

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027253.D
 Acq On : 28 Sep 2018 02:48
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 28 03:46:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	78535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	135416	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	131027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	72687	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	79183	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	
35) Dibromofluoromethane	4.88	113	56912	48.49	ug/l	0.00
Spiked Amount			Recovery	=	96.98%	
50) Toluene-d8	7.57	98	208255	46.55	ug/l	0.00
Spiked Amount			Recovery	=	93.10%	
62) 4-Bromofluorobenzene	10.31	95	78616	51.22	ug/l	0.00
Spiked Amount			Recovery	=	102.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	59721	58.243	ug/l	99
3) Chloromethane	1.33	50	83371	47.159	ug/l	98
4) Vinyl Chloride	1.40	62	88426	53.585	ug/l	98
5) Bromomethane	1.61	94	65628	69.837	ug/l	98
6) Chloroethane	1.69	64	53503	50.743	ug/l	100
7) Trichlorofluoromethane	1.88	101	95187	50.787	ug/l	99
8) Diethyl Ether	2.10	74	45186	50.088	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.29	101	52741	45.765	ug/l	99
10) Methyl Iodide	2.41	142	32092	22.453	ug/l	97
11) Tert butyl alcohol	2.83	59	89861	248.032	ug/l	99
12) 1,1-Dichloroethene	2.28	96	52320	48.235	ug/l	97
13) Acrolein	2.20	56	29403	150.552	ug/l	98
14) Allyl chloride	2.59	41	125497	57.044	ug/l	97
15) Acrylonitrile	2.94	53	255397	279.696	ug/l	99
16) Acetone	2.32	43	211153	251.590	ug/l	99
17) Carbon Disulfide	2.48	76	188992	53.485	ug/l	100
18) Methyl Acetate	2.62	43	136675	60.750	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	223455	56.060	ug/l	100
20) Methylene Chloride	2.70	84	70642	49.903	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	62484	53.955	ug/l	99
22) Diisopropyl ether	3.57	45	276662	58.794	ug/l	99
23) Vinyl Acetate	3.53	43	1192907	297.397	ug/l	99
24) 1,1-Dichloroethane	3.45	63	141430	54.571	ug/l	99
25) 2-Butanone	4.26	43	363406	273.576	ug/l	98
26) 2,2-Dichloropropane	4.23	77	84032	41.576	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	70445	53.863	ug/l	100
28) Bromochloromethane	4.55	49	68246	54.627	ug/l	94
29) Tetrahydrofuran	4.64	42	236524	294.343	ug/l	97
30) Chloroform	4.67	83	126301	52.501	ug/l	99
31) Cyclohexane	5.00	56	130634	55.514	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	105207	54.774	ug/l	99
36) 1,1-Dichloropropene	5.14	75	95807	53.012	ug/l	99
37) Ethyl Acetate	4.38	43	130479	53.331	ug/l	99
38) Carbon Tetrachloride	5.14	117	88922	51.703	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	110342	56.182	ug/l	99
40) Benzene	5.39	78	284474	51.778	ug/l	100
41) Methacrylonitrile	4.54	41	75498	59.418	ug/l	96
42) 1,2-Dichloroethane	5.40	62	110137	53.059	ug/l	100
43) Isopropyl Acetate	5.55	43	202146	56.655	ug/l	99
44) Trichloroethene	6.19	130	62055	53.055	ug/l	98
45) 1,2-Dichloropropane	6.43	63	84586	54.033	ug/l	98
46) Dibromomethane	6.56	93	49047	51.876	ug/l	99
47) Bromodichloromethane	6.76	83	98686	51.621	ug/l	97
48) Methyl methacrylate	6.62	41	104954	53.962	ug/l	99
49) 1,4-Dioxane	6.61	88	34671	898.792	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	696567	290.270	ug/l	99
52) Toluene	7.64	92	173122	54.973	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	112968	54.998	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	121040	53.594	ug/l	100
55) 1,1,2-Trichloroethane	8.07	97	68006	50.964	ug/l	99
56) Ethyl methacrylate	8.02	69	118882	51.287	ug/l	97
57) 1,3-Dichloropropane	8.24	76	132897	53.547	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	316645	241.155	ug/l	98
59) 2-Hexanone	8.36	43	529530	281.897	ug/l	99
60) Dibromochloromethane	8.48	129	69851	53.366	ug/l	99
61) 1,2-Dibromoethane	8.59	107	72951	52.543	ug/l	100
64) Tetrachloroethene	8.23	164	54285	53.766	ug/l	97
65) Chlorobenzene	9.12	112	178450	51.364	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	63148	52.771	ug/l	99
67) Ethyl Benzene	9.25	91	321988	56.361	ug/l	99
68) m/p-Xylenes	9.38	106	239762	103.575	ug/l	98
69) o-Xylene	9.78	106	116046	57.331	ug/l	100
70) Styrene	9.79	104	192914	51.005	ug/l	99
71) Bromoform	9.96	173	50705	54.794	ug/l #	98
73) Isopropylbenzene	10.17	105	313727	56.740	ug/l	100
74) N-amyl acetate	10.02	43	184622	57.684	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	122246	48.087	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	141674	64.158	ug/l	81
77) Bromobenzene	10.45	156	70999	52.546	ug/l	96
78) n-propylbenzene	10.59	91	380617	58.177	ug/l	99
79) 2-Chlorotoluene	10.66	91	223402	54.363	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	261307	57.251	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	141674	205.316	ug/l #	100
82) 4-Chlorotoluene	10.77	91	257737	55.934	ug/l	99
83) tert-Butylbenzene	11.10	119	246031	54.522	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	266493	57.372	ug/l	99
85) sec-Butylbenzene	11.32	105	315682	57.309	ug/l	100
86) p-Isopropyltoluene	11.48	119	266699	51.569	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	131283	52.213	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	132412	48.319	ug/l	99
89) n-Butylbenzene	11.89	91	251068	50.104	ug/l	99
90) Hexachloroethane	12.15	117	48702	48.620	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	132043	49.438	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	28014	54.017	ug/l	98

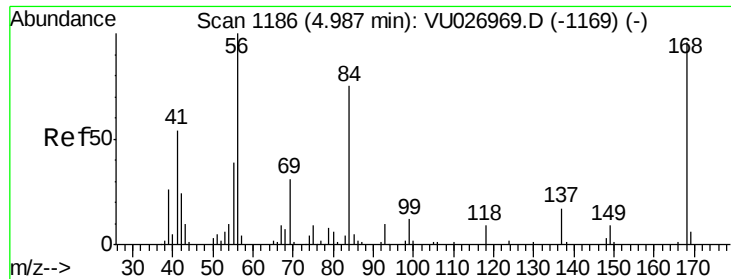
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	84883	55.150	ug/l	99
94) Hexachlorobutadiene	13.69	225	41743	51.257	ug/l	100
95) Naphthalene	13.74	128	305843	50.796	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	89893	54.462	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027253.D

Acq: 28 Sep 2018 02:48

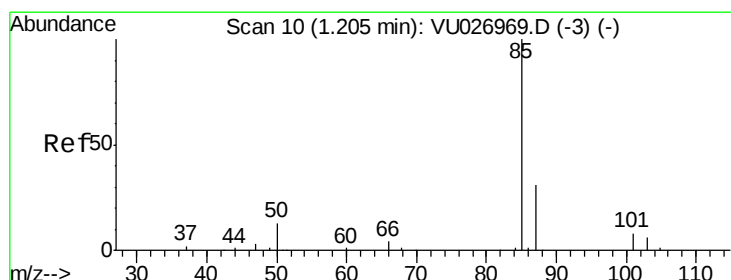
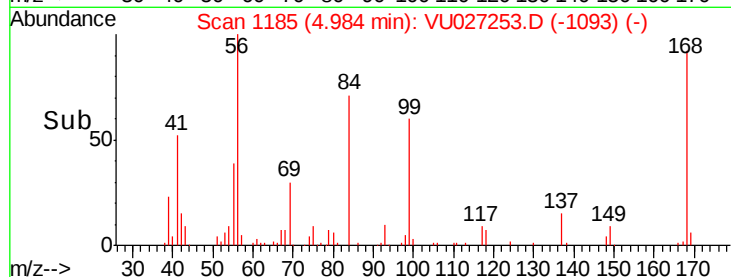
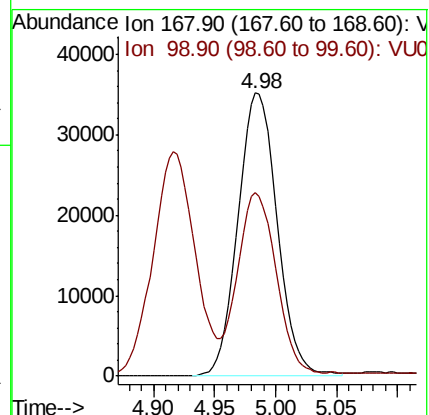
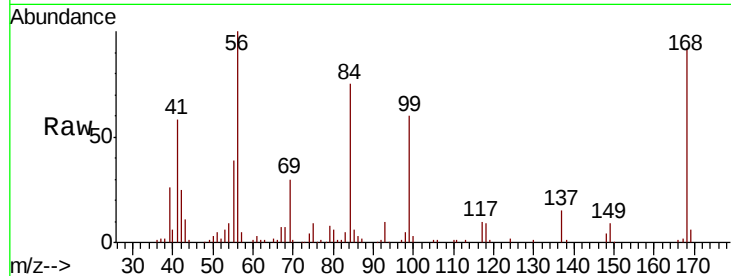
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:168 Resp: 78535

Ion Ratio Lower Upper

168 100

99 63.8 48.1 72.1



#2

Dichlorodifluoromethane

Concen: 58.243 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027253.D

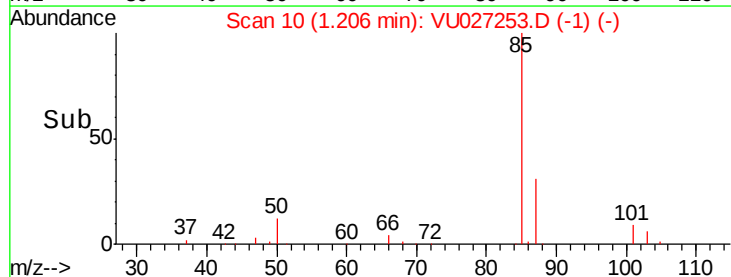
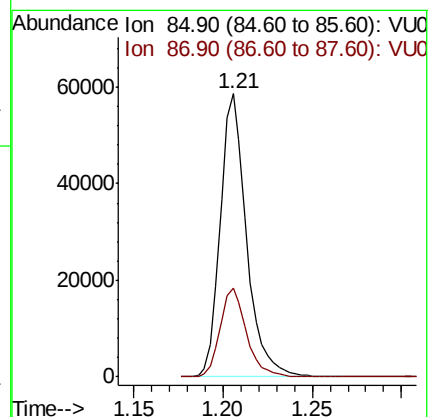
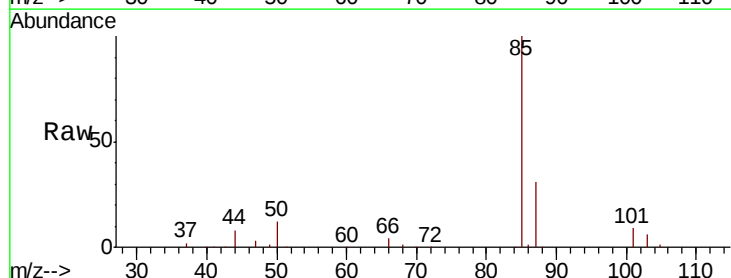
Acq: 28 Sep 2018 02:48

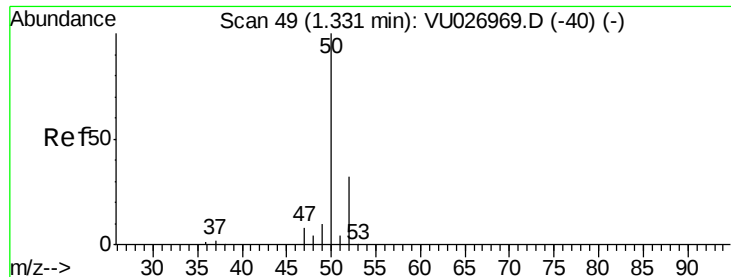
Tgt Ion: 85 Resp: 59721

Ion Ratio Lower Upper

85 100

87 31.5 15.6 46.7





#3

Chloromethane

Concen: 47.159 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027253.D

Acq: 28 Sep 2018 02:48

Instrument :

MSVOA_U

ClientSampleId :

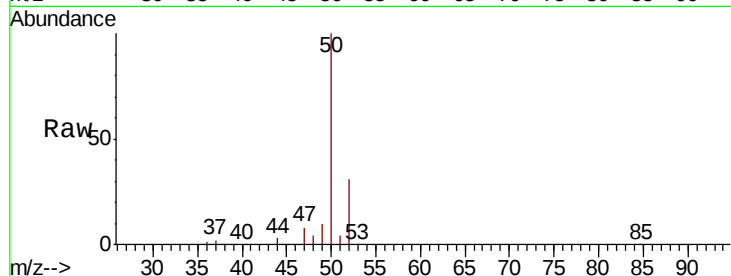
VSTDCCC050EC

Tot Ion: 50 Resp: 83371

Ion Ratio Lower Upper

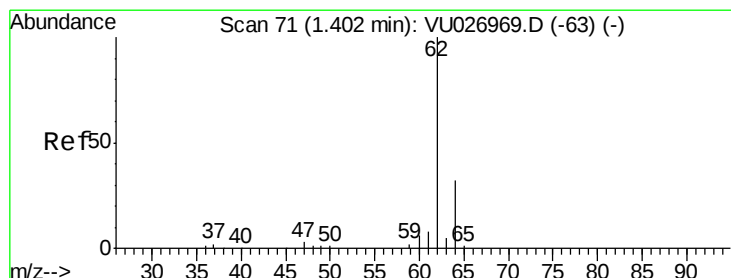
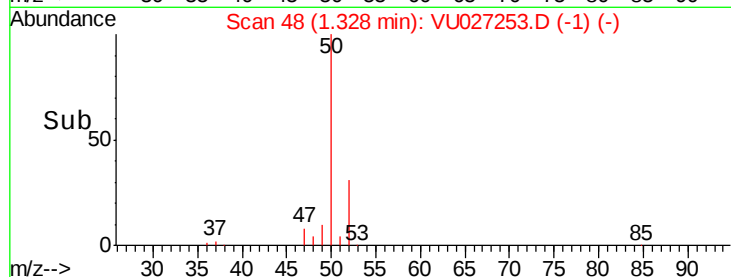
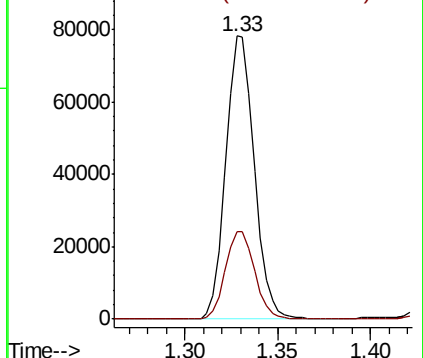
50 100

52 31.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 53.585 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027253.D

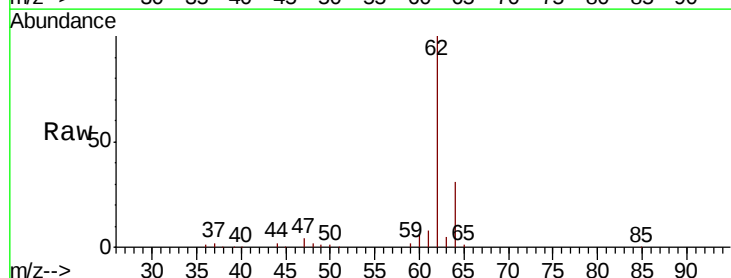
Acq: 28 Sep 2018 02:48

Tgt Ion: 62 Resp: 88426

Ion Ratio Lower Upper

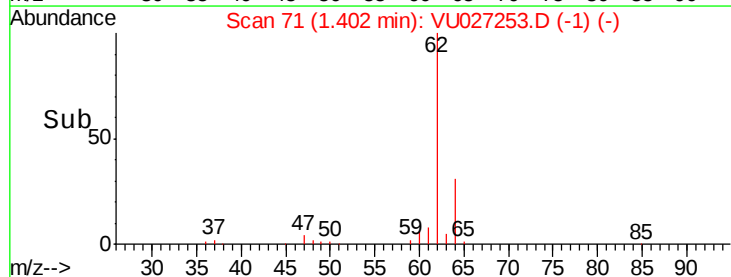
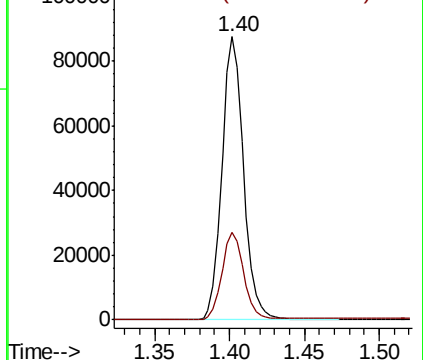
62 100

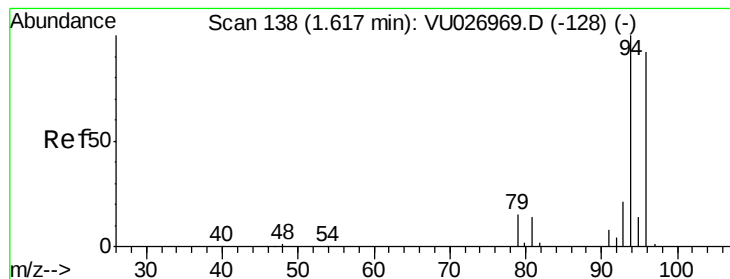
64 30.8 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 69.837 ug/l

RT: 1.61 min Scan# 137

Delta R.T. -0.00 min

Lab File: VU027253.D

Acq: 28 Sep 2018 02:48

Instrument :

MSVOA_U

ClientSampleId :

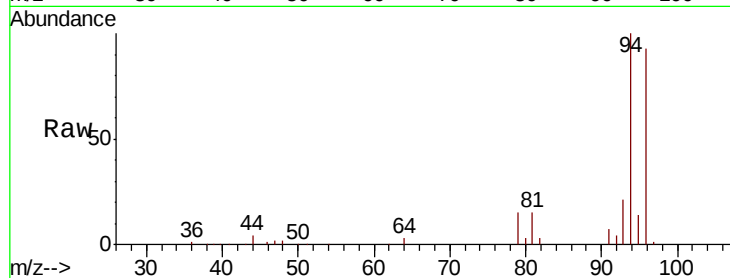
VSTDCCC050EC

Tot Ion: 94 Resp: 65628

Ion Ratio Lower Upper

94 100

96 93.5 73.2 109.8

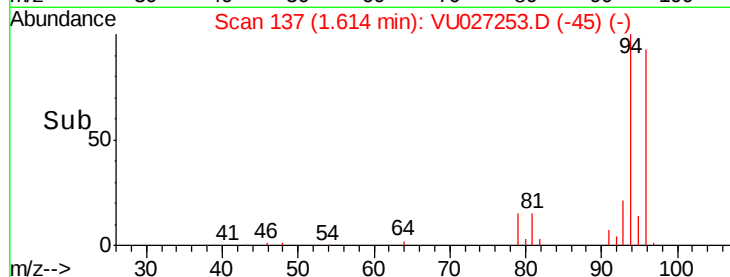


Abundance Ion 93.90 (93.60 to 94.60): VU026969.D (-128) (-)

Ion 95.90 (95.60 to 96.60): VU026969.D (-128) (-)

1.61

Time-->

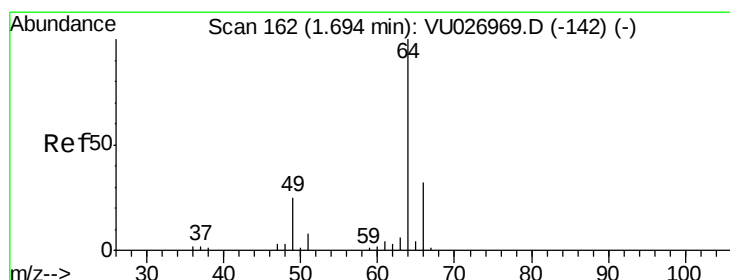


Abundance Ion 93.90 (93.60 to 94.60): VU027253.D (-45) (-)

Ion 95.90 (95.60 to 96.60): VU027253.D (-45) (-)

1.61

Time-->



#6

Chloroethane

Concen: 50.743 ug/l

RT: 1.69 min Scan# 161

Delta R.T. -0.00 min

Lab File: VU027253.D

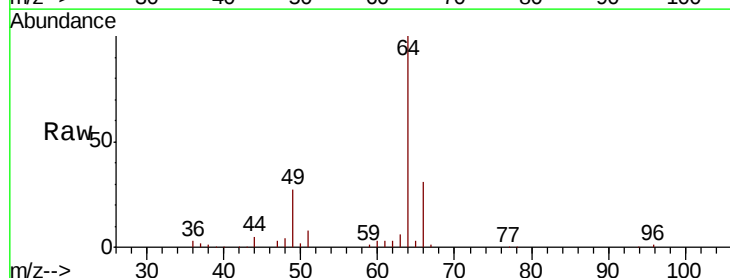
Acq: 28 Sep 2018 02:48

Tgt Ion: 64 Resp: 53503

Ion Ratio Lower Upper

64 100

66 31.7 25.3 37.9

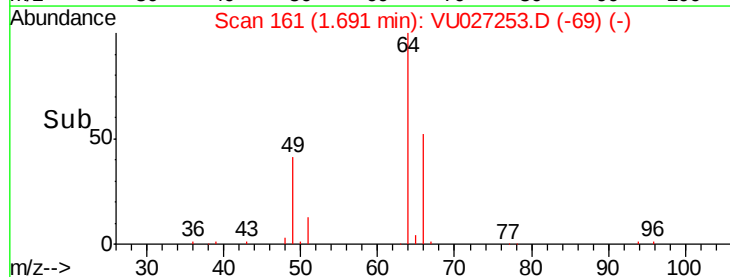


Abundance Ion 63.90 (63.60 to 64.60): VU026969.D (-142) (-)

Ion 65.90 (65.60 to 66.60): VU026969.D (-142) (-)

1.69

Time-->



Abundance Ion 63.90 (63.60 to 64.60): VU027253.D (-69) (-)

Ion 65.90 (65.60 to 66.60): VU027253.D (-69) (-)

1.69

Time-->

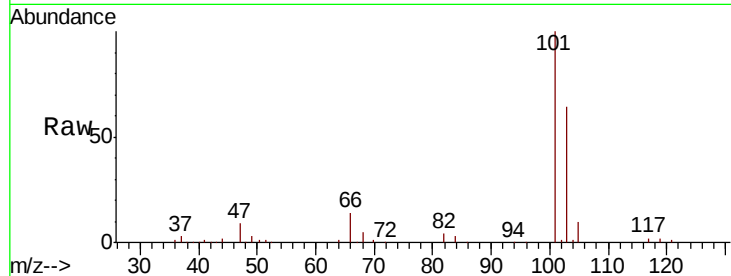


#7

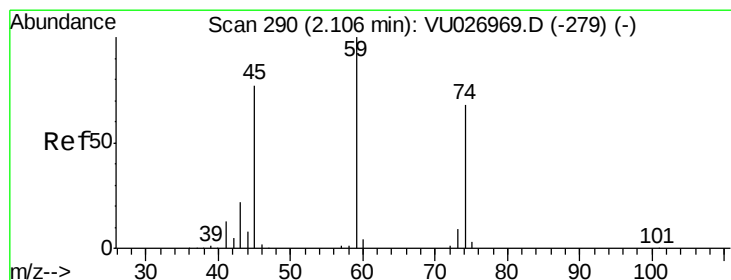
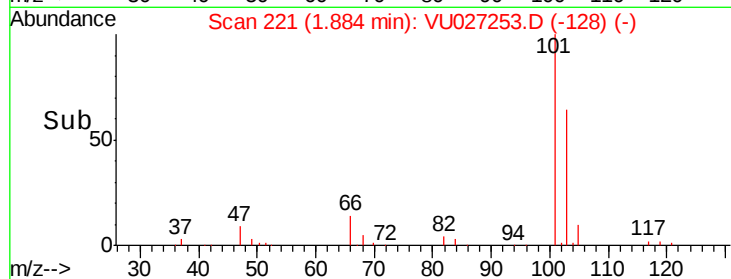
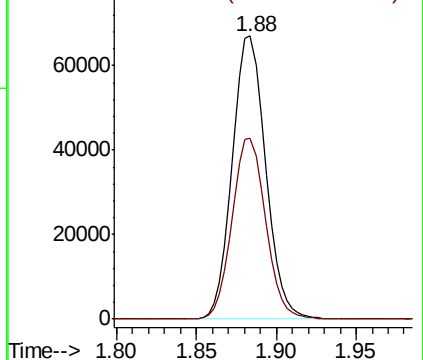
Trichlorofluoromethane
 Concen: 50.787 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VU027253.D
 Acq: 28 Sep 2018 02:48

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tot Ion:101 Resp: 95187
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.2 78.2



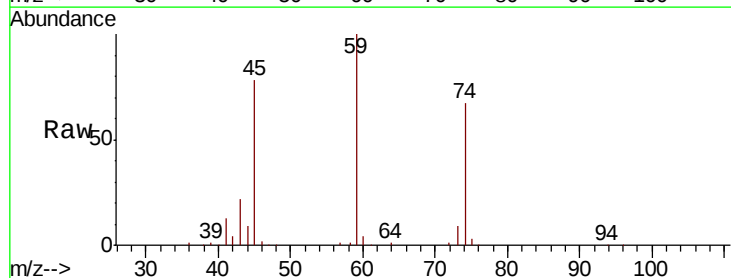
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



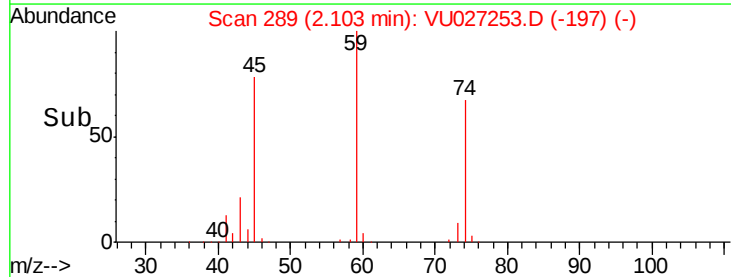
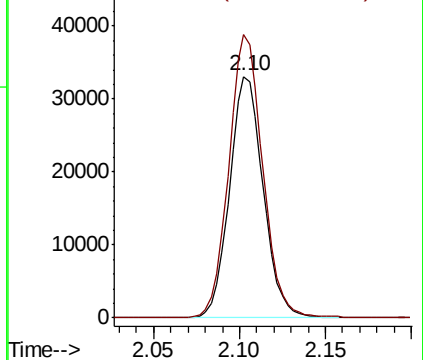
#8

Diethyl Ether
 Concen: 50.088 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU027253.D
 Acq: 28 Sep 2018 02:48

Tgt Ion: 74 Resp: 45186
 Ion Ratio Lower Upper
 74 100
 45 118.4 56.9 170.7



Abundance Ion 74.00 (73.70 to 74.70): VU0
 Ion 45.00 (44.70 to 45.70): VU0

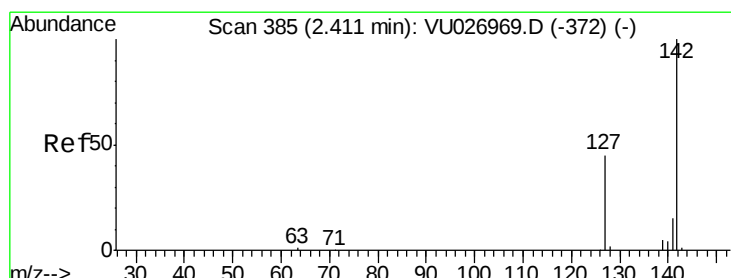
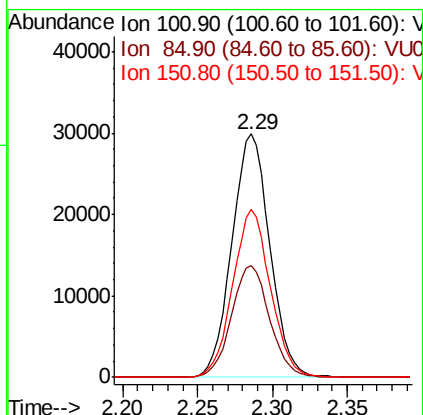
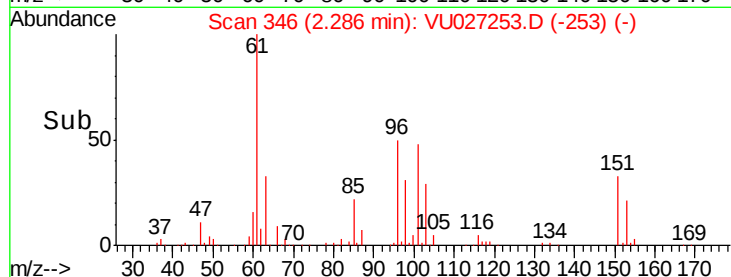
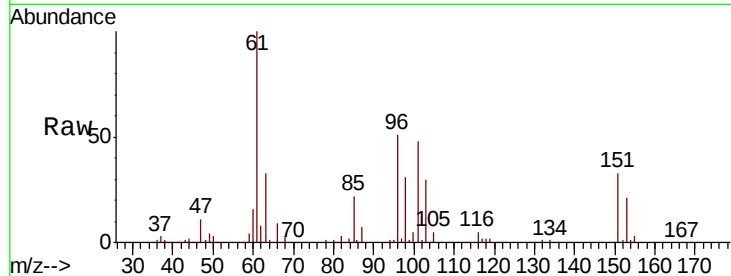




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 45.765 ug/l
 RT: 2.29 min Scan# 346
 Delta R.T. 0.00 min
 Lab File: VU027253.D
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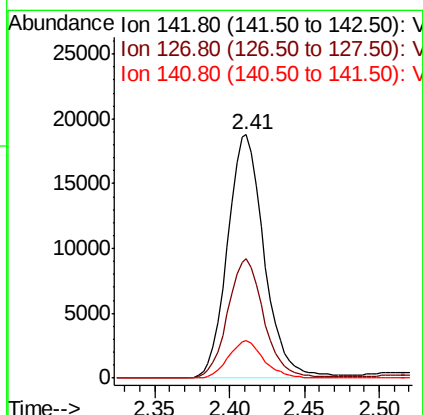
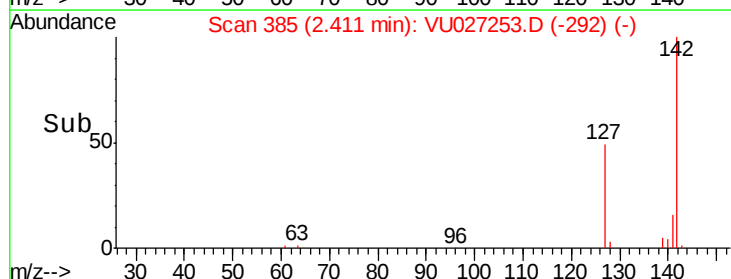
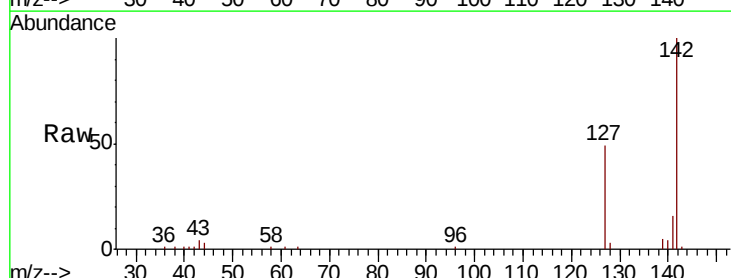
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

