

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
 Data File : VU027412.D
 Acq On : 04 Oct 2018 16:45
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 05 03:15:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	142167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	236583	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	217862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	114596	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	97553	41.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.18%	
35) Dibromofluoromethane	4.88	113	73187	45.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.28%	
50) Toluene-d8	7.57	98	278276	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	
62) 4-Bromofluorobenzene	10.31	95	105050	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.21	85	93698	45.714	ug/l 99
3) Chloromethane	1.33	50	113899	41.046	ug/l 99
4) Vinyl Chloride	1.40	62	113557	43.533	ug/l 99
5) Bromomethane	1.62	94	66273	58.716	ug/l 99
6) Chloroethane	1.69	64	67285	42.926	ug/l 99
7) Trichlorofluoromethane	1.88	101	120576	45.557	ug/l 100
8) Diethyl Ether	2.11	74	55246	45.313	ug/l 92
9) 1,1,2-Trichlorotrifluoroet	2.29	101	74306	48.343	ug/l 98
10) Methyl Iodide	2.41	142	68811	50.967	ug/l 97
11) Tert butyl alcohol	2.83	59	109971	219.980	ug/l 100
12) 1,1-Dichloroethene	2.28	96	69111	46.022	ug/l 99
13) Acrolein	2.20	56	42900	102.270	ug/l 99
14) Allyl chloride	2.59	41	153862	43.146	ug/l 97
15) Acrylonitrile	2.94	53	300739	231.135	ug/l 99
16) Acetone	2.32	43	277584	197.930	ug/l 97
17) Carbon Disulfide	2.48	76	214275	39.563	ug/l 100
18) Methyl Acetate	2.62	43	155006	48.450	ug/l 99
19) Methyl tert-butyl Ether	3.00	73	281264	46.744	ug/l 98
20) Methylene Chloride	2.70	84	87350	44.714	ug/l 96
21) trans-1,2-Dichloroethene	2.98	96	76877	45.598	ug/l 99
22) Diisopropyl ether	3.58	45	328614	45.338	ug/l 99
23) Vinyl Acetate	3.53	43	1419191	224.209	ug/l 99
24) 1,1-Dichloroethane	3.45	63	168292	45.166	ug/l 100
25) 2-Butanone	4.26	43	426067	222.788	ug/l 97
26) 2,2-Dichloropropane	4.23	77	136062	44.440	ug/l 98
27) cis-1,2-Dichloroethene	4.23	96	88346	45.821	ug/l 99
28) Bromochloromethane	4.55	49	85986	47.832	ug/l 96
29) Tetrahydrofuran	4.64	42	273962	227.309	ug/l 97
30) Chloroform	4.67	83	149857	45.267	ug/l 100
31) Cyclohexane	5.00	56	158226	41.517	ug/l 97
32) 1,1,1-Trichloroethane	4.92	97	125756	45.104	ug/l 99
36) 1,1-Dichloropropene	5.14	75	120534	46.923	ug/l 99
37) Ethyl Acetate	4.38	43	152956	46.073	ug/l 99
38) Carbon Tetrachloride	5.14	117	104529	45.048	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	142529	47.466	ug/l	97
40) Benzene	5.39	78	350571	46.852	ug/l	100
41) Methacrylonitrile	4.54	41	87067	46.400	ug/l	99
42) 1,2-Dichloroethane	5.40	62	128120	46.129	ug/l	100
43) Isopropyl Acetate	5.55	43	243321	47.191	ug/l	99
44) Trichloroethene	6.19	130	79930	47.907	ug/l	99
45) 1,2-Dichloropropane	6.43	63	101046	46.820	ug/l	99
46) Dibromomethane	6.56	93	57829	47.443	ug/l	98
47) Bromodichloromethane	6.76	83	115496	45.664	ug/l	99
48) Methyl methacrylate	6.62	41	122318	47.705	ug/l	99
49) 1,4-Dioxane	6.61	88	44307	1004.314	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	790564	235.954	ug/l	98
52) Toluene	7.64	92	209661	47.340	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	142033	47.895	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	152368	47.795	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	84534	48.141	ug/l	98
56) Ethyl methacrylate	8.02	69	145961	43.706	ug/l	97
57) 1,3-Dichloropropane	8.24	76	159517	46.796	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	411977	223.981	ug/l	98
59) 2-Hexanone	8.36	43	618806	238.089	ug/l	99
60) Dibromochloromethane	8.48	129	83784	47.574	ug/l	99
61) 1,2-Dibromoethane	8.59	107	88703	47.511	ug/l	99
64) Tetrachloroethene	8.23	164	67347	49.658	ug/l	99
65) Chlorobenzene	9.12	112	222355	48.487	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	75961	47.982	ug/l	99
67) Ethyl Benzene	9.25	91	404096	49.736	ug/l	100
68) m/p-Xylenes	9.38	106	300602	101.147	ug/l	100
69) o-Xylene	9.78	106	144022	50.996	ug/l	98
70) Styrene	9.79	104	244159	46.422	ug/l	99
71) Bromoform	9.96	173	61150	48.010	ug/l #	99
73) Isopropylbenzene	10.17	105	394163	47.359	ug/l	99
74) N-amyl acetate	10.02	43	217890	45.730	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	144554	44.232	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	174736	58.822	ug/l	83
77) Bromobenzene	10.45	156	90913	47.001	ug/l	96
78) n-propylbenzene	10.59	91	486268	48.622	ug/l	99
79) 2-Chlorotoluene	10.66	91	278587	46.135	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	330019	48.703	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	174736	153.943	ug/l #	100
82) 4-Chlorotoluene	10.77	91	328523	47.941	ug/l	99
83) tert-Butylbenzene	11.10	119	316580	48.328	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	342255	49.446	ug/l	99
85) sec-Butylbenzene	11.32	105	407815	49.410	ug/l	99
86) p-Isopropyltoluene	11.48	119	356782	50.486	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	174394	47.614	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	178034	47.567	ug/l	100
89) n-Butylbenzene	11.89	91	357101	47.711	ug/l	99
90) Hexachloroethane	12.15	117	58670	44.044	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	170287	47.764	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	32379	44.705	ug/l	94

