

Data File : VU027063.D
Acq On : 23 Sep 2018 10:20
Operator : MD/SY
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 105 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 24 05:51:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	82439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	143940	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	141144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	78053	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	86258	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
35) Dibromofluoromethane	4.88	113	62290	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
50) Toluene-d8	7.57	98	241045	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
62) 4-Bromofluorobenzene	10.31	95	86695	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	52558	48.830	ug/l	99
3) Chloromethane	1.33	50	86619	46.676	ug/l	99
4) Vinyl Chloride	1.40	62	88415	51.041	ug/l	99
5) Bromomethane	1.62	94	44892	45.509	ug/l	97
6) Chloroethane	1.69	64	56029	50.622	ug/l	99
7) Trichlorofluoromethane	1.88	101	99885	50.770	ug/l	96
8) Diethyl Ether	2.10	74	49396	52.161	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.29	101	59862	49.485	ug/l	99
10) Methyl Iodide	2.41	142	61623	41.073	ug/l	100
11) Tert butyl alcohol	2.83	59	100533	264.348	ug/l	99
12) 1,1-Dichloroethene	2.28	96	58432	51.319	ug/l	99
13) Acrolein	2.19	56	50790	247.744	ug/l	99
14) Allyl chloride	2.59	41	127701	55.297	ug/l	96
15) Acrylonitrile	2.94	53	262992	274.374	ug/l	99
16) Acetone	2.32	43	228879	260.376	ug/l	98
17) Carbon Disulfide	2.48	76	186677	50.328	ug/l	100
18) Methyl Acetate	2.61	43	132718	56.198	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	236441	56.509	ug/l	100
20) Methylene Chloride	2.70	84	74228	49.953	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	64510	53.066	ug/l	98
22) Diisopropyl ether	3.57	45	293146	59.347	ug/l	97
23) Vinyl Acetate	3.53	43	1254663	297.980	ug/l	98
24) 1,1-Dichloroethane	3.45	63	147266	54.132	ug/l	100
25) 2-Butanone	4.26	43	374529	268.597	ug/l	100
26) 2,2-Dichloropropane	4.23	77	78440	36.971	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	74281	54.106	ug/l	99
28) Bromochloromethane	4.55	49	78312	59.716	ug/l	94
29) Tetrahydrofuran	4.64	42	245142	290.621	ug/l	97
30) Chloroform	4.67	83	133291	52.783	ug/l	100
31) Cyclohexane	5.00	56	136814	55.386	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	109482	54.300	ug/l	99
36) 1,1-Dichloropropene	5.14	75	99496	51.793	ug/l	99
37) Ethyl Acetate	4.38	43	138148	53.122	ug/l	99
38) Carbon Tetrachloride	5.14	117	92860	50.795	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	114110	54.660	ug/l	98
40) Benzene	5.39	78	299008	51.201	ug/l	100
41) Methacrylonitrile	4.54	41	79121	58.582	ug/l	97
42) 1,2-Dichloroethane	5.40	62	115676	52.427	ug/l	99
43) Isopropyl Acetate	5.55	43	214220	56.483	ug/l	99
44) Trichloroethene	6.19	130	64089	51.549	ug/l	99
45) 1,2-Dichloropropane	6.43	63	89456	53.760	ug/l	97
46) Dibromomethane	6.56	93	51728	51.472	ug/l	98
47) Bromodichloromethane	6.76	83	105193	51.766	ug/l	98
48) Methyl methacrylate	6.62	41	110228	53.330	ug/l	99
49) 1,4-Dioxane	6.61	88	38869	948.043	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	731156	286.641	ug/l	100
52) Toluene	7.64	92	183424	54.795	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	116790	53.492	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	126435	52.668	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	74590	52.587	ug/l	100
56) Ethyl methacrylate	8.02	69	126683	51.410	ug/l	97
57) 1,3-Dichloropropane	8.24	76	140653	53.316	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	356901	255.424	ug/l	98
59) 2-Hexanone	8.36	43	558994	279.960	ug/l	100
60) Dibromochloromethane	8.48	129	74586	53.609	ug/l	100
61) 1,2-Dibromoethane	8.59	107	76067	51.543	ug/l	99
64) Tetrachloroethene	8.23	164	55024	50.592	ug/l	99
65) Chlorobenzene	9.12	112	186882	49.936	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	67472	52.343	ug/l	98
67) Ethyl Benzene	9.25	91	343698	55.849	ug/l	99
68) m/p-Xylenes	9.38	106	255922	102.645	ug/l	99
69) o-Xylene	9.78	106	123073	56.444	ug/l	98
70) Styrene	9.79	104	205827	50.536	ug/l	99
71) Bromoform	9.96	173	53314	53.484	ug/l #	98
73) Isopropylbenzene	10.17	105	334294	56.303	ug/l	99
74) N-amyl acetate	10.01	43	198630	57.795	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	130769	47.903	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	154338	65.088	ug/l	83
77) Bromobenzene	10.45	156	73789	50.857	ug/l	94
78) n-propylbenzene	10.59	91	404297	57.549	ug/l	99
79) 2-Chlorotoluene	10.66	91	237837	53.897	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	279221	56.970	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	154338	208.292	ug/l #	100
82) 4-Chlorotoluene	10.77	91	274444	55.466	ug/l	99
83) tert-Butylbenzene	11.10	119	263878	54.457	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	285160	57.170	ug/l	99
85) sec-Butylbenzene	11.32	105	338390	57.209	ug/l	100
86) p-Isopropyltoluene	11.48	119	286552	51.598	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	138567	51.321	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	141733	48.165	ug/l	99
89) n-Butylbenzene	11.89	91	266833	49.614	ug/l	100
90) Hexachloroethane	12.14	117	53995	50.199	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	139217	48.541	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	28541	51.250	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092318\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	92313	55.854	ug/l	98
94) Hexachlorobutadiene	13.69	225	43048	49.226	ug/l	99
95) Naphthalene	13.74	128	335415	51.841	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	97824	55.193	ug/l	99

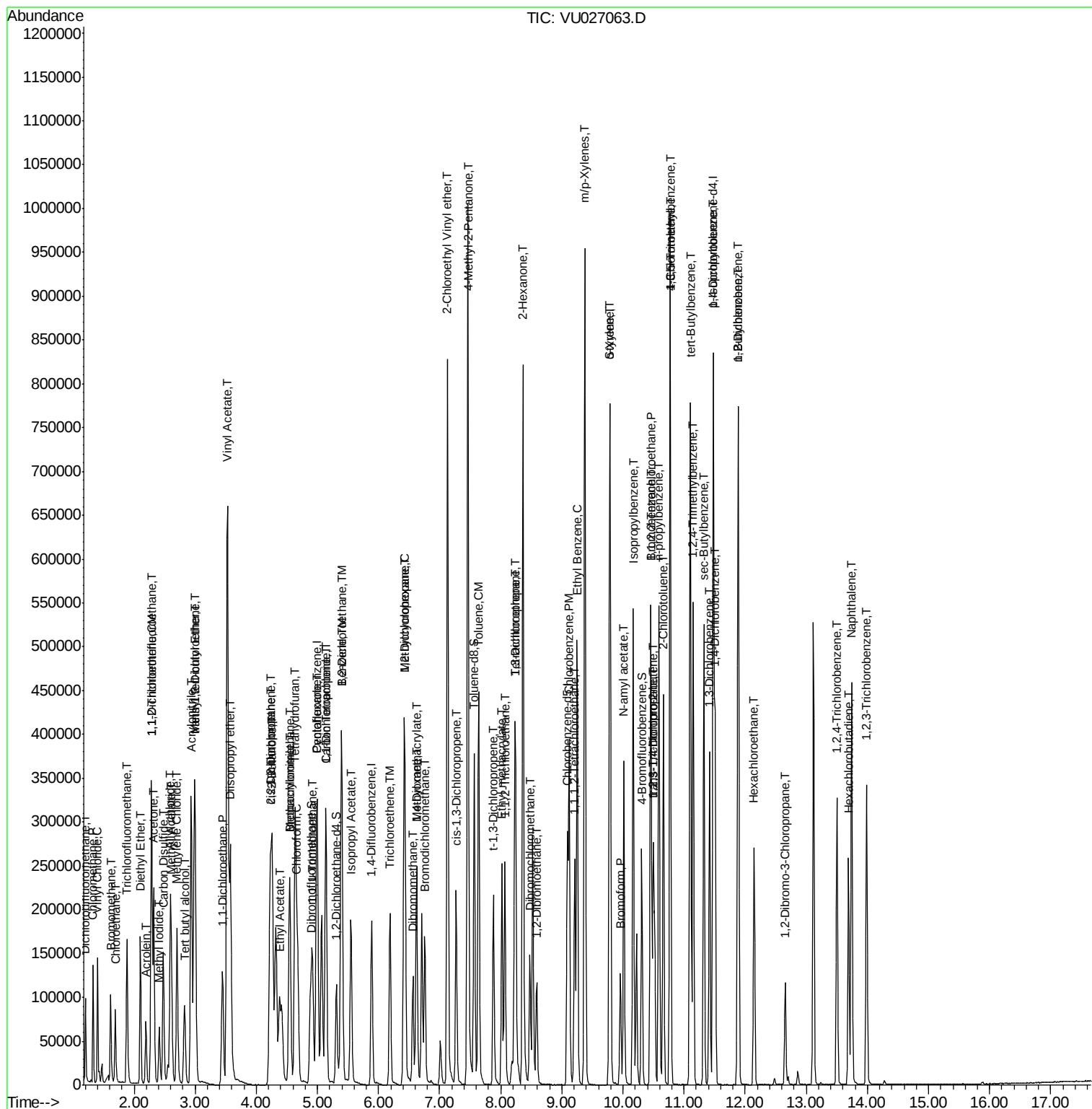
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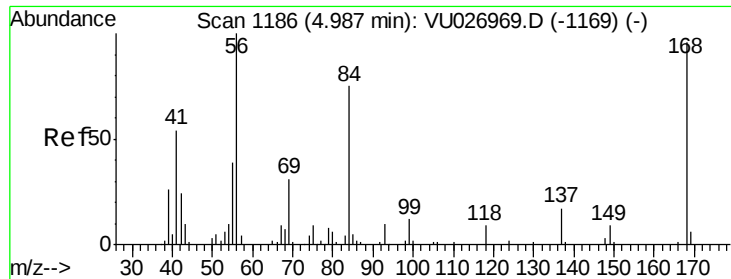
Data File : VU027063.D

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027063.D

Acq: 23 Sep 2018 10:20

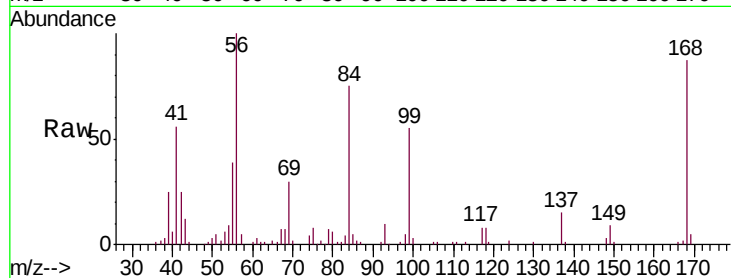
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 82439

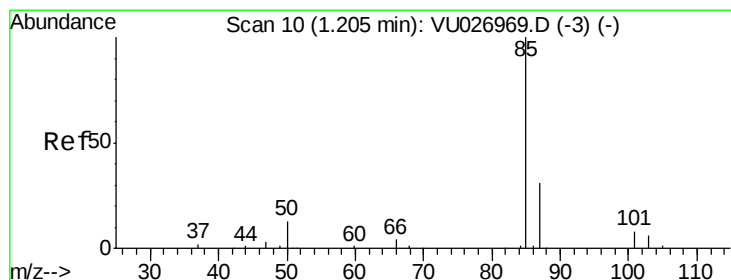
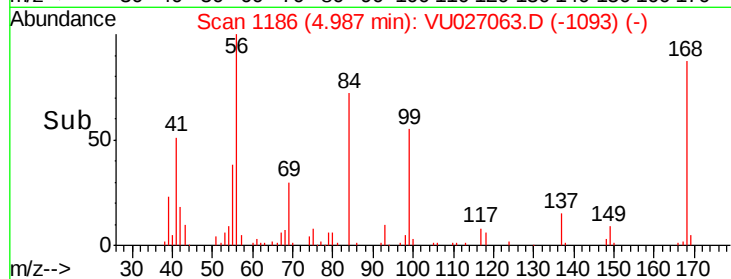
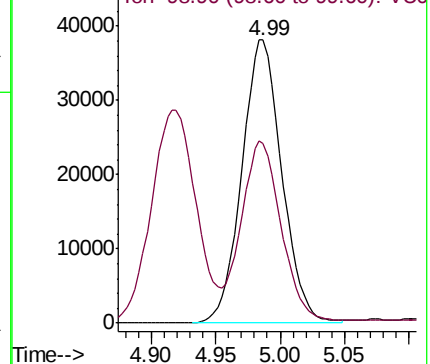
Ion Ratio Lower Upper

168 100

99 62.4 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)



#2

Dichlorodifluoromethane

Concen: 48.830 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027063.D

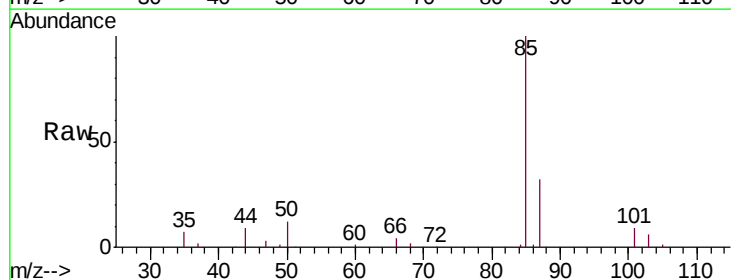
Acq: 23 Sep 2018 10:20

Tgt Ion: 85 Resp: 52558

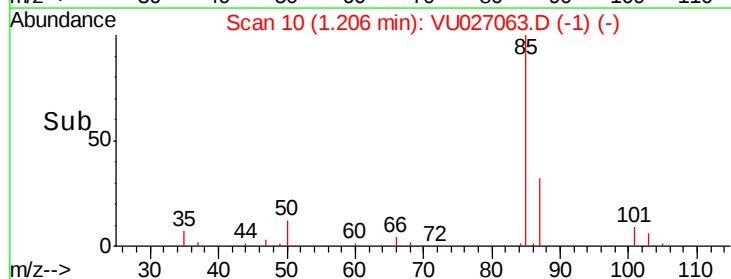
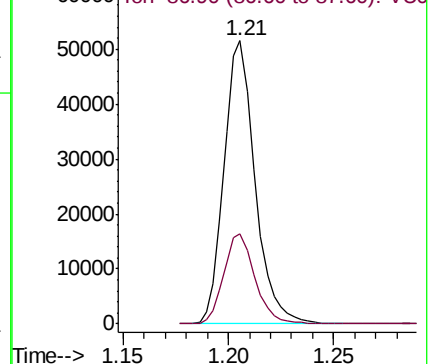
Ion Ratio Lower Upper

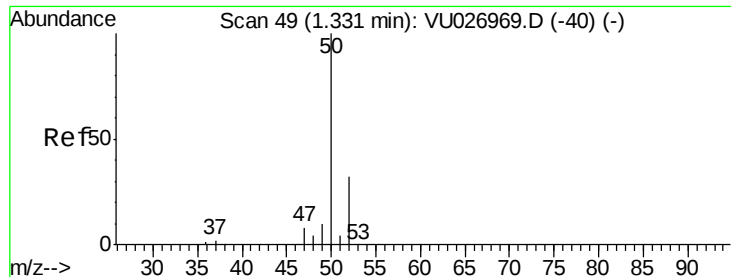
85 100

87 31.7 15.6 46.7



Abundance Ion 84.90 (84.60 to 85.60): VU026969.D (-3) (-)





#3

Chloromethane

Concen: 46.676 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027063.D

Acq: 23 Sep 2018 10:20

Instrument :

MSVOA_U

ClientSampleId :

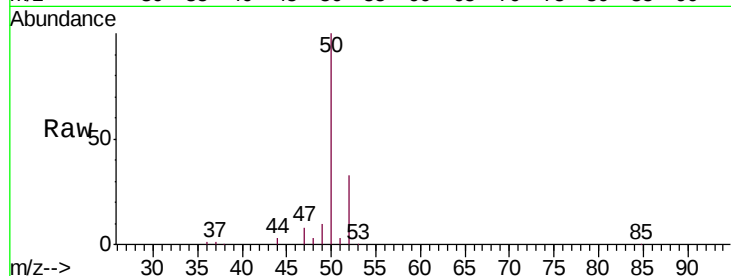
VSTDCCC050EC

Tgt Ion: 50 Resp: 86619

Ion Ratio Lower Upper

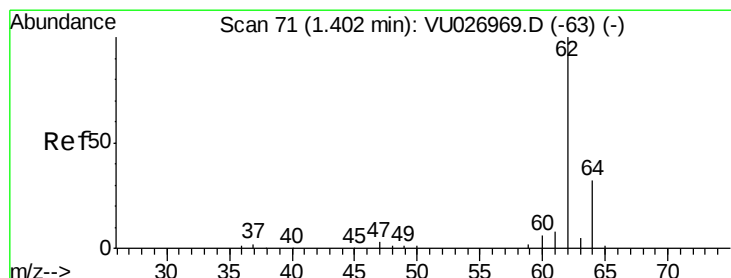
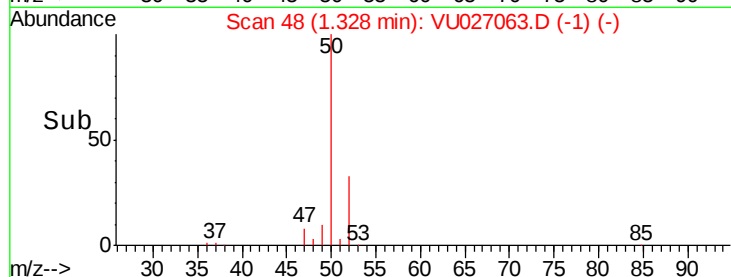
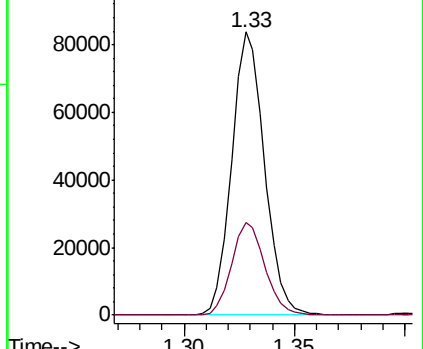
50 100

52 32.8 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VU026969.D (-40) (-)

Ion 51.90 (51.60 to 52.60): VU027063.D (-1) (-)



#4

Vinyl Chloride

Concen: 51.041 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027063.D

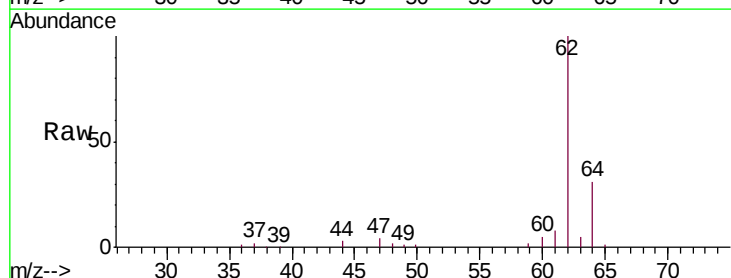
Acq: 23 Sep 2018 10:20

Tgt Ion: 62 Resp: 88415

Ion Ratio Lower Upper

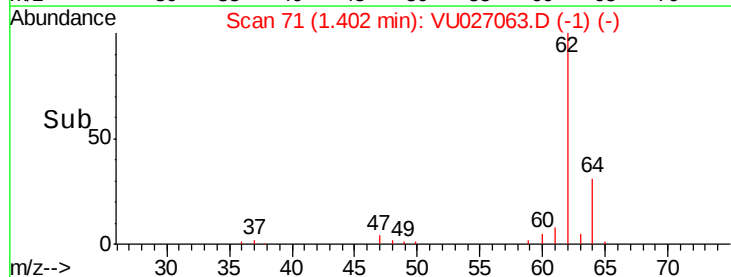
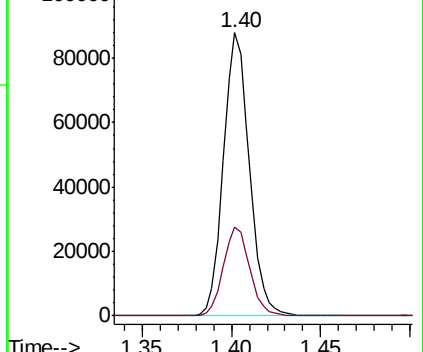
62 100

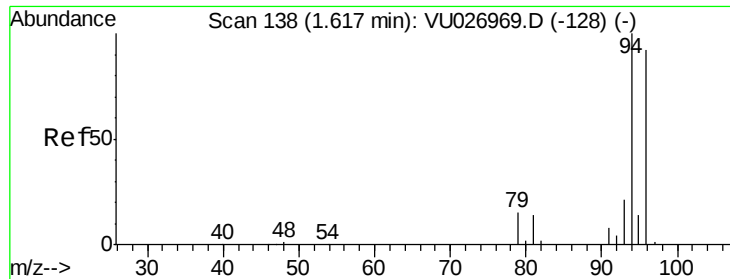
64 31.3 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU026969.D (-63) (-)

Ion 63.90 (63.60 to 64.60): VU027063.D (-1) (-)

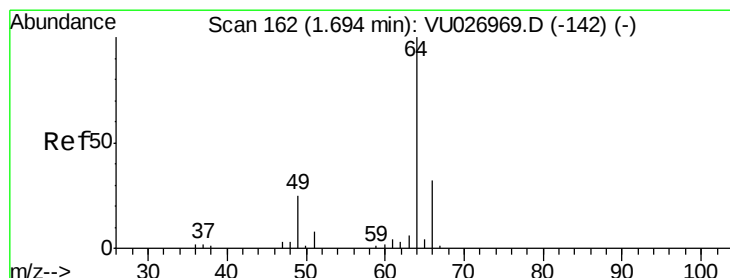
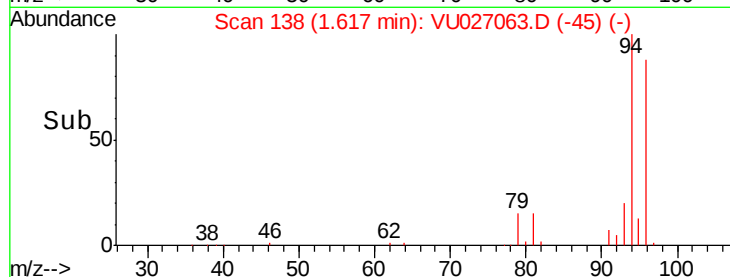
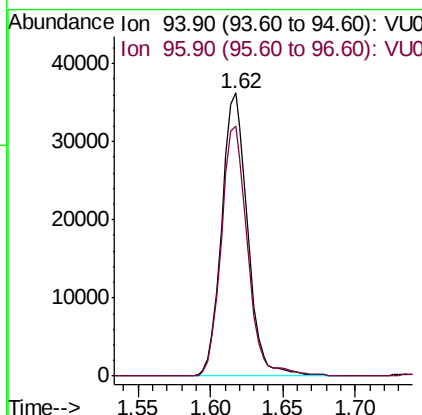
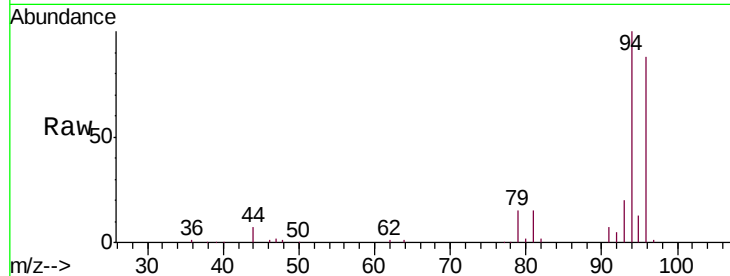




#5
Bromomethane
Concen: 45.509 ug/l
RT: 1.62 min Scan# 138
Delta R.T. 0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

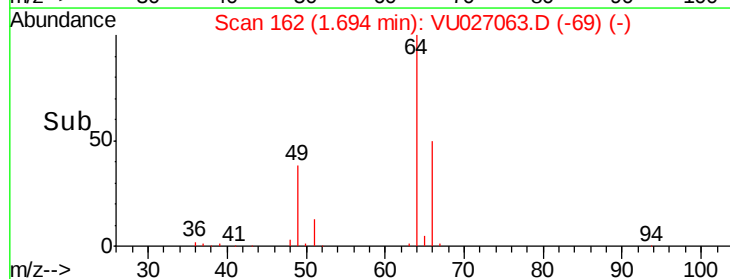
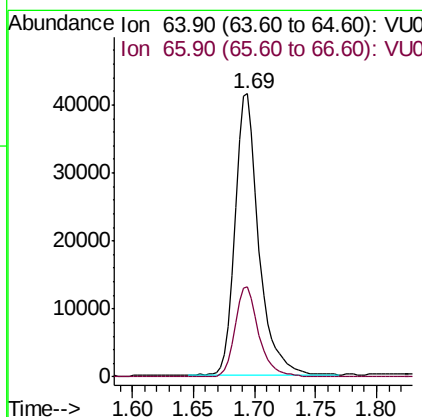
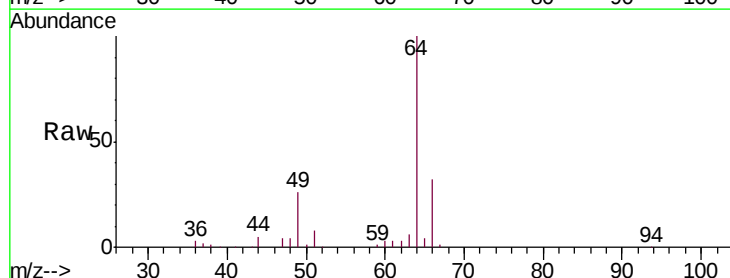
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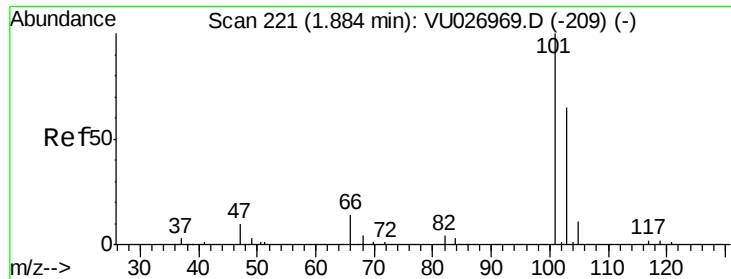
Tgt Ion: 94 Resp: 44892
Ion Ratio Lower Upper
94 100
96 88.3 73.2 109.8



#6
Chloroethane
Concen: 50.622 ug/l
RT: 1.69 min Scan# 162
Delta R.T. 0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

Tgt Ion: 64 Resp: 56029
Ion Ratio Lower Upper
64 100
66 31.9 25.3 37.9



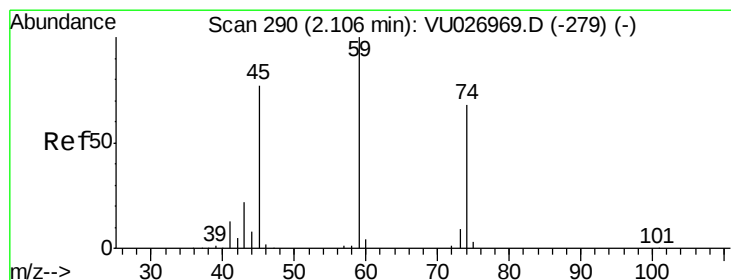
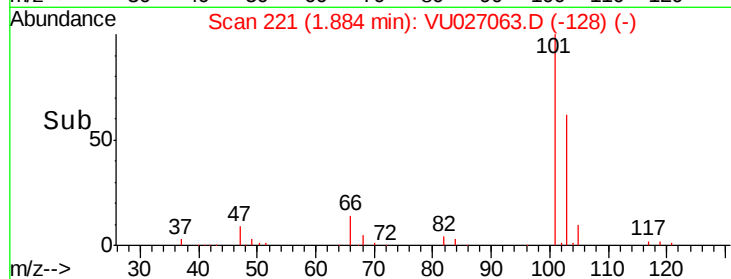
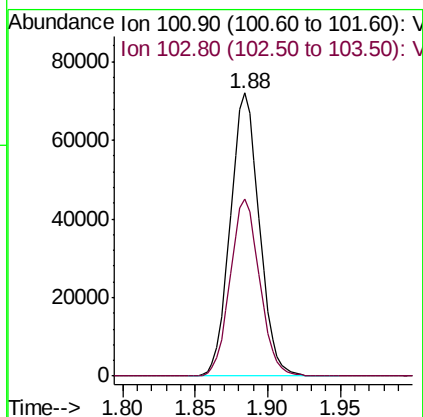
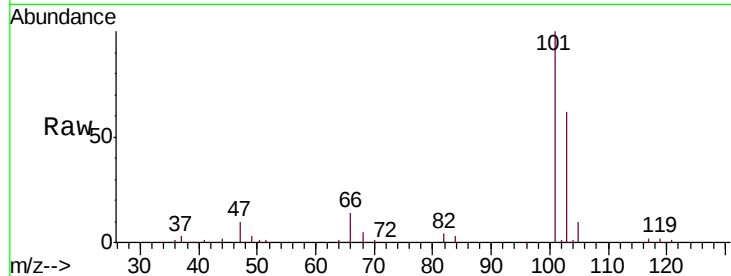


#7

Trichlorofluoromethane
 Concen: 50.770 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VU027063.D
 Acq: 23 Sep 2018 10:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

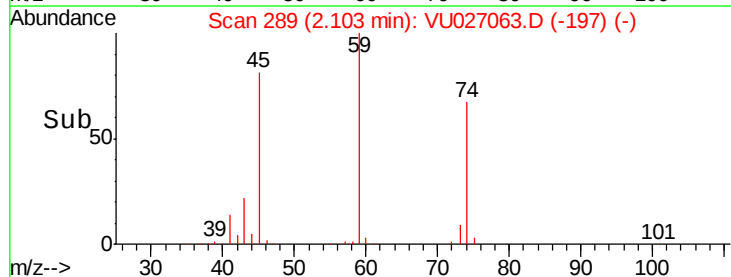
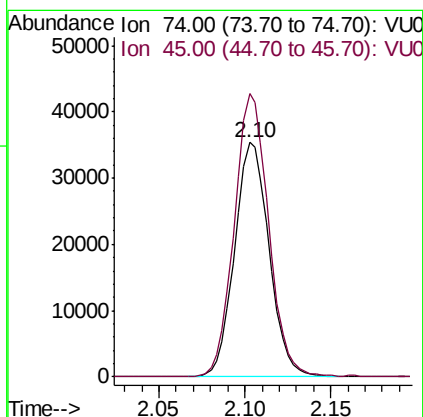
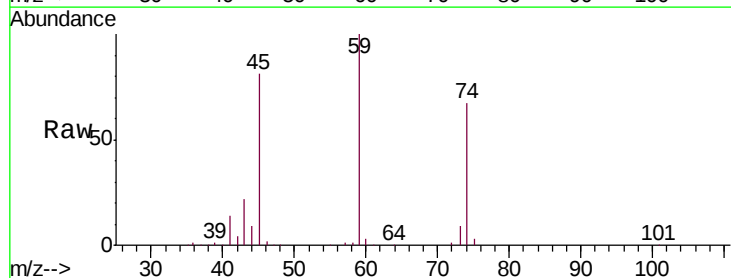
Tgt Ion:101 Resp: 99885
 Ion Ratio Lower Upper
 101 100
 103 62.4 52.2 78.2

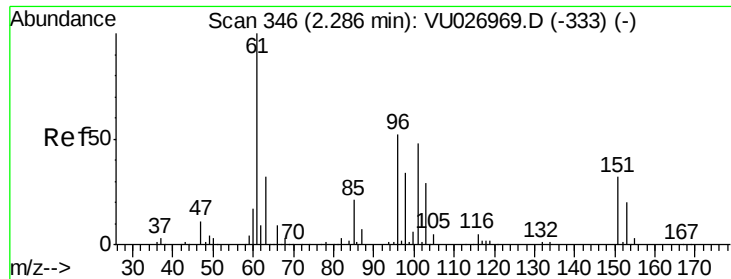


#8

Diethyl Ether
 Concen: 52.161 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU027063.D
 Acq: 23 Sep 2018 10:20

Tgt Ion: 74 Resp: 49396
 Ion Ratio Lower Upper
 74 100
 45 120.0 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.485 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027063.D

Acq: 23 Sep 2018 10:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

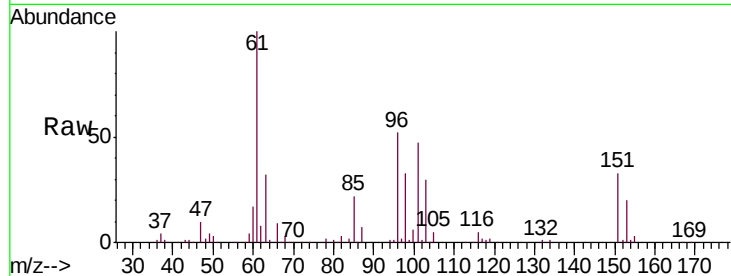
Tgt Ion:101 Resp: 59862

Ion Ratio Lower Upper

101 100

85 46.2 36.2 54.2

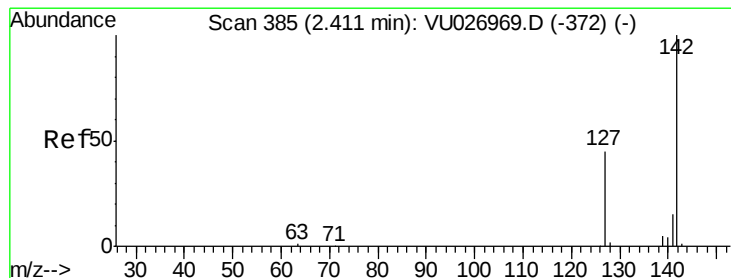
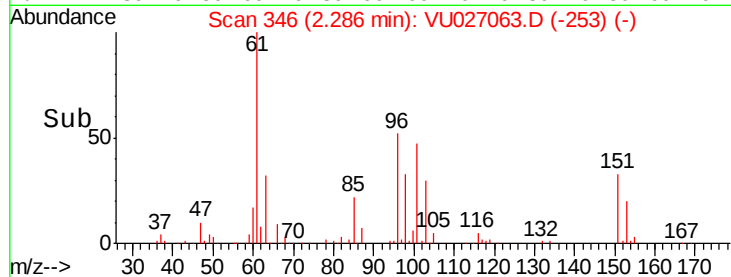
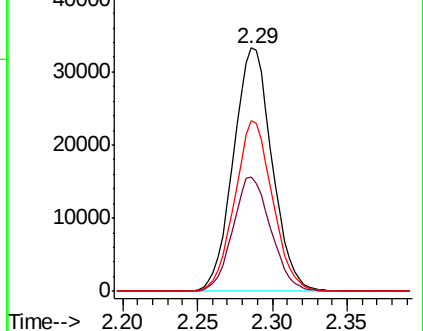
151 68.7 54.5 81.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.073 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU027063.D

