

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092218\
 Data File : VU026969.D
 Acq On : 21 Sep 2018 15:38
 Operator : MD/SY
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Quant Time: Sep 22 00:47:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 00:44:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	85803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	142460	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	143267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	79412	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	86160	62.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.18%	
35) Dibromofluoromethane	4.88	113	62482	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
50) Toluene-d8	7.57	98	243494	55.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.36%	
62) 4-Bromofluorobenzene	10.31	95	83533	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.21	85	54810	57.288	ug/l 100
3) Chloromethane	1.33	50	90548	65.151	ug/l 100
4) Vinyl Chloride	1.40	62	87692	62.233	ug/l 100
5) Bromomethane	1.62	94	46316	53.579	ug/l 100
6) Chloroethane	1.69	64	56063	62.269	ug/l 100
7) Trichlorofluoromethane	1.88	101	99966	55.702	ug/l 100
8) Diethyl Ether	2.11	74	48681	60.484	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.29	101	60095	56.139	ug/l 100
10) Methyl Iodide	2.41	142	78364	83.871	ug/l 100
11) Tert butyl alcohol	2.83	59	96490	288.751	ug/l 100
12) 1,1-Dichloroethene	2.28	96	57503	56.664	ug/l 100
13) Acrolein	2.20	56	56348	259.180	ug/l 100
14) Allyl chloride	2.59	41	120447	63.682	ug/l 100
15) Acrylonitrile	2.94	53	252957	345.803	ug/l 100
16) Acetone	2.32	43	238248	305.408	ug/l 100
17) Carbon Disulfide	2.48	76	186207	57.289	ug/l 100
18) Methyl Acetate	2.62	43	123215	71.160	ug/l 100
19) Methyl tert-butyl Ether	3.00	73	221144	62.105	ug/l 100
20) Methylene Chloride	2.70	84	72540	58.435	ug/l 100
21) trans-1,2-Dichloroethene	2.98	96	64128	59.528	ug/l 100
22) Diisopropyl ether	3.58	45	270646	68.333	ug/l 100
23) Vinyl Acetate	3.53	43	1156044	343.829	ug/l 100
24) 1,1-Dichloroethane	3.45	63	141022	63.935	ug/l 100
25) 2-Butanone	4.26	43	360522	338.682	ug/l 100
26) 2,2-Dichloropropane	4.23	77	108751	60.703	ug/l 100
27) cis-1,2-Dichloroethene	4.23	96	72194	58.527	ug/l 100
28) Bromochloromethane	4.55	49	70501	66.348	ug/l 100
29) Tetrahydrofuran	4.64	42	228832	353.129	ug/l 100
30) Chloroform	4.67	83	129391	60.330	ug/l 100
31) Cyclohexane	5.00	56	129195	56.799	ug/l 100
32) 1,1,1-Trichloroethane	4.92	97	105528	59.918	ug/l 100
36) 1,1-Dichloropropene	5.14	75	95893	58.293	ug/l 100
37) Ethyl Acetate	4.38	43	129488	63.736	ug/l 100
38) Carbon Tetrachloride	5.14	117	91370	53.393	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	111639	57.618	ug/l	100
40) Benzene	5.39	78	291055	57.204	ug/l	100
41) Methacrylonitrile	4.55	41	71555	67.586	ug/l	100
42) 1,2-Dichloroethane	5.41	62	111808	60.619	ug/l	100
43) Isopropyl Acetate	5.55	43	195700	63.761	ug/l	100
44) Trichloroethene	6.19	130	62480	50.792	ug/l	100
45) 1,2-Dichloropropane	6.43	63	83735	59.984	ug/l	100
46) Dibromomethane	6.56	93	50138	56.596	ug/l	100
47) Bromodichloromethane	6.76	83	100343	57.190	ug/l	100
48) Methyl methacrylate	6.62	41	100478	66.067	ug/l	100
49) 1,4-Dioxane	6.62	88	40737	1192.023	ug/l	100
51) 4-Methyl-2-Pentanone	7.46	43	675472	326.260	ug/l	100
52) Toluene	7.64	92	179309	58.982	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	115719	59.148	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	126339	59.896	ug/l	100
55) 1,1,2-Trichloroethane	8.07	97	72448	56.027	ug/l	100
56) Ethyl methacrylate	8.02	69	115844	60.800	ug/l	100
57) 1,3-Dichloropropane	8.24	76	136188	60.700	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	344665	352.934	ug/l	100
59) 2-Hexanone	8.36	43	520758	321.388	ug/l	100
60) Dibromochloromethane	8.48	129	71084	51.838	ug/l	100
61) 1,2-Dibromoethane	8.59	107	75485	54.024	ug/l	100
64) Tetrachloroethene	8.23	164	53432	47.440	ug/l	100
65) Chlorobenzene	9.12	112	182386	51.172	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	65348	50.043	ug/l	100
67) Ethyl Benzene	9.25	91	329384	55.548	ug/l	100
68) m/p-Xylenes	9.38	106	250132	111.553	ug/l	100
69) o-Xylene	9.78	106	118570	54.520	ug/l	100
70) Styrene	9.79	104	199001	55.826	ug/l	100
71) Bromoform	9.96	173	50891	45.783	ug/l #	100
73) Isopropylbenzene	10.17	105	321854	58.057	ug/l	100
74) N-amyl acetate	10.02	43	178869	66.162	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	128523	56.244	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	153150	82.371	ug/l	81
77) Bromobenzene	10.45	156	74168	50.235	ug/l	100
78) n-propylbenzene	10.59	91	394202	60.783	ug/l	100
79) 2-Chlorotoluene	10.66	91	230902	57.540	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	272099	58.503	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	153150	240.730	ug/l #	100
82) 4-Chlorotoluene	10.77	91	266008	59.023	ug/l	100
83) tert-Butylbenzene	11.10	119	258040	55.174	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	278460	59.241	ug/l	100
85) sec-Butylbenzene	11.32	105	327187	58.463	ug/l	100
86) p-Isopropyltoluene	11.48	119	281296	57.977	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	136381	49.484	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	140471	48.979	ug/l	100
89) n-Butylbenzene	11.89	91	262469	61.195	ug/l	100
90) Hexachloroethane	12.15	117	51960	53.042	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	138051	49.842	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	27689	60.450	ug/l	100

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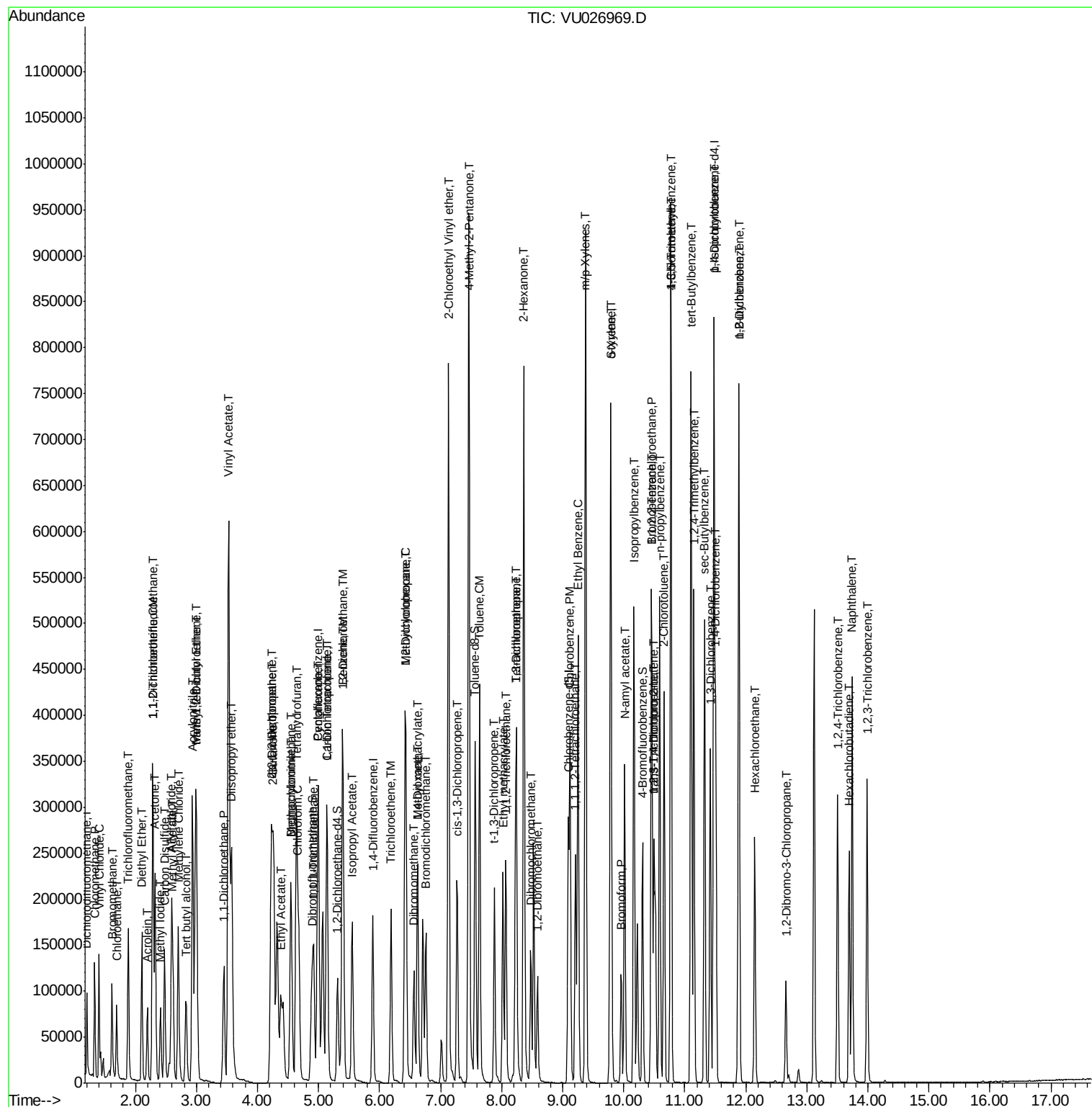
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	88882	49.083	ug/l	100
94) Hexachlorobutadiene	13.69	225	44398	47.683	ug/l	100
95) Naphthalene	13.74	128	323263	57.702	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	95529	50.260	ug/l	100

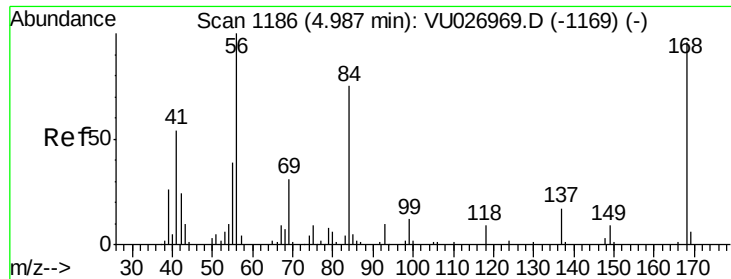
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU026969.D

Acq: 21 Sep 2018 15:38

Instrument :

MSVOA_U

ClientSampleId :

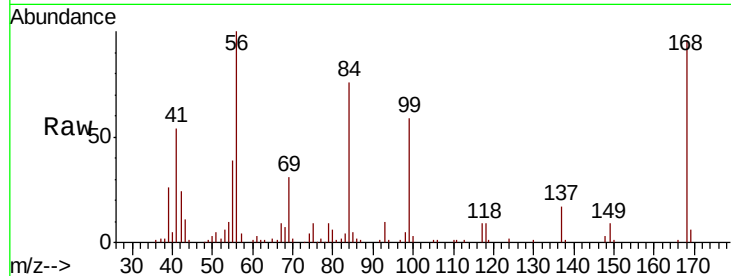
VSTDICCC050

Tgt Ion:168 Resp: 85803

Ion Ratio Lower Upper

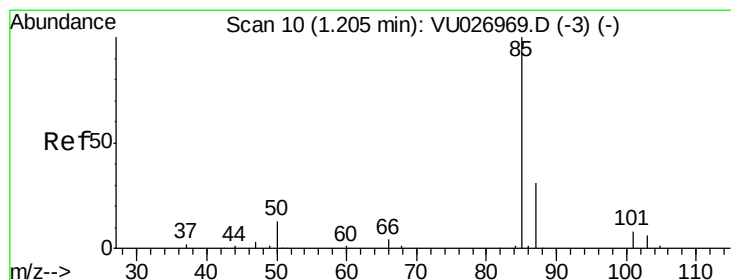
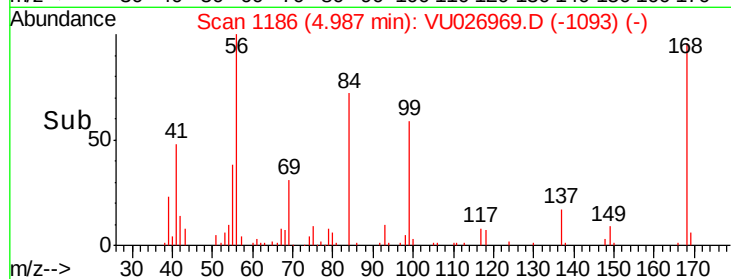
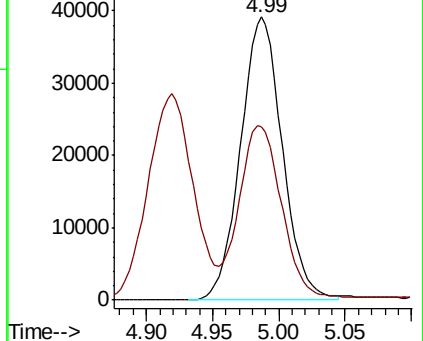
168 100

99 60.1 48.1 72.1



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

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)



#2

Dichlorodifluoromethane

Concen: 57.288 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU026969.D

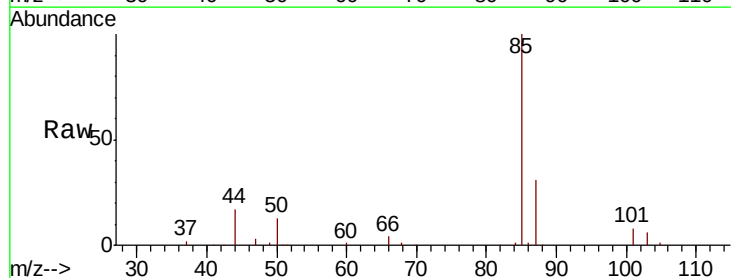
Acq: 21 Sep 2018 15:38

Tgt Ion: 85 Resp: 54810

Ion Ratio Lower Upper

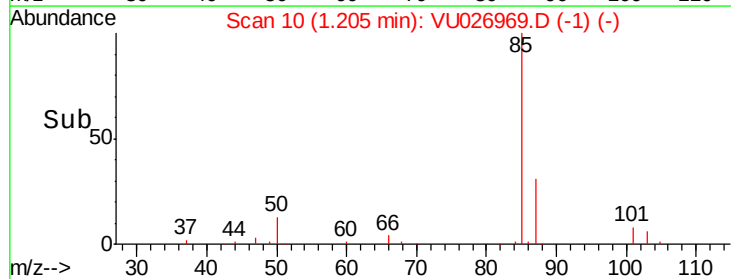
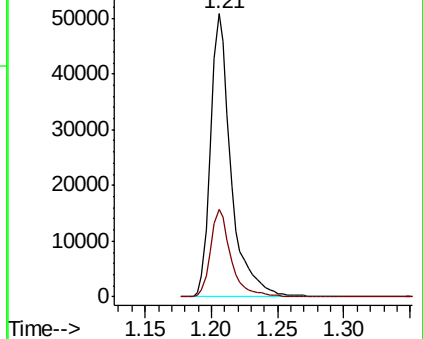
85 100

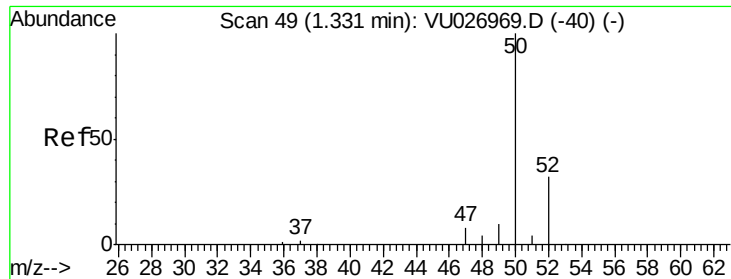
87 31.1 15.6 46.7



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

Ion 86.90 (86.60 to 87.60): VU026969.D (-3) (-)

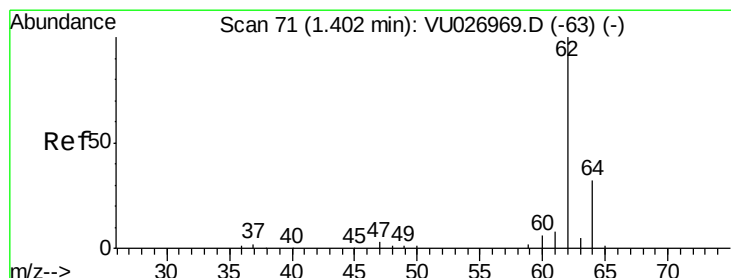
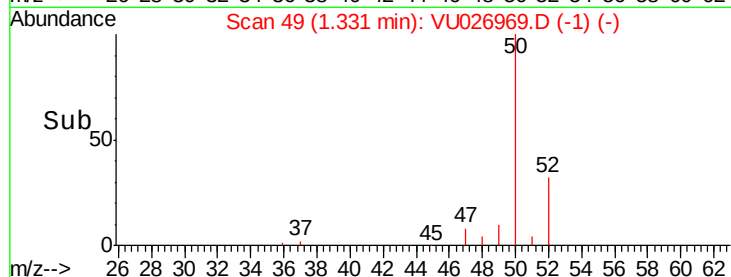
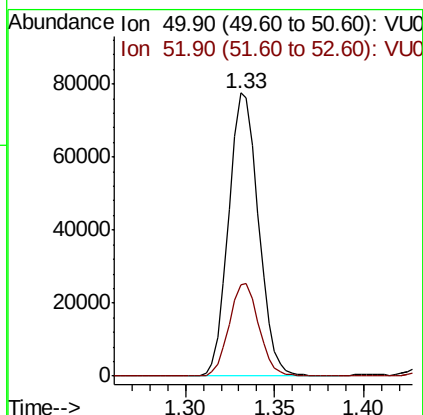
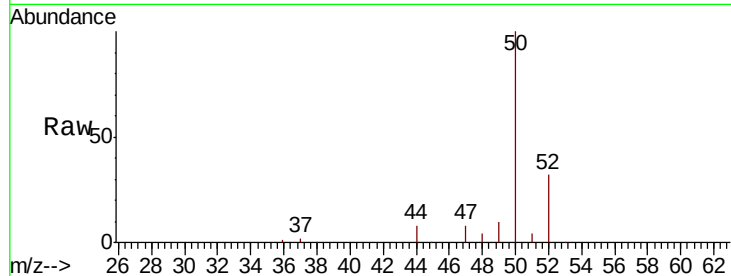




#3
Chloromethane
Concen: 65.151 ug/l
RT: 1.33 min Scan# 49
Delta R.T. 0.00 min
Lab File: VU026969.D
Acq: 21 Sep 2018 15:38

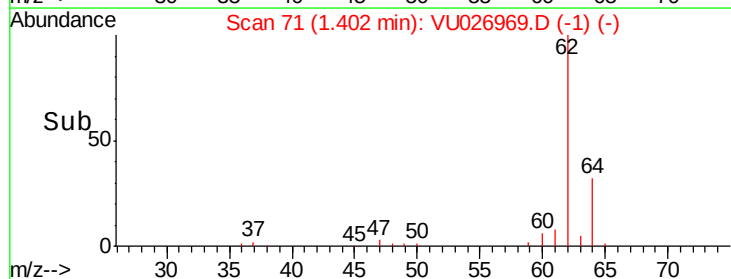
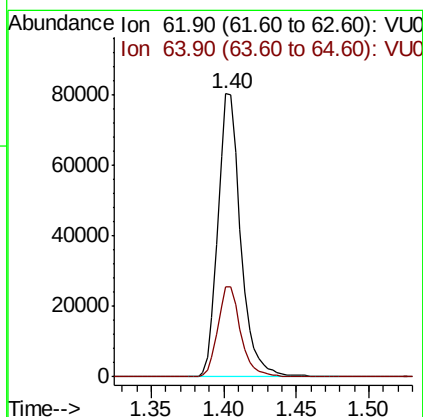
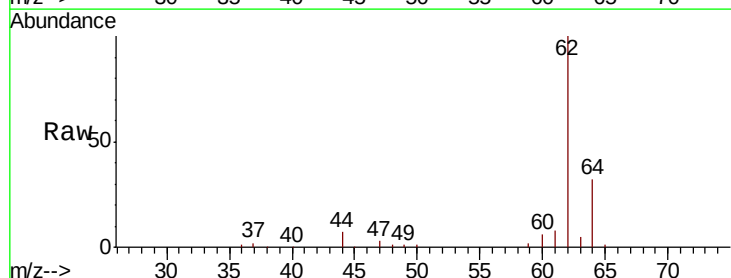
Instrument :
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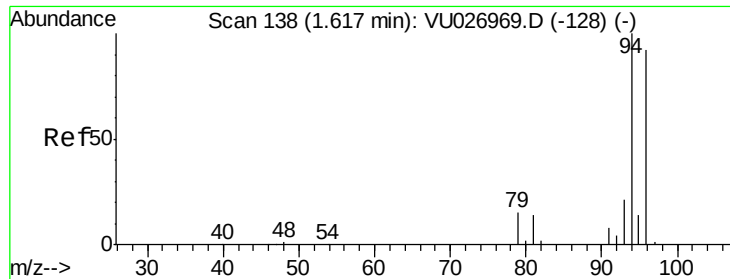
Tgt Ion: 50 Resp: 90548
Ion Ratio Lower Upper
50 100
52 32.4 25.9 38.9



#4
Vinyl Chloride
Concen: 62.233 ug/l
RT: 1.40 min Scan# 71
Delta R.T. 0.00 min
Lab File: VU026969.D
Acq: 21 Sep 2018 15:38

Tgt Ion: 62 Resp: 87692
Ion Ratio Lower Upper
62 100
64 31.9 25.5 38.3

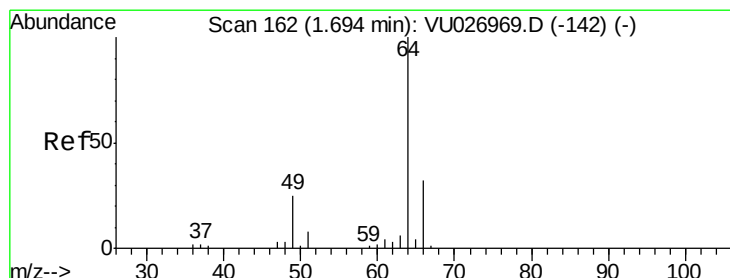
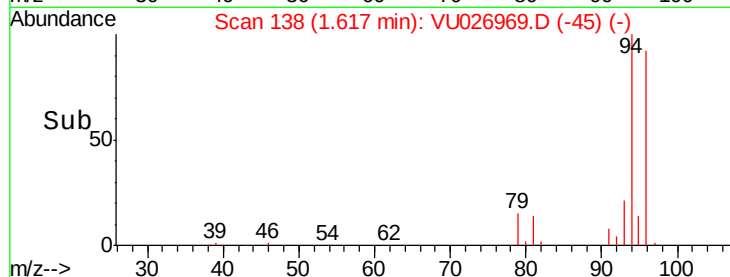
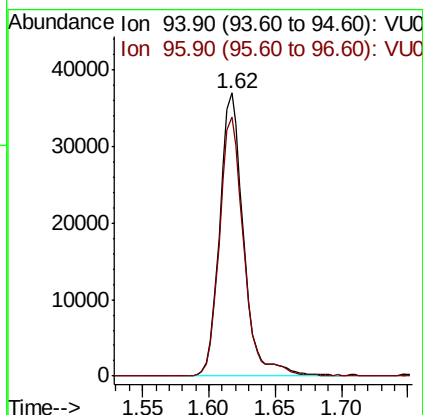
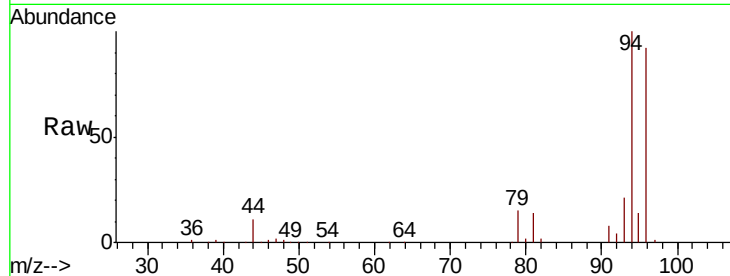




#5
Bromomethane
Concen: 53.579 ug/l
RT: 1.62 min Scan# 138
Delta R.T. 0.00 min
Lab File: VU026969.D
Acq: 21 Sep 2018 15:38

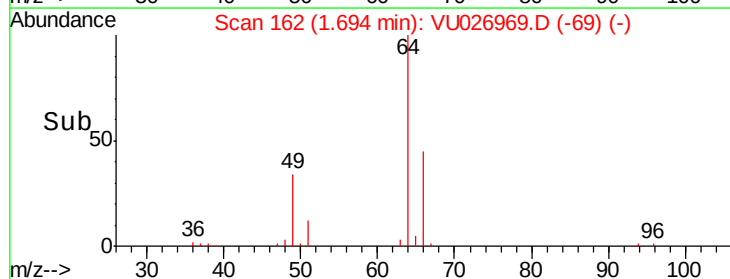
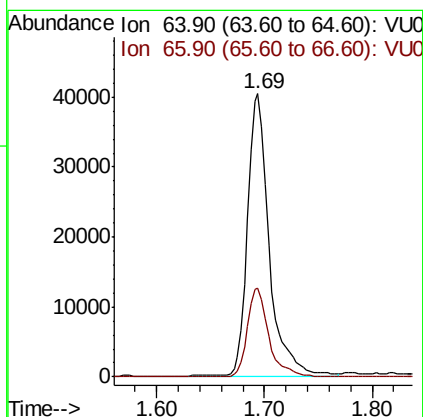
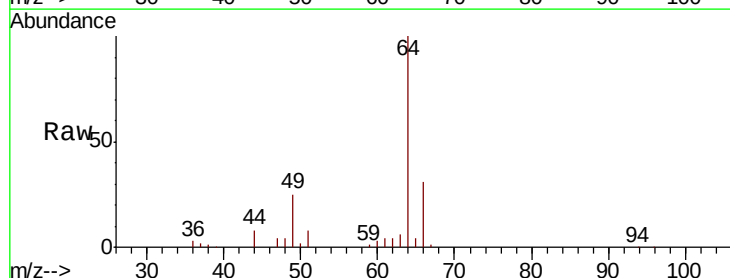
Instrument :
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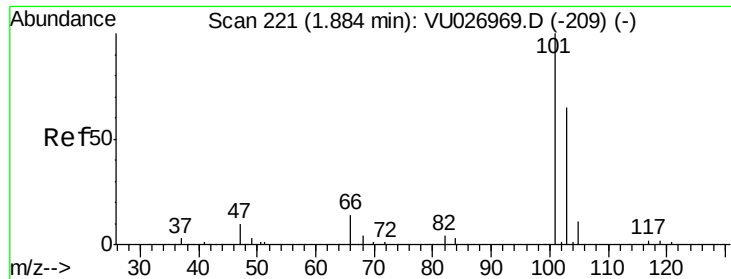
Tgt Ion: 94 Resp: 46316
Ion Ratio Lower Upper
94 100
96 91.5 73.2 109.8



#6
Chloroethane
Concen: 62.269 ug/l
RT: 1.69 min Scan# 162
Delta R.T. 0.00 min
Lab File: VU026969.D
Acq: 21 Sep 2018 15:38

Tgt Ion: 64 Resp: 56063
Ion Ratio Lower Upper
64 100
66 31.6 25.3 37.9



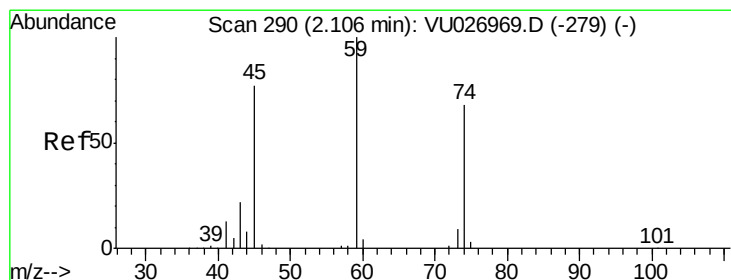
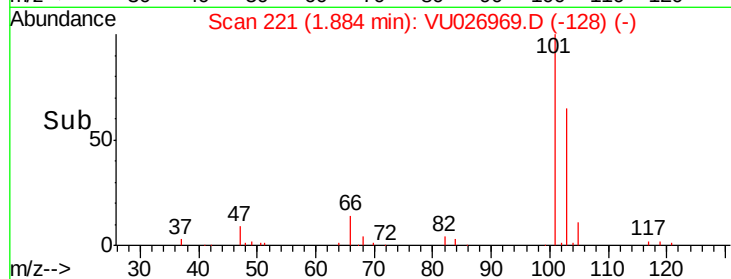
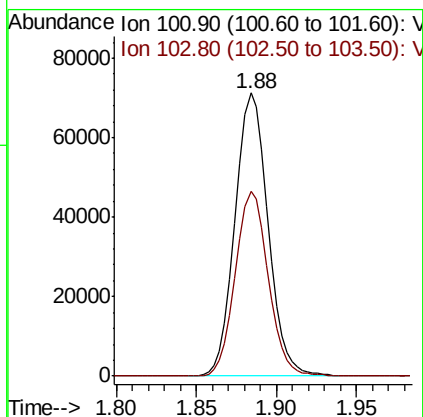
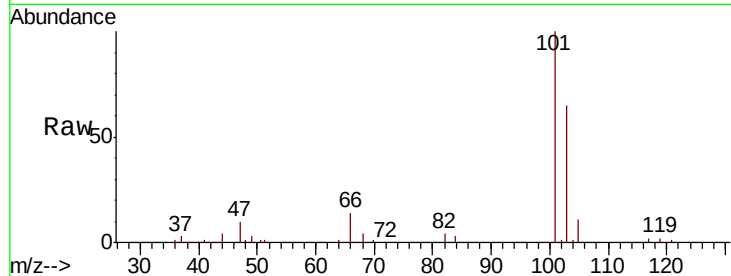


#7

Trichlorofluoromethane
 Concen: 55.702 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VU026969.D
 Acq: 21 Sep 2018 15:38

Instrument :
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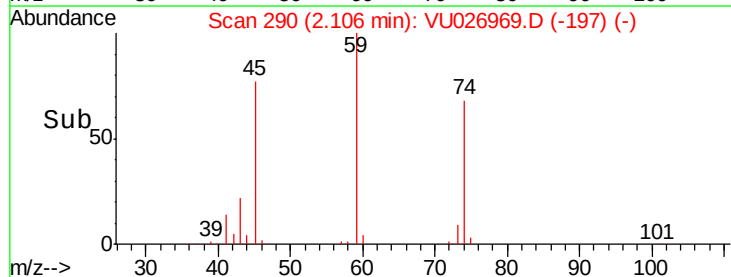
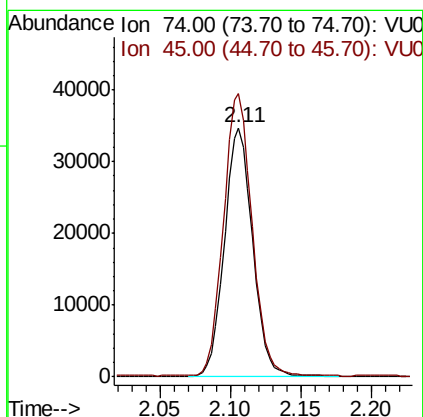
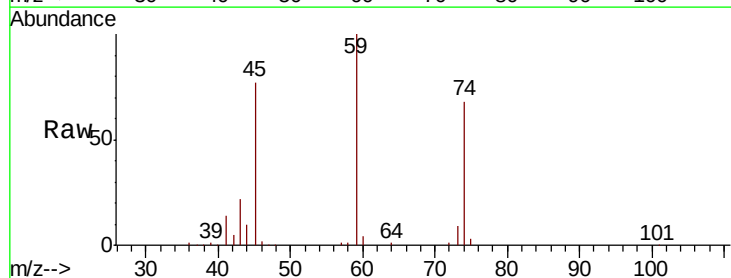
Tgt Ion: 101 Resp: 99966
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.2 78.2

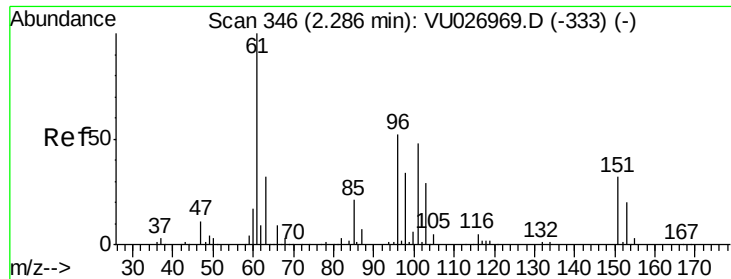


#8

Diethyl Ether
 Concen: 60.484 ug/l
 RT: 2.11 min Scan# 290
 Delta R.T. 0.00 min
 Lab File: VU026969.D
 Acq: 21 Sep 2018 15:38

Tgt Ion: 74 Resp: 48681
 Ion Ratio Lower Upper
 74 100
 45 113.8 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.139 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU026969.D