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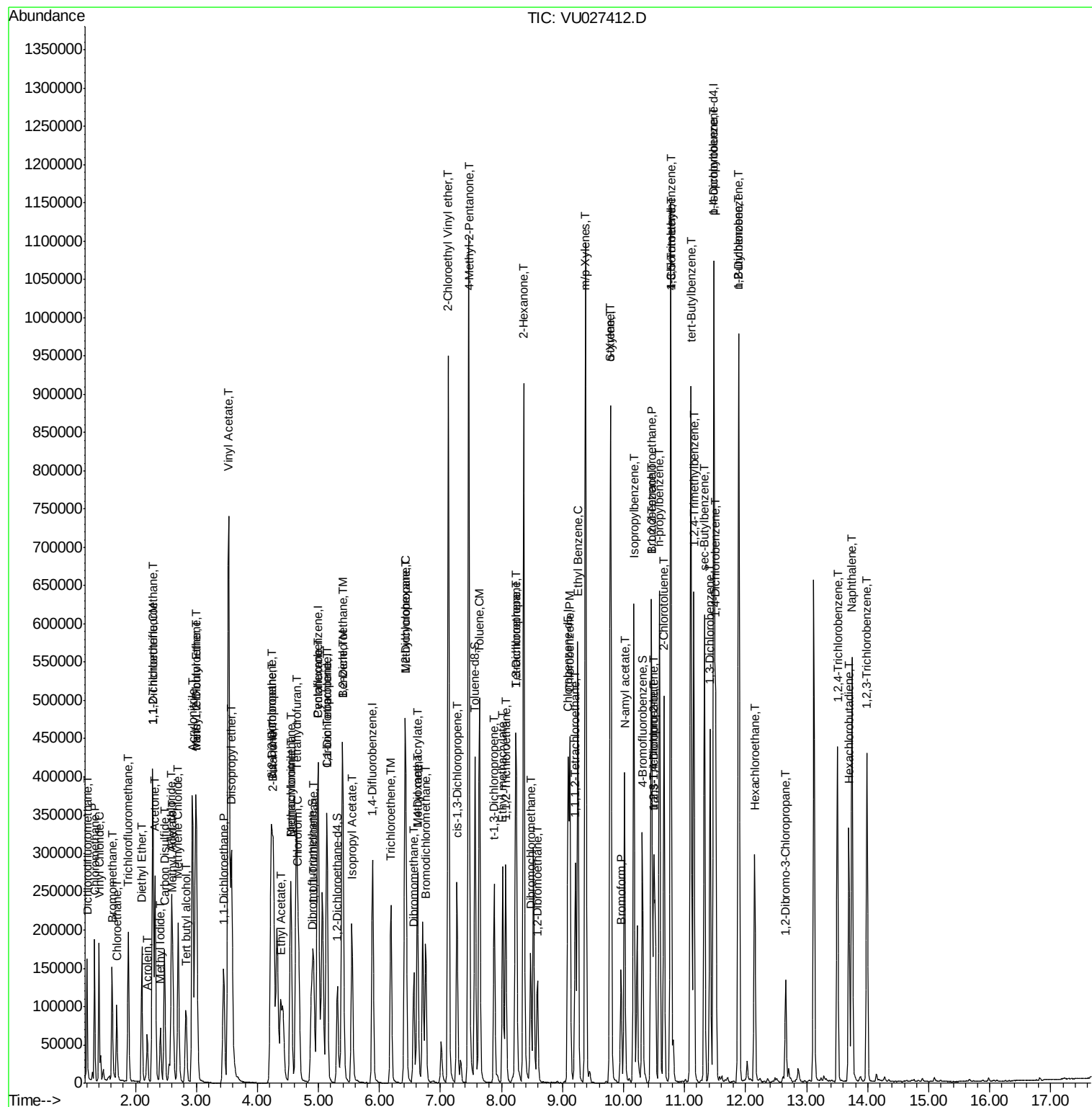
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	128803	55.834	ug/l	99
94) Hexachlorobutadiene	13.69	225	59337	50.910	ug/l	99
95) Naphthalene	13.74	128	411557	47.586	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	128714	53.556	ug/l	99