Acq: 23 Sep 2018 10:20

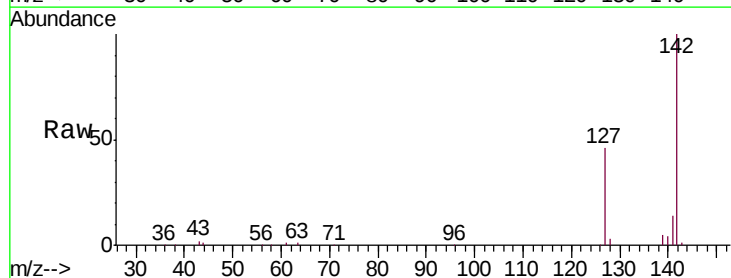
Tgt Ion:142 Resp: 61623

Ion Ratio Lower Upper

142 100

127 45.9 36.7 55.1

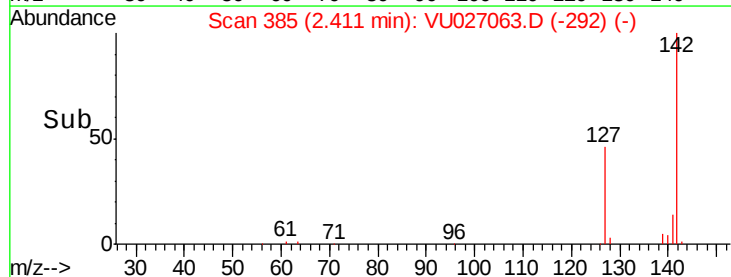
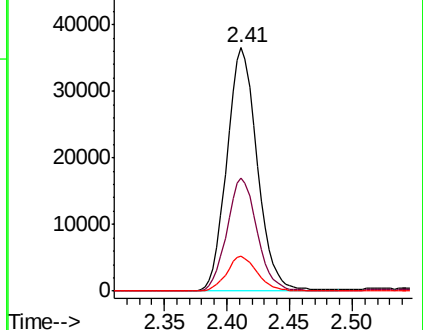
141 14.4 11.8 17.6

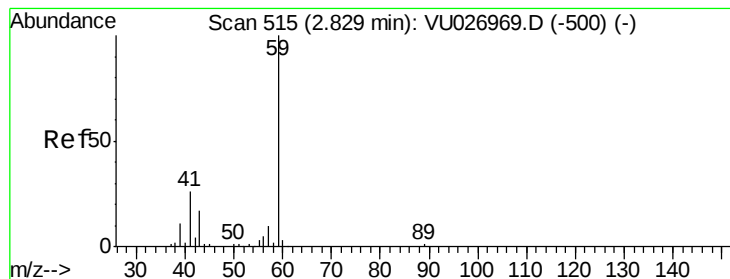


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



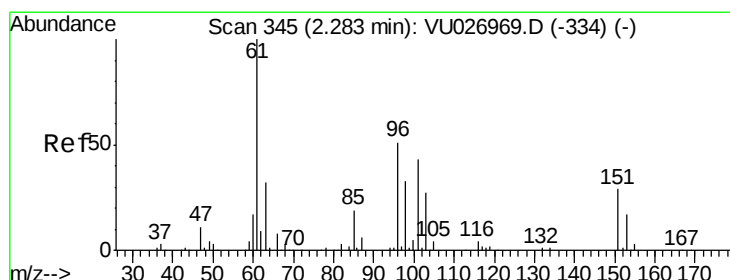
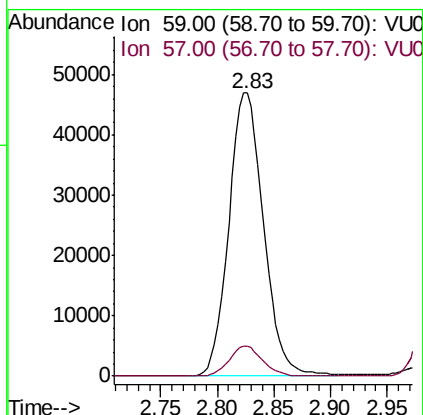
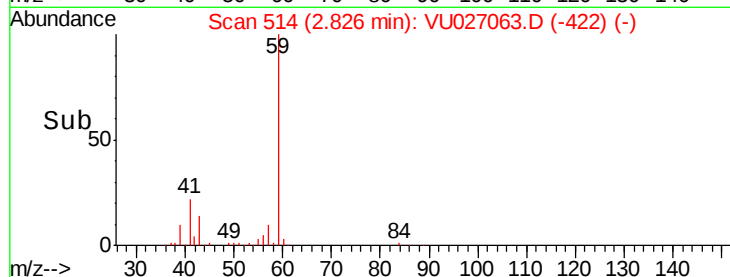
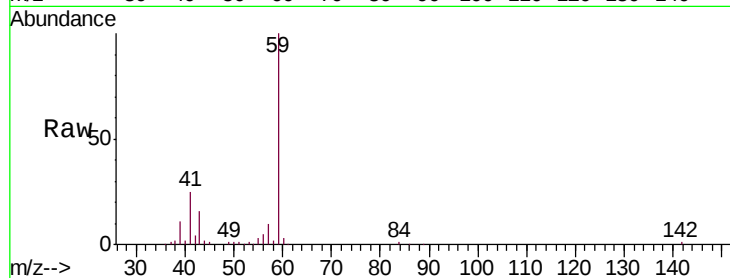


#11

Tert butyl alcohol
 Concen: 264.348 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: VU027063.D
 Acq: 23 Sep 2018 10:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

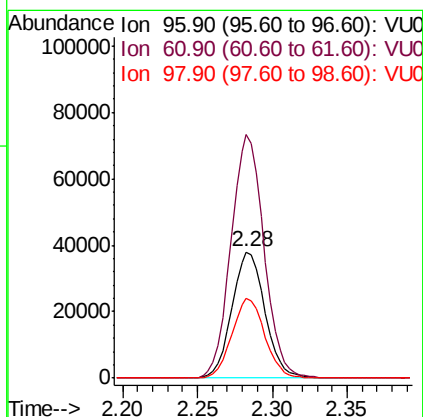
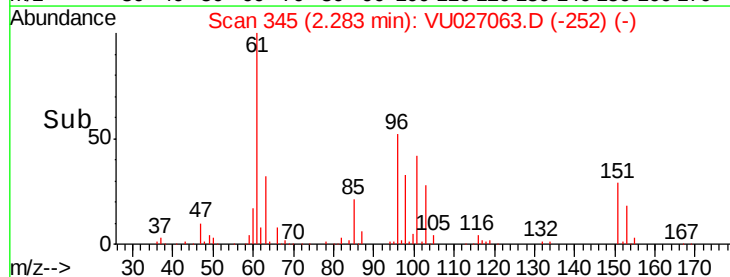
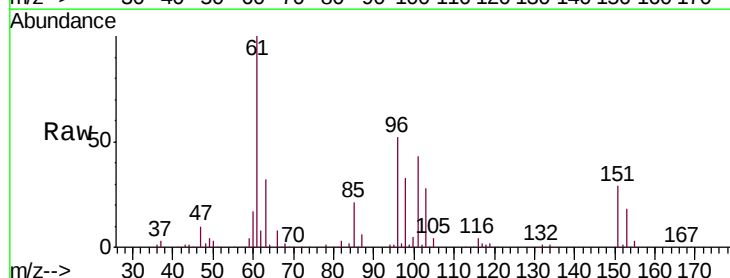
Tgt Ion: 59 Resp: 100533
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.5 12.7

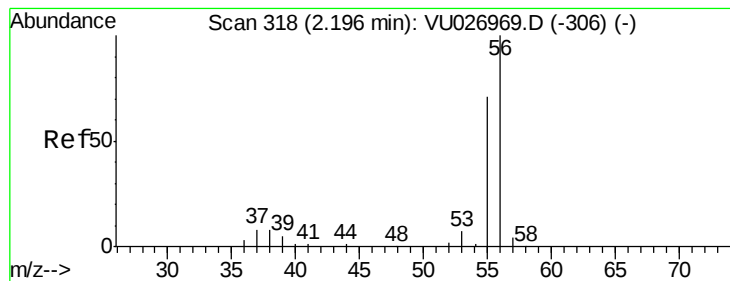


#12

1,1-Dichloroethene
 Concen: 51.319 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU027063.D
 Acq: 23 Sep 2018 10:20

Tgt Ion: 96 Resp: 58432
 Ion Ratio Lower Upper
 96 100
 61 193.3 156.1 234.1
 98 63.2 51.4 77.0





#13

Acrolein

Concen: 247.744 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU027063.D

Acq: 23 Sep 2018 10:20

Instrument :

MSVOA_U

ClientSampleId :

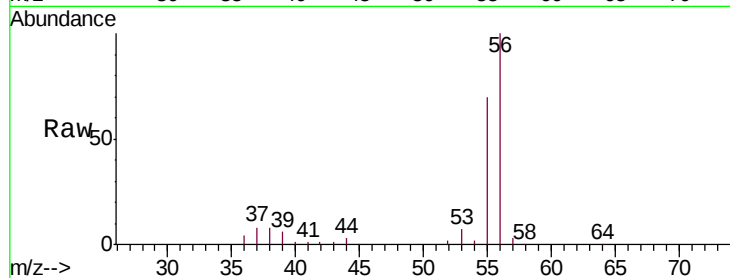
VSTDCCC050EC

Tgt Ion: 56 Resp: 50790

Ion Ratio Lower Upper

56 100

55 70.2 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU026969.D (-306) (-)

Ion 55.00 (54.70 to 55.70): VU026969.D (-306) (-)

2.19

30000

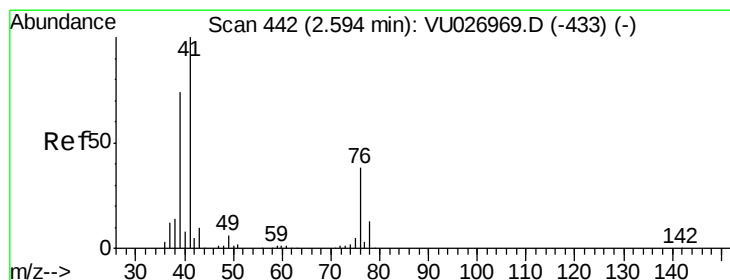
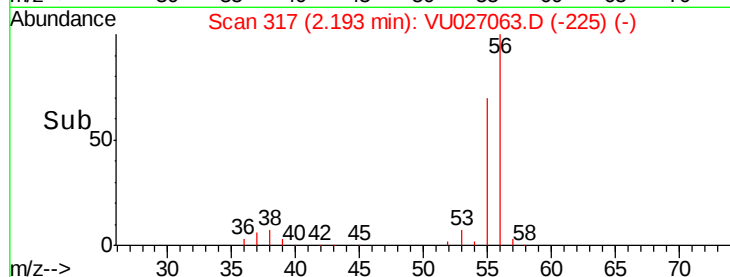
20000

10000

0

Time-->

2.10 2.15 2.20 2.25 2.30



#14

Allyl chloride

Concen: 55.297 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027063.D

Acq: 23 Sep 2018 10:20

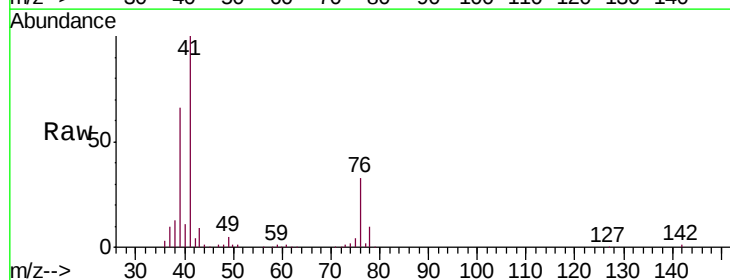
Tgt Ion: 41 Resp: 127701

Ion Ratio Lower Upper

41 100

39 65.3 55.7 83.5

76 33.0 26.5 39.7



Abundance Ion 41.00 (40.70 to 41.70): VU026969.D (-433) (-)

Ion 39.00 (38.70 to 39.70): VU026969.D (-433) (-)

Ion 75.90 (75.60 to 76.60): VU026969.D (-433) (-)

2.59

100000

80000

60000

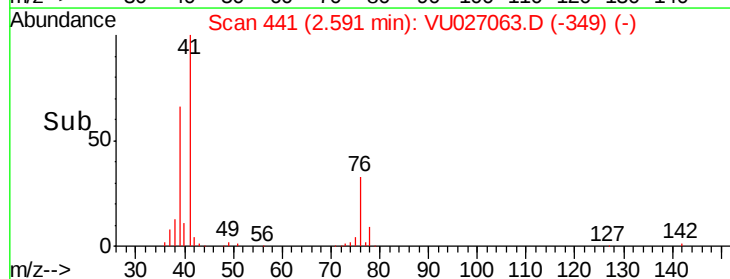
40000

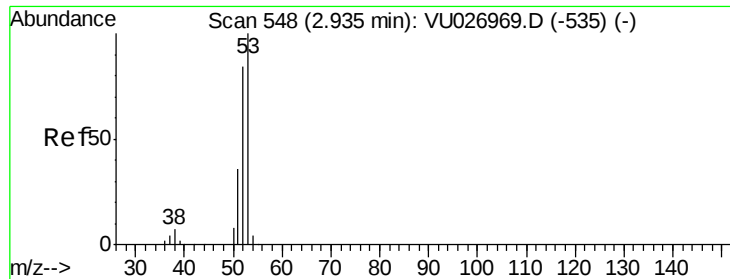
20000

0

Time-->

2.55 2.60 2.65 2.70

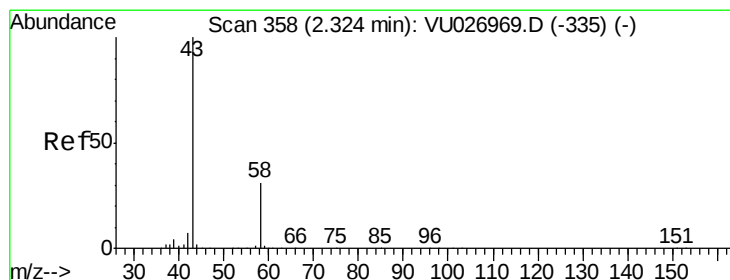
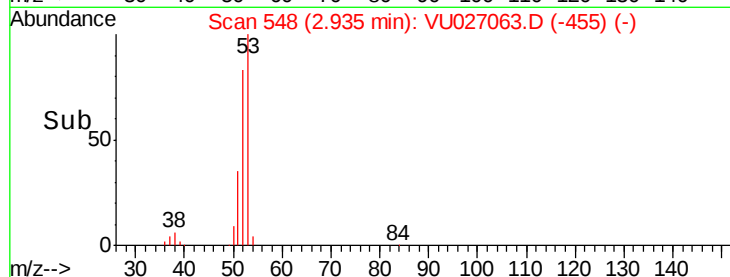
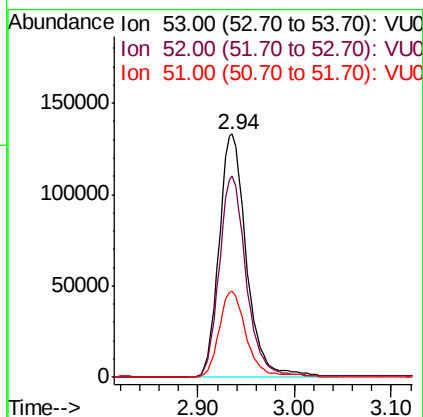
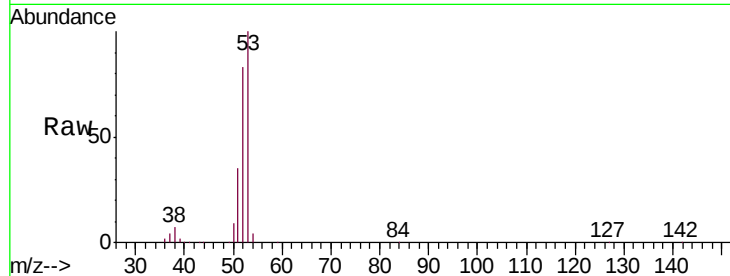




#15
Acrylonitrile
Concen: 274.374 ug/l
RT: 2.94 min Scan# 548
Delta R.T. 0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

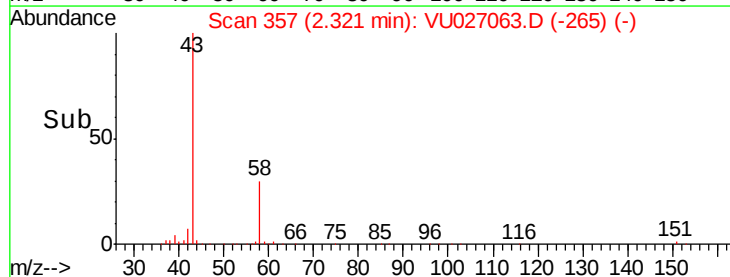
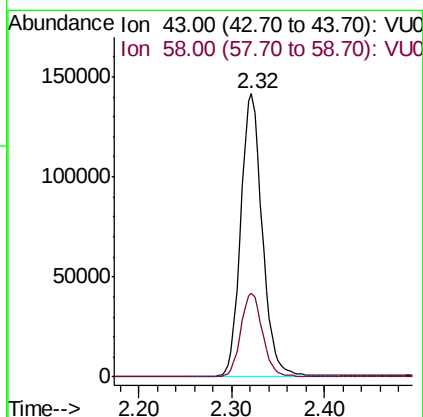
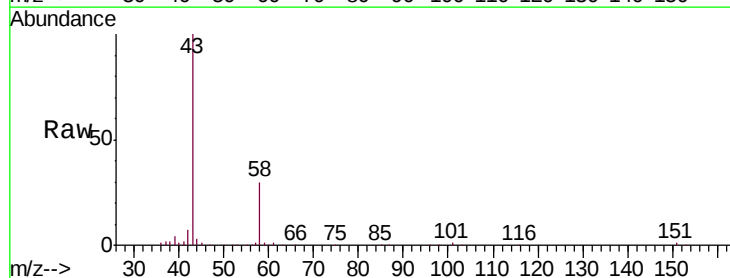
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

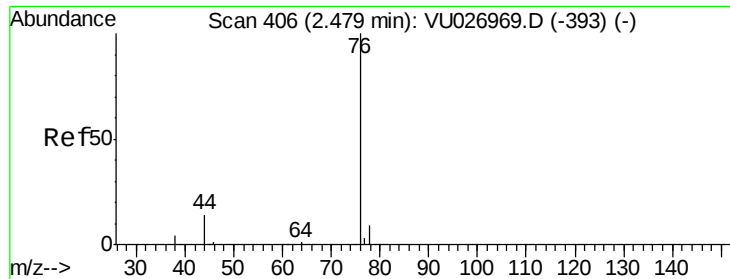
Tgt Ion: 53 Resp: 262992
Ion Ratio Lower Upper
53 100
52 81.7 65.7 98.5
51 35.6 27.4 41.2



#16
Acetone
Concen: 260.376 ug/l
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

Tgt Ion: 43 Resp: 228879
Ion Ratio Lower Upper
43 100
58 29.5 24.6 36.8

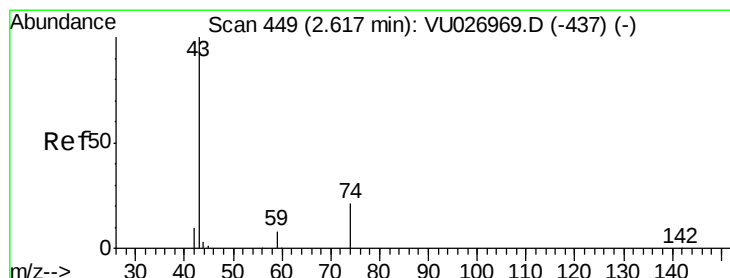
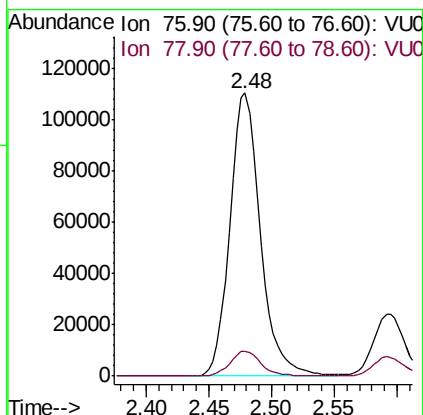
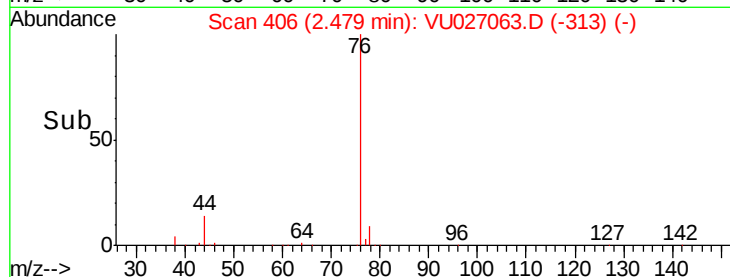
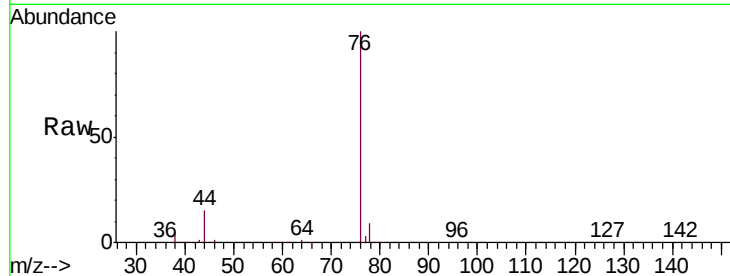




#17
Carbon Disulfide
Concen: 50.328 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

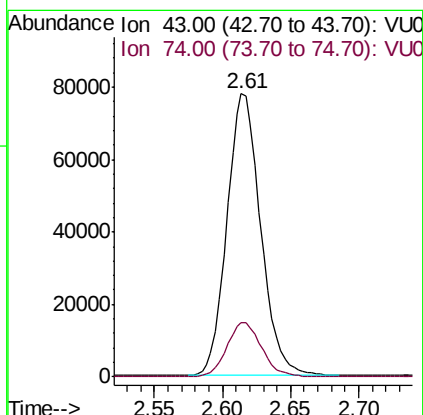
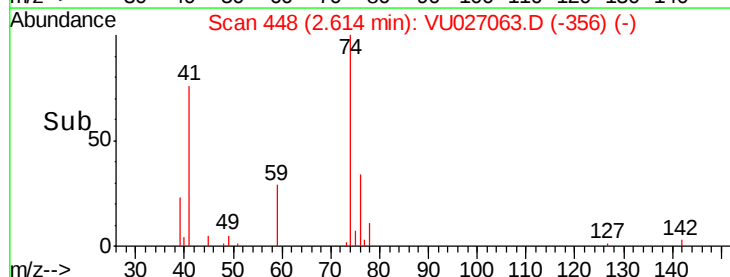
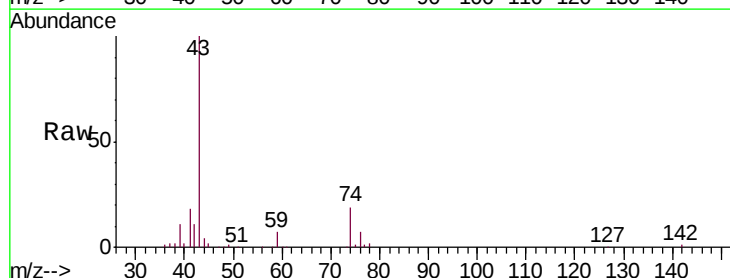
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

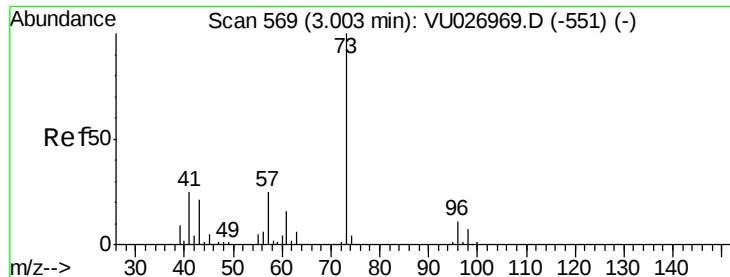
Tgt Ion: 76 Resp: 186677
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 56.198 ug/l
RT: 2.61 min Scan# 448
Delta R.T. -0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

Tgt Ion: 43 Resp: 132718
Ion Ratio Lower Upper
43 100
74 20.1 16.6 25.0

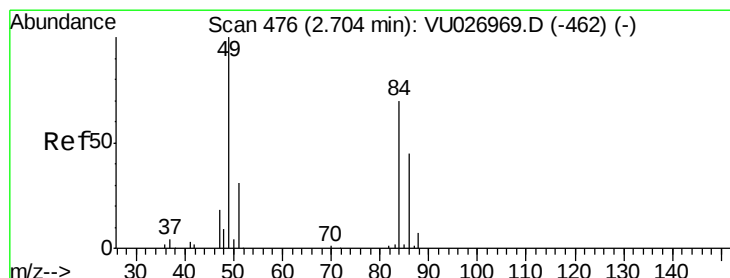
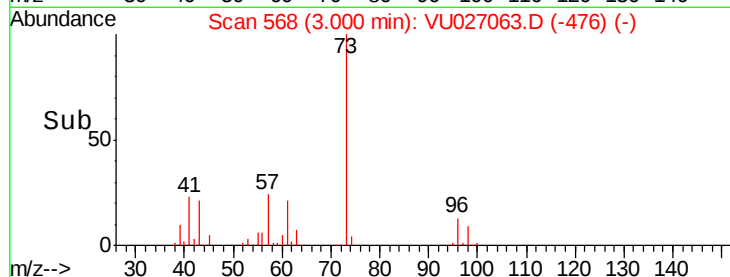
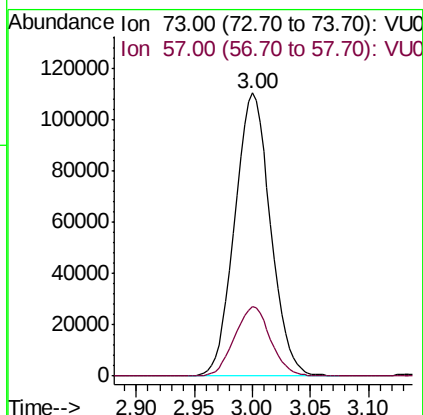
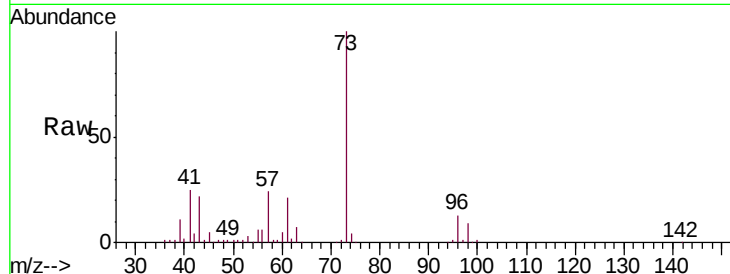




#19
Methyl tert-butyl Ether
Concen: 56.509 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

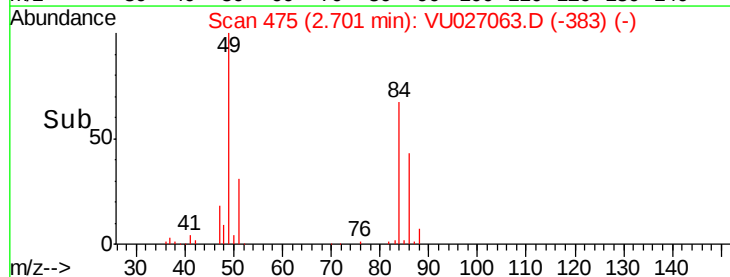
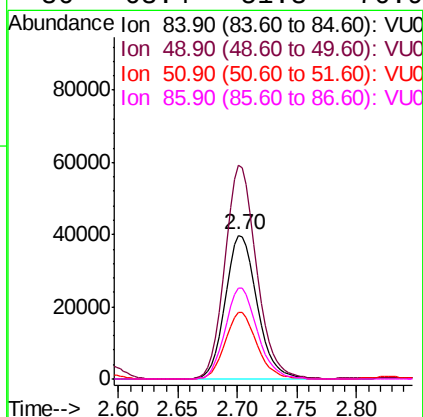
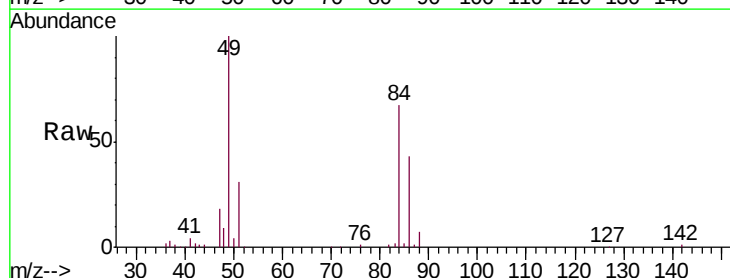
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

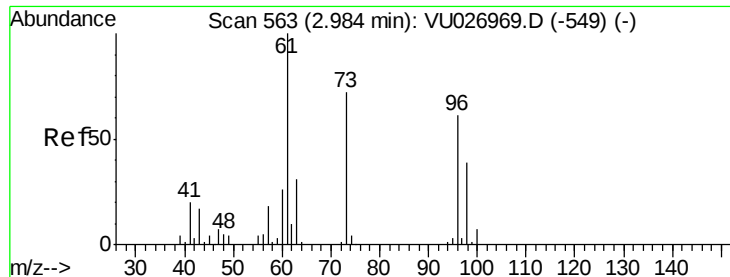
Tgt Ion: 73 Resp: 236441
Ion Ratio Lower Upper
73 100
57 24.5 19.8 29.6



#20
Methylene Chloride
Concen: 49.953 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

Tgt Ion: 84 Resp: 74228
Ion Ratio Lower Upper
84 100
49 148.8 114.9 172.3
51 46.5 35.8 53.8
86 63.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 53.066 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027063.D

Acq: 23 Sep 2018 10:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

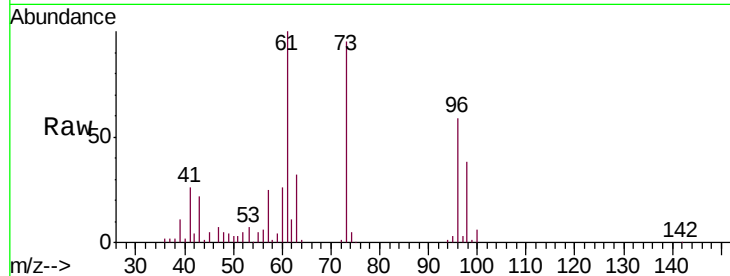
Tgt Ion: 96 Resp: 64510

Ion Ratio Lower Upper

96 100

61 168.5 131.8 197.6

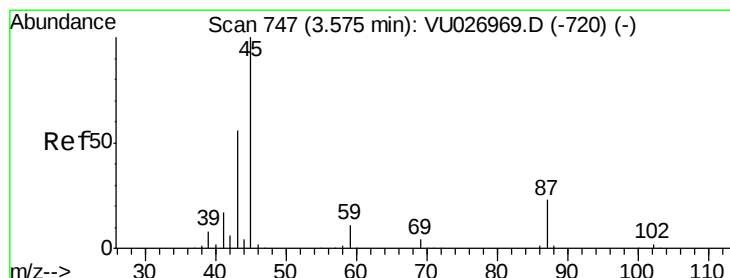
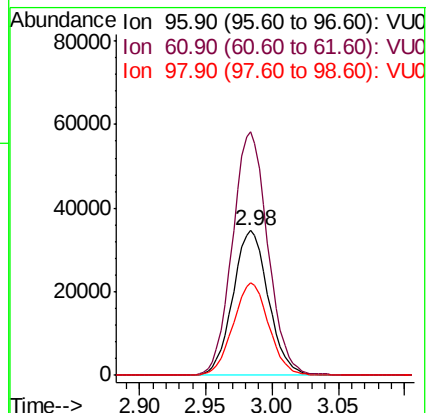
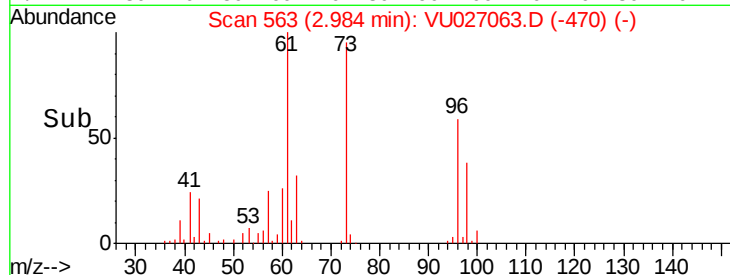
98 64.1 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VU027063.D (-470) (-)