Acq: 21 Sep 2018 15:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

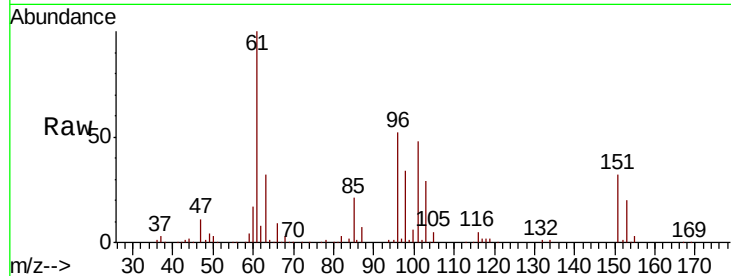
Tgt Ion:101 Resp: 60095

Ion Ratio Lower Upper

101 100

85 45.2 36.2 54.2

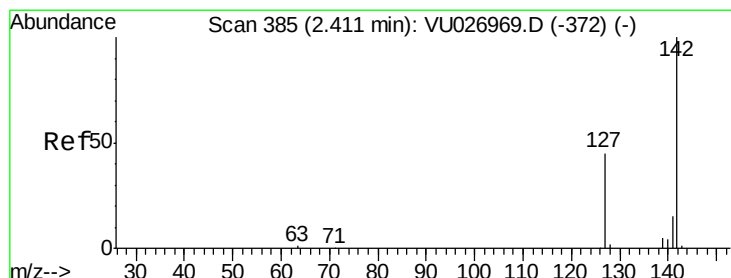
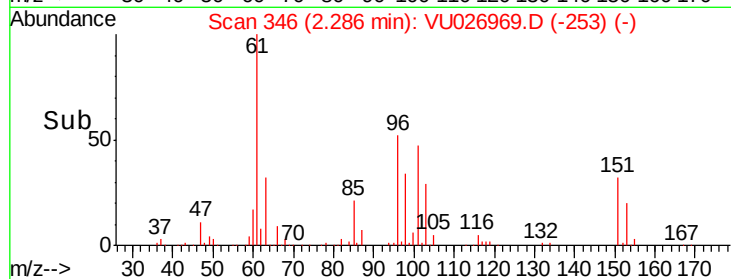
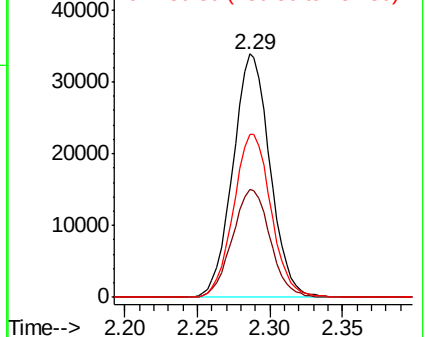
151 68.1 54.5 81.7



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: 83.871 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU026969.D

Acq: 21 Sep 2018 15:38

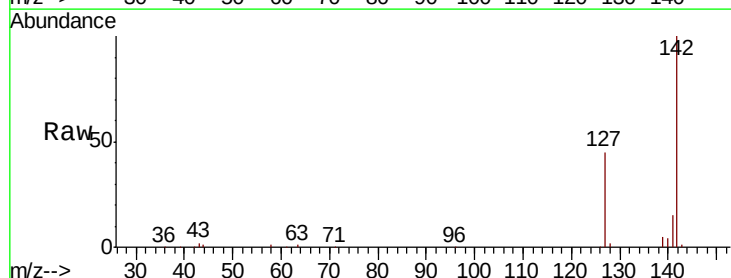
Tgt Ion:142 Resp: 78364

Ion Ratio Lower Upper

142 100

127 45.9 36.7 55.1

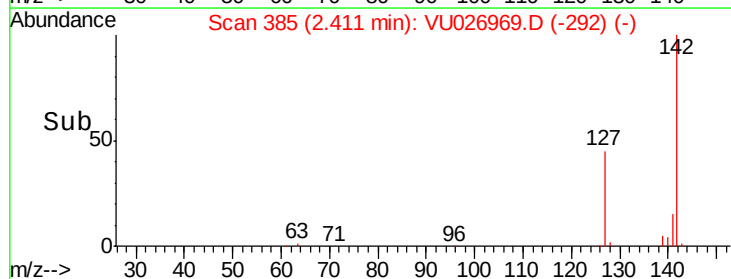
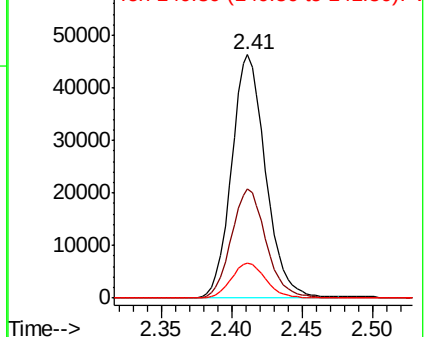
141 14.7 11.8 17.6

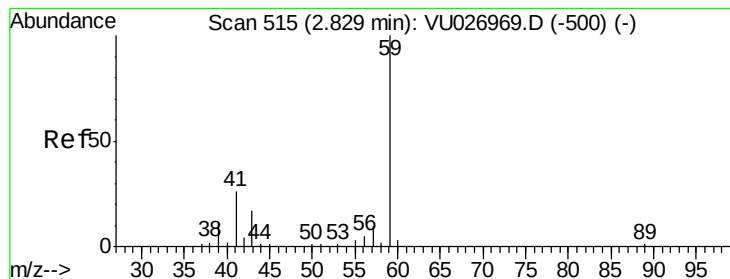


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



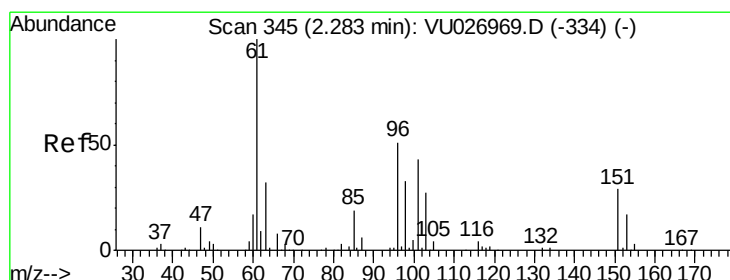
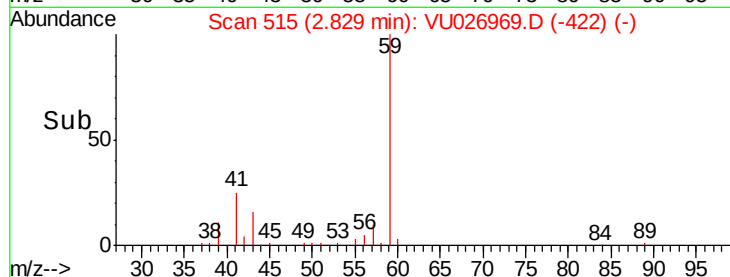
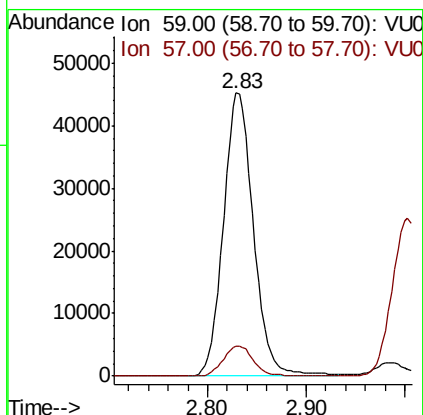
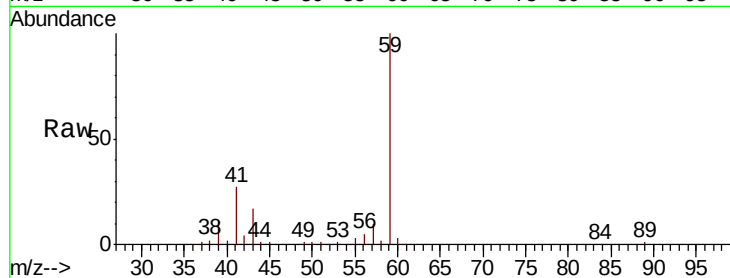


#11

Tert butyl alcohol
 Concen: 288.751 ug/l
 RT: 2.83 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: VU026969.D
 Acq: 21 Sep 2018 15:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

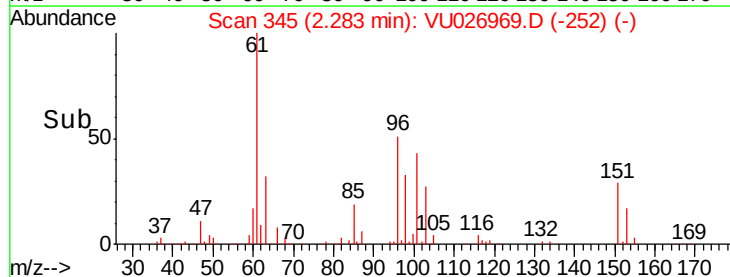
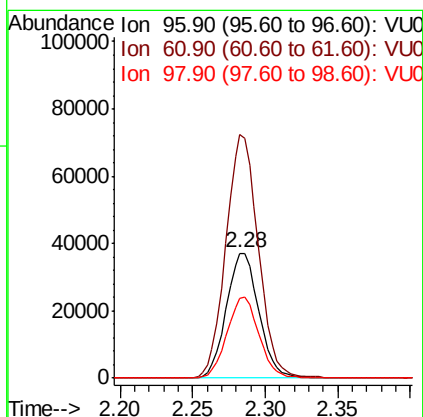
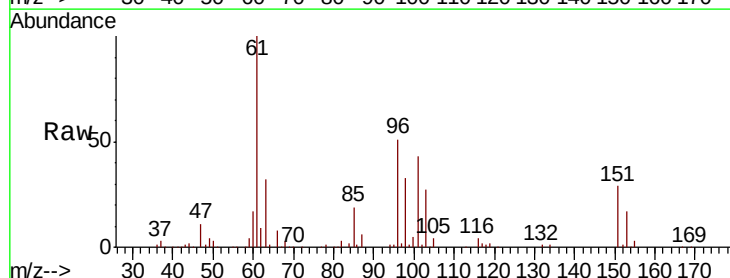
Tgt Ion: 59 Resp: 96490
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.5 12.7

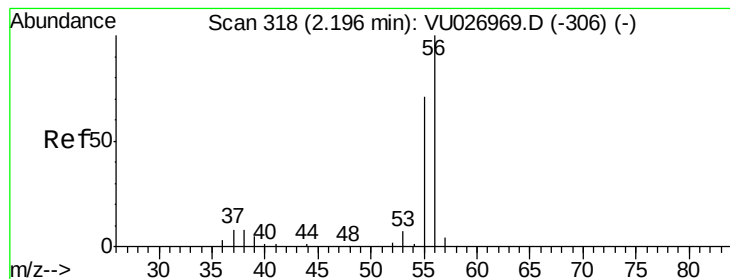


#12

1,1-Dichloroethene
 Concen: 56.664 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU026969.D
 Acq: 21 Sep 2018 15:38

Tgt Ion: 96 Resp: 57503
 Ion Ratio Lower Upper
 96 100
 61 195.1 156.1 234.1
 98 64.2 51.4 77.0





#13

Acrolein

Concen: 259.180 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU026969.D

Acq: 21 Sep 2018 15:38

Instrument :

MSVOA_U

ClientSampleId :

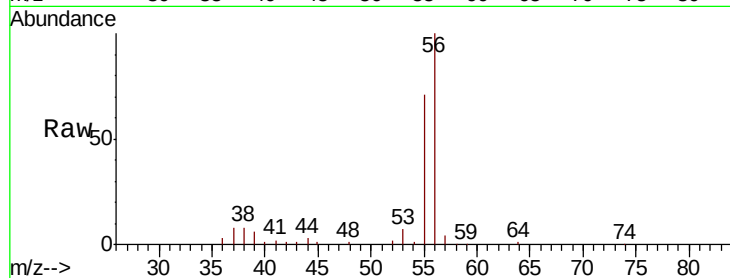
VSTDICCC050

Tgt Ion: 56 Resp: 56348

Ion Ratio Lower Upper

56 100

55 71.4 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) (-)

2.20

40000

30000

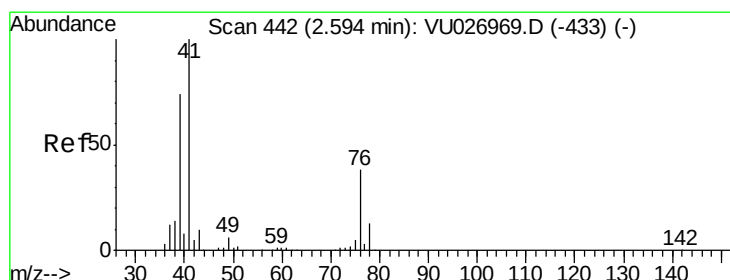
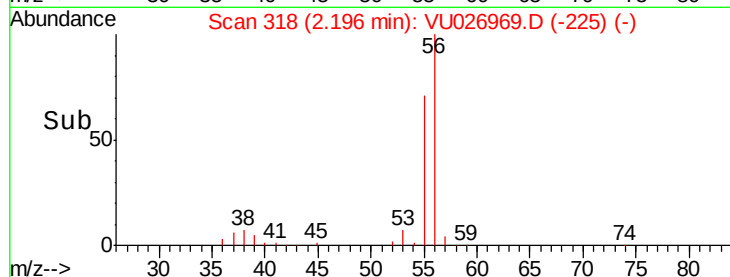
20000

10000

0

Time-->

2.10 2.15 2.20 2.25 2.30



#14

Allyl chloride

Concen: 63.682 ug/l

RT: 2.59 min Scan# 442

Delta R.T. 0.00 min

Lab File: VU026969.D

Acq: 21 Sep 2018 15:38

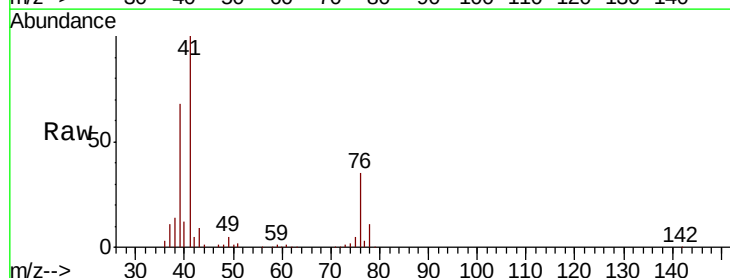
Tgt Ion: 41 Resp: 120447

Ion Ratio Lower Upper

41 100

39 69.6 55.7 83.5

76 33.1 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

80000

60000

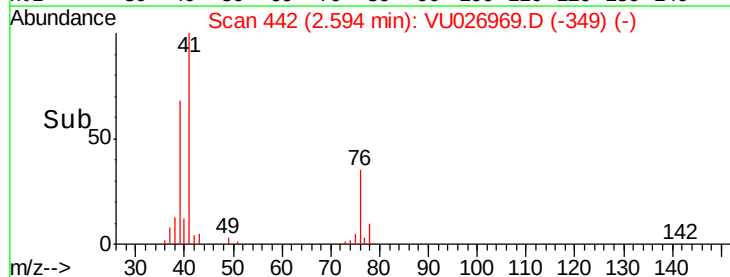
40000

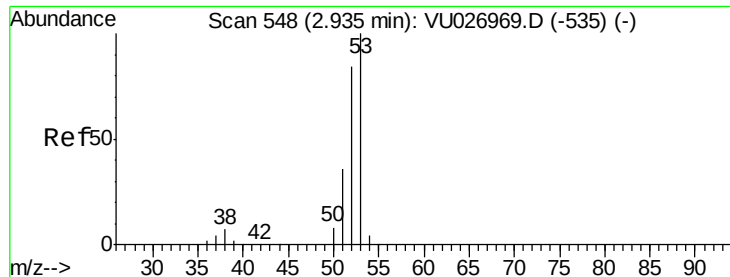
20000

0

Time-->

2.55 2.60 2.65 2.70





#15

Acrylonitrile

Concen: 345.803 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU026969.D

Acq: 21 Sep 2018 15:38

Instrument :

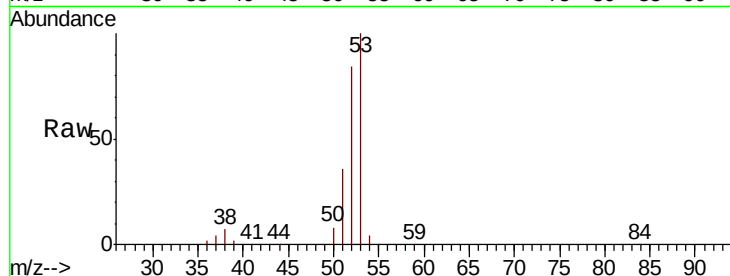
MSVOA_U

ClientSampleId :

VSTDICCC050

Tgt Ion: 53 Resp: 252957

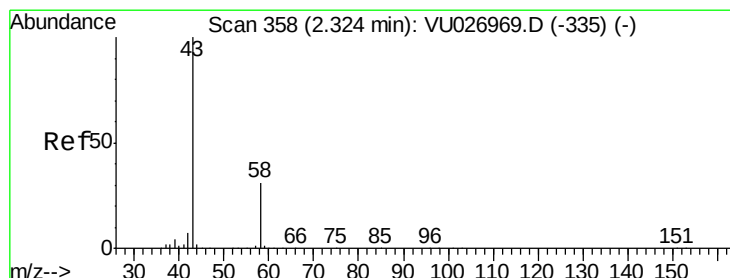
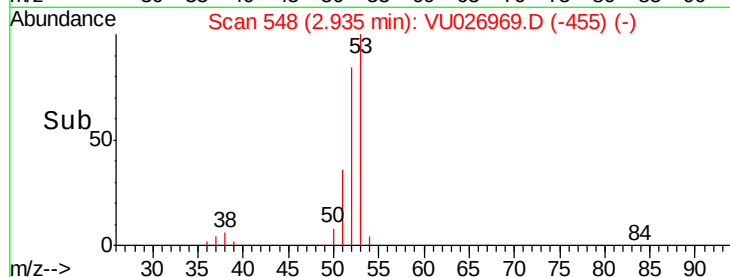
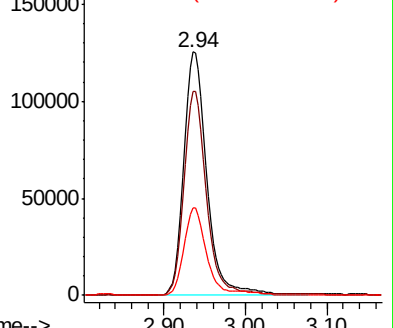
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.7	98.5
51	34.3	27.4	41.2



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 305.408 ug/l

RT: 2.32 min Scan# 358

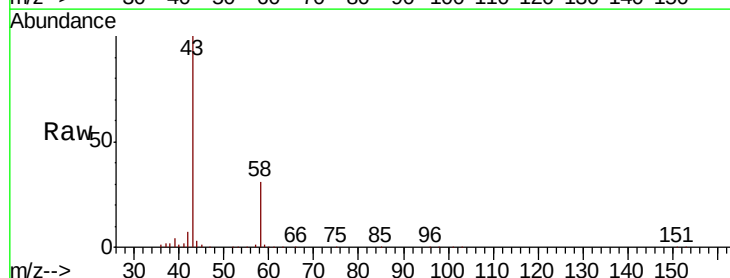
Delta R.T. 0.00 min

Lab File: VU026969.D

Acq: 21 Sep 2018 15:38

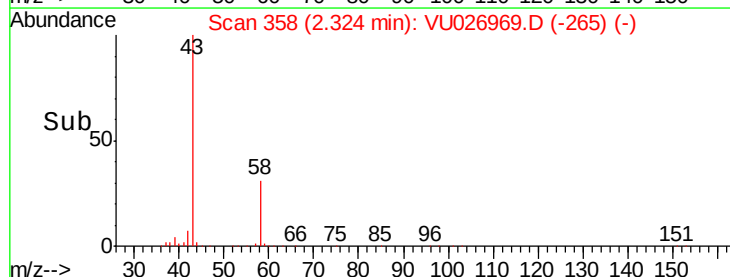
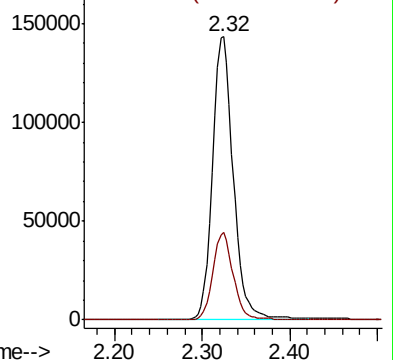
Tgt Ion: 43 Resp: 238248

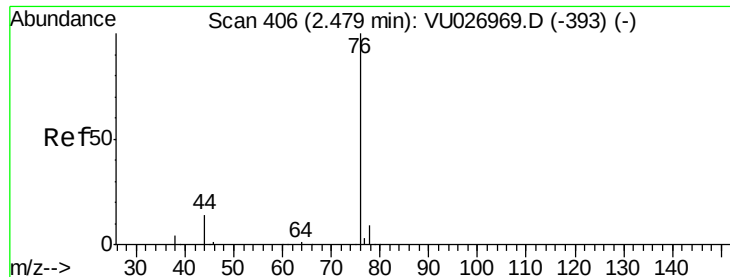
Ion	Ratio	Lower	Upper
43	100		
58	30.7	24.6	36.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

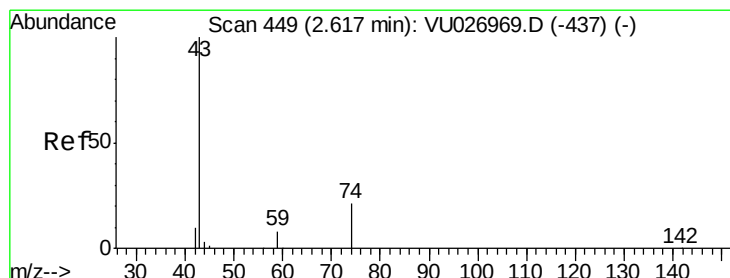
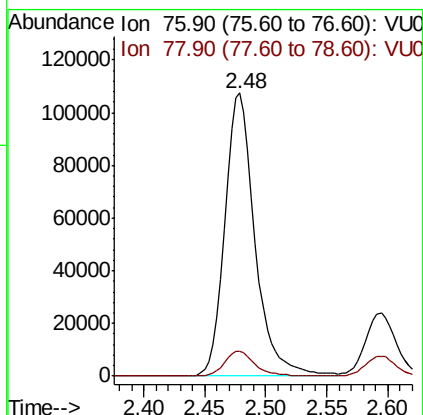
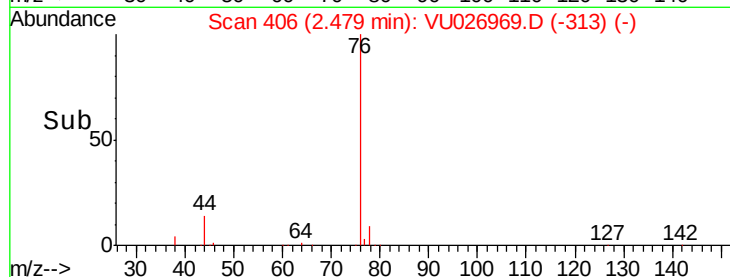
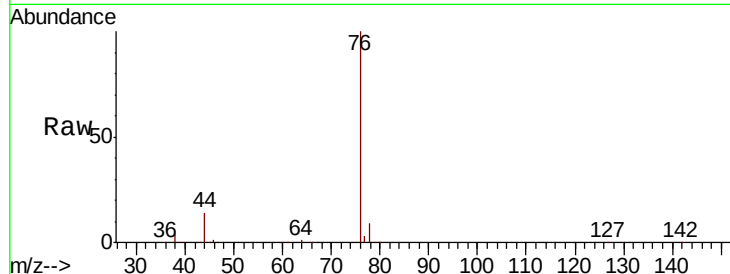




#17
Carbon Disulfide
Concen: 57.289 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.00 min
Lab File: VU026969.D
Acq: 21 Sep 2018 15:38

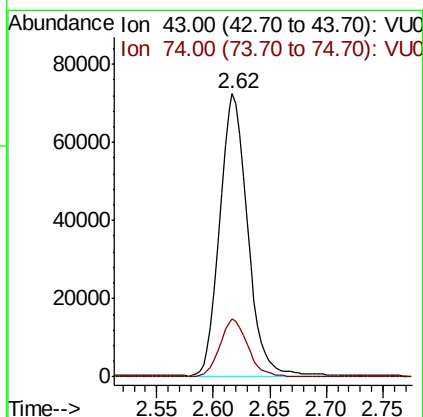
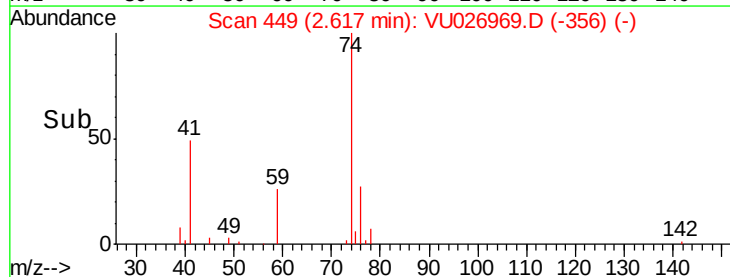
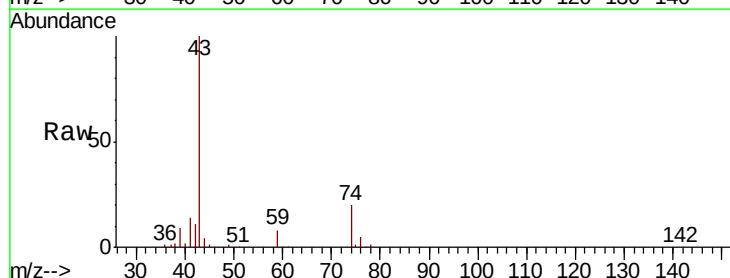
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

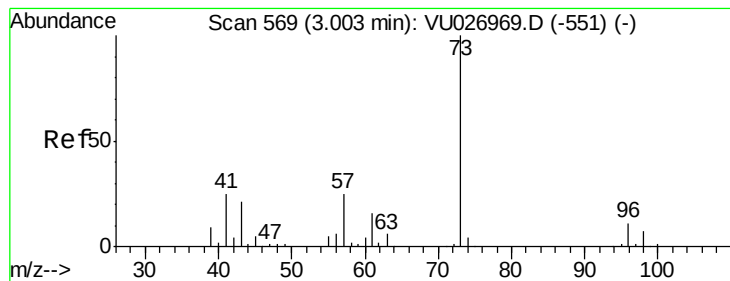
Tgt Ion: 76 Resp: 186207
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 71.160 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU026969.D
Acq: 21 Sep 2018 15:38

Tgt Ion: 43 Resp: 123215
Ion Ratio Lower Upper
43 100
74 20.8 16.6 25.0



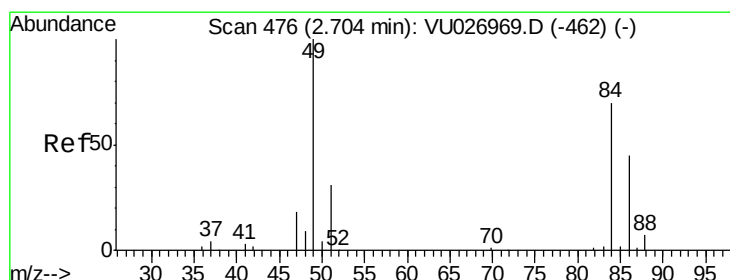
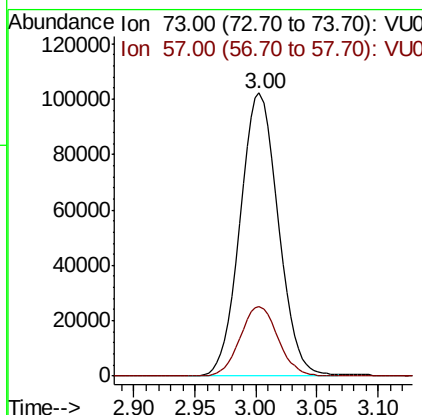
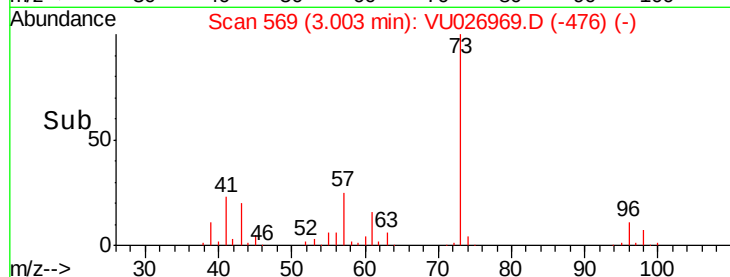
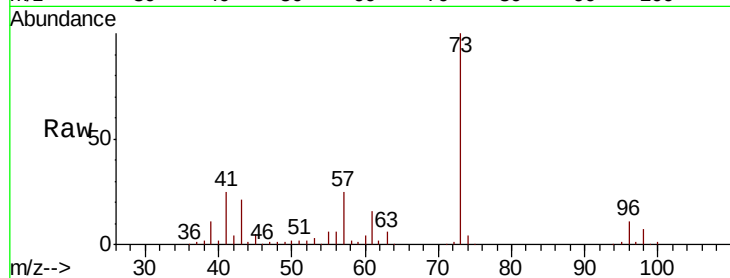


#19

Methyl tert-butyl Ether
 Concen: 62.105 ug/l
 RT: 3.00 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VU026969.D
 Acq: 21 Sep 2018 15:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

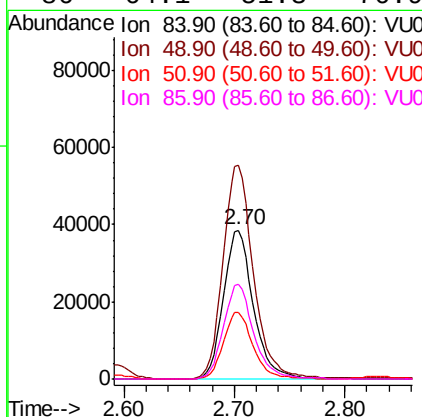
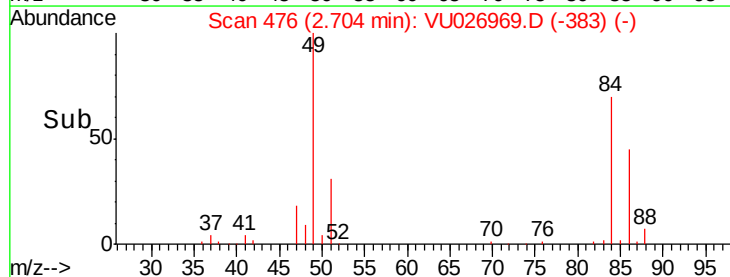
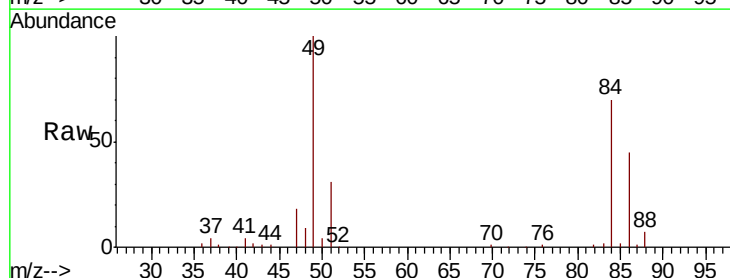
Tgt Ion: 73 Resp: 221144
 Ion Ratio Lower Upper
 73 100
 57 24.7 19.8 29.6

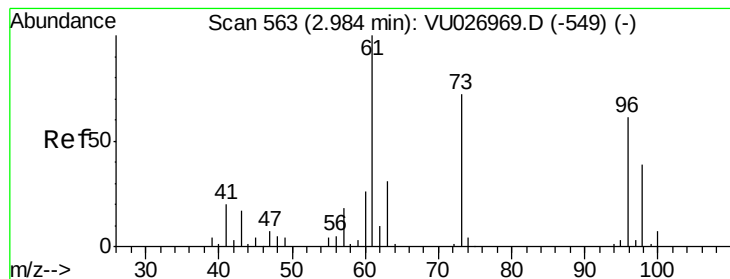


#20

Methylene Chloride
 Concen: 58.435 ug/l
 RT: 2.70 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: VU026969.D
 Acq: 21 Sep 2018 15:38

Tgt Ion: 84 Resp: 72540
 Ion Ratio Lower Upper
 84 100
 49 143.6 114.9 172.3
 51 44.8 35.8 53.8
 86 64.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 59.528 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU026969.D

Acq: 21 Sep 2018 15:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

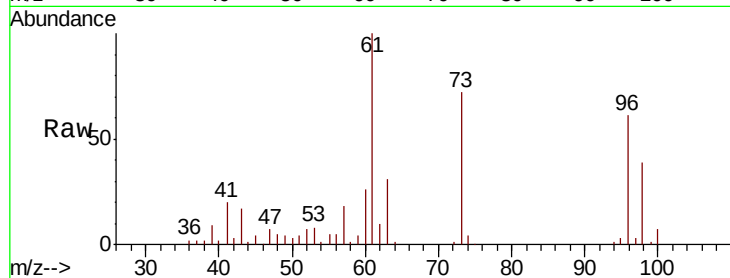
Tgt Ion: 96 Resp: 64128

Ion Ratio Lower Upper

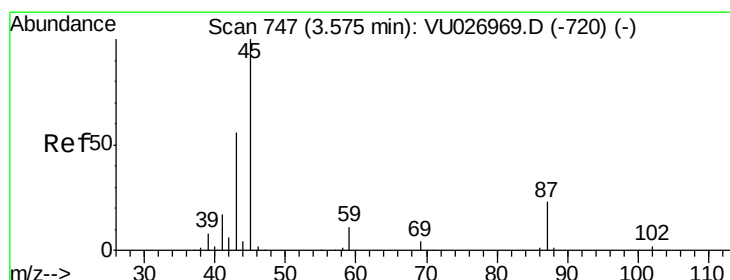
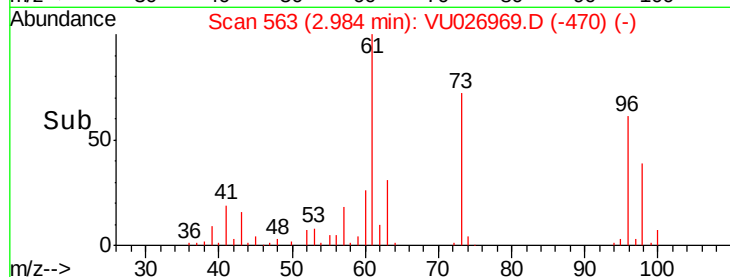
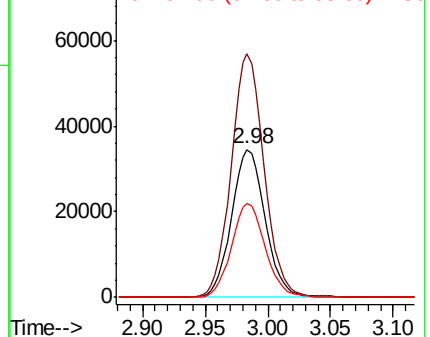
96 100