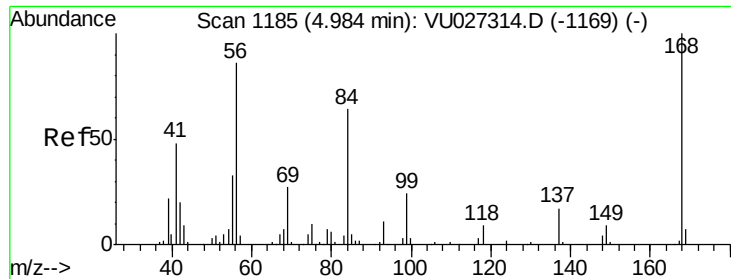
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027412.D

Acq: 04 Oct 2018 16:45

Instrument :

MSVOA_U

ClientSampleId :

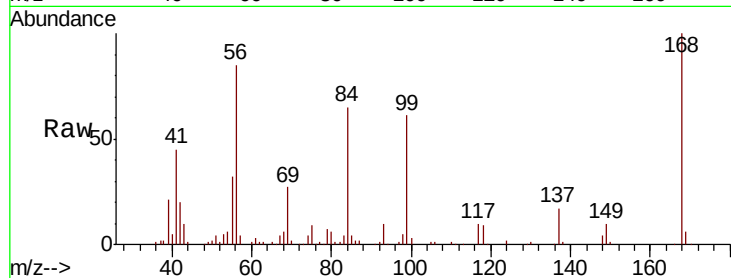
VSTDCCC050

Tgt Ion: 168 Resp: 142167

Ion Ratio Lower Upper

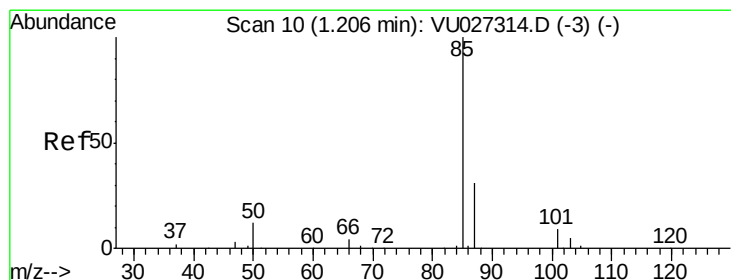
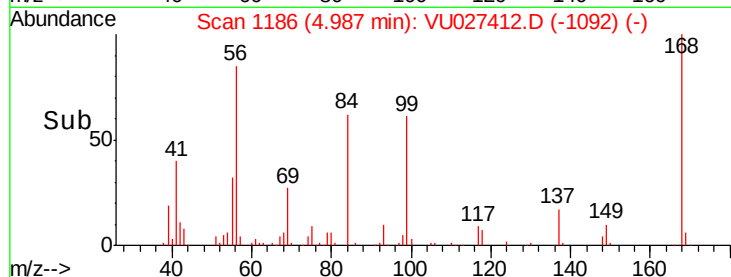
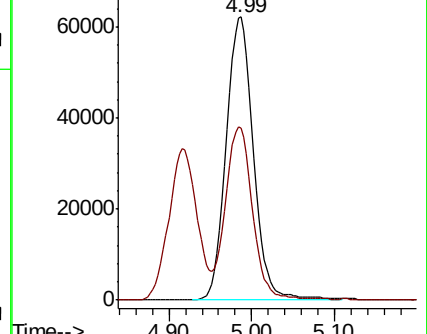
168 100

99 60.2 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)



#2