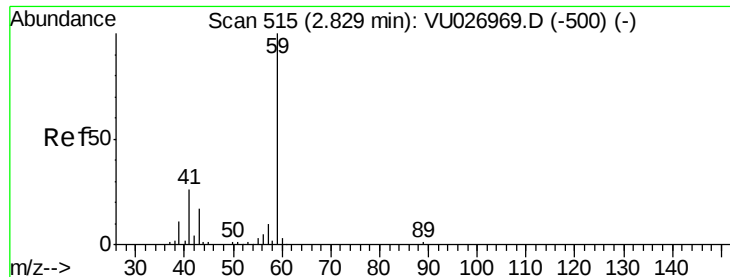
Tot Ion:101 Resp: 52741
 Ion Ratio Lower Upper
 101 100
 85 46.1 36.2 54.2
 151 68.5 54.5 81.7



#10
 Methyl Iodide
 Concen: 22.453 ug/l
 RT: 2.41 min Scan# 385
 Delta R.T. 0.00 min
 Lab File: VU027253.D
 Acq: 28 Sep 2018 02:48

Tgt Ion:142 Resp: 32092
 Ion Ratio Lower Upper
 142 100
 127 48.1 36.7 55.1
 141 14.8 11.8 17.6

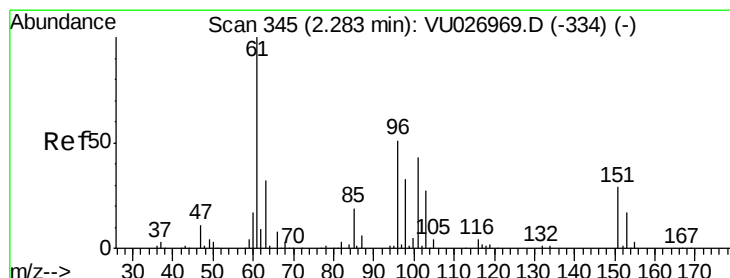
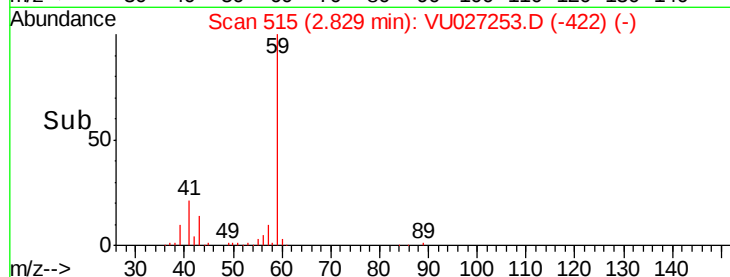
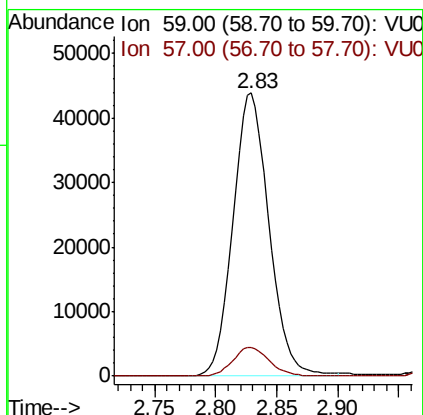
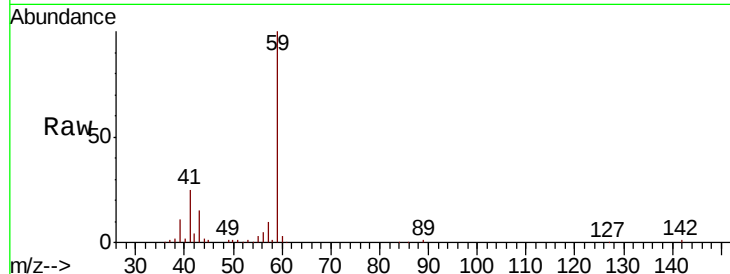




#11
Tert butyl alcohol
Concen: 248.032 ug/l
RT: 2.83 min Scan# 515
Delta R.T. 0.00 min
Lab File: VU027253.D
Acq: 28 Sep 2018 02:48

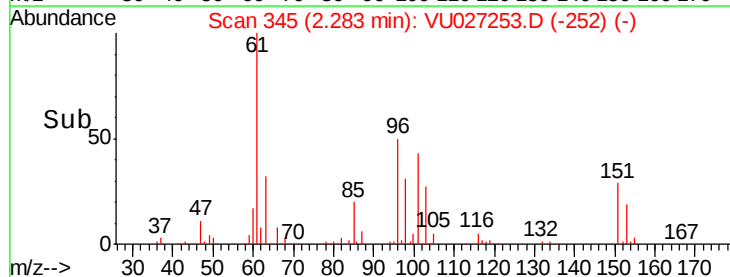
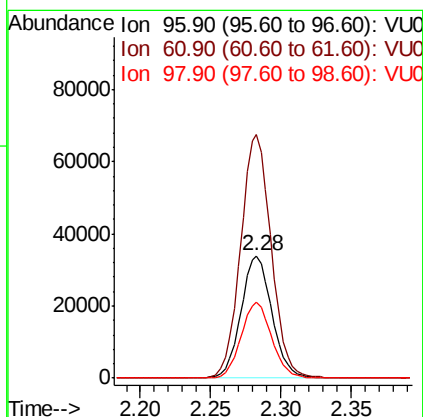
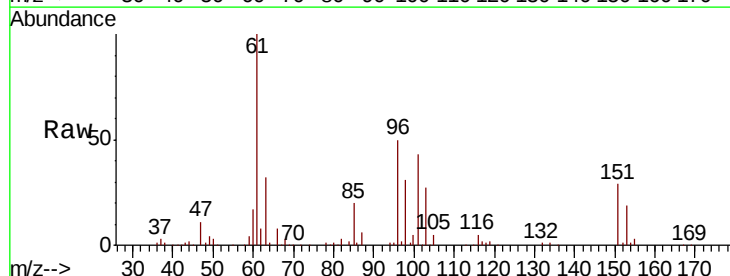
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

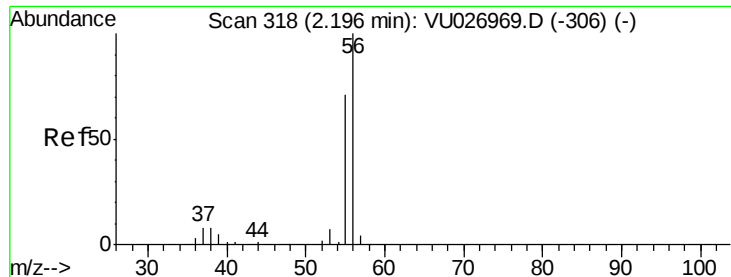
Tot Ion: 59 Resp: 89861
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7



#12
1,1-Dichloroethene
Concen: 48.235 ug/l
RT: 2.28 min Scan# 345
Delta R.T. 0.00 min
Lab File: VU027253.D
Acq: 28 Sep 2018 02:48

Tgt Ion: 96 Resp: 52320
Ion Ratio Lower Upper
96 100
61 199.0 156.1 234.1
98 61.9 51.4 77.0





#13

Acrolein

Concen: 150.552 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU027253.D

Acq: 28 Sep 2018 02:48

Instrument :

MSVOA_U

ClientSampleId :

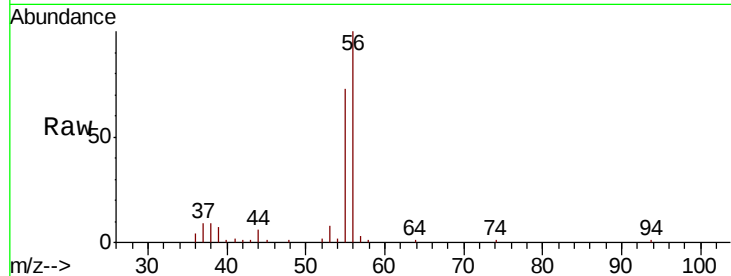
VSTDCCC050EC

Tot Ion: 56 Resp: 29403

Ion Ratio Lower Upper

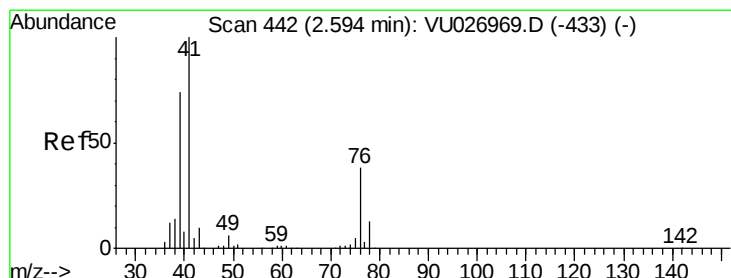
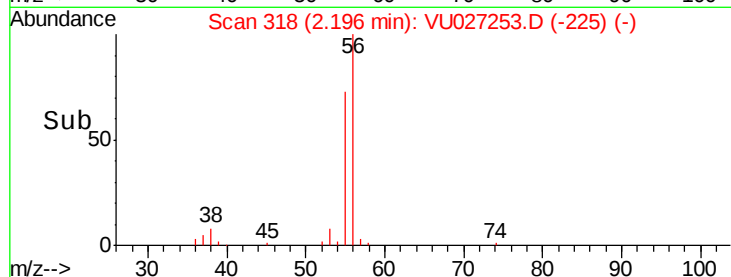
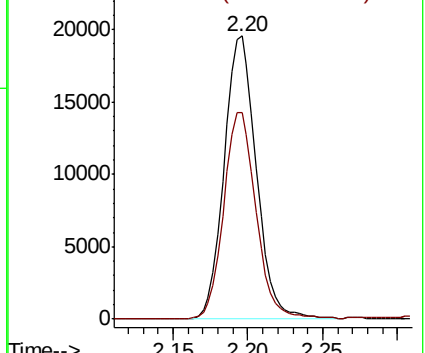
56 100

55 73.4 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 57.044 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027253.D

Acq: 28 Sep 2018 02:48

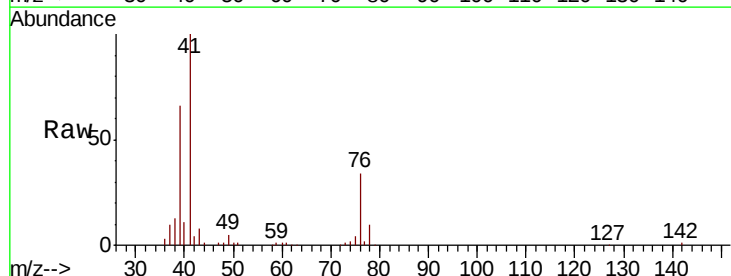
Tgt Ion: 41 Resp: 125497

Ion Ratio Lower Upper

41 100

39 66.3 55.7 83.5

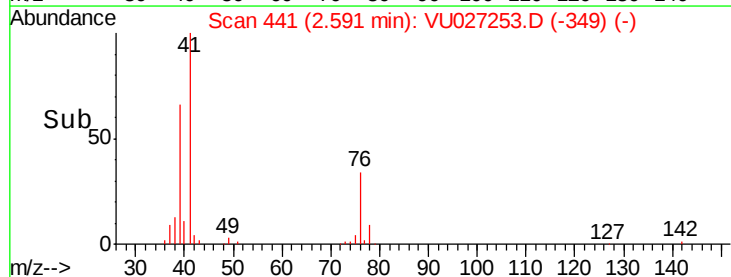
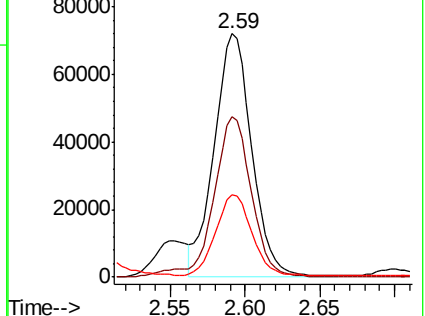
76 32.4 26.5 39.7

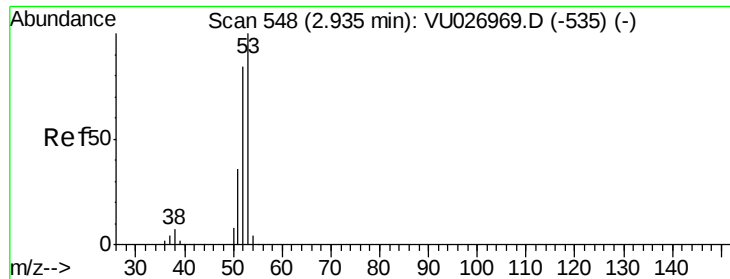


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 279.696 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027253.D

Acq: 28 Sep 2018 02:48

Instrument :

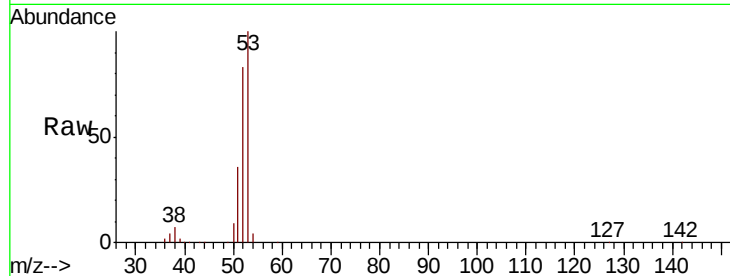
MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 255397

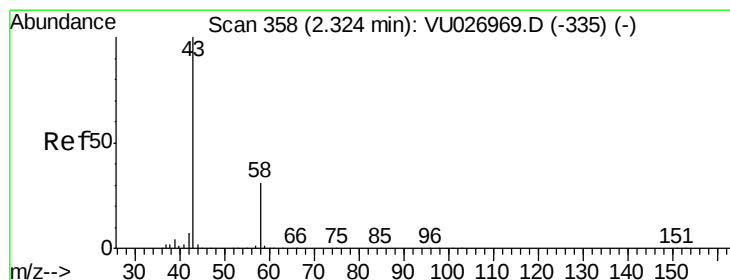
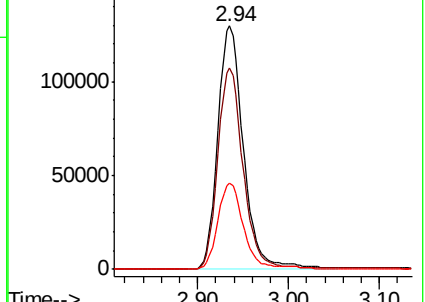
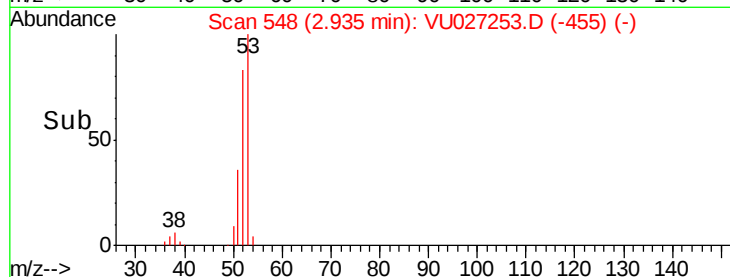
Ion	Ratio	Lower	Upper
53	100		
52	81.5	65.7	98.5
51	36.1	27.4	41.2



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: 251.590 ug/l

RT: 2.32 min Scan# 357

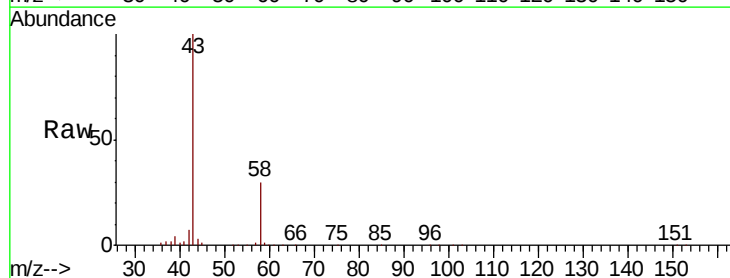
Delta R.T. -0.00 min

Lab File: VU027253.D

Acq: 28 Sep 2018 02:48

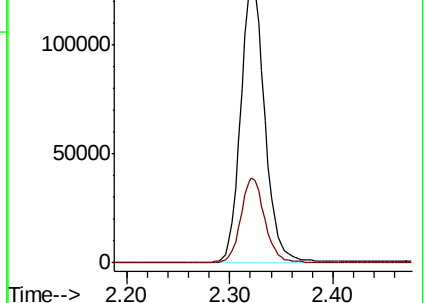
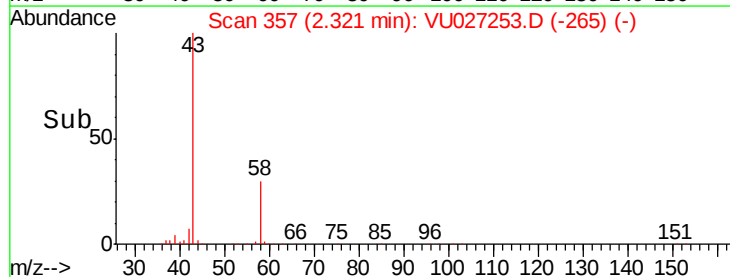
Tgt Ion: 43 Resp: 211153

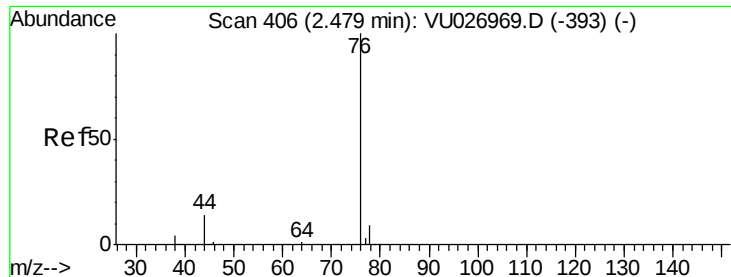
Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.6	36.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

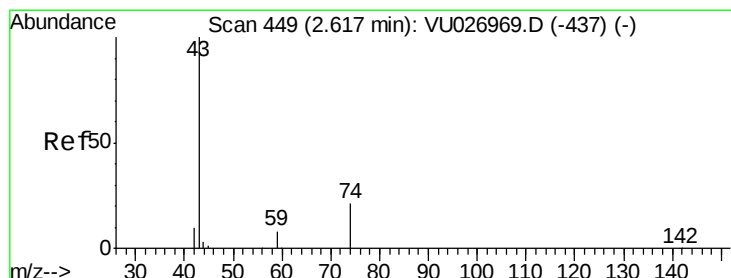
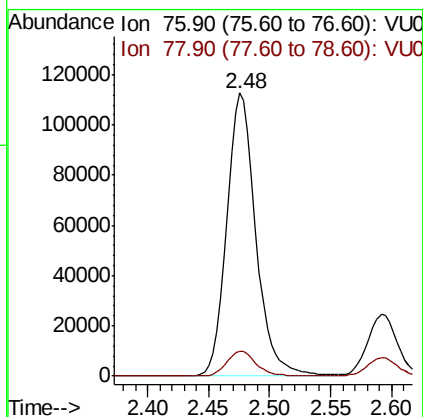
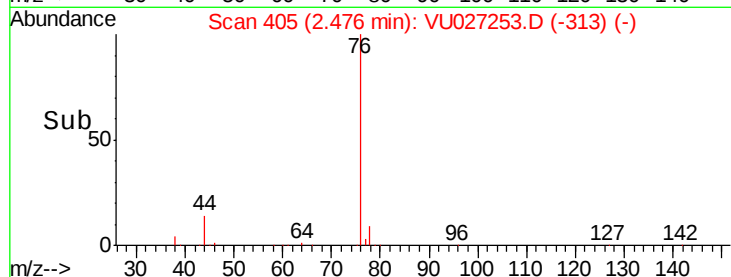
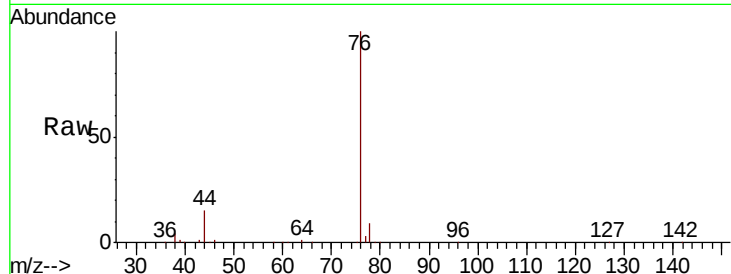




#17
Carbon Disulfide
Concen: 53.485 ug/l
RT: 2.48 min Scan# 405
Delta R.T. -0.00 min
Lab File: VU027253.D
Acq: 28 Sep 2018 02:48

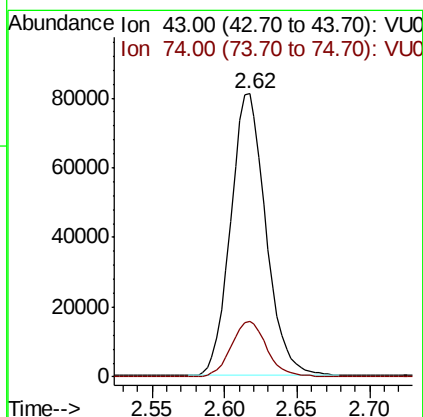
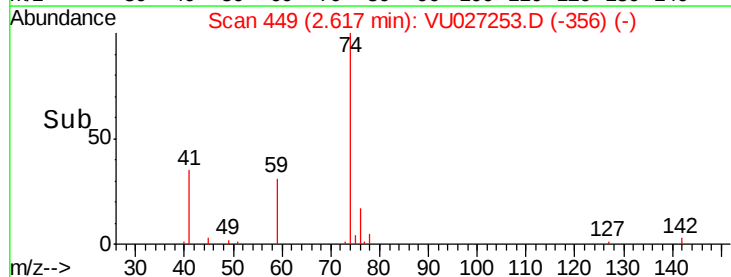
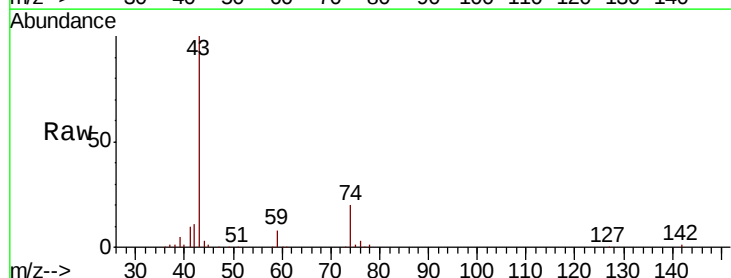
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

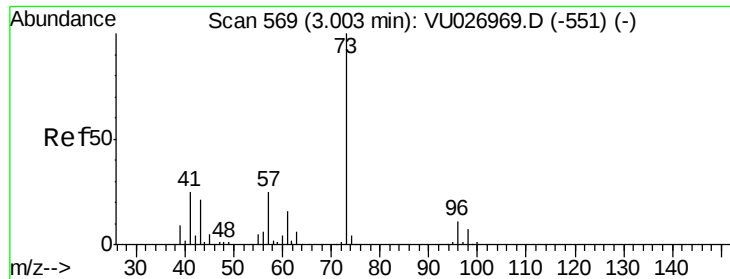
Tot Ion: 76 Resp: 188992
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 60.750 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU027253.D
Acq: 28 Sep 2018 02:48

Tgt Ion: 43 Resp: 136675
Ion Ratio Lower Upper
43 100
74 20.0 16.6 25.0

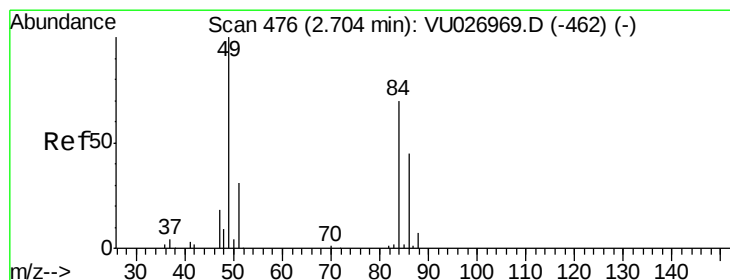
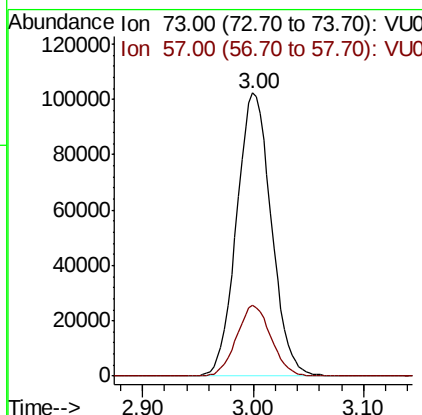
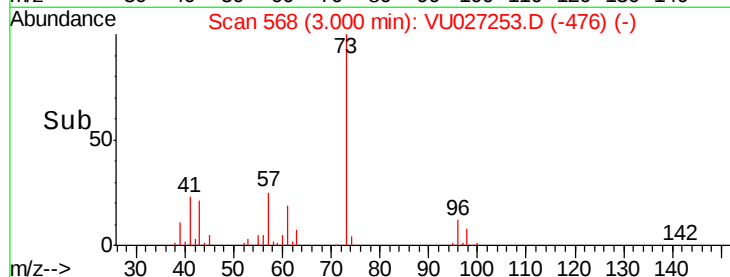
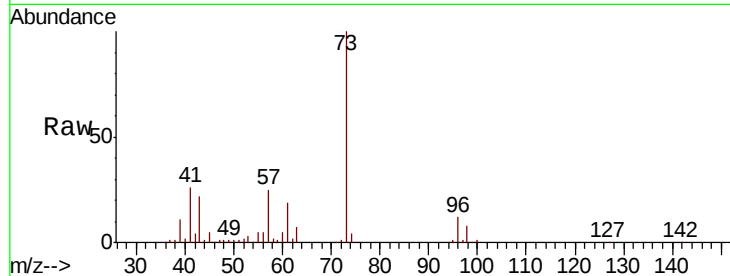




#19
Methyl tert-butyl Ether
Concen: 56.060 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027253.D
Acq: 28 Sep 2018 02:48

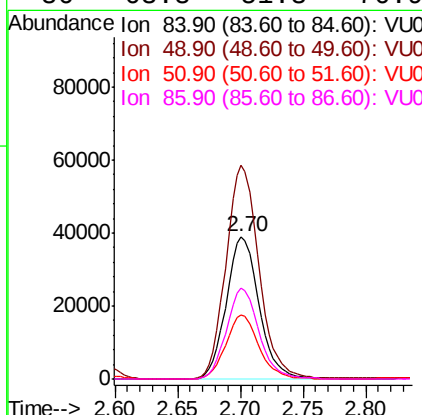
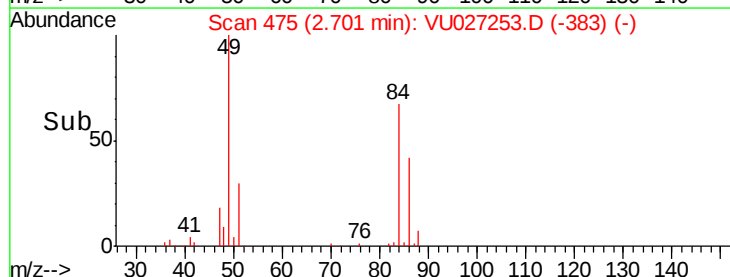
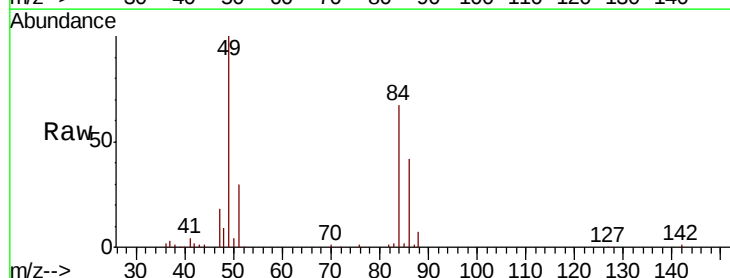
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

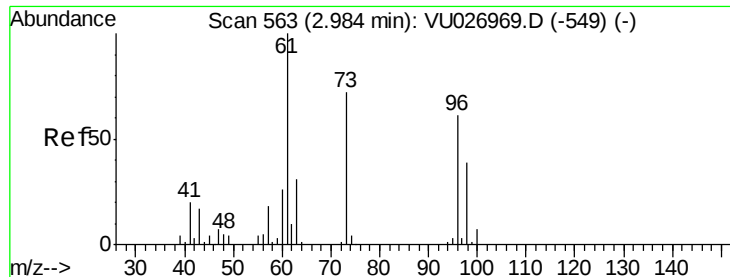
Tot Ion: 73 Resp: 223455
Ion Ratio Lower Upper
73 100
57 24.9 19.8 29.6



#20
Methylene Chloride
Concen: 49.903 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027253.D
Acq: 28 Sep 2018 02:48

Tgt Ion: 84 Resp: 70642
Ion Ratio Lower Upper
84 100
49 150.3 114.9 172.3
51 45.1 35.8 53.8
86 63.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 53.955 ug/l

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU027253.D

Acq: 28 Sep 2018 02:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

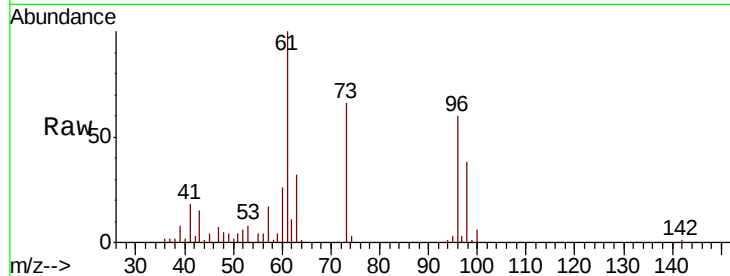
Tot Ion: 96 Resp: 62484

Ion Ratio Lower Upper

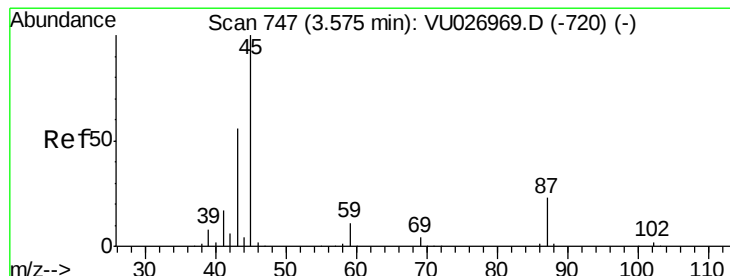
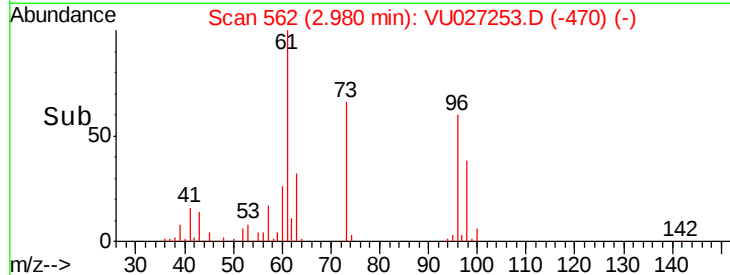
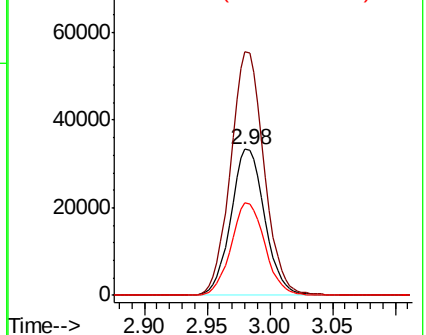
96 100

61 166.8 131.8 197.6

98 63.3 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: 58.794 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027253.D