61 164.7 131.8 197.6

98 63.6 50.9 76.3



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



#22

Diisopropyl ether

Concen: 68.333 ug/l

RT: 3.58 min Scan# 747

Delta R.T. 0.00 min

Lab File: VU026969.D

Acq: 21 Sep 2018 15:38

Tgt Ion: 45 Resp: 270646

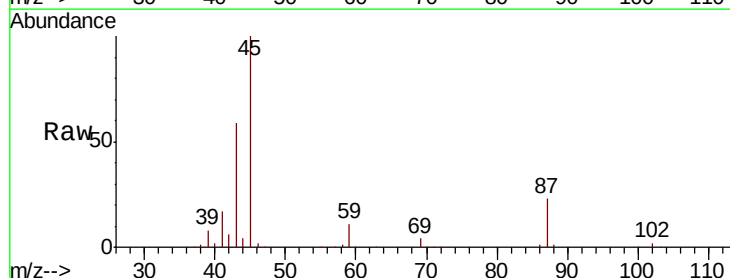
Ion Ratio Lower Upper

45 100

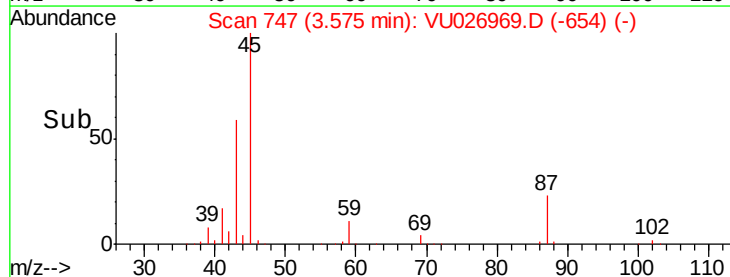
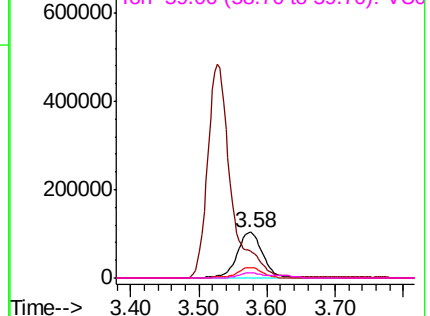
43 57.2 45.8 68.6

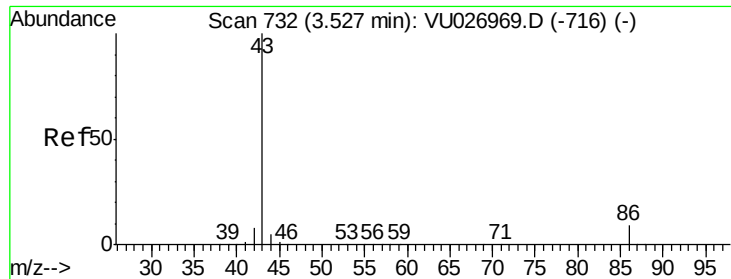
87 23.3 18.6 28.0

59 11.2 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 343.829 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU026969.D

Acq: 21 Sep 2018 15:38

Instrument :

MSVOA_U

ClientSampleId :

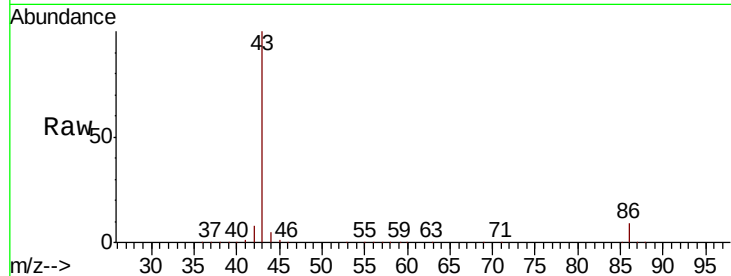
VSTDICCC050

Tgt Ion: 43 Resp: 1156044

Ion Ratio Lower Upper

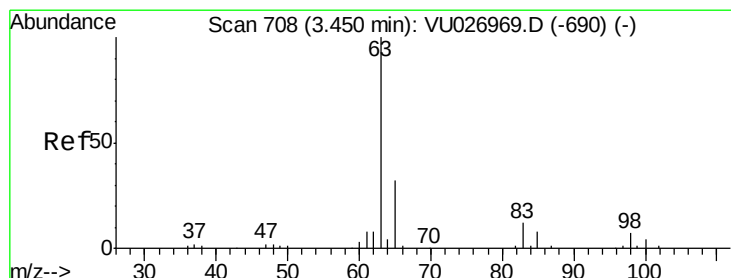
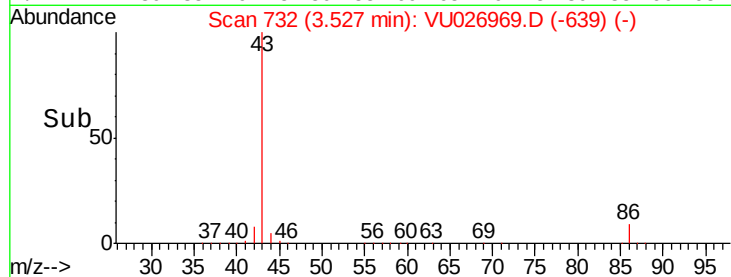
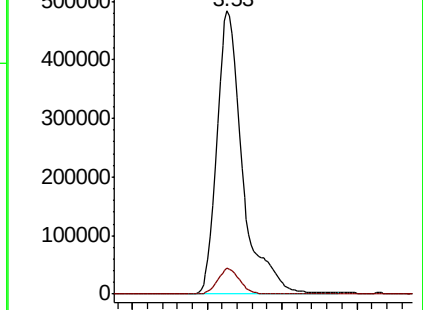
43 100

86 9.0 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-716) (-)

Ion 86.00 (85.70 to 86.70): VU026969.D (-716) (-)



#24

1,1-Dichloroethane

Concen: 63.935 ug/l

RT: 3.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: VU026969.D

Acq: 21 Sep 2018 15:38

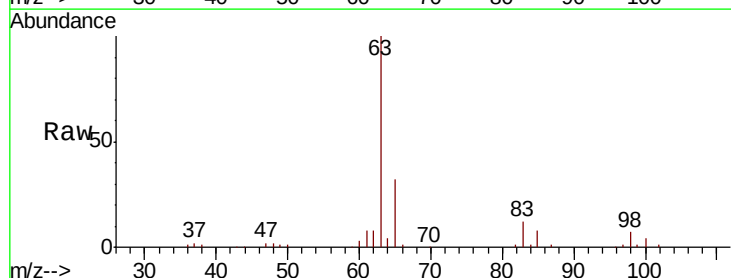
Tgt Ion: 63 Resp: 141022

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

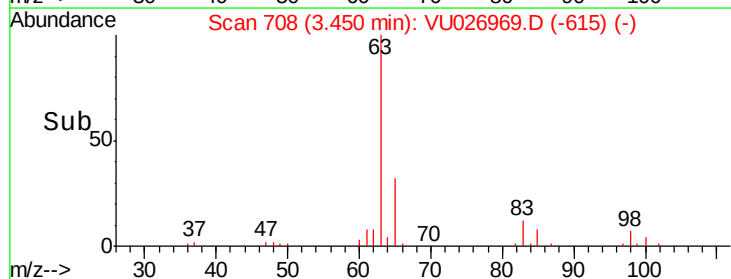
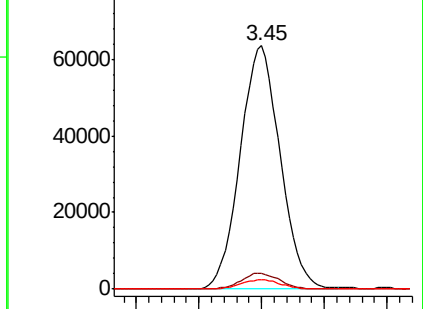
100 3.9 2.0 5.8

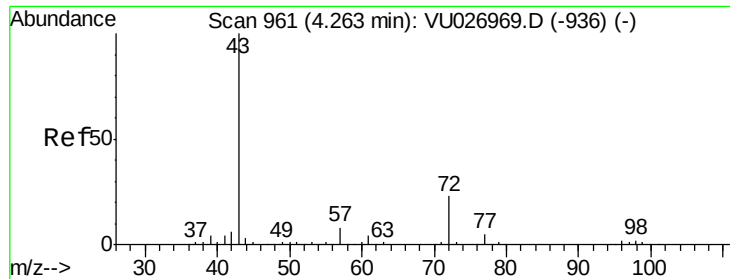


Abundance Ion 62.90 (62.60 to 63.60): VU026969.D (-690) (-)

Ion 97.90 (97.60 to 98.60): VU026969.D (-690) (-)

Ion 99.90 (99.60 to 100.60): VU026969.D (-690) (-)





#25

2-Butanone

Concen: 338.682 ug/l

RT: 4.26 min Scan# 961

Delta R.T. 0.00 min

Lab File: VU026969.D

Acq: 21 Sep 2018 15:38

Instrument :

MSVOA_U

ClientSampleId :

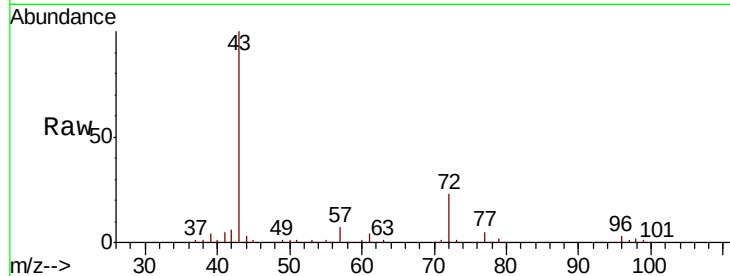
VSTDICCC050

Tgt Ion: 43 Resp: 360522

Ion Ratio Lower Upper

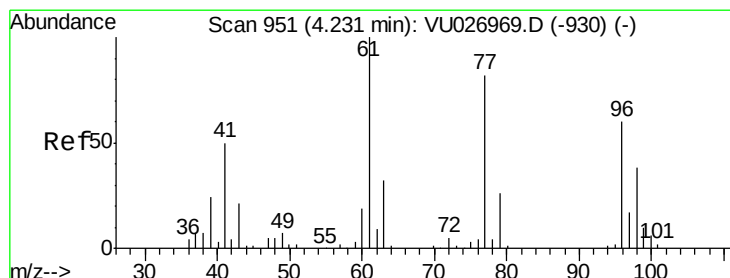
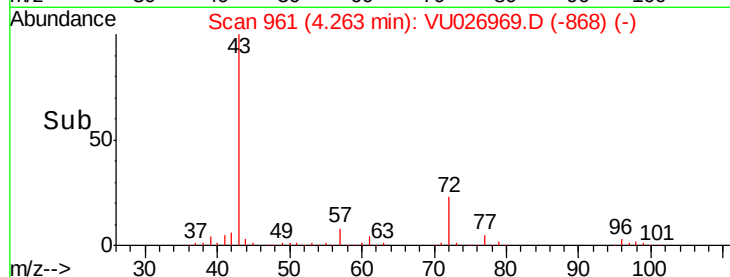
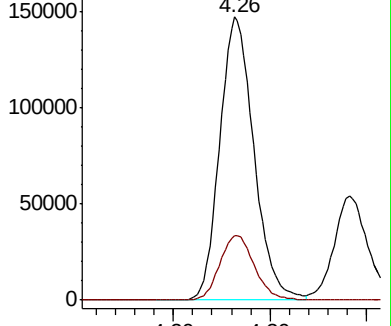
43 100

72 23.0 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 60.703 ug/l

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

Lab File: VU026969.D

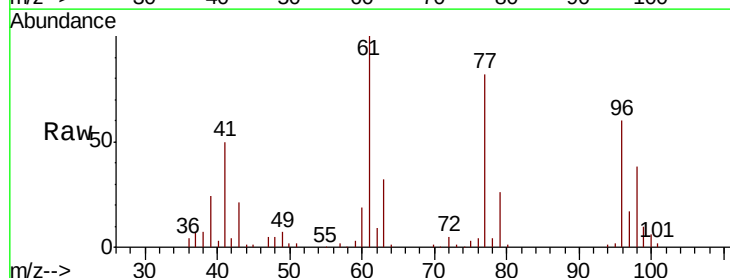
Acq: 21 Sep 2018 15:38

Tgt Ion: 77 Resp: 108751

Ion Ratio Lower Upper

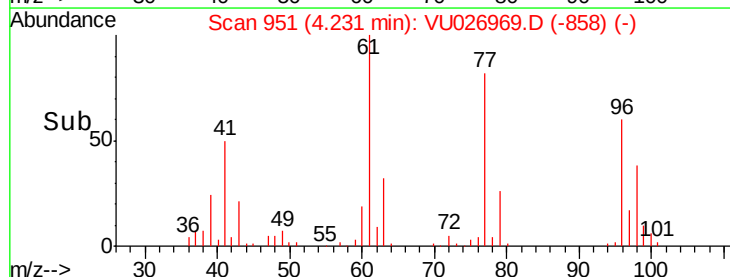
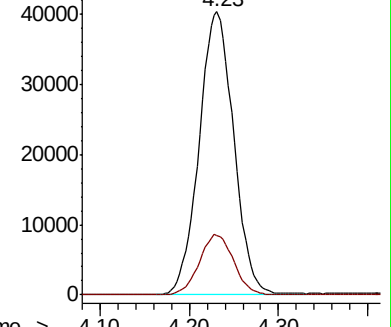
77 100

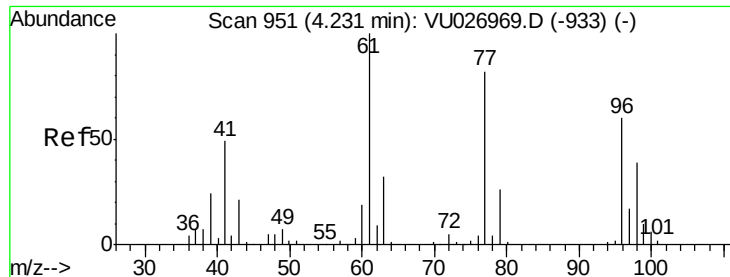
97 21.0 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0



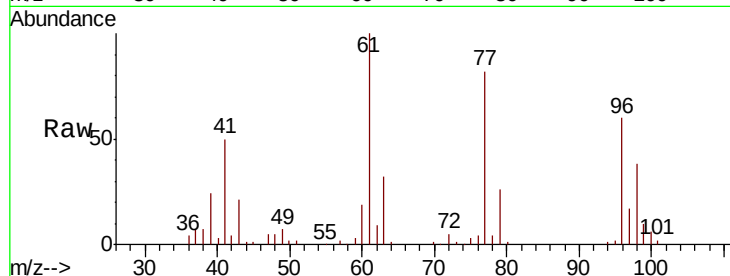


#27

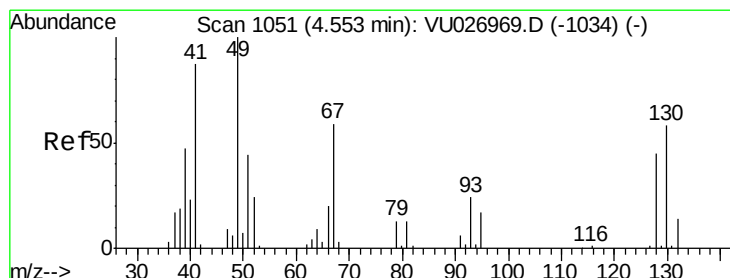
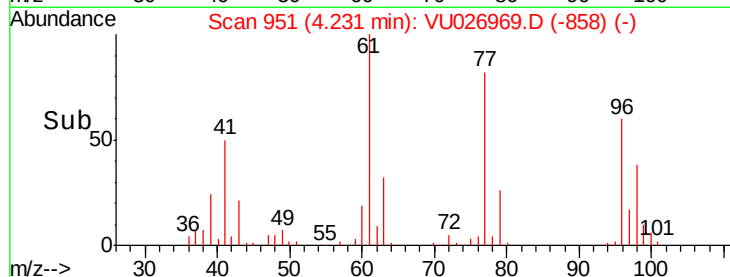
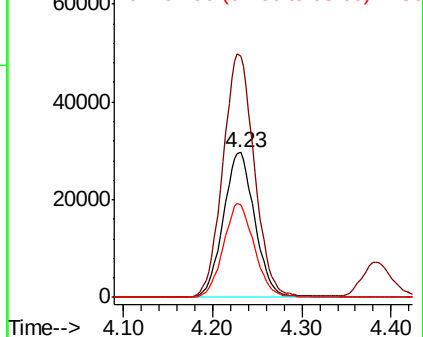
cis-1,2-Dichloroethene
Concen: 58.527 ug/l
RT: 4.23 min Scan# 951
Delta R.T. 0.00 min
Lab File: VU026969.D
Acq: 21 Sep 2018 15:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 72194
Ion Ratio Lower Upper
96 100
61 168.6 0.0 337.2
98 63.8 0.0 127.6



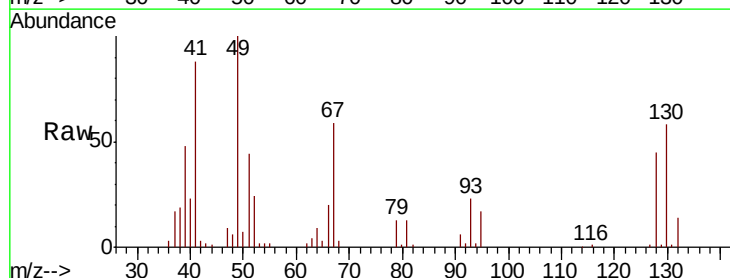
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



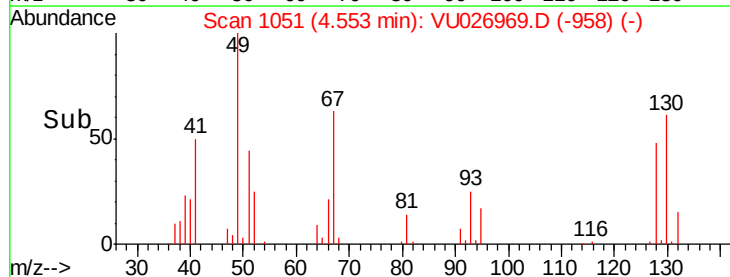
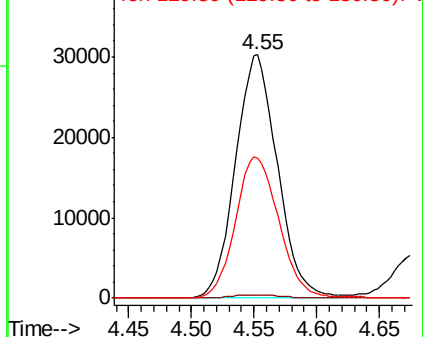
#28

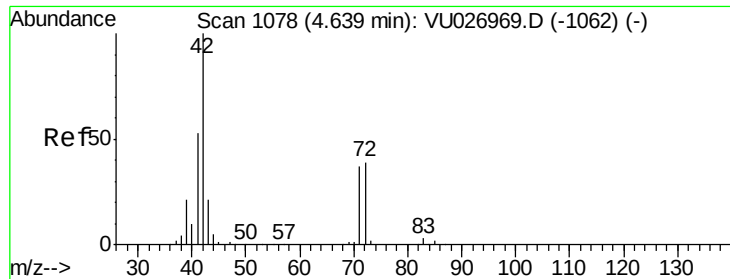
Bromochloromethane
Concen: 66.348 ug/l
RT: 4.55 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU026969.D
Acq: 21 Sep 2018 15:38

Tgt Ion: 49 Resp: 70501
Ion Ratio Lower Upper
49 100
129 1.5 0.0 3.0
130 59.8 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: 353.129 ug/l

RT: 4.64 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VU026969.D

Acq: 21 Sep 2018 15:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

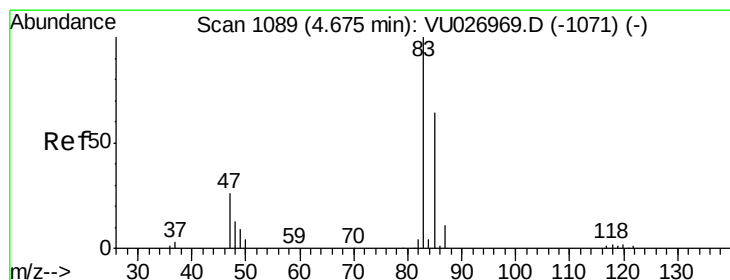
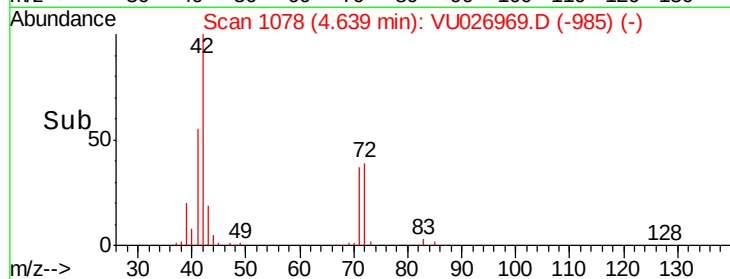
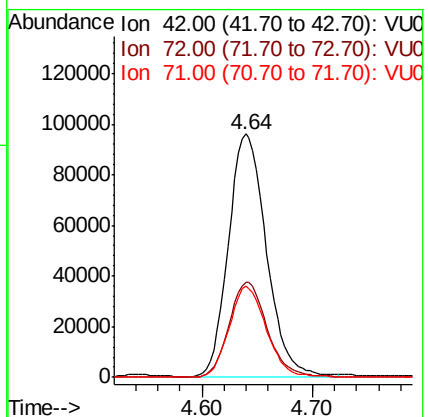
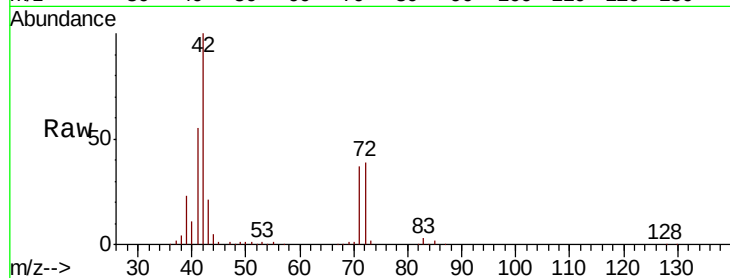
Tgt Ion: 42 Resp: 228832

Ion Ratio Lower Upper

42 100

72 39.6 31.7 47.5

71 37.0 29.6 44.4



#30

Chloroform

Concen: 60.330 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VU026969.D

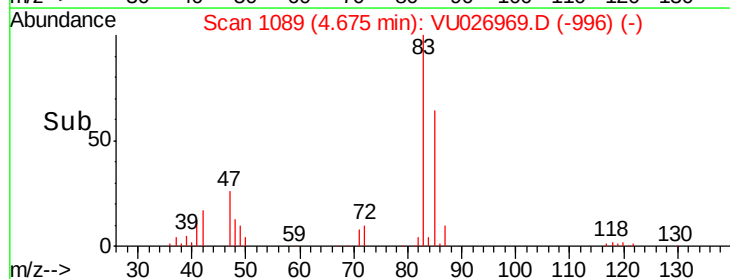
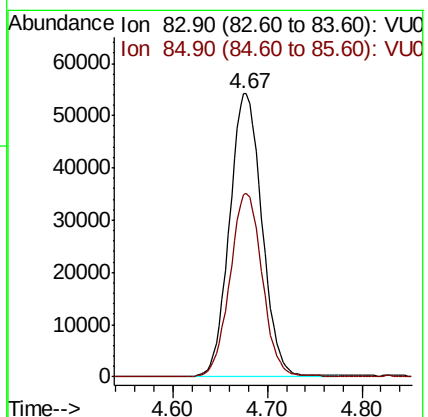
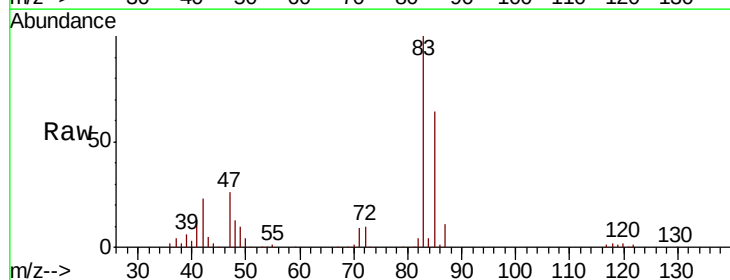
Acq: 21 Sep 2018 15:38

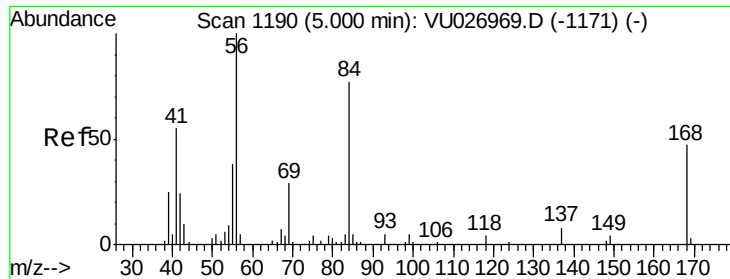
Tgt Ion: 83 Resp: 129391

Ion Ratio Lower Upper

83 100

85 64.4 51.5 77.3

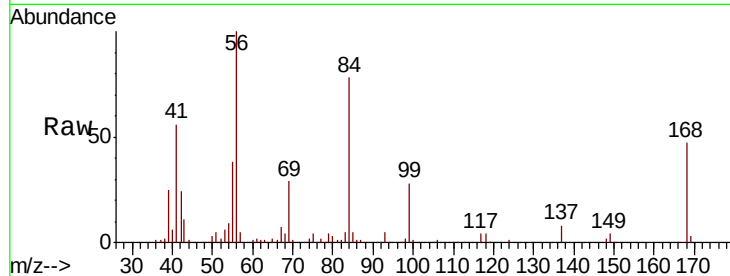




#31
Cyclohexane
Concen: 56.799 ug/l
RT: 5.00 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VU026969.D
Acq: 21 Sep 2018 15:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	28.7	23.0	34.4
84	76.8	61.4	92.2

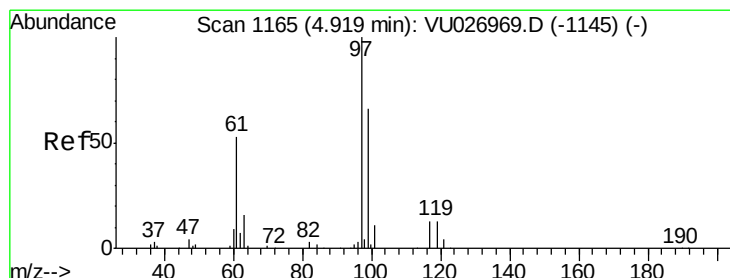
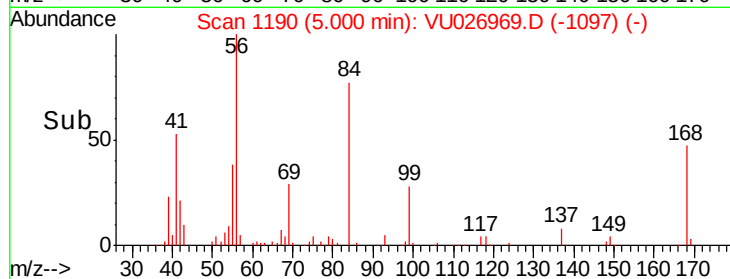
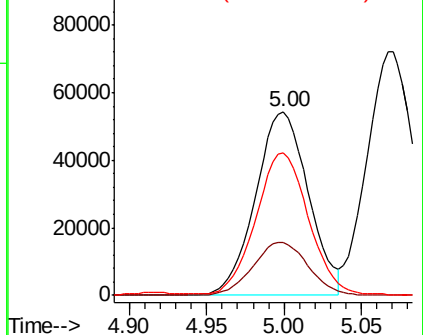


Abundance

Ion 56.00 (55.70 to 56.70): VU0

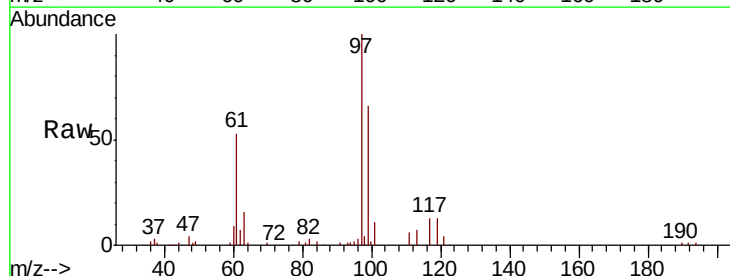
Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



#32
1,1,1-Trichloroethane
Concen: 59.918 ug/l
RT: 4.92 min Scan# 1165
Delta R.T. 0.00 min
Lab File: VU026969.D
Acq: 21 Sep 2018 15:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.8	77.6
61	51.4	41.1	61.7

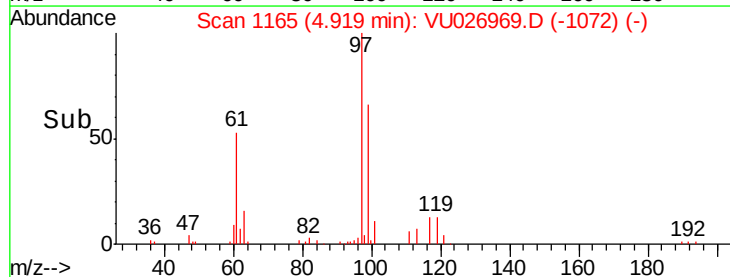
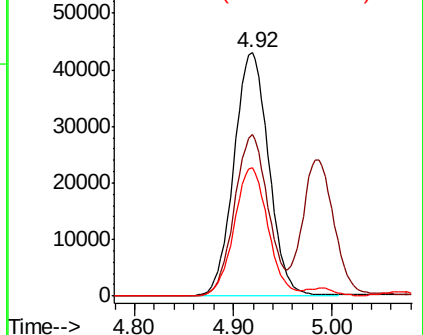


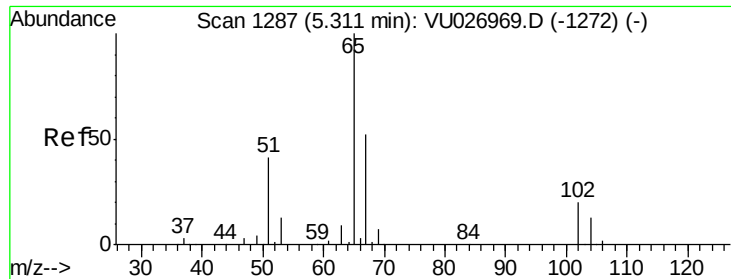
Abundance

Ion 96.90 (96.60 to 97.60): VU0

Ion 98.90 (98.60 to 99.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

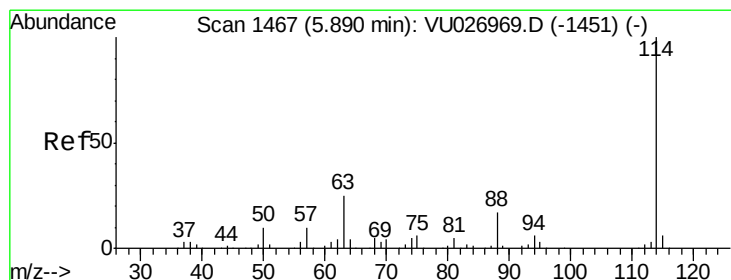
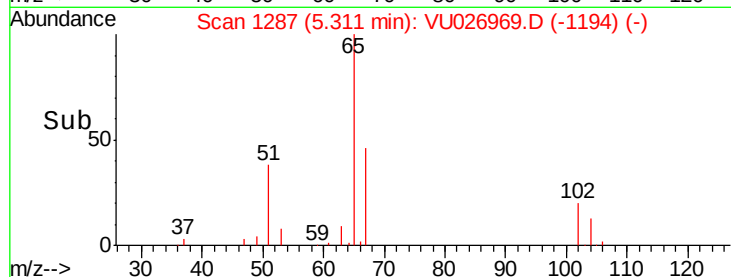
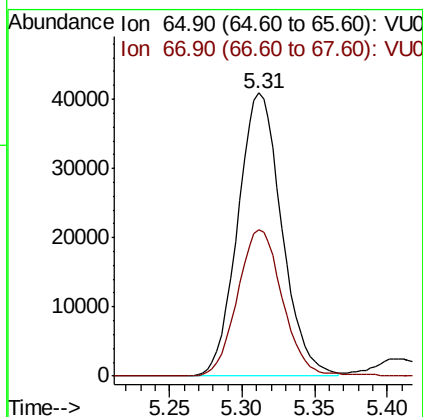
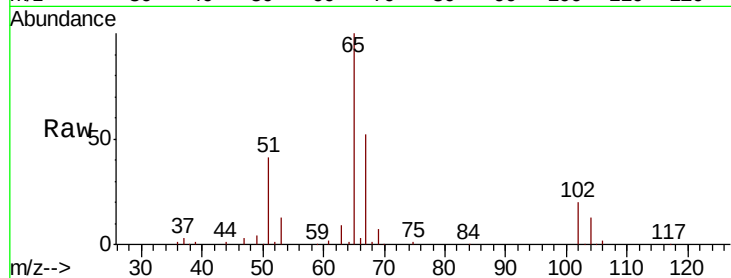




#33
 1,2-Dichloroethane-d4
 Concen: 62.088 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU026969.D
 Acq: 21 Sep 2018 15:38