Dichlorodifluoromethane

Concen: 45.714 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU027412.D

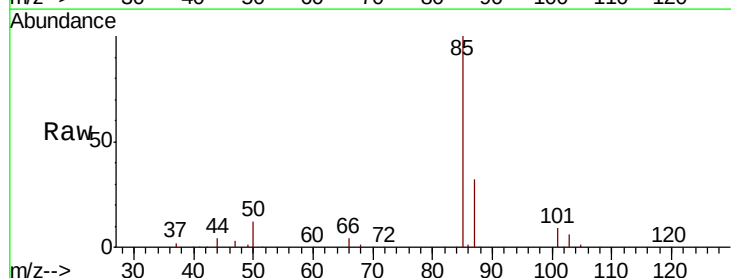
Acq: 04 Oct 2018 16:45

Tgt Ion: 85 Resp: 93698

Ion Ratio Lower Upper

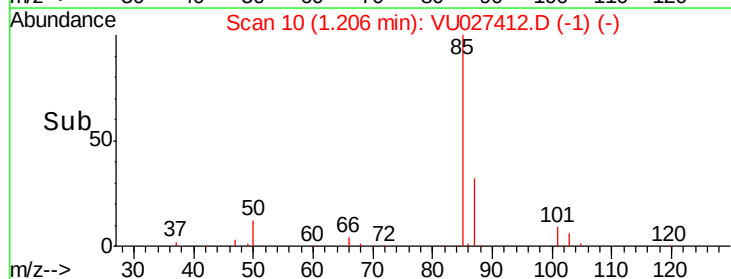
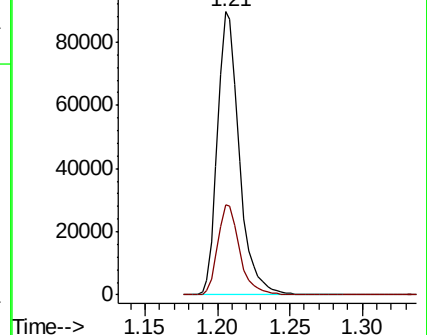
85 100

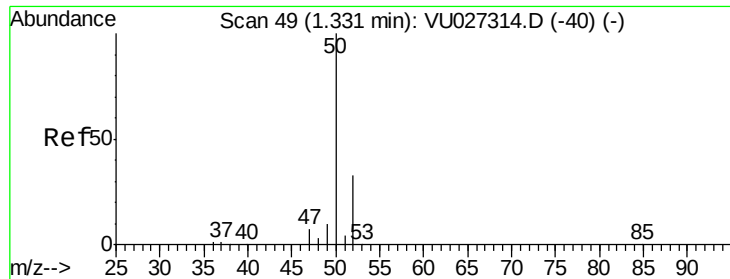
87 31.8 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VU027314.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU027314.D (-3) (-)