Ion 60.90 (60.60 to 61.60): VU027063.D (-470) (-)

Ion 97.90 (97.60 to 98.60): VU027063.D (-470) (-)



#22

Diisopropyl ether

Concen: 59.347 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027063.D

Acq: 23 Sep 2018 10:20

Tgt Ion: 45 Resp: 293146

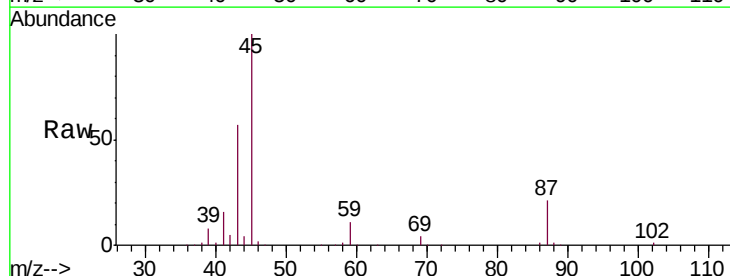
Ion Ratio Lower Upper

45 100

43 55.3 45.8 68.6

87 21.3 18.6 28.0

59 10.8 9.0 13.4

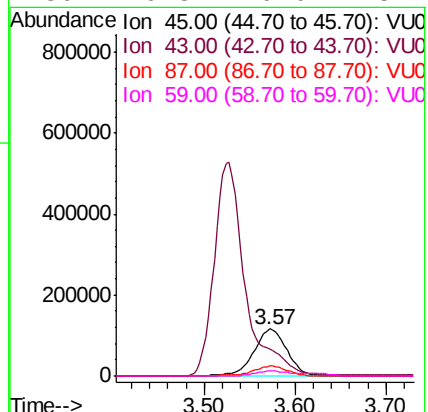
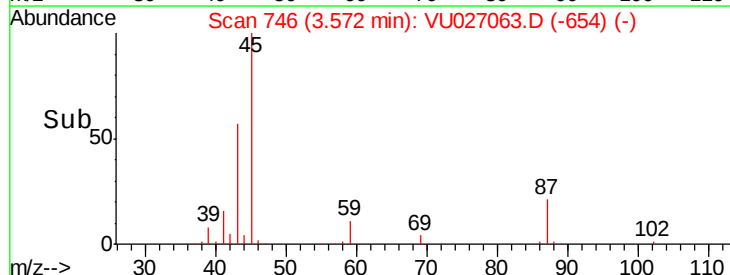


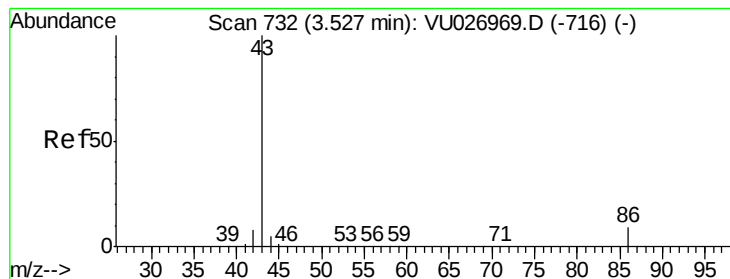
Abundance Ion 45.00 (44.70 to 45.70): VU027063.D (-654) (-)

Ion 43.00 (42.70 to 43.70): VU027063.D (-654) (-)

Ion 87.00 (86.70 to 87.70): VU027063.D (-654) (-)

Ion 59.00 (58.70 to 59.70): VU027063.D (-654) (-)





#23

Vinyl Acetate

Concen: 297.980 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU027063.D

Acq: 23 Sep 2018 10:20

Instrument :

MSVOA_U

ClientSampleId :

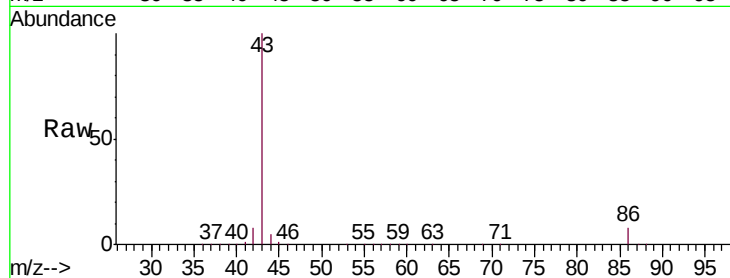
VSTDCCC050EC

Tgt Ion: 43 Resp: 1254663

Ion Ratio Lower Upper

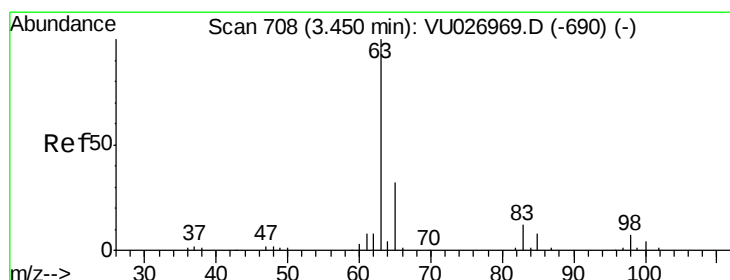
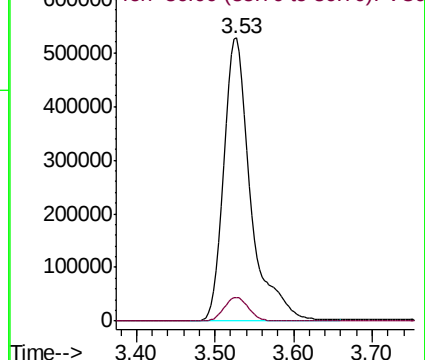
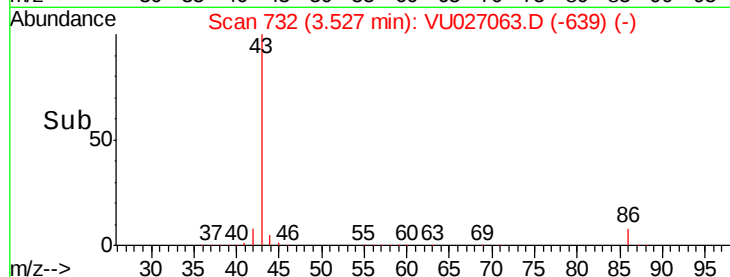
43 100

86 8.4 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VU027063.D (-639) (-)

Ion 86.00 (85.70 to 86.70): VU027063.D (-639) (-)



#24

1,1-Dichloroethane

Concen: 54.132 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027063.D

Acq: 23 Sep 2018 10:20

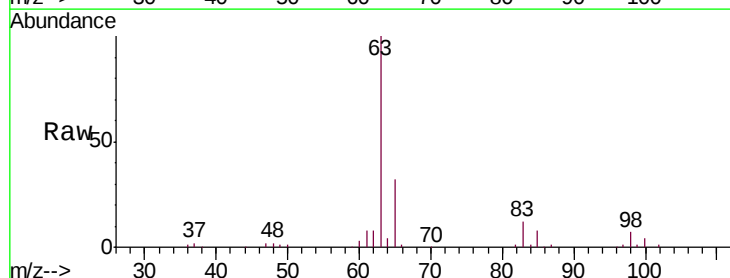
Tgt Ion: 63 Resp: 147266

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

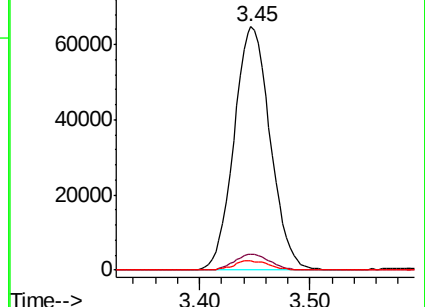
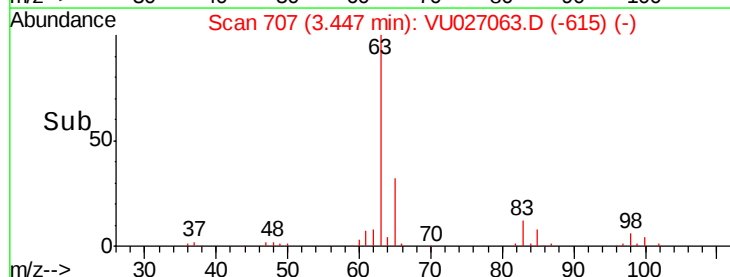
100 3.7 2.0 5.8

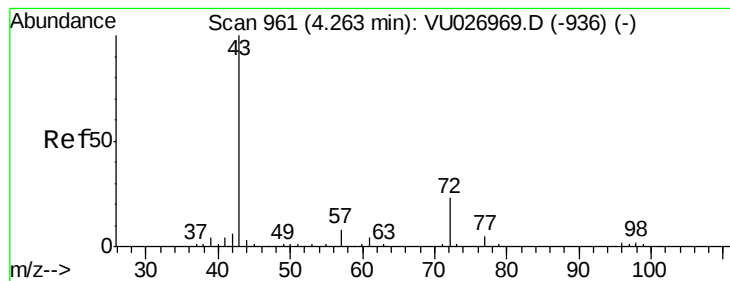


Abundance Ion 62.90 (62.60 to 63.60): VU027063.D (-615) (-)

Ion 97.90 (97.60 to 98.60): VU027063.D (-615) (-)

Ion 99.90 (99.60 to 100.60): VU027063.D (-615) (-)





#25

2-Butanone

Concen: 268.597 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU027063.D

Acq: 23 Sep 2018 10:20

Instrument :

MSVOA_U

ClientSampleId :

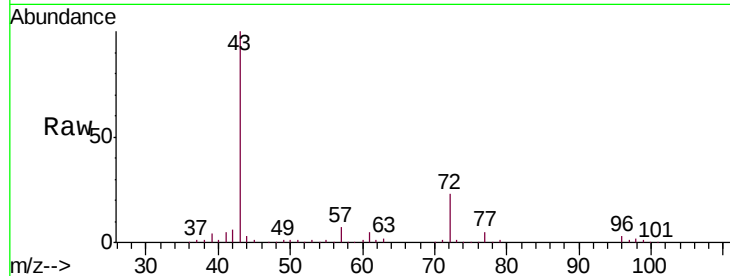
VSTDCCC050EC

Tgt Ion: 43 Resp: 374529

Ion Ratio Lower Upper

43 100

72 22.8 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU027063.D (-868) (-)

Ion 72.00 (71.70 to 72.70): VU027063.D (-868) (-)

4.26

150000

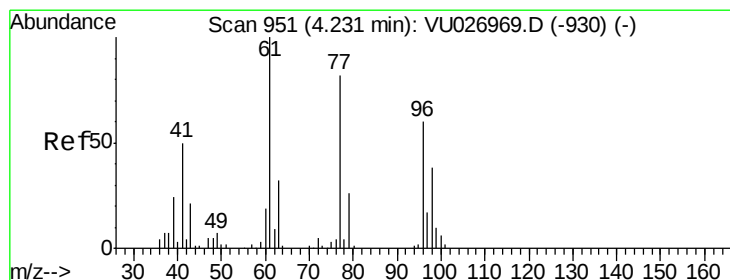
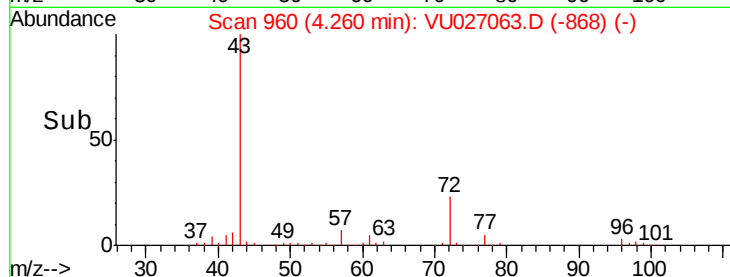
100000

50000

0

4.15 4.20 4.25 4.30 4.35

Time-->



#26

2,2-Dichloropropane

Concen: 36.971 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027063.D

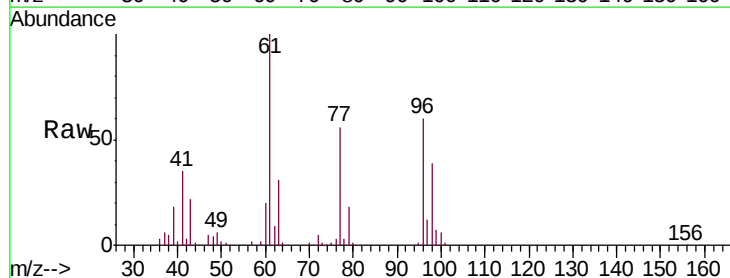
Acq: 23 Sep 2018 10:20

Tgt Ion: 77 Resp: 78440

Ion Ratio Lower Upper

77 100

97 21.7 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU027063.D (-858) (-)

Ion 96.90 (96.60 to 97.60): VU027063.D (-858) (-)

4.23

30000

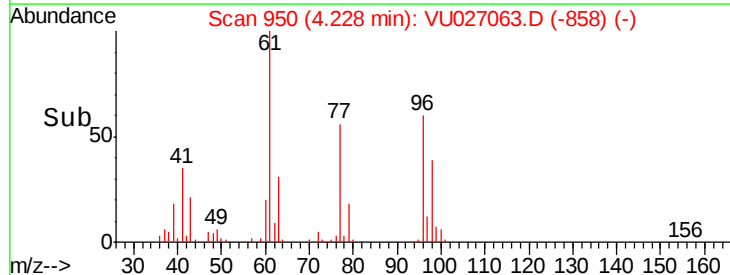
20000

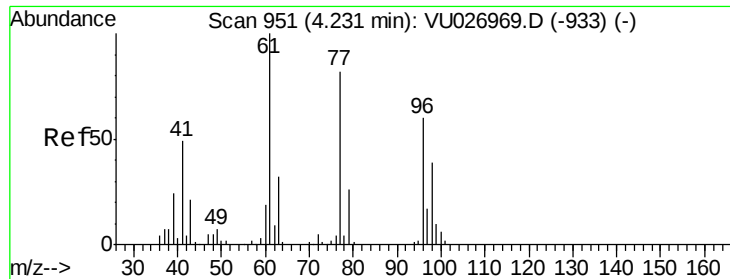
10000

0

4.15 4.20 4.25 4.30

Time-->



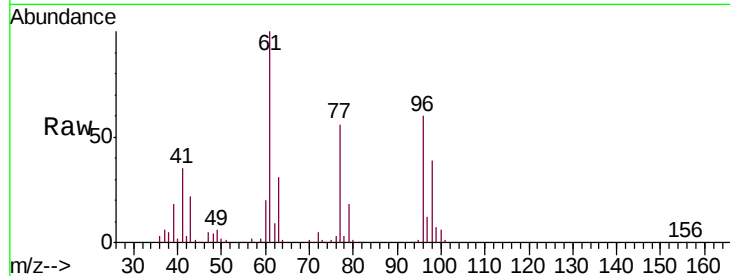


#27

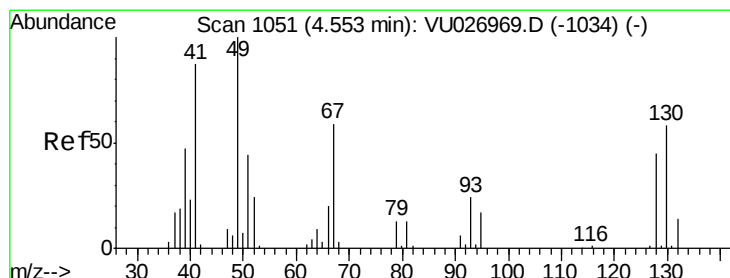
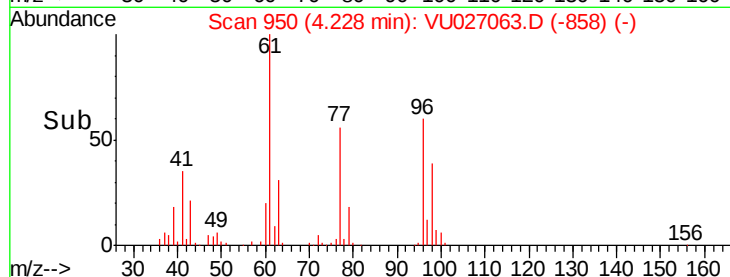
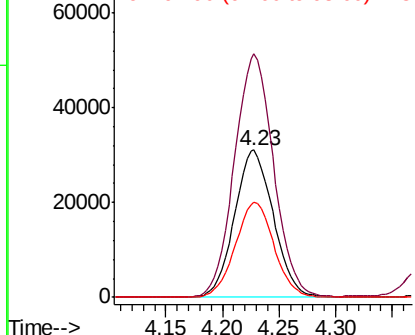
cis-1,2-Dichloroethene
 Concen: 54.106 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU027063.D
 Acq: 23 Sep 2018 10:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 74281
 Ion Ratio Lower Upper
 96 100
 61 166.8 0.0 337.2
 98 64.5 0.0 127.6



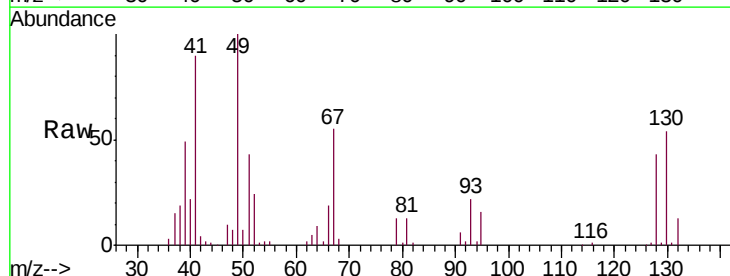
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



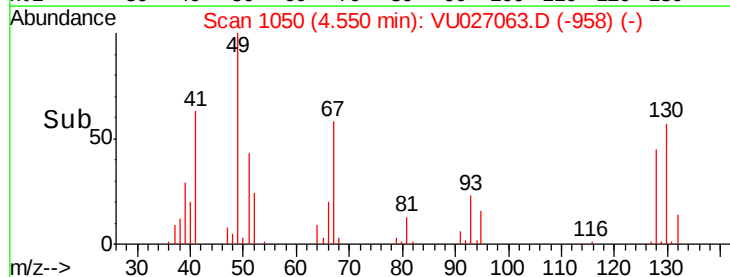
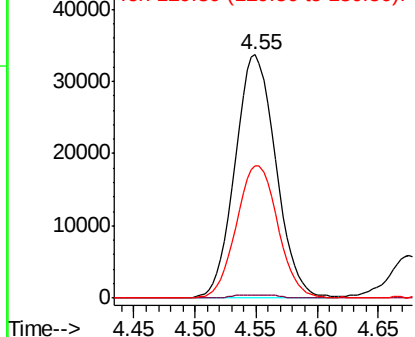
#28

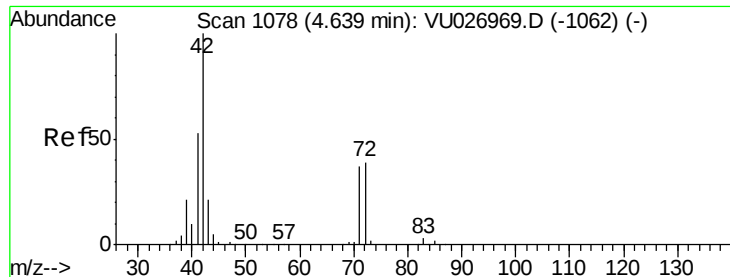
Bromochloromethane
 Concen: 59.716 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU027063.D
 Acq: 23 Sep 2018 10:20

Tgt Ion: 49 Resp: 78312
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.0
 130 54.9 47.8 71.8



Abundance Ion 48.90 (48.60 to 49.60): VU0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 290.621 ug/l

RT: 4.64 min Scan# 1077

Delta R.T. -0.00 min

Lab File: VU027063.D

Acq: 23 Sep 2018 10:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

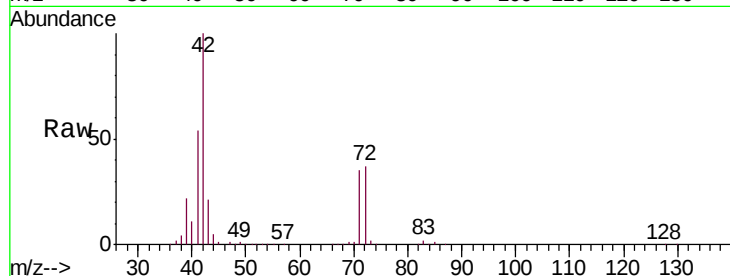
Tgt Ion: 42 Resp: 245142

Ion Ratio Lower Upper

42 100

72 37.7 31.7 47.5

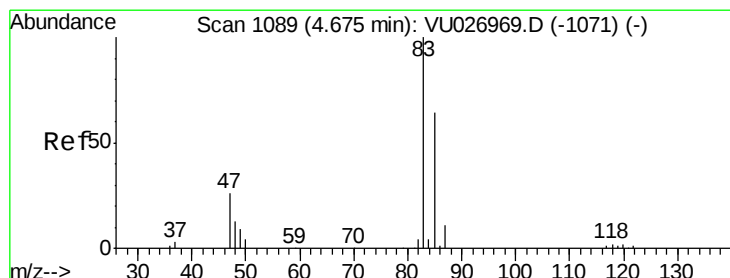
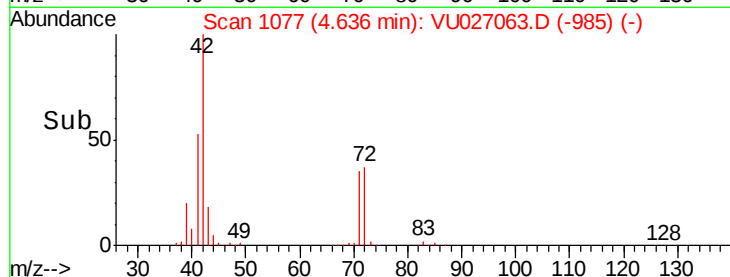
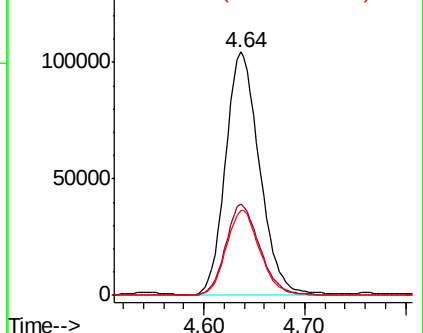
71 34.9 29.6 44.4



Abundance Ion 42.00 (41.70 to 42.70): VU026969.D (-1062) (-)

Ion 72.00 (71.70 to 72.70): VU026969.D (-1062) (-)

Ion 71.00 (70.70 to 71.70): VU026969.D (-1062) (-)



#30

Chloroform

Concen: 52.783 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VU027063.D

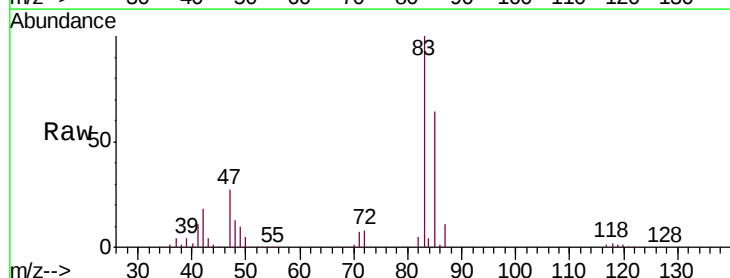
Acq: 23 Sep 2018 10:20

Tgt Ion: 83 Resp: 133291

Ion Ratio Lower Upper

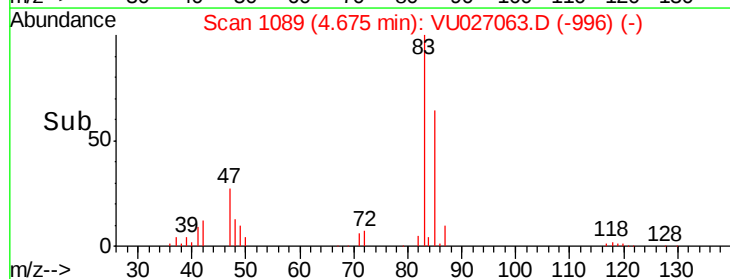
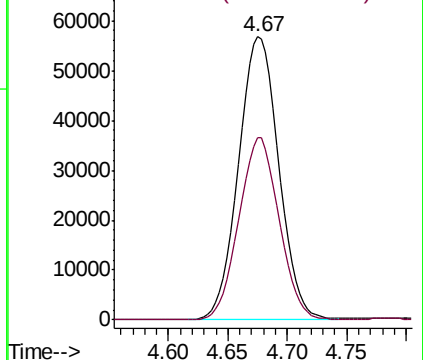
83 100

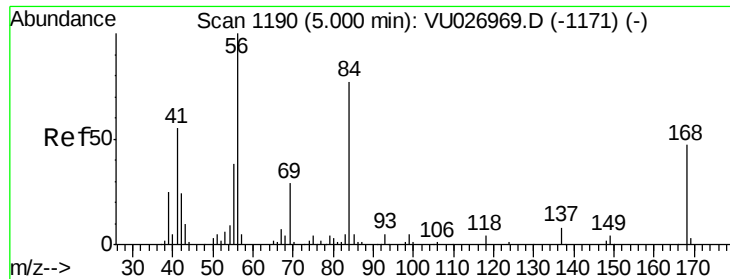
85 64.3 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU026969.D (-1071) (-)

Ion 84.90 (84.60 to 85.60): VU026969.D (-1071) (-)

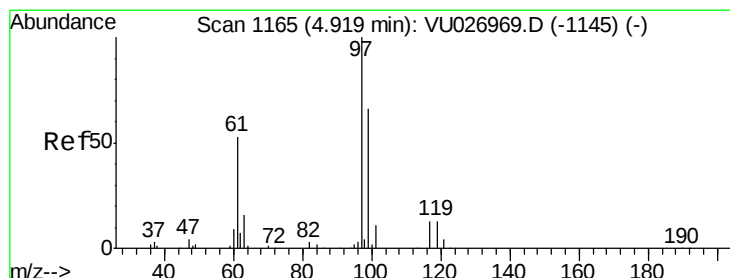
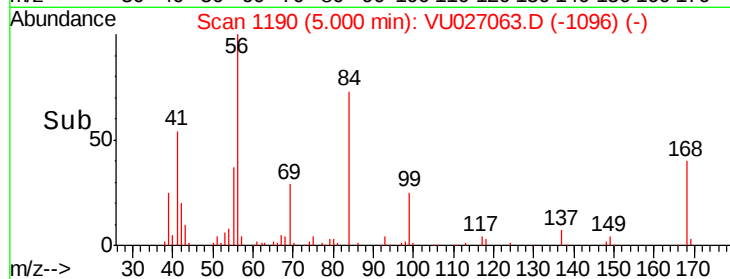
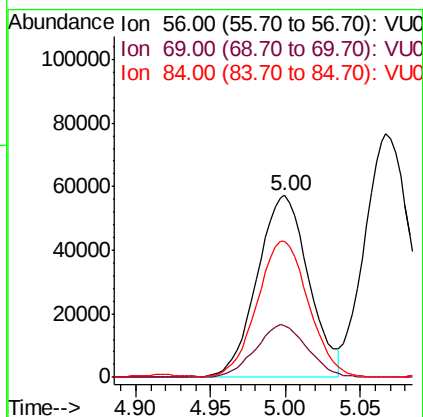
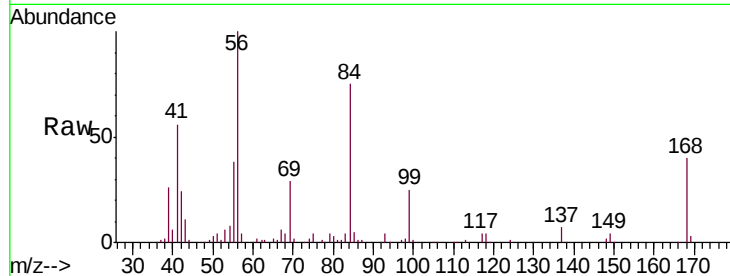




#31
Cyclohexane
Concen: 55.386 ug/l
RT: 5.00 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

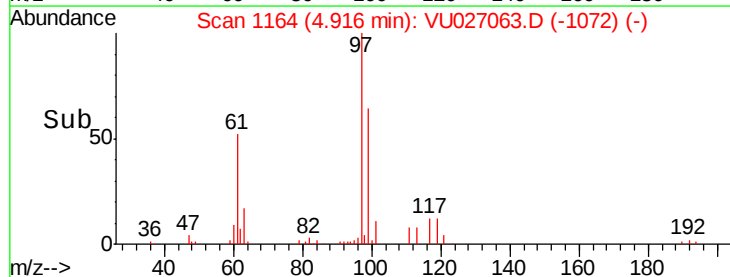
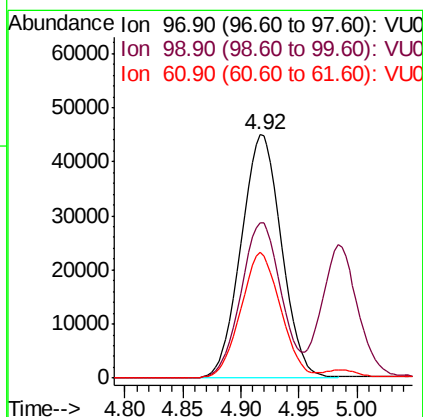
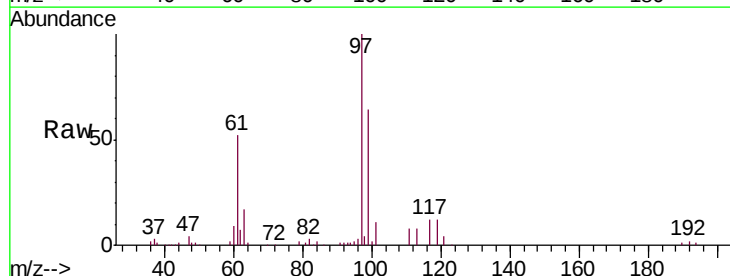
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

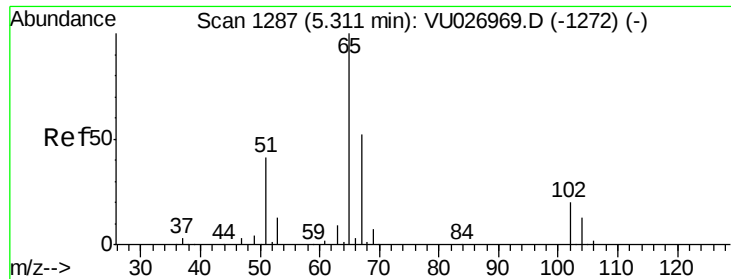
Tgt Ion: 56 Resp: 136814
Ion Ratio Lower Upper
56 100
69 28.6 23.0 34.4
84 74.0 61.4 92.2



#32
1,1,1-Trichloroethane
Concen: 54.300 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

Tgt Ion: 97 Resp: 109482
Ion Ratio Lower Upper
97 100
99 64.1 51.8 77.6
61 50.9 41.1 61.7

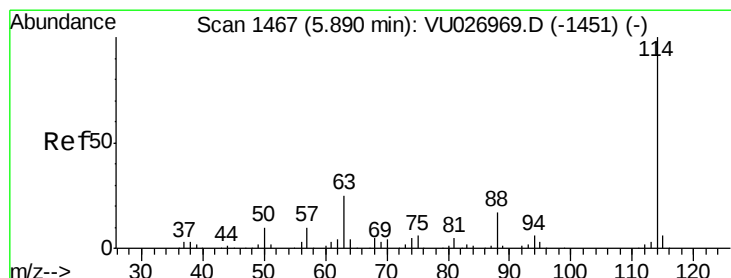
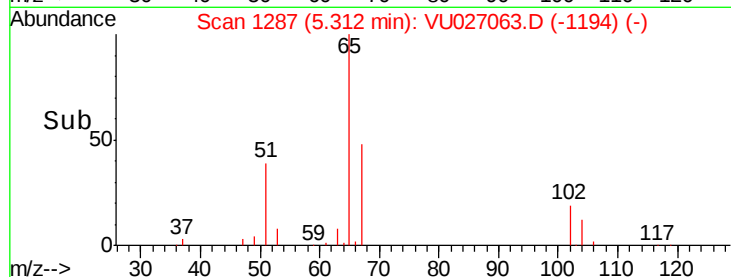
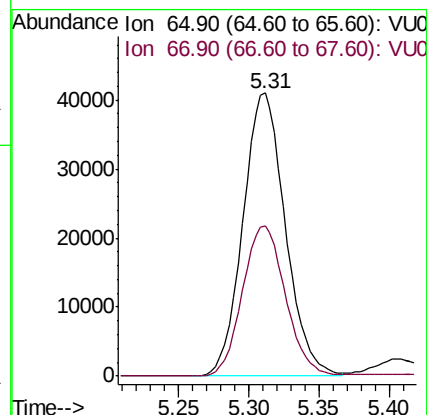
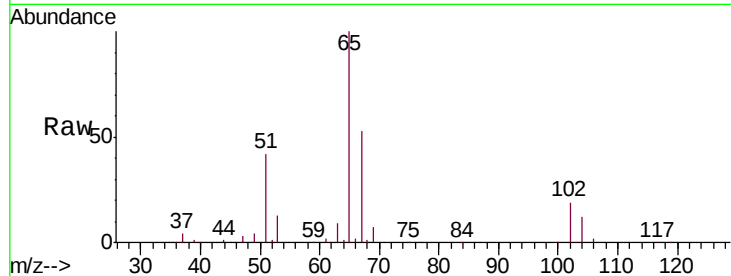




#33
 1,2-Dichloroethane-d4
 Concen: 51.987 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027063.D
 Acq: 23 Sep 2018 10:20