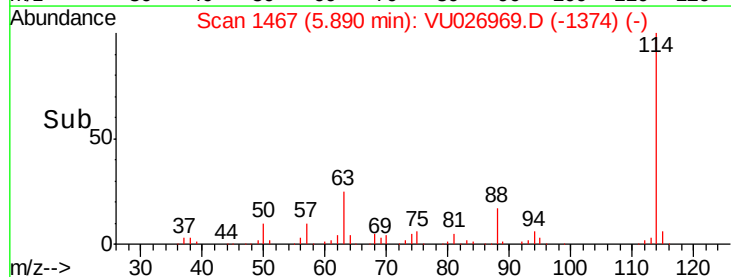
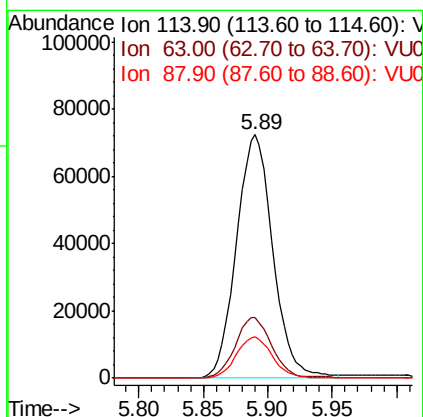
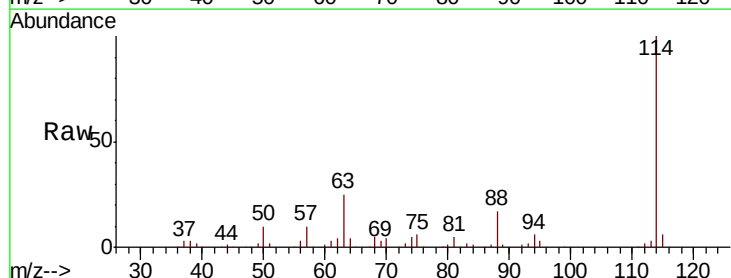
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

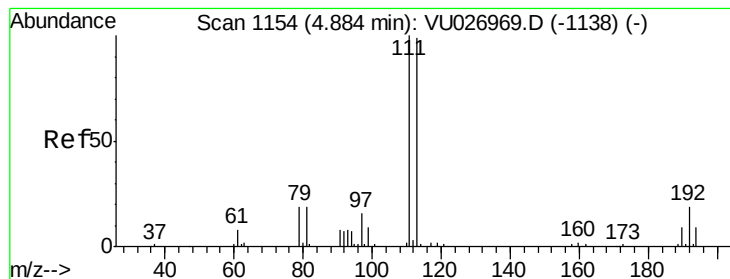
Tgt Ion: 65 Resp: 86160
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU026969.D
 Acq: 21 Sep 2018 15:38

Tgt Ion: 114 Resp: 142460
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 49.2
 88 16.9 0.0 33.8





#35

Dibromofluoromethane

Concen: 52.827 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU026969.D

Acq: 21 Sep 2018 15:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

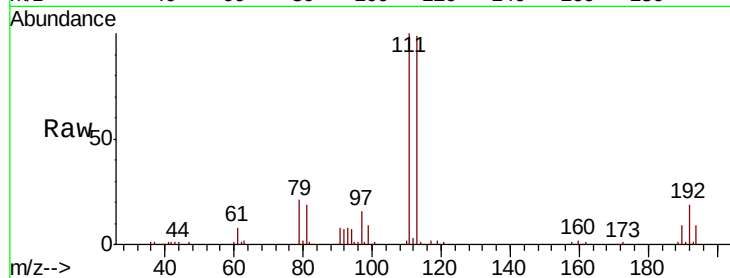
Tgt Ion:113 Resp: 62482

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

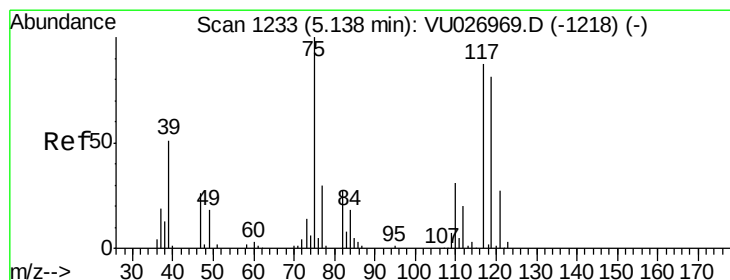
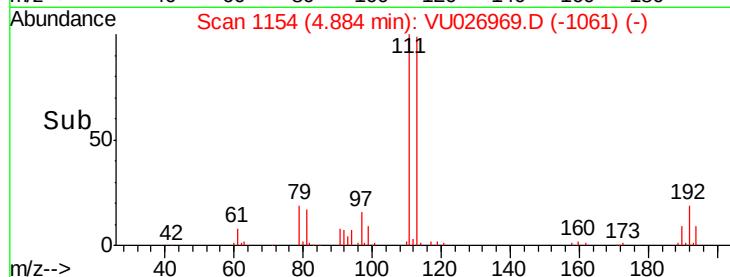
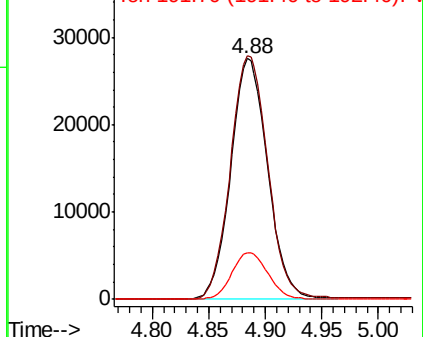
192 19.0 15.2 22.8



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: 58.293 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU026969.D

Acq: 21 Sep 2018 15:38

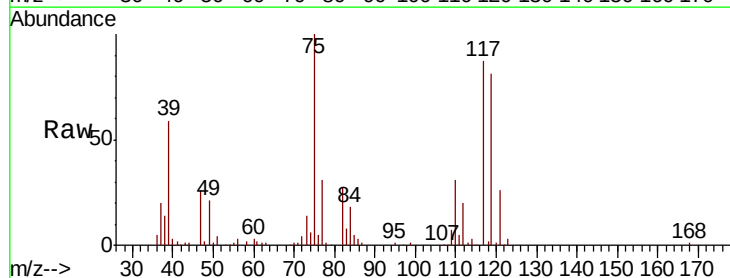
Tgt Ion: 75 Resp: 95893

Ion Ratio Lower Upper

75 100

110 32.1 16.1 48.2

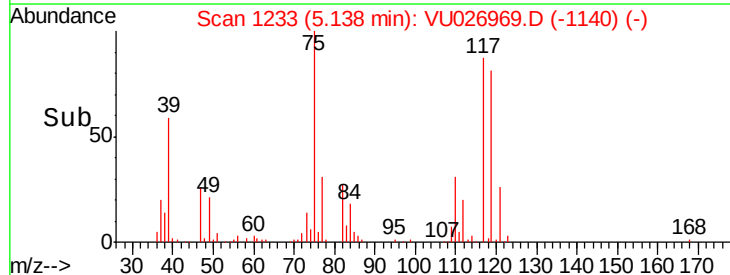
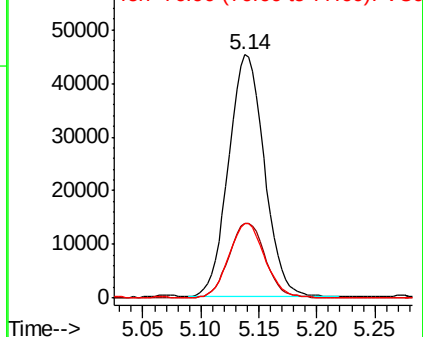
77 30.7 24.6 36.8

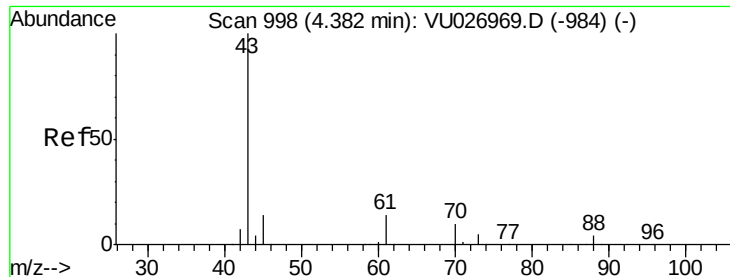


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

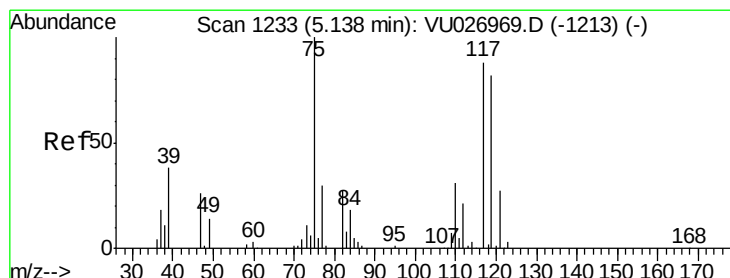
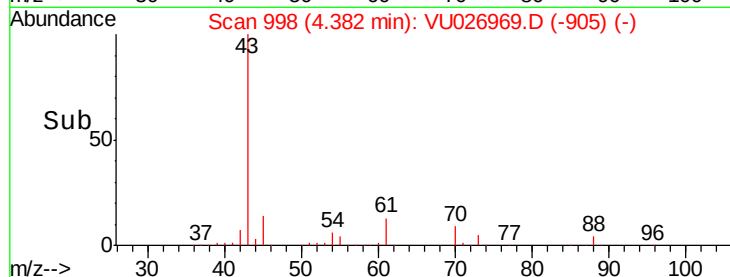
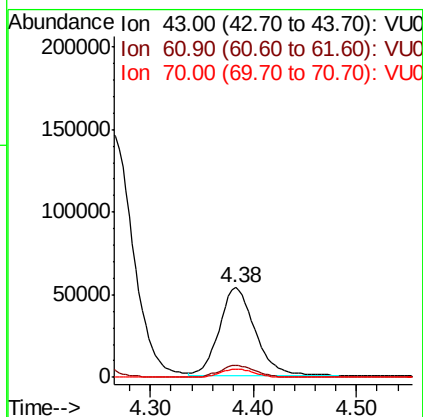
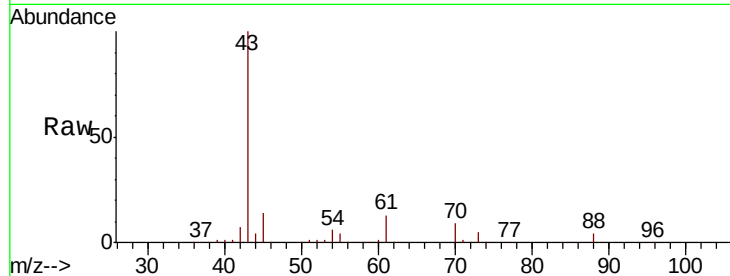




#37
Ethyl Acetate
Concen: 63.736 ug/l
RT: 4.38 min Scan# 998
Delta R.T. 0.00 min
Lab File: VU026969.D
Acq: 21 Sep 2018 15:38

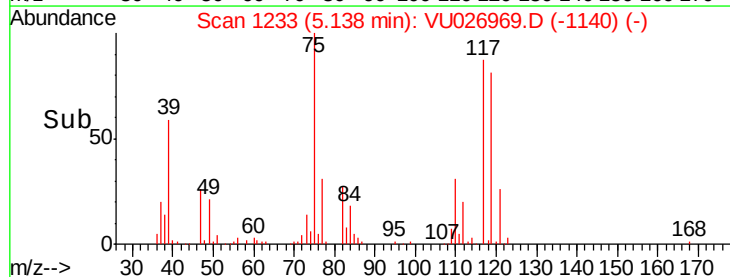
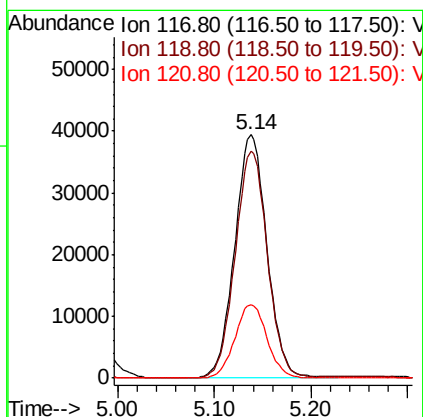
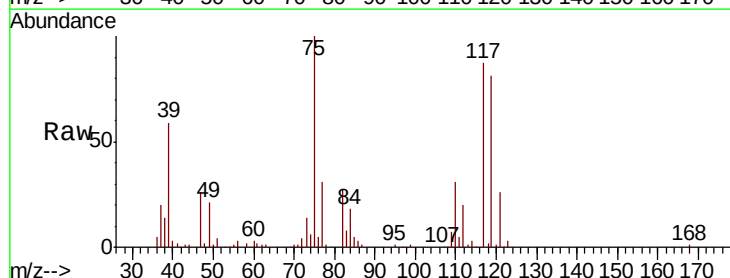
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

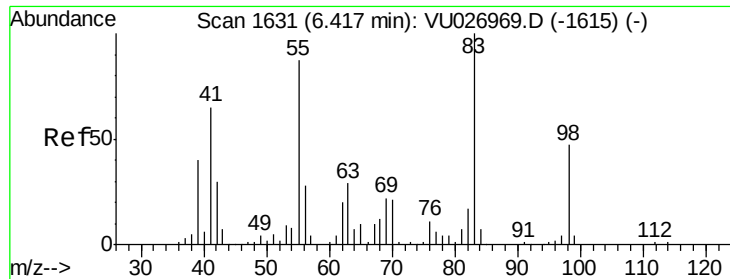
Tgt Ion: 43 Resp: 129488
Ion Ratio Lower Upper
43 100
61 13.1 10.5 15.7
70 9.2 7.4 11.0



#38
Carbon Tetrachloride
Concen: 53.393 ug/l
RT: 5.14 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VU026969.D
Acq: 21 Sep 2018 15:38

Tgt Ion: 117 Resp: 91370
Ion Ratio Lower Upper
117 100
119 93.0 74.4 111.6
121 30.3 24.2 36.4

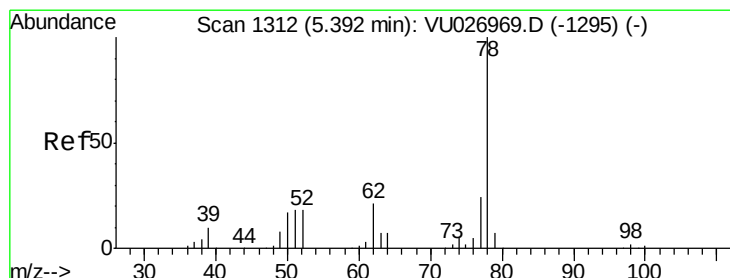
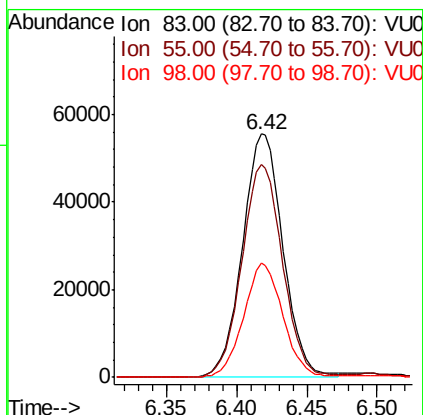
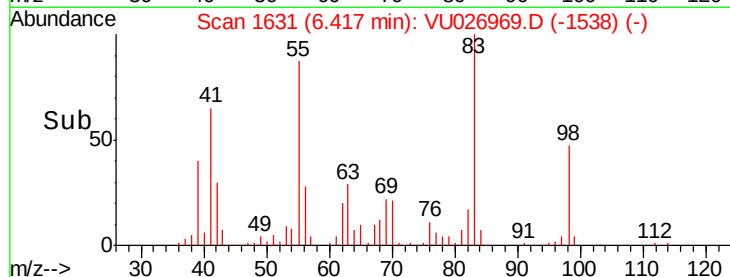
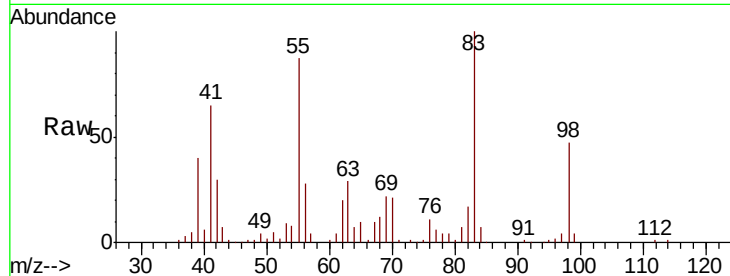




#39
Methylcyclohexane
Concen: 57.618 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU026969.D
Acq: 21 Sep 2018 15:38

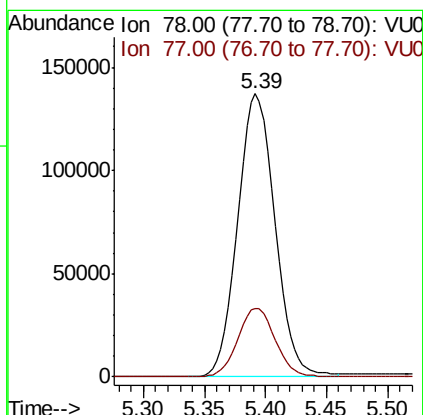
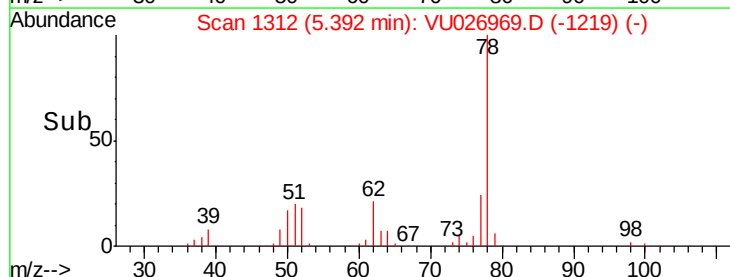
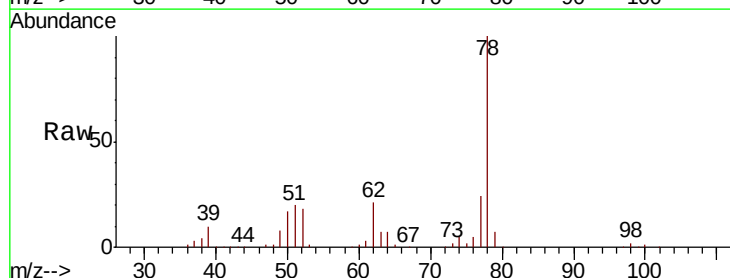
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

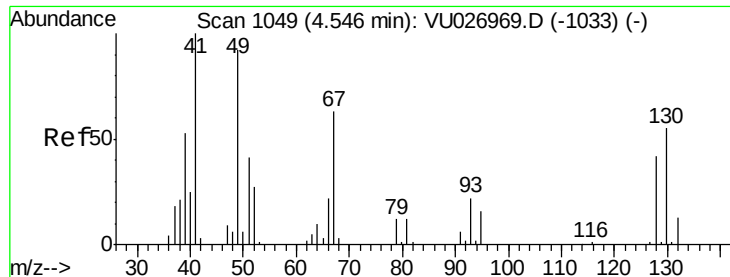
Tgt Ion: 83 Resp: 111639
Ion Ratio Lower Upper
83 100
55 87.4 69.9 104.9
98 46.9 37.5 56.3



#40
Benzene
Concen: 57.204 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU026969.D
Acq: 21 Sep 2018 15:38

Tgt Ion: 78 Resp: 291055
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0

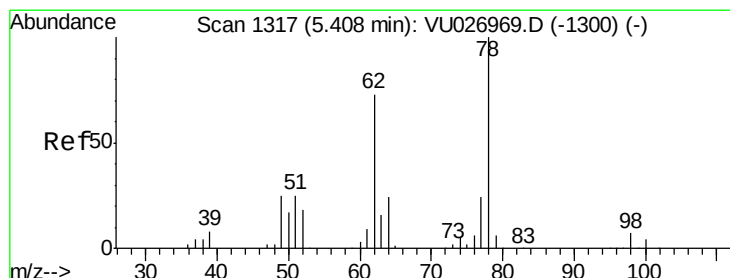
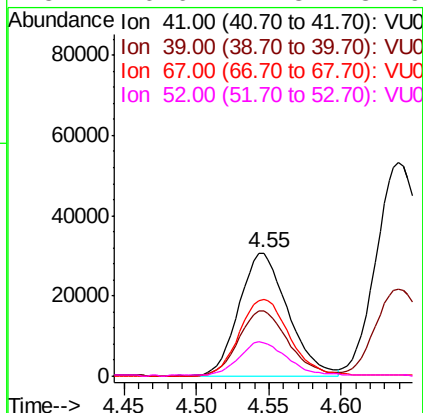
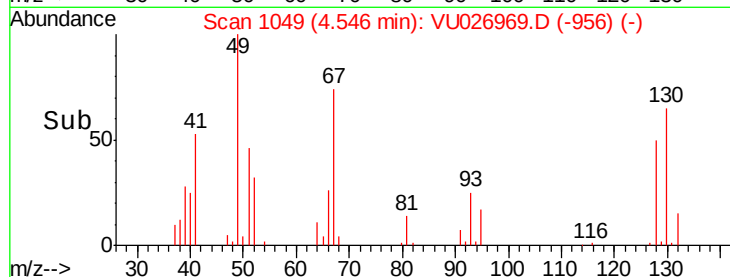
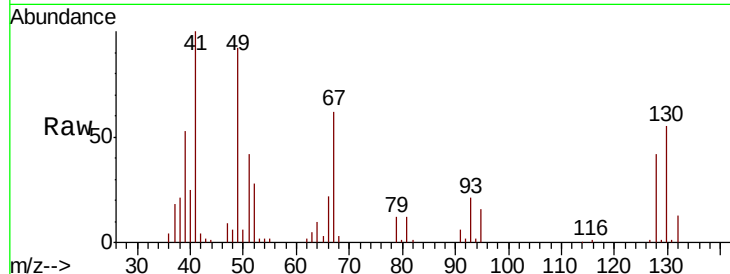




#41
Methacrylonitrile
Concen: 67.586 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU026969.D
Acq: 21 Sep 2018 15:38

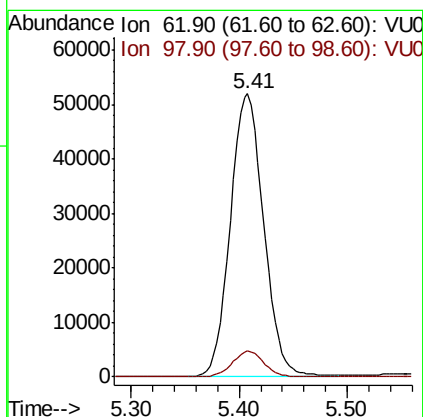
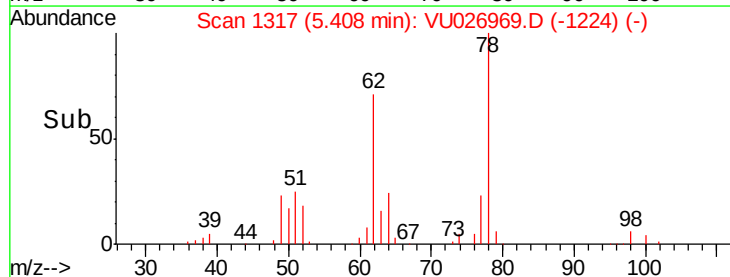
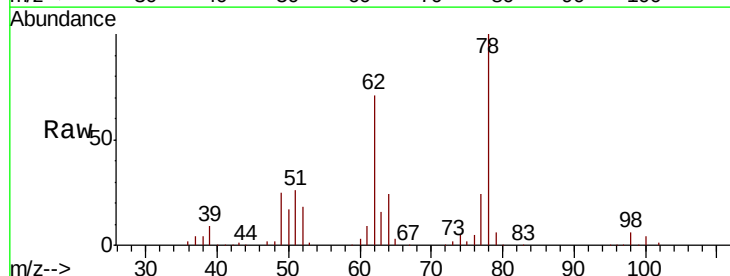
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

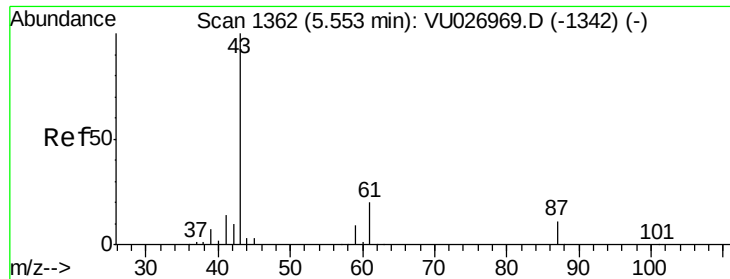
Tgt Ion:	41	Resp:	71555
Ion	Ratio	Lower	Upper
41	100		
39	53.6	42.9	64.3
67	65.5	52.4	78.6
52	26.6	21.3	31.9



#42
1,2-Dichloroethane
Concen: 60.619 ug/l
RT: 5.41 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VU026969.D
Acq: 21 Sep 2018 15:38

Tgt Ion:	62	Resp:	111808
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0





#43

Isopropyl Acetate

Concen: 63.761 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU026969.D

Acq: 21 Sep 2018 15:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

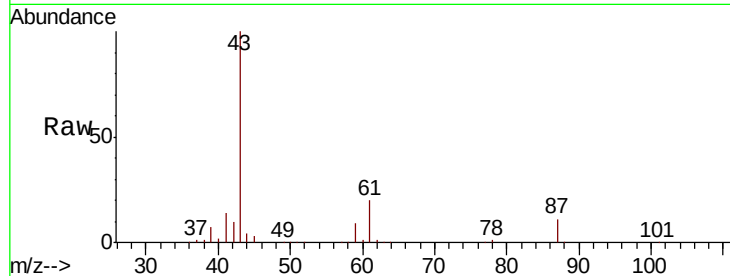
Tgt Ion: 43 Resp: 195700

Ion Ratio Lower Upper

43 100

61 19.6 15.7 23.5

87 11.2 9.0 13.4

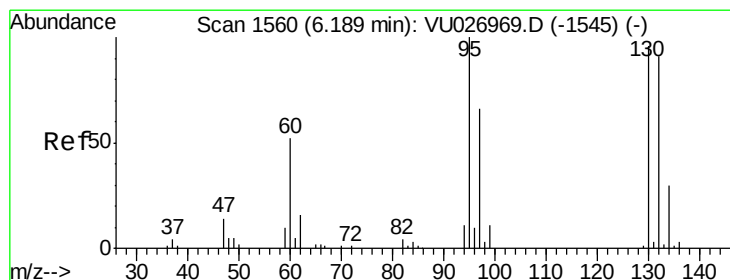
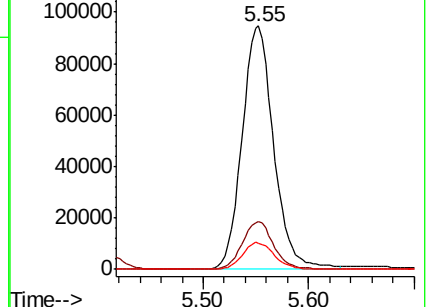
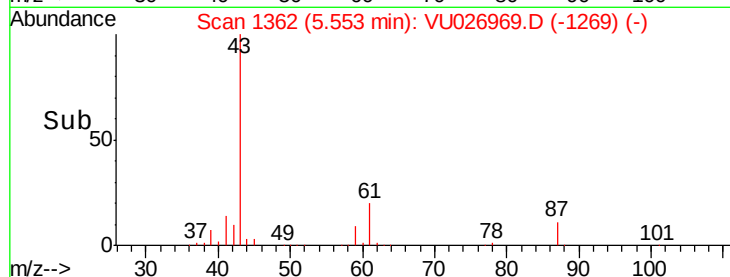


Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1342) (-)

Ion 61.00 (60.70 to 61.70): VU026969.D (-1342) (-)

Ion 87.00 (86.70 to 87.70): VU026969.D (-1342) (-)

Time-->



#44

Trichloroethene

Concen: 50.792 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU026969.D

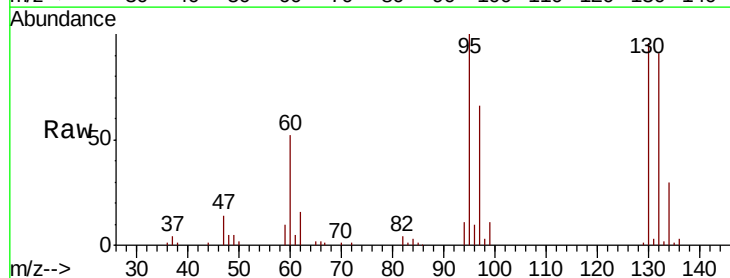
Acq: 21 Sep 2018 15:38

Tgt Ion: 130 Resp: 62480

Ion Ratio Lower Upper

130 100

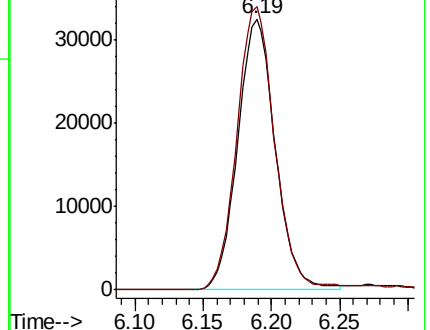
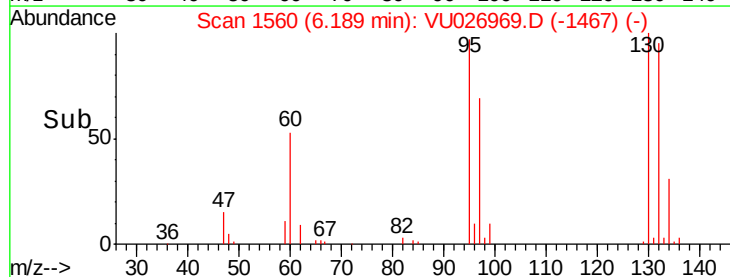
95 104.4 0.0 208.8

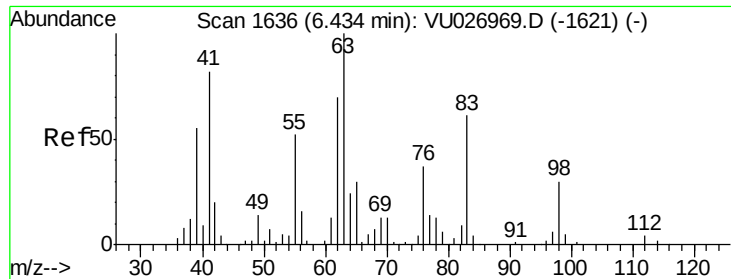


Abundance Ion 129.80 (129.50 to 130.50): VU026969.D (-1545) (-)

Ion 94.90 (94.60 to 95.60): VU026969.D (-1545) (-)

Time-->

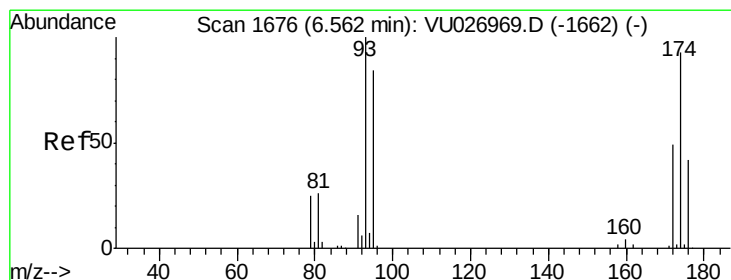
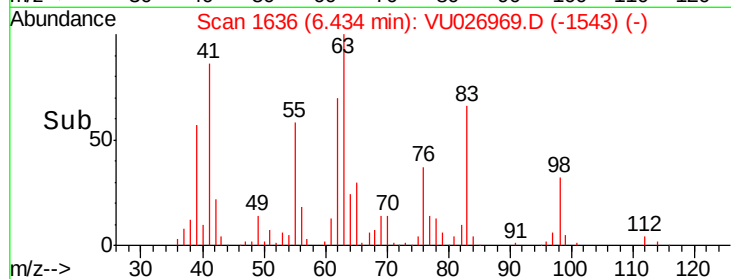
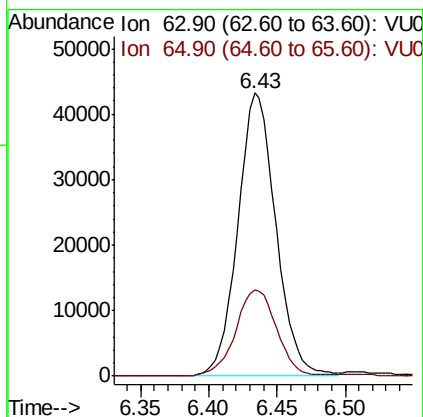
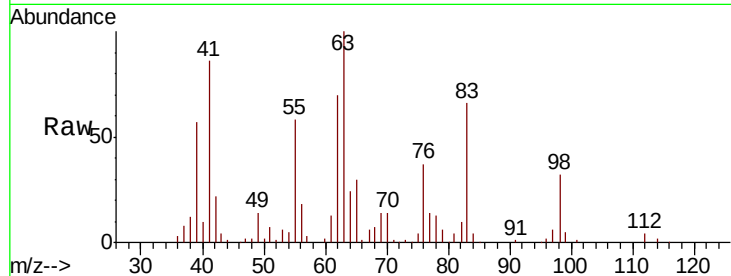




#45
 1,2-Dichloropropane
 Concen: 59.984 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU026969.D
 Acq: 21 Sep 2018 15:38