#3

Chloromethane

Concen: 41.046 ug/l

RT: 1.33 min Scan# 49

Delta R.T. -0.00 min

Lab File: VU027412.D

Acq: 04 Oct 2018 16:45

Instrument :

MSVOA_U

ClientSampleId :

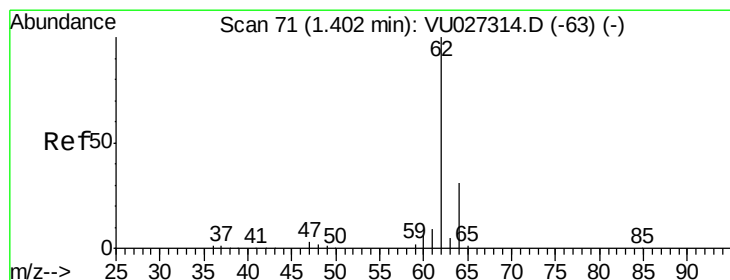
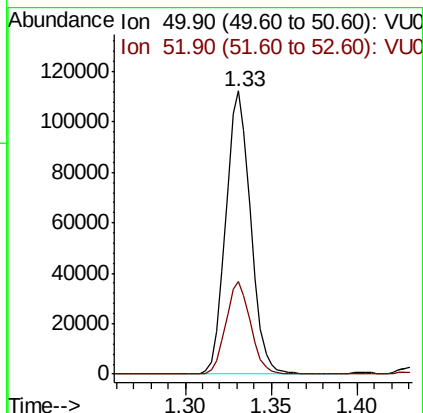
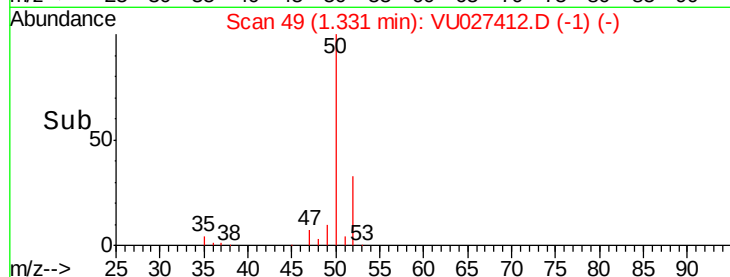
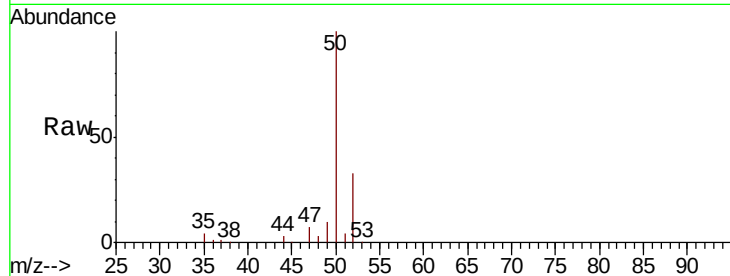
VSTDCCC050

Tgt Ion: 50 Resp: 113899

Ion Ratio Lower Upper

50 100

52 32.5 26.5 39.7



#4

Vinyl Chloride

Concen: 43.533 ug/l

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU027412.D

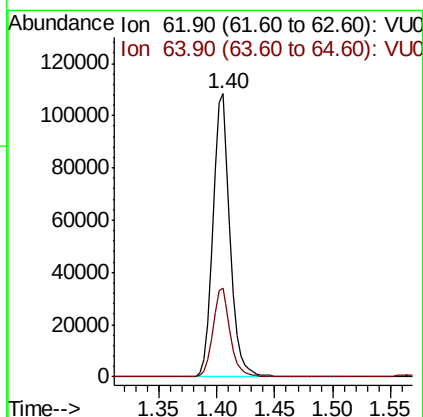
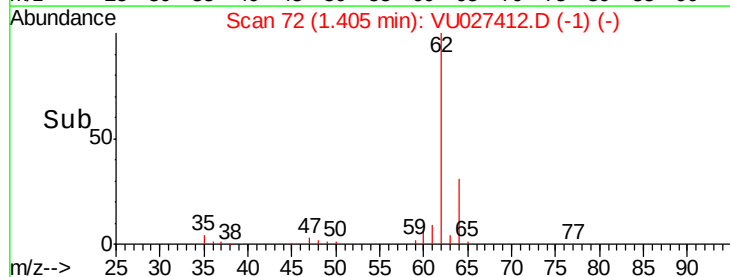
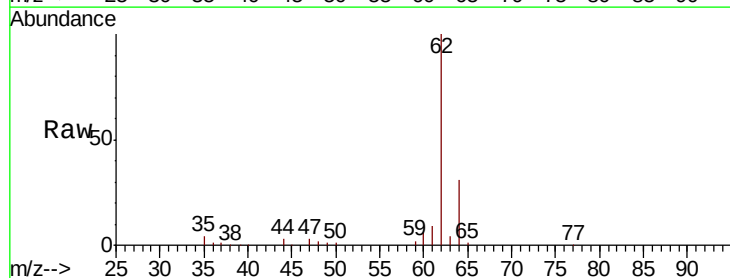
Acq: 04 Oct 2018 16:45