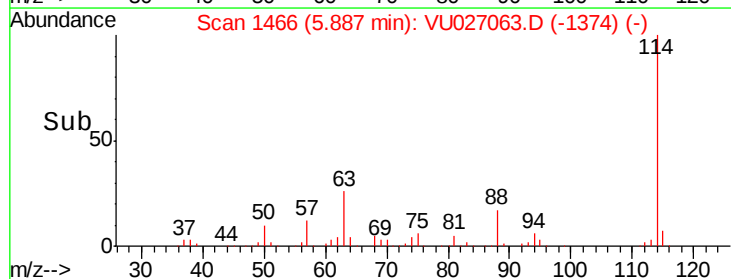
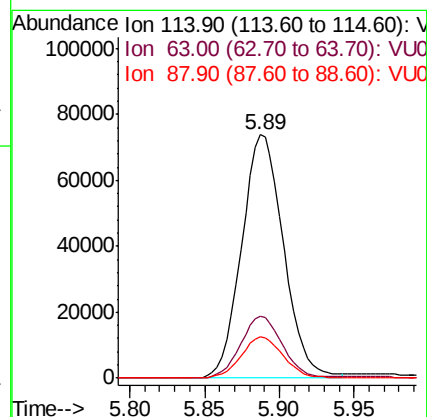
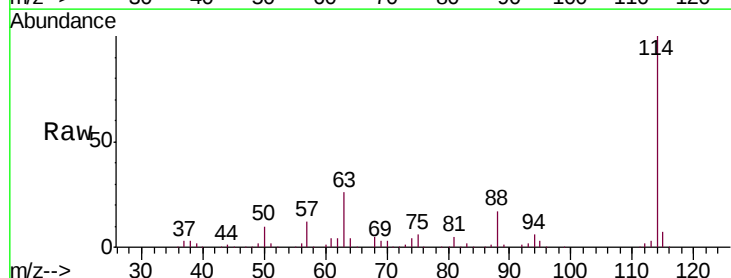
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

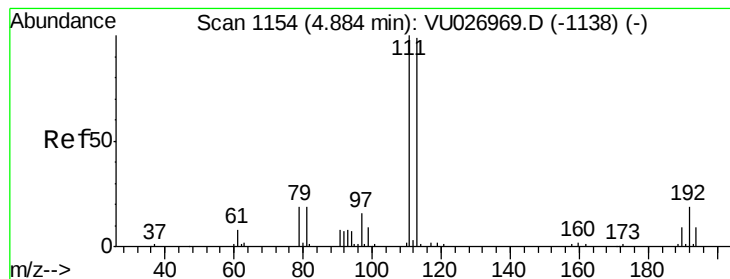
Tgt Ion: 65 Resp: 86258
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027063.D
 Acq: 23 Sep 2018 10:20

Tgt Ion: 114 Resp: 143940
 Ion Ratio Lower Upper
 114 100
 63 25.6 0.0 49.2
 88 16.9 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.925 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027063.D

Acq: 23 Sep 2018 10:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

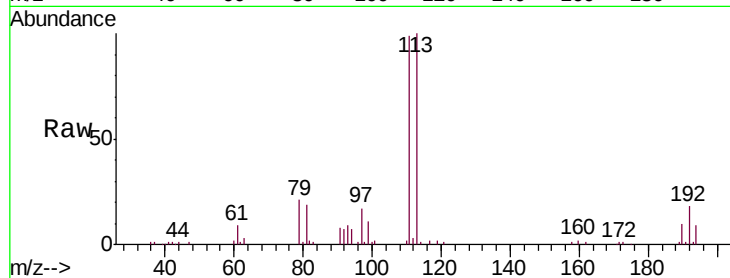
Tgt Ion:113 Resp: 62290

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

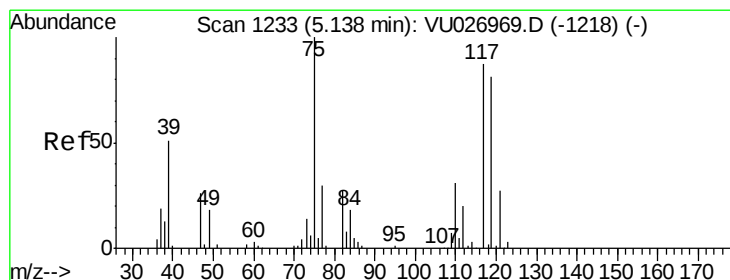
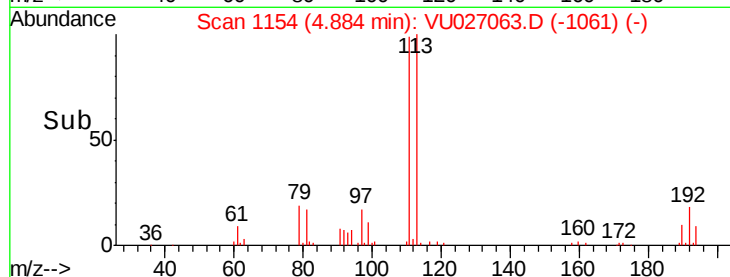
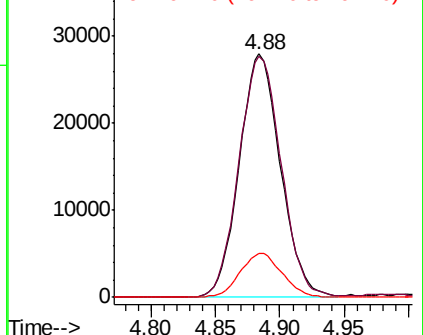
192 18.3 15.2 22.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.793 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU027063.D

Acq: 23 Sep 2018 10:20

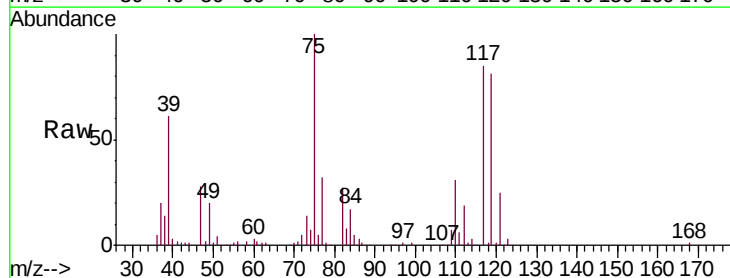
Tgt Ion: 75 Resp: 99496

Ion Ratio Lower Upper

75 100

110 31.3 16.1 48.2

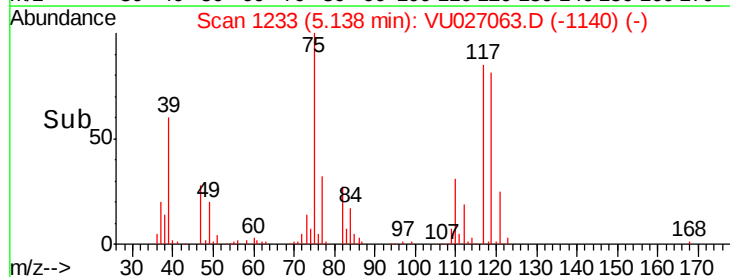
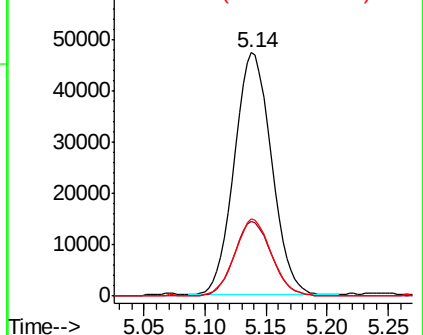
77 30.9 24.6 36.8

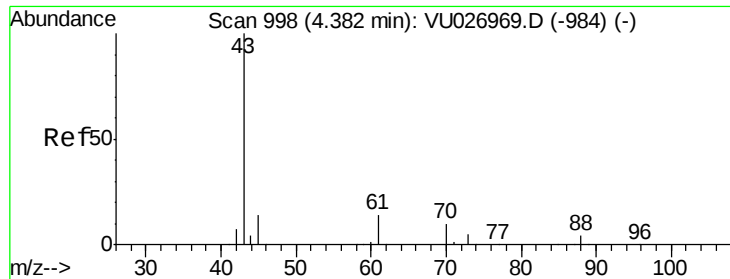


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#37

Ethyl Acetate

Concen: 53.122 ug/l

RT: 4.38 min Scan# 998

Delta R.T. 0.00 min

Lab File: VU027063.D

Acq: 23 Sep 2018 10:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

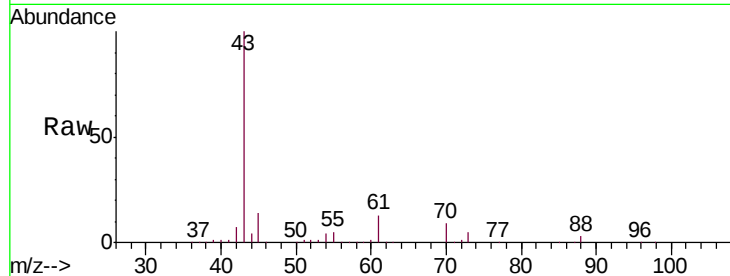
Tgt Ion: 43 Resp: 138148

Ion Ratio Lower Upper

43 100

61 12.7 10.5 15.7

70 8.8 7.4 11.0

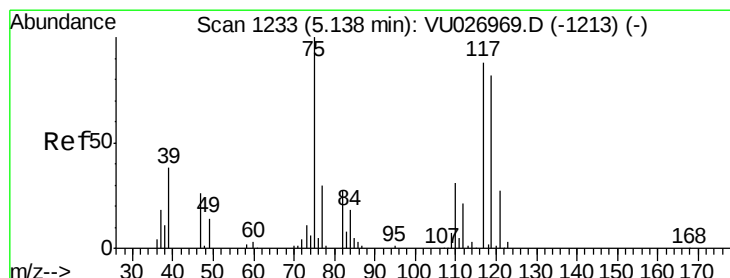
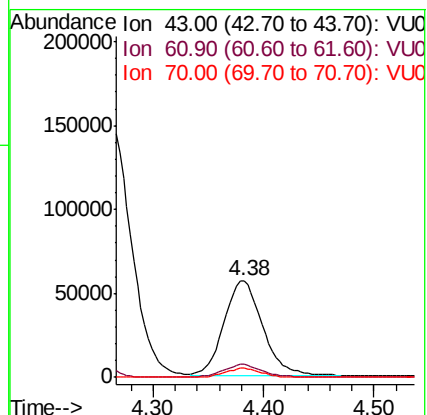
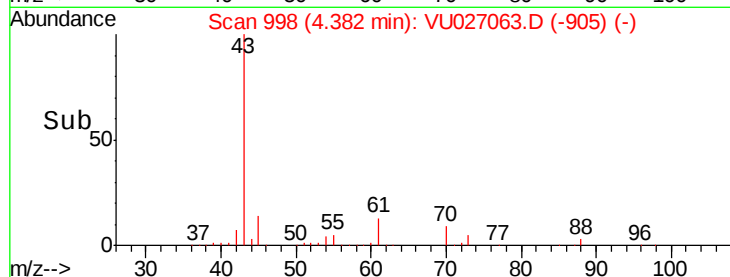


Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-984) (-)

Ion 60.90 (60.60 to 61.60): VU026969.D (-984) (-)

Ion 70.00 (69.70 to 70.70): VU026969.D (-984) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 50.795 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU027063.D

Acq: 23 Sep 2018 10:20

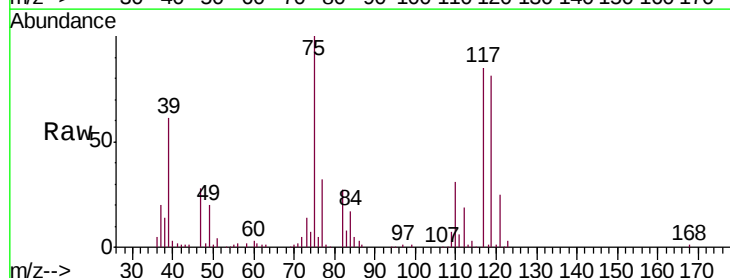
Tgt Ion: 117 Resp: 92860

Ion Ratio Lower Upper

117 100

119 95.8 74.4 111.6

121 29.5 24.2 36.4

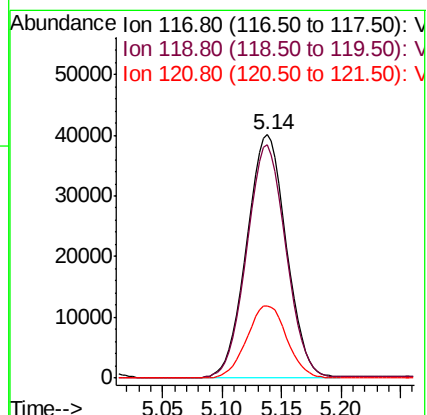
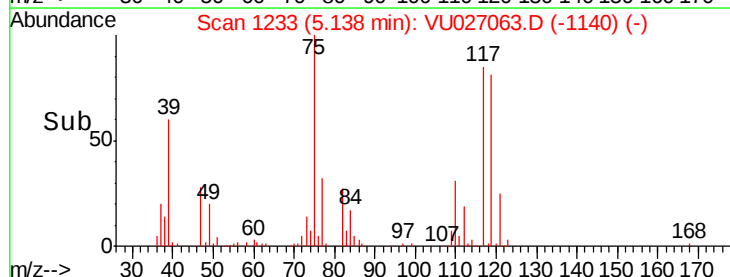


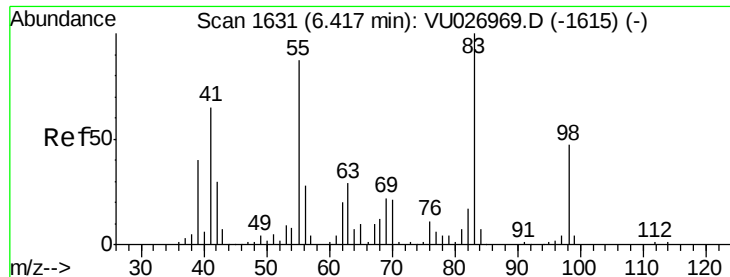
Abundance Ion 116.80 (116.50 to 117.50): VU026969.D (-1213) (-)

Ion 118.80 (118.50 to 119.50): VU026969.D (-1213) (-)

Ion 120.80 (120.50 to 121.50): VU026969.D (-1213) (-)

Time-->

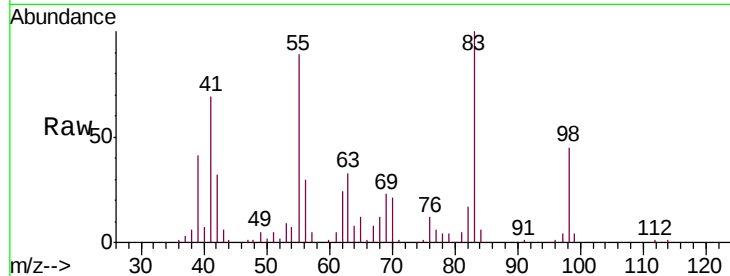




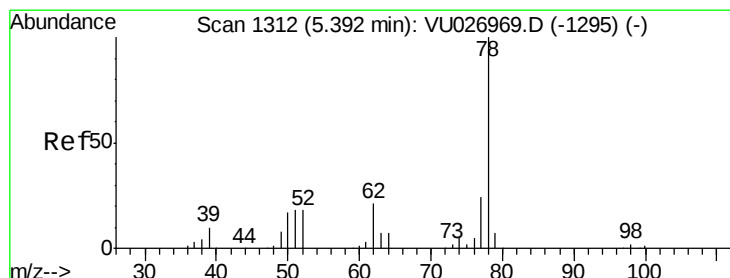
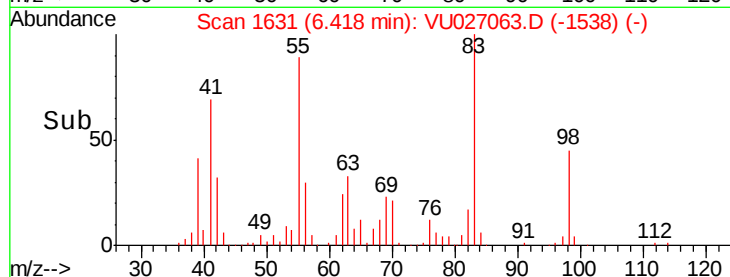
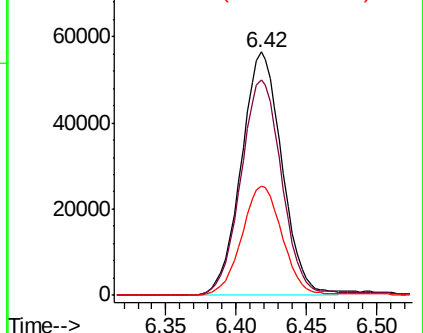
#39
Methylcyclohexane
Concen: 54.660 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 114110
Ion Ratio Lower Upper
83 100
55 88.7 69.9 104.9
98 45.0 37.5 56.3

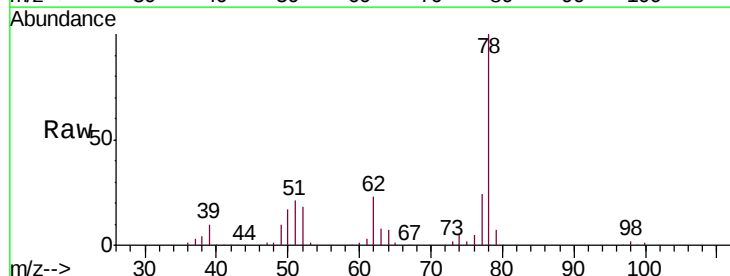


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

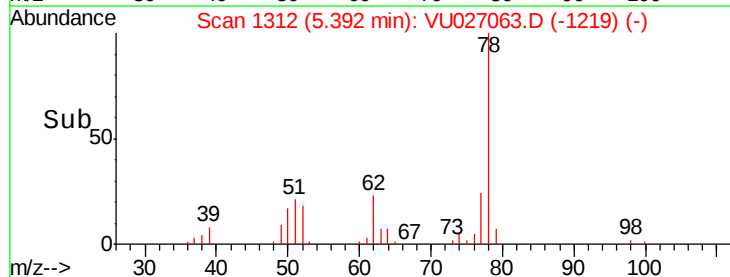
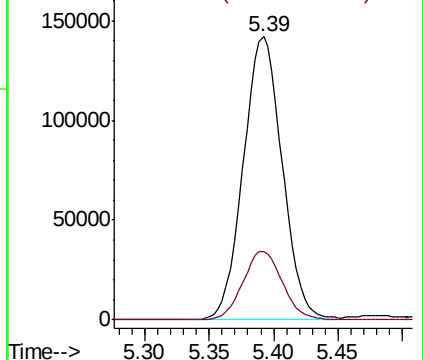


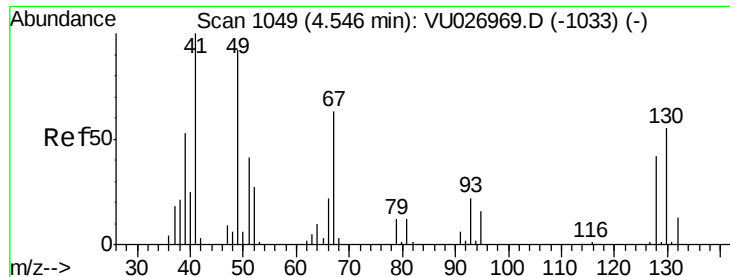
#40
Benzene
Concen: 51.201 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

Tgt Ion: 78 Resp: 299008
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

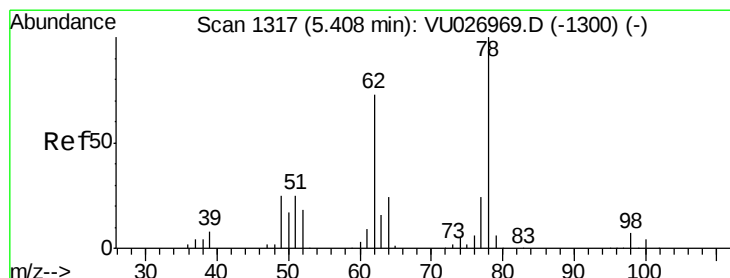
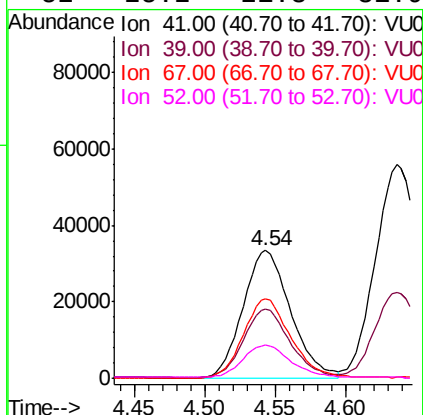
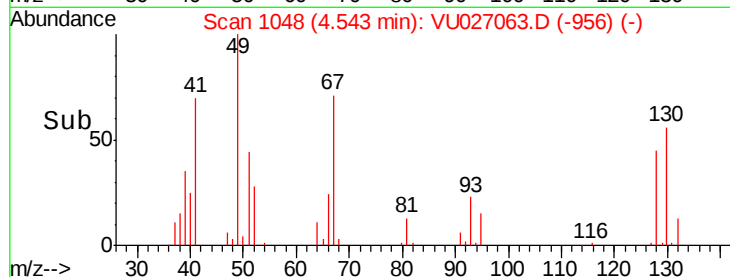
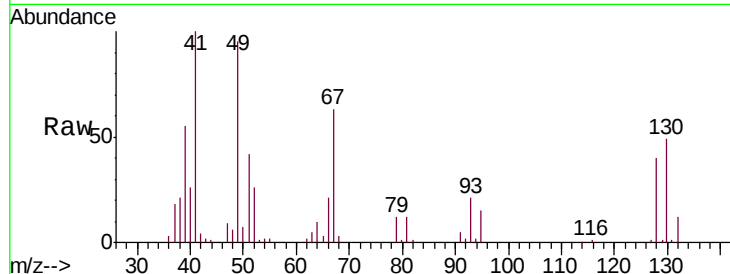




#41
Methacrylonitrile
Concen: 58.582 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

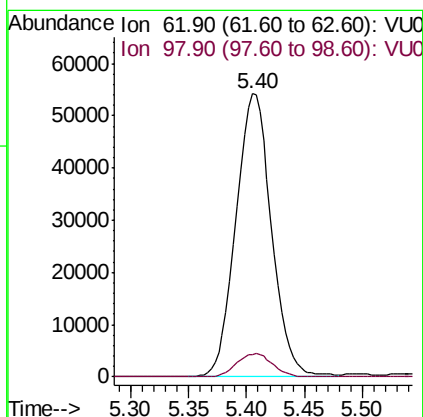
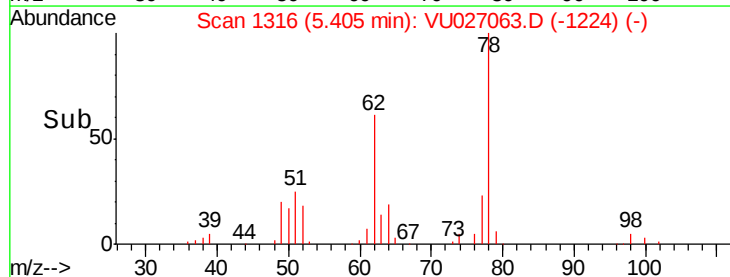
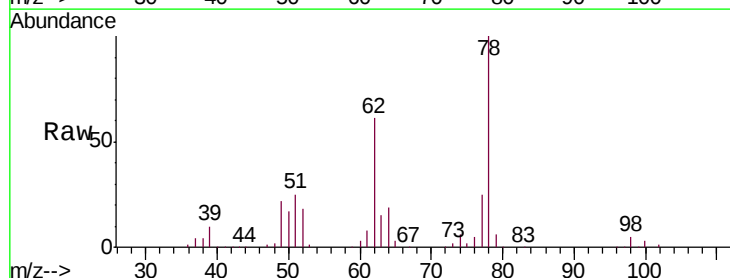
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

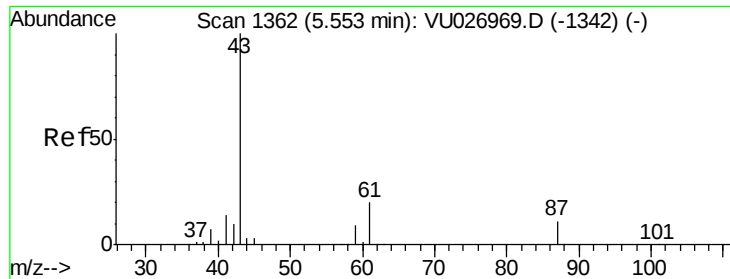
Tgt Ion:	41	Resp:	79121
Ion	Ratio	Lower	Upper
41	100		
39	52.7	42.9	64.3
67	61.9	52.4	78.6
52	25.2	21.3	31.9



#42
1,2-Dichloroethane
Concen: 52.427 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

Tgt Ion:	62	Resp:	115676
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.0

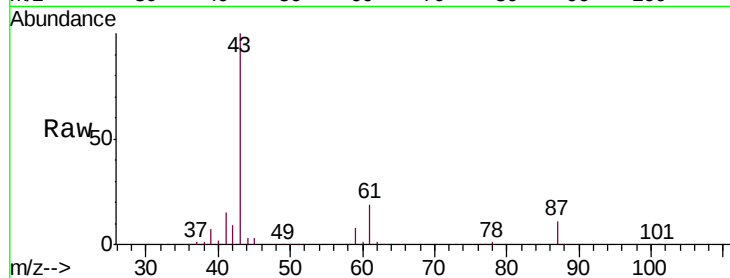




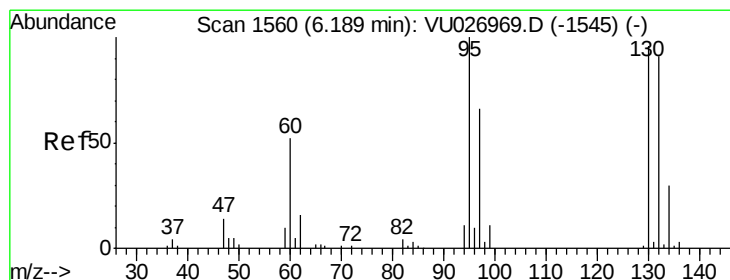
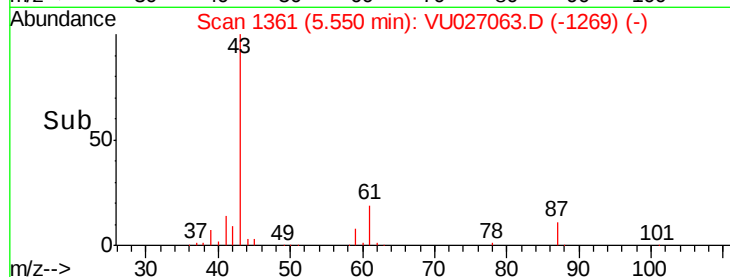
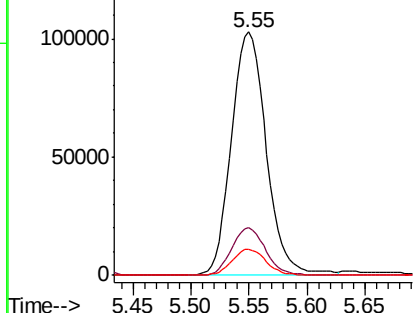
#43
Isopropyl Acetate
Concen: 56.483 ug/l
RT: 5.55 min Scan# 1361
Delta R.T. -0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 214220
Ion Ratio Lower Upper
43 100
61 19.0 15.7 23.5
87 10.7 9.0 13.4

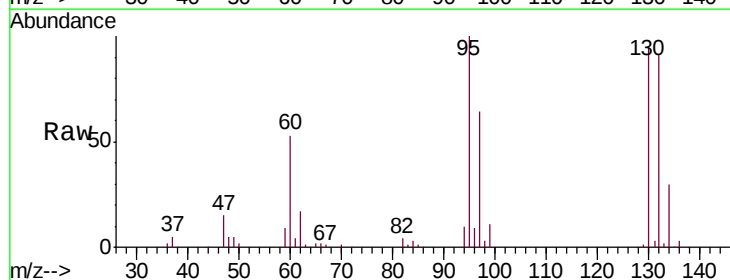


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

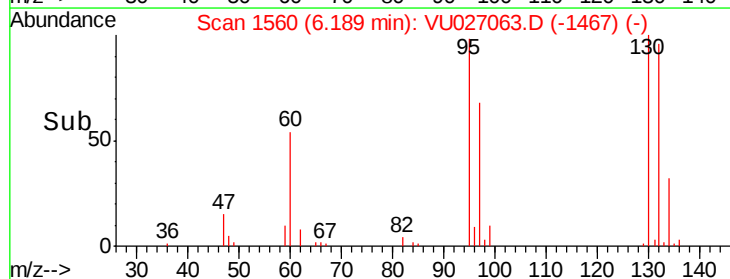
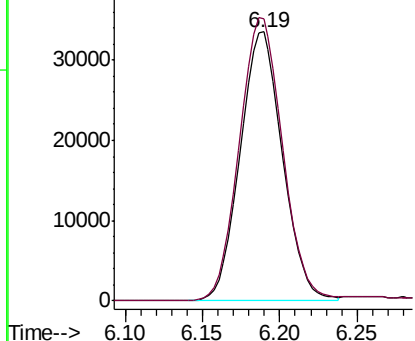


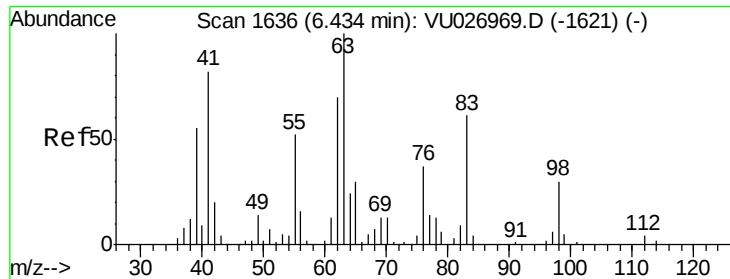
#44
Trichloroethene
Concen: 51.549 ug/l
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

Tgt Ion: 130 Resp: 64089
Ion Ratio Lower Upper
130 100
95 105.1 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VU0





#45

1,2-Dichloropropane

Concen: 53.760 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VU027063.D

Acq: 23 Sep 2018 10:20

Instrument :

MSVOA_U

ClientSampleId :

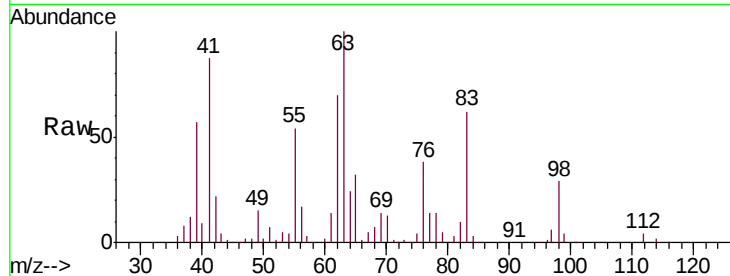
VSTDCCC050EC

Tgt Ion: 63 Resp: 89456

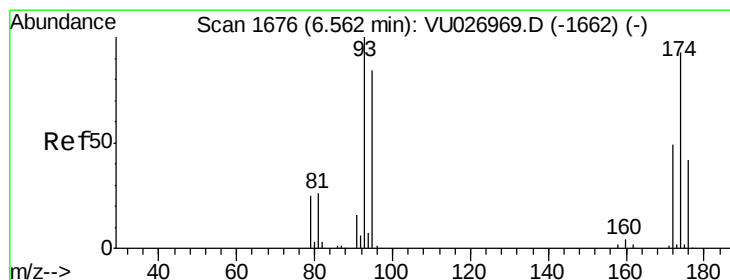
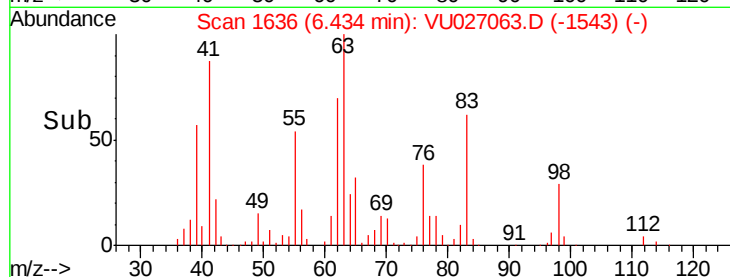
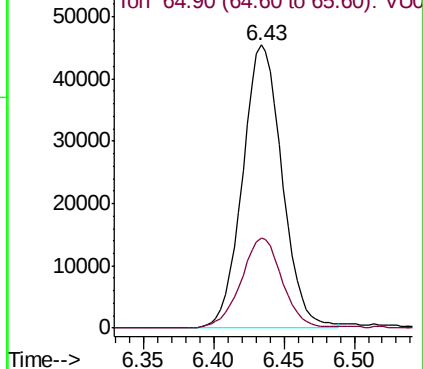
Ion Ratio Lower Upper

63 100

65 31.8 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VU026969.D (-1621) (-)



#46

Dibromomethane

Concen: 51.472 ug/l

RT: 6.56 min Scan# 1675

Delta R.T. -0.00 min

Lab File: VU027063.D

Acq: 23 Sep 2018 10:20

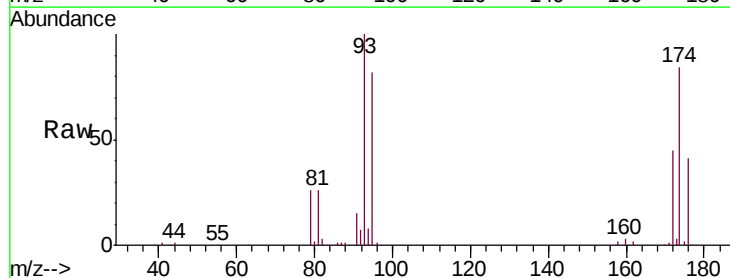
Tgt Ion: 93 Resp: 51728

Ion Ratio Lower Upper

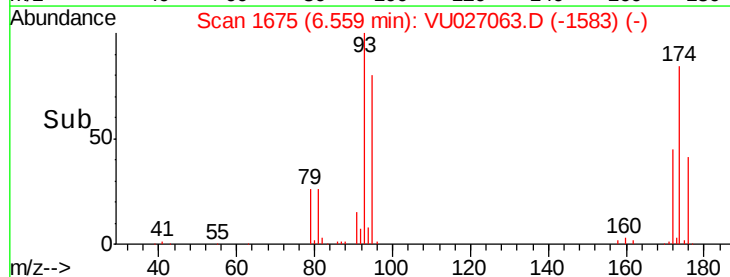
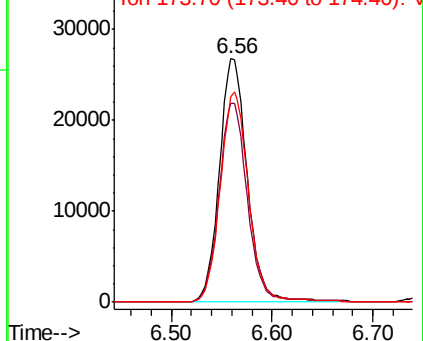
93 100