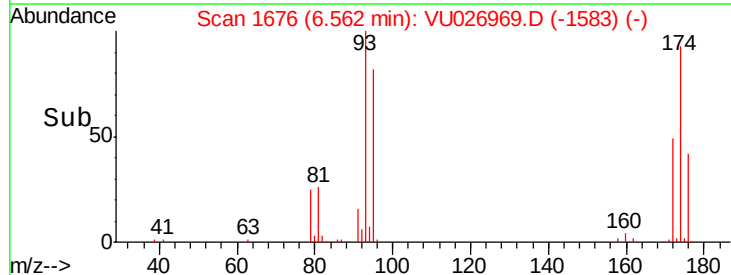
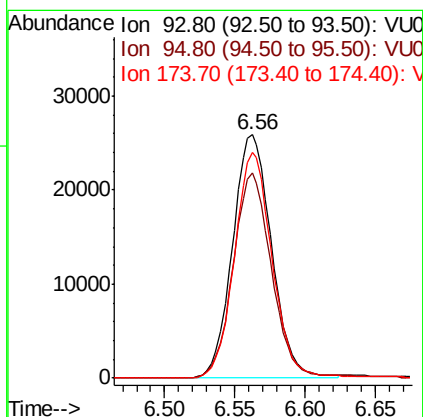
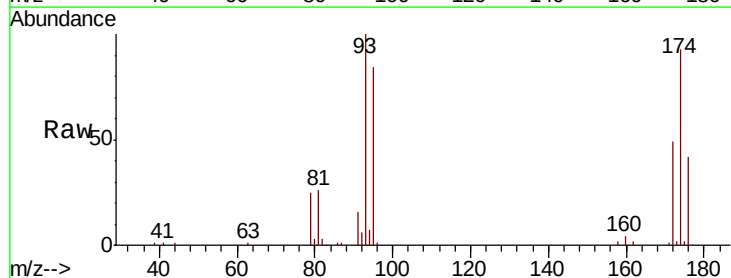
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

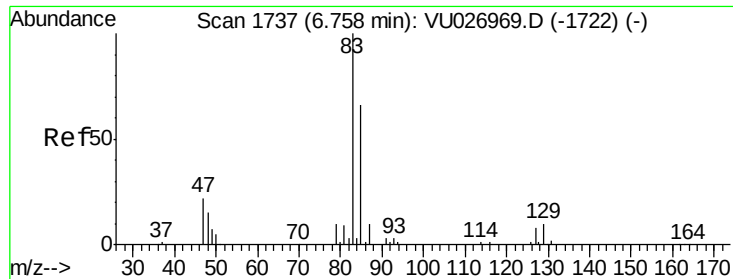
Tgt Ion: 63 Resp: 83735
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.3 36.5



#46
 Dibromomethane
 Concen: 56.596 ug/l
 RT: 6.56 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: VU026969.D
 Acq: 21 Sep 2018 15:38

Tgt Ion: 93 Resp: 50138
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.2 99.4
 174 89.6 71.7 107.5

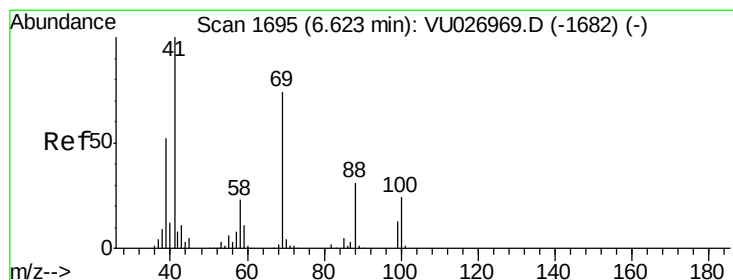
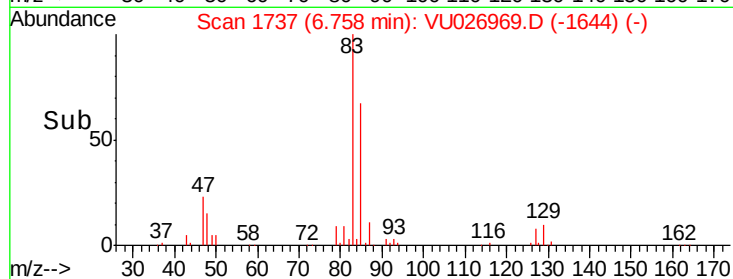
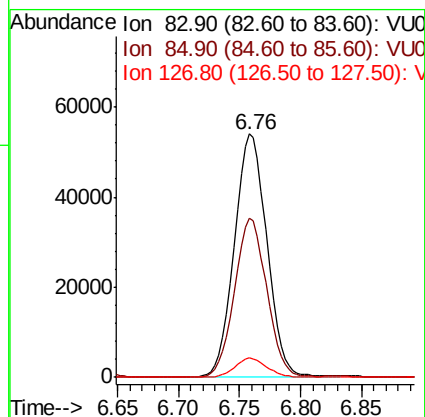
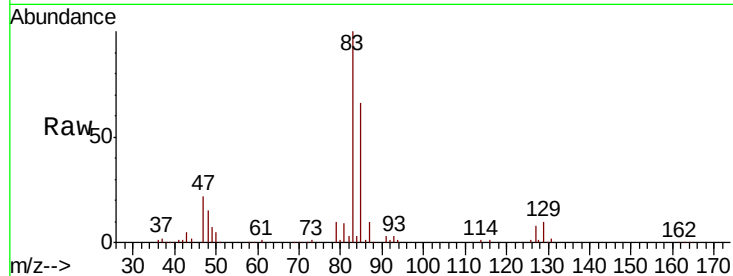




#47
Bromodichloromethane
Concen: 57.190 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VU026969.D
Acq: 21 Sep 2018 15:38

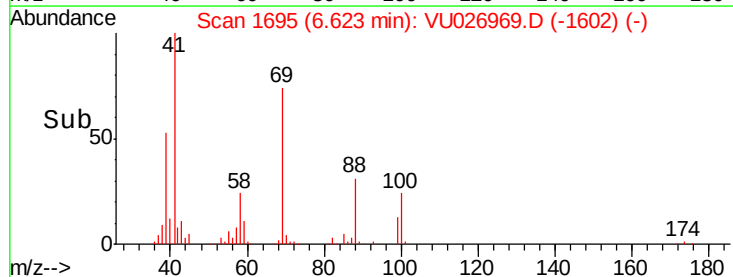
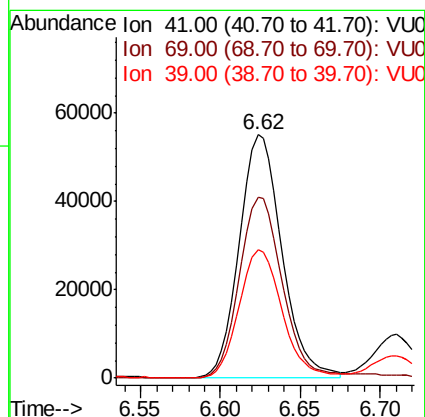
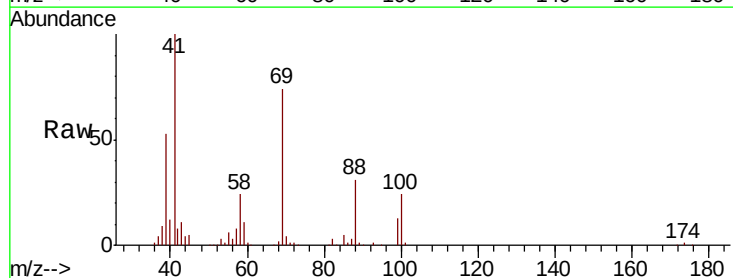
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

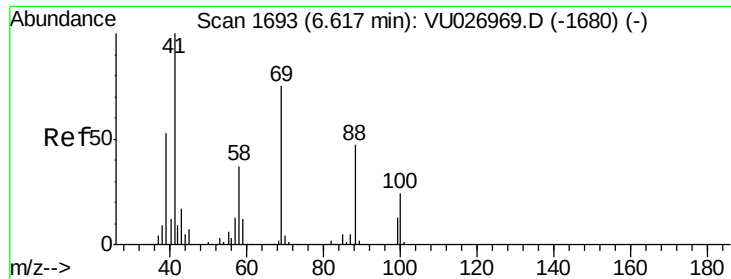
Tgt Ion: 83 Resp: 100343
Ion Ratio Lower Upper
83 100
85 65.6 52.5 78.7
127 7.9 6.3 9.5



#48
Methyl methacrylate
Concen: 66.067 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU026969.D
Acq: 21 Sep 2018 15:38

Tgt Ion: 41 Resp: 100478
Ion Ratio Lower Upper
41 100
69 75.7 60.6 90.8
39 53.5 42.8 64.2

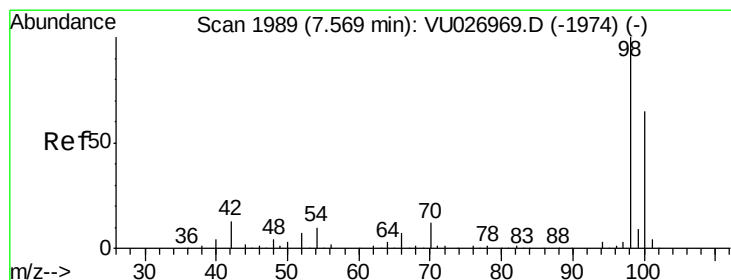
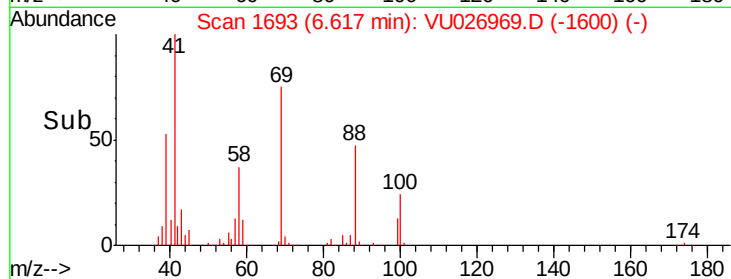
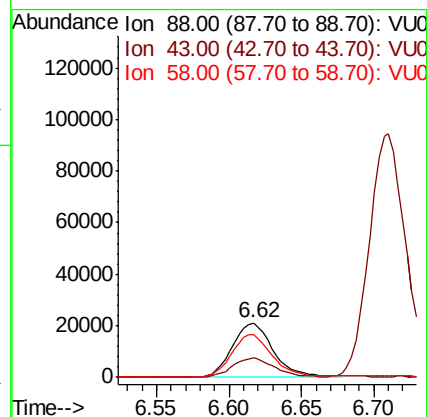
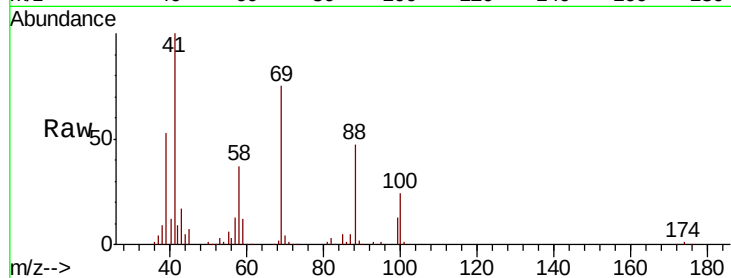




#49
1,4-Dioxane
Concen: 1192.023 ug/l
RT: 6.62 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VU026969.D
Acq: 21 Sep 2018 15:38

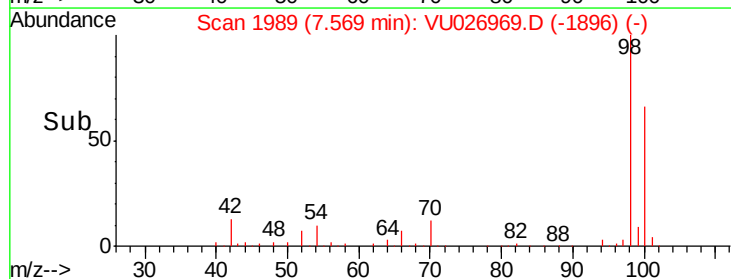
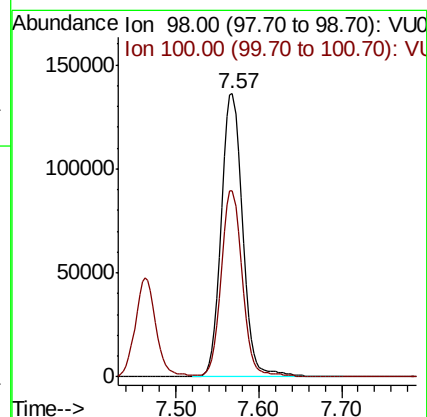
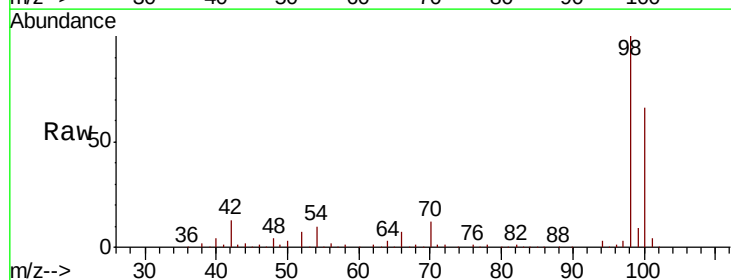
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

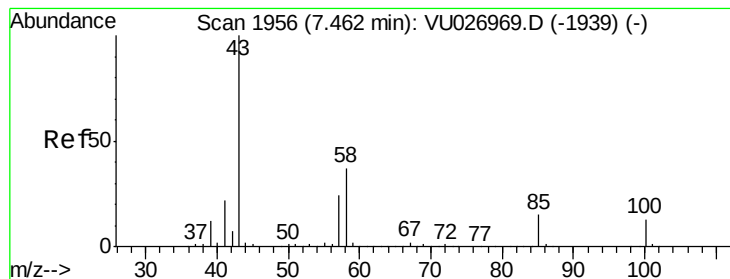
Tgt Ion: 88 Resp: 40737
Ion Ratio Lower Upper
88 100
43 37.3 29.8 44.8
58 79.9 63.9 95.9



#50
Toluene-d8
Concen: 55.183 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU026969.D
Acq: 21 Sep 2018 15:38

Tgt Ion: 98 Resp: 243494
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 326.260 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU026969.D

Acq: 21 Sep 2018 15:38

Instrument :

MSVOA_U

ClientSampleId :

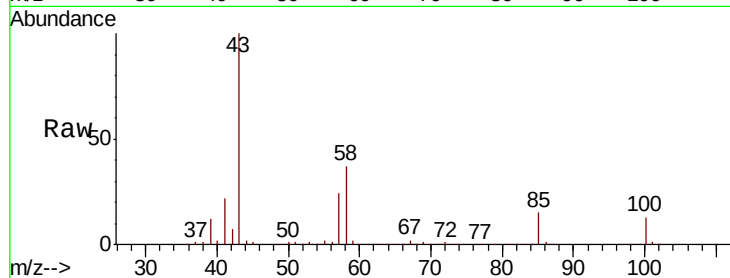
VSTDICCC050

Tgt Ion: 43 Resp: 675472

Ion Ratio Lower Upper

43 100

58 37.2 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

7.46

400000

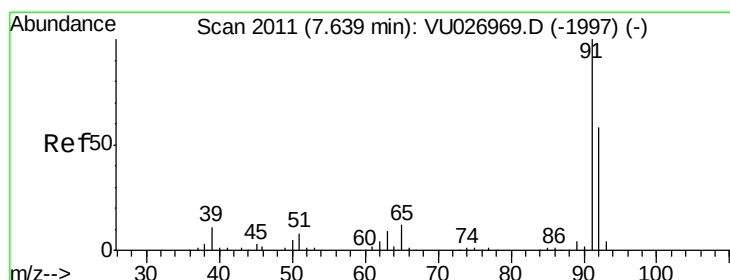
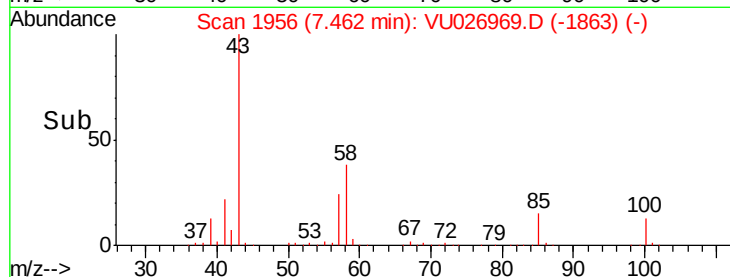
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 58.982 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU026969.D

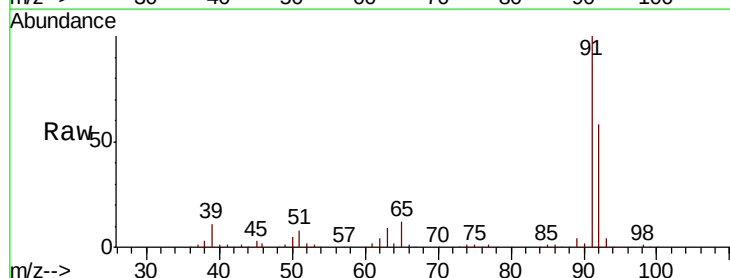
Acq: 21 Sep 2018 15:38

Tgt Ion: 92 Resp: 179309

Ion Ratio Lower Upper

92 100

91 170.5 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

200000

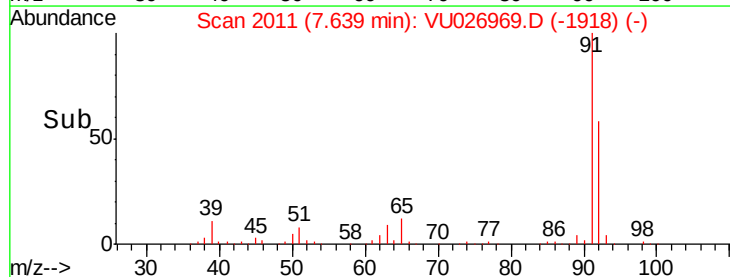
150000

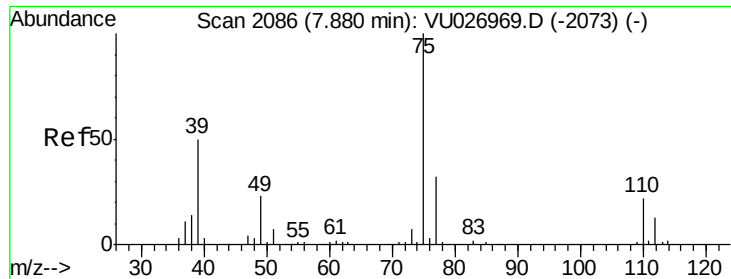
100000

50000

0

Time-->

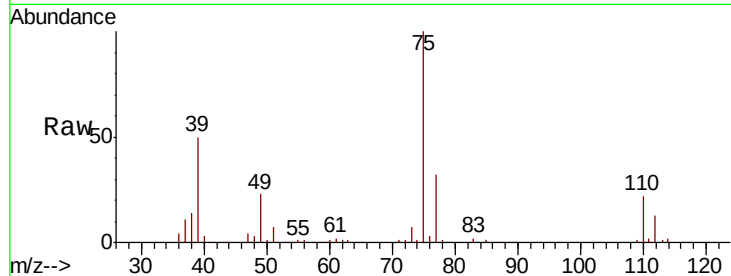




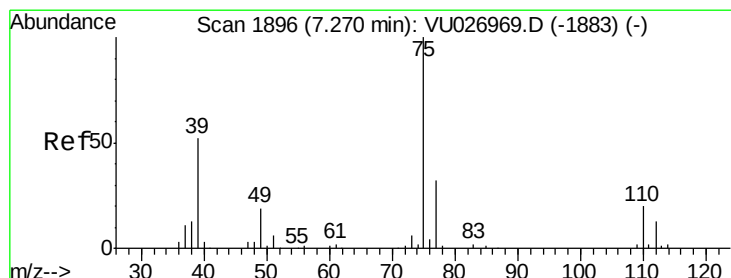
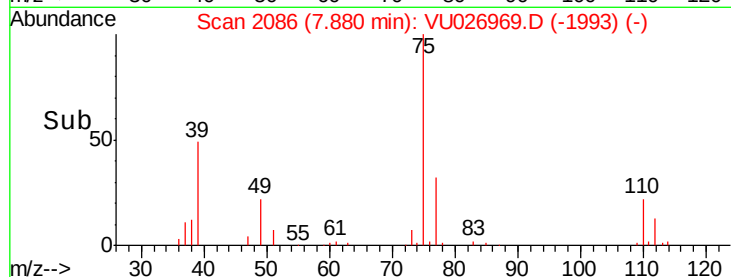
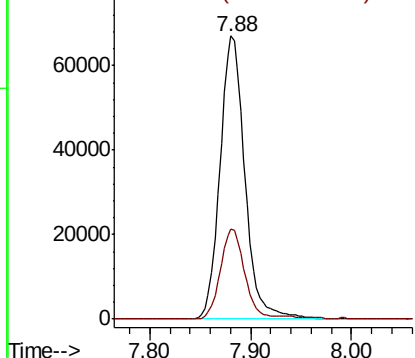
#53
t-1,3-Dichloropropene
Concen: 59.148 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU026969.D
Acq: 21 Sep 2018 15:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 115719
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9

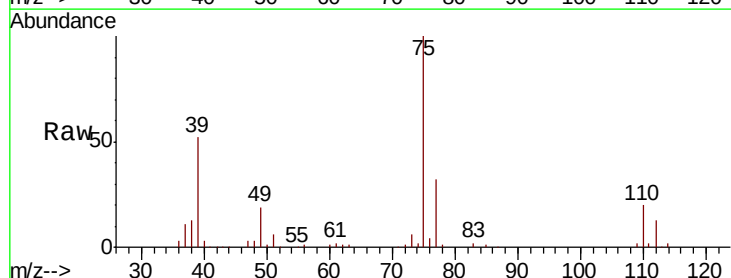


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 76.90 (76.60 to 77.60): VU0

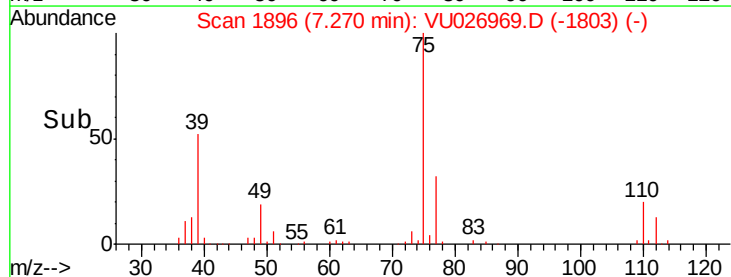
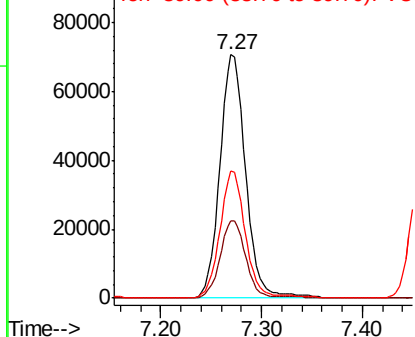


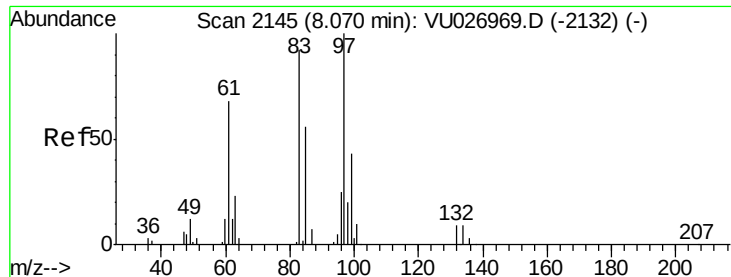
#54
cis-1,3-Dichloropropene
Concen: 59.896 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU026969.D
Acq: 21 Sep 2018 15:38

Tgt Ion: 75 Resp: 126339
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
39 52.0 41.6 62.4



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 76.90 (76.60 to 77.60): VU0
Ion 39.00 (38.70 to 39.70): VU0

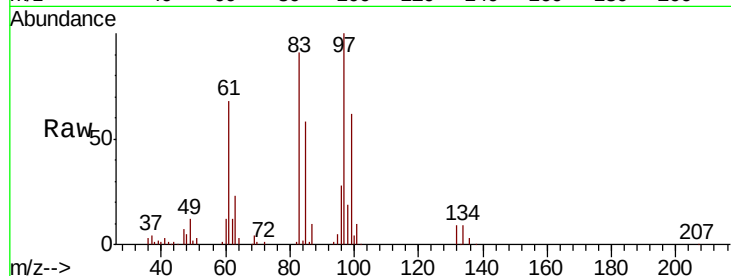




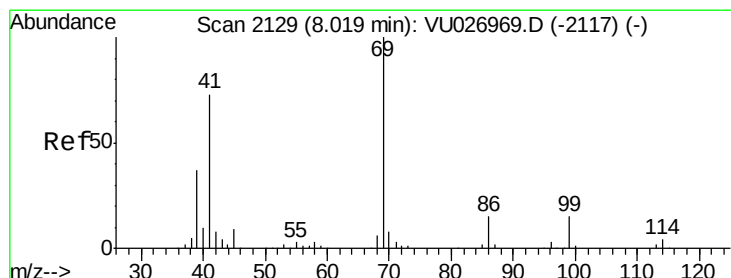
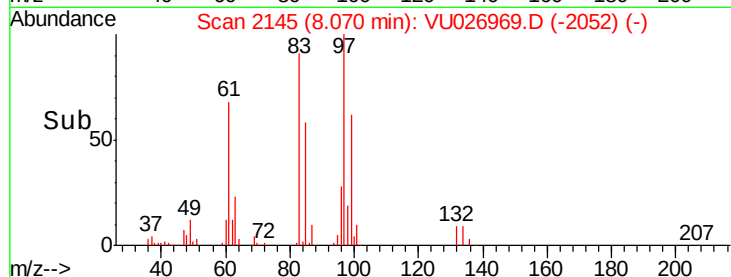
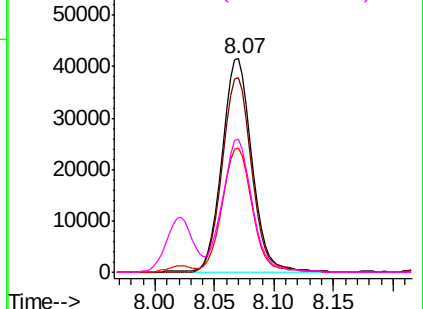
#55
 1,1,2-Trichloroethane
 Concen: 56.027 ug/l
 RT: 8.07 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: VU026969.D
 Acq: 21 Sep 2018 15:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Tgt Ion:	97	Resp:	72448
Ion	Ratio	Lower	Upper
97	100		
83	91.4	73.1	109.7
85	58.4	46.7	70.1
99	62.5	50.0	75.0

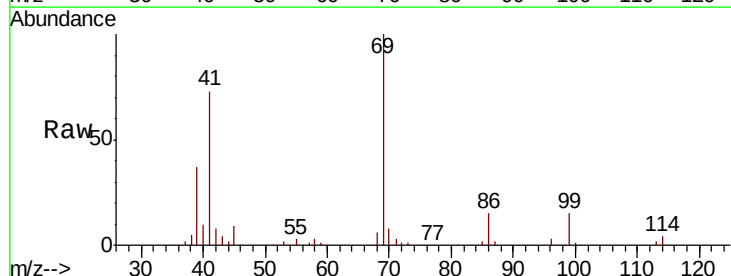


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

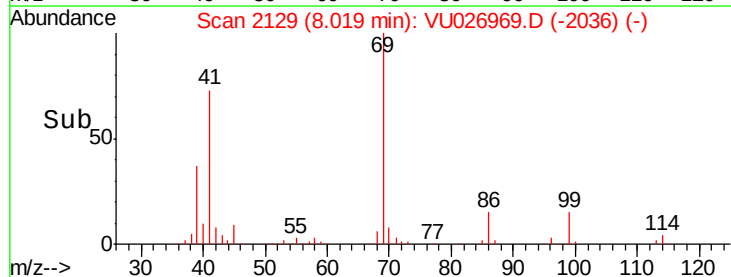
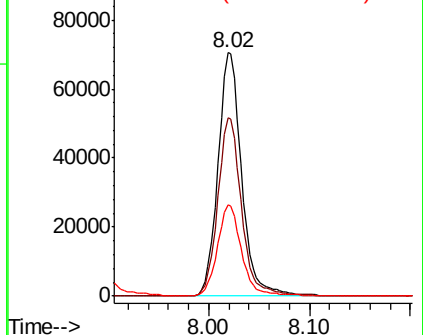


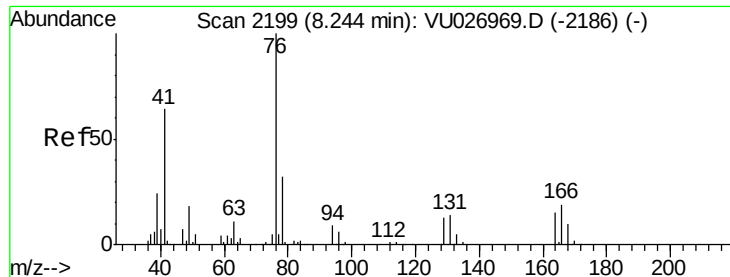
#56
 Ethyl methacrylate
 Concen: 60.800 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU026969.D
 Acq: 21 Sep 2018 15:38

Tgt Ion:	69	Resp:	115844
Ion	Ratio	Lower	Upper
69	100		
41	73.7	59.0	88.4
39	37.8	30.2	45.4



Abundance Ion 69.00 (68.70 to 69.70): VU0
 Ion 41.00 (40.70 to 41.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0





#57

1,3-Dichloropropane

Concen: 60.700 ug/l

RT: 8.24 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VU026969.D

Acq: 21 Sep 2018 15:38

Instrument :

MSVOA_U

ClientSampleId :

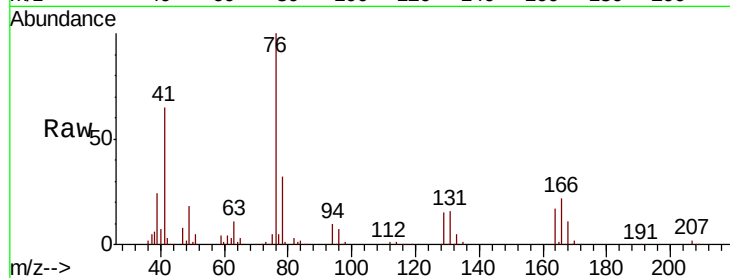
VSTDICCC050

Tgt Ion: 76 Resp: 136188

Ion Ratio Lower Upper

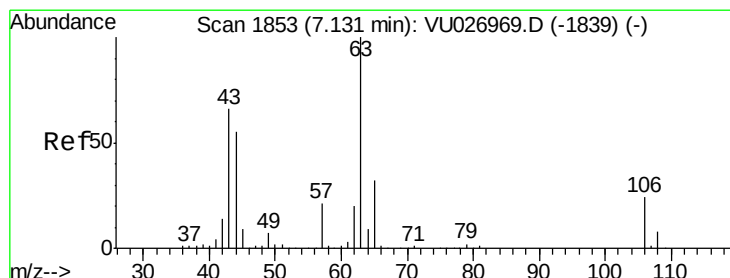
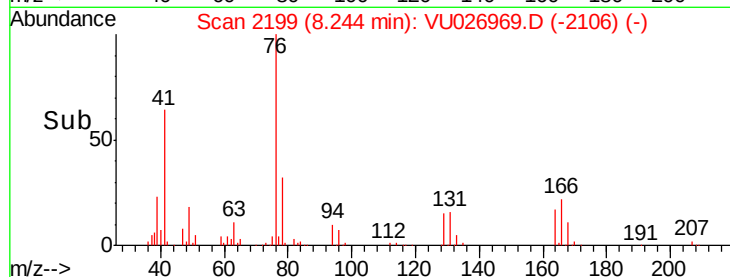
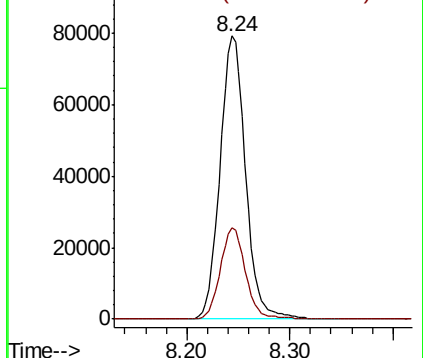
76 100

78 31.9 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 352.934 ug/l

RT: 7.13 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VU026969.D

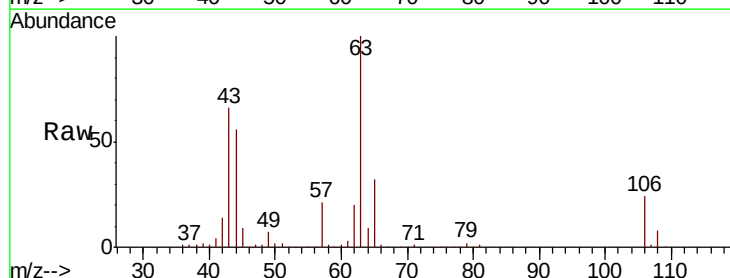
Acq: 21 Sep 2018 15:38

Tgt Ion: 63 Resp: 344665

Ion Ratio Lower Upper

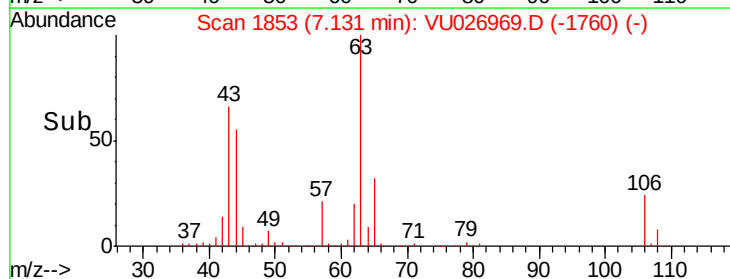
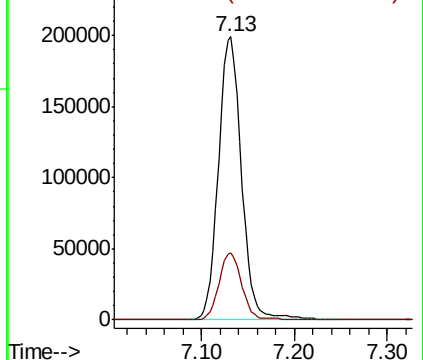
63 100