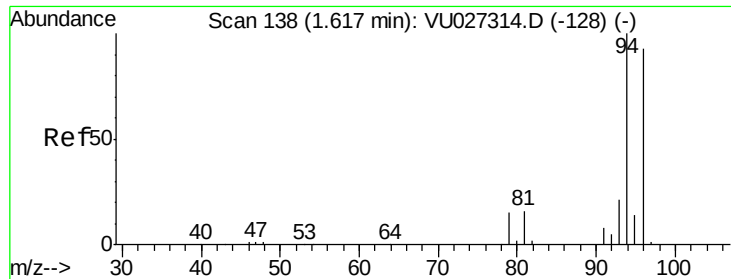
Tgt Ion: 62 Resp: 113557

Ion Ratio Lower Upper

62 100

64 31.4 24.9 37.3

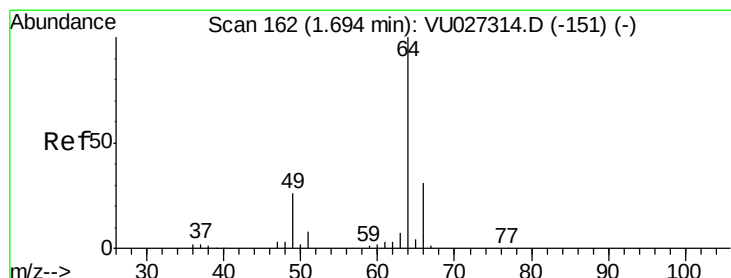
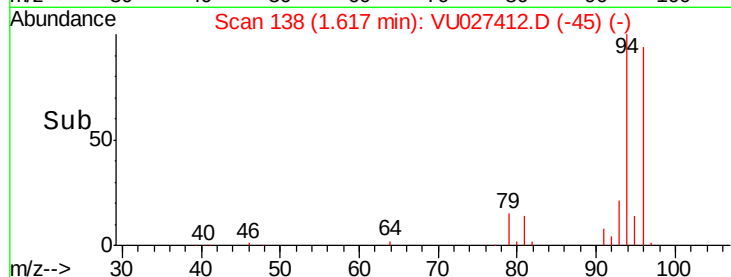
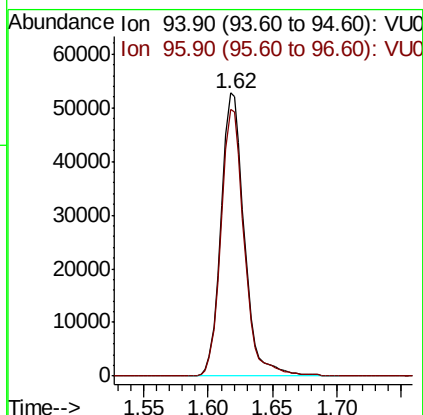
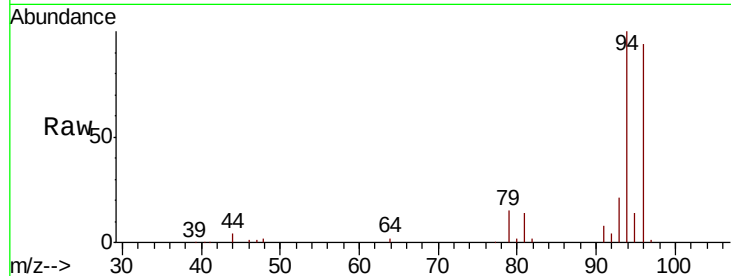