Acq: 28 Sep 2018 02:48

Tgt Ion: 45 Resp: 276662

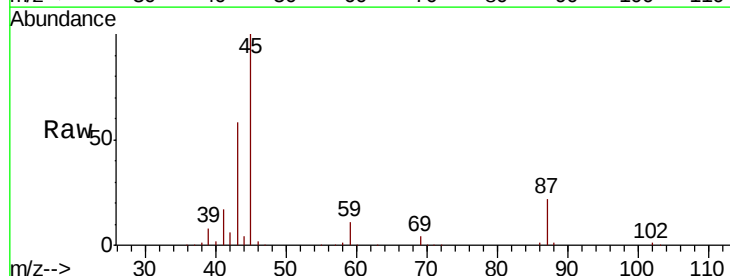
Ion Ratio Lower Upper

45 100

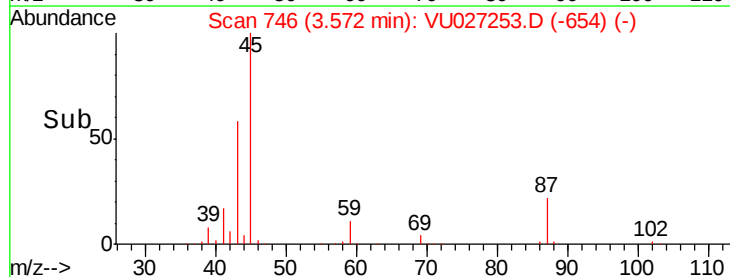
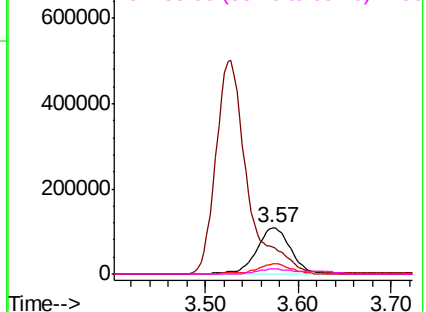
43 57.4 45.8 68.6

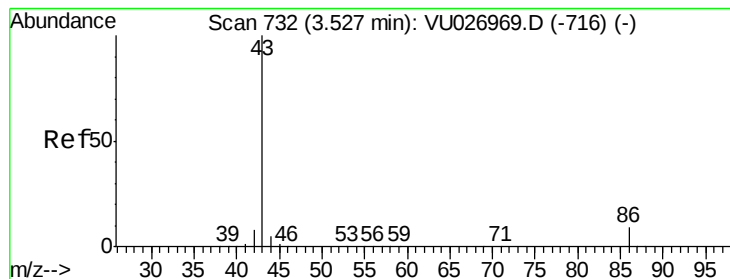
87 21.8 18.6 28.0

59 10.8 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: 297.397 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU027253.D

Acq: 28 Sep 2018 02:48

Instrument :

MSVOA_U

ClientSampleId :

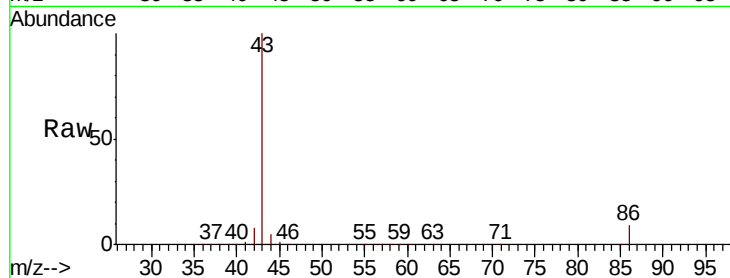
VSTDCCC050EC

Tot Ion: 43 Resp: 1192907

Ion Ratio Lower Upper

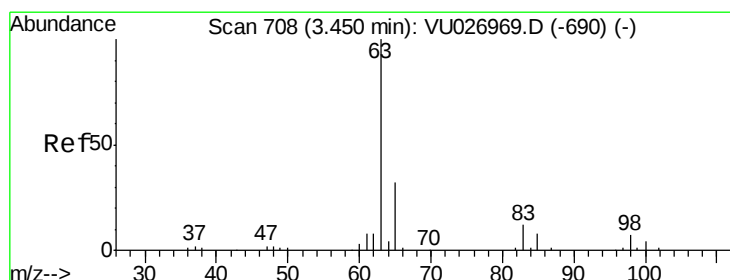
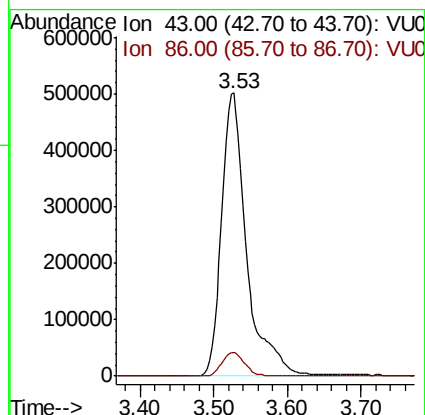
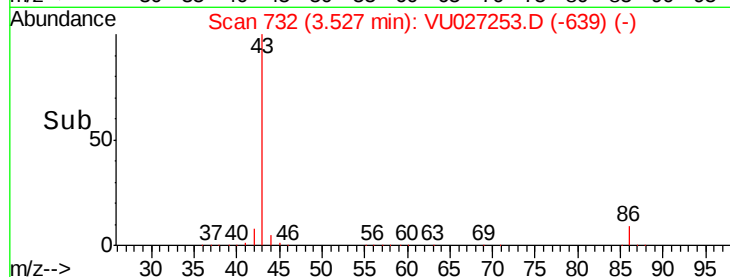
43 100

86 8.5 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VU027253.D (-639) (-)

Ion 86.00 (85.70 to 86.70): VU027253.D (-639) (-)



#24

1,1-Dichloroethane

Concen: 54.571 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027253.D

Acq: 28 Sep 2018 02:48

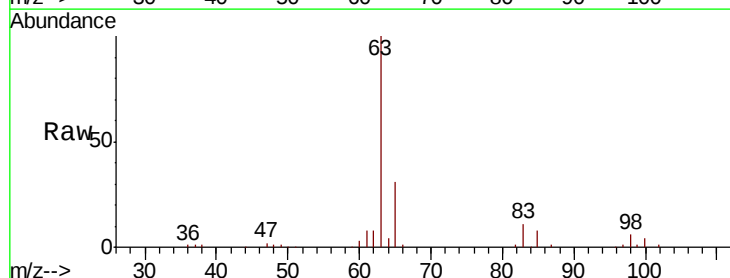
Tgt Ion: 63 Resp: 141430

Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.8

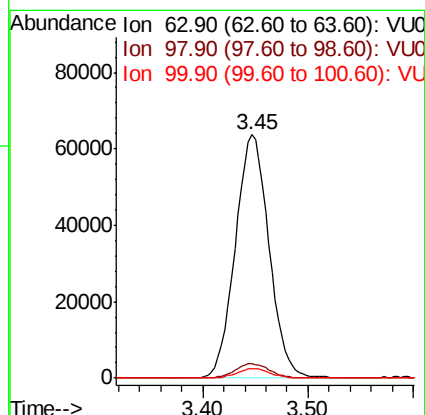
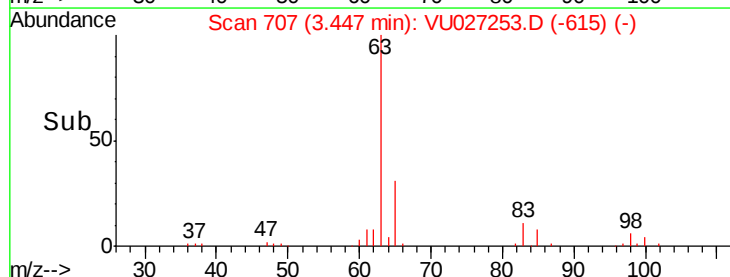
100 3.7 2.0 5.8

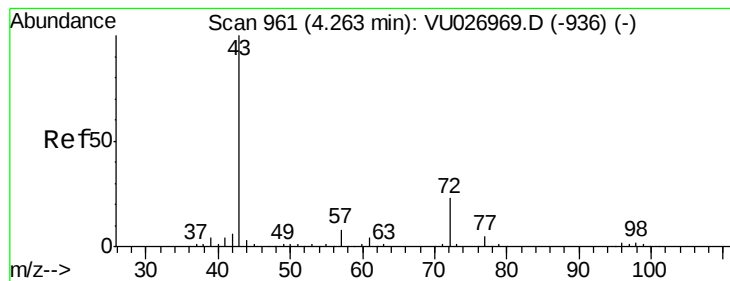


Abundance Ion 62.90 (62.60 to 63.60): VU027253.D (-615) (-)

Ion 97.90 (97.60 to 98.60): VU027253.D (-615) (-)

Ion 99.90 (99.60 to 100.60): VU027253.D (-615) (-)





#25

2-Butanone

Concen: 273.576 ug/l

RT: 4.26 min Scan# 961

Delta R.T. 0.00 min

Lab File: VU027253.D

Acq: 28 Sep 2018 02:48

Instrument :

MSVOA_U

ClientSampleId :

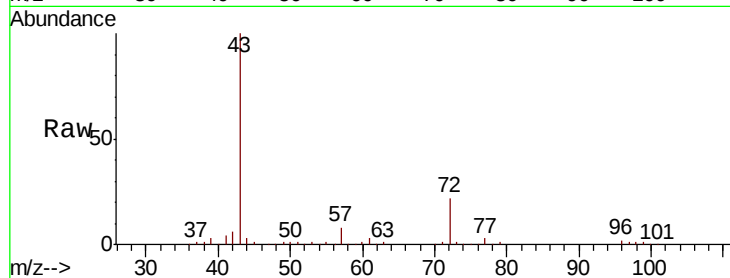
VSTDCCC050EC

Tot Ion: 43 Resp: 363406

Ion Ratio Lower Upper

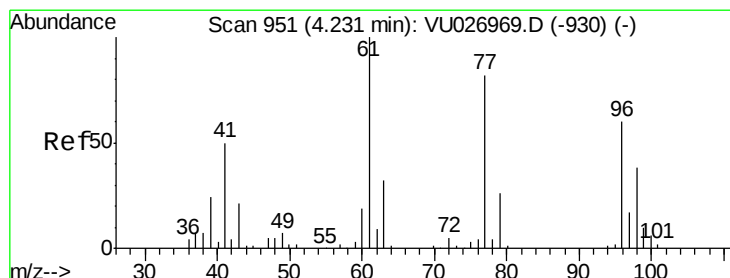
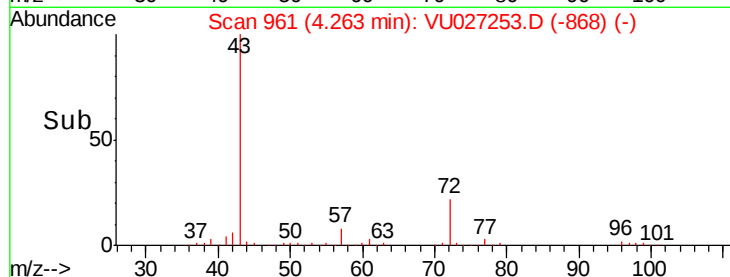
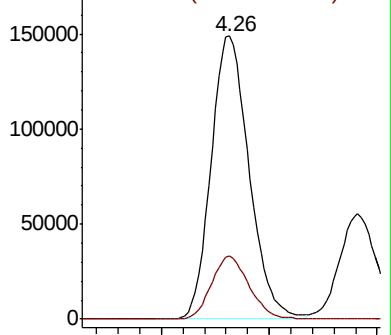
43 100

72 22.3 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: 41.576 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027253.D

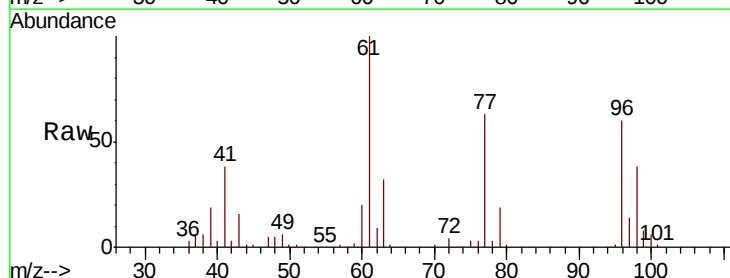
Acq: 28 Sep 2018 02:48

Tgt Ion: 77 Resp: 84032

Ion Ratio Lower Upper

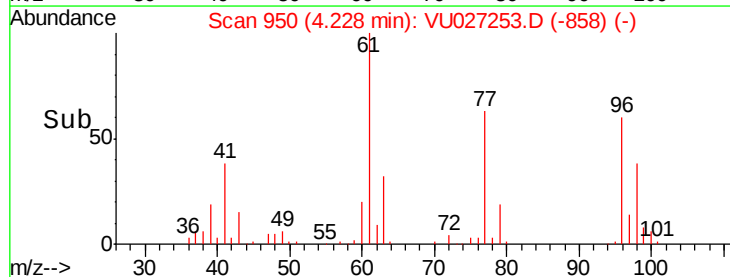
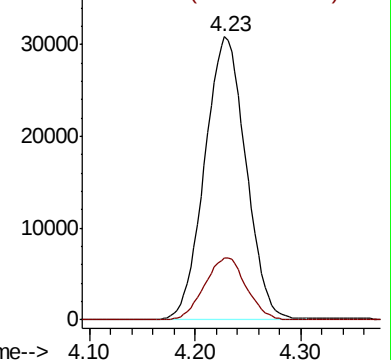
77 100

97 22.0 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0



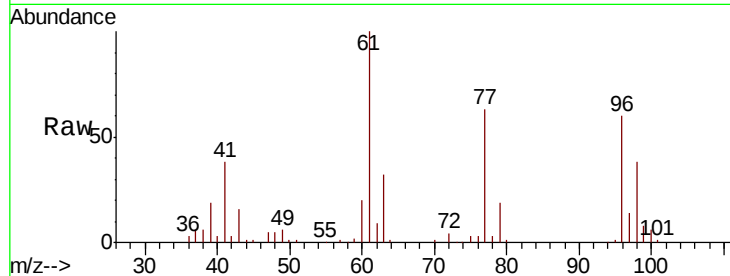


#27

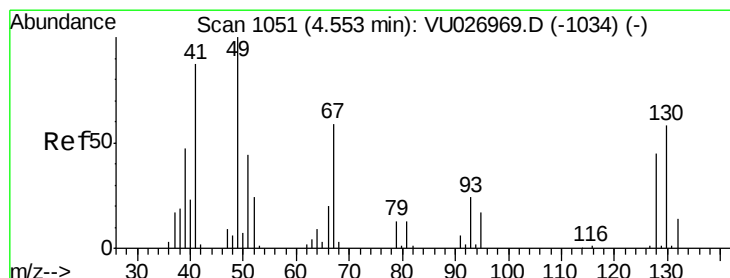
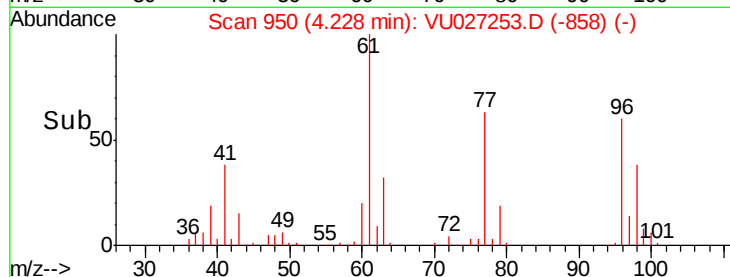
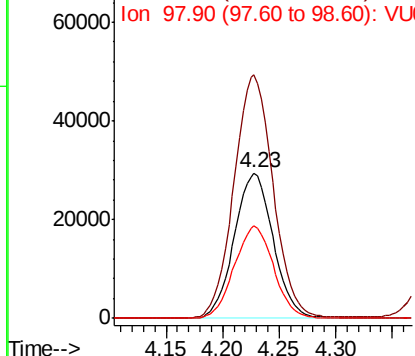
cis-1,2-Dichloroethene
 Concen: 53.863 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU027253.D
 Acq: 28 Sep 2018 02:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 70445
 Ion Ratio Lower Upper
 96 100
 61 169.1 0.0 337.2
 98 64.3 0.0 127.6



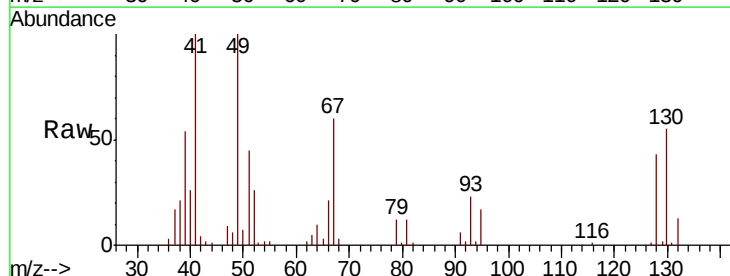
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



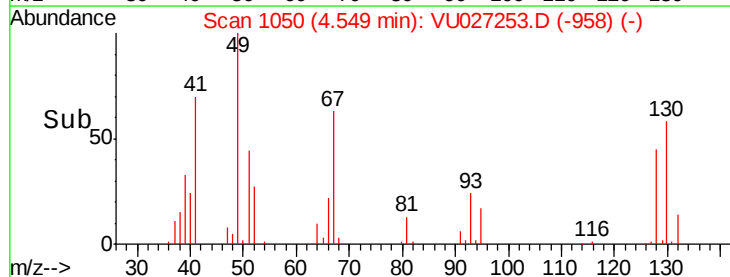
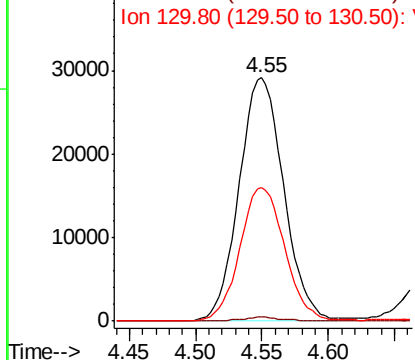
#28

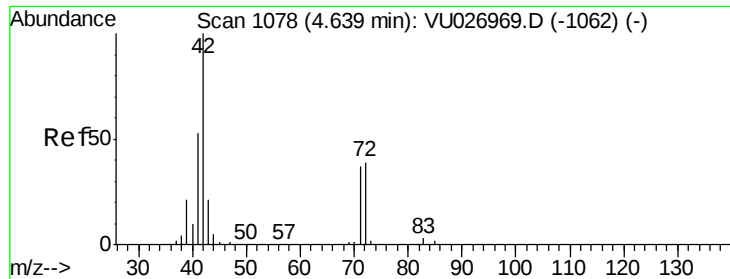
Bromochloromethane
 Concen: 54.627 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU027253.D
 Acq: 28 Sep 2018 02:48

Tgt Ion: 49 Resp: 68246
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.0
 130 55.3 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: 294.343 ug/l

RT: 4.64 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VU027253.D

Acq: 28 Sep 2018 02:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

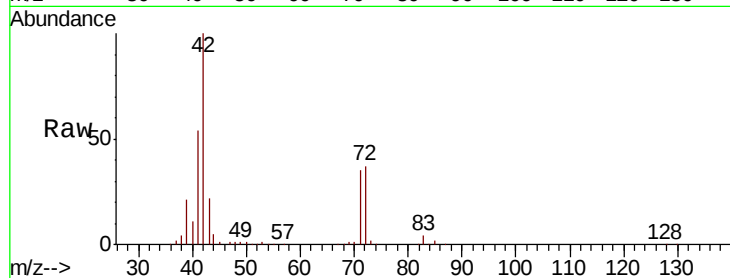
Tot Ion: 42 Resp: 236524

Ion Ratio Lower Upper

42 100

72 37.6 31.7 47.5

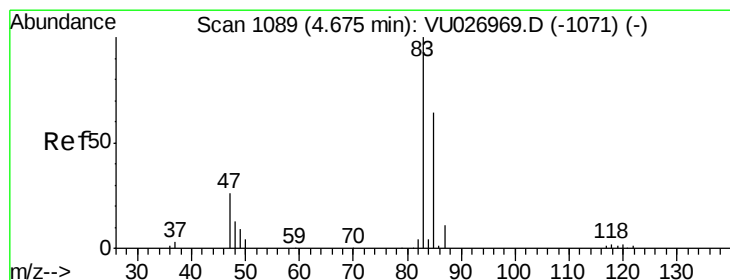
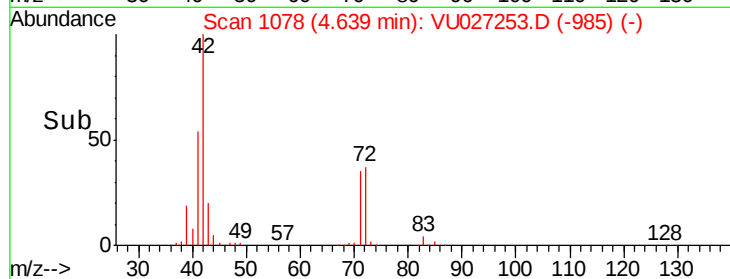
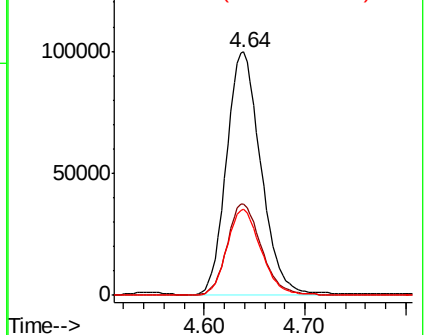
71 35.3 29.6 44.4



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#30

Chloroform

Concen: 52.501 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VU027253.D

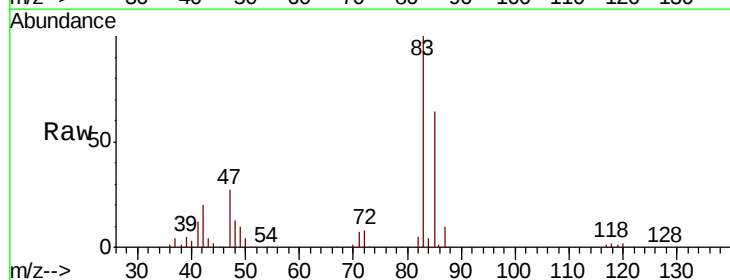
Acq: 28 Sep 2018 02:48

Tgt Ion: 83 Resp: 126301

Ion Ratio Lower Upper

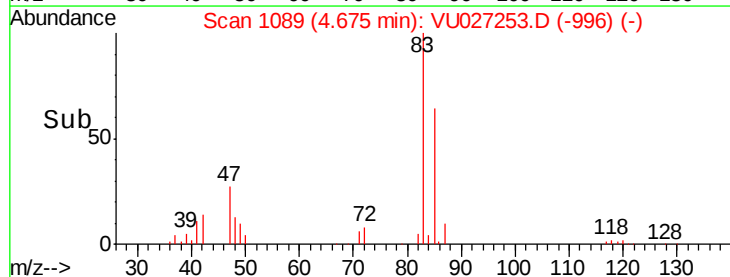
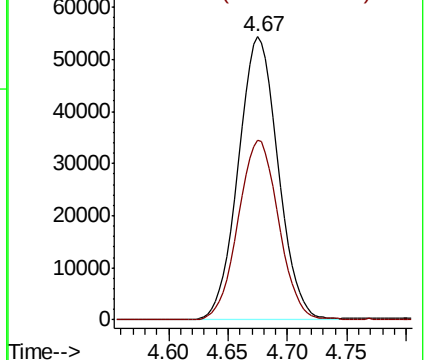
83 100

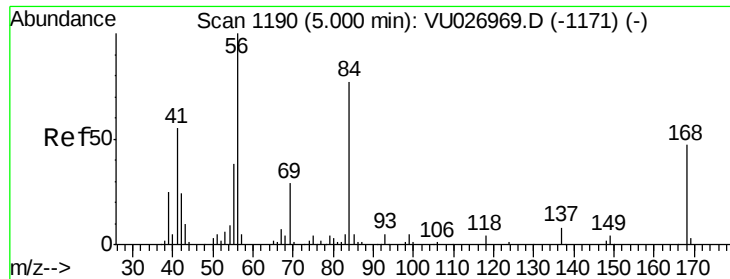
85 63.6 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

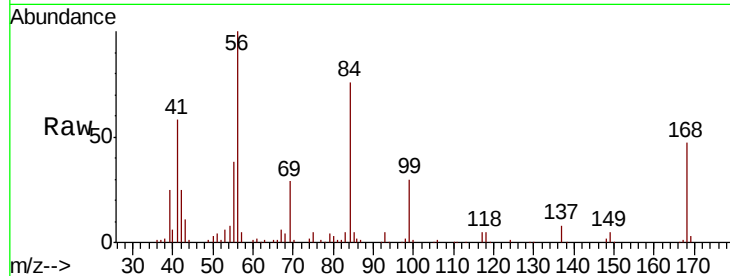




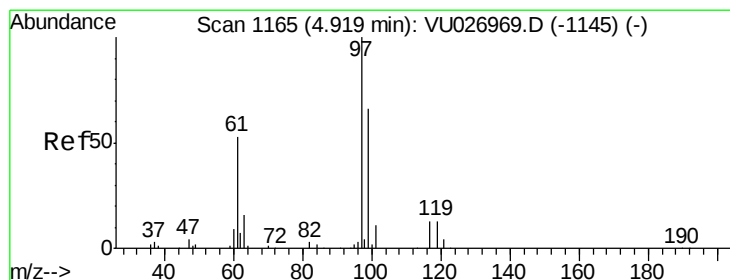
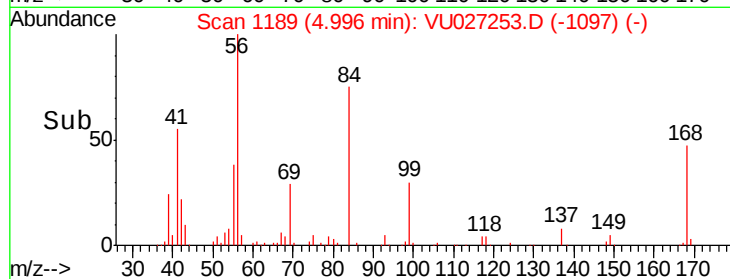
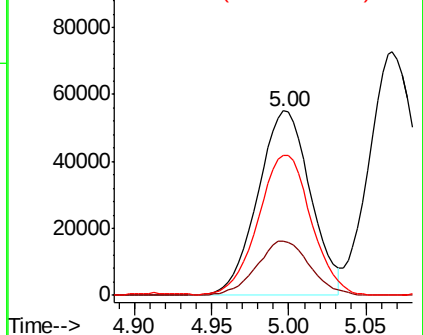
#31
Cyclohexane
Concen: 55.514 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027253.D
Acq: 28 Sep 2018 02:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 130634
Ion Ratio Lower Upper
56 100
69 29.3 23.0 34.4
84 75.5 61.4 92.2

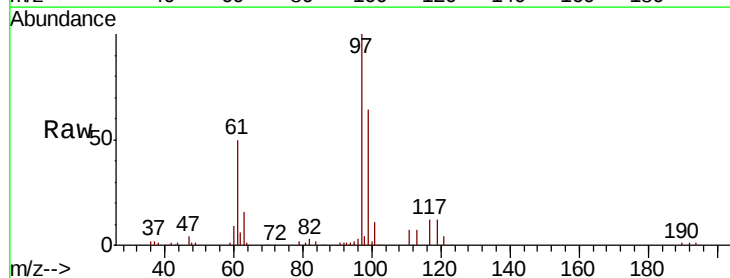


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

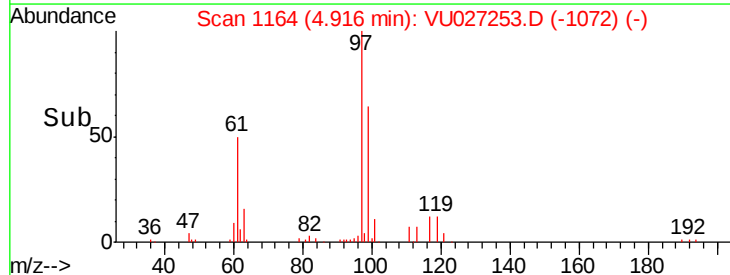
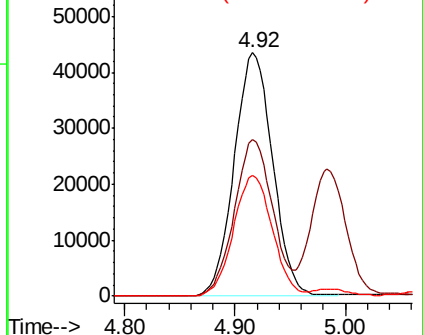


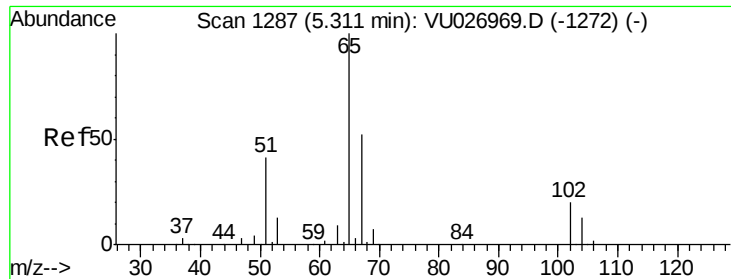
#32
1,1,1-Trichloroethane
Concen: 54.774 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027253.D
Acq: 28 Sep 2018 02:48

Tgt Ion: 97 Resp: 105207
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 50.1 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

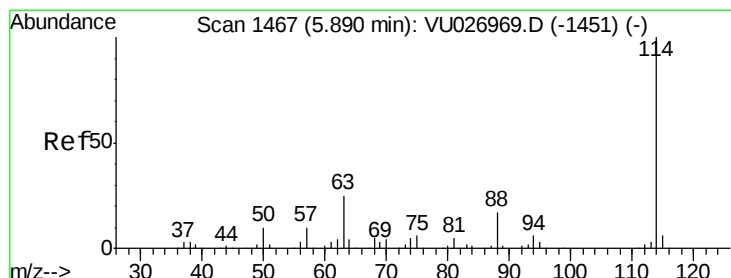
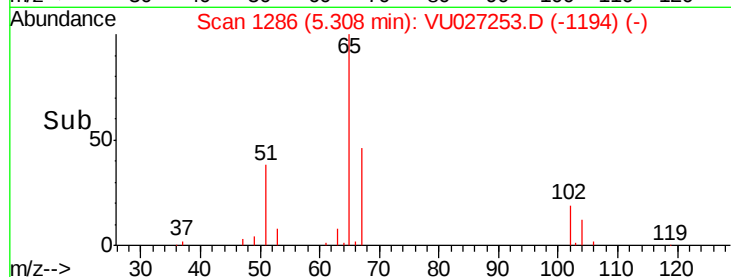
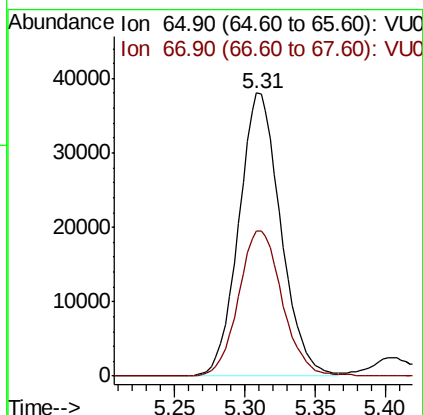
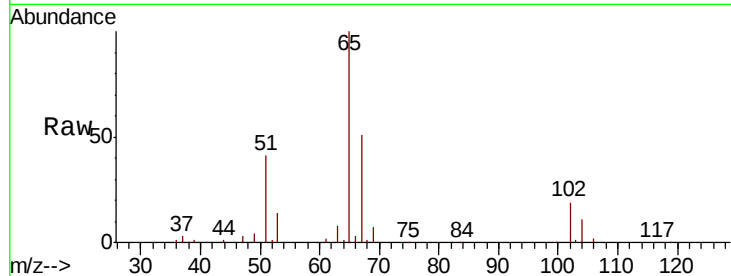




#33
 1,2-Dichloroethane-d4
 Concen: 50.095 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU027253.D
 Acq: 28 Sep 2018 02:48