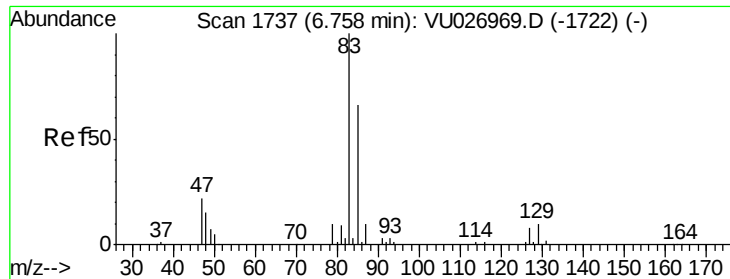
95 83.5 66.2 99.4

174 86.7 71.7 107.5



Abundance Ion 92.80 (92.50 to 93.50): VU026969.D (-1662) (-)

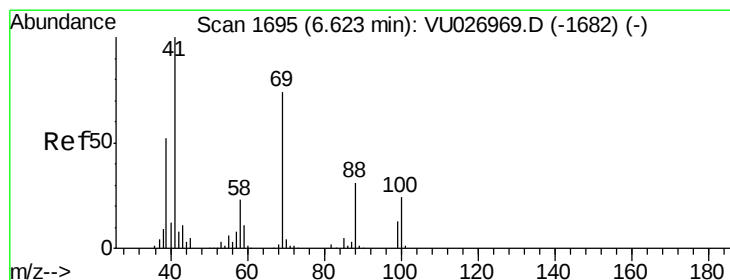
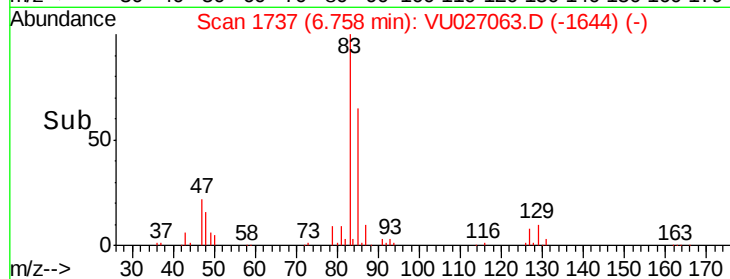
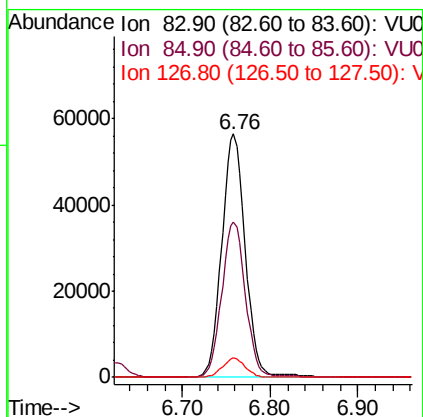
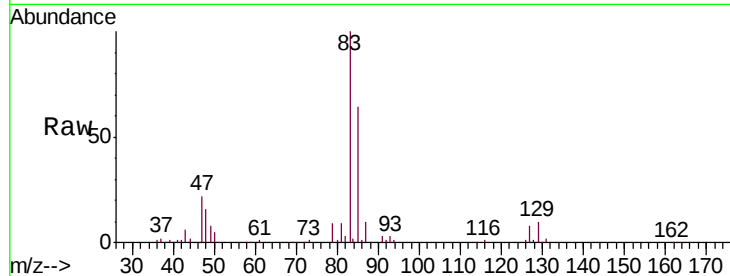




#47
Bromodichloromethane
Concen: 51.766 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

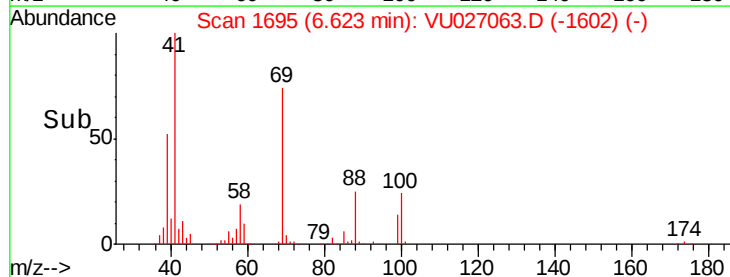
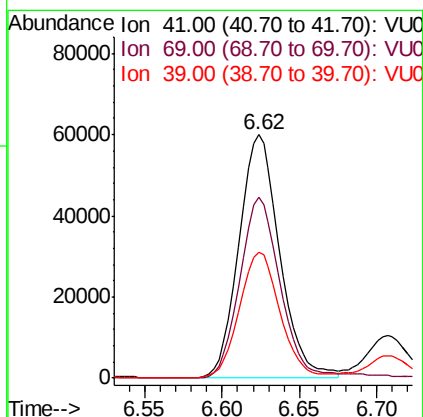
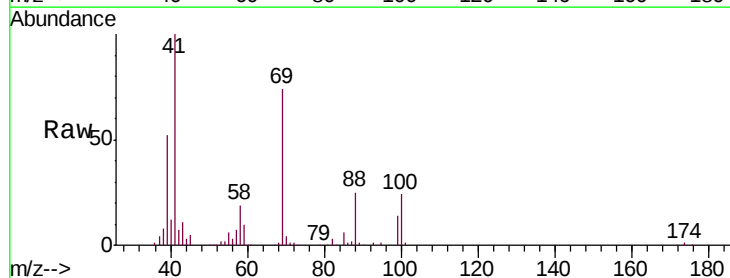
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

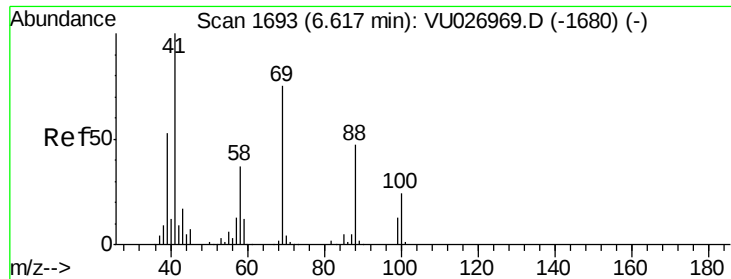
Tgt Ion: 83 Resp: 105193
Ion Ratio Lower Upper
83 100
85 63.7 52.5 78.7
127 7.8 6.3 9.5



#48
Methyl methacrylate
Concen: 53.330 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

Tgt Ion: 41 Resp: 110228
Ion Ratio Lower Upper
41 100
69 75.5 60.6 90.8
39 51.8 42.8 64.2

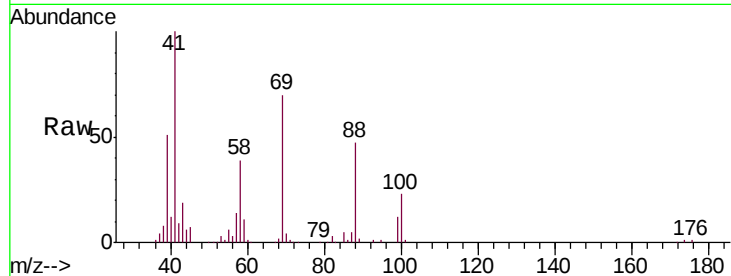




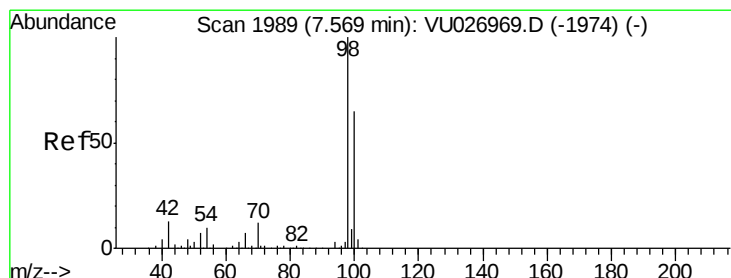
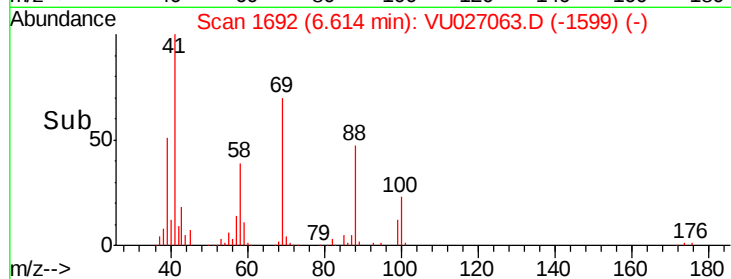
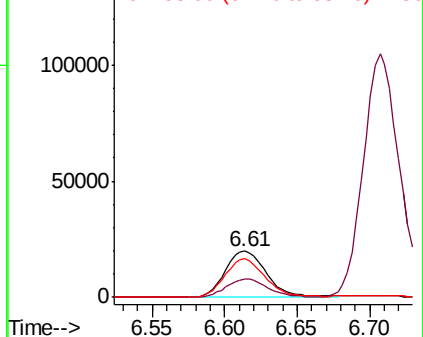
#49
1,4-Dioxane
Concen: 948.043 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 38869
Ion Ratio Lower Upper
88 100
43 41.0 29.8 44.8
58 83.1 63.9 95.9

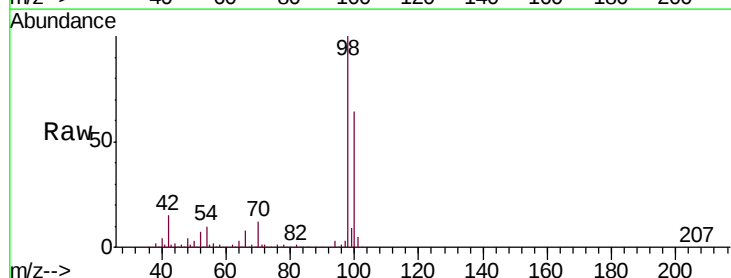


Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

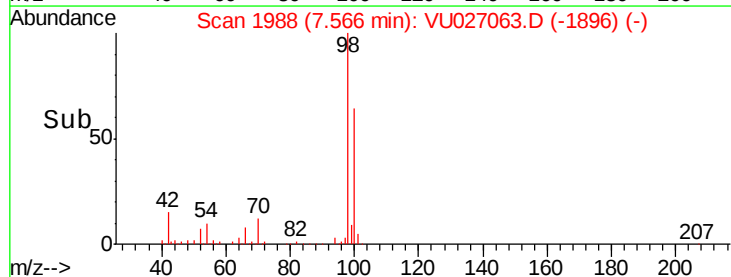
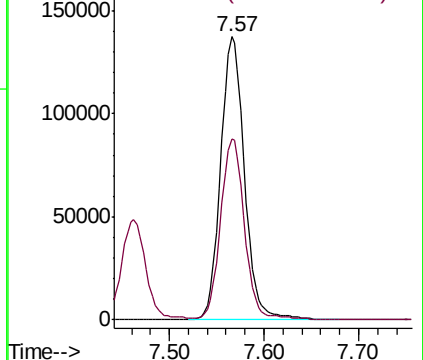


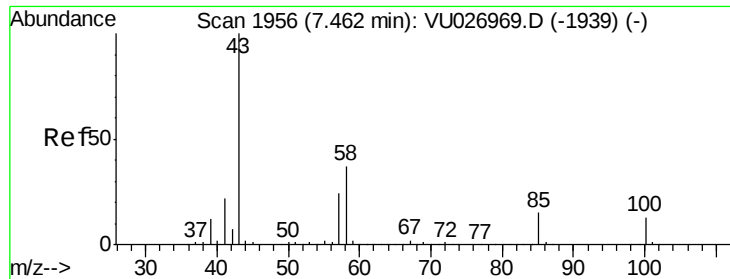
#50
Toluene-d8
Concen: 50.694 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

Tgt Ion: 98 Resp: 241045
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#51

4-Methyl-2-Pentanone

Concen: 286.641 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VU027063.D

Acq: 23 Sep 2018 10:20

Instrument :

MSVOA_U

ClientSampleId :

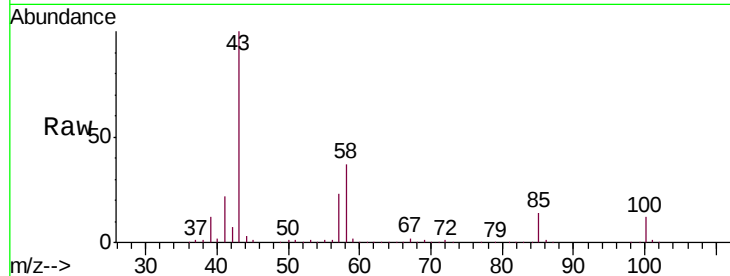
VSTDCCC050EC

Tgt Ion: 43 Resp: 731156

Ion Ratio Lower Upper

43 100

58 37.0 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU026969.D (-1939) (-)

7.46

400000

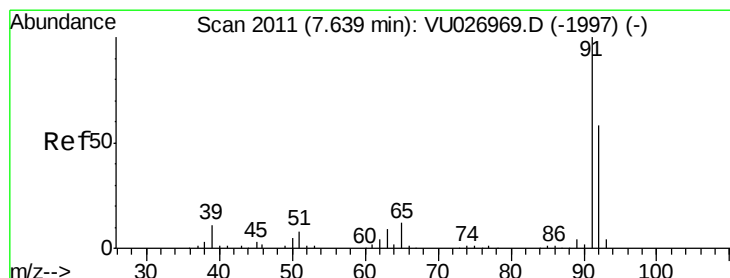
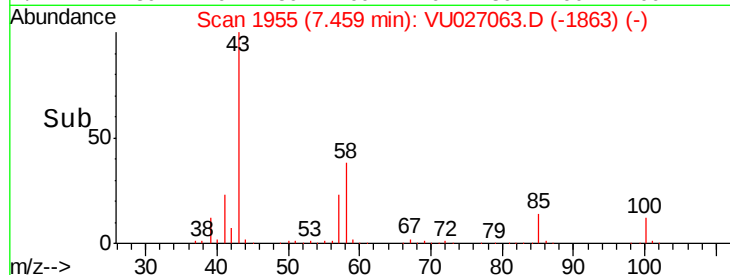
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 54.795 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027063.D

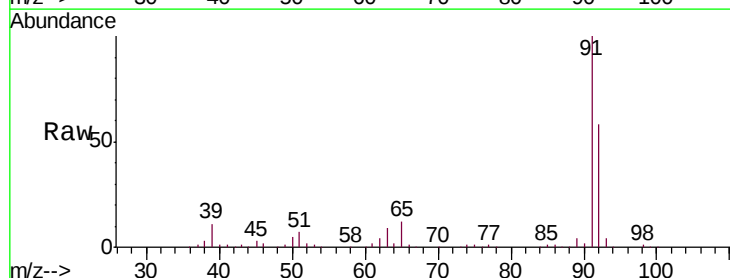
Acq: 23 Sep 2018 10:20

Tgt Ion: 92 Resp: 183424

Ion Ratio Lower Upper

92 100

91 172.7 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU026969.D (-1997) (-)

Ion 91.00 (90.70 to 91.70): VU026969.D (-1997) (-)

7.64

200000

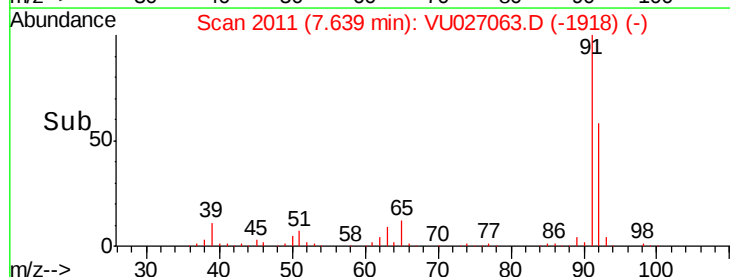
150000

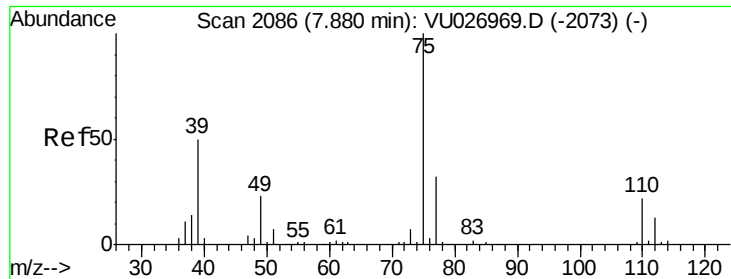
100000

50000

0

Time-->

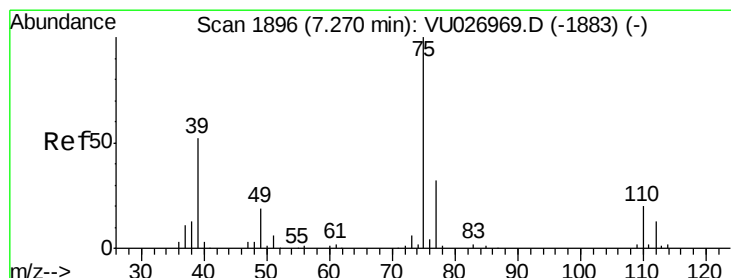
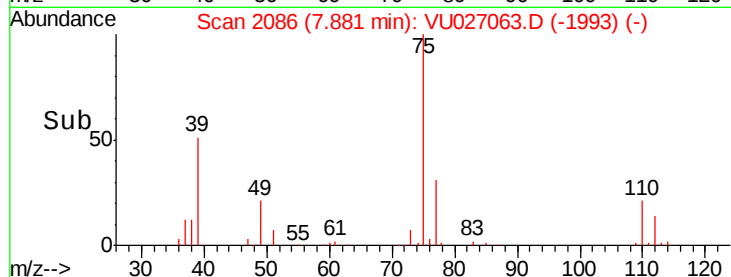
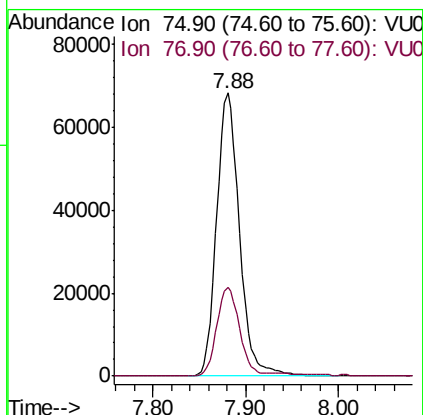
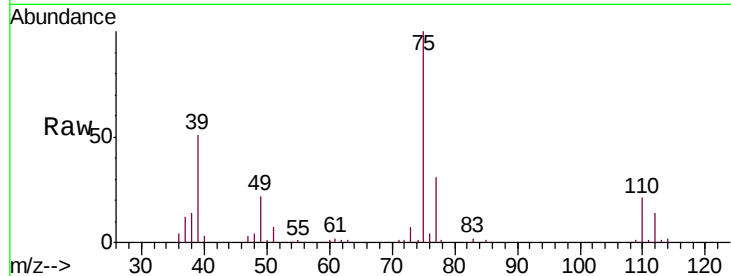




#53
t-1,3-Dichloropropene
Concen: 53.492 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

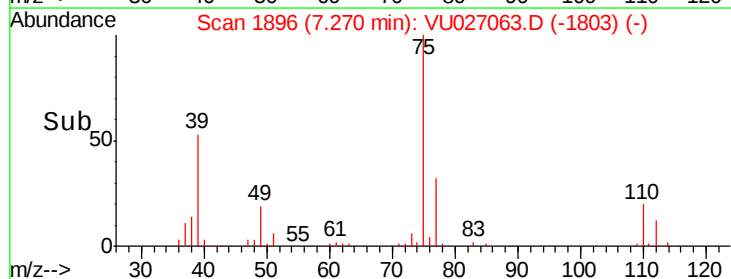
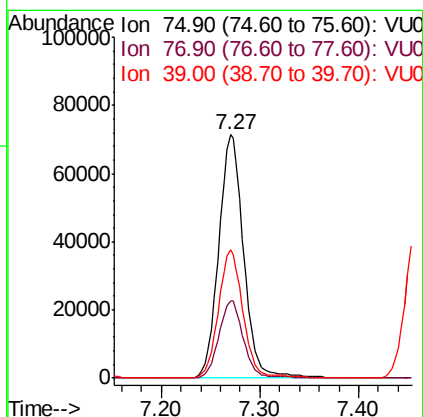
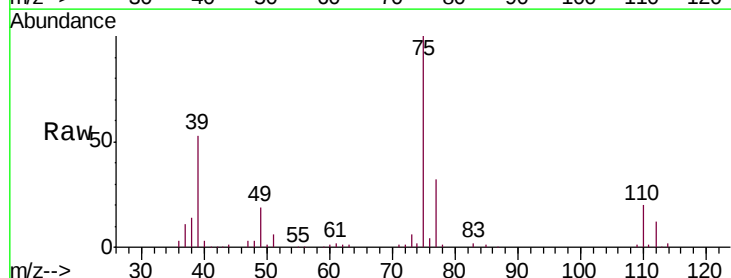
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

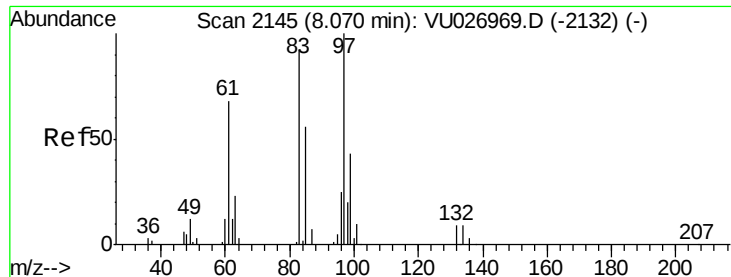
Tgt Ion: 75 Resp: 116790
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 52.668 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

Tgt Ion: 75 Resp: 126435
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0
39 52.5 41.6 62.4

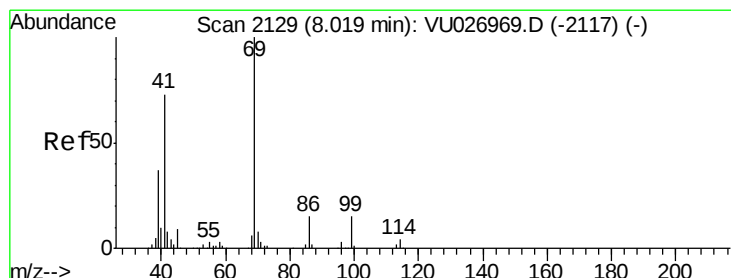
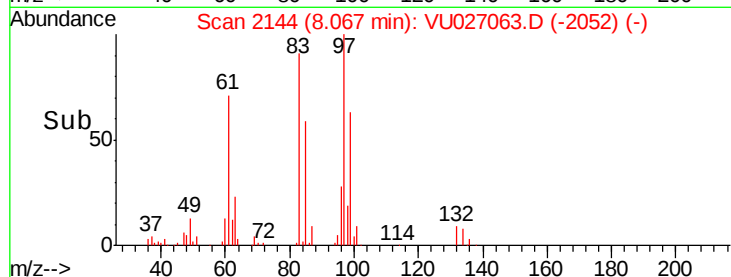
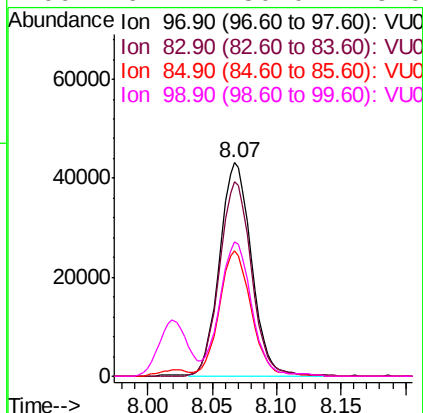
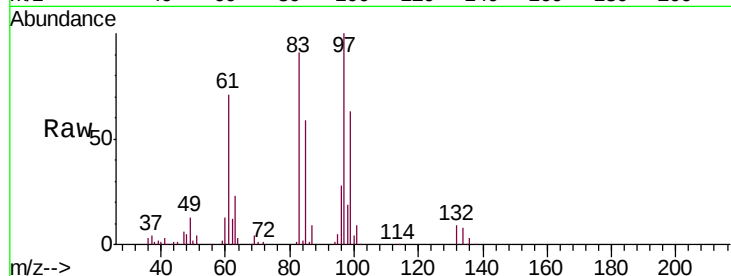




#55
 1,1,2-Trichloroethane
 Concen: 52.587 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027063.D
 Acq: 23 Sep 2018 10:20

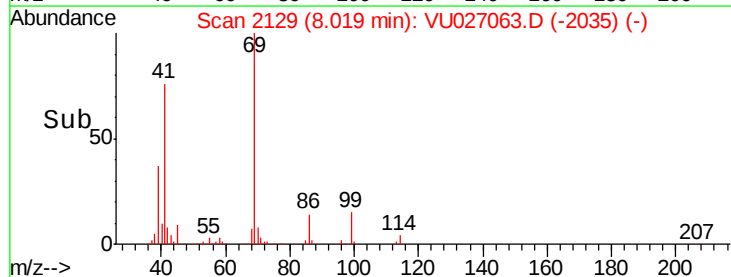
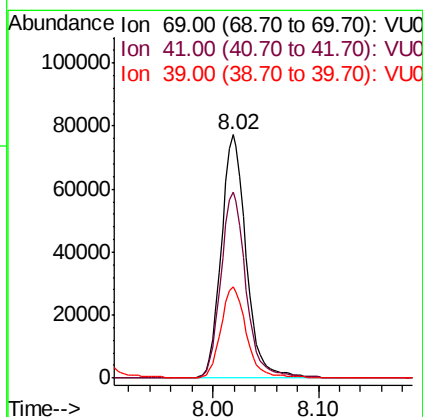
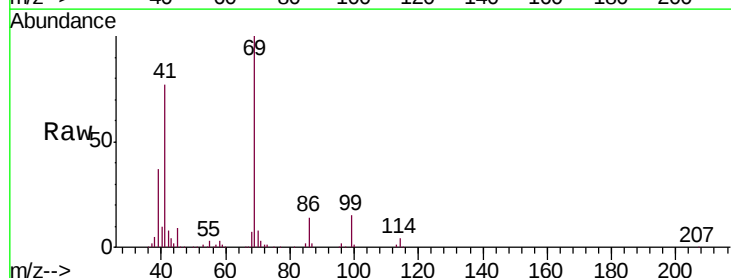
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

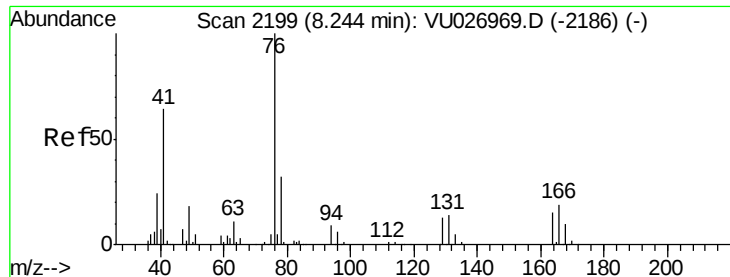
Tgt Ion:	97	Resp:	74590
Ion	Ratio	Lower	Upper
97	100		
83	91.0	73.1	109.7
85	58.6	46.7	70.1
99	62.7	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 51.410 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027063.D
 Acq: 23 Sep 2018 10:20

Tgt Ion:	69	Resp:	126683
Ion	Ratio	Lower	Upper
69	100		
41	77.2	59.0	88.4
39	37.9	30.2	45.4

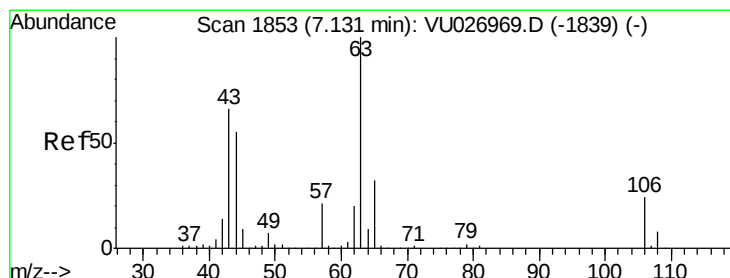
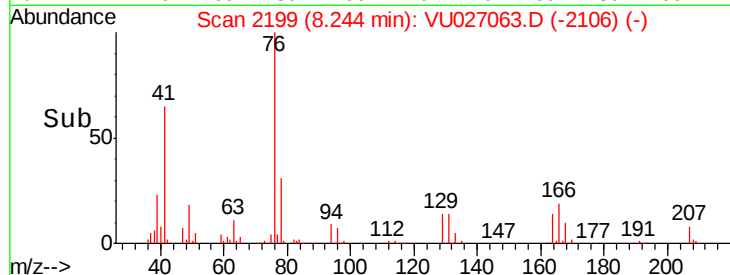
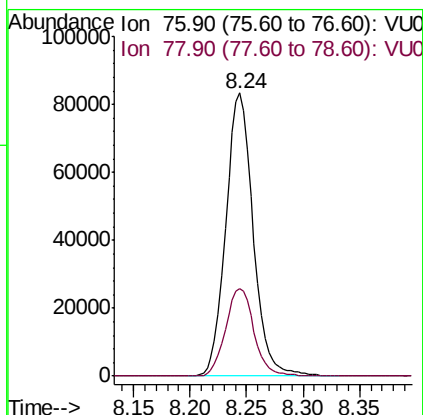
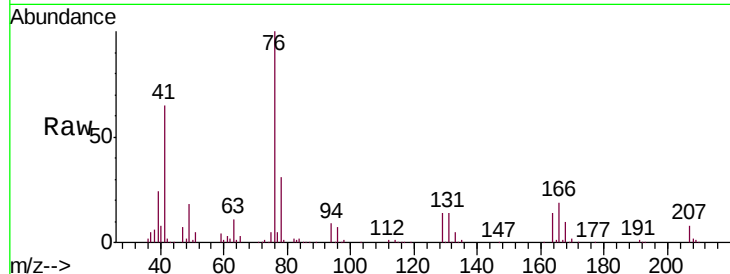




#57
 1,3-Dichloropropane
 Concen: 53.316 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027063.D
 Acq: 23 Sep 2018 10:20

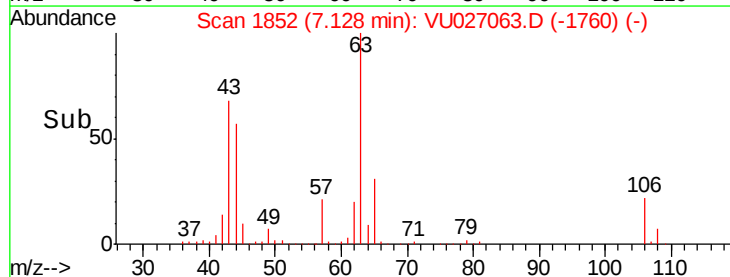
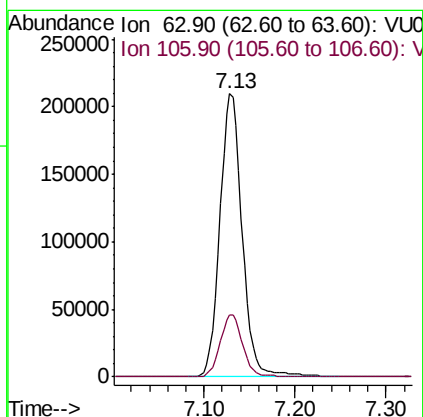
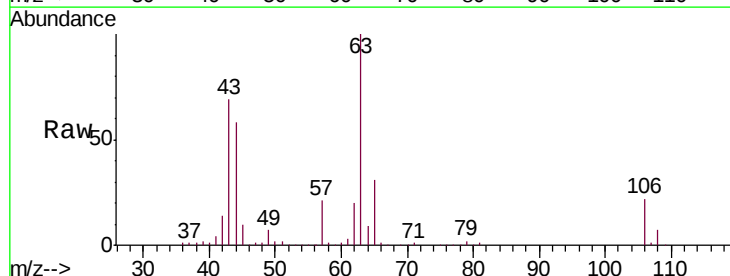
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

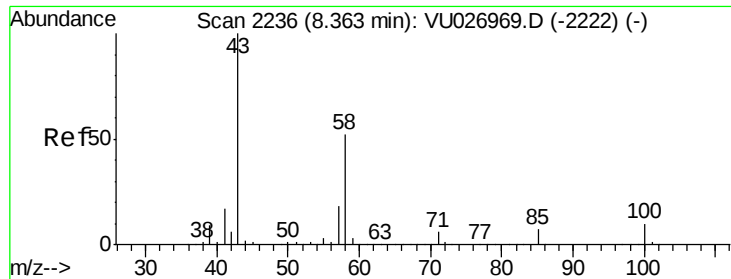
Tgt Ion: 76 Resp: 140653
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 255.424 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VU027063.D
 Acq: 23 Sep 2018 10:20