#5
Bromomethane
Concen: 58.716 ug/l
RT: 1.62 min Scan# 138
Delta R.T. -0.00 min
Lab File: VU027412.D
Acq: 04 Oct 2018 16:45

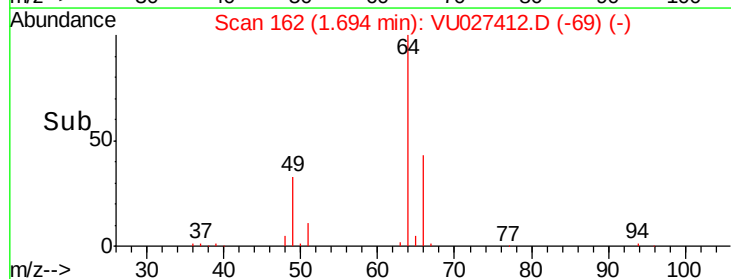
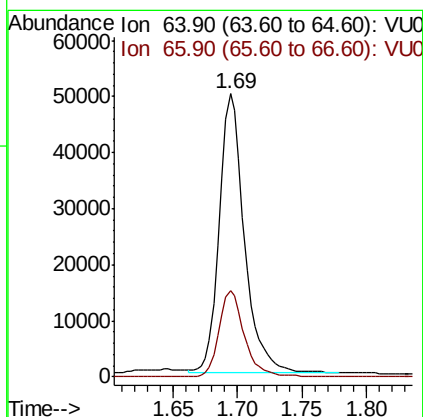
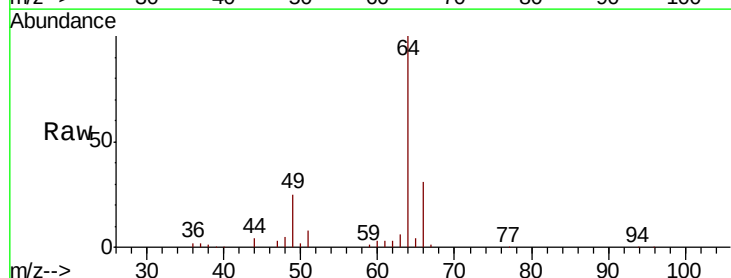
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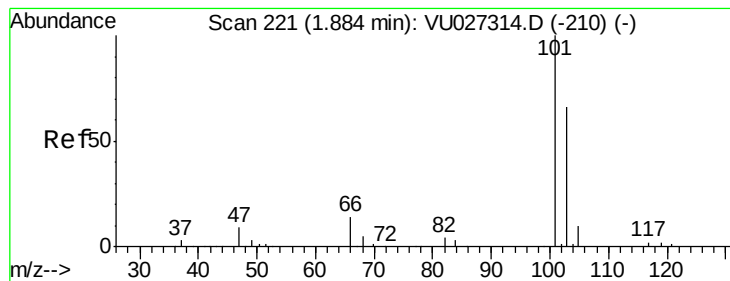
Tgt Ion: 94 Resp: 66273
Ion Ratio Lower Upper
94 100
96 94.4 74.6 111.8



#6
Chloroethane
Concen: 42.926 ug/l
RT: 1.69 min Scan# 162
Delta R.T. -0.00 min
Lab File: VU027412.D
Acq: 04 Oct 2018 16:45