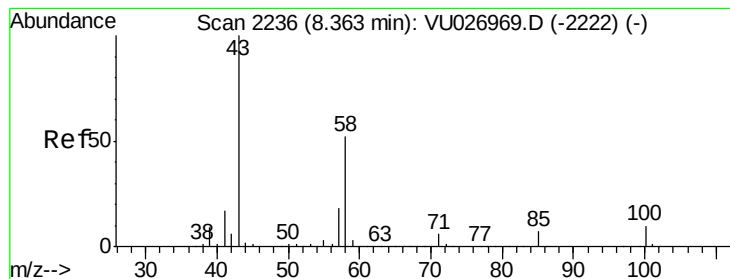
106 23.4 18.7 28.1



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 321.388 ug/l

RT: 8.36 min Scan# 2236

Delta R.T. 0.00 min

Lab File: VU026969.D

Acq: 21 Sep 2018 15:38

Instrument :

MSVOA_U

ClientSampleId :

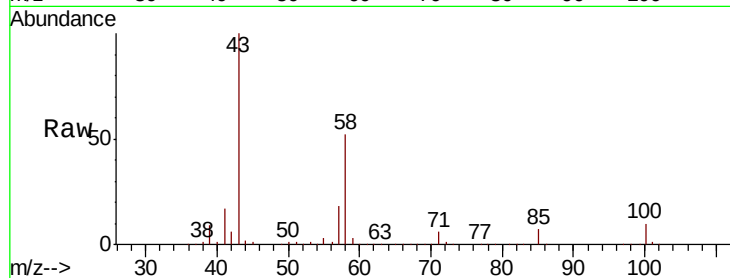
VSTDICCC050

Tgt Ion: 43 Resp: 520758

Ion Ratio Lower Upper

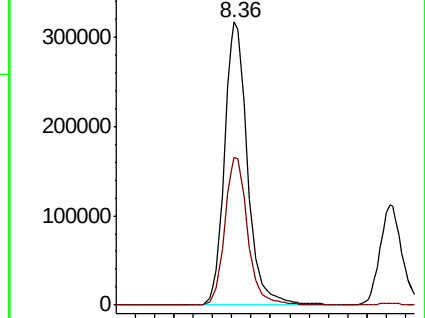
43 100

58 52.1 26.1 78.2

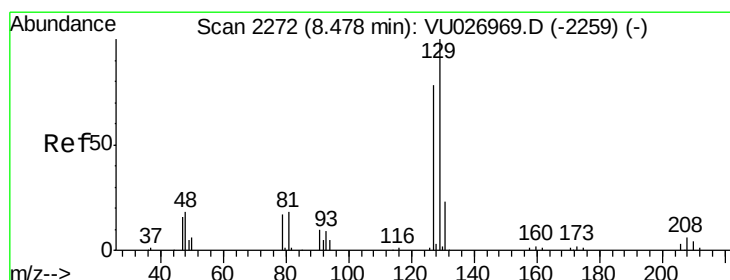
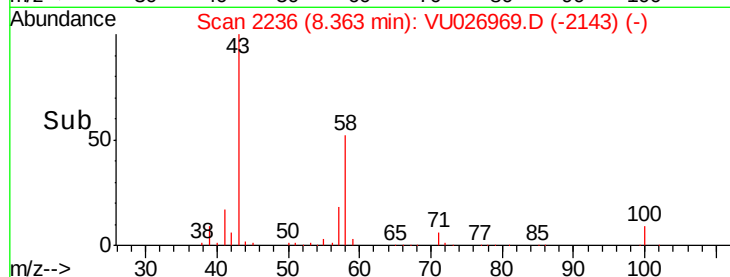


Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-2222) (-)

Ion 58.00 (57.70 to 58.70): VU026969.D (-2222) (-)



Time-->



#60

Dibromochloromethane

Concen: 51.838 ug/l

RT: 8.48 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VU026969.D

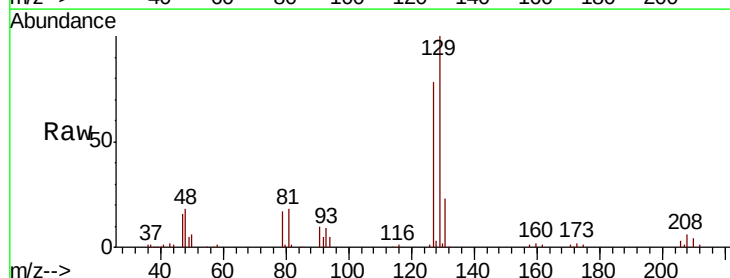
Acq: 21 Sep 2018 15:38

Tgt Ion: 129 Resp: 71084

Ion Ratio Lower Upper

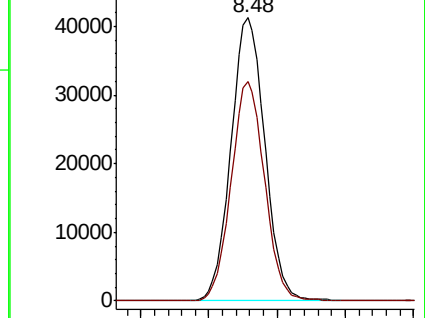
129 100

127 76.3 38.1 114.5

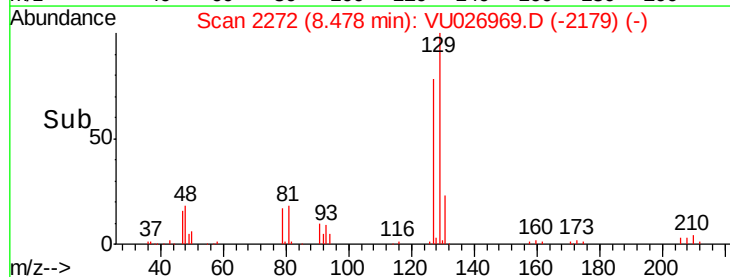


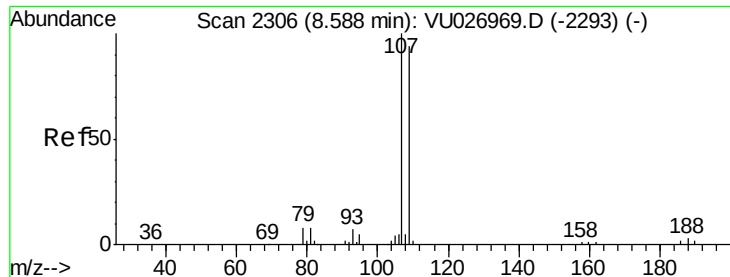
Abundance Ion 128.80 (128.50 to 129.50): VU026969.D (-2259) (-)

Ion 126.80 (126.50 to 127.50): VU026969.D (-2259) (-)



Time-->





#61

1,2-Dibromoethane

Concen: 54.024 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU026969.D

Acq: 21 Sep 2018 15:38

Instrument :

MSVOA_U

ClientSampleId :

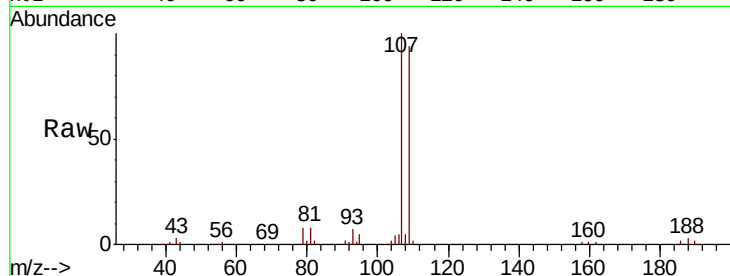
VSTDICCC050

Tgt Ion: 107 Resp: 75485

Ion Ratio Lower Upper

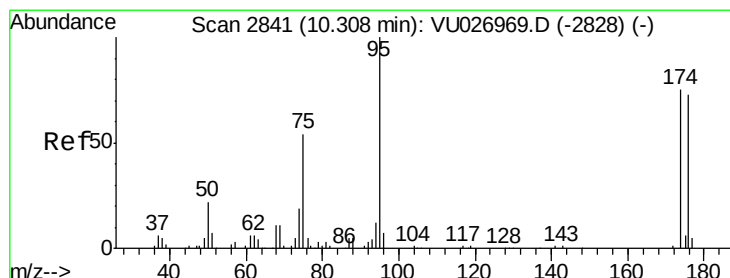
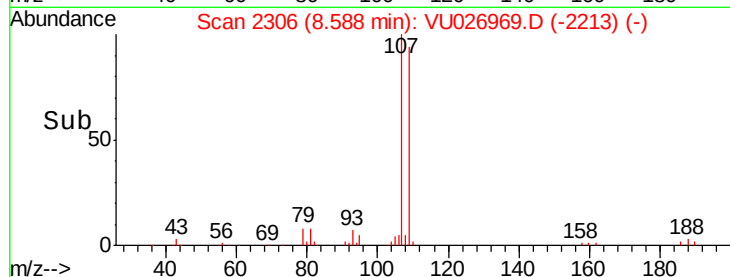
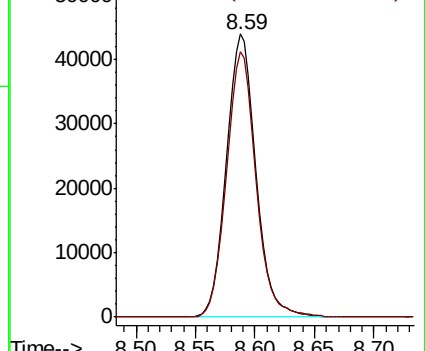
107 100

109 93.8 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.794 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU026969.D

Acq: 21 Sep 2018 15:38

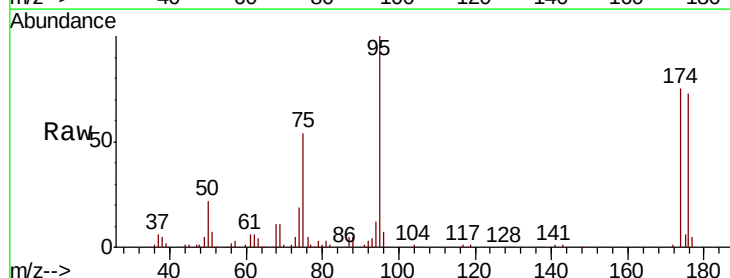
Tgt Ion: 95 Resp: 83533

Ion Ratio Lower Upper

95 100

174 75.1 0.0 150.2

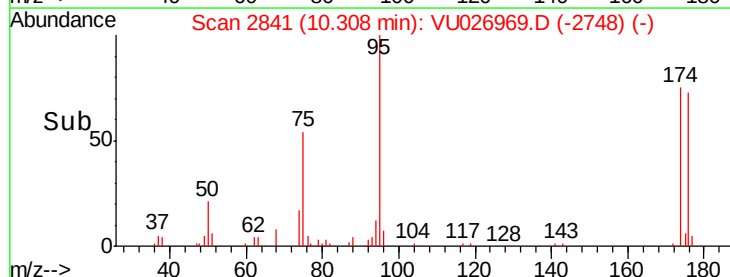
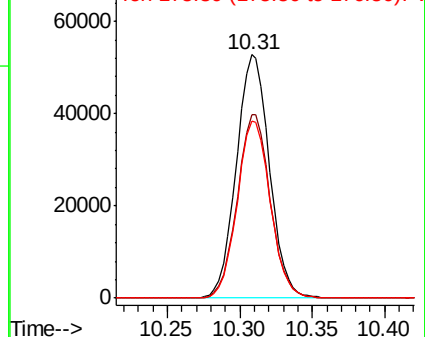
176 72.6 0.0 145.2

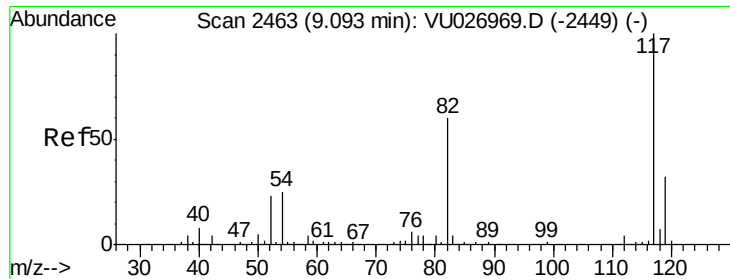


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

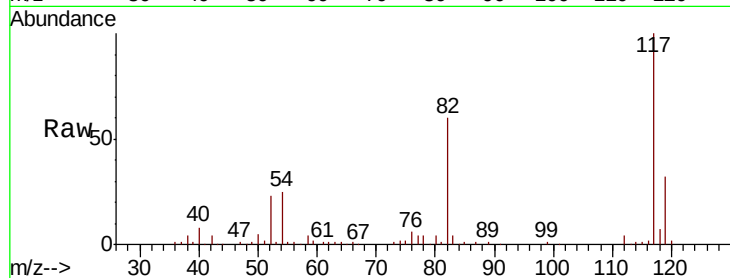




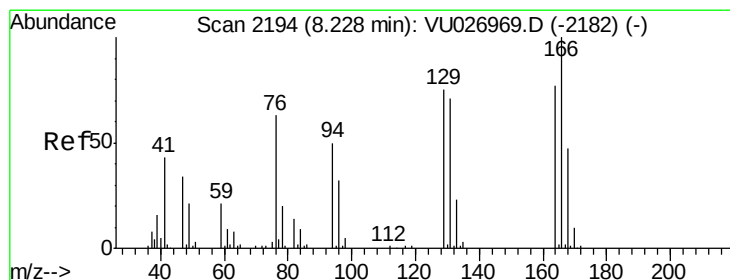
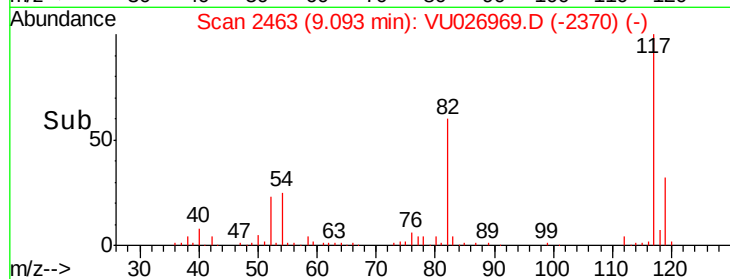
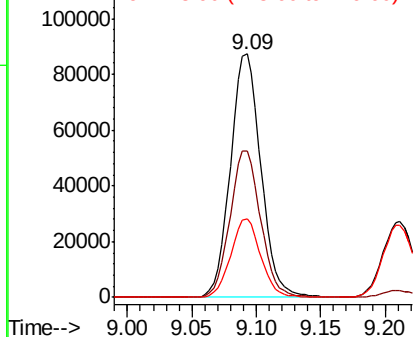
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU026969.D
Acq: 21 Sep 2018 15:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 143267
Ion Ratio Lower Upper
117 100
82 60.0 48.0 72.0
119 32.3 25.8 38.8

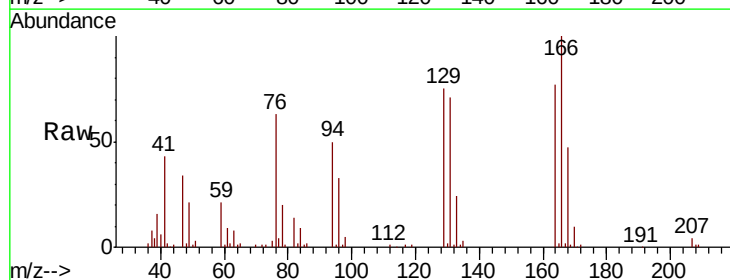


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

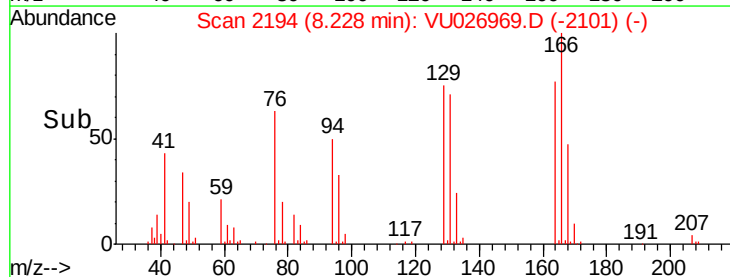
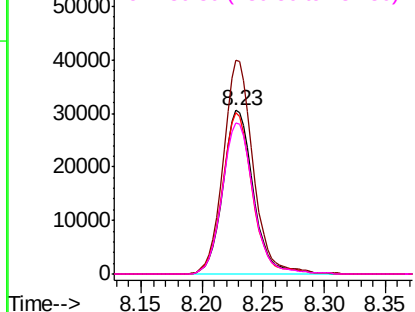


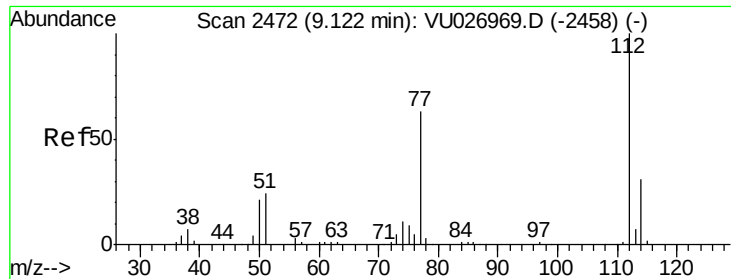
#64
Tetrachloroethene
Concen: 47.440 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU026969.D
Acq: 21 Sep 2018 15:38

Tgt Ion:164 Resp: 53432
Ion Ratio Lower Upper
164 100
166 130.5 104.4 156.6
129 98.4 78.7 118.1
131 92.4 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

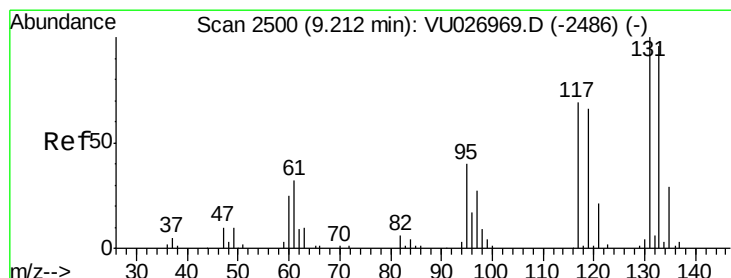
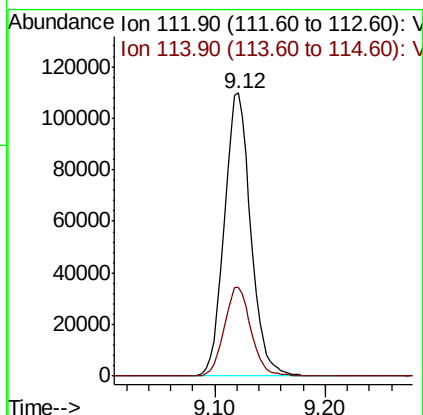
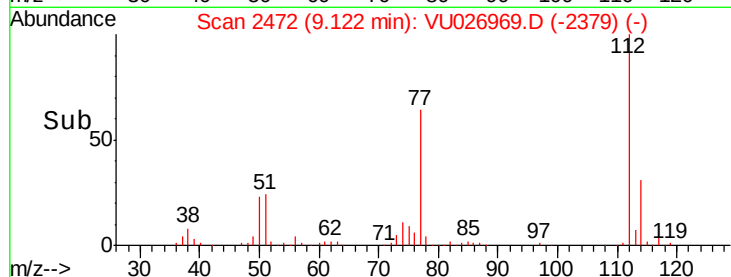
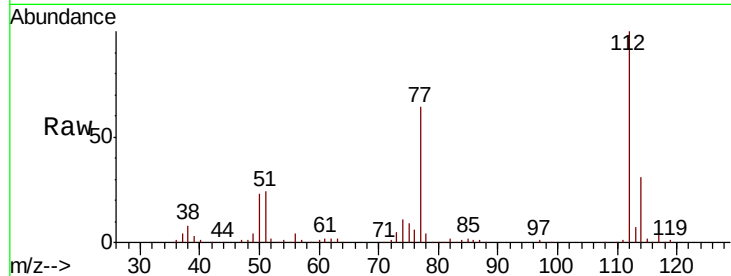




#65
Chlorobenzene
Concen: 51.172 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU026969.D
Acq: 21 Sep 2018 15:38

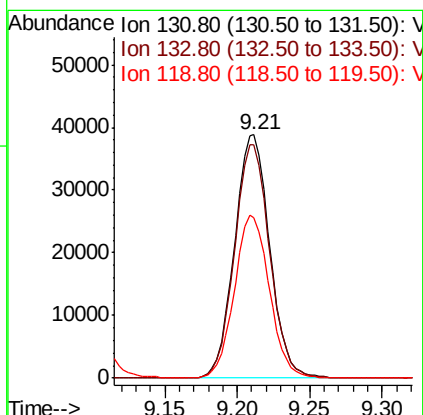
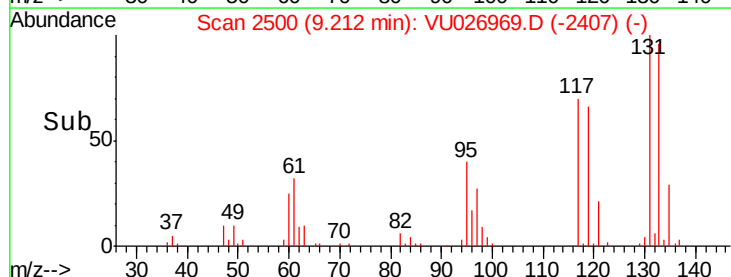
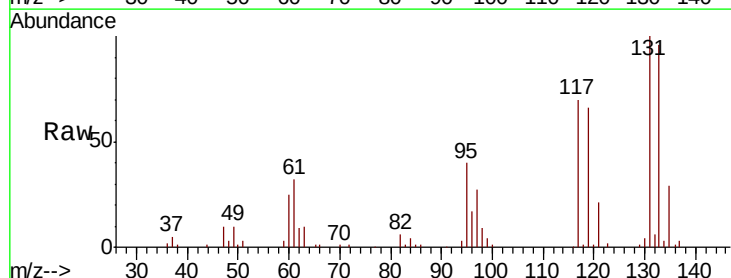
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

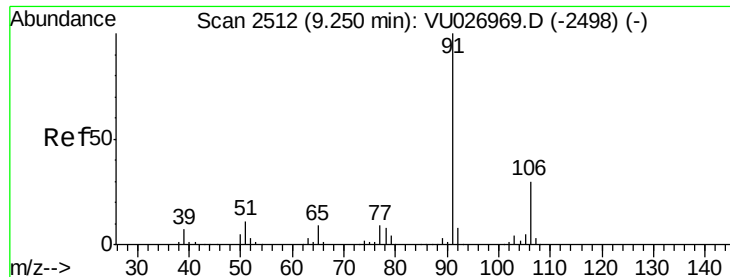
Tgt Ion:112 Resp: 182386
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.043 ug/l
RT: 9.21 min Scan# 2500
Delta R.T. 0.00 min
Lab File: VU026969.D
Acq: 21 Sep 2018 15:38

Tgt Ion:131 Resp: 65348
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.2
119 66.7 33.4 100.1

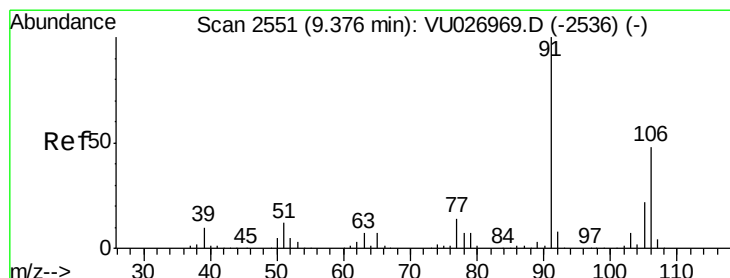
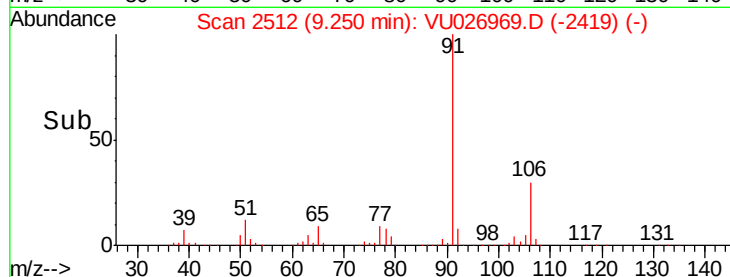
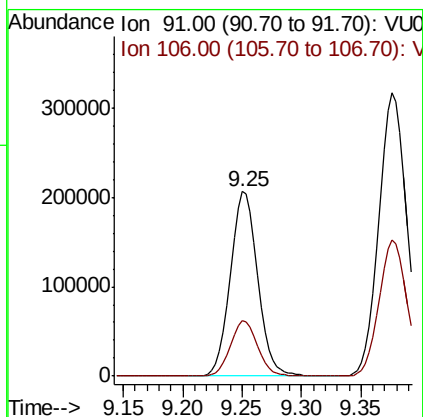
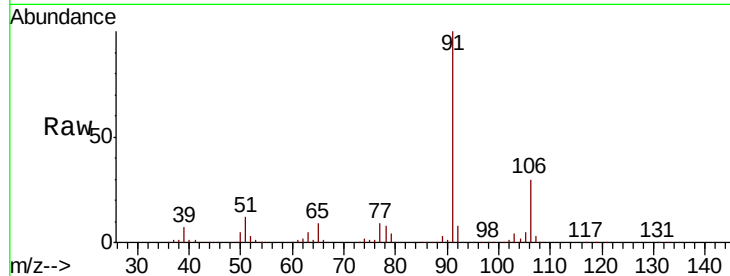




#67
 Ethyl Benzene
 Concen: 55.548 ug/l
 RT: 9.25 min Scan# 2512
 Delta R.T. 0.00 min
 Lab File: VU026969.D
 Acq: 21 Sep 2018 15:38

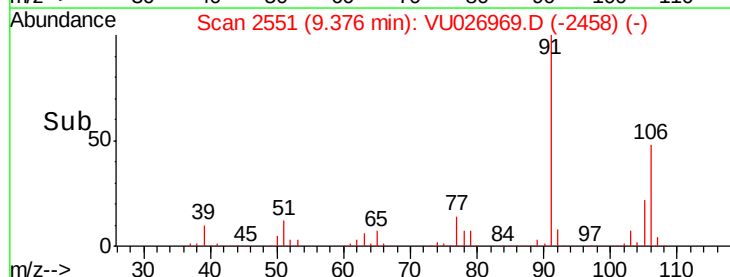
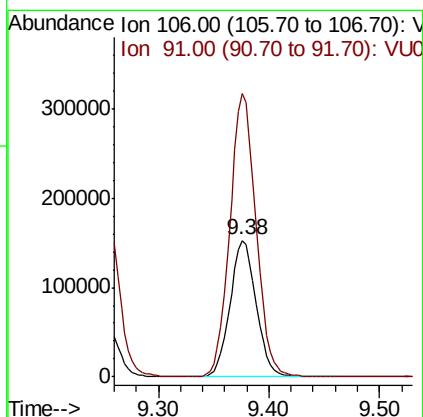
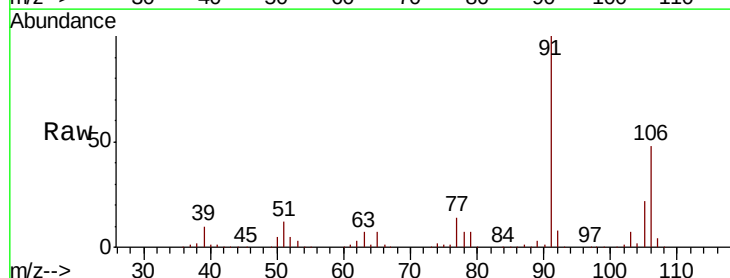
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

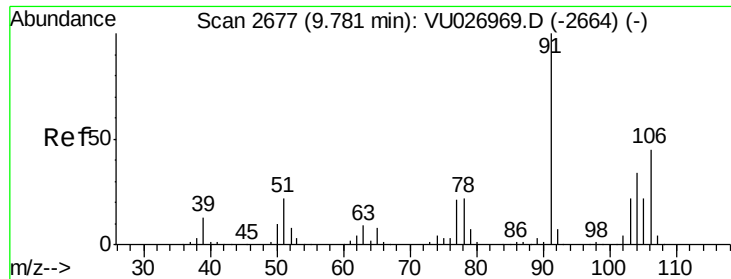
Tgt Ion: 91 Resp: 329384
 Ion Ratio Lower Upper
 91 100
 106 29.8 23.8 35.8



#68
 m/p-Xylenes
 Concen: 111.553 ug/l
 RT: 9.38 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: VU026969.D
 Acq: 21 Sep 2018 15:38

Tgt Ion: 106 Resp: 250132
 Ion Ratio Lower Upper
 106 100
 91 208.1 166.5 249.7

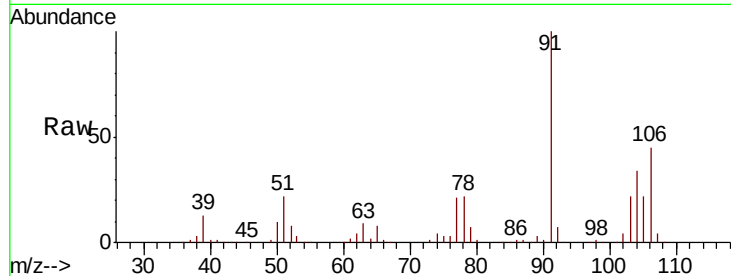




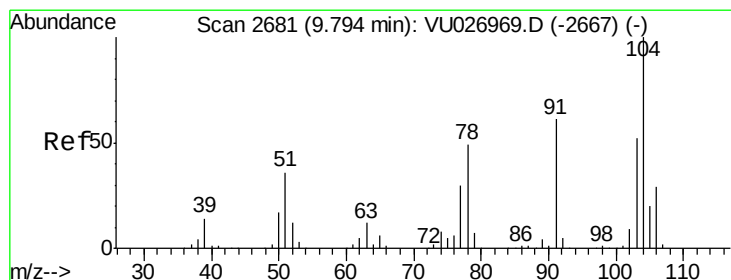
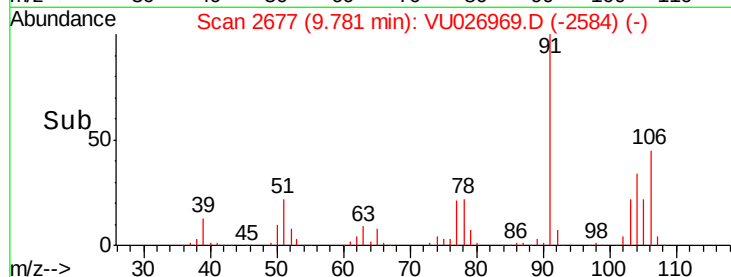
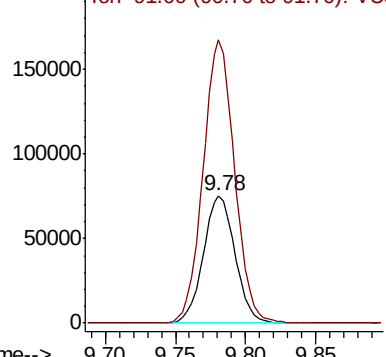
#69
o-Xylene
Concen: 54.520 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU026969.D
Acq: 21 Sep 2018 15:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 118570
Ion Ratio Lower Upper
106 100
91 220.4 110.2 330.6

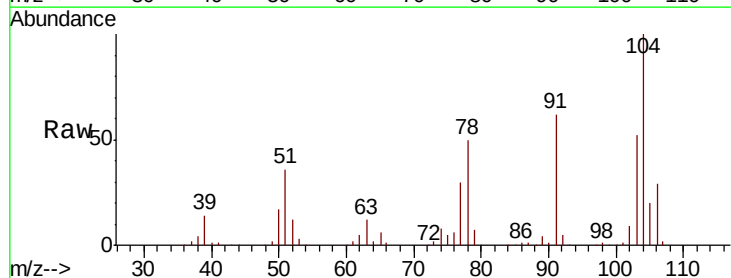


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

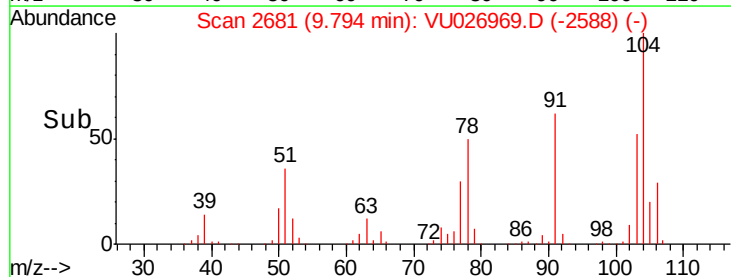
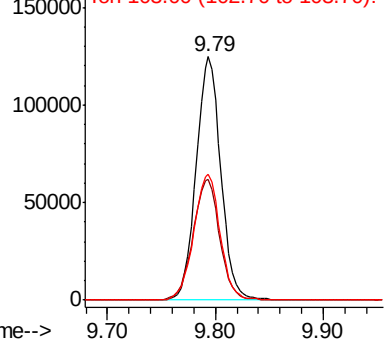


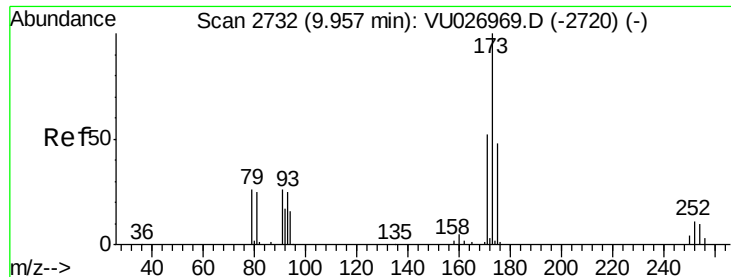
#70
Styrene
Concen: 55.826 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU026969.D
Acq: 21 Sep 2018 15:38

Tgt Ion:104 Resp: 199001
Ion Ratio Lower Upper
104 100
78 53.7 43.0 64.4
103 55.1 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 45.783 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU026969.D