Tgt Ion: 63 Resp: 356901
 Ion Ratio Lower Upper
 63 100
 106 22.4 18.7 28.1

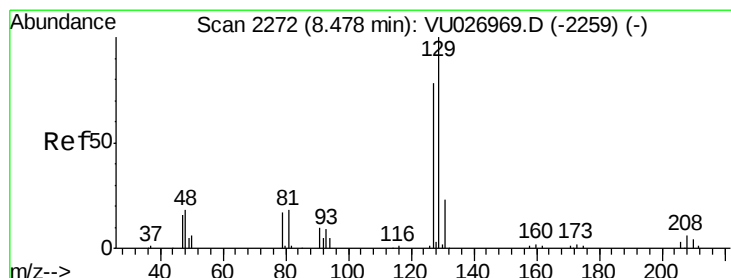
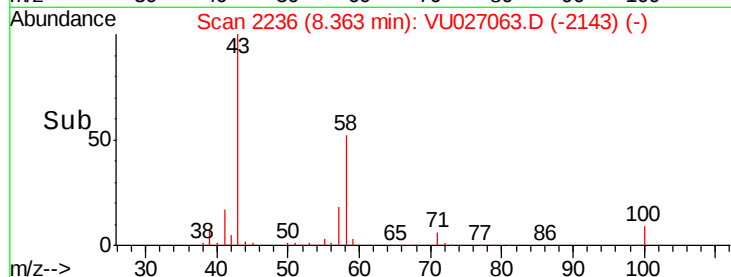
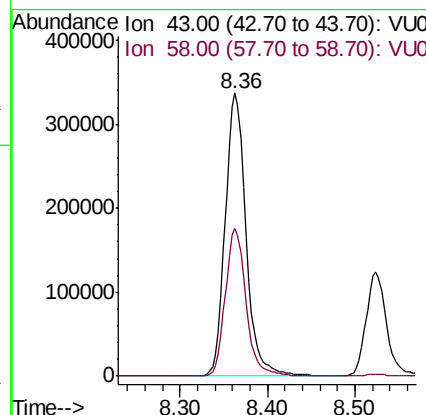
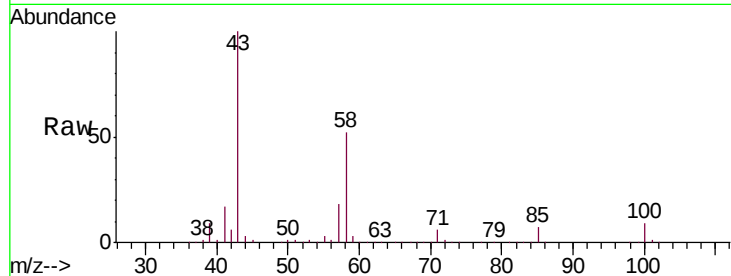




#59
 2-Hexanone
 Concen: 279.960 ug/l
 RT: 8.36 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: VU027063.D
 Acq: 23 Sep 2018 10:20

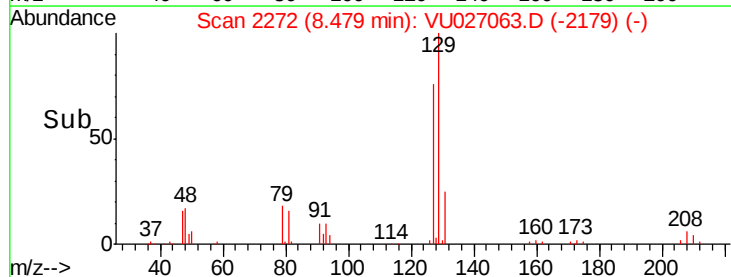
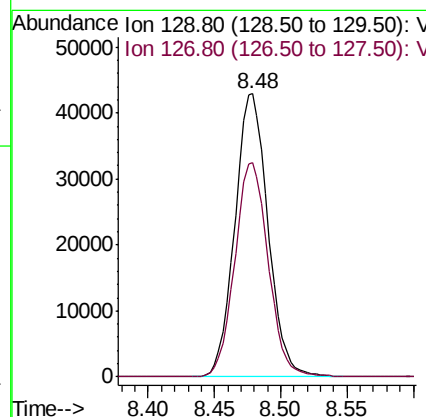
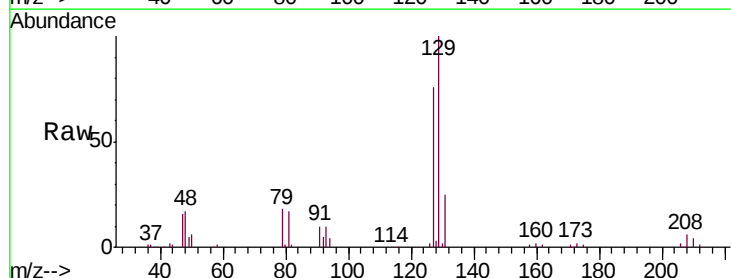
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

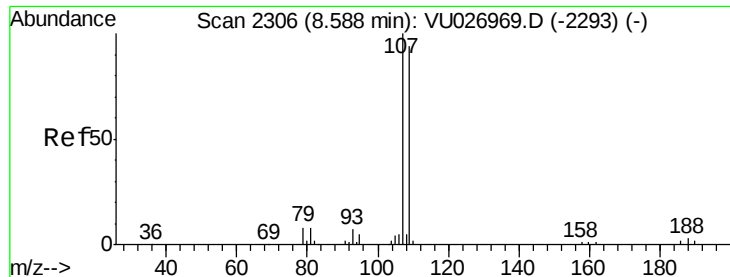
Tgt Ion: 43 Resp: 558994
 Ion Ratio Lower Upper
 43 100
 58 51.9 26.1 78.2



#60
 Dibromochloromethane
 Concen: 53.609 ug/l
 RT: 8.48 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VU027063.D
 Acq: 23 Sep 2018 10:20

Tgt Ion: 129 Resp: 74586
 Ion Ratio Lower Upper
 129 100
 127 76.6 38.1 114.5

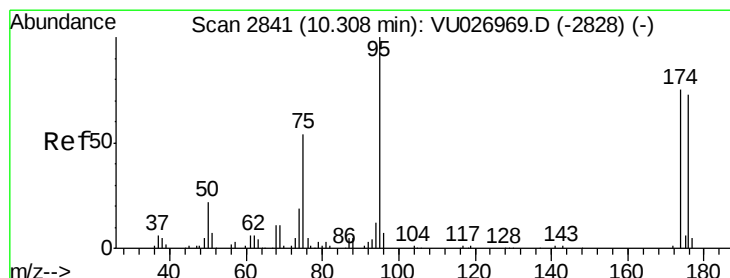
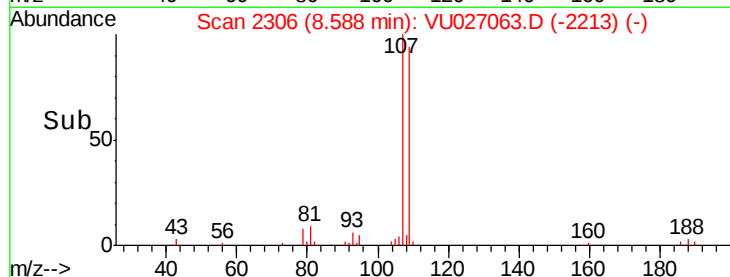
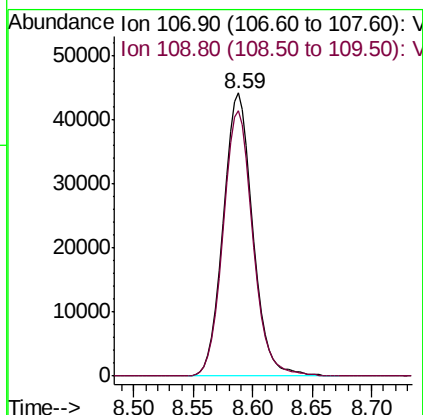
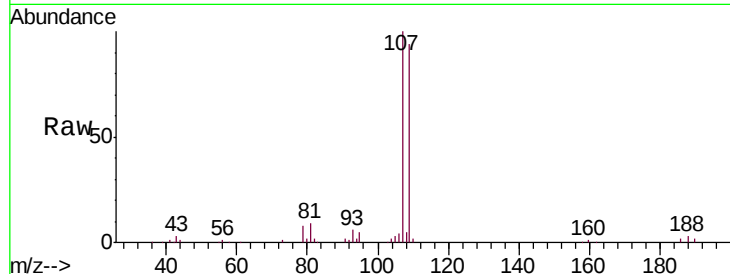




#61
 1,2-Dibromoethane
 Concen: 51.543 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VU027063.D
 Acq: 23 Sep 2018 10:20

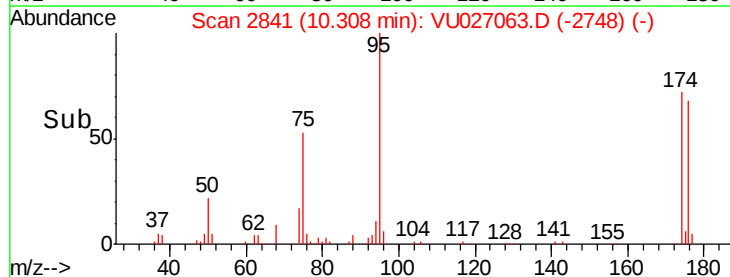
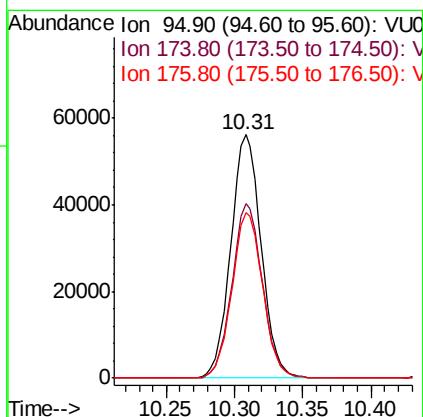
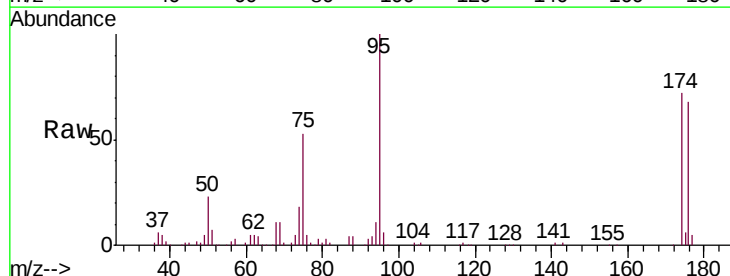
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

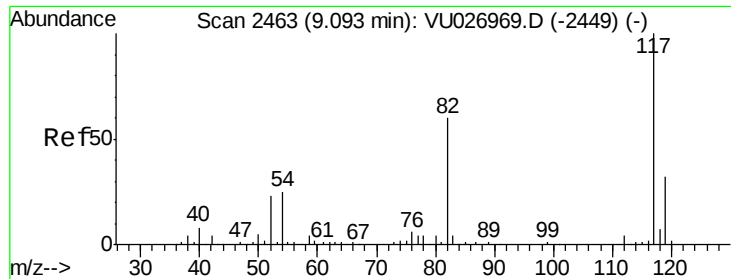
Tgt Ion: 107 Resp: 76067
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 53.136 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027063.D
 Acq: 23 Sep 2018 10:20

Tgt Ion: 95 Resp: 86695
 Ion Ratio Lower Upper
 95 100
 174 71.9 0.0 150.2
 176 68.8 0.0 145.2

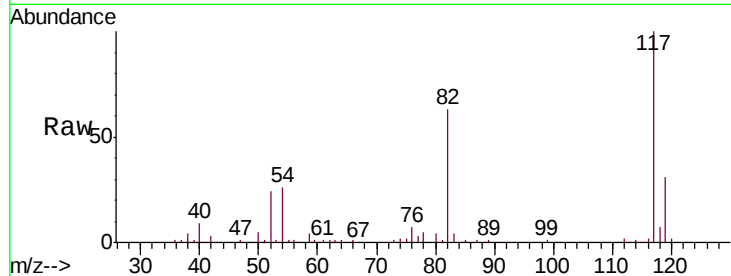




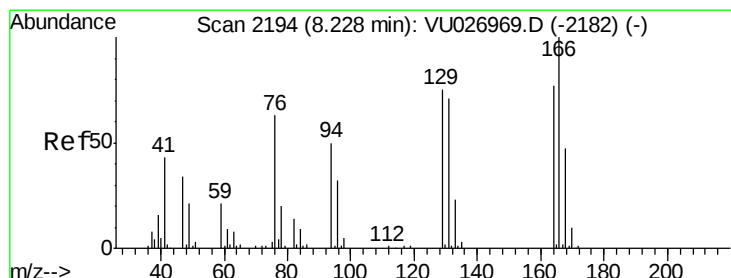
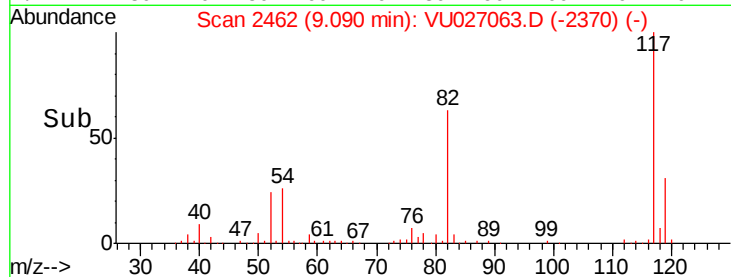
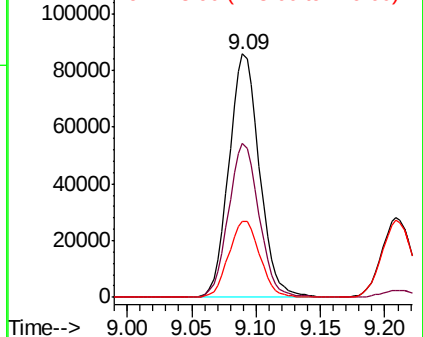
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 141144
Ion Ratio Lower Upper
117 100
82 63.1 48.0 72.0
119 31.4 25.8 38.8



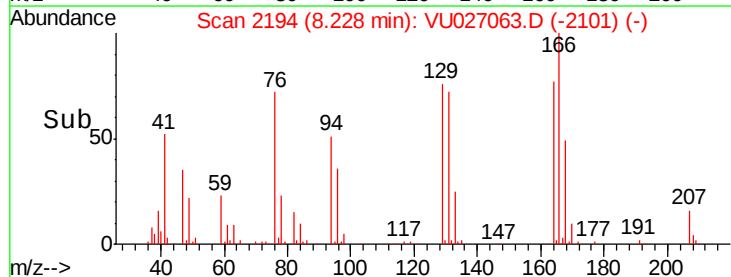
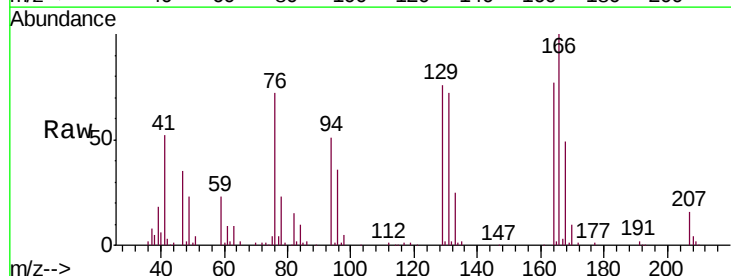
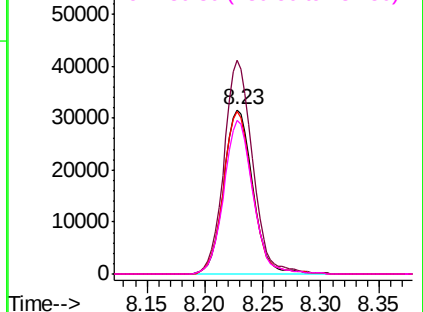
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

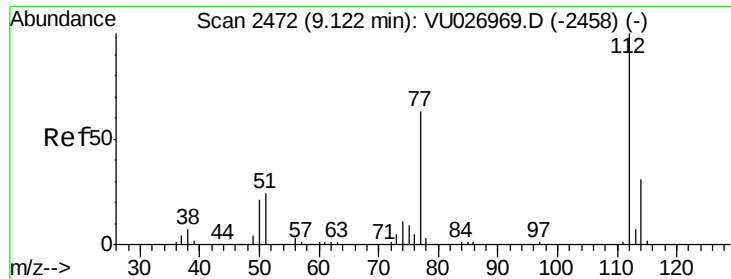


#64
Tetrachloroethene
Concen: 50.592 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

Tgt Ion:164 Resp: 55024
Ion Ratio Lower Upper
164 100
166 129.9 104.4 156.6
129 98.9 78.7 118.1
131 93.1 73.9 110.9

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

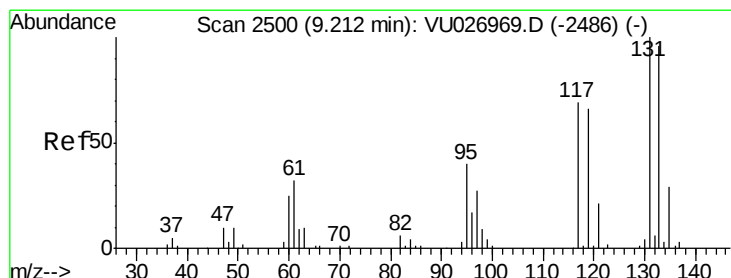
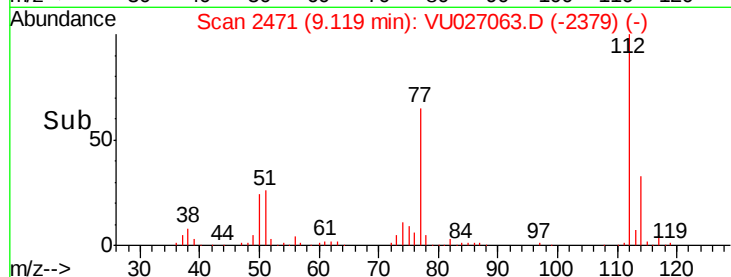
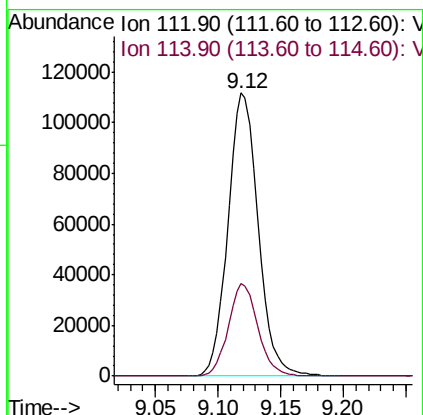
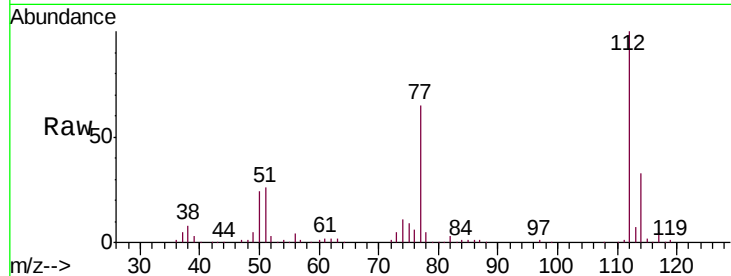




#65
Chlorobenzene
Concen: 49.936 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

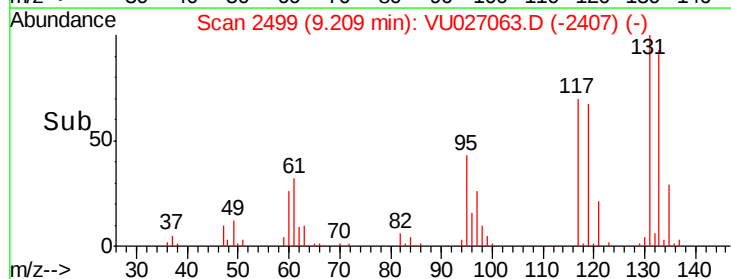
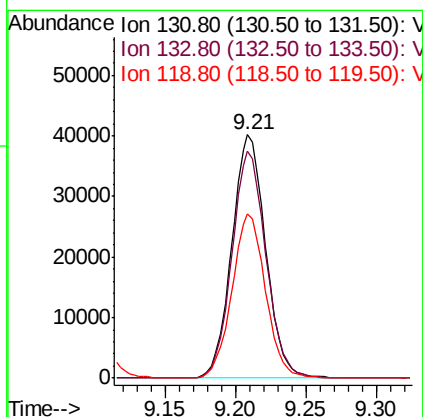
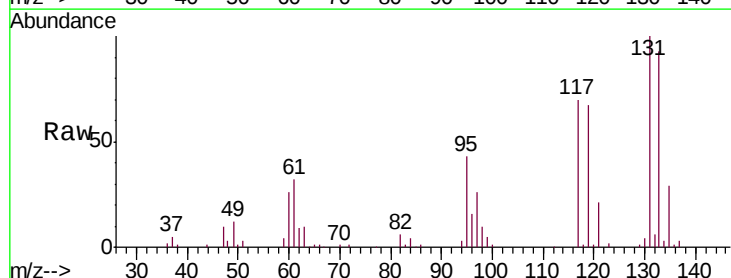
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

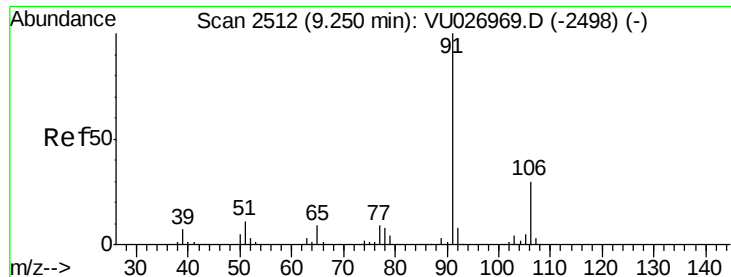
Tgt Ion:112 Resp: 186882
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.343 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

Tgt Ion:131 Resp: 67472
Ion Ratio Lower Upper
131 100
133 93.6 48.0 144.2
119 66.8 33.4 100.1

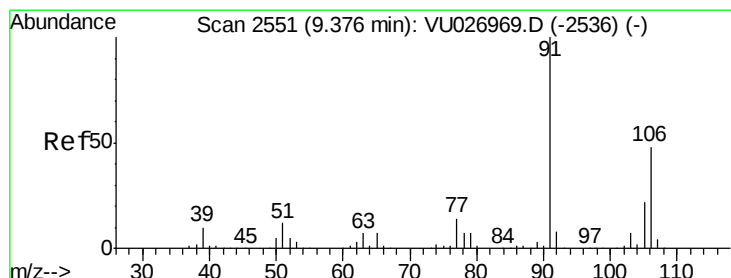
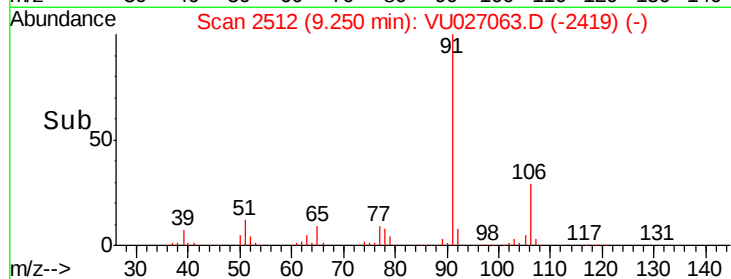
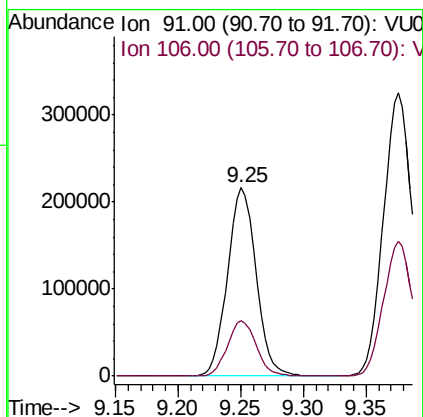
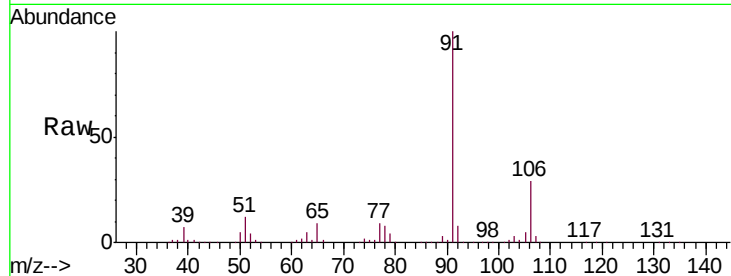




#67
Ethyl Benzene
Concen: 55.849 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

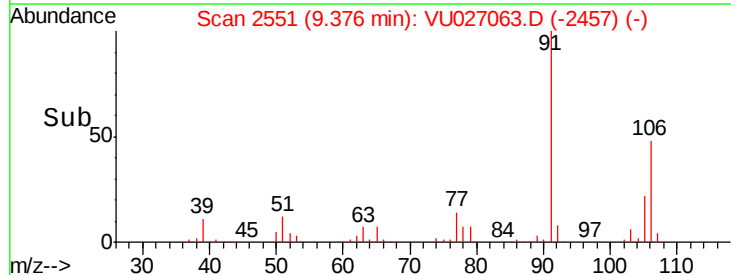
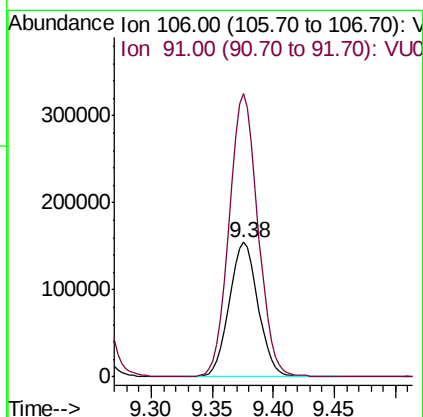
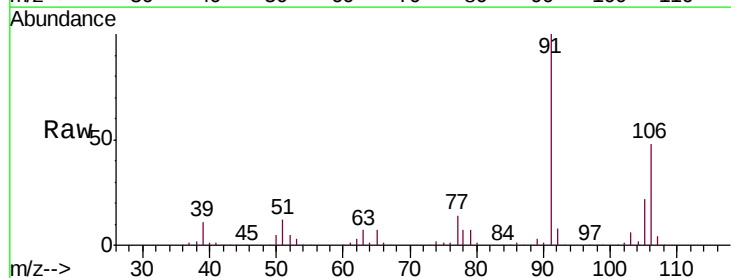
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

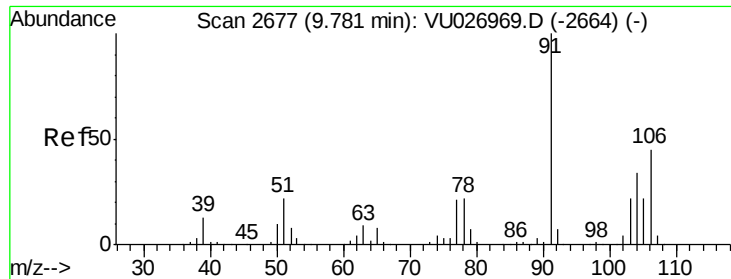
Tgt Ion: 91 Resp: 343698
Ion Ratio Lower Upper
91 100
106 29.4 23.8 35.8



#68
m/p-Xylenes
Concen: 102.645 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

Tgt Ion: 106 Resp: 255922
Ion Ratio Lower Upper
106 100
91 209.5 166.5 249.7

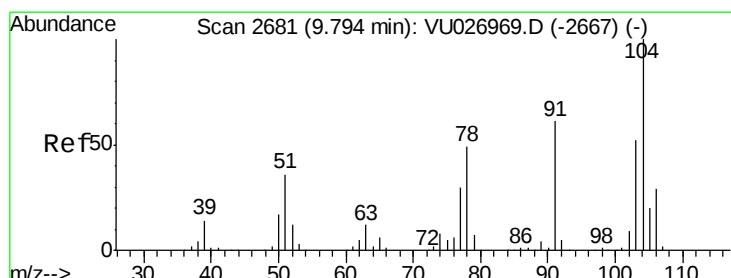
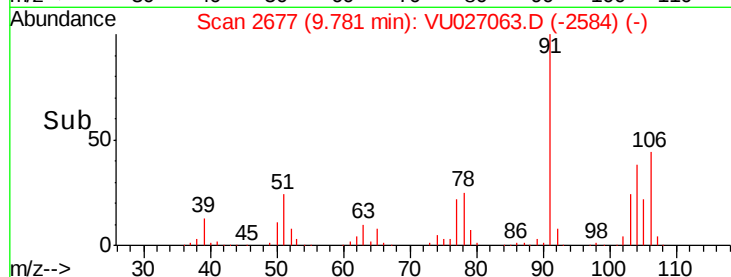
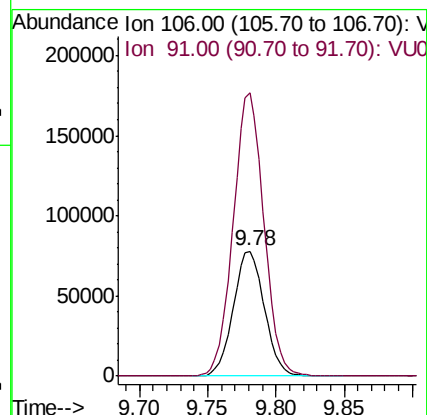
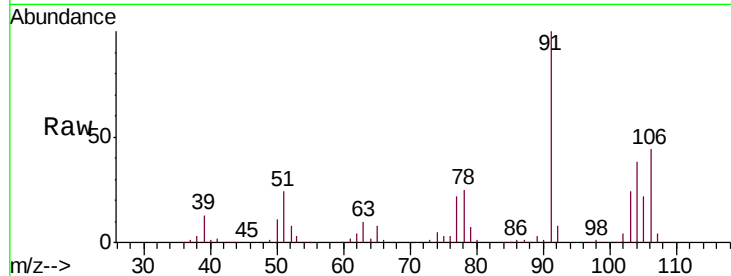




#69
o-Xylene
Concen: 56.444 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

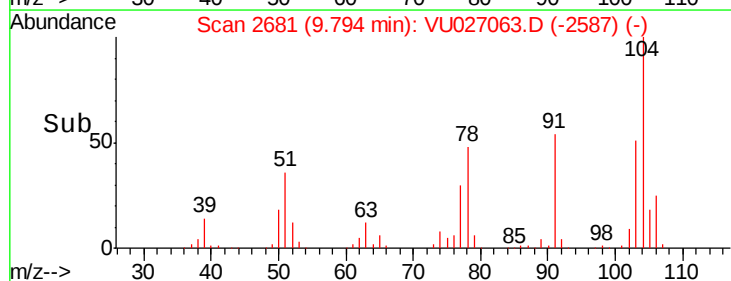
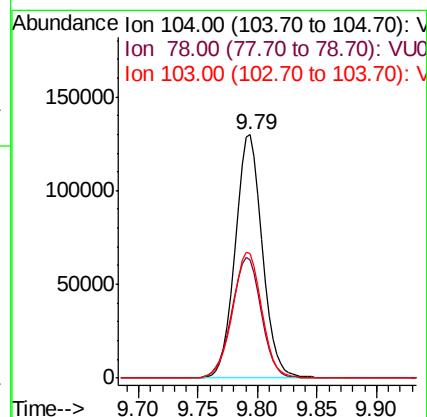
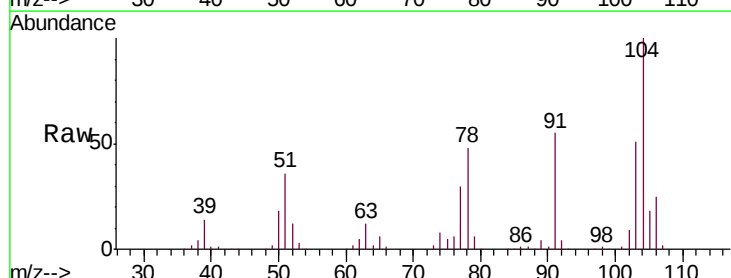
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

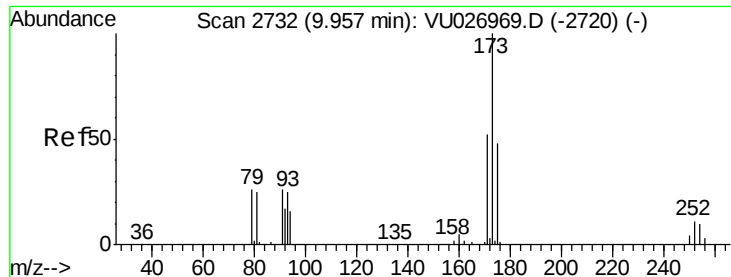
Tgt Ion:106 Resp: 123073
Ion Ratio Lower Upper
106 100
91 224.2 110.2 330.6



#70
Styrene
Concen: 50.536 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

Tgt Ion:104 Resp: 205827
Ion Ratio Lower Upper
104 100
78 54.2 43.0 64.4
103 55.6 44.1 66.1





#71

Bromoform

Concen: 53.484 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU027063.D

Acq: 23 Sep 2018 10:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

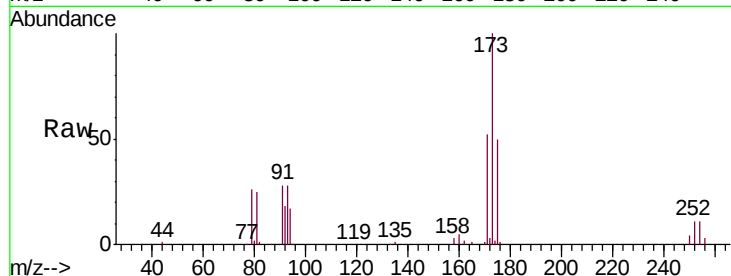
Tgt Ion:173 Resp: 53314

Ion Ratio Lower Upper

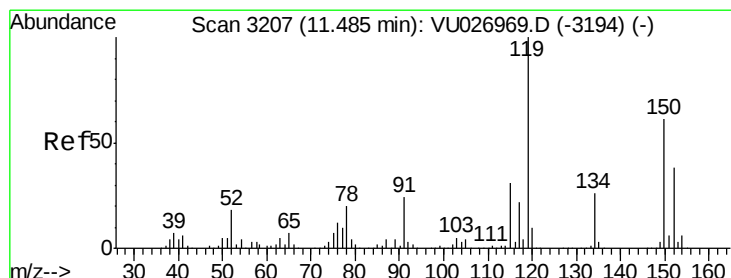
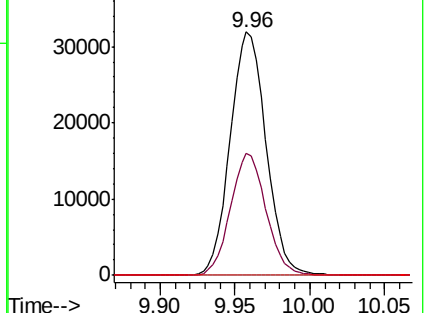
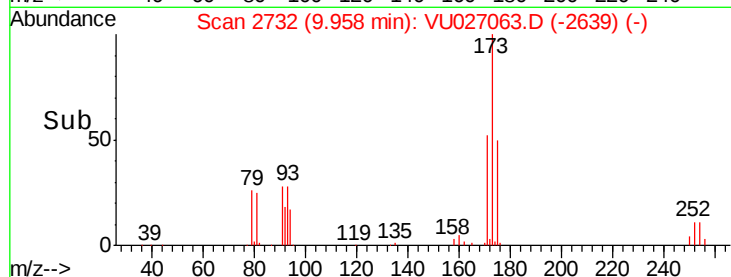
173 100