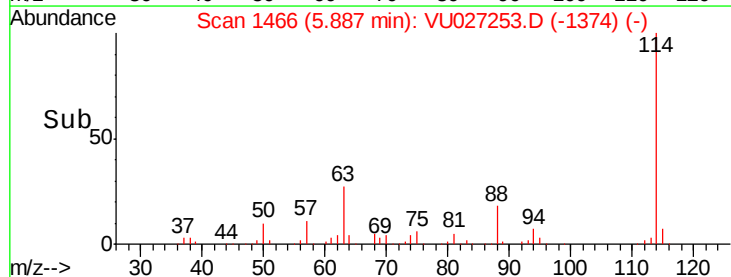
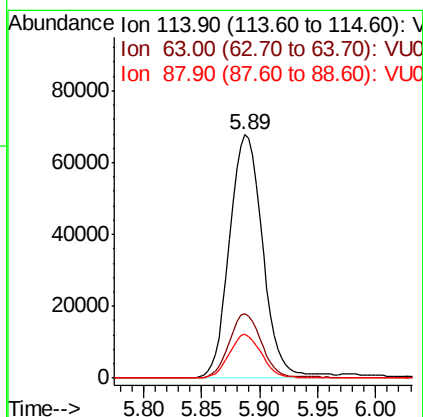
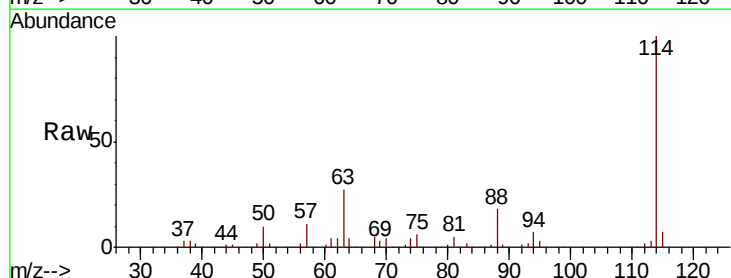
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 79183
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027253.D
 Acq: 28 Sep 2018 02:48

Tgt Ion: 114 Resp: 135416
 Ion Ratio Lower Upper
 114 100
 63 26.7 0.0 49.2
 88 17.8 0.0 33.8

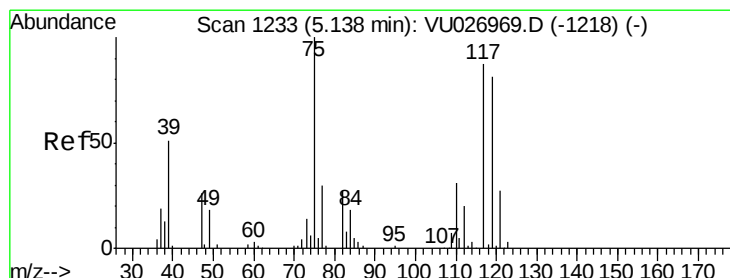
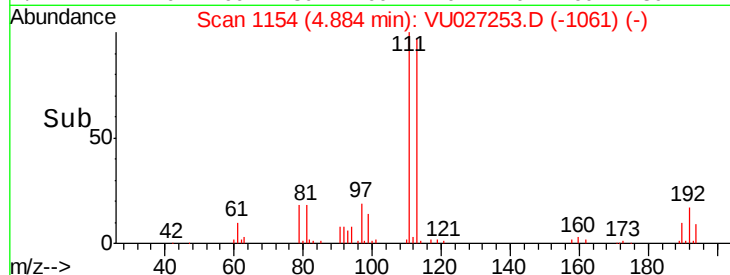
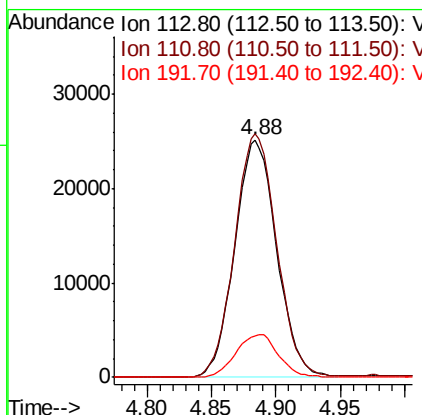
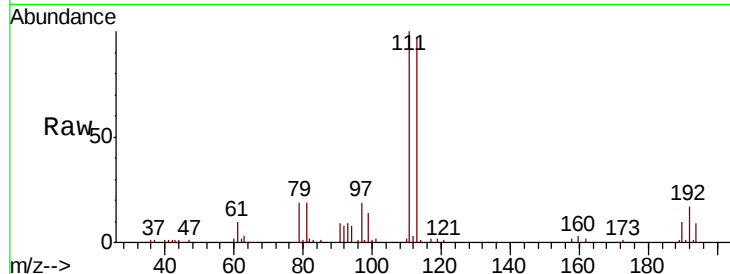




#35
 Dibromofluoromethane
 Concen: 48.486 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027253.D
 Acq: 28 Sep 2018 02:48

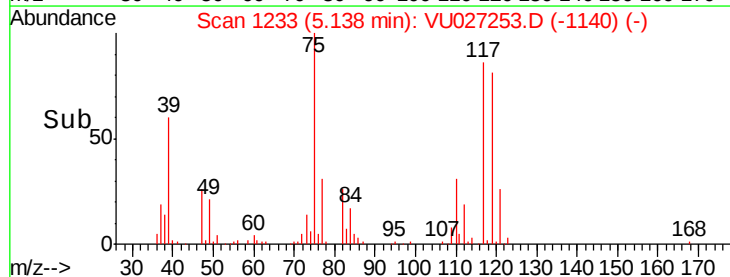
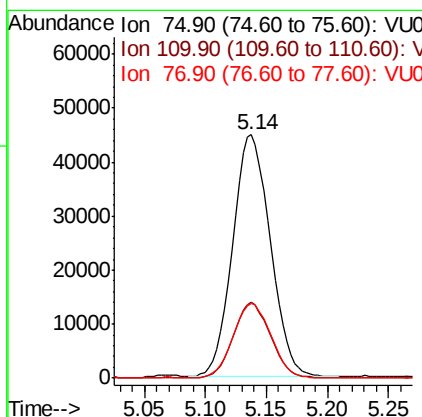
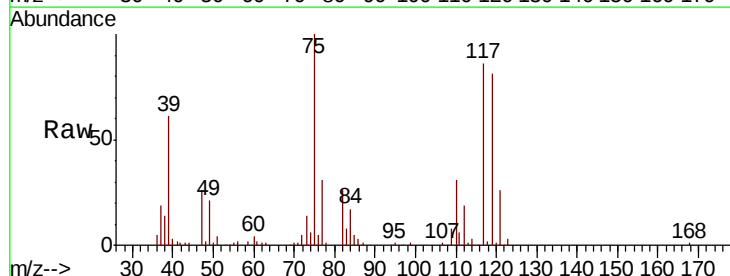
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

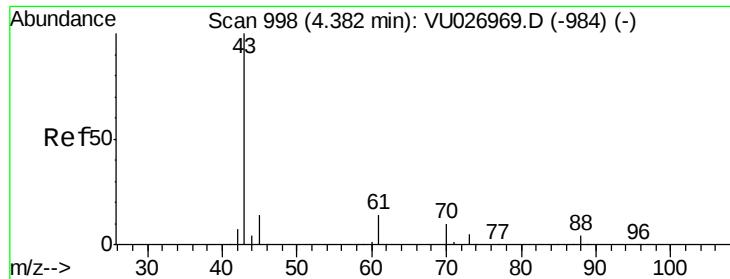
Tot Ion:113 Resp: 56912
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.2 123.4
 192 18.2 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 53.012 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU027253.D
 Acq: 28 Sep 2018 02:48

Tgt Ion: 75 Resp: 95807
 Ion Ratio Lower Upper
 75 100
 110 31.0 16.1 48.2
 77 30.5 24.6 36.8





#37

Ethyl Acetate

Concen: 53.331 ug/l

RT: 4.38 min Scan# 998

Delta R.T. 0.00 min

Lab File: VU027253.D

Acq: 28 Sep 2018 02:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

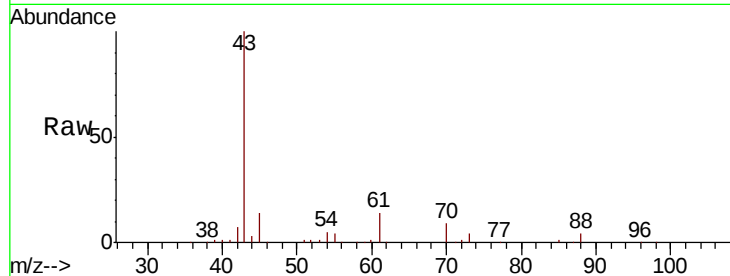
Tot Ion: 43 Resp: 130479

Ion Ratio Lower Upper

43 100

61 12.8 10.5 15.7

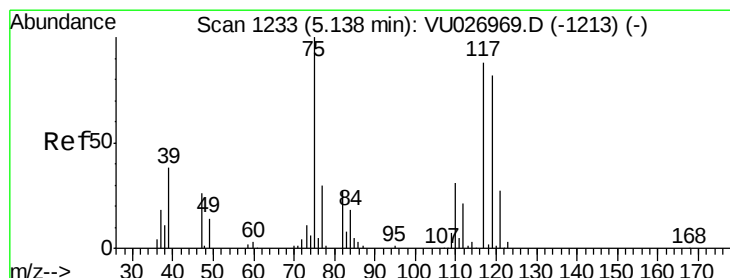
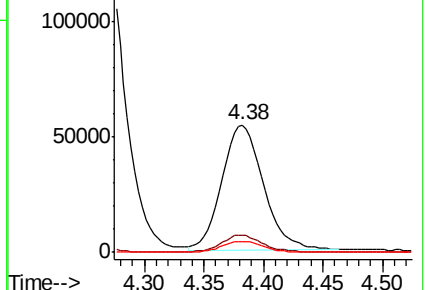
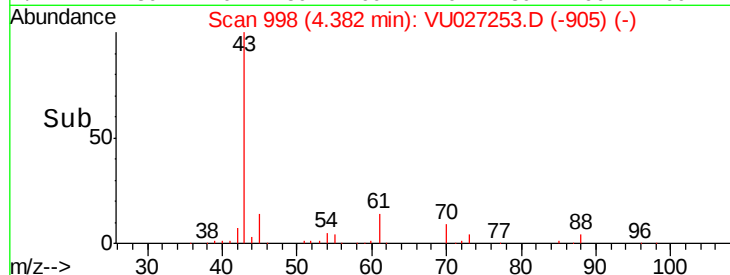
70 8.9 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VU027253.D (-905) (-)

Ion 60.90 (60.60 to 61.60): VU027253.D (-905) (-)

Ion 70.00 (69.70 to 70.70): VU027253.D (-905) (-)



#38

Carbon Tetrachloride

Concen: 51.703 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU027253.D

Acq: 28 Sep 2018 02:48

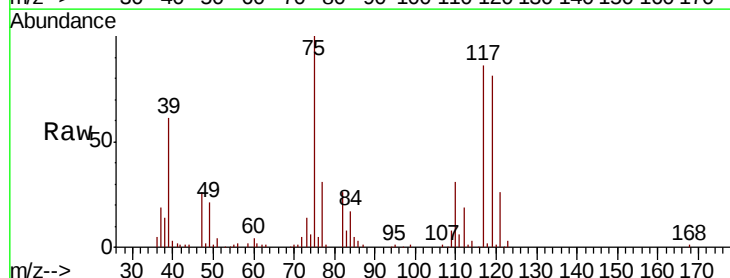
Tgt Ion: 117 Resp: 88922

Ion Ratio Lower Upper

117 100

119 94.3 74.4 111.6

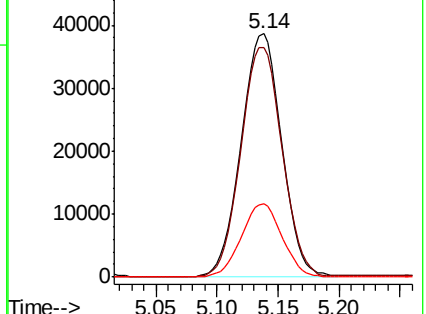
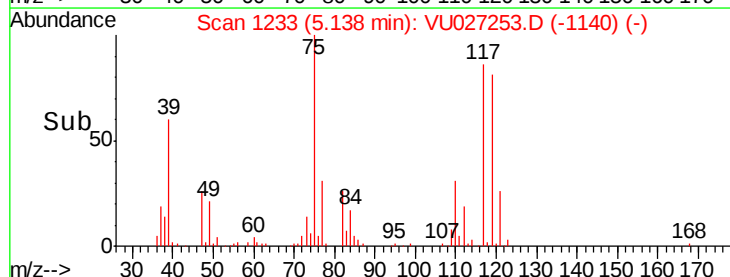
121 30.0 24.2 36.4

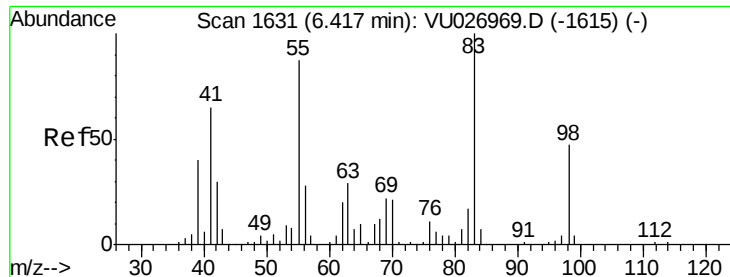


Abundance Ion 116.80 (116.50 to 117.50): VU027253.D (-1140) (-)

Ion 118.80 (118.50 to 119.50): VU027253.D (-1140) (-)

Ion 120.80 (120.50 to 121.50): VU027253.D (-1140) (-)

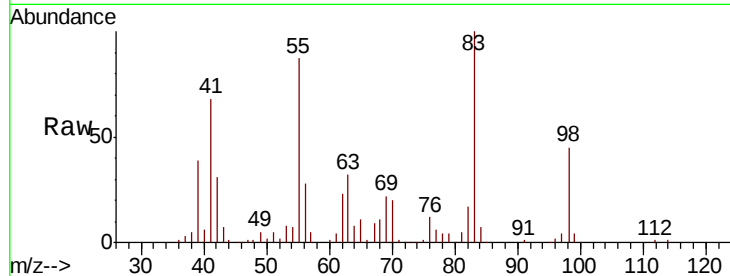




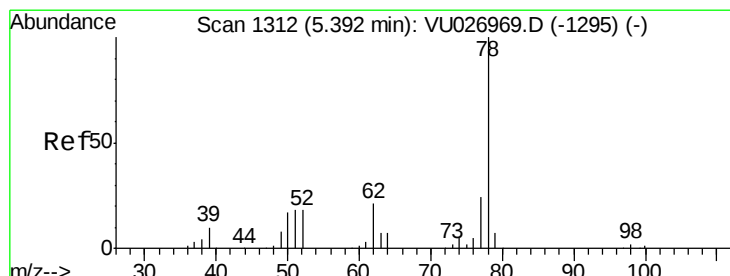
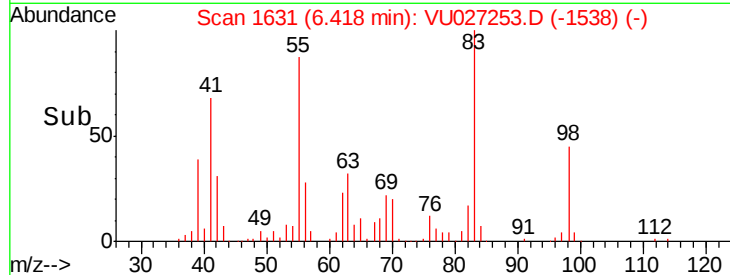
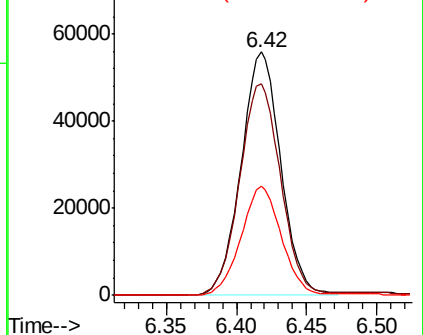
#39
Methvlcvclohexane
Concen: 56.182 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027253.D
Acq: 28 Sep 2018 02:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 110342
Ion Ratio Lower Upper
83 100
55 87.1 69.9 104.9
98 44.9 37.5 56.3

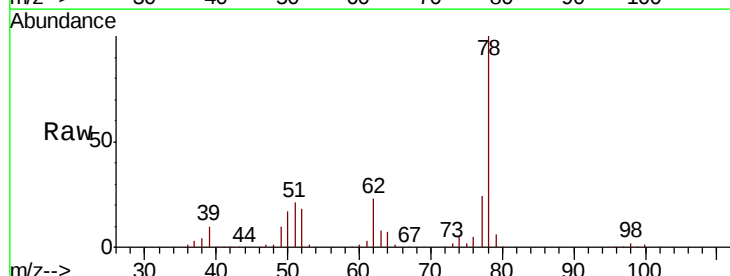


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

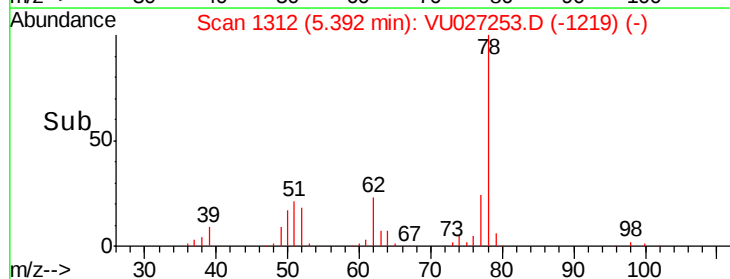
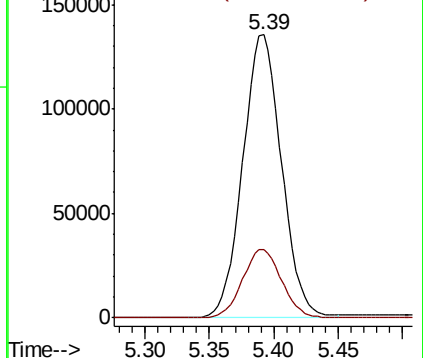


#40
Benzene
Concen: 51.778 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027253.D
Acq: 28 Sep 2018 02:48

Tgt Ion: 78 Resp: 284474
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.0



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

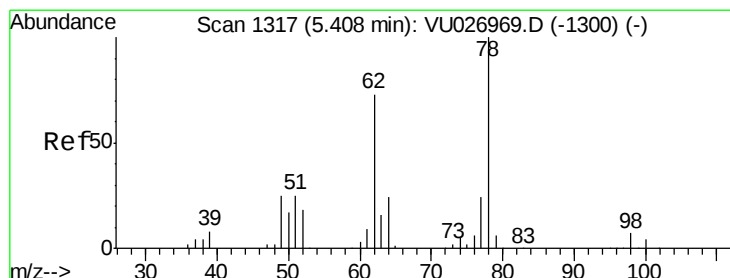
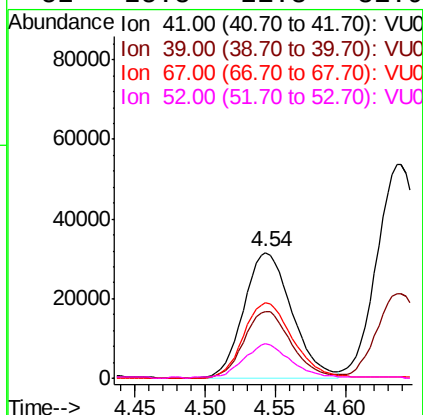
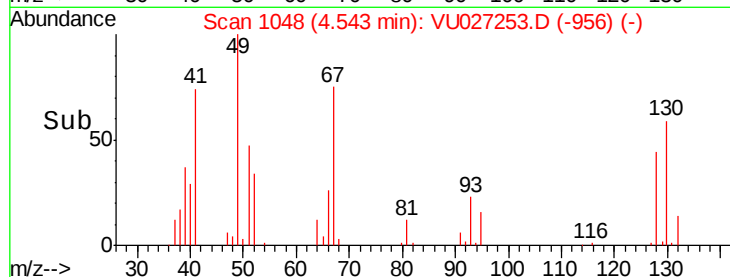
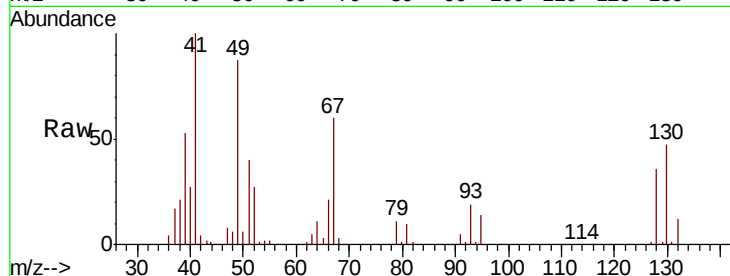




#41
Methacrylonitrile
Concen: 59.418 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027253.D
Acq: 28 Sep 2018 02:48

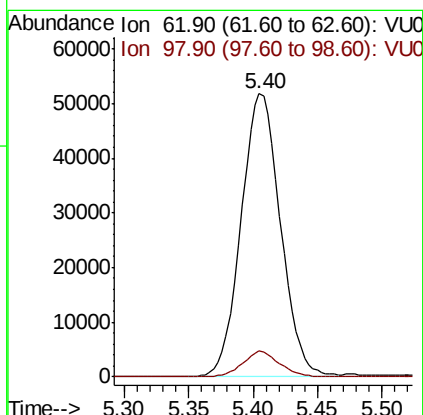
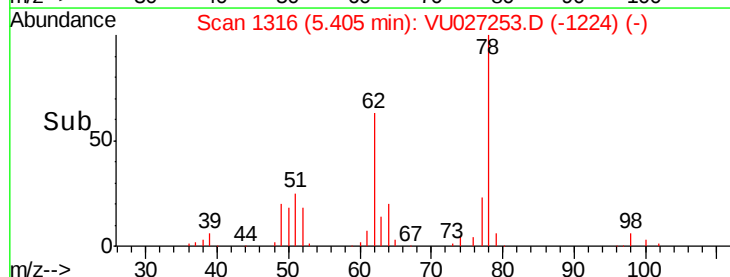
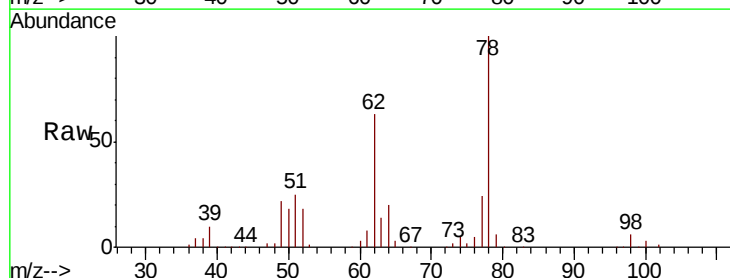
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 75498
Ion Ratio Lower Upper
41 100
39 51.6 42.9 64.3
67 61.5 52.4 78.6
52 25.8 21.3 31.9



#42
1,2-Dichloroethane
Concen: 53.059 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027253.D
Acq: 28 Sep 2018 02:48

Tgt Ion: 62 Resp: 110137
Ion Ratio Lower Upper
62 100
98 8.5 0.0 17.0





#43

Isopropyl Acetate

Concen: 56.655 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027253.D

Acq: 28 Sep 2018 02:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

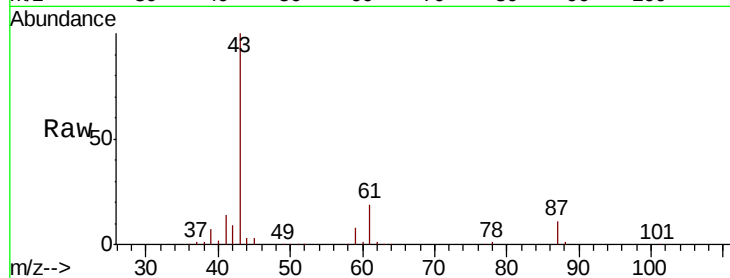
Tot Ion: 43 Resp: 202146

Ion Ratio Lower Upper

43 100

61 19.0 15.7 23.5

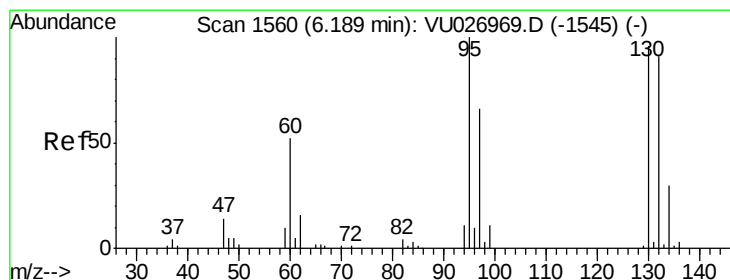
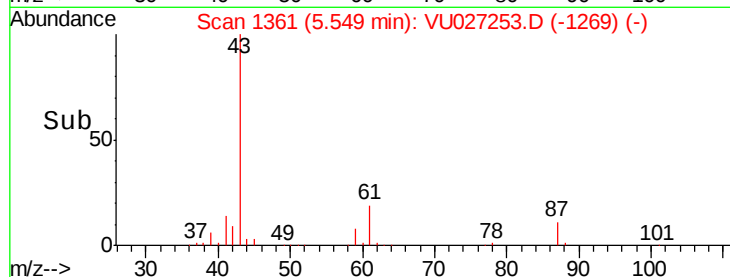
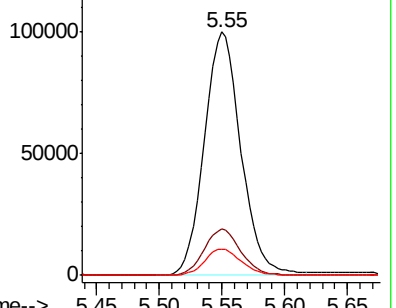
87 10.9 9.0 13.4



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) (-)



#44

Trichloroethene

Concen: 53.055 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU027253.D

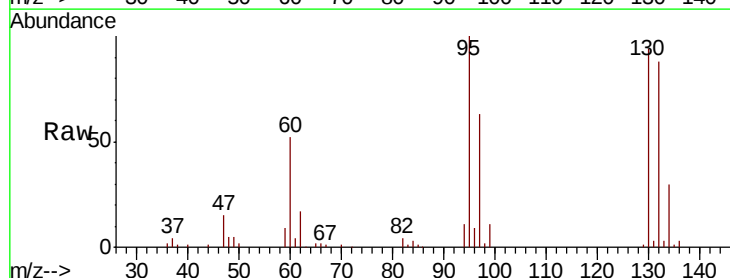
Acq: 28 Sep 2018 02:48

Tgt Ion: 130 Resp: 62055

Ion Ratio Lower Upper

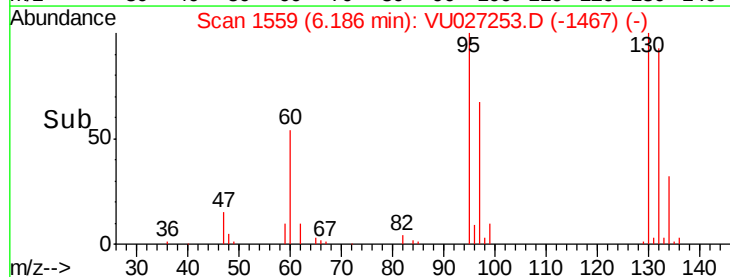
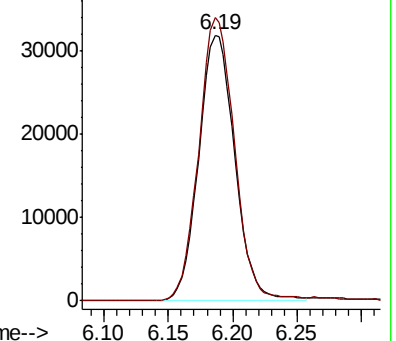
130 100

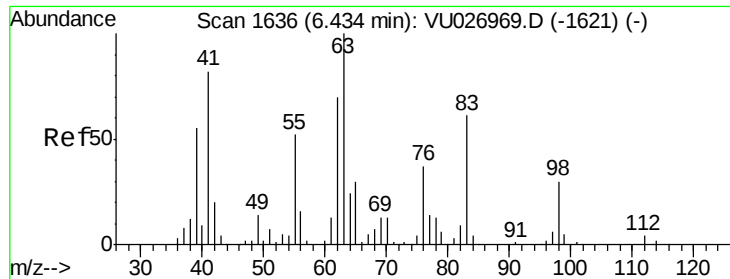
95 106.4 0.0 208.8



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

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





#45

1,2-Dichloropropane

Concen: 54.033 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VU027253.D

Acq: 28 Sep 2018 02:48

Instrument :

MSVOA_U

ClientSampleId :

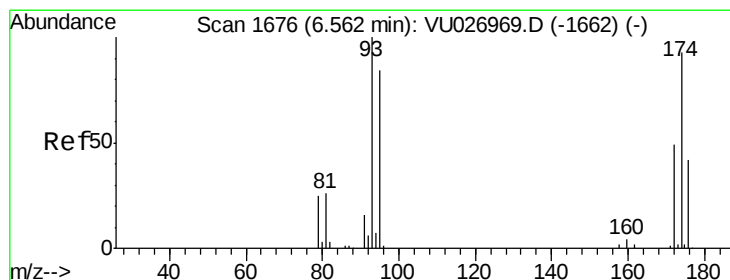
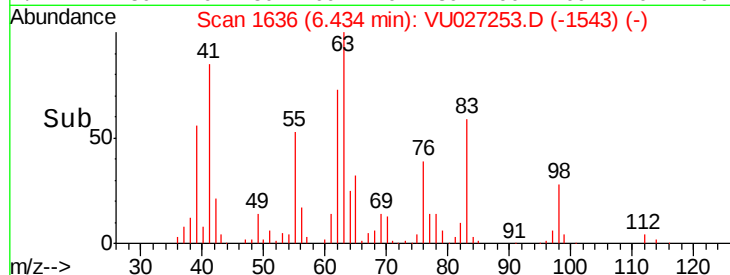
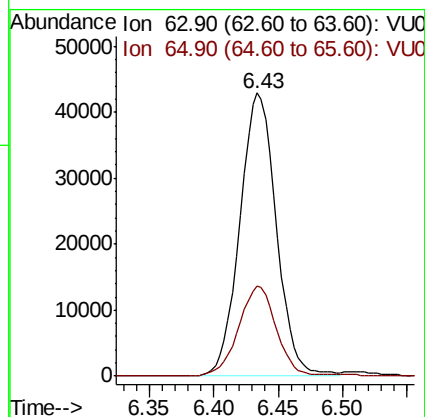
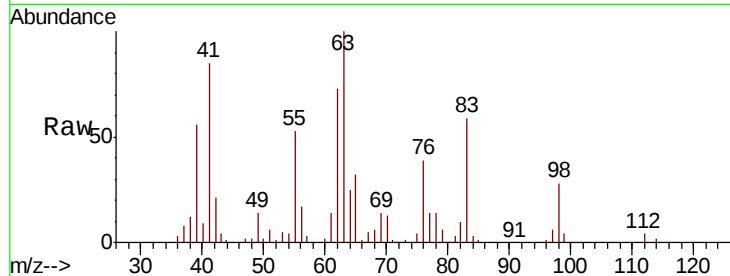
VSTDCCC050EC

Tot Ion: 63 Resp: 84586

Ion Ratio Lower Upper

63 100

65 31.6 24.3 36.5



#46

Dibromomethane

Concen: 51.876 ug/l

RT: 6.56 min Scan# 1675

Delta R.T. -0.00 min

Lab File: VU027253.D

Acq: 28 Sep 2018 02:48

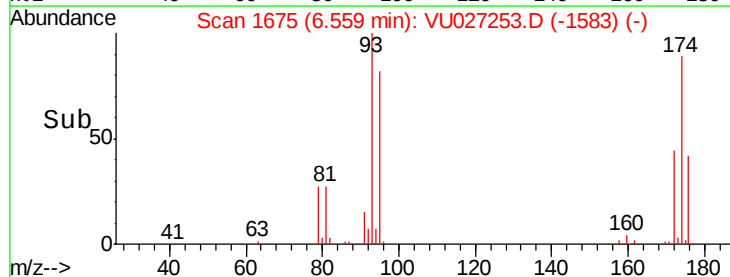
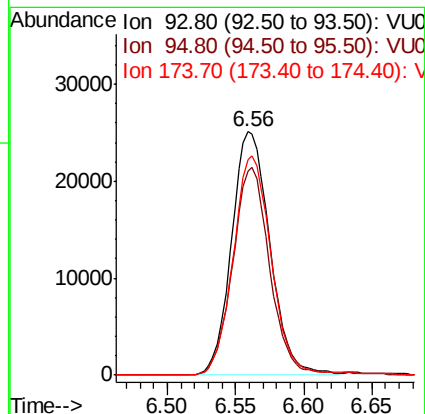
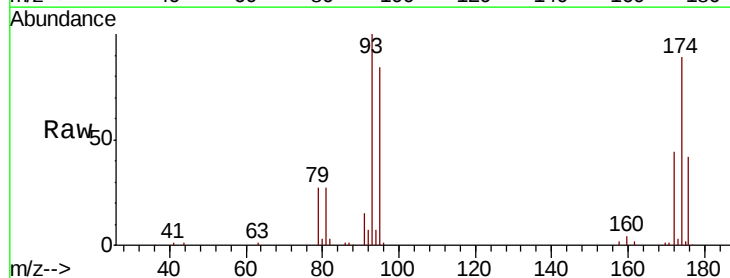
Tgt Ion: 93 Resp: 49047