Acq: 21 Sep 2018 15:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

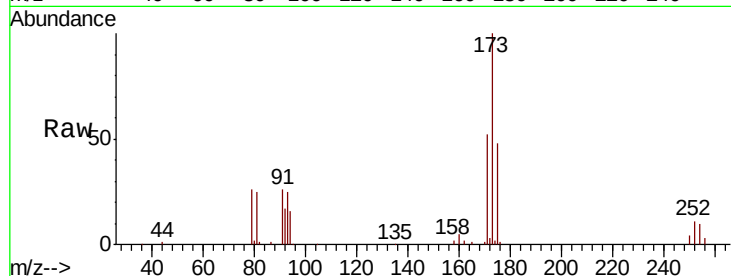
Tgt Ion:173 Resp: 50891

Ion Ratio Lower Upper

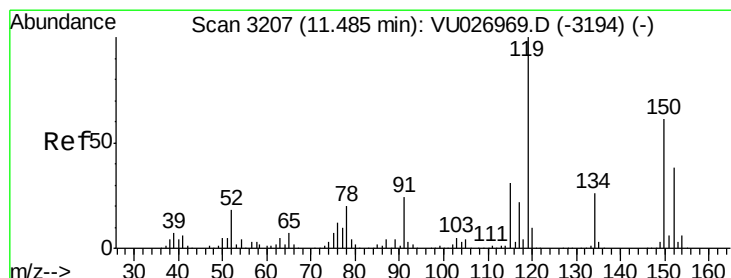
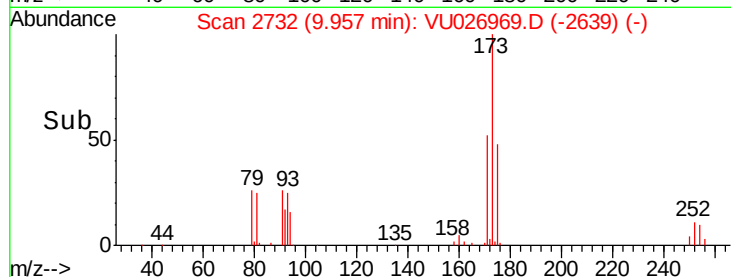
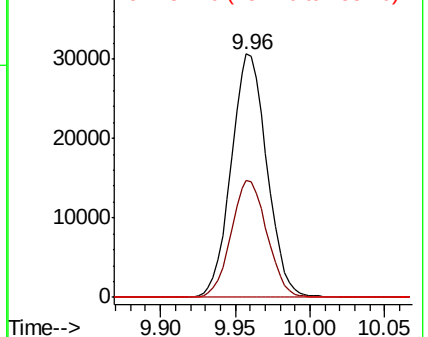
173 100

175 47.9 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: VU026969.D

Acq: 21 Sep 2018 15:38

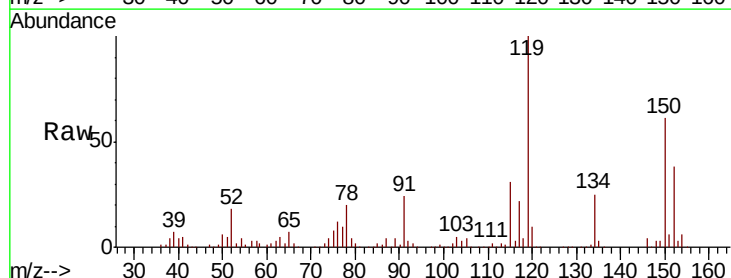
Tgt Ion:152 Resp: 79412

Ion Ratio Lower Upper

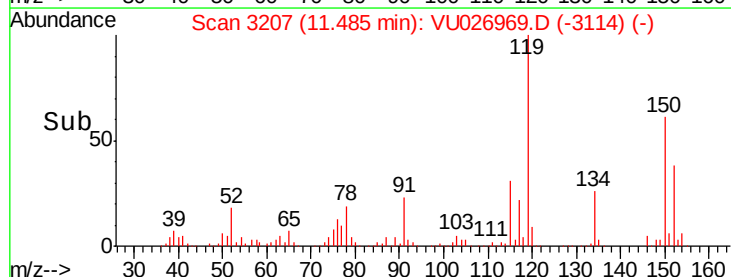
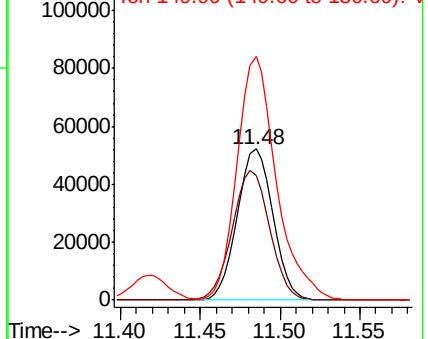
152 100

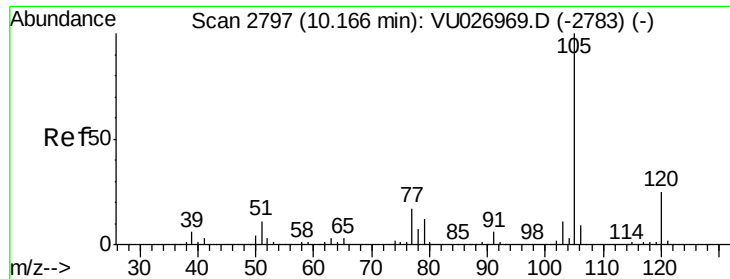
115 89.7 44.9 134.5

150 177.9 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: 58.057 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU026969.D

Acq: 21 Sep 2018 15:38

Instrument :

MSVOA_U

ClientSampleId :

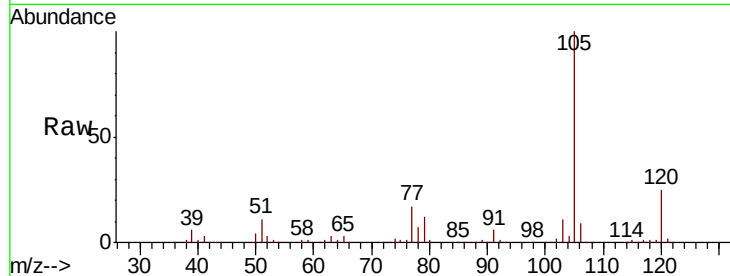
VSTDICCC050

Tgt Ion: 105 Resp: 321854

Ion Ratio Lower Upper

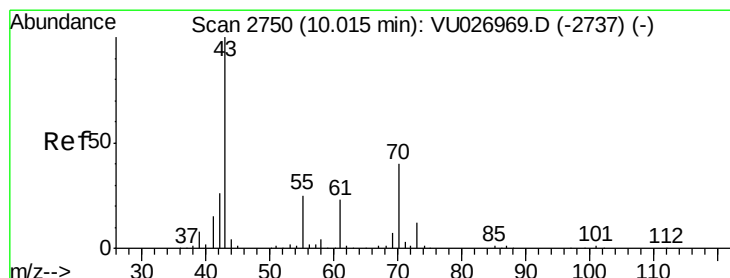
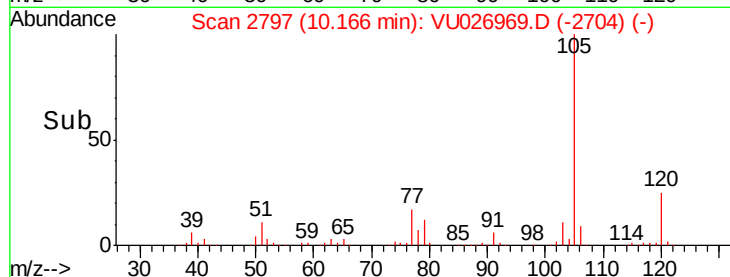
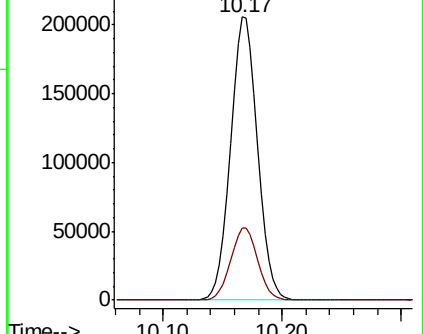
105 100

120 25.6 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: 66.162 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU026969.D

Acq: 21 Sep 2018 15:38

Tgt Ion: 43 Resp: 178869

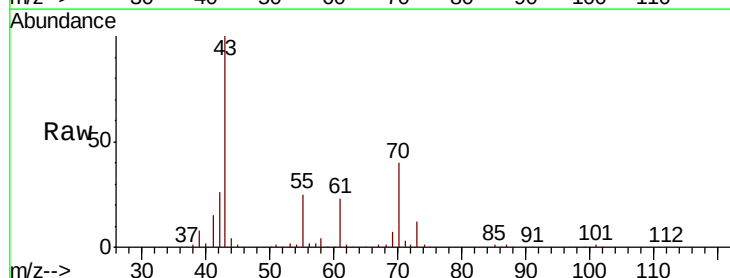
Ion Ratio Lower Upper

43 100

70 39.8 31.8 47.8

55 24.9 19.9 29.9

61 23.0 18.4 27.6

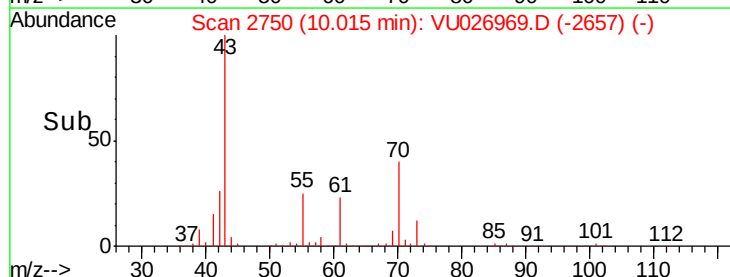
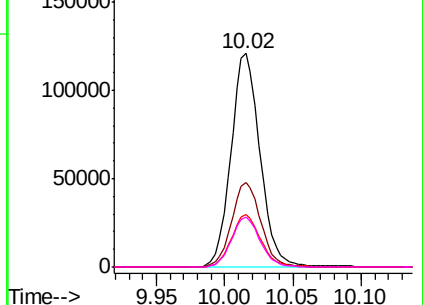


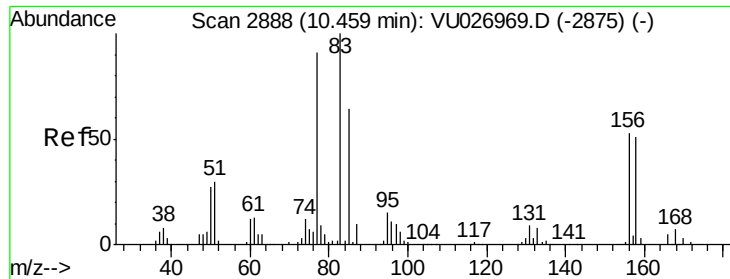
Abundance Ion 43.00 (42.70 to 43.70): VU0

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

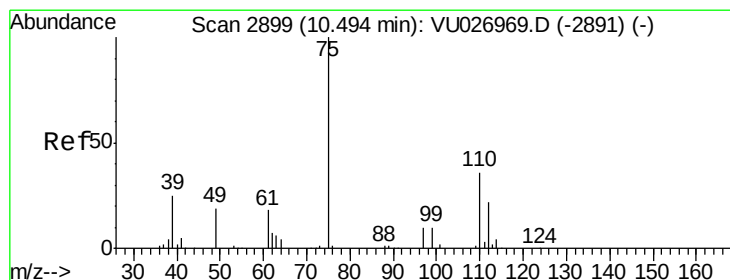
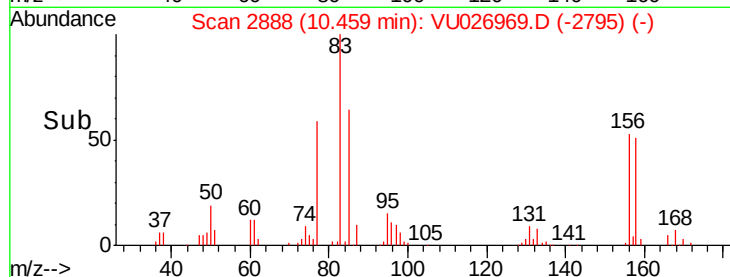
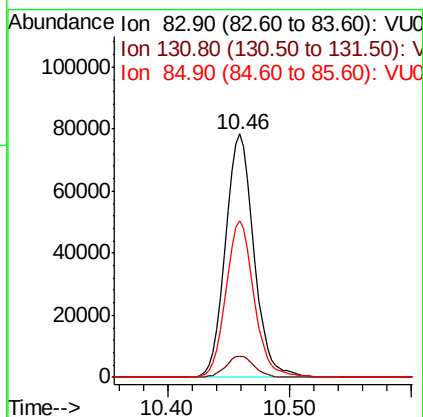
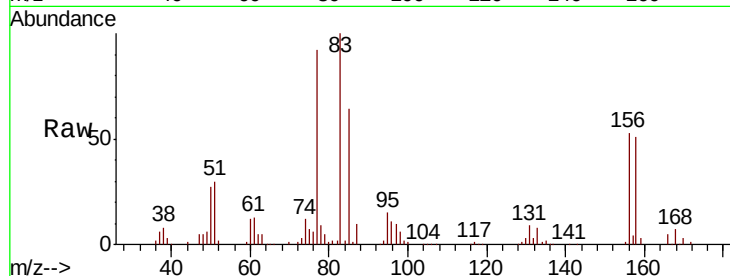




#75
 1,1,2,2-Tetrachloroethane
 Concen: 56.244 ug/l
 RT: 10.46 min Scan# 2888
 Delta R.T. 0.00 min
 Lab File: VU026969.D
 Acq: 21 Sep 2018 15:38

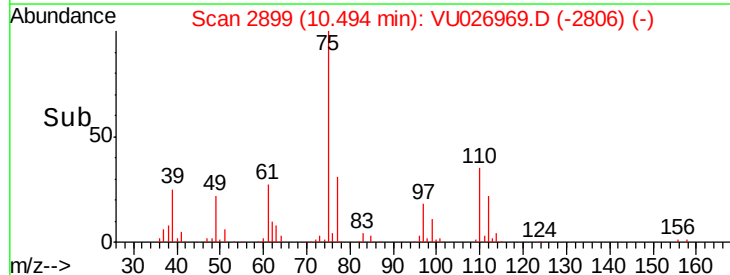
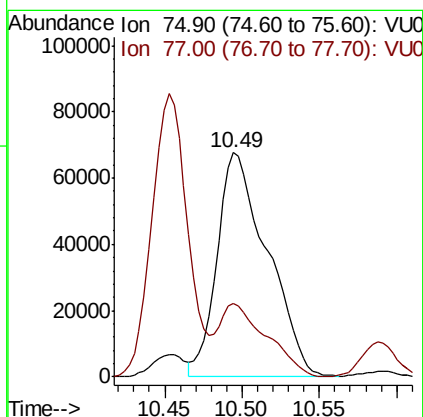
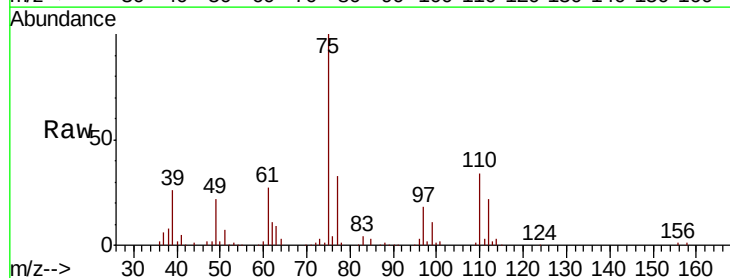
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

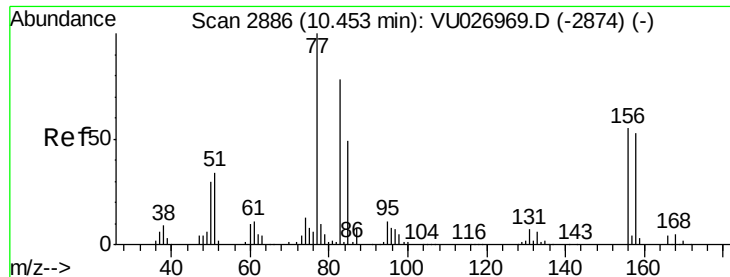
Tgt Ion: 83 Resp: 128523
 Ion Ratio Lower Upper
 83 100
 131 8.5 4.3 12.8
 85 63.8 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 82.371 ug/l
 RT: 10.49 min Scan# 2899
 Delta R.T. 0.00 min
 Lab File: VU026969.D
 Acq: 21 Sep 2018 15:38

Tgt Ion: 75 Resp: 153150
 Ion Ratio Lower Upper
 75 100
 77 29.9 20.9 62.8





#77

Bromobenzene

Concen: 50.235 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU026969.D

Acq: 21 Sep 2018 15:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

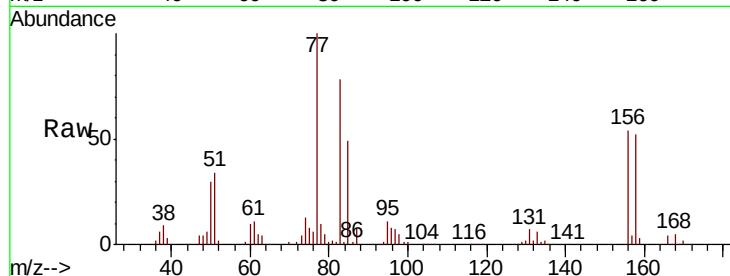
Tgt Ion:156 Resp: 74168

Ion Ratio Lower Upper

156 100

77 184.6 92.3 276.9

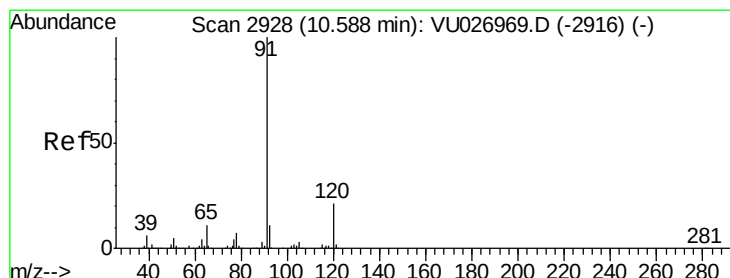
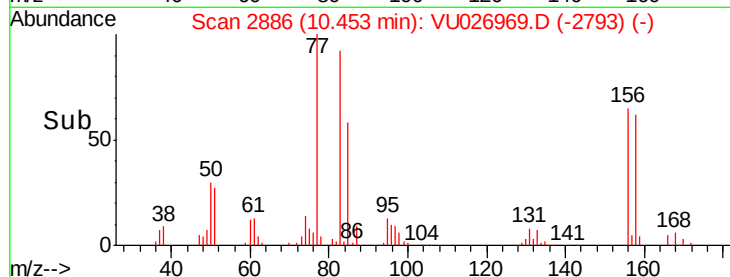
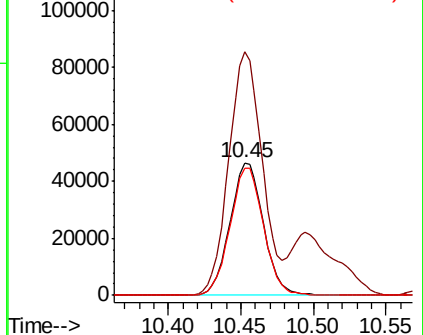
158 96.2 48.1 144.3



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: 60.783 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU026969.D

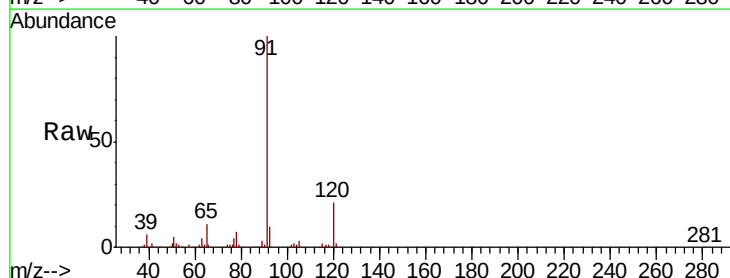
Acq: 21 Sep 2018 15:38

Tgt Ion: 91 Resp: 394202

Ion Ratio Lower Upper

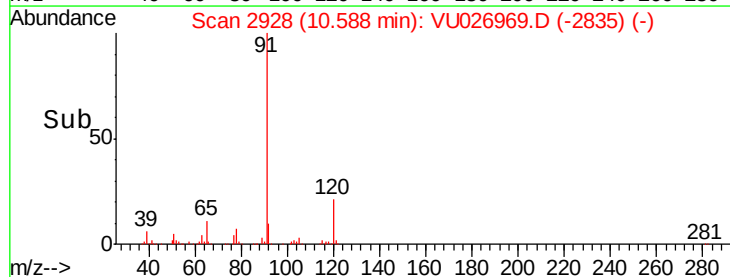
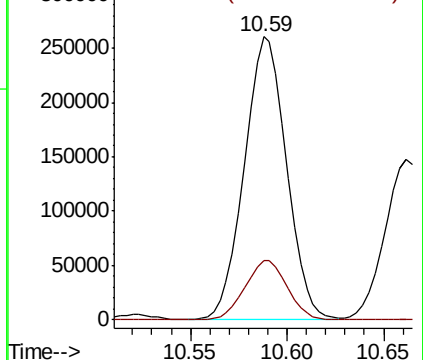
91 100

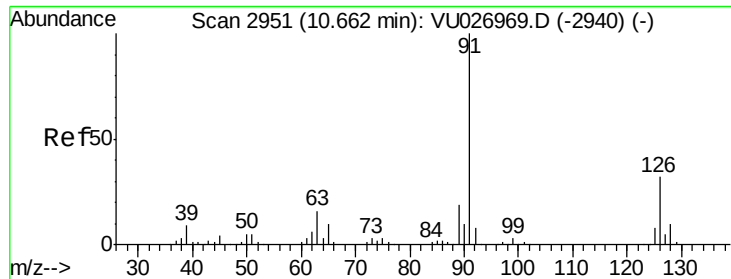
120 21.2 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

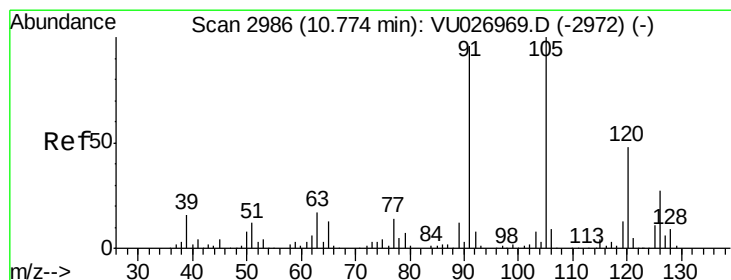
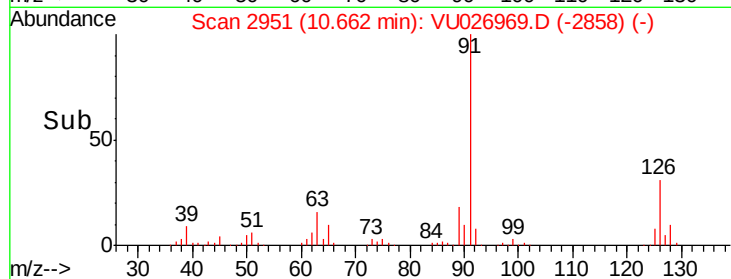
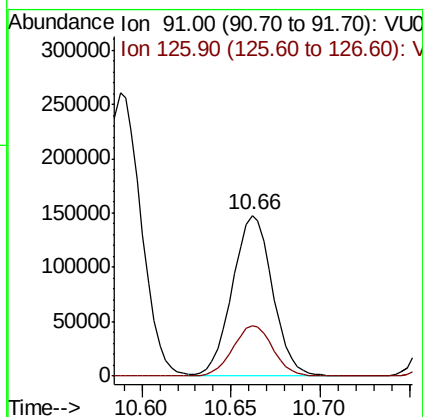
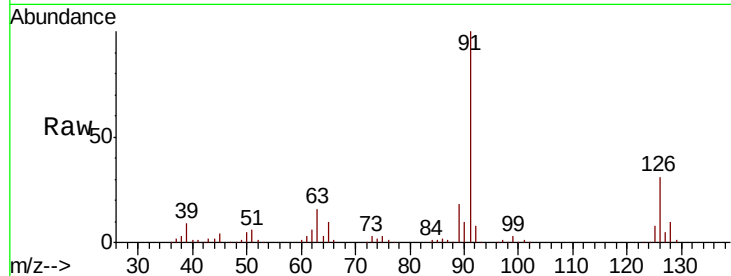




#79
 2-Chlorotoluene
 Concen: 57.540 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU026969.D
 Acq: 21 Sep 2018 15:38

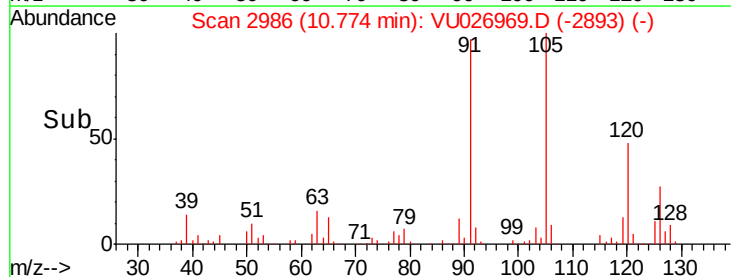
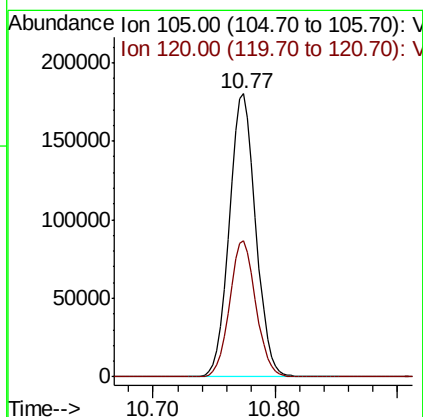
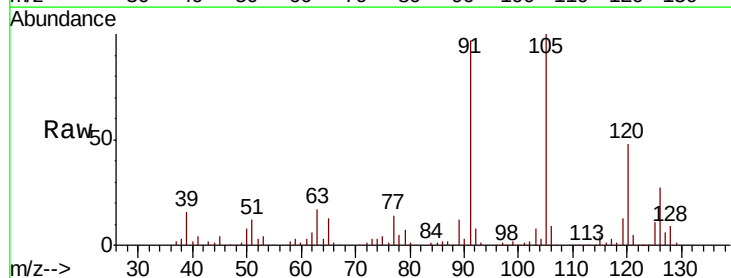
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

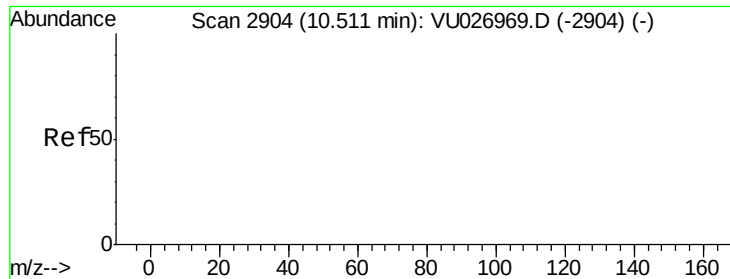
Tgt Ion: 91 Resp: 230902
 Ion Ratio Lower Upper
 91 100
 126 31.5 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 58.503 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU026969.D
 Acq: 21 Sep 2018 15:38

Tgt Ion: 105 Resp: 272099
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.9 71.7

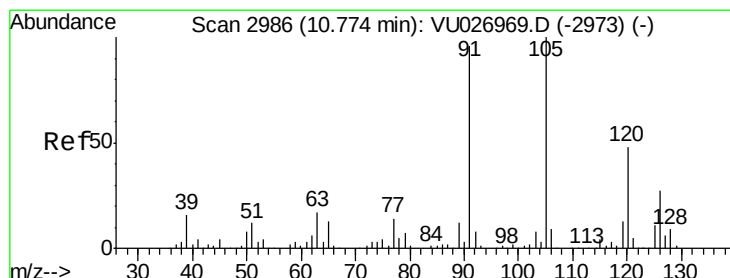
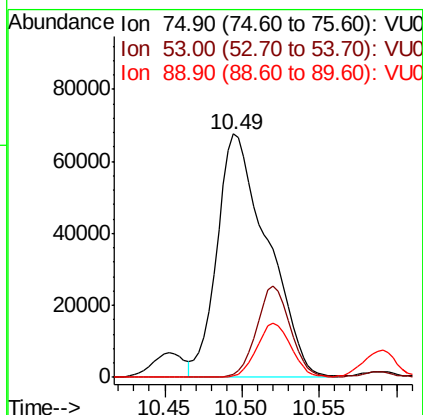
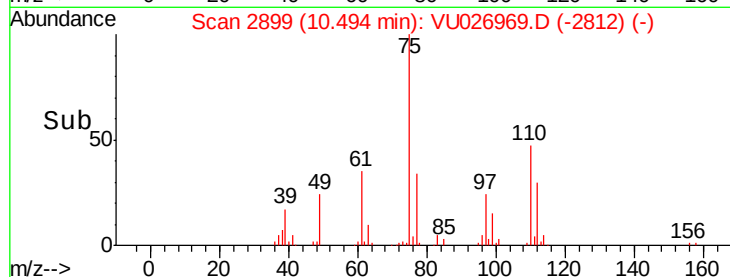
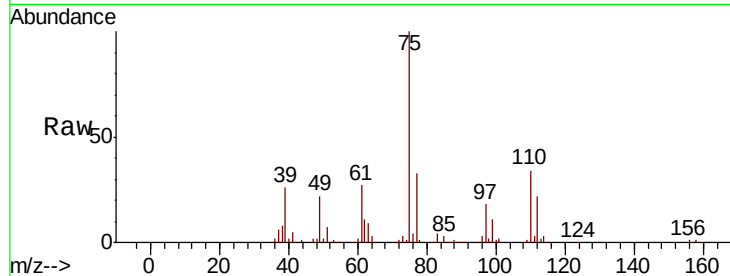




#81
trans-1,4-Dichloro-2-butene
Concen: 240.730 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU026969.D
Acq: 21 Sep 2018 15:38

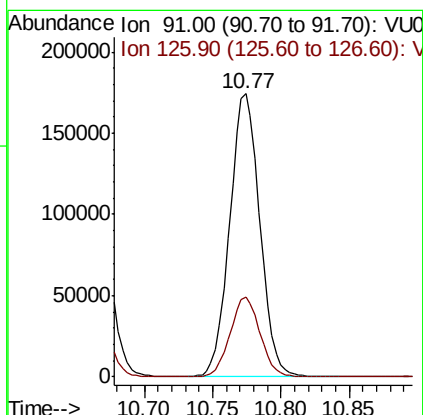
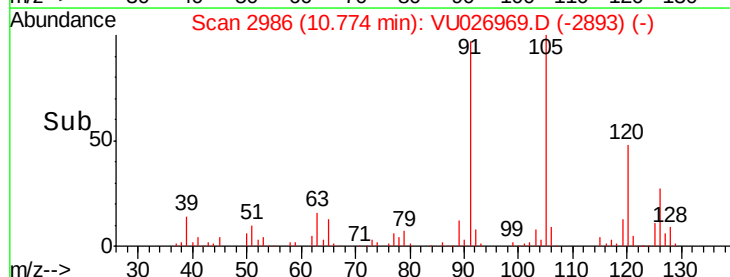
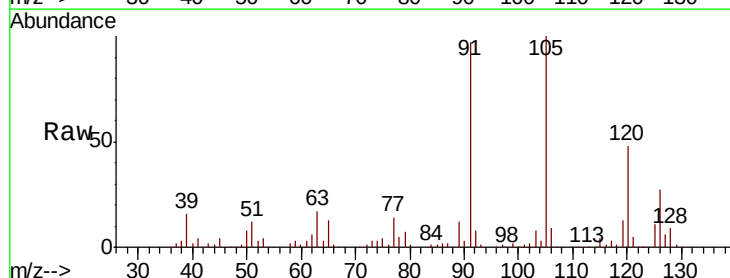
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

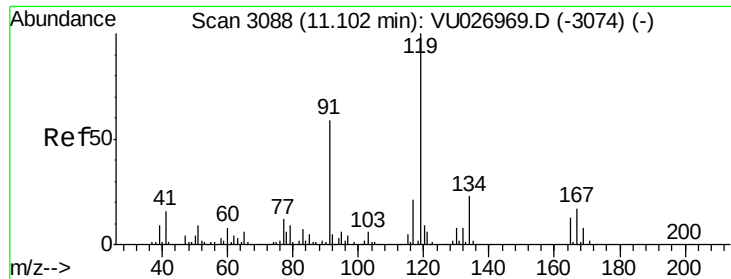
Tgt Ion: 75 Resp: 153150
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 59.023 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU026969.D
Acq: 21 Sep 2018 15:38

Tgt Ion: 91 Resp: 266008
Ion Ratio Lower Upper
91 100
126 28.1 14.1 42.2

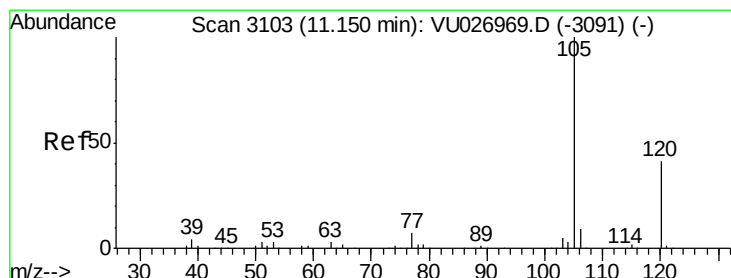
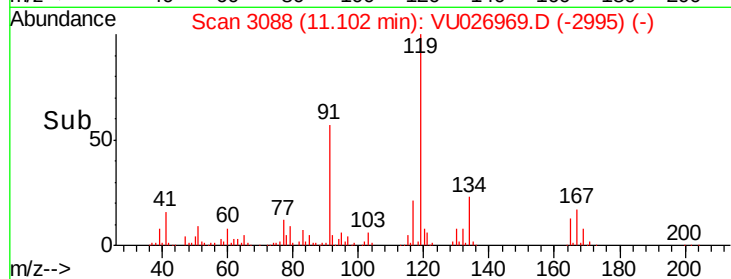
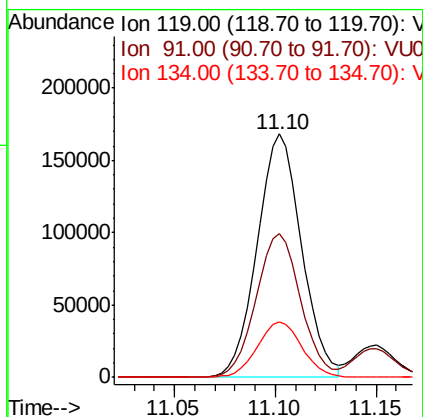
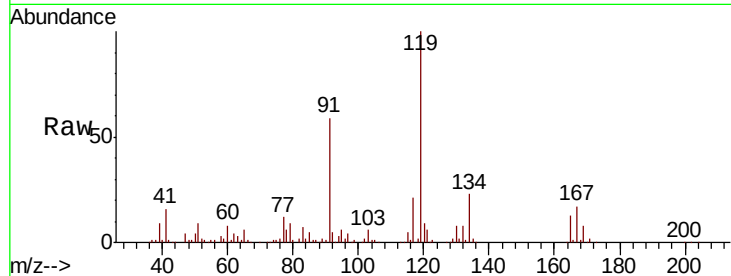