175 49.4 23.9 71.8

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027063.D

Acq: 23 Sep 2018 10:20

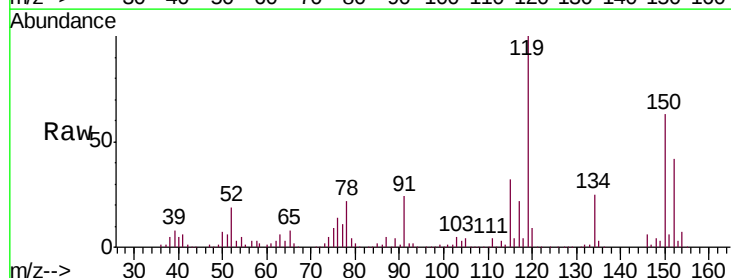
Tgt Ion:152 Resp: 78053

Ion Ratio Lower Upper

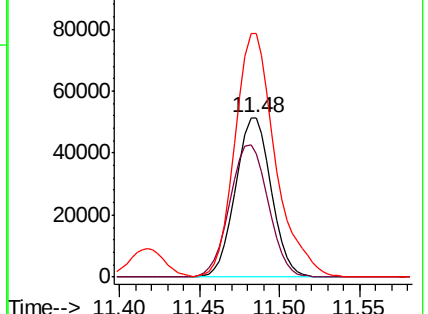
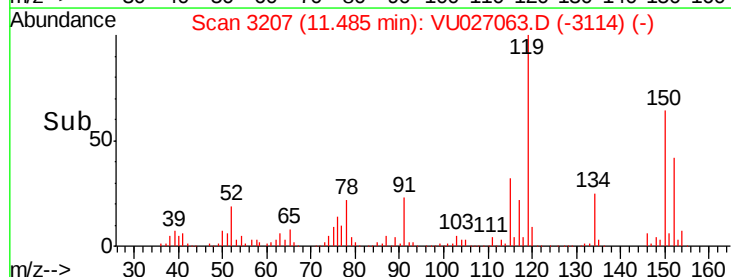
152 100

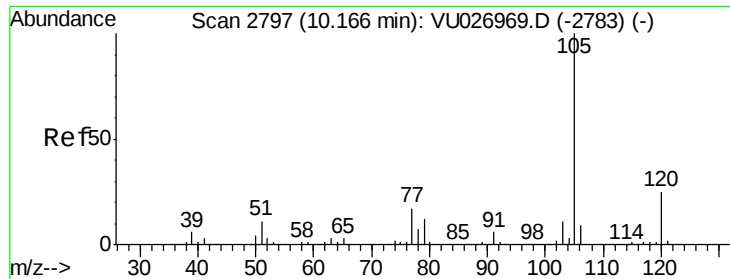
115 89.6 44.9 134.5

150 173.4 0.0 355.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 56.303 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027063.D

Acq: 23 Sep 2018 10:20

Instrument :

MSVOA_U

ClientSampleId :

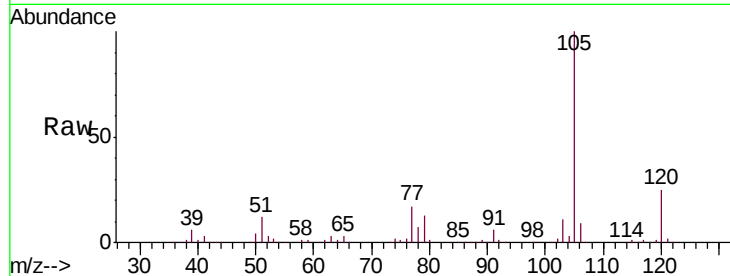
VSTDCCC050EC

Tgt Ion:105 Resp: 334294

Ion Ratio Lower Upper

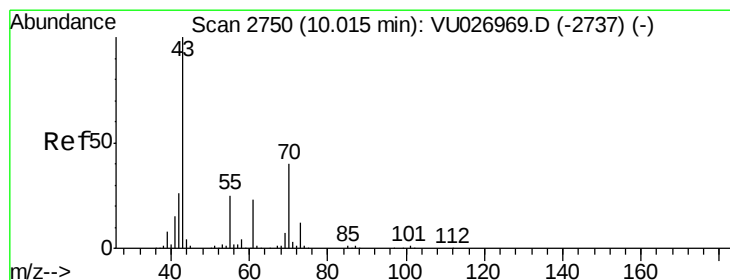
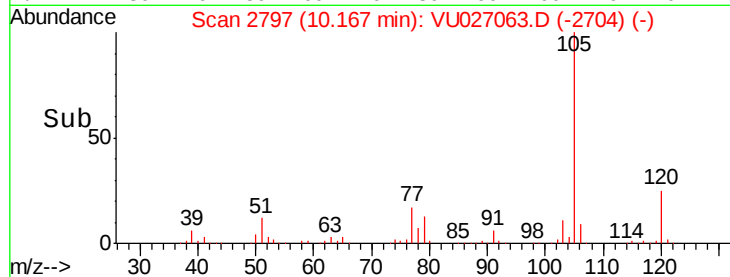
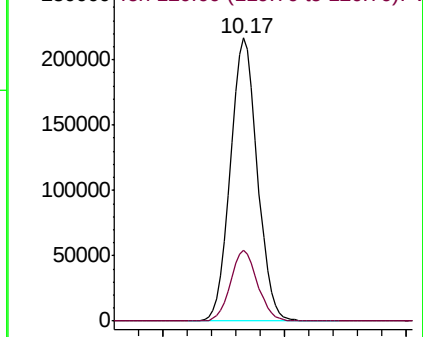
105 100

120 25.1 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.795 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU027063.D

Acq: 23 Sep 2018 10:20

Tgt Ion: 43 Resp: 198630

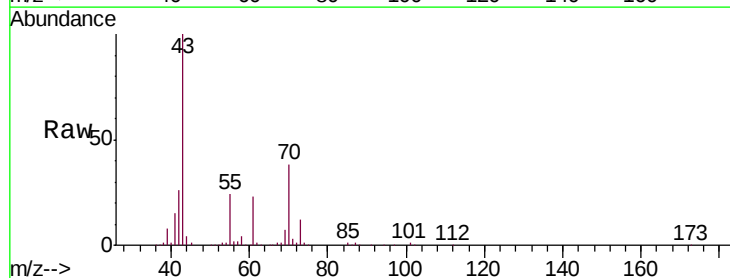
Ion Ratio Lower Upper

43 100

70 38.5 31.8 47.8

55 24.3 19.9 29.9

61 22.6 18.4 27.6

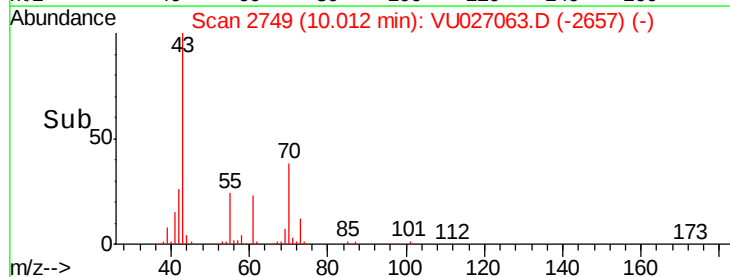
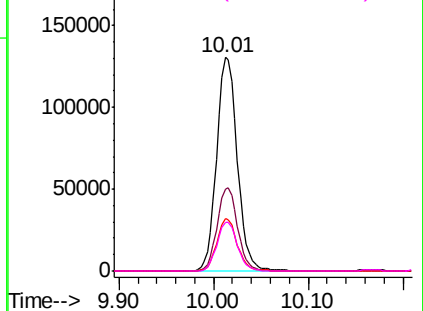


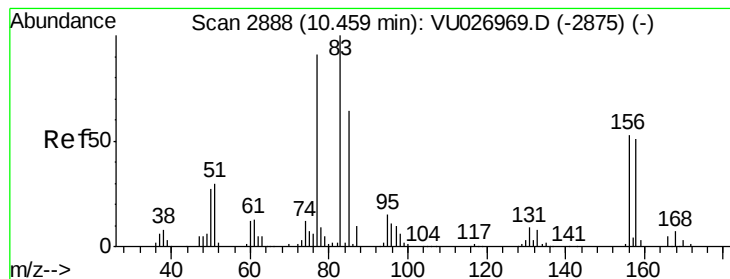
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.903 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027063.D

Acq: 23 Sep 2018 10:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

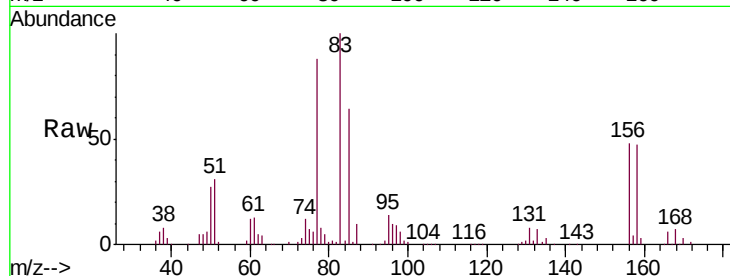
Tgt Ion: 83 Resp: 130769

Ion Ratio Lower Upper

83 100

131 8.2 4.3 12.8

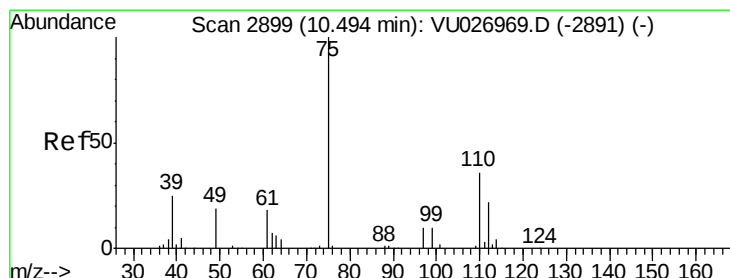
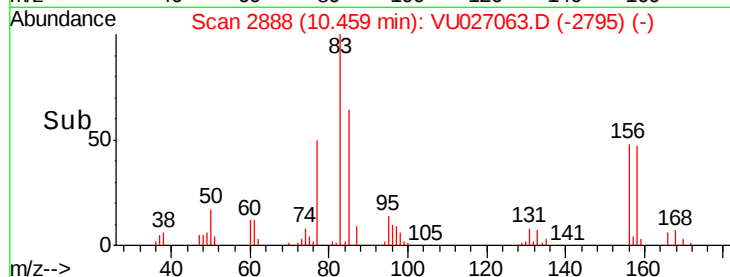
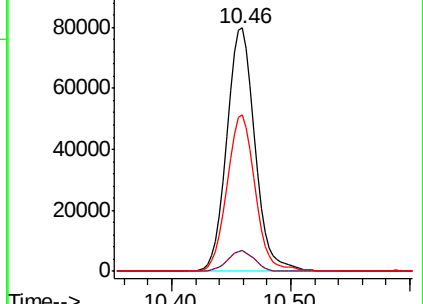
85 64.4 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VU026969.D (-2875) (-)

Ion 130.80 (130.50 to 131.50): VU026969.D (-2875) (-)

Ion 84.90 (84.60 to 85.60): VU026969.D (-2875) (-)



#76

1,2,3-Trichloropropane

Concen: 65.088 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027063.D

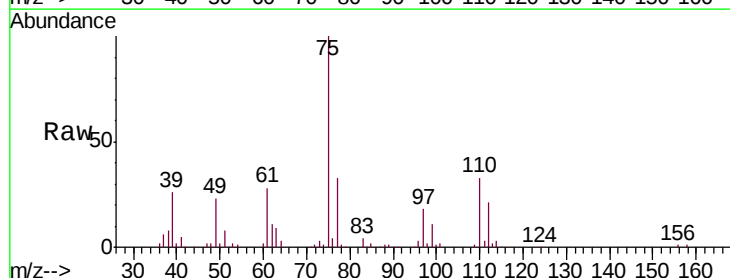
Acq: 23 Sep 2018 10:20

Tgt Ion: 75 Resp: 154338

Ion Ratio Lower Upper

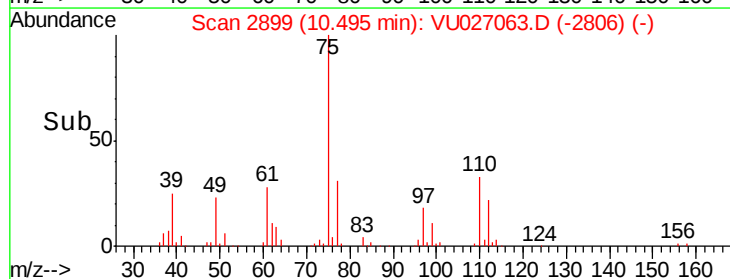
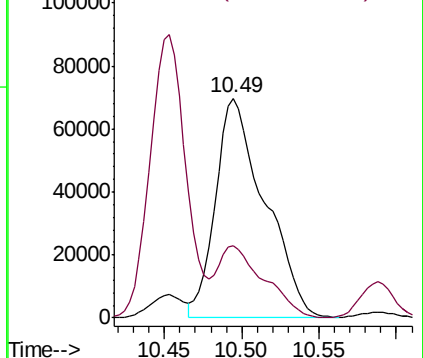
75 100

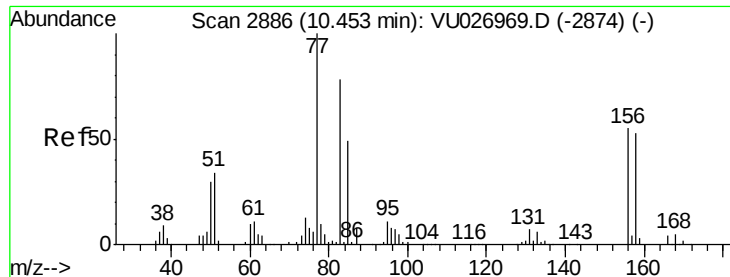
77 31.2 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU026969.D (-2891) (-)

Ion 77.00 (76.70 to 77.70): VU026969.D (-2891) (-)

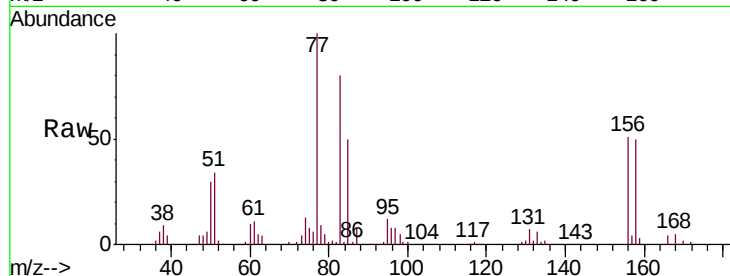




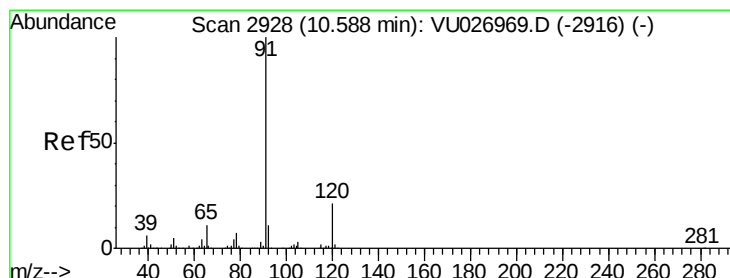
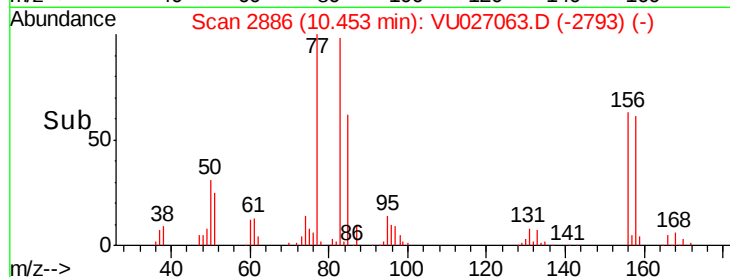
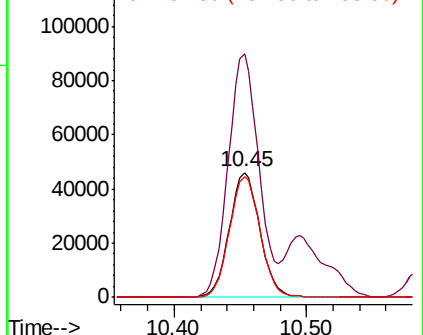
#77
Bromobenzene
Concen: 50.857 ug/l
RT: 10.45 min Scan# 2886
Delta R.T. 0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 73789
Ion Ratio Lower Upper
156 100
77 196.9 92.3 276.9
158 97.1 48.1 144.3

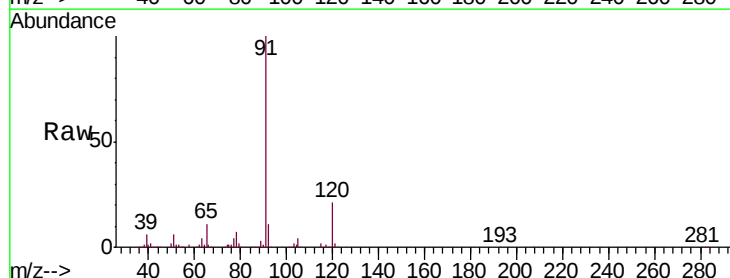


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VU0
Ion 157.80 (157.50 to 158.50): V

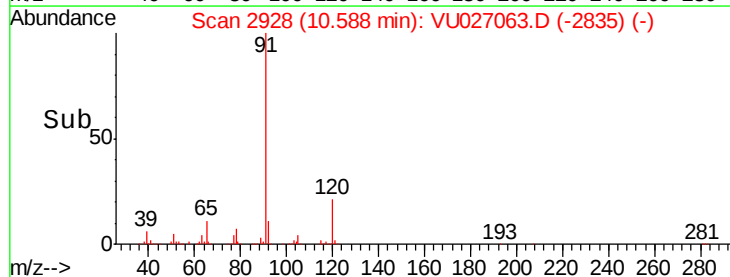
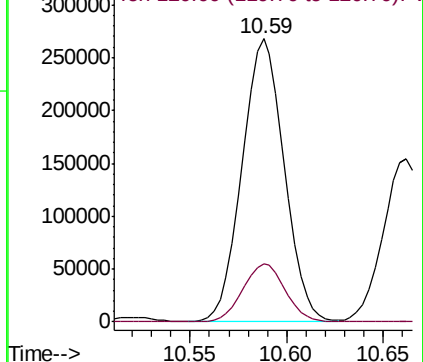


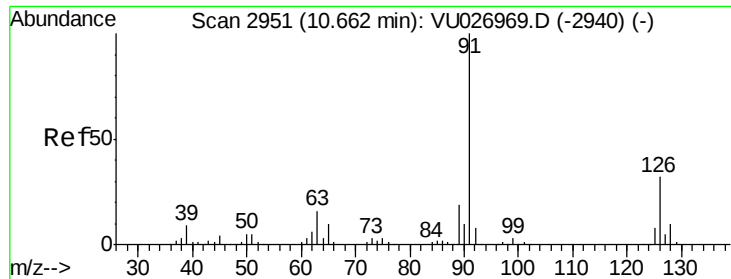
#78
n-propylbenzene
Concen: 57.549 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. 0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

Tgt Ion: 91 Resp: 404297
Ion Ratio Lower Upper
91 100
120 20.7 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.897 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. 0.00 min

Lab File: VU027063.D

Acq: 23 Sep 2018 10:20

Instrument :

MSVOA_U

ClientSampleId :

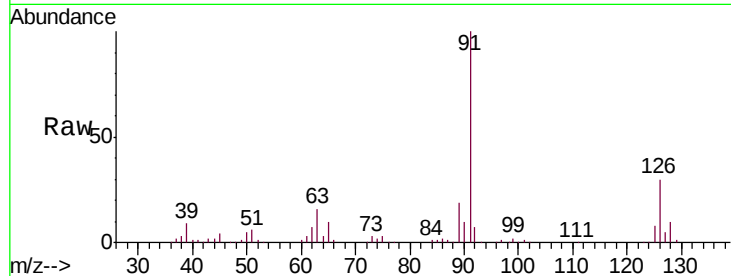
VSTDCCC050EC

Tgt Ion: 91 Resp: 237837

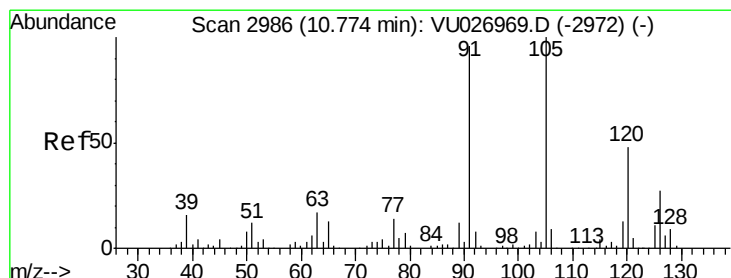
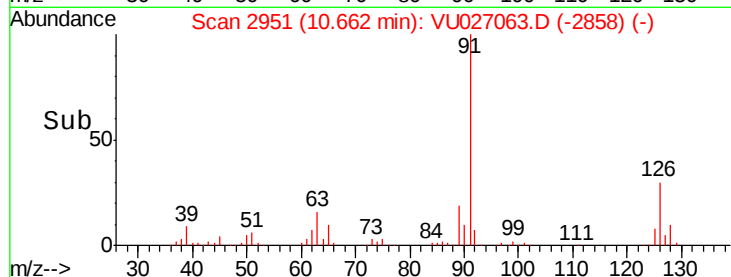
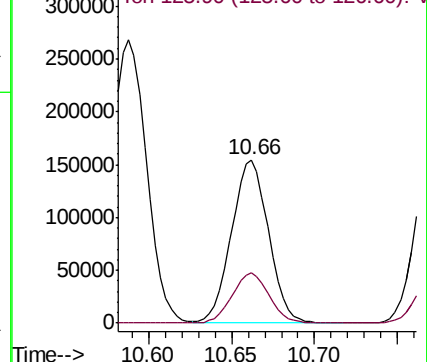
Ion Ratio Lower Upper

91 100

126 30.8 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-2940) (-)



#80

1,3,5-Trimethylbenzene

Concen: 56.970 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU027063.D

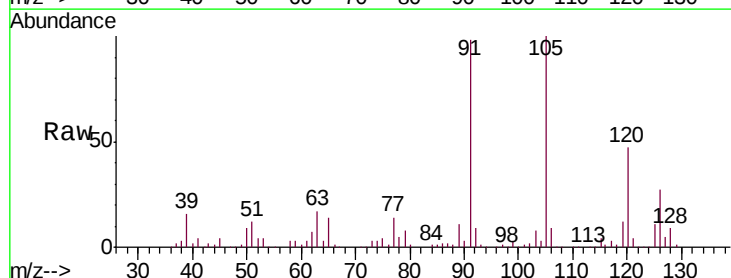
Acq: 23 Sep 2018 10:20

Tgt Ion: 105 Resp: 279221

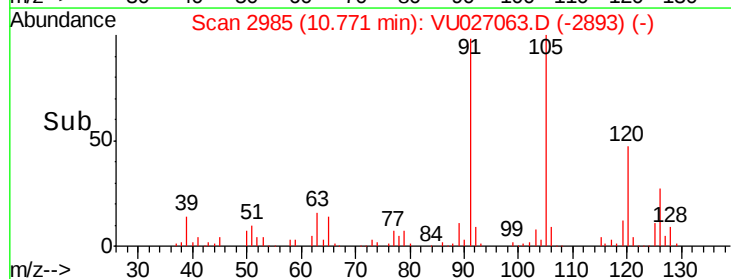
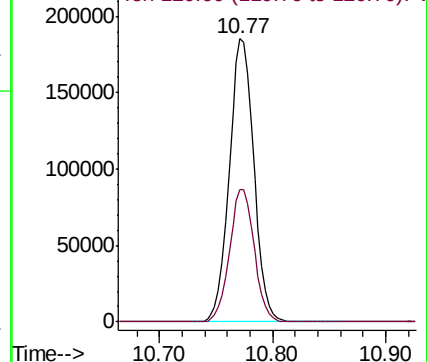
Ion Ratio Lower Upper

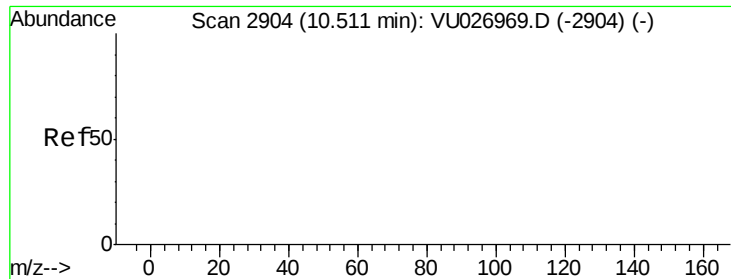
105 100

120 47.1 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VU026969.D (-2972) (-)

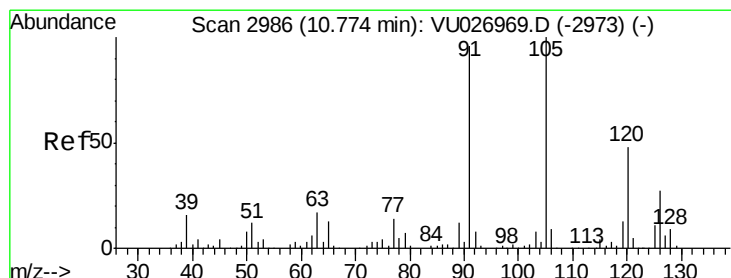
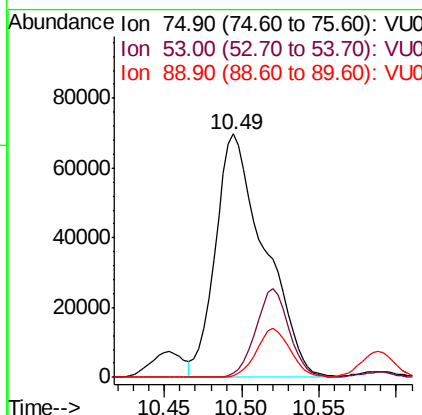
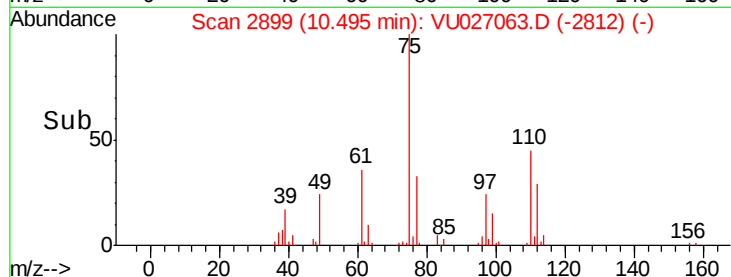
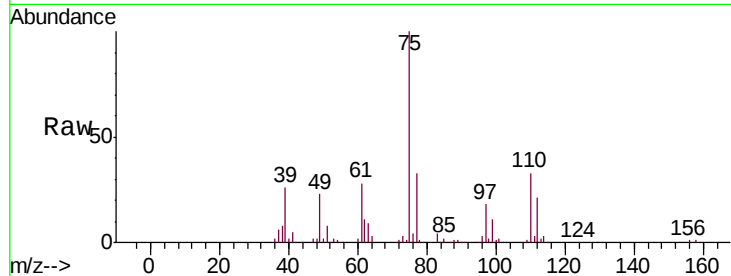




#81
trans-1,4-Dichloro-2-butene
Concen: 208.292 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

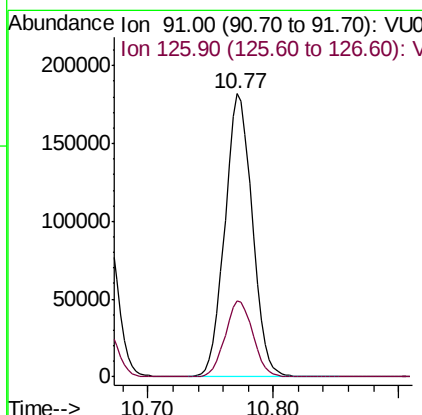
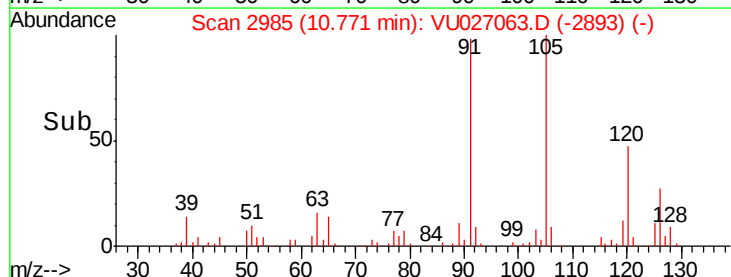
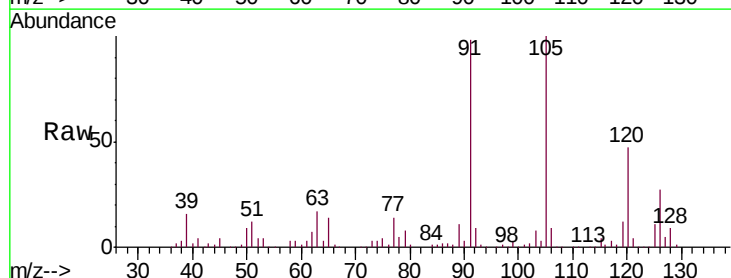
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

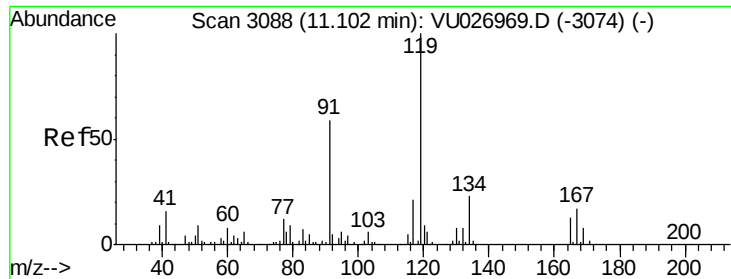
Tgt Ion: 75 Resp: 154338
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 55.466 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

Tgt Ion: 91 Resp: 274444
Ion Ratio Lower Upper
91 100
126 27.4 14.1 42.2

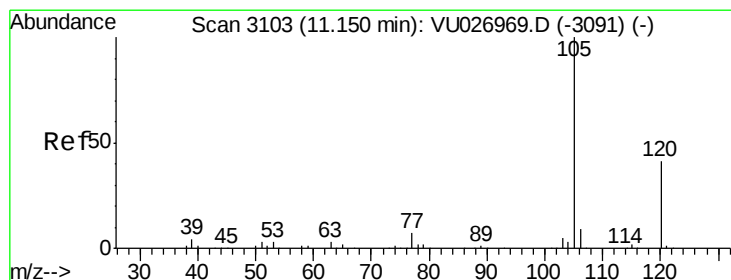
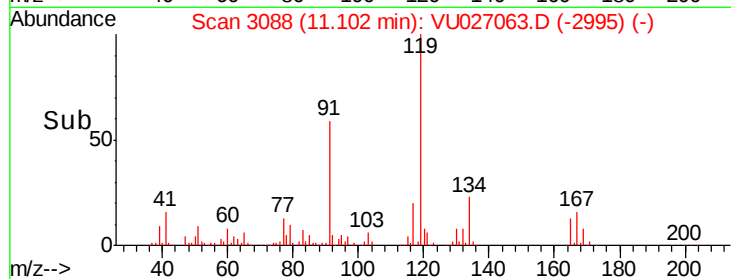
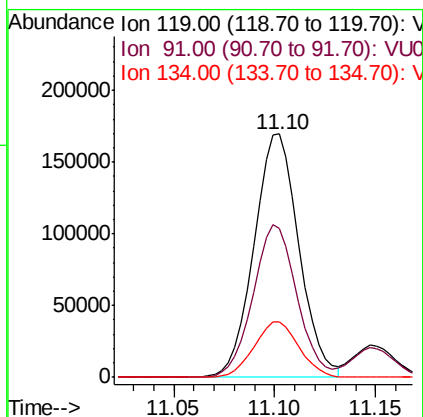
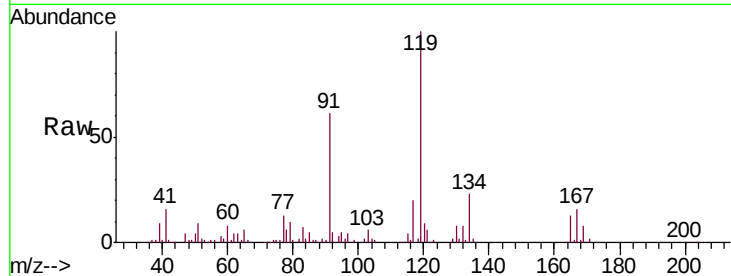




#83
 tert-Butylbenzene
 Concen: 54.457 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027063.D
 Acq: 23 Sep 2018 10:20