Ion Ratio Lower Upper

93 100

95 82.3 66.2 99.4

174 90.1 71.7 107.5





#47

Bromodichloromethane

Concen: 51.621 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU027253.D

Acq: 28 Sep 2018 02:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

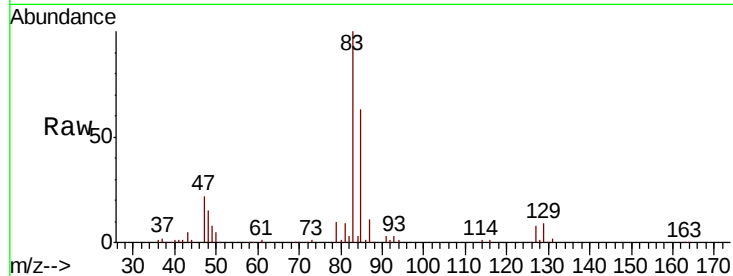
Tot Ion: 83 Resp: 98686

Ion Ratio Lower Upper

83 100

85 63.2 52.5 78.7

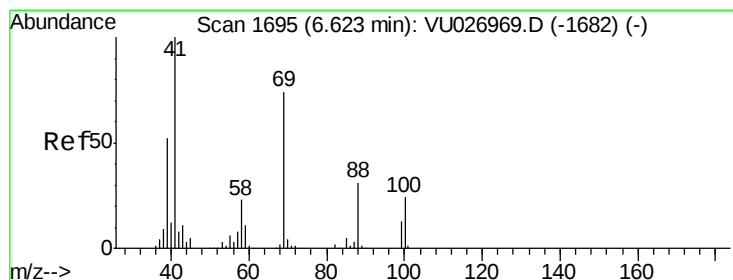
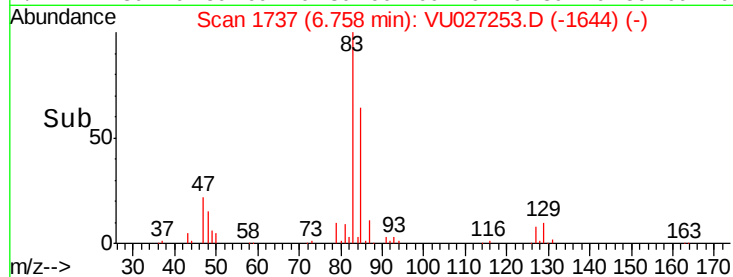
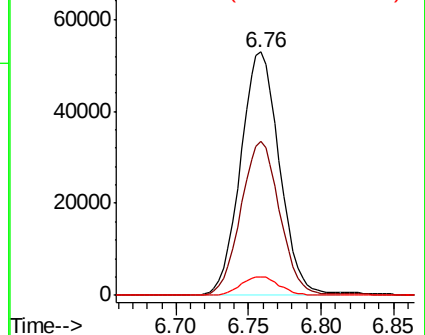
127 7.7 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 126.80 (126.50 to 127.50): VU0



#48

Methyl methacrylate

Concen: 53.962 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU027253.D

Acq: 28 Sep 2018 02:48

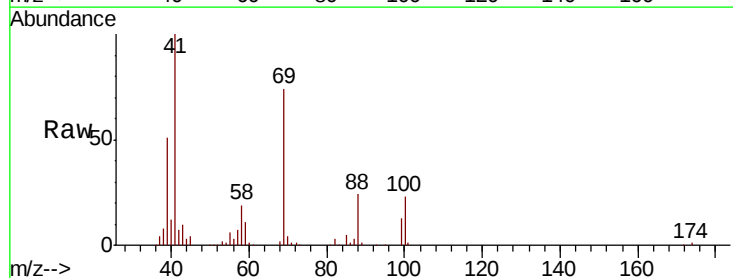
Tgt Ion: 41 Resp: 104954

Ion Ratio Lower Upper

41 100

69 76.1 60.6 90.8

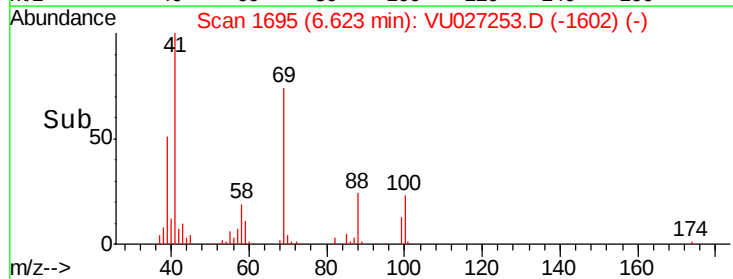
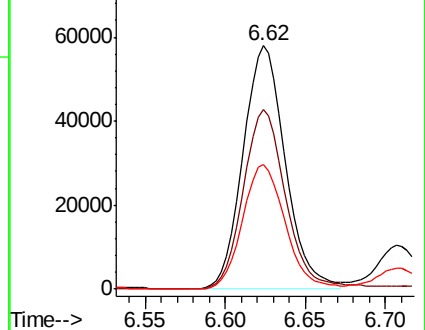
39 51.7 42.8 64.2

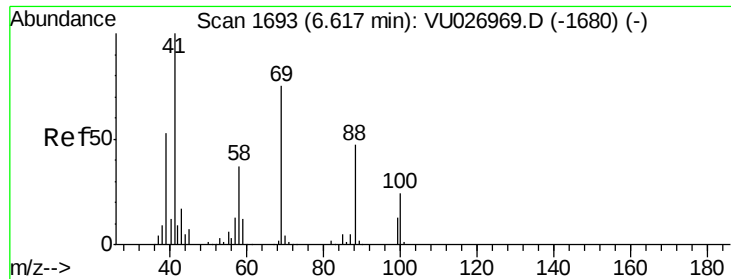


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

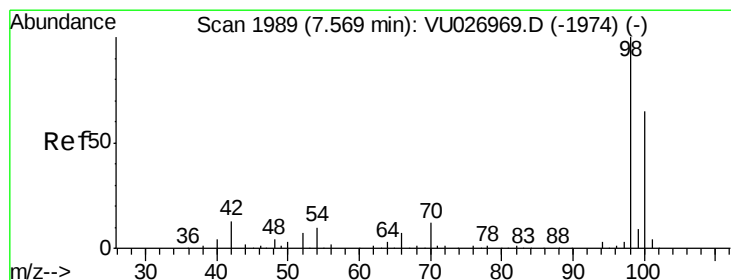
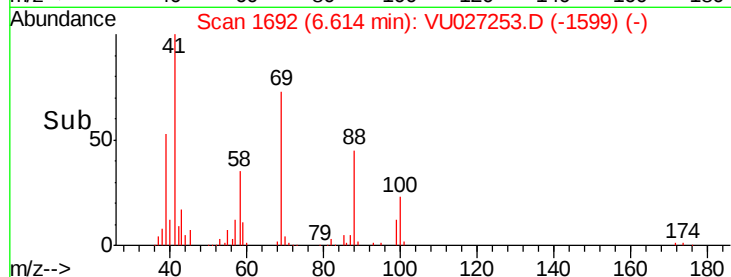
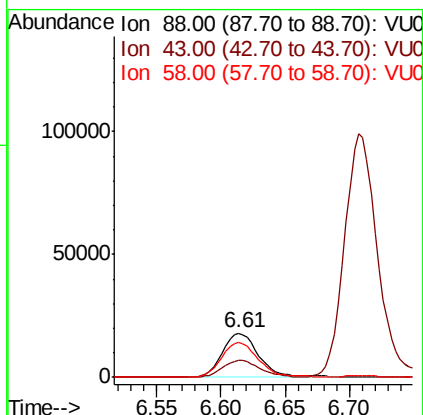
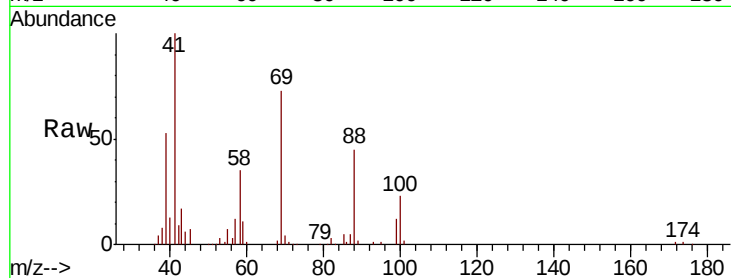




#49
1,4-Dioxane
Concen: 898.792 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027253.D
Acq: 28 Sep 2018 02:48

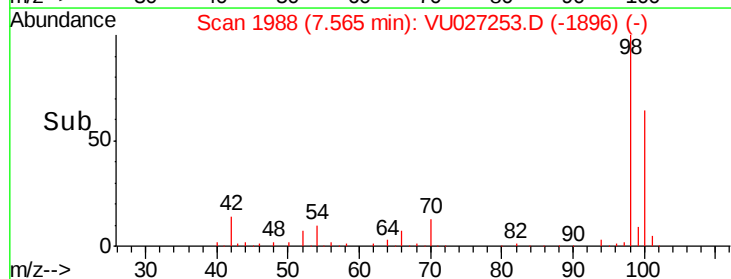
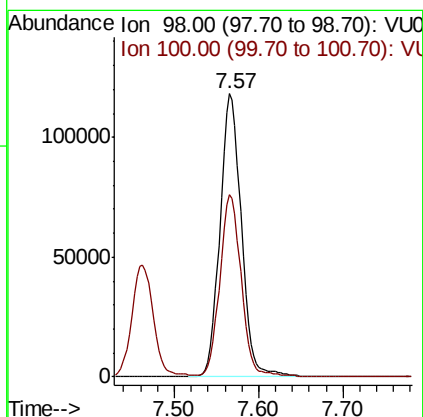
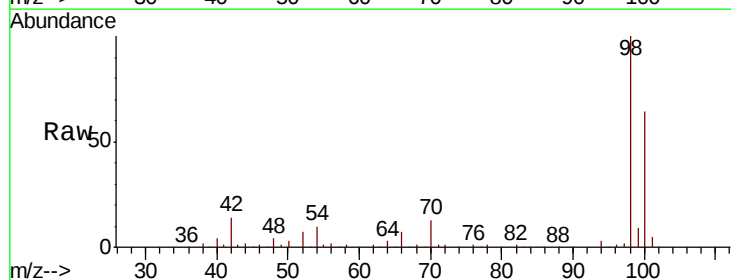
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

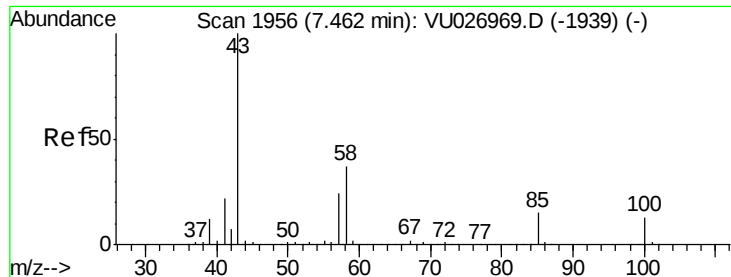
Tot Ion: 88 Resp: 34671
Ion Ratio Lower Upper
88 100
43 40.1 29.8 44.8
58 81.6 63.9 95.9



#50
Toluene-d8
Concen: 46.555 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027253.D
Acq: 28 Sep 2018 02:48

Tgt Ion: 98 Resp: 208255
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 290.270 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU027253.D

Acq: 28 Sep 2018 02:48

Instrument :

MSVOA_U

ClientSampleId :

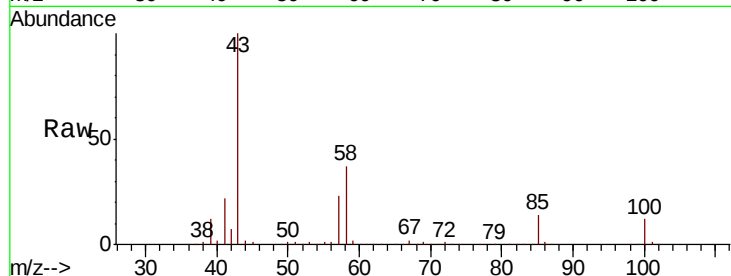
VSTDCCC050EC

Tot Ion: 43 Resp: 696567

Ion Ratio Lower Upper

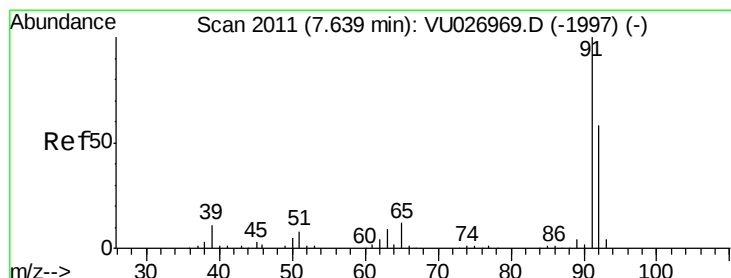
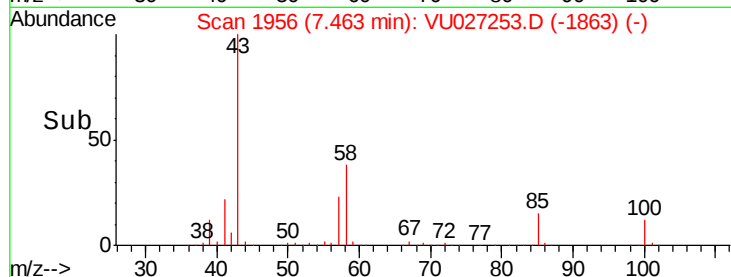
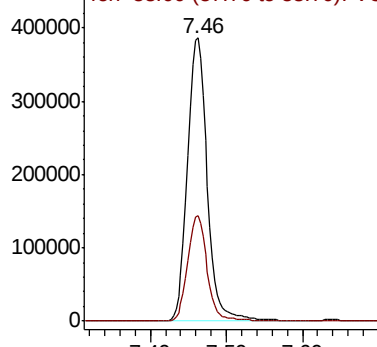
43 100

58 36.7 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 54.973 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027253.D

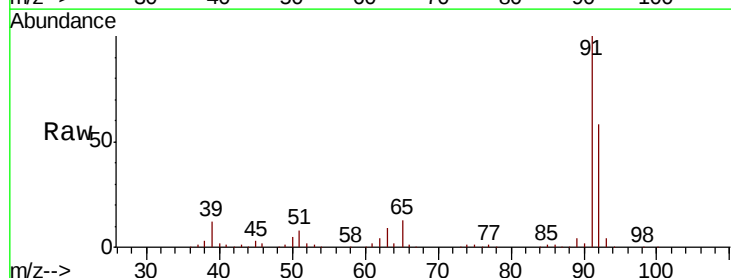
Acq: 28 Sep 2018 02:48

Tgt Ion: 92 Resp: 173122

Ion Ratio Lower Upper

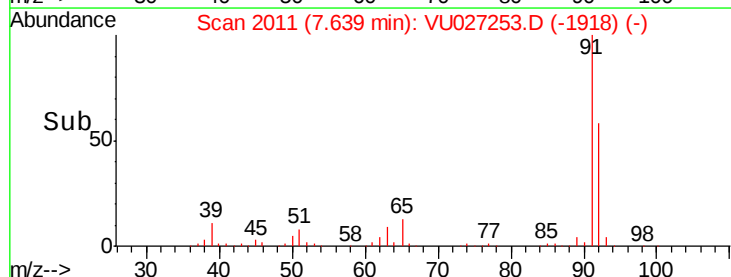
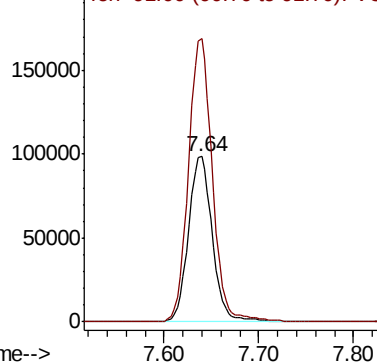
92 100

91 171.3 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

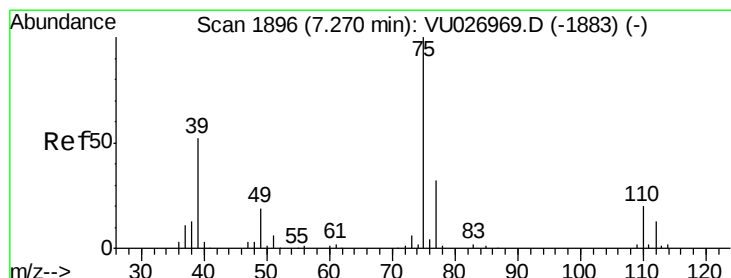
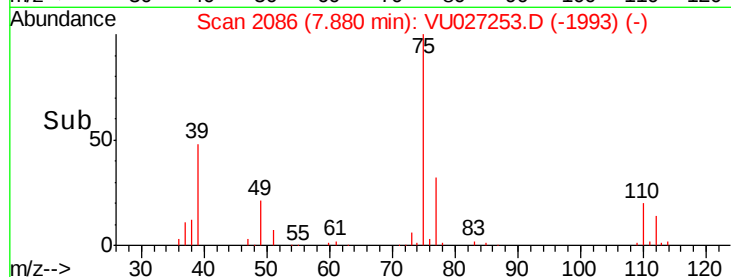
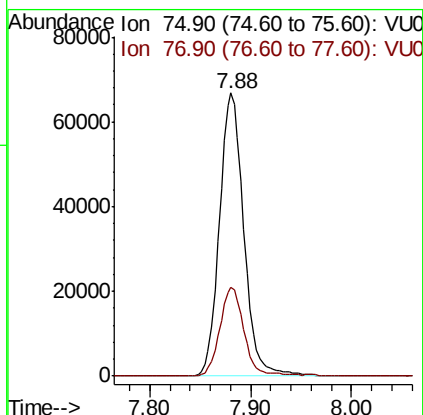
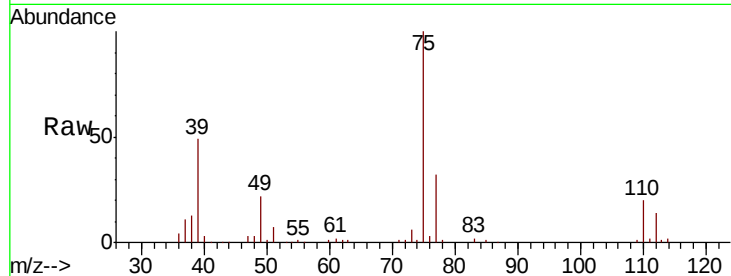




#53
t-1,3-Dichloropropene
Concen: 54.998 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU027253.D
Acq: 28 Sep 2018 02:48

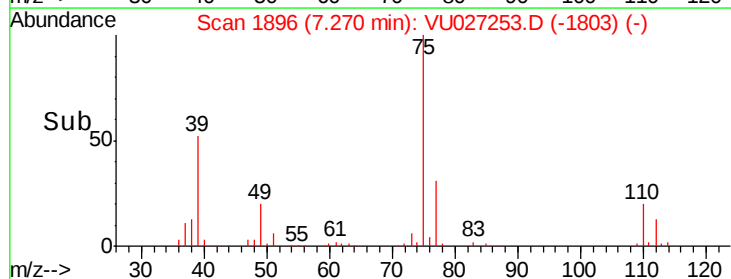
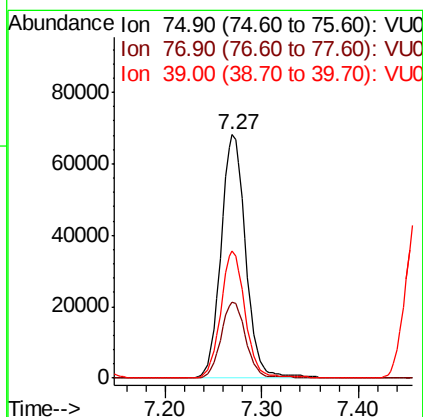
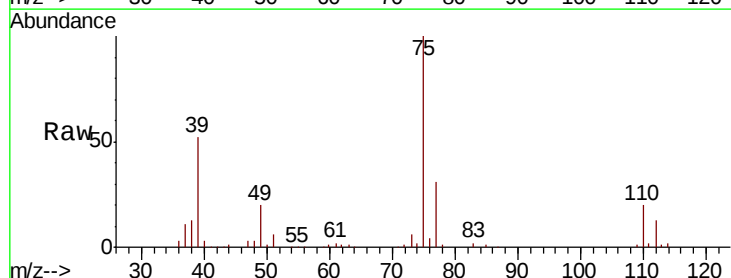
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

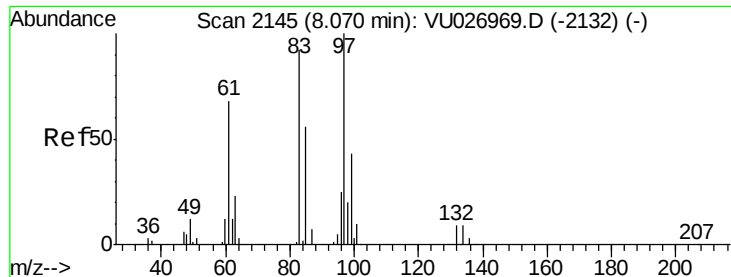
Tot Ion: 75 Resp: 112968
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 53.594 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU027253.D
Acq: 28 Sep 2018 02:48

Tgt Ion: 75 Resp: 121040
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0
39 52.2 41.6 62.4

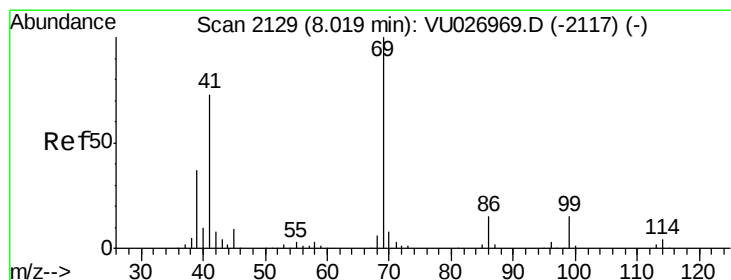
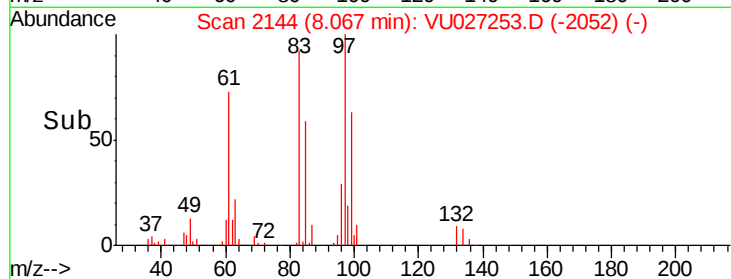
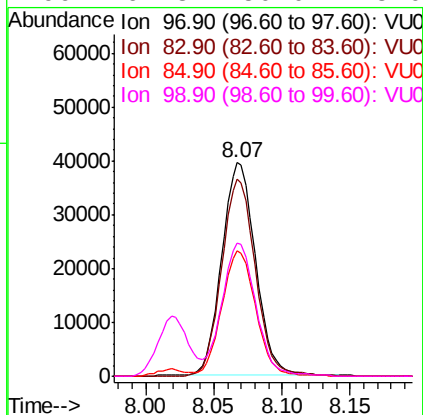
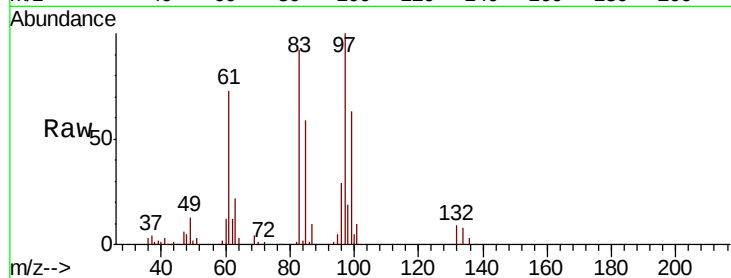




#55
 1,1,2-Trichloroethane
 Concen: 50.964 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027253.D
 Acq: 28 Sep 2018 02:48

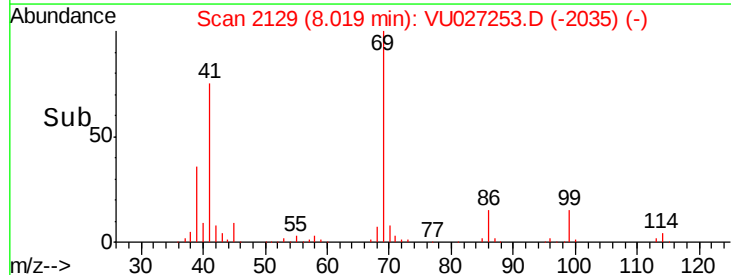
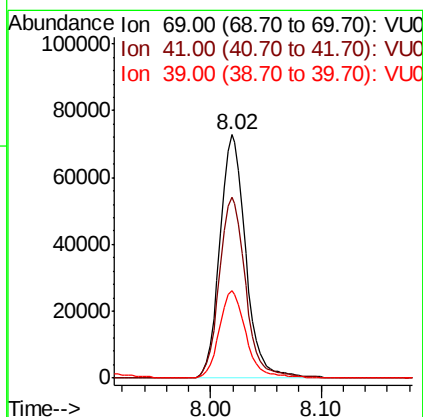
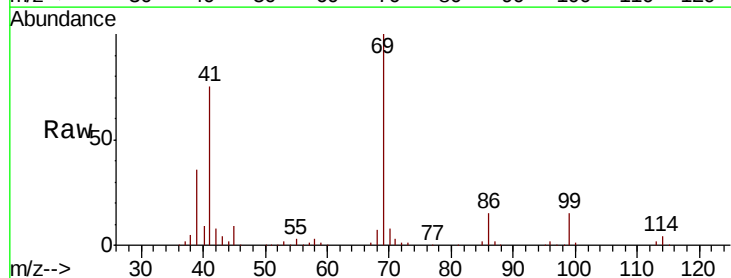
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

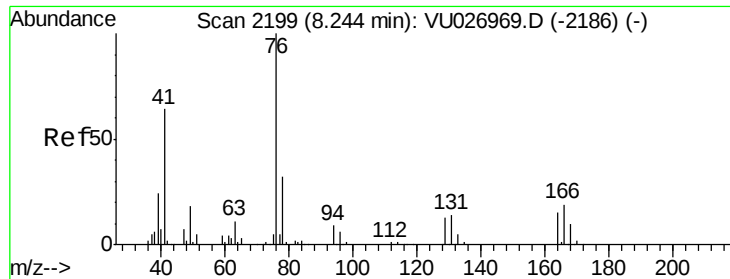
Tot Ion:	97	Resp:	68006
Ion	Ratio	Lower	Upper
97	100		
83	92.1	73.1	109.7
85	58.9	46.7	70.1
99	62.8	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 51.287 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027253.D
 Acq: 28 Sep 2018 02:48

Tgt Ion:	69	Resp:	118882
Ion	Ratio	Lower	Upper
69	100		
41	76.1	59.0	88.4
39	36.4	30.2	45.4





#57

1,3-Dichloropropane

Concen: 53.547 ug/l

RT: 8.24 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VU027253.D

Acq: 28 Sep 2018 02:48

Instrument :

MSVOA_U

ClientSampleId :

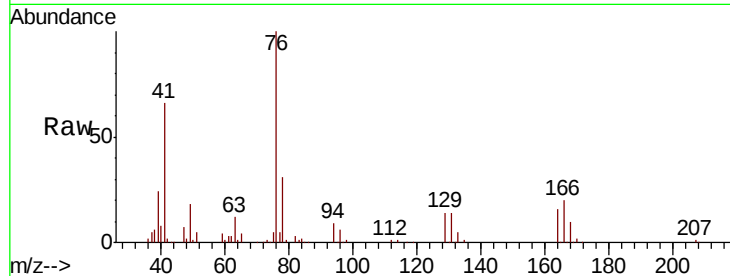
VSTDCCC050EC

Tot Ion: 76 Resp: 132897

Ion Ratio Lower Upper

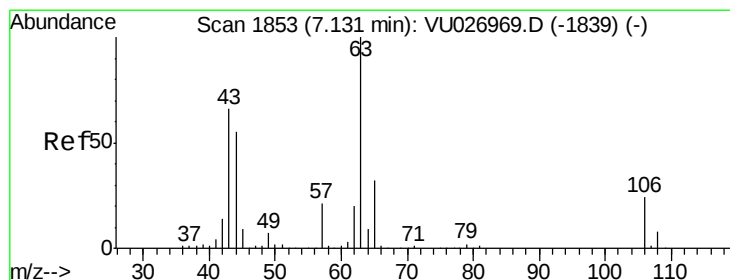
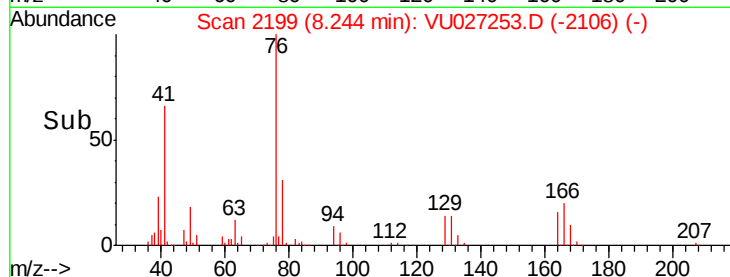
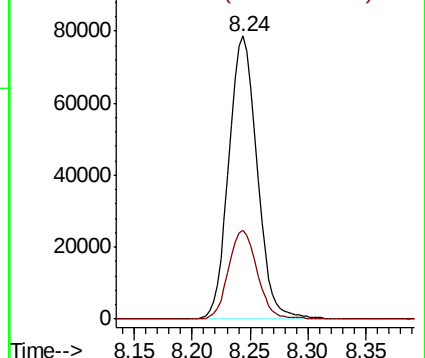
76 100

78 31.8 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: 241.155 ug/l

RT: 7.13 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VU027253.D

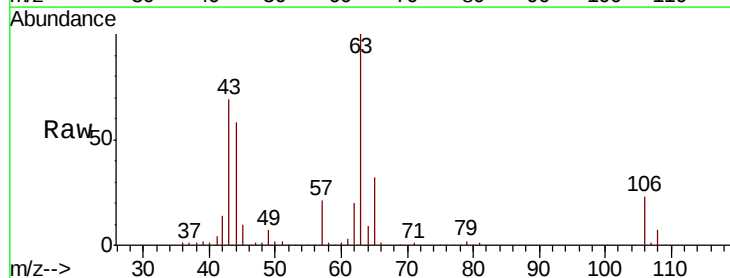
Acq: 28 Sep 2018 02:48

Tgt Ion: 63 Resp: 316645

Ion Ratio Lower Upper

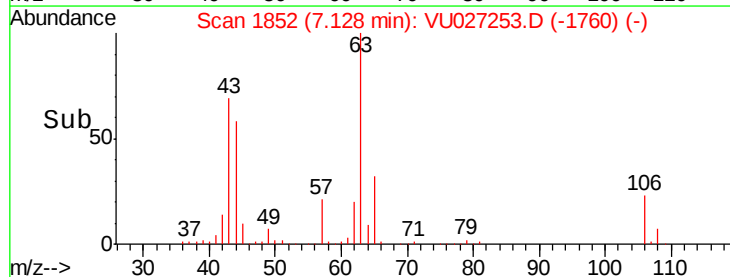
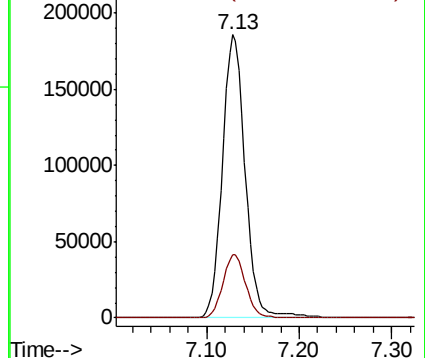
63 100