#83
 tert-Butylbenzene
 Concen: 55.174 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU026969.D
 Acq: 21 Sep 2018 15:38

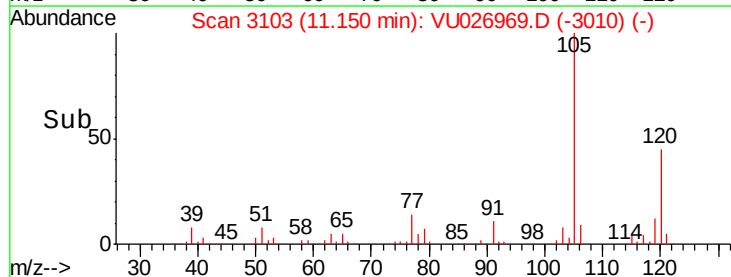
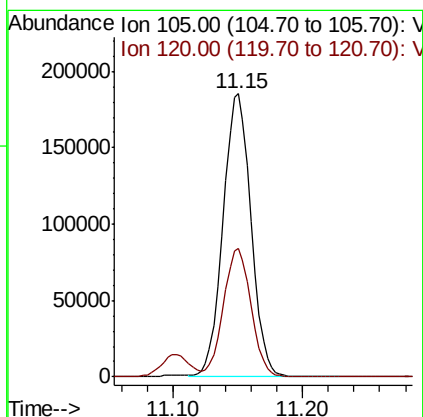
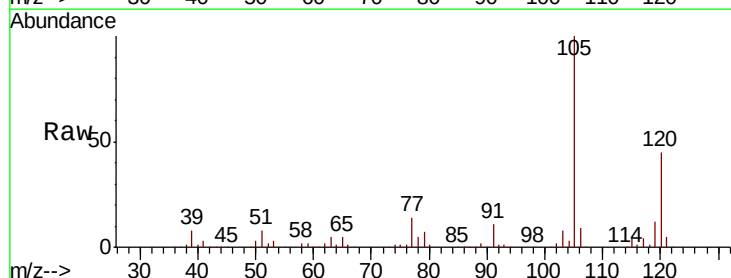
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

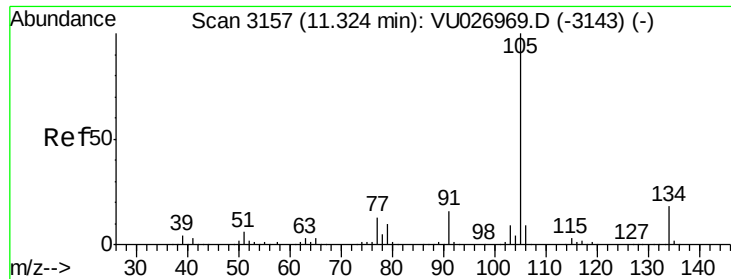
Tgt Ion:119 Resp: 258040
 Ion Ratio Lower Upper
 119 100
 91 59.6 29.8 89.4
 134 22.9 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 59.241 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU026969.D
 Acq: 21 Sep 2018 15:38

Tgt Ion:105 Resp: 278460
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.4 67.2

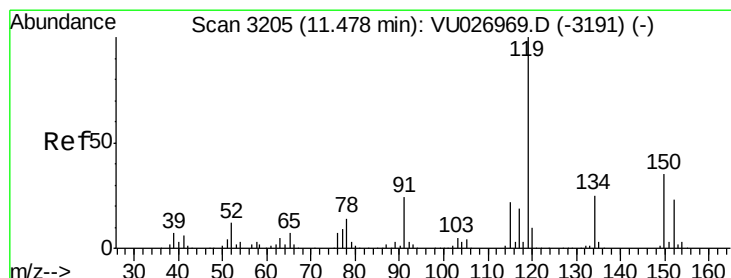
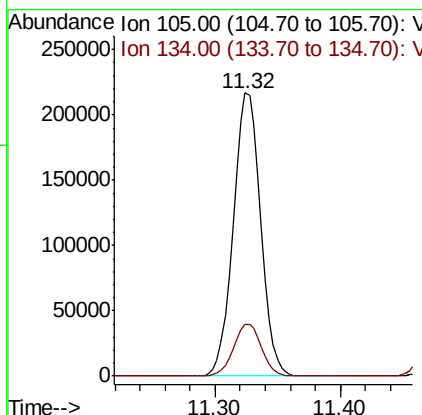
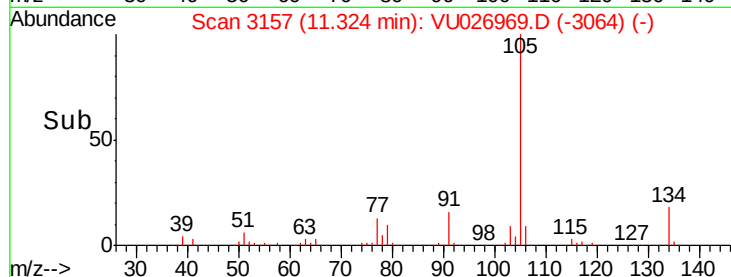
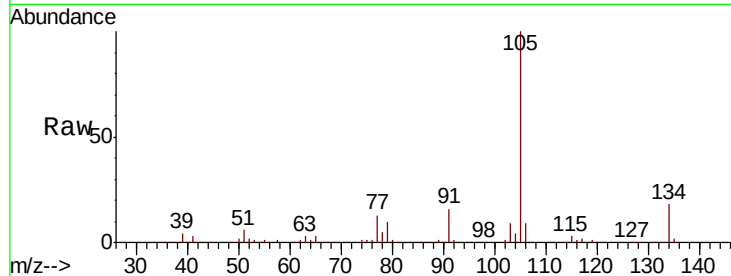




#85
 sec-Butylbenzene
 Concen: 58.463 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU026969.D
 Acq: 21 Sep 2018 15:38

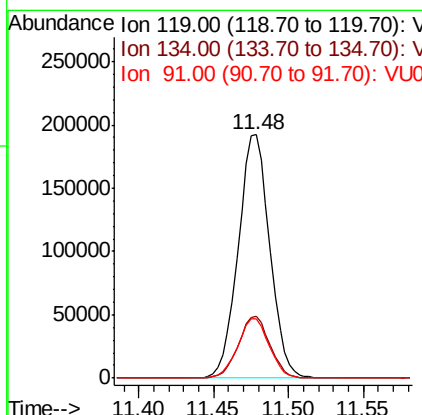
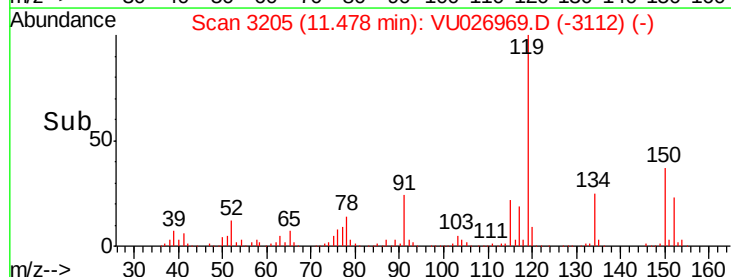
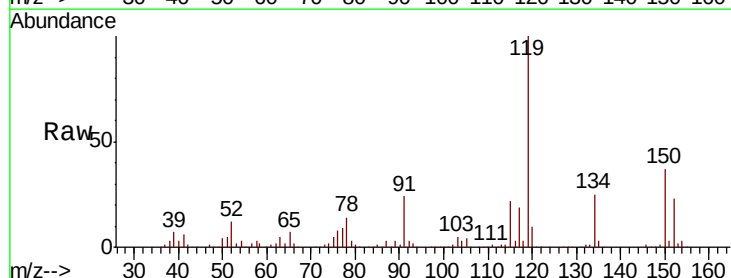
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

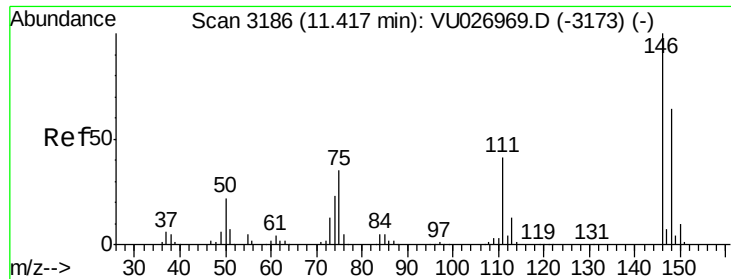
Tgt Ion:105 Resp: 327187
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 57.977 ug/l
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU026969.D
 Acq: 21 Sep 2018 15:38

Tgt Ion:119 Resp: 281296
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 24.5 12.3 36.8

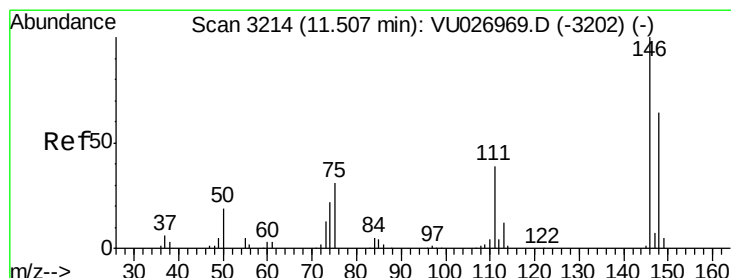
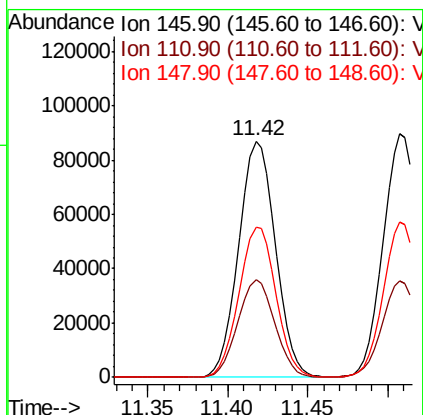
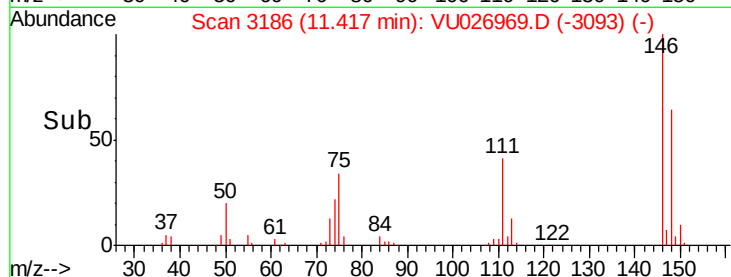
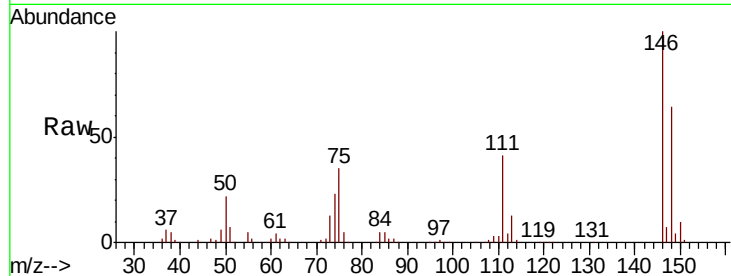




#87
 1,3-Dichlorobenzene
 Concen: 49.484 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU026969.D
 Acq: 21 Sep 2018 15:38

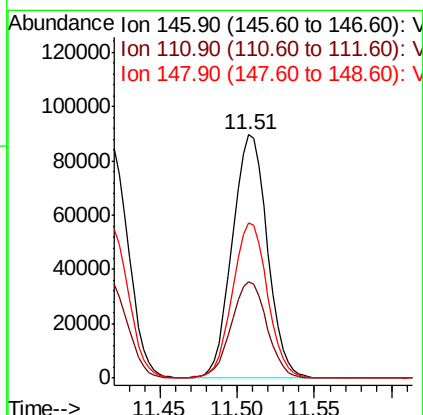
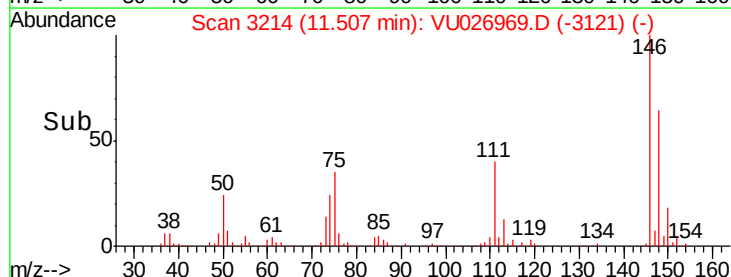
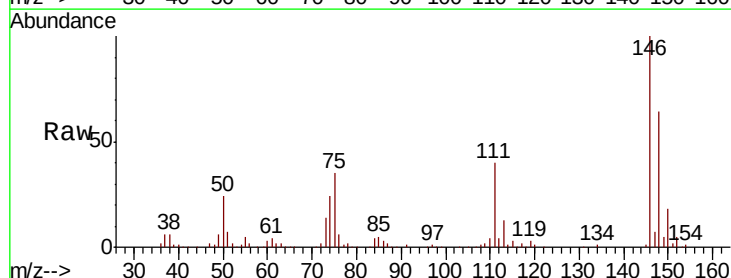
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

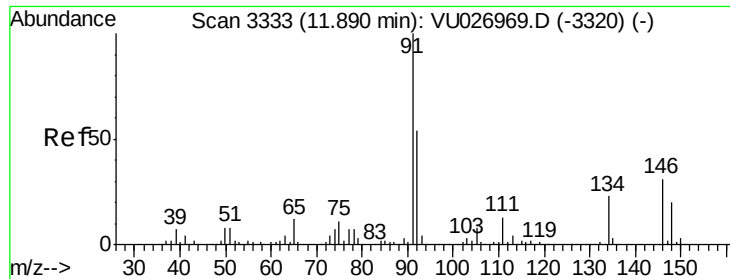
Tgt Ion:146 Resp: 136381
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.8 62.2
 148 64.1 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 48.979 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU026969.D
 Acq: 21 Sep 2018 15:38

Tgt Ion:146 Resp: 140471
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.3 60.9
 148 63.9 31.9 95.9

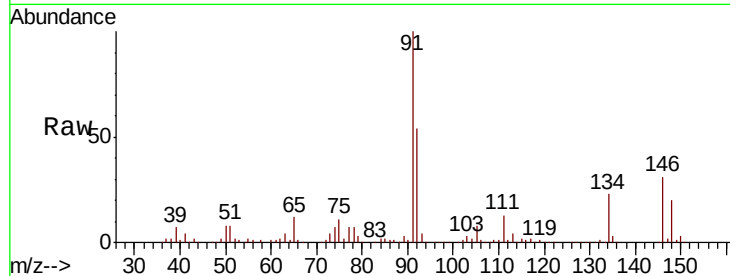




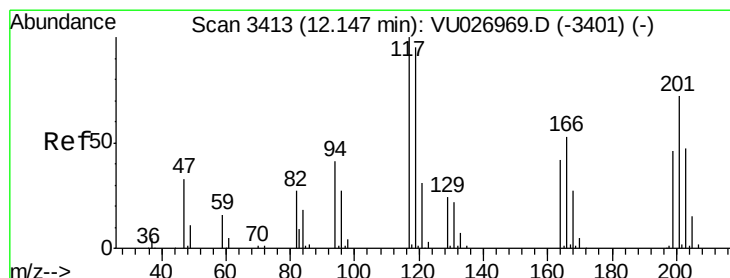
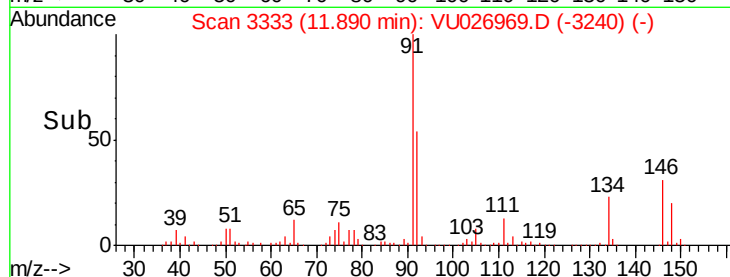
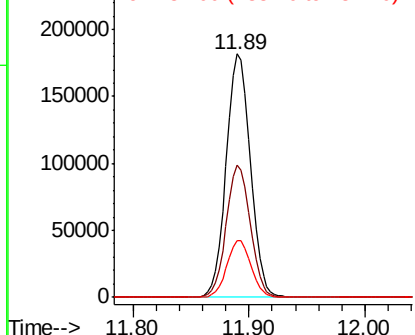
#89
n-Butylbenzene
Concen: 61.195 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU026969.D
Acq: 21 Sep 2018 15:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 262469
Ion Ratio Lower Upper
91 100
92 54.1 27.1 81.2
134 23.3 11.7 35.0

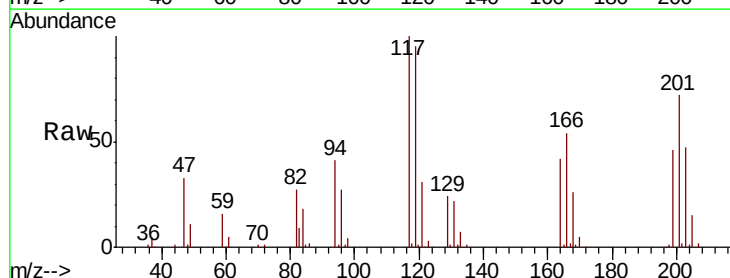


Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-3320) (-)
Ion 92.00 (91.70 to 92.70): VU026969.D (-3320) (-)
Ion 134.00 (133.70 to 134.70): VU026969.D (-3320) (-)

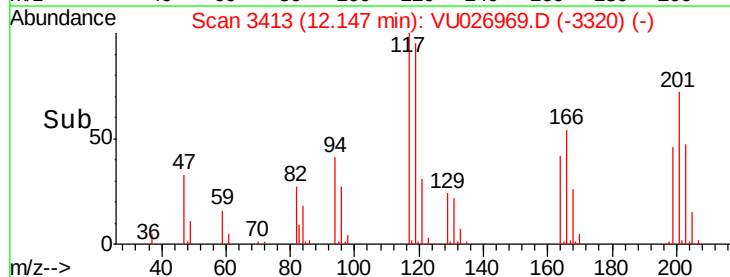
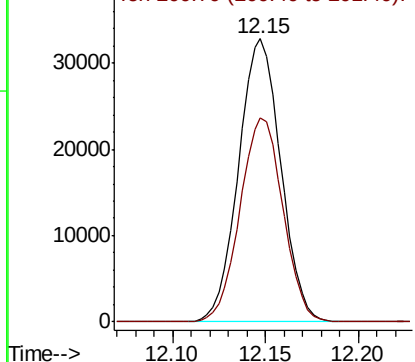


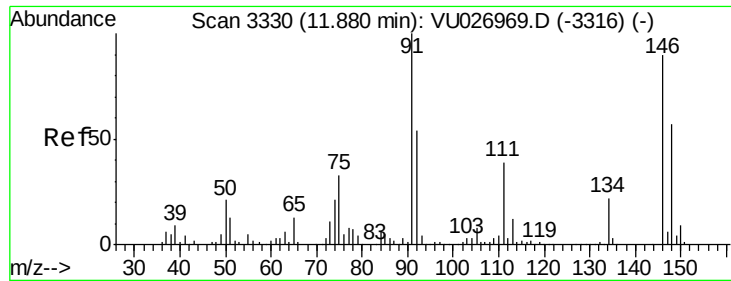
#90
Hexachloroethane
Concen: 53.042 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU026969.D
Acq: 21 Sep 2018 15:38

Tgt Ion: 117 Resp: 51960
Ion Ratio Lower Upper
117 100
201 73.5 36.8 110.3



Abundance Ion 116.80 (116.50 to 117.50): VU026969.D (-3401) (-)
Ion 200.70 (200.40 to 201.40): VU026969.D (-3401) (-)

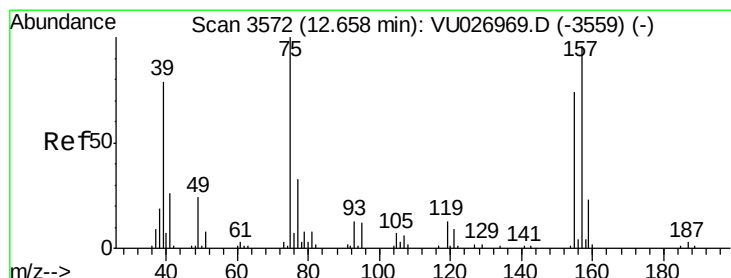
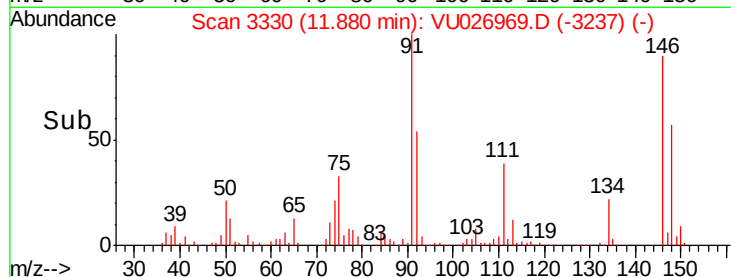
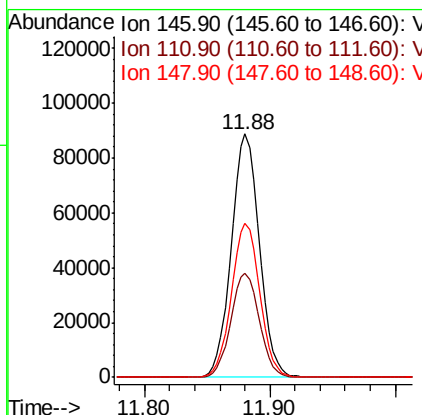
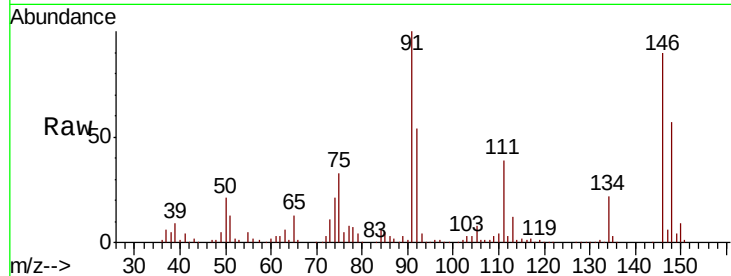




#91
 1,2-Dichlorobenzene
 Concen: 49.842 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU026969.D
 Acq: 21 Sep 2018 15:38

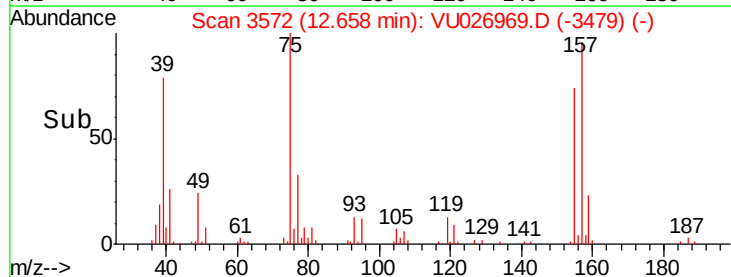
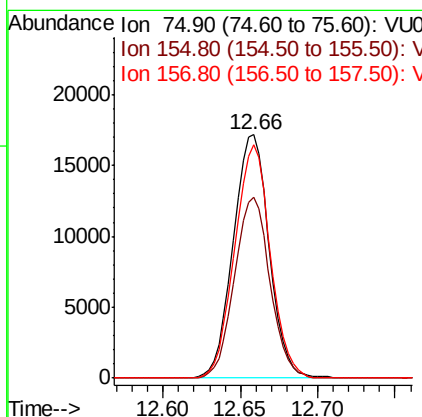
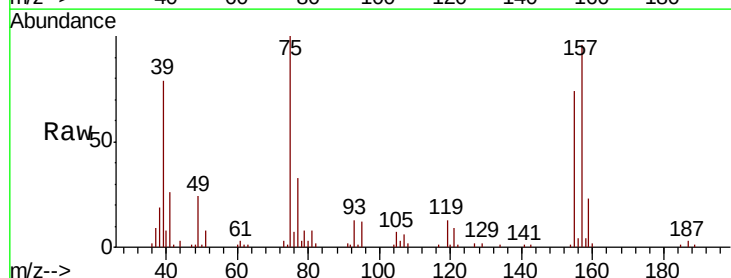
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

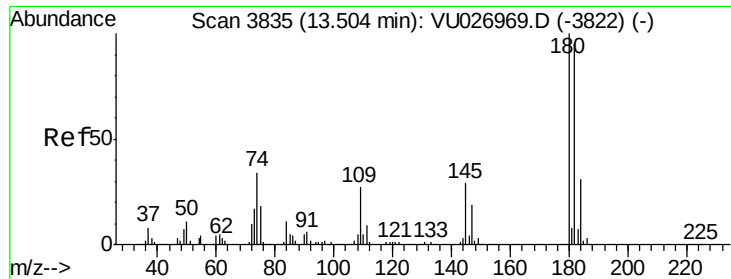
Tgt Ion: 146 Resp: 138051
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.8 65.3
 148 63.8 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 60.450 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VU026969.D
 Acq: 21 Sep 2018 15:38

Tgt Ion: 75 Resp: 27689
 Ion Ratio Lower Upper
 75 100
 155 73.2 36.6 109.8
 157 94.8 47.4 142.2

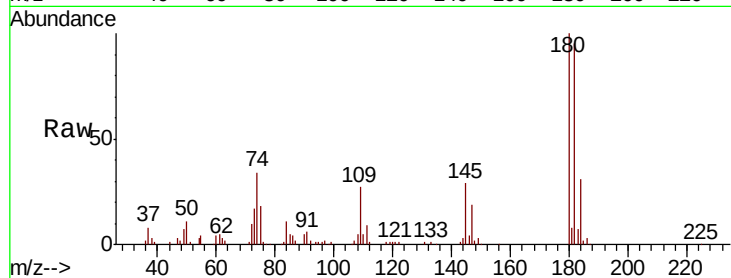




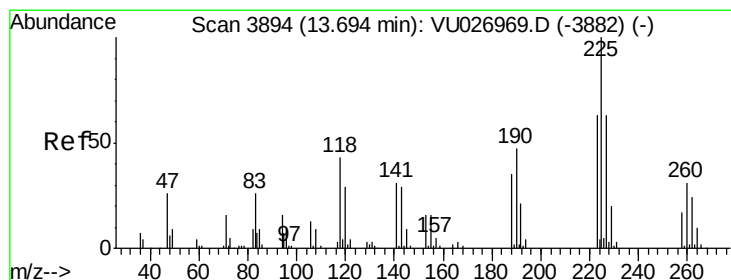
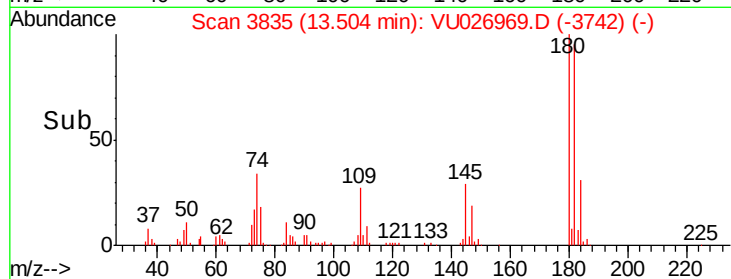
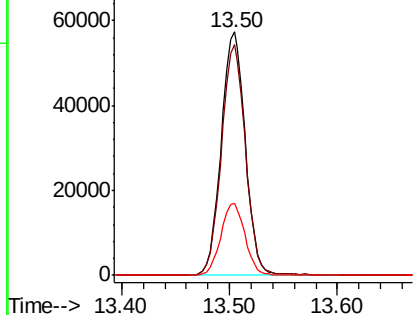
#93
 1,2,4-Trichlorobenzene
 Concen: 49.083 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU026969.D
 Acq: 21 Sep 2018 15:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 88882
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.4 142.2
 145 29.7 14.9 44.5

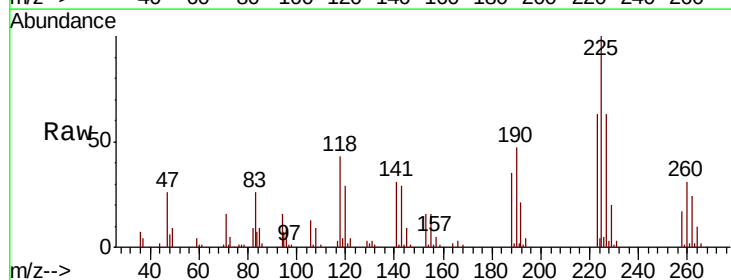


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

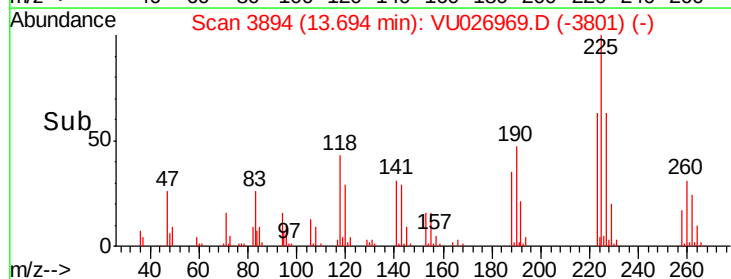
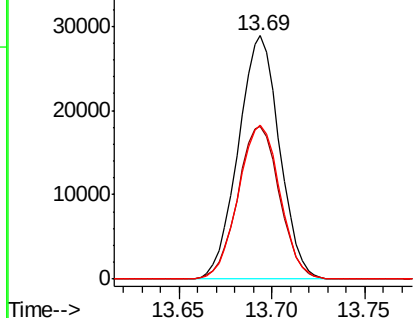


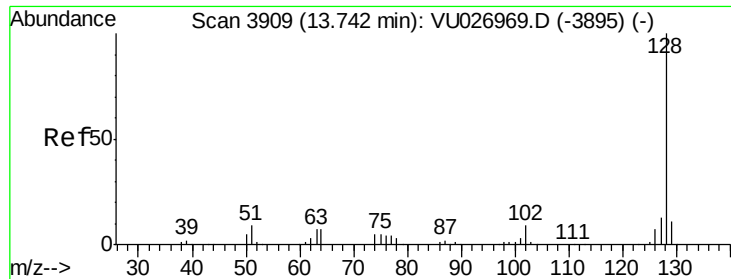
#94
 Hexachlorobutadiene
 Concen: 47.683 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU026969.D
 Acq: 21 Sep 2018 15:38

Tgt Ion:225 Resp: 44398
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.9 95.7
 227 64.3 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

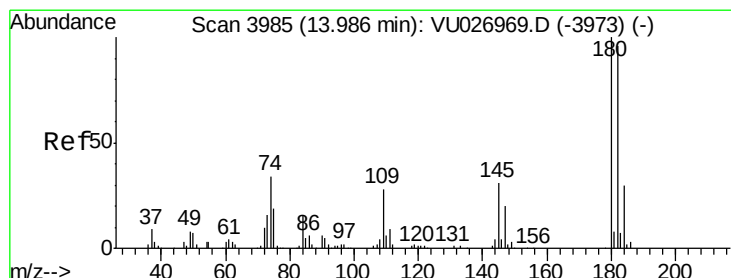
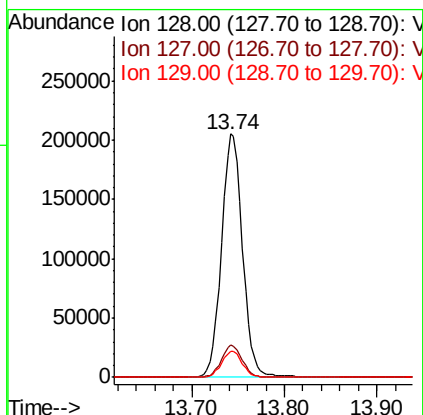
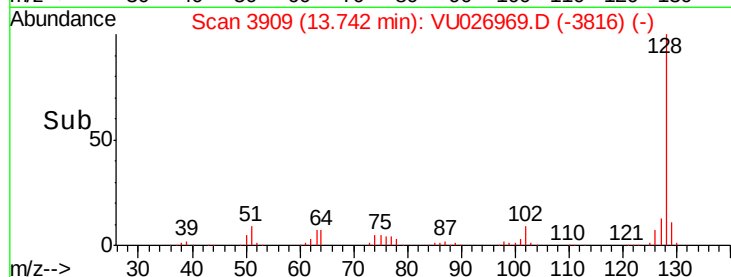
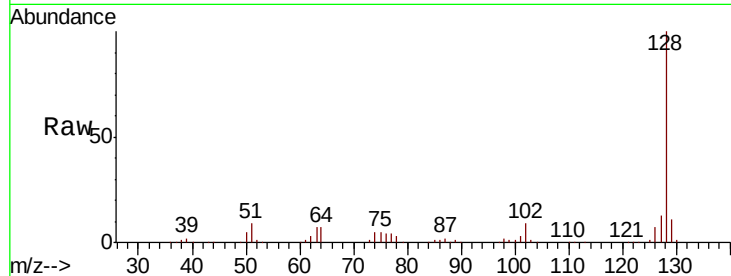




#95
Naphthalene
Concen: 57.702 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU026969.D
Acq: 21 Sep 2018 15:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 323263
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 50.260 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU026969.D
Acq: 21 Sep 2018 15:38

Tgt Ion:180 Resp: 95529
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.5
145 30.9 15.4 46.4