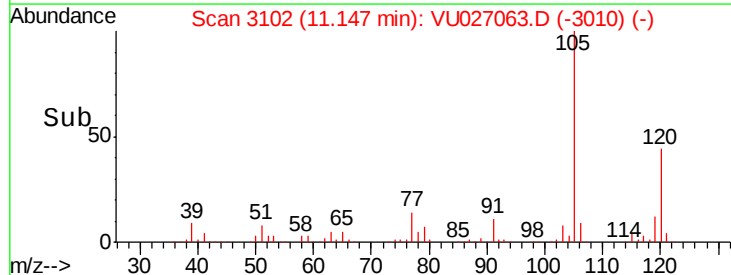
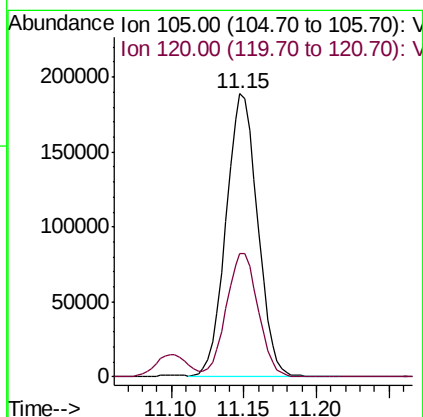
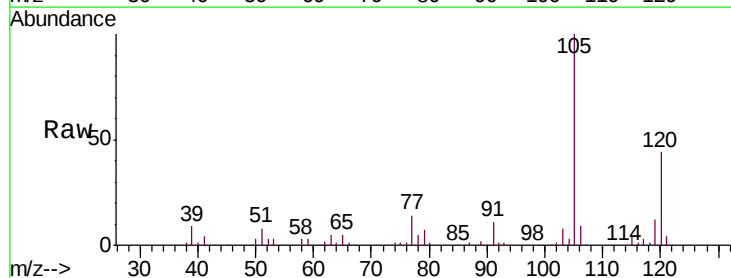
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

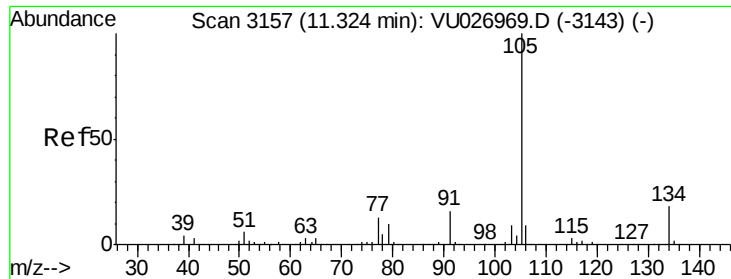
Tgt Ion:119 Resp: 263878
 Ion Ratio Lower Upper
 119 100
 91 61.1 29.8 89.4
 134 22.8 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 57.170 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU027063.D
 Acq: 23 Sep 2018 10:20

Tgt Ion:105 Resp: 285160
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.4 67.2

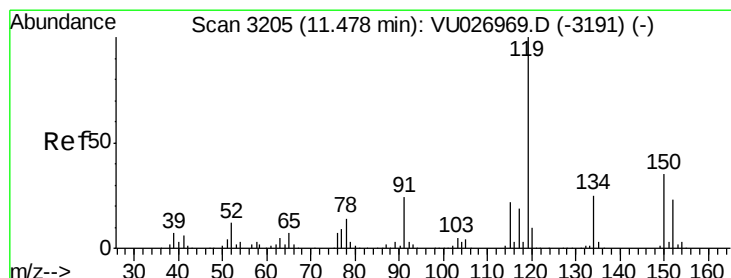
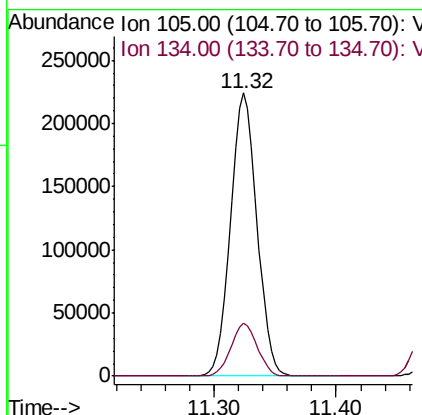
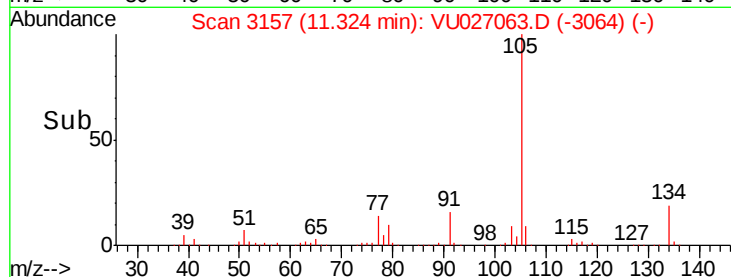
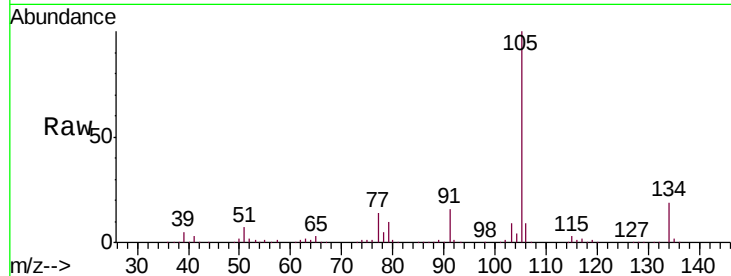




#85
 sec-Butylbenzene
 Concen: 57.209 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027063.D
 Acq: 23 Sep 2018 10:20

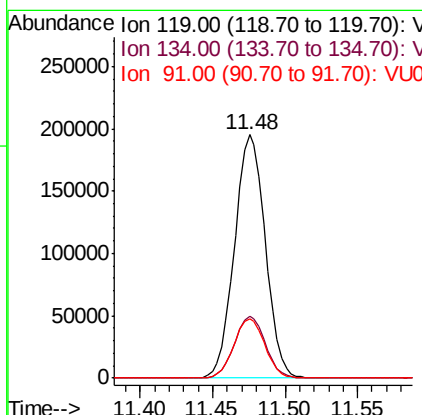
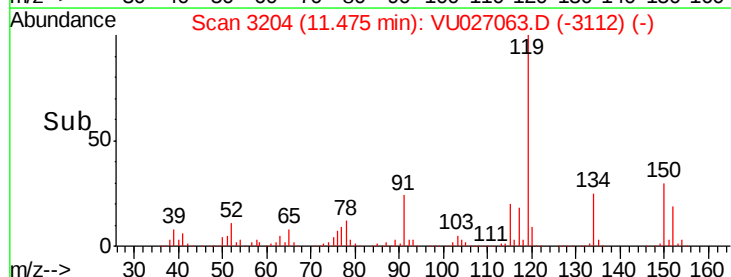
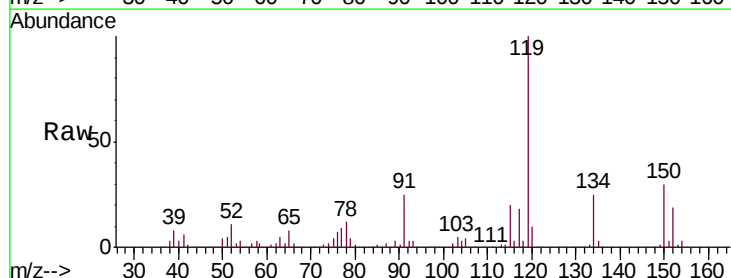
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

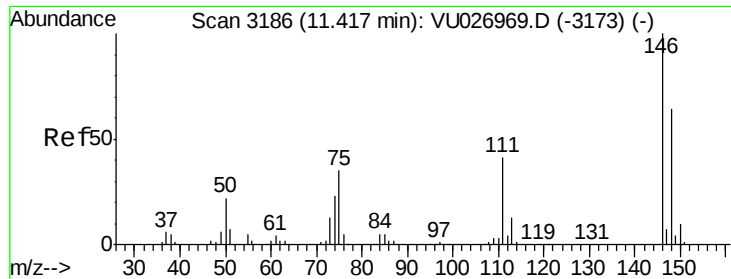
Tgt Ion:105 Resp: 338390
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 51.598 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027063.D
 Acq: 23 Sep 2018 10:20

Tgt Ion:119 Resp: 286552
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.3
 91 24.7 12.3 36.8

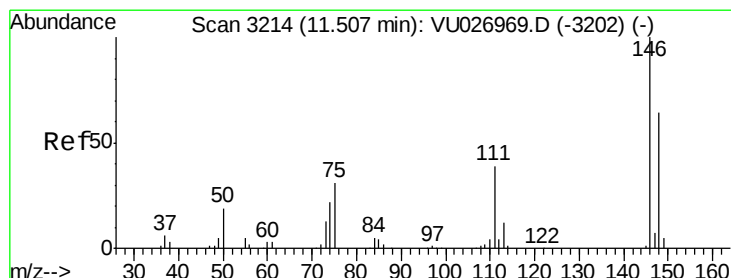
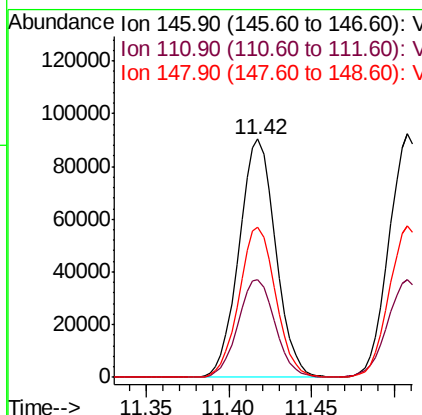
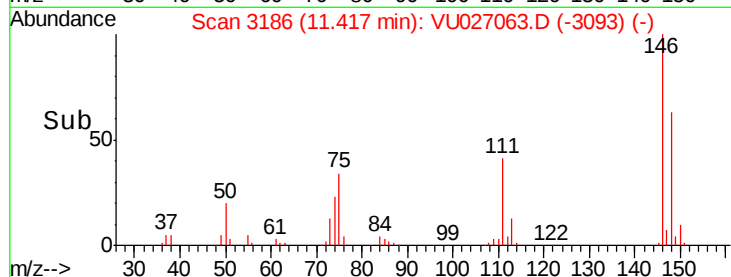
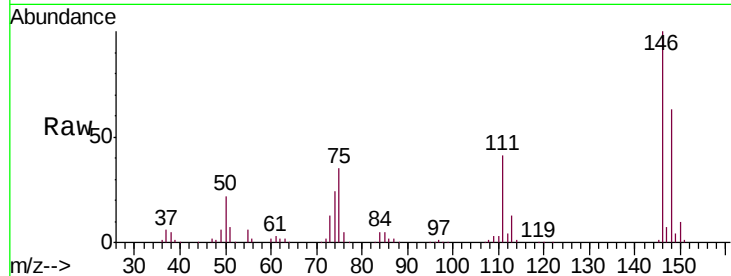




#87
 1,3-Dichlorobenzene
 Concen: 51.321 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027063.D
 Acq: 23 Sep 2018 10:20

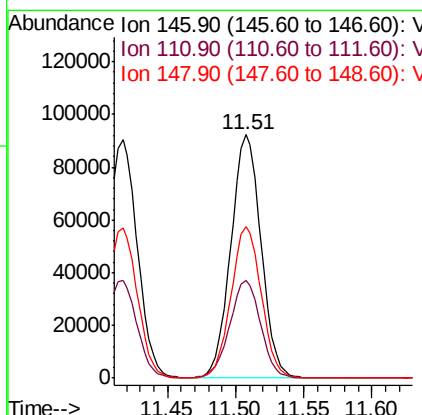
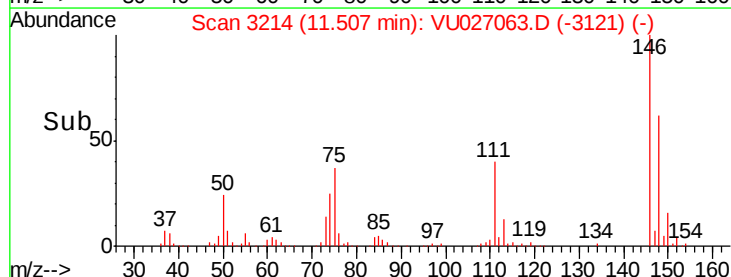
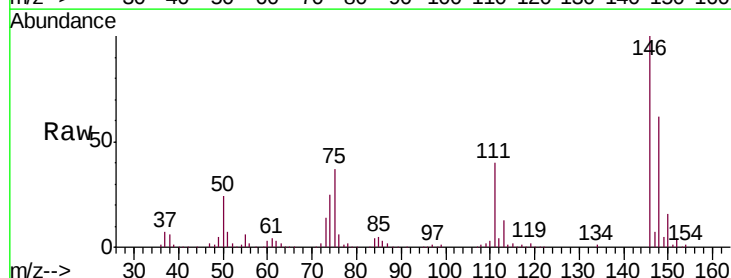
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

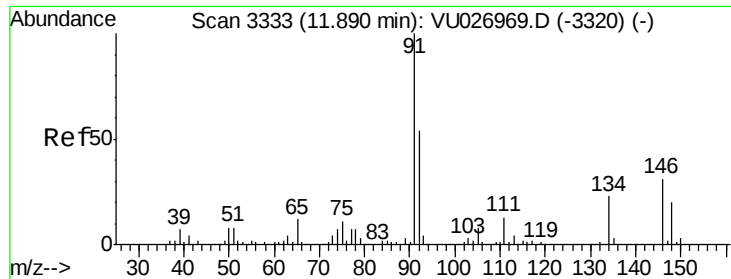
Tgt Ion:146 Resp: 138567
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.8 62.2
 148 63.1 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 48.165 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027063.D
 Acq: 23 Sep 2018 10:20

Tgt Ion:146 Resp: 141733
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.3 60.9
 148 62.8 31.9 95.9

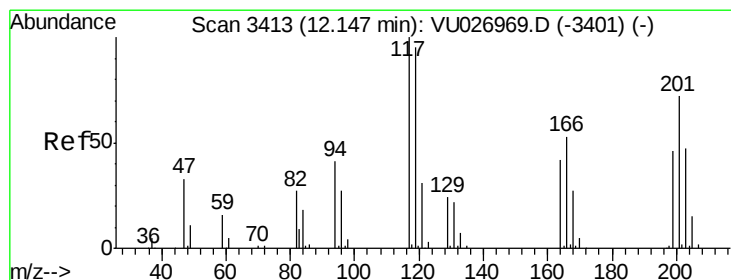
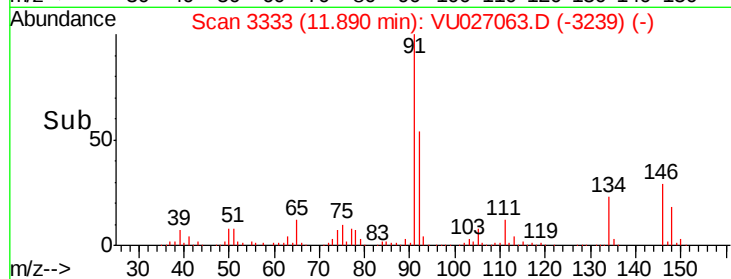
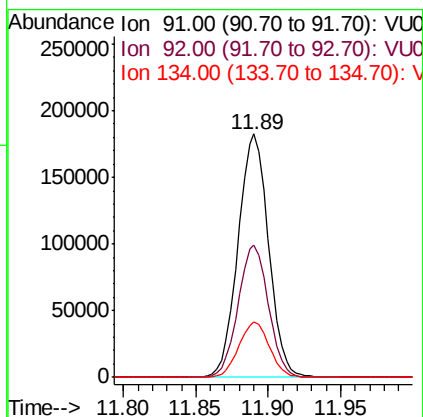
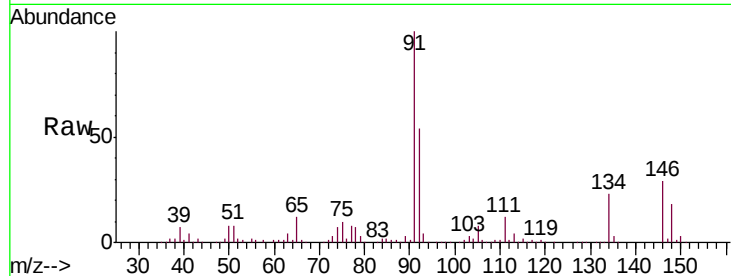




#89
n-Butylbenzene
Concen: 49.614 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

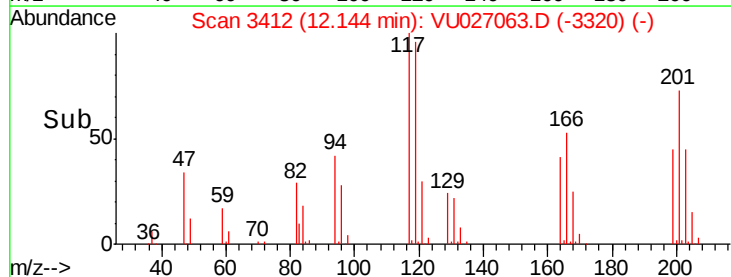
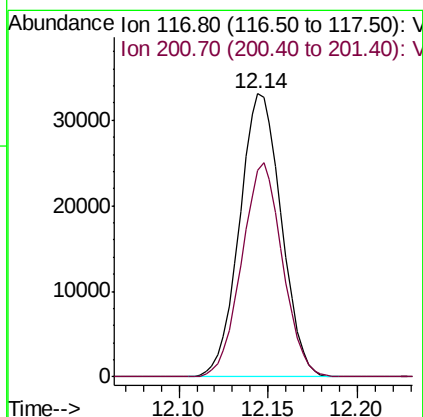
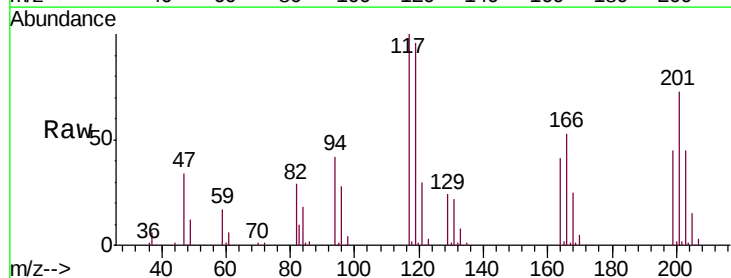
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

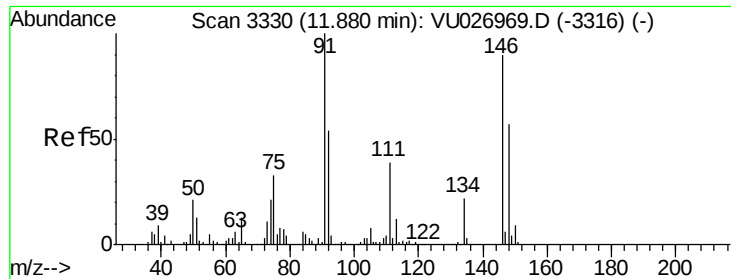
Tgt Ion: 91 Resp: 266833
Ion Ratio Lower Upper
91 100
92 53.9 27.1 81.2
134 22.9 11.7 35.0



#90
Hexachloroethane
Concen: 50.199 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. -0.00 min
Lab File: VU027063.D
Acq: 23 Sep 2018 10:20

Tgt Ion: 117 Resp: 53995
Ion Ratio Lower Upper
117 100
201 73.6 36.8 110.3

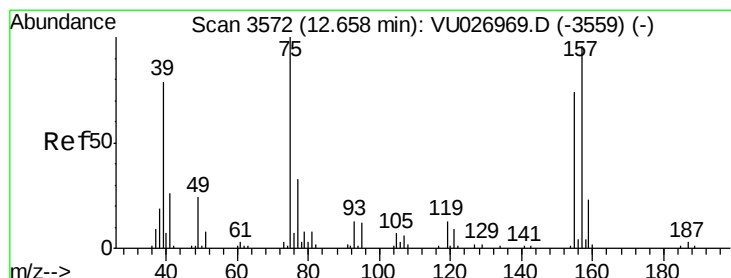
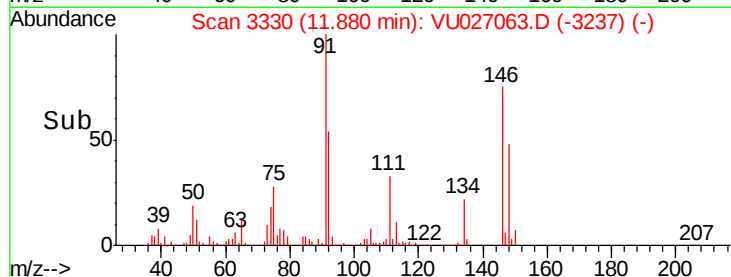
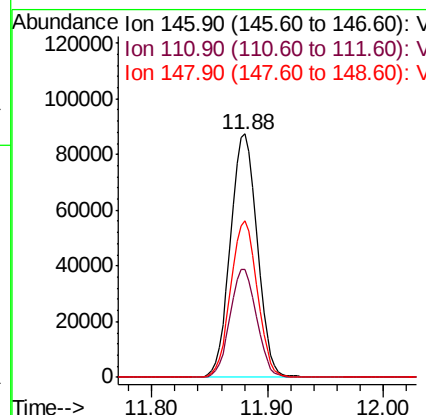
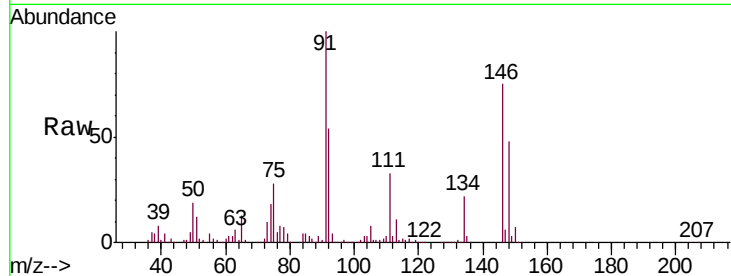




#91
 1,2-Dichlorobenzene
 Concen: 48.541 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027063.D
 Acq: 23 Sep 2018 10:20

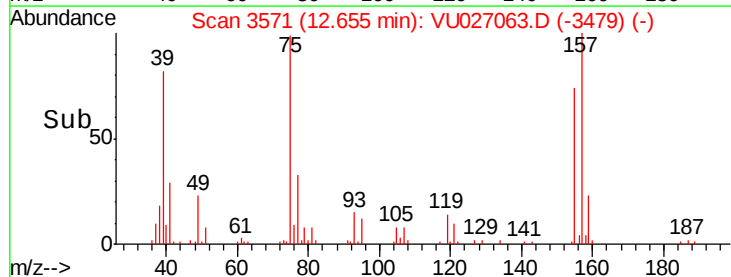
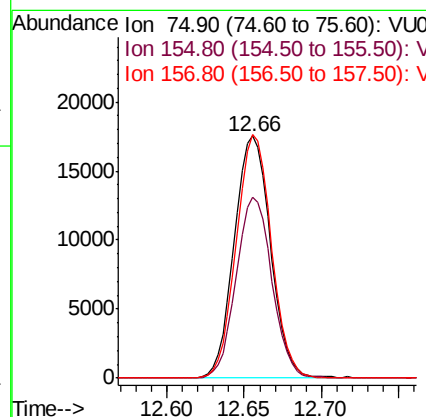
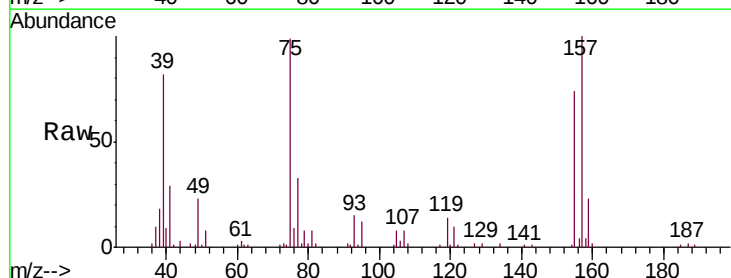
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

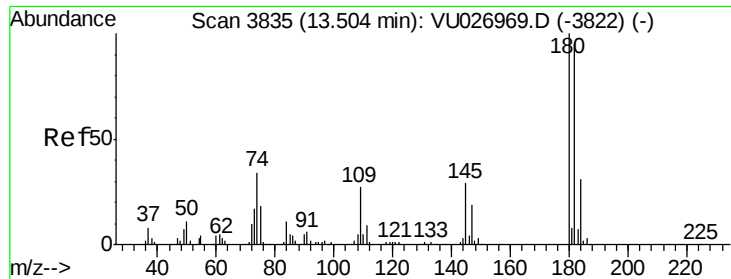
Tgt Ion: 146 Resp: 139217
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.8 65.3
 148 63.8 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.250 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU027063.D
 Acq: 23 Sep 2018 10:20

Tgt Ion: 75 Resp: 28541
 Ion Ratio Lower Upper
 75 100
 155 73.6 36.6 109.8
 157 97.1 47.4 142.2

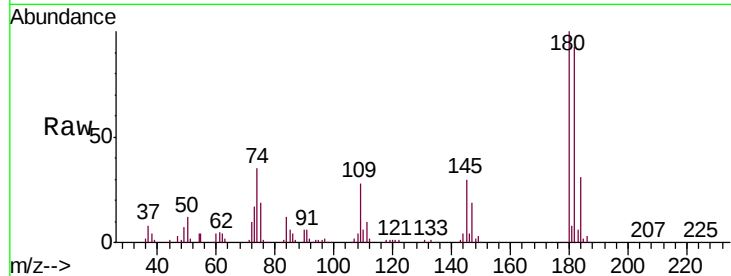




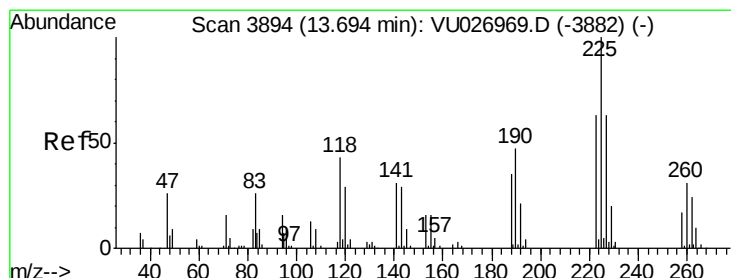
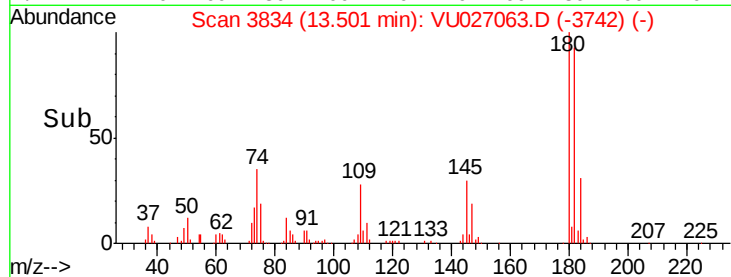
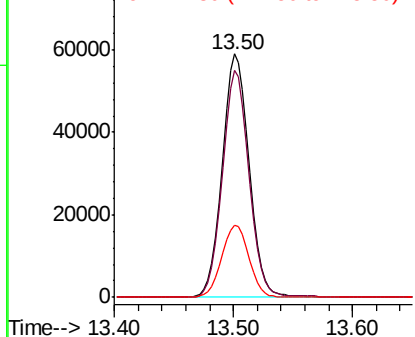
#93
 1,2,4-Trichlorobenzene
 Concen: 55.854 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. -0.00 min
 Lab File: VU027063.D
 Acq: 23 Sep 2018 10:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 92313
 Ion Ratio Lower Upper
 180 100
 182 92.3 47.4 142.2
 145 30.2 14.9 44.5

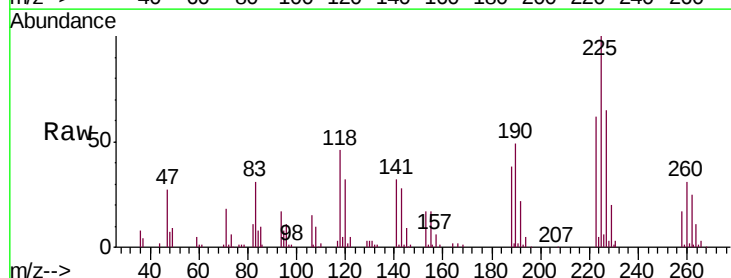


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

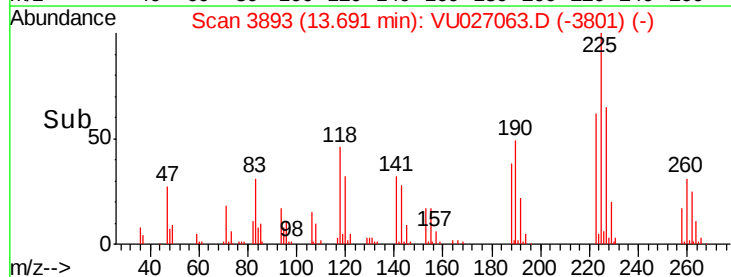
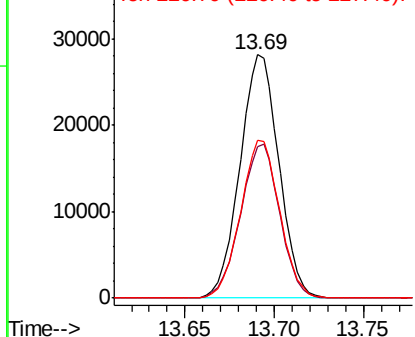


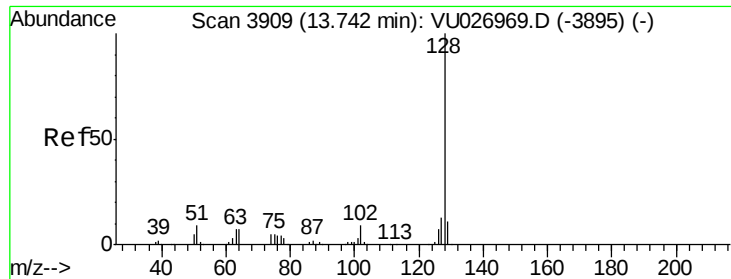
#94
 Hexachlorobutadiene
 Concen: 49.226 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU027063.D
 Acq: 23 Sep 2018 10:20

Tgt Ion:225 Resp: 43048
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.9 95.7
 227 65.1 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 51.841 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU027063.D

Acq: 23 Sep 2018 10:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

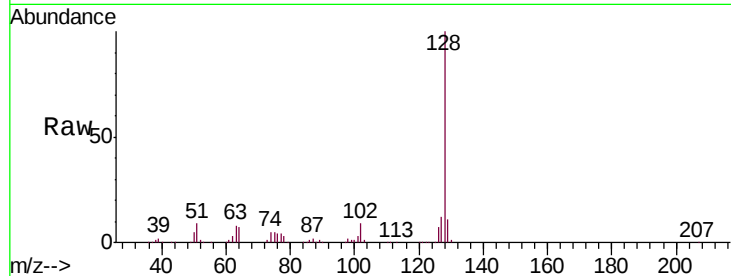
Tgt Ion:128 Resp: 335415

Ion Ratio Lower Upper

128 100

127 12.7 10.6 15.8

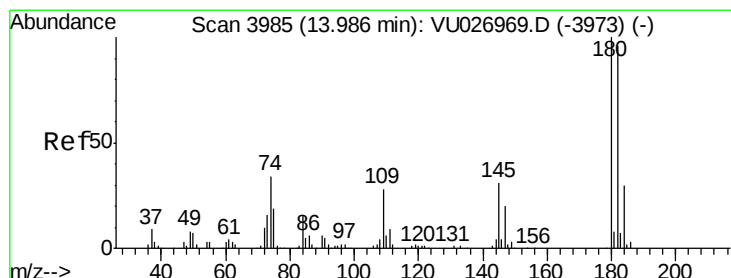
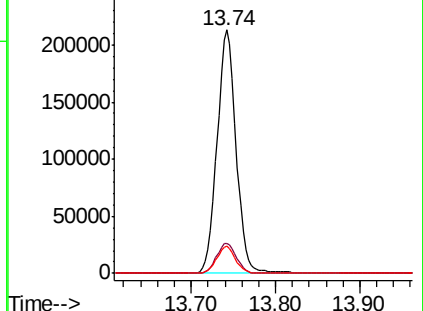
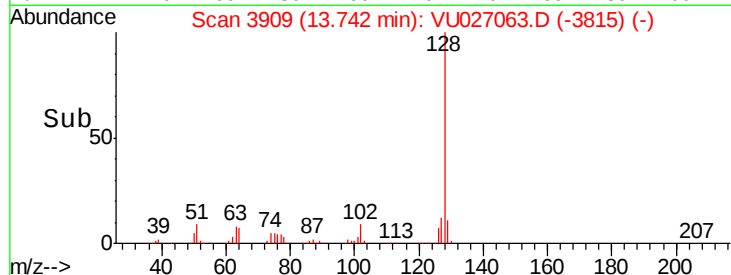
129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 55.193 ug/l

RT: 13.99 min Scan# 3985

Delta R.T. 0.00 min

Lab File: VU027063.D

Acq: 23 Sep 2018 10:20

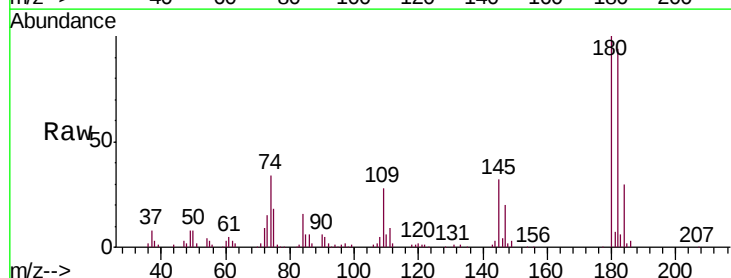
Tgt Ion:180 Resp: 97824

Ion Ratio Lower Upper

180 100

182 94.4 47.5 142.5

145 31.6 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