106 22.6 18.7 28.1



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

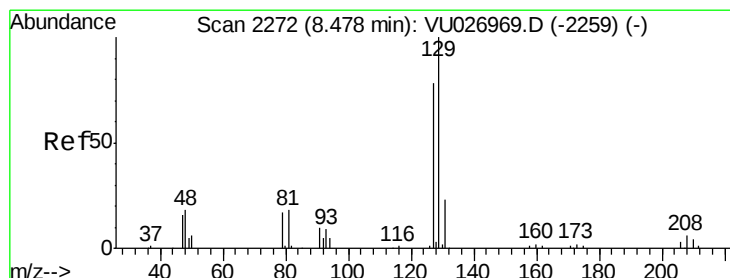
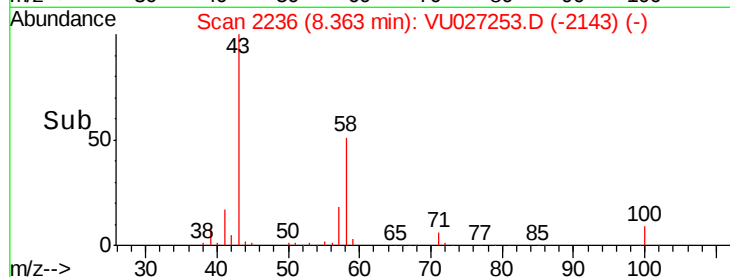
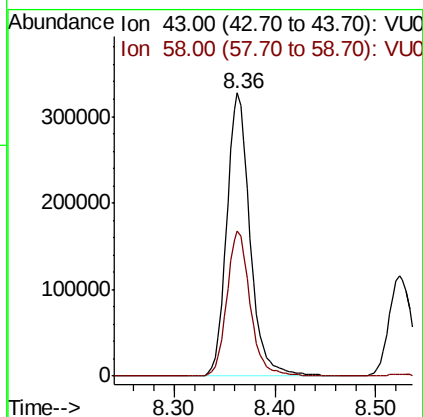
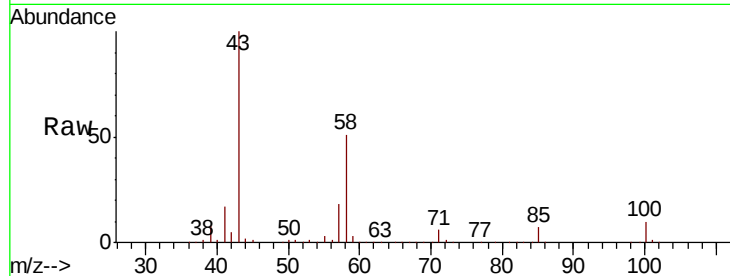




#59
2-Hexanone
Concen: 281.897 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027253.D
Acq: 28 Sep 2018 02:48

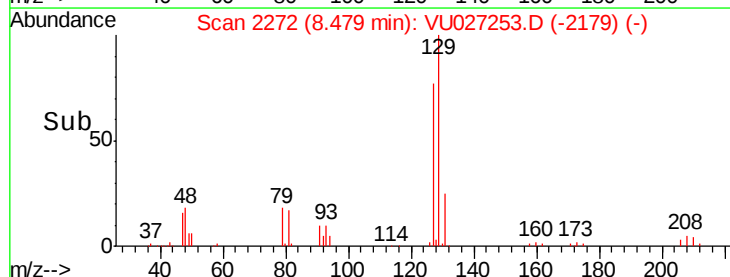
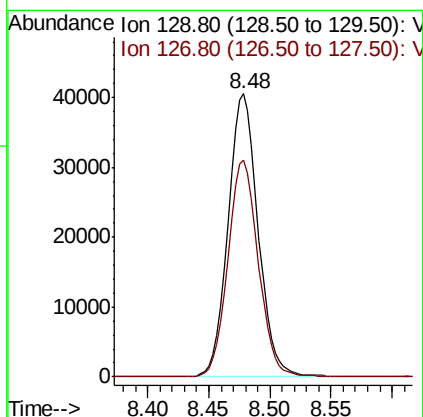
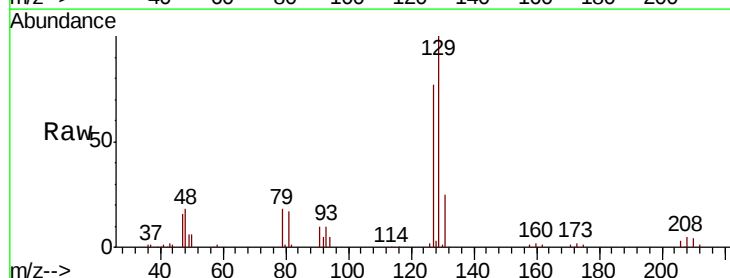
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

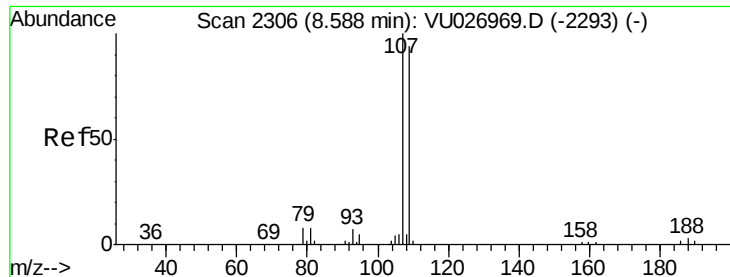
Tot Ion: 43 Resp: 529530
Ion Ratio Lower Upper
43 100
58 51.4 26.1 78.2



#60
Dibromochloromethane
Concen: 53.366 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027253.D
Acq: 28 Sep 2018 02:48

Tgt Ion: 129 Resp: 69851
Ion Ratio Lower Upper
129 100
127 77.2 38.1 114.5

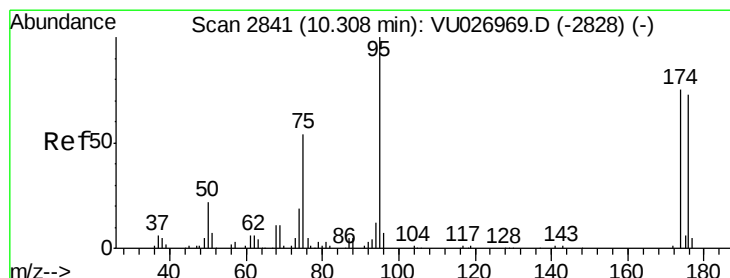
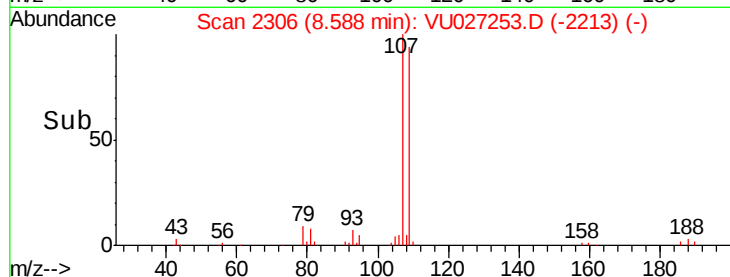
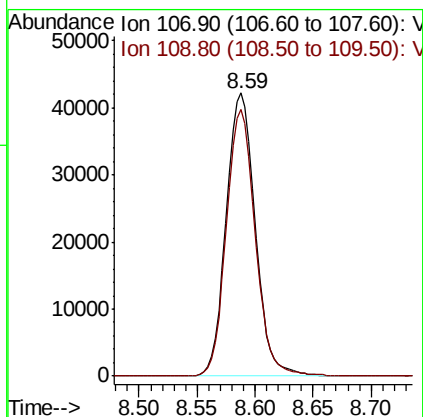
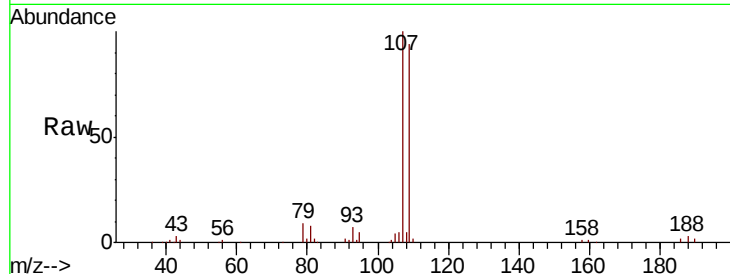




#61
 1,2-Dibromoethane
 Concen: 52.543 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VU027253.D
 Acq: 28 Sep 2018 02:48

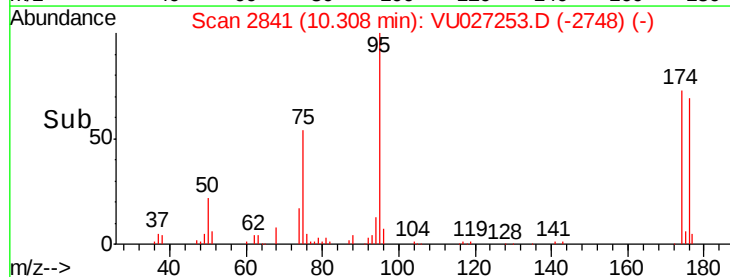
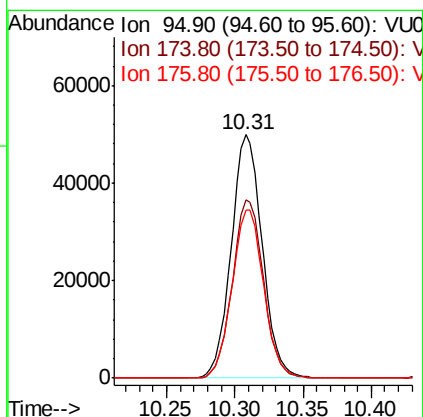
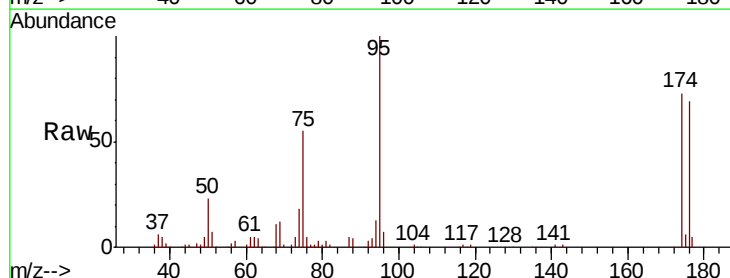
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 72951
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 51.217 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027253.D
 Acq: 28 Sep 2018 02:48

Tgt Ion: 95 Resp: 78616
 Ion Ratio Lower Upper
 95 100
 174 73.6 0.0 150.2
 176 70.6 0.0 145.2

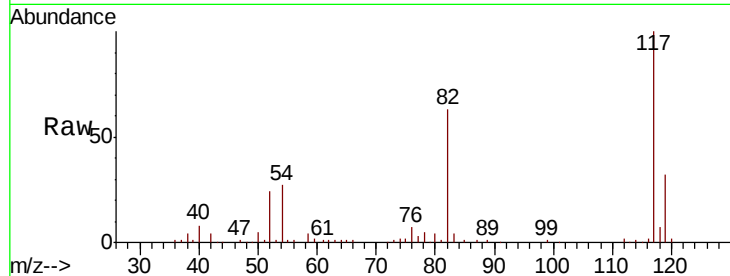




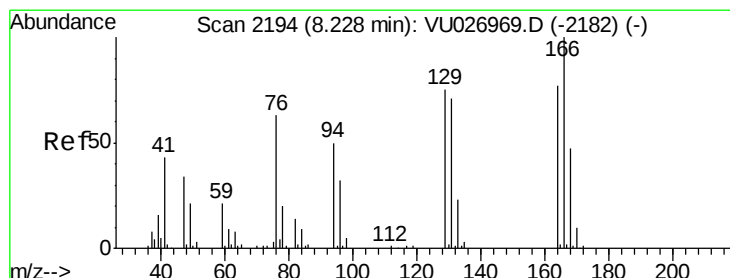
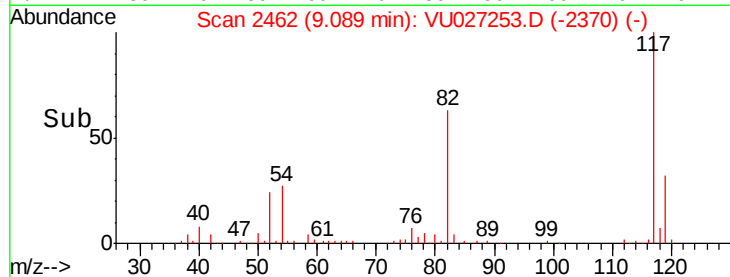
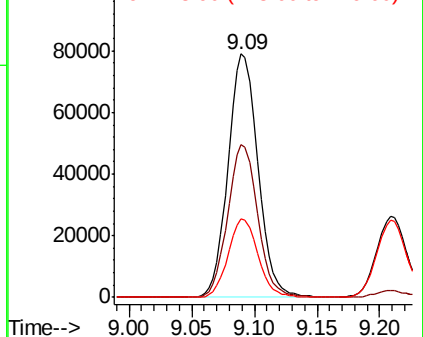
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027253.D
Acq: 28 Sep 2018 02:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 131027
Ion Ratio Lower Upper
117 100
82 62.9 48.0 72.0
119 32.0 25.8 38.8



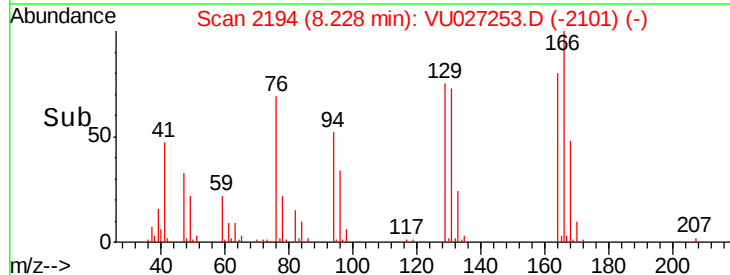
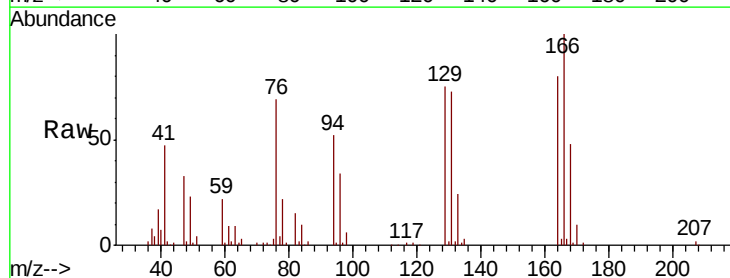
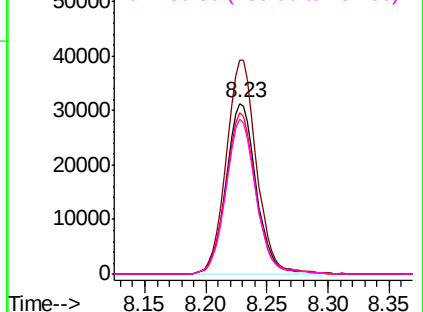
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

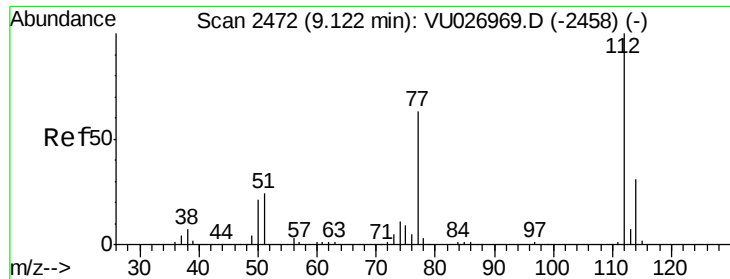


#64
Tetrachloroethene
Concen: 53.766 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027253.D
Acq: 28 Sep 2018 02:48

Tgt Ion:164 Resp: 54285
Ion Ratio Lower Upper
164 100
166 125.5 104.4 156.6
129 94.6 78.7 118.1
131 91.1 73.9 110.9

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





#65

Chlorobenzene

Concen: 51.364 ug/l

RT: 9.12 min Scan# 2471

Delta R.T. -0.00 min

Lab File: VU027253.D

Acq: 28 Sep 2018 02:48

Instrument :

MSVOA_U

ClientSampleId :

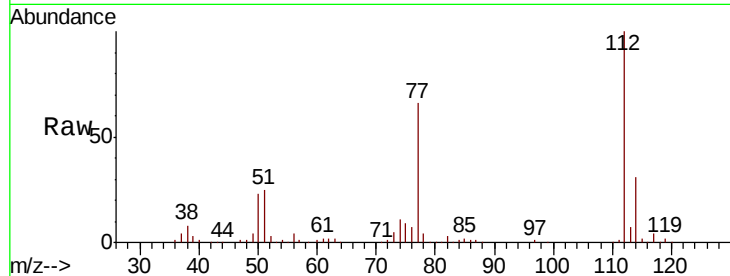
VSTDCCC050EC

Tot Ion:112 Resp: 178450

Ion Ratio Lower Upper

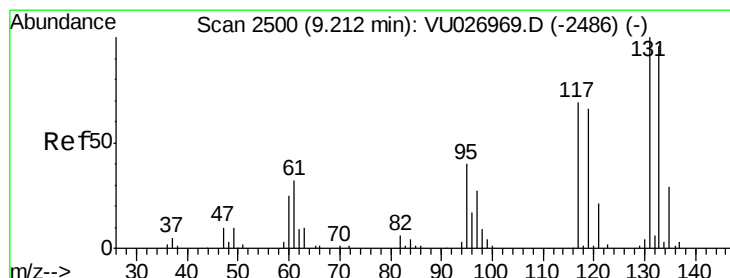
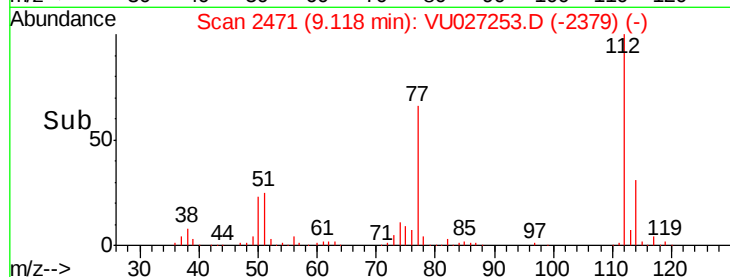
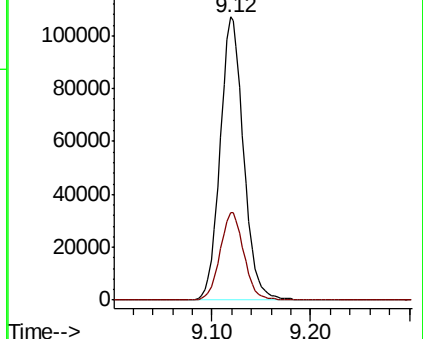
112 100

114 30.8 25.0 37.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.771 ug/l

RT: 9.21 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VU027253.D

Acq: 28 Sep 2018 02:48

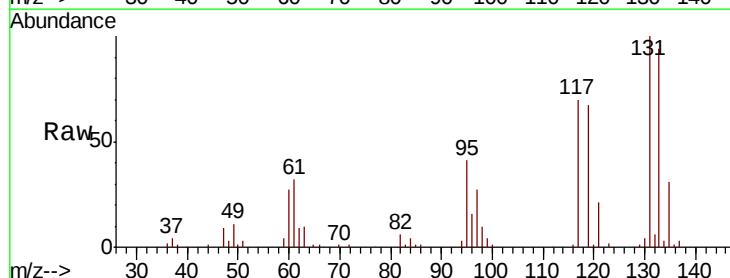
Tgt Ion:131 Resp: 63148

Ion Ratio Lower Upper

131 100

133 95.5 48.0 144.2

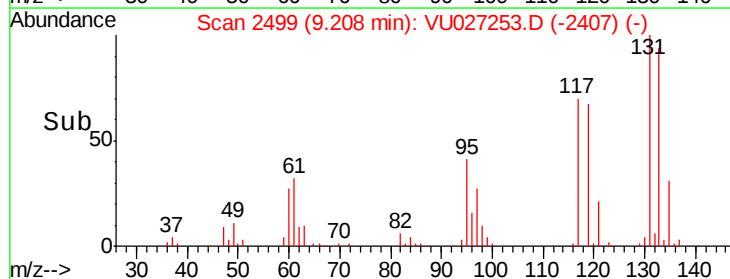
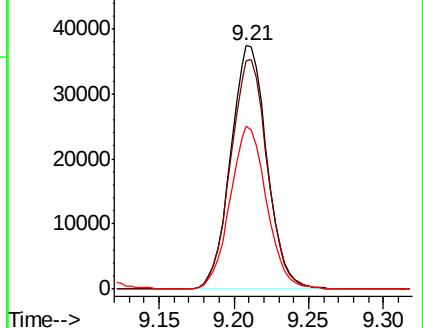
119 67.3 33.4 100.1

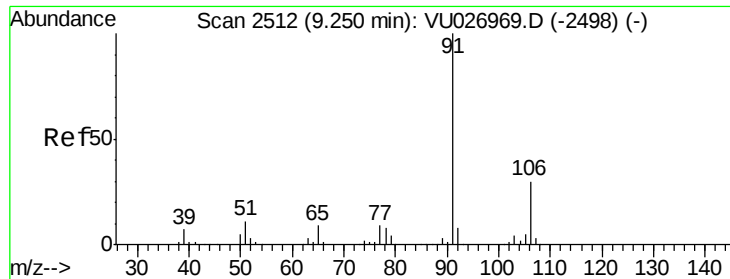


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

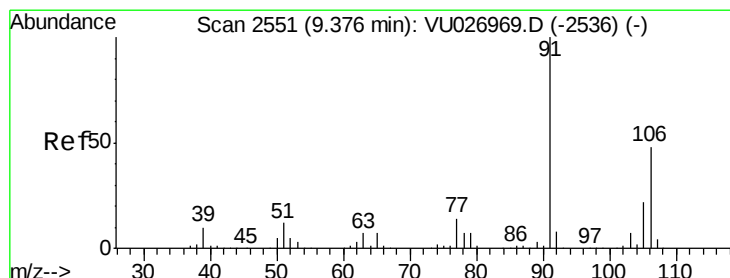
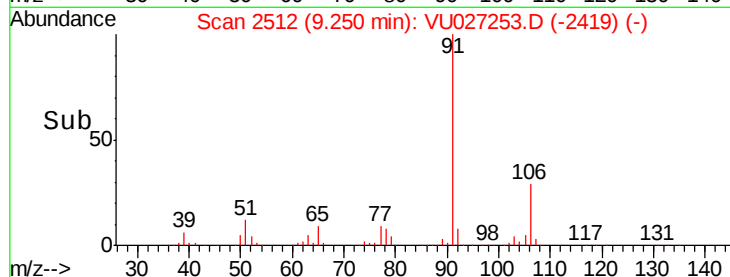
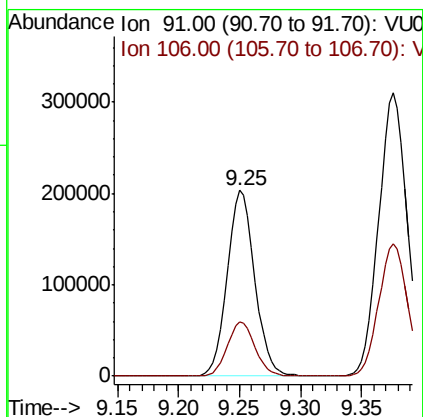
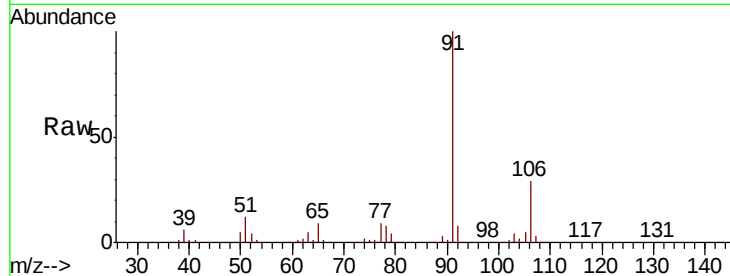




#67
Ethyl Benzene
Concen: 56.361 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027253.D
Acq: 28 Sep 2018 02:48

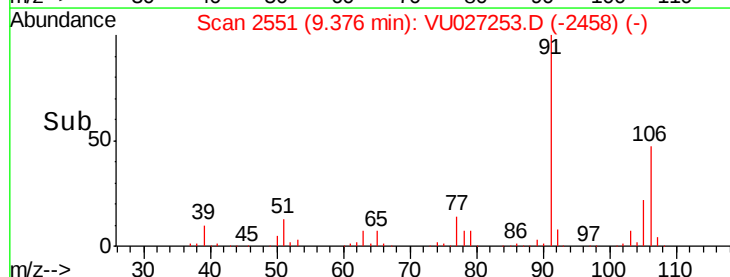
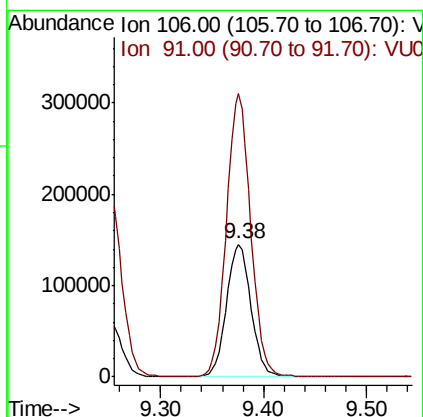
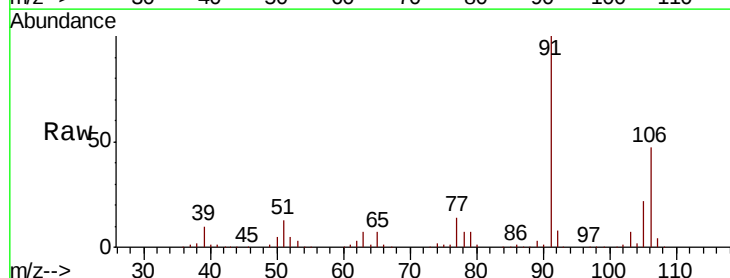
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 321988
Ion Ratio Lower Upper
91 100
106 29.1 23.8 35.8



#68
m/p-Xylenes
Concen: 103.575 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027253.D
Acq: 28 Sep 2018 02:48

Tgt Ion: 106 Resp: 239762
Ion Ratio Lower Upper
106 100
91 211.8 166.5 249.7

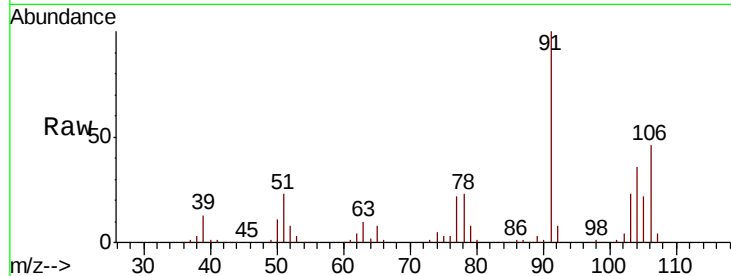




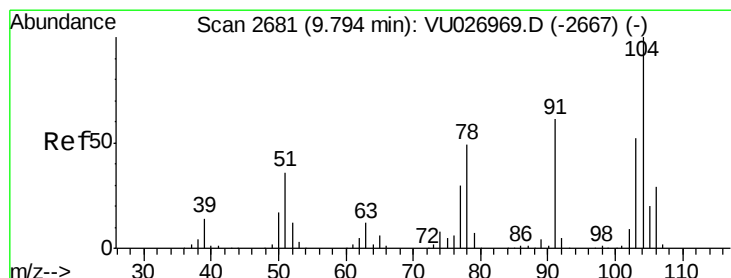
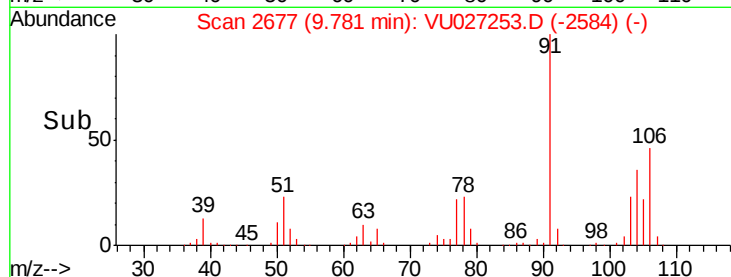
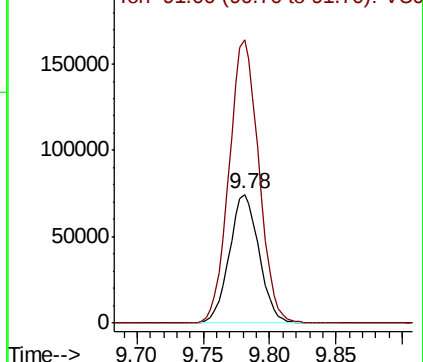
#69
o-Xylene
Concen: 57.331 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027253.D
Acq: 28 Sep 2018 02:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 116046
Ion Ratio Lower Upper
106 100
91 221.0 110.2 330.6

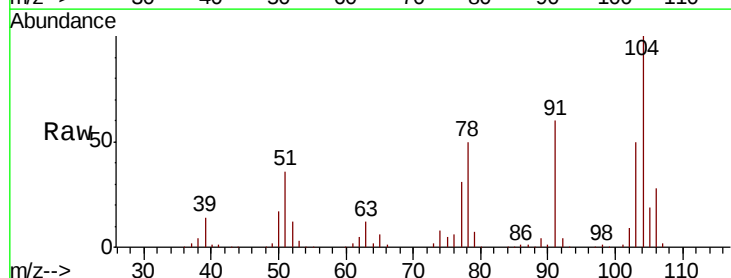


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

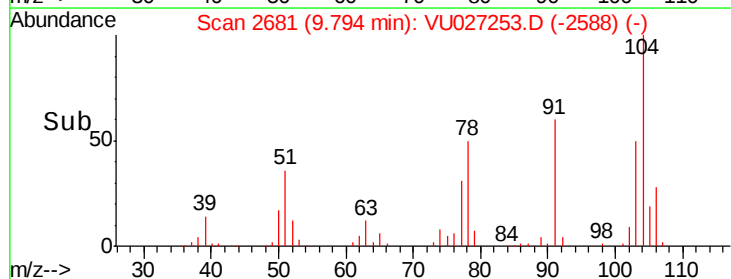
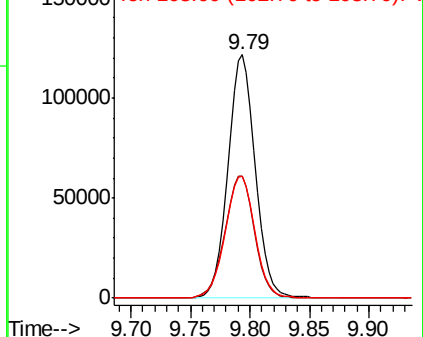


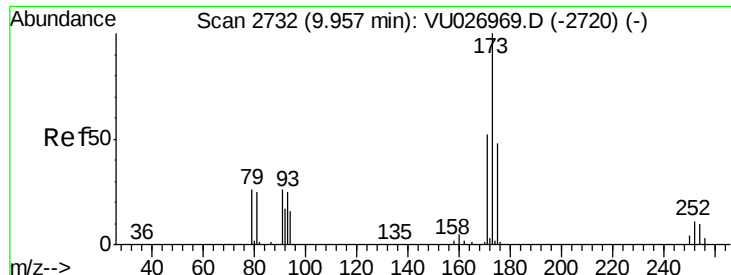
#70
Styrene
Concen: 51.005 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027253.D
Acq: 28 Sep 2018 02:48

Tgt Ion:104 Resp: 192914
Ion Ratio Lower Upper
104 100
78 54.6 43.0 64.4
103 54.7 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: 54.794 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027253.D

Acq: 28 Sep 2018 02:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

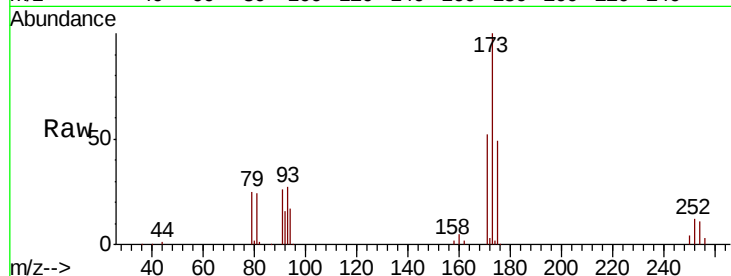
Tot Ion:173 Resp: 50705

Ion Ratio Lower Upper

173 100

175 49.4 23.9 71.8

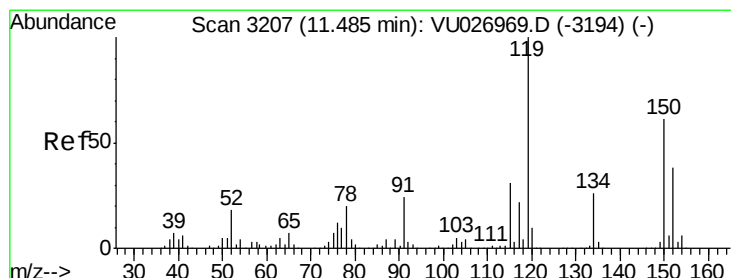
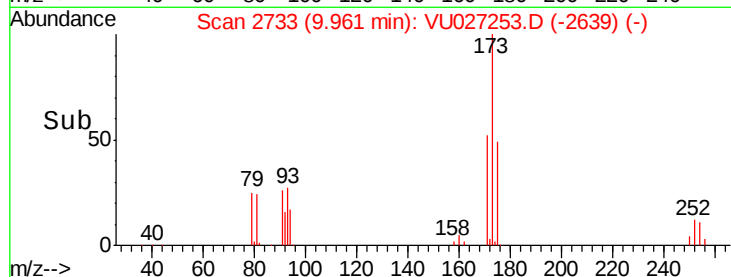
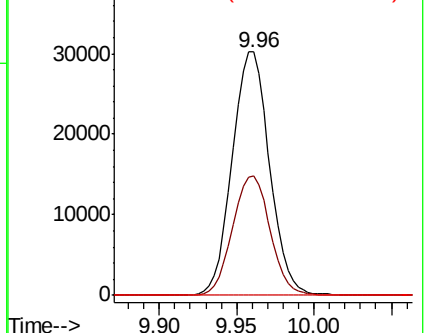
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027253.D

Acq: 28 Sep 2018 02:48

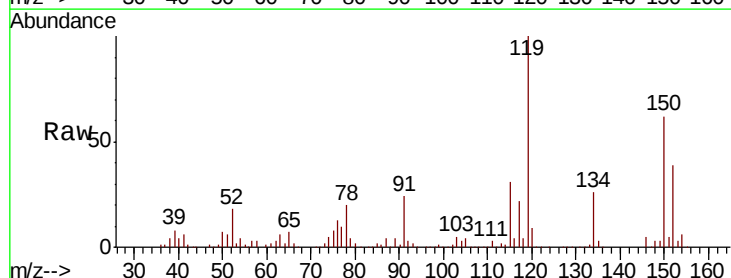
Tgt Ion:152 Resp: 72687

Ion Ratio Lower Upper

152 100

115 89.8 44.9 134.5

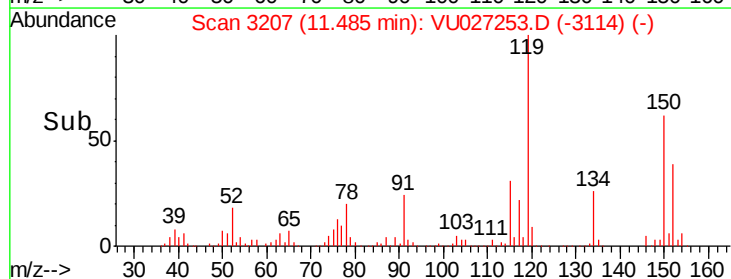
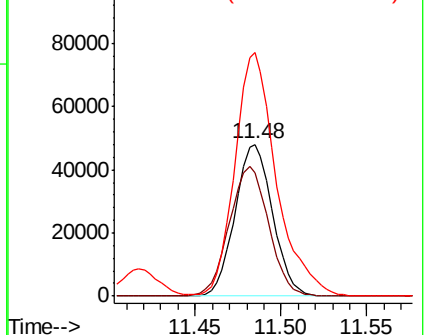
150 177.8 0.0 355.8

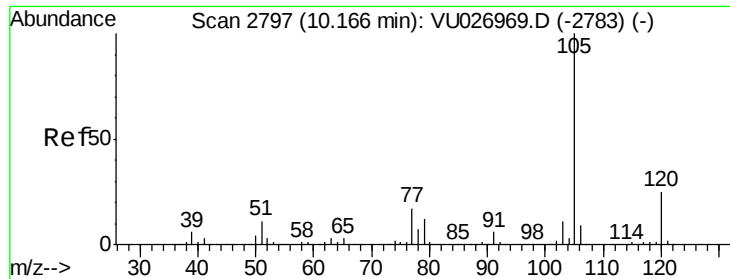


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 56.740 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027253.D

Acq: 28 Sep 2018 02:48

Instrument :

MSVOA_U

ClientSampleId :

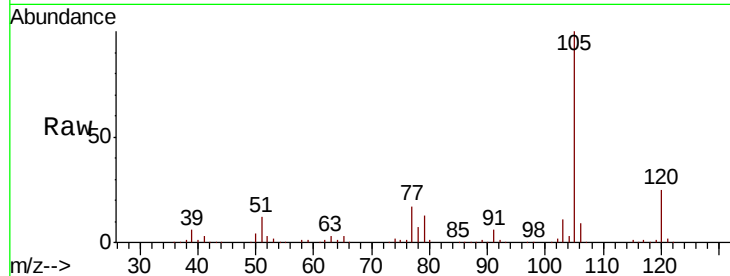
VSTDCCC050EC

Tot Ion:105 Resp: 313727

Ion Ratio Lower Upper

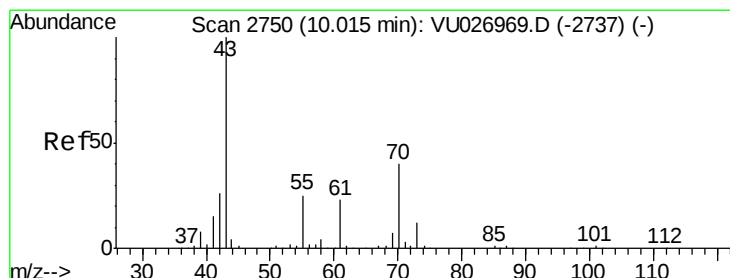
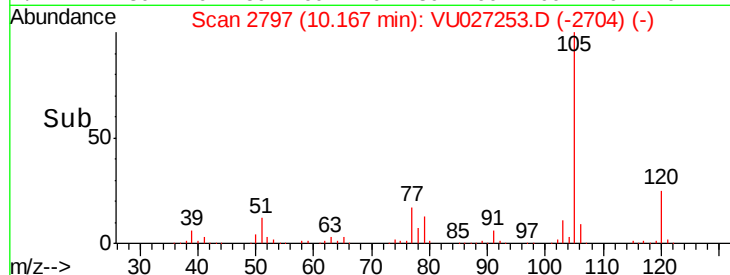
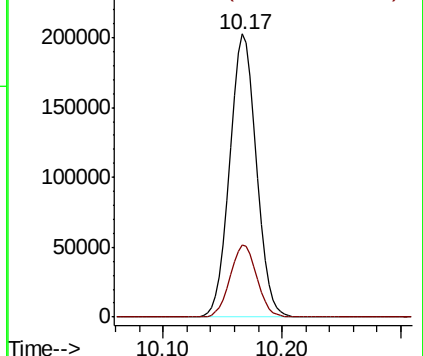
105 100

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: 57.684 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU027253.D

Acq: 28 Sep 2018 02:48

Tgt Ion: 43 Resp: 184622

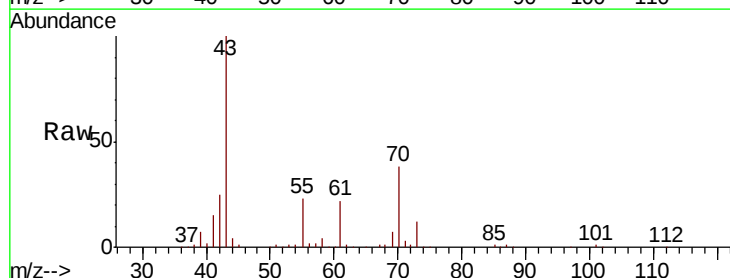
Ion Ratio Lower Upper

43 100

70 38.6 31.8 47.8

55 23.8 19.9 29.9

61 22.5 18.4 27.6

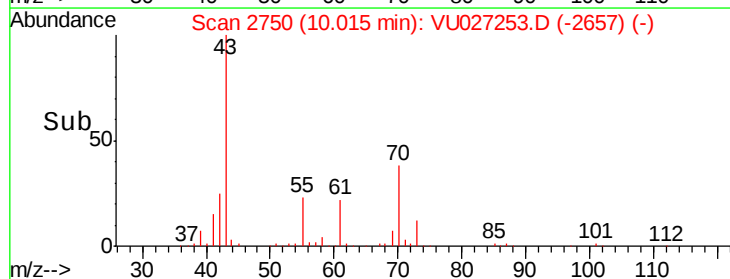
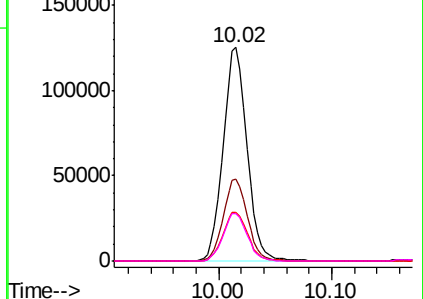


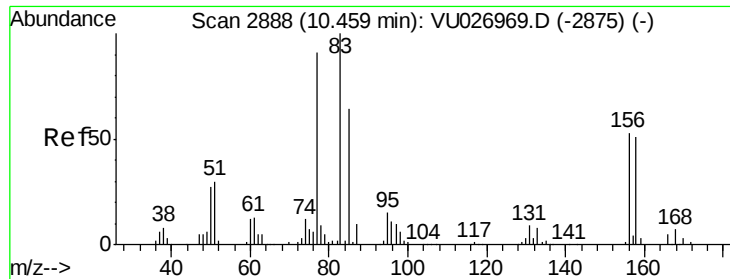
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 48.087 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027253.D

Acq: 28 Sep 2018 02:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

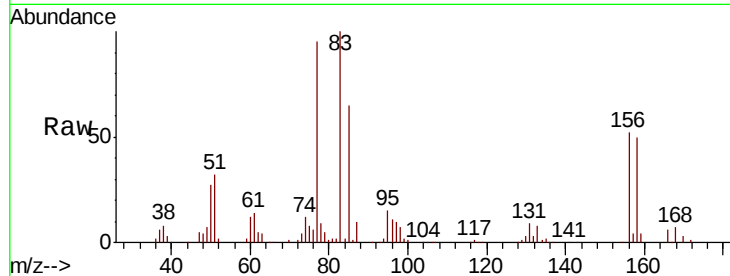
Tot Ion: 83 Resp: 122246

Ion Ratio Lower Upper

83 100

131 8.5 4.3 12.8

85 64.5 31.9 95.7

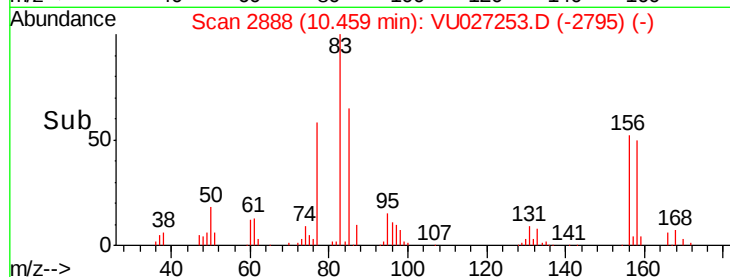


Abundance Ion 82.90 (82.60 to 83.60): VU027253.D (-2795) (-)

Ion 130.80 (130.50 to 131.50): VU027253.D (-2795) (-)

Ion 84.90 (84.60 to 85.60): VU027253.D (-2795) (-)

Time-->



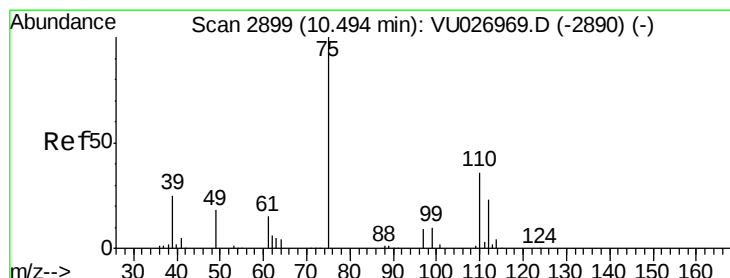
Abundance

Ion 82.90 (82.60 to 83.60): VU027253.D (-2795) (-)

Ion 130.80 (130.50 to 131.50): VU027253.D (-2795) (-)

Ion 84.90 (84.60 to 85.60): VU027253.D (-2795) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 64.158 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027253.D

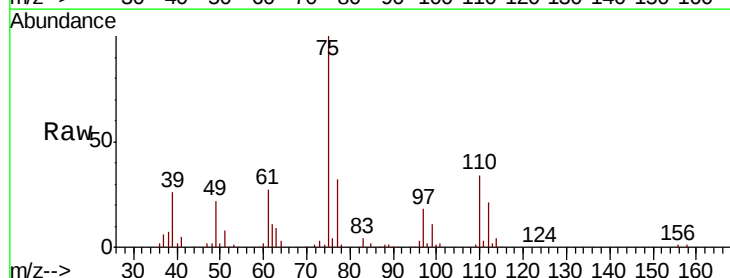
Acq: 28 Sep 2018 02:48

Tgt Ion: 75 Resp: 141674

Ion Ratio Lower Upper

75 100

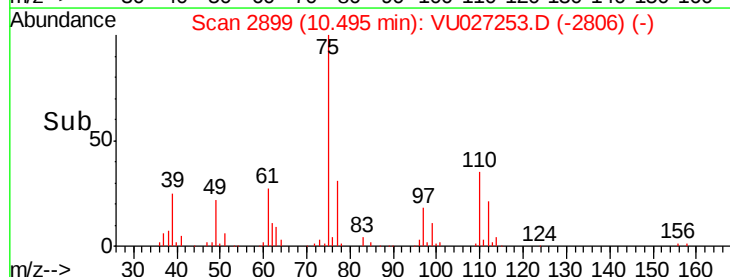
77 29.6 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU027253.D (-2806) (-)

Ion 77.00 (76.70 to 77.70): VU027253.D (-2806) (-)

Time-->



Abundance

Ion 74.90 (74.60 to 75.60): VU027253.D (-2806) (-)

Ion 77.00 (76.70 to 77.70): VU027253.D (-2806) (-)

Time-->



#77

Bromobenzene

Concen: 52.546 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027253.D

Acq: 28 Sep 2018 02:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

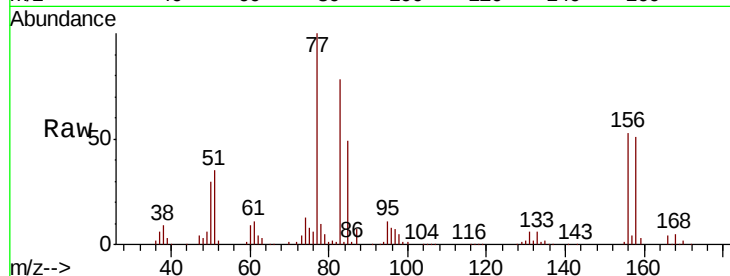
Tot Ion:156 Resp: 70999

Ion Ratio Lower Upper

156 100

77 192.6 92.3 276.9

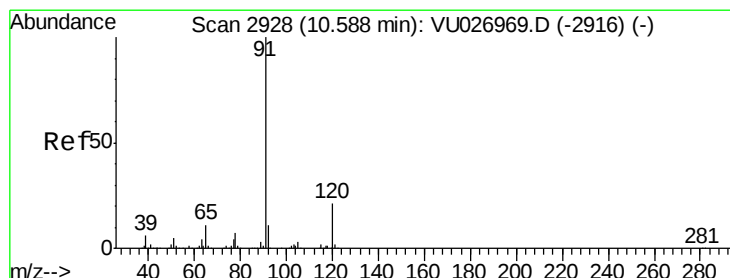
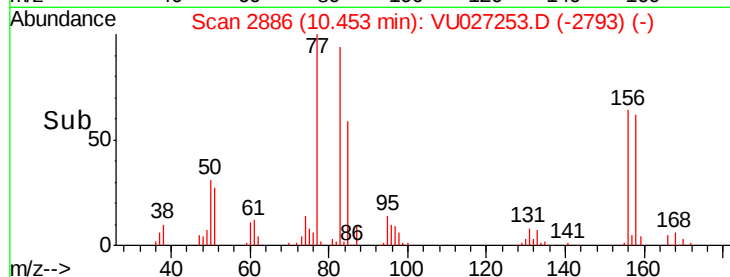
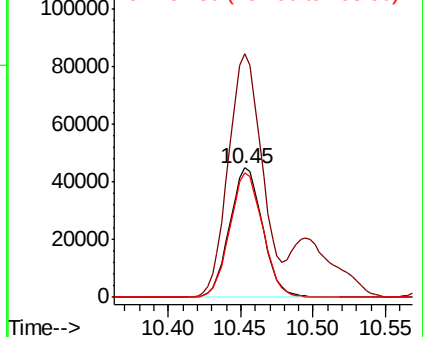
158 96.3 48.1 144.3



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: 58.177 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027253.D

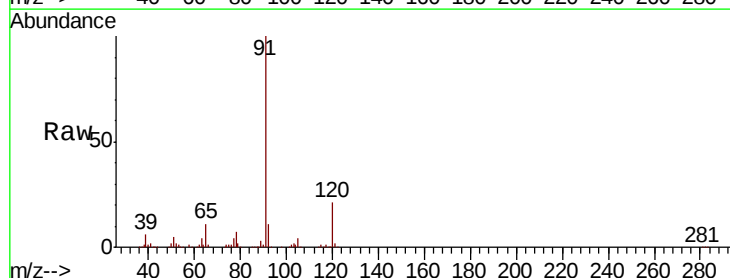
Acq: 28 Sep 2018 02:48

Tgt Ion: 91 Resp: 380617

Ion Ratio Lower Upper

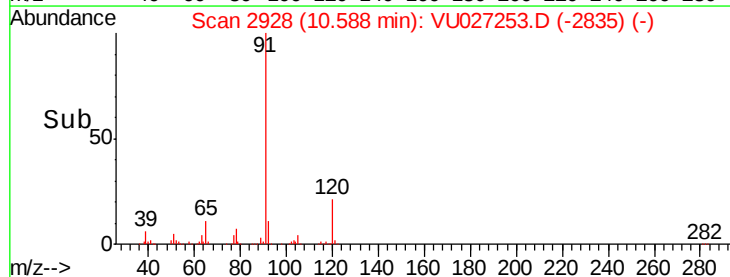
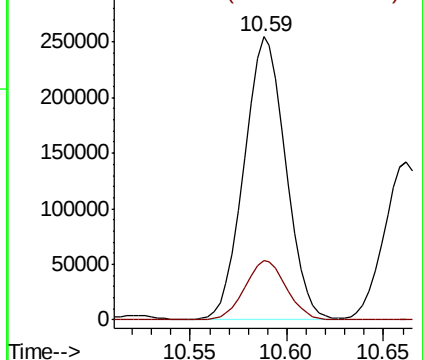
91 100

120 20.9 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

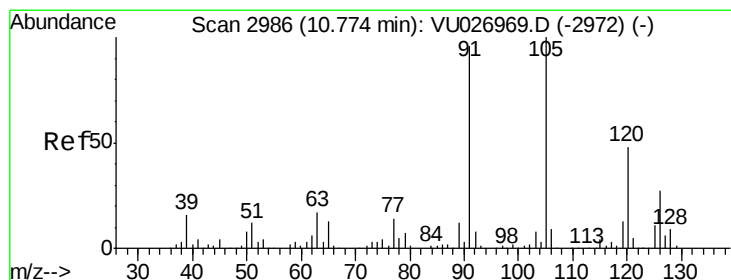
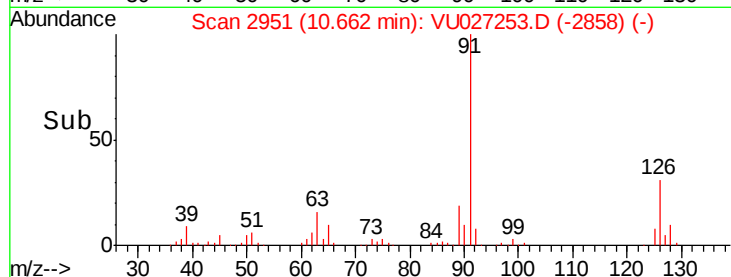
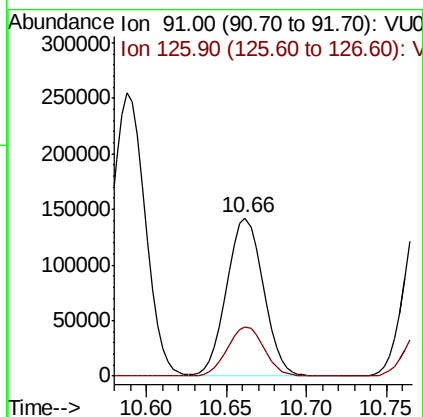
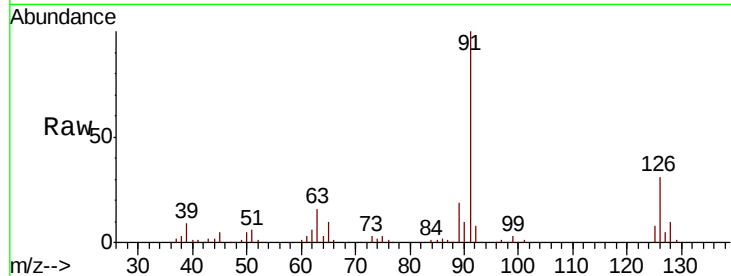




#79
 2-Chlorotoluene
 Concen: 54.363 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU027253.D
 Acq: 28 Sep 2018 02:48

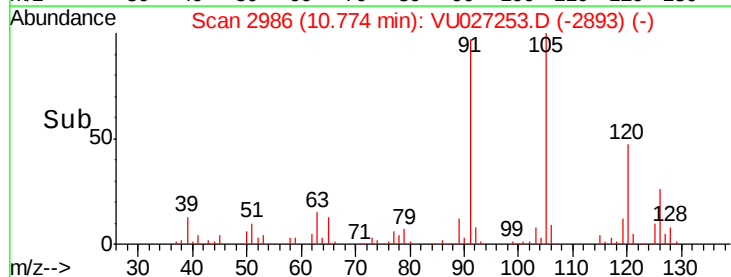
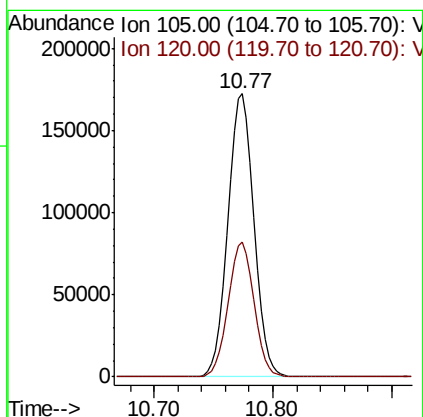
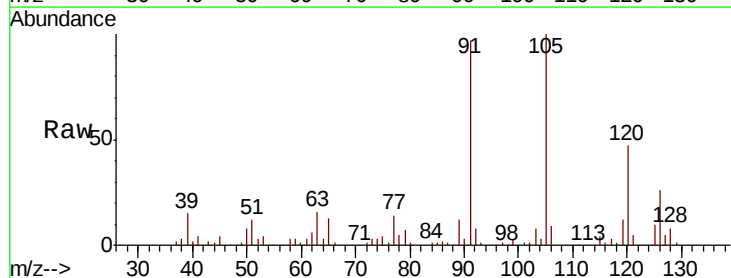
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

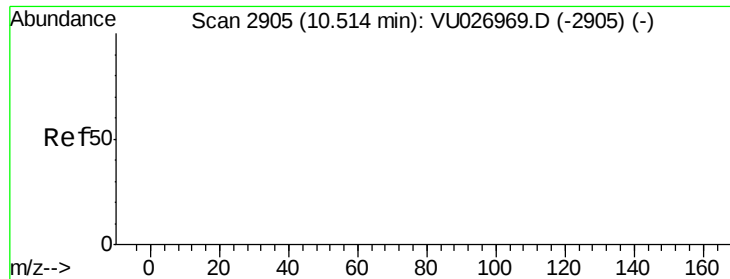
Tot Ion: 91 Resp: 223402
 Ion Ratio Lower Upper
 91 100
 126 31.0 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 57.251 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027253.D
 Acq: 28 Sep 2018 02:48

Tgt Ion: 105 Resp: 261307
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 205.316 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU027253.D

Acq: 28 Sep 2018 02:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

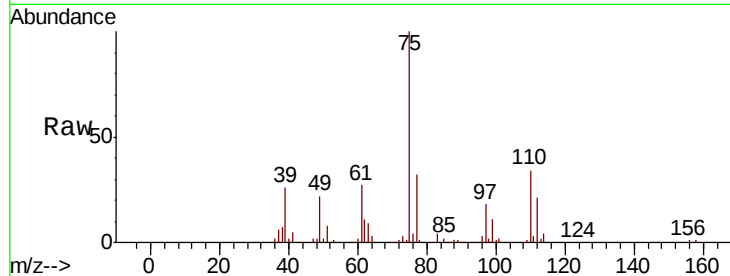
Tot Ion: 75 Resp: 141674

Ion Ratio Lower Upper

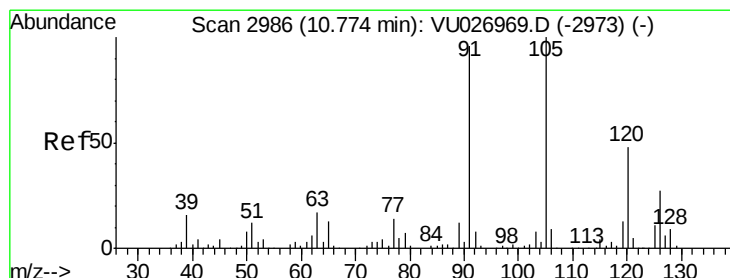
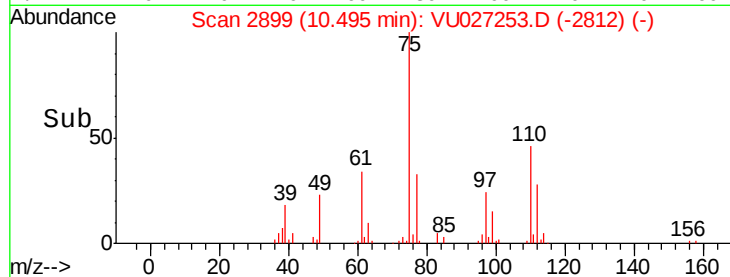
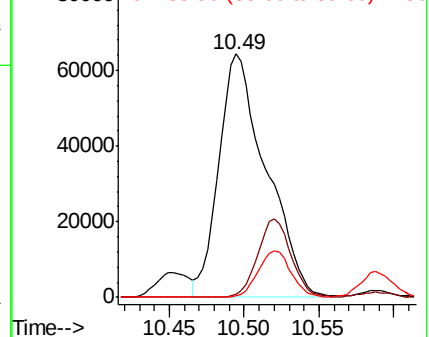
75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0



#82

4-Chlorotoluene

Concen: 55.934 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027253.D

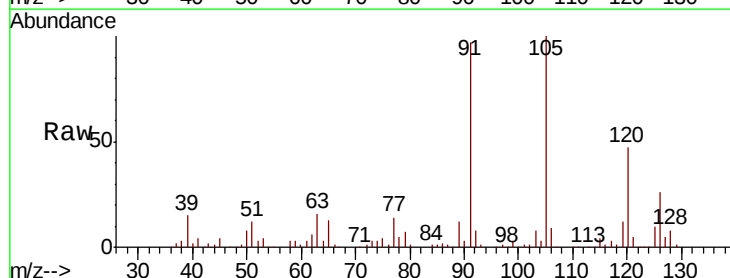
Acq: 28 Sep 2018 02:48

Tgt Ion: 91 Resp: 257737

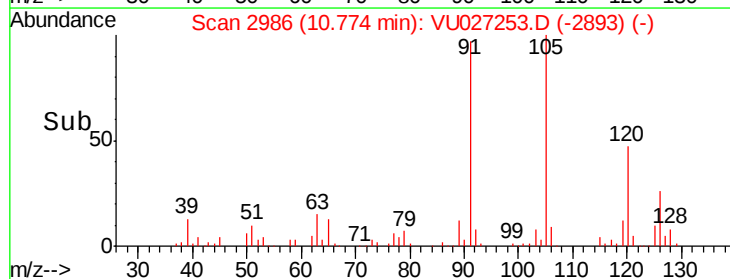
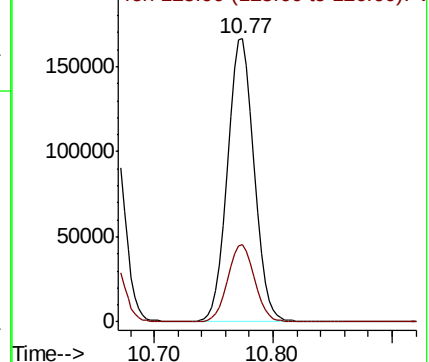
Ion Ratio Lower Upper

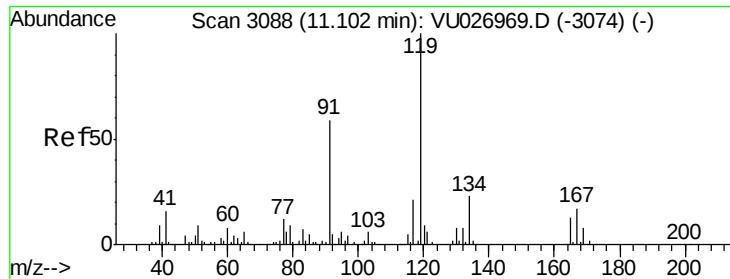
91 100

126 27.5 14.1 42.2



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 54.522 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. 0.00 min

Lab File: VU027253.D

Acq: 28 Sep 2018 02:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

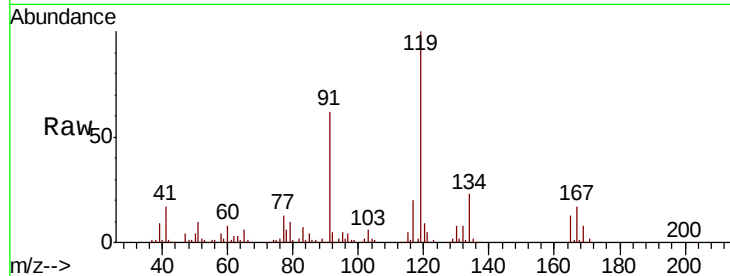
Tot Ion:119 Resp: 246031

Ion Ratio Lower Upper

119 100

91 60.9 29.8 89.4

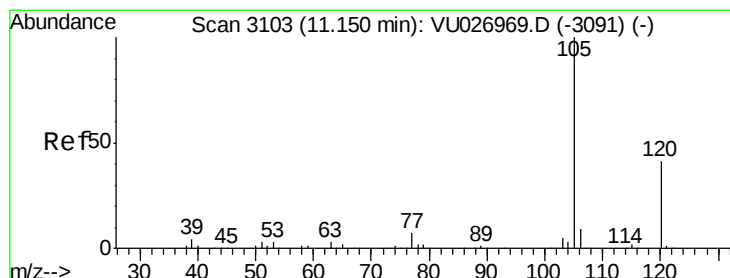
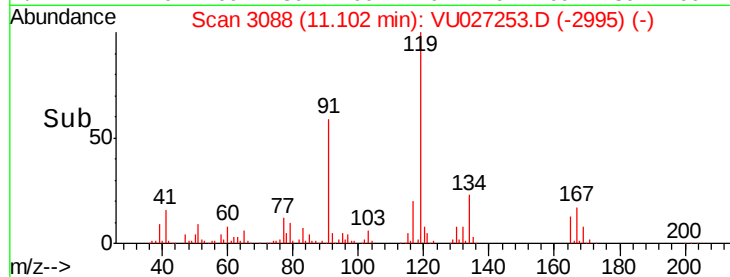
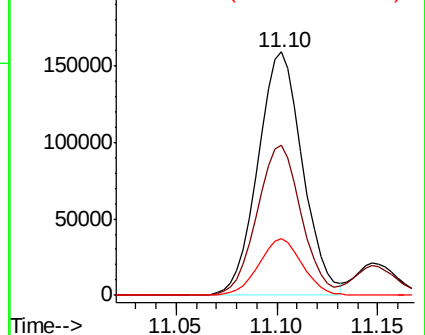
134 22.7 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 57.372 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. -0.00 min

Lab File: VU027253.D

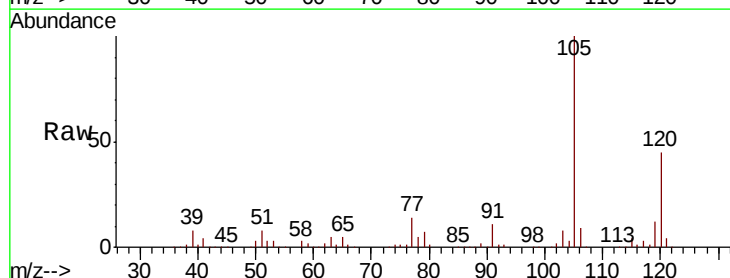
Acq: 28 Sep 2018 02:48

Tgt Ion:105 Resp: 266493

Ion Ratio Lower Upper

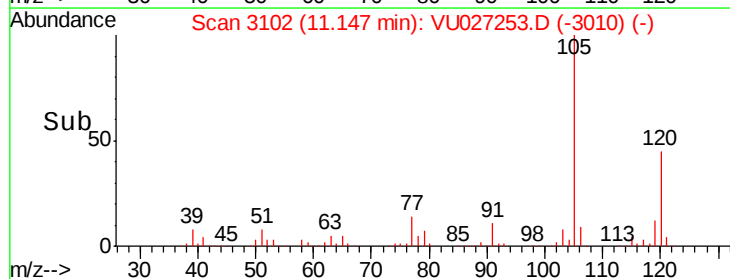
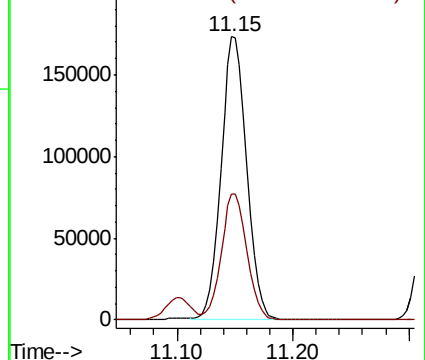
105 100

120 44.3 22.4 67.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

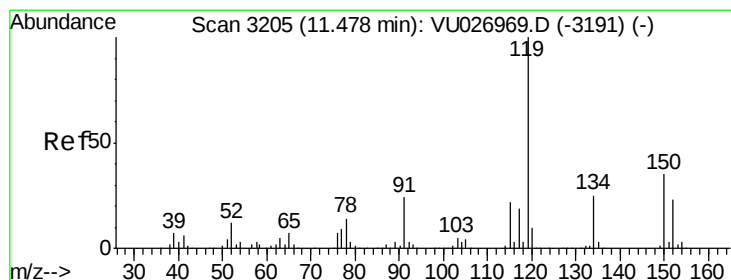
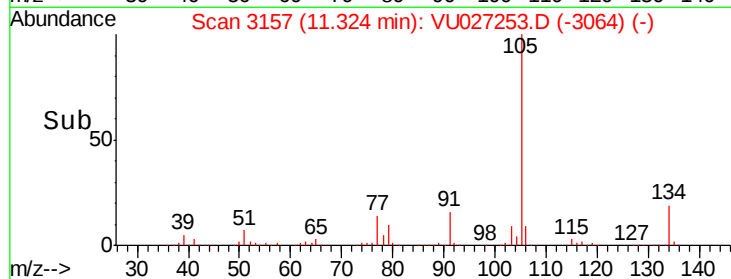
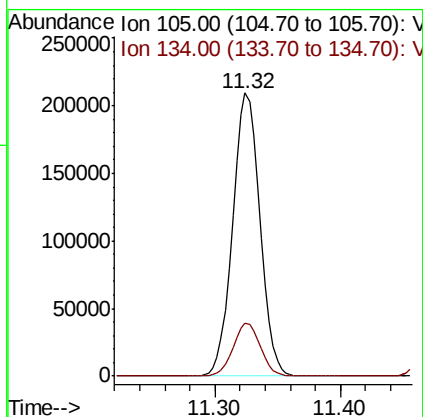
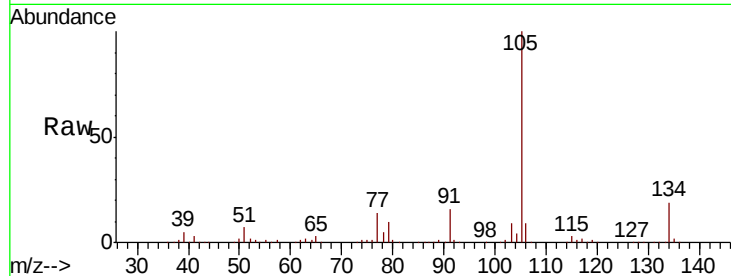




#85
 sec-Butylbenzene
 Concen: 57.309 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027253.D
 Acq: 28 Sep 2018 02:48

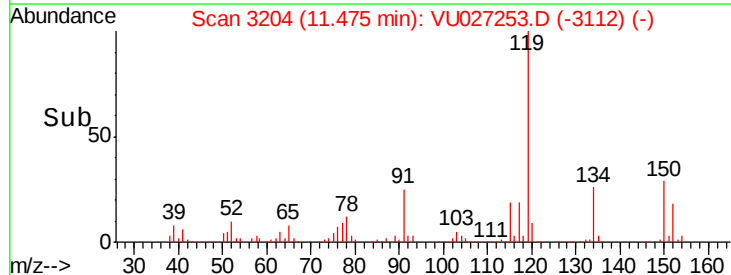
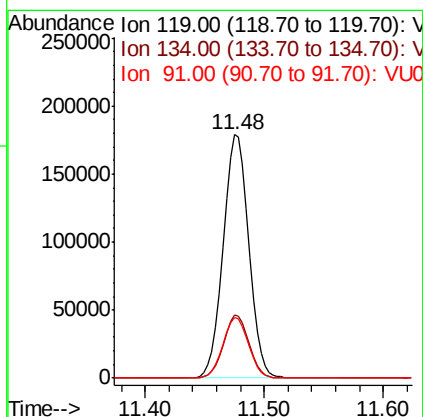
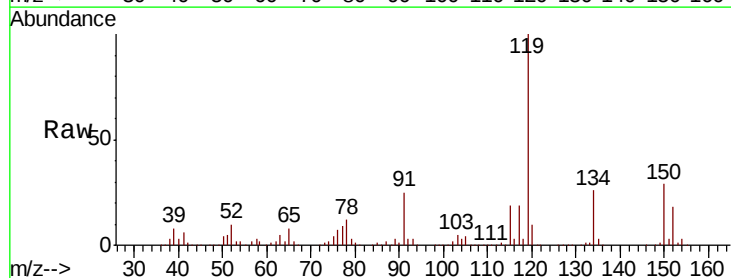
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 315682
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 51.569 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027253.D
 Acq: 28 Sep 2018 02:48

Tgt Ion:119 Resp: 266699
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.3
 91 24.9 12.3 36.8

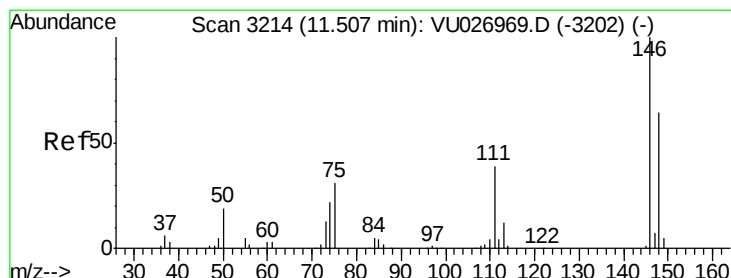
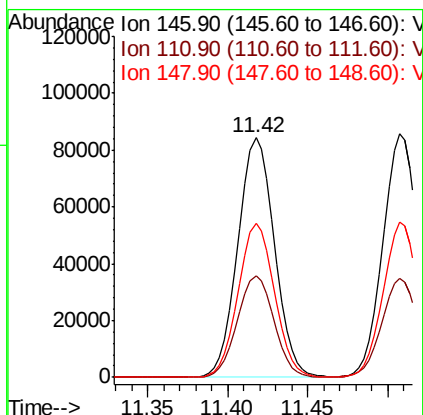
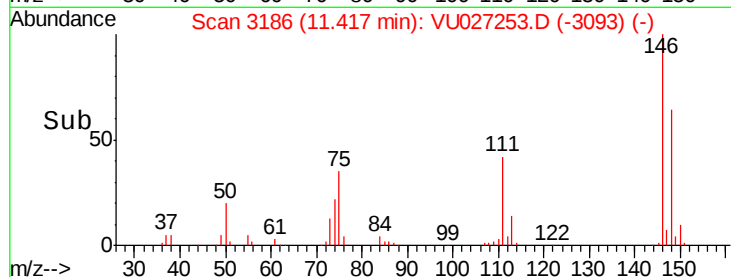
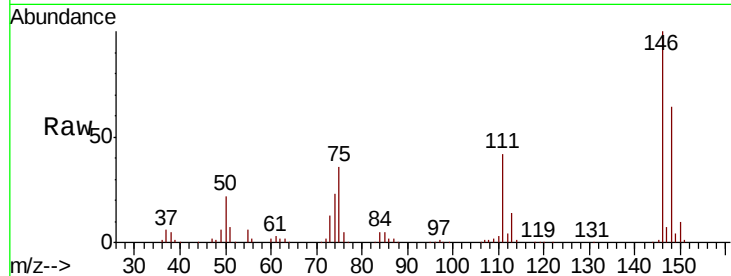




#87
 1,3-Dichlorobenzene
 Concen: 52.213 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027253.D
 Acq: 28 Sep 2018 02:48

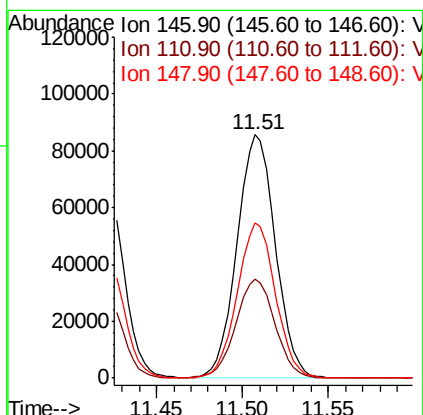
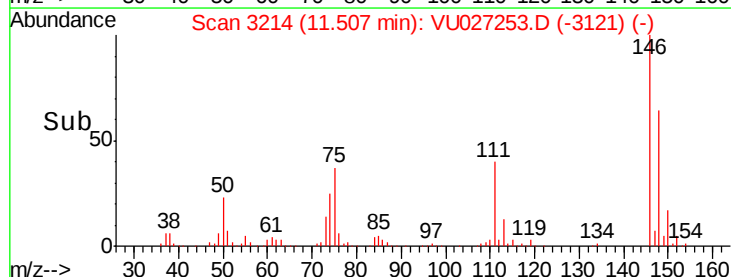
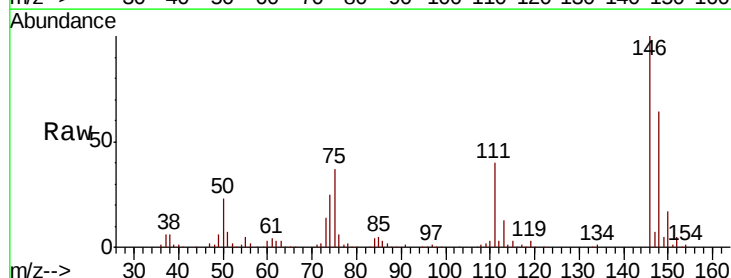
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

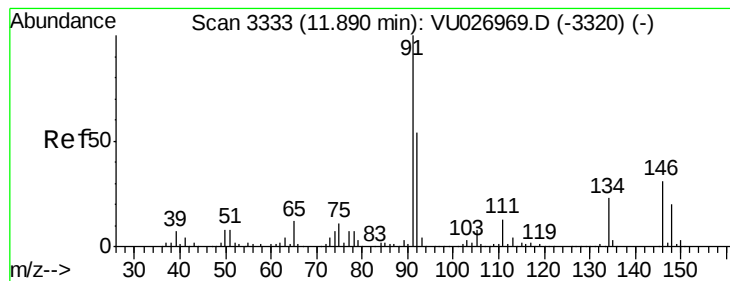
Tot Ion:146 Resp: 131283
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.8 62.2
 148 63.6 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 48.319 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027253.D
 Acq: 28 Sep 2018 02:48

Tgt Ion:146 Resp: 132412
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.3 60.9
 148 64.1 31.9 95.9





#89

n-Butylbenzene

Concen: 50.104 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VU027253.D

Acq: 28 Sep 2018 02:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

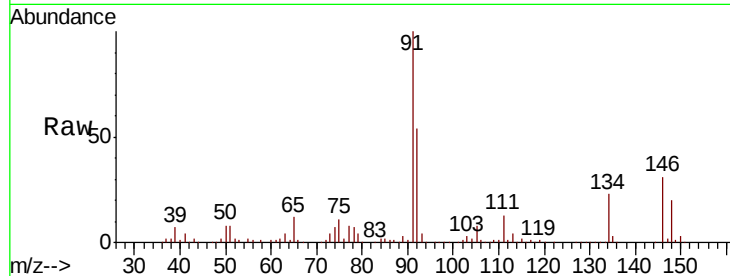
Tot Ion: 91 Resp: 251068

Ion Ratio Lower Upper

91 100

92 53.3 27.1 81.2

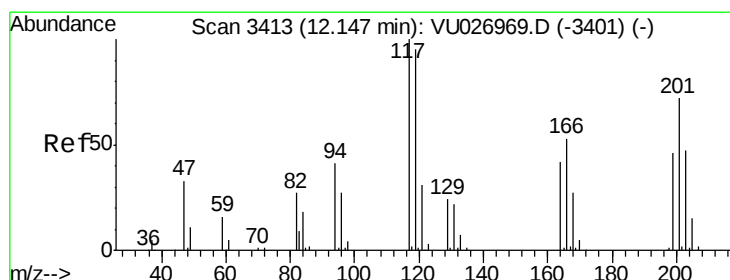
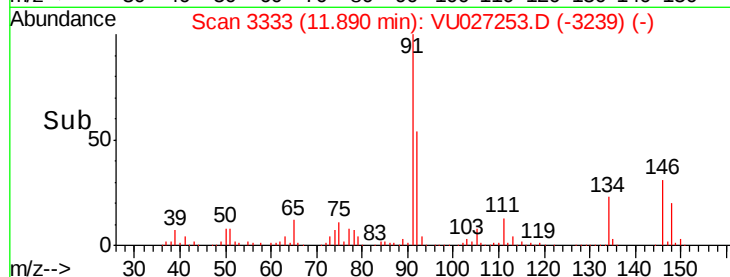
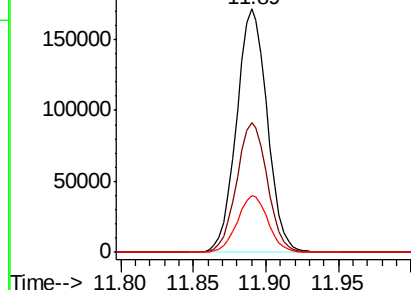
134 23.3 11.7 35.0



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: 48.620 ug/l

RT: 12.15 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VU027253.D

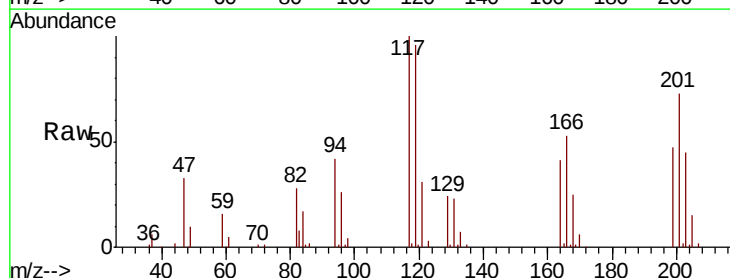
Acq: 28 Sep 2018 02:48

Tgt Ion: 117 Resp: 48702

Ion Ratio Lower Upper

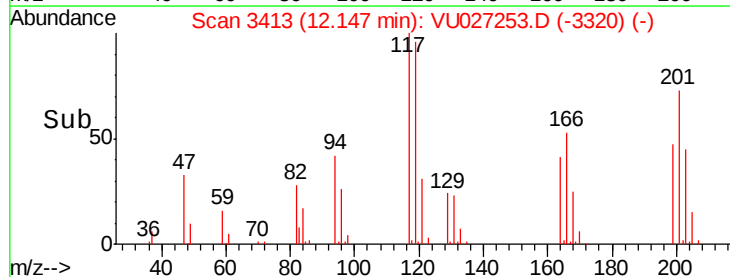
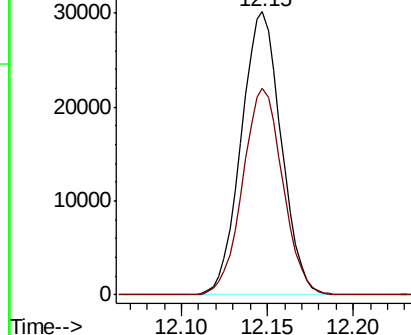
117 100

201 73.2 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) (-)

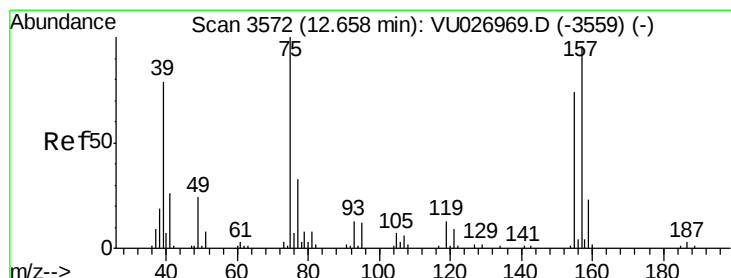
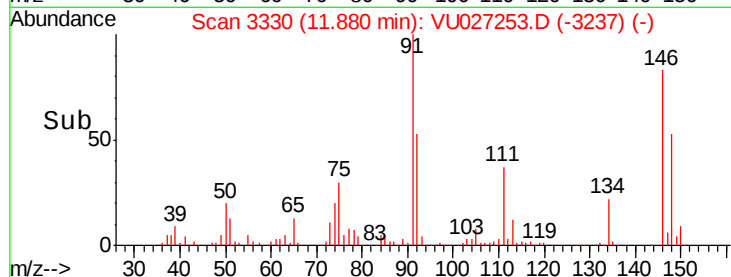
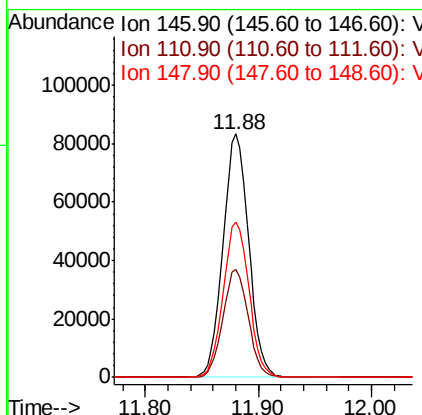
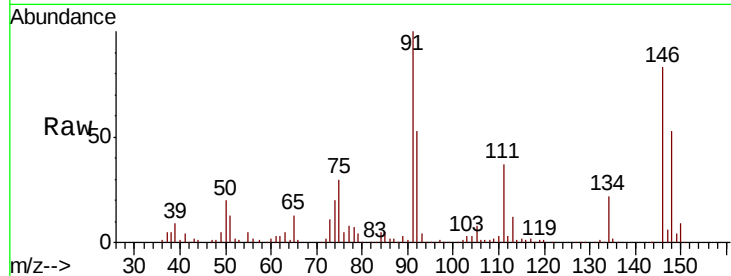




#91
 1,2-Dichlorobenzene
 Concen: 49.438 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027253.D
 Acq: 28 Sep 2018 02:48

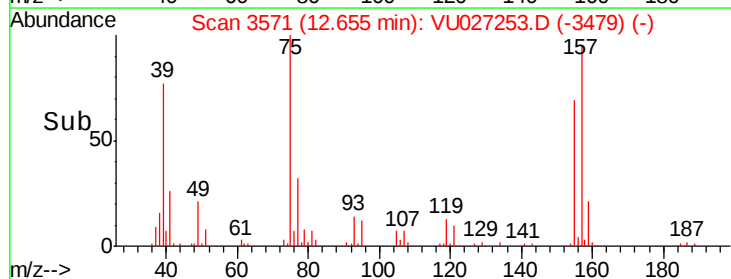
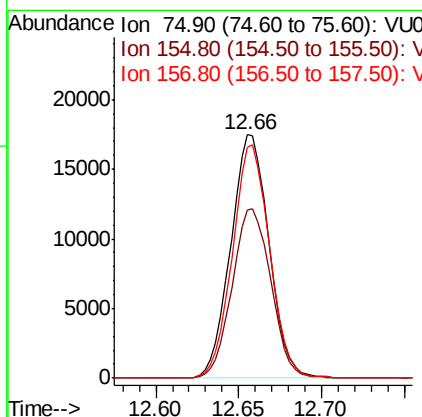
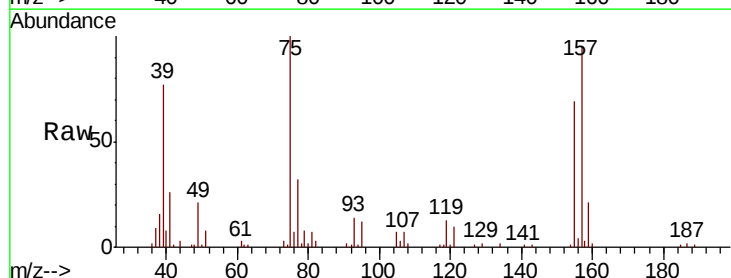
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

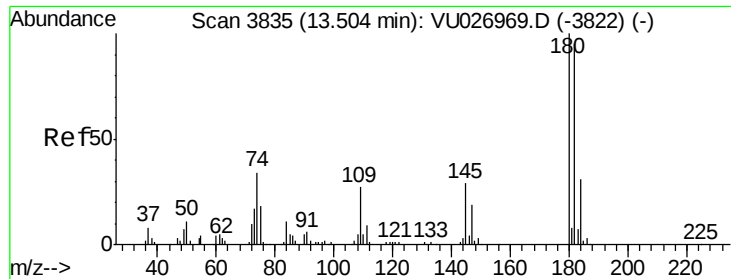
Tot Ion:146 Resp: 132043
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.8 65.3
 148 64.0 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.017 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU027253.D
 Acq: 28 Sep 2018 02:48

Tgt Ion: 75 Resp: 28014
 Ion Ratio Lower Upper
 75 100
 155 70.5 36.6 109.8
 157 93.0 47.4 142.2

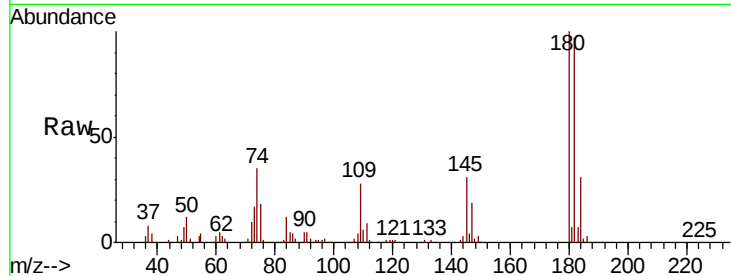




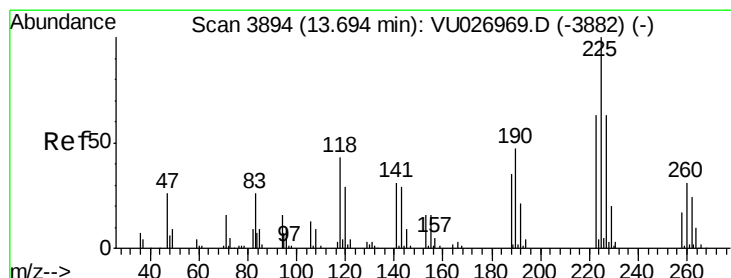
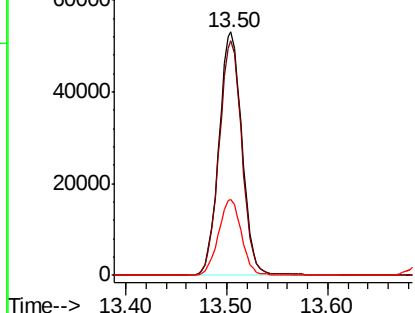
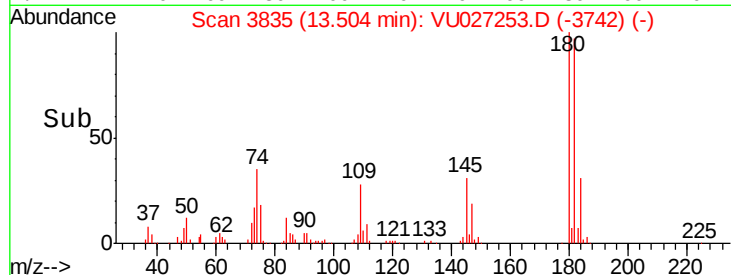
#93
 1,2,4-Trichlorobenzene
 Concen: 55.150 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027253.D
 Acq: 28 Sep 2018 02:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 84883
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.4 142.2
 145 30.9 14.9 44.5

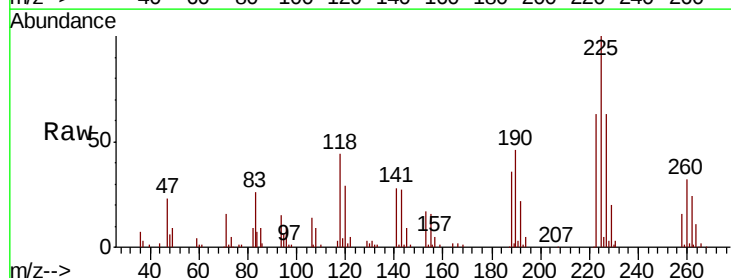


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

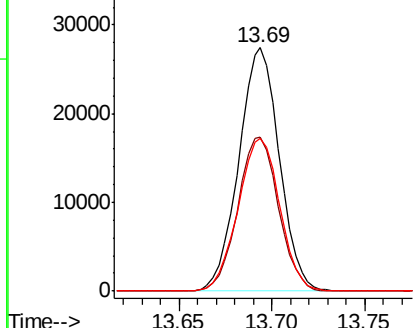
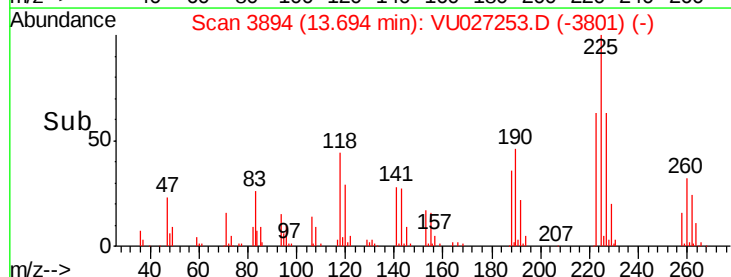


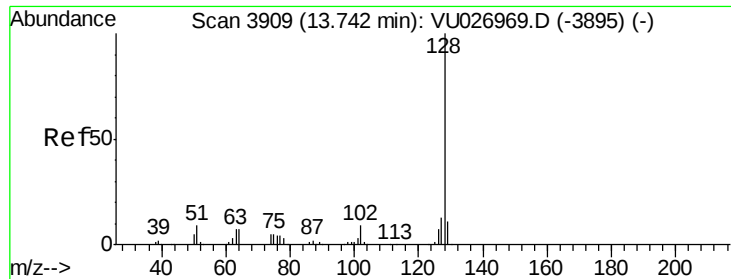
#94
 Hexachlorobutadiene
 Concen: 51.257 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027253.D
 Acq: 28 Sep 2018 02:48

Tgt Ion:225 Resp: 41743
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.9 95.7
 227 64.4 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

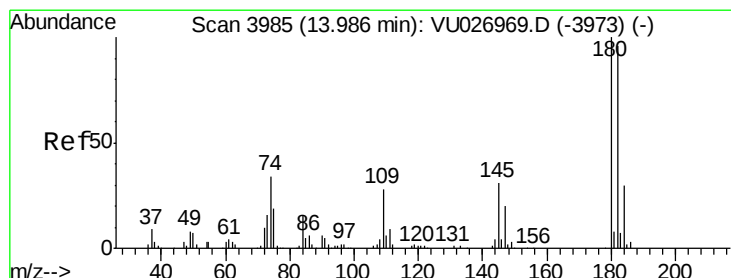
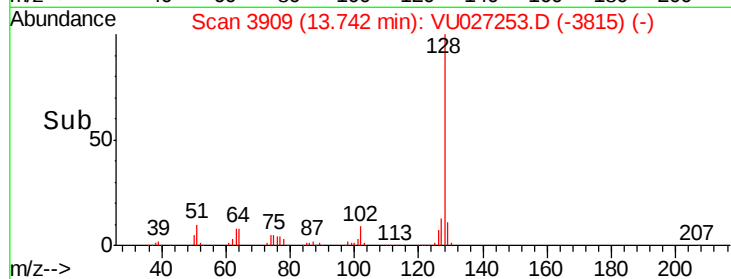
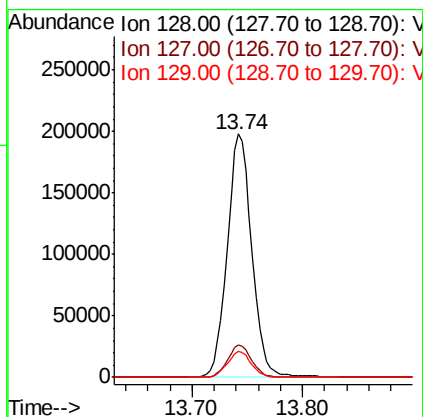
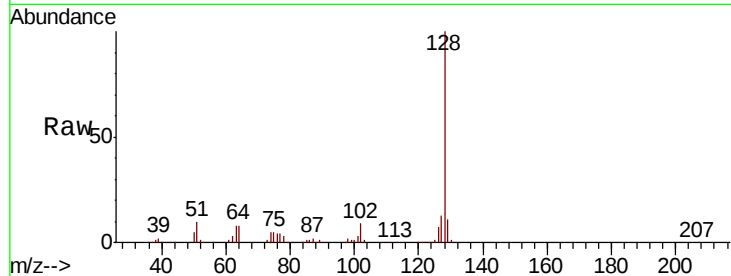




#95
Naphthalene
Concen: 50.796 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027253.D
Acq: 28 Sep 2018 02:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 305843
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.6 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 54.462 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027253.D
Acq: 28 Sep 2018 02:48

Tgt Ion:180 Resp: 89893
Ion Ratio Lower Upper
180 100
182 94.8 47.5 142.5
145 31.8 15.4 46.4