Tgt Ion: 64 Resp: 67285
Ion Ratio Lower Upper
64 100
66 31.1 24.6 36.8



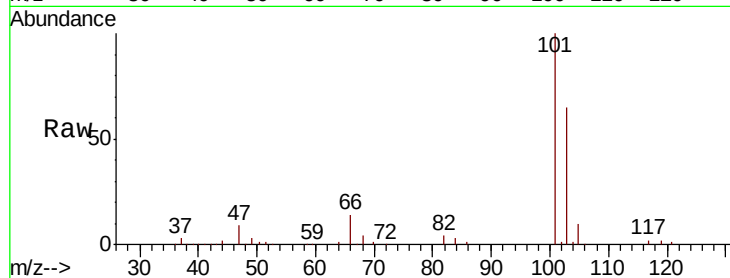


#7

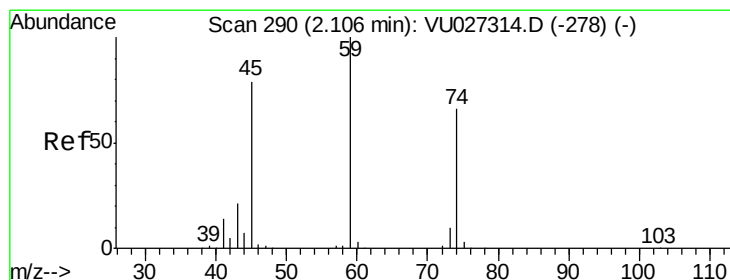
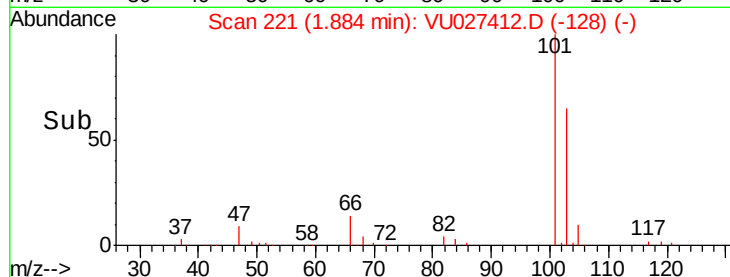
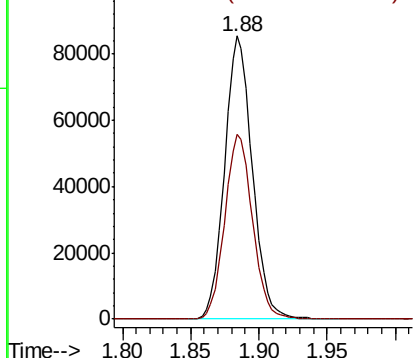
Trichlorofluoromethane
Concen: 45.557 ug/l
RT: 1.88 min Scan# 221
Delta R.T. -0.00 min
Lab File: VU027412.D
Acq: 04 Oct 2018 16:45

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 101 Resp: 120576
Ion Ratio Lower Upper
101 100
103 65.4 52.6 78.8



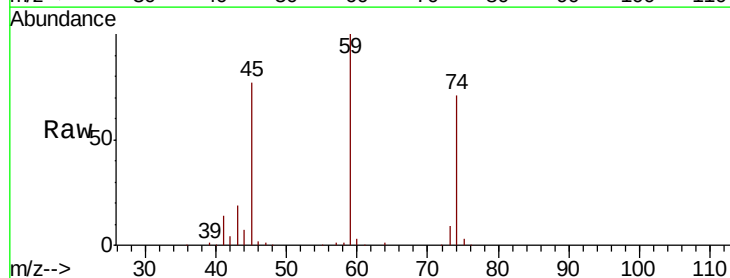
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



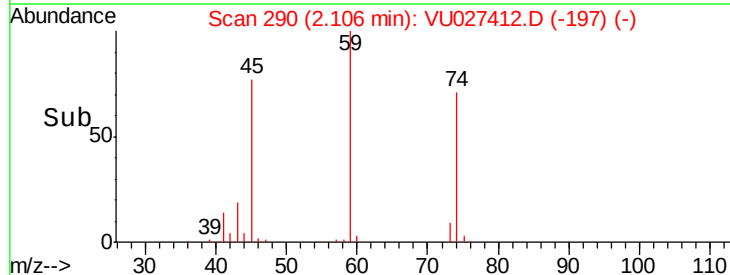
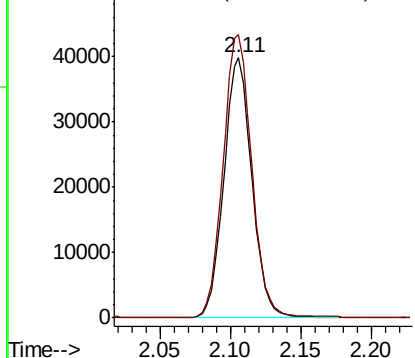
#8

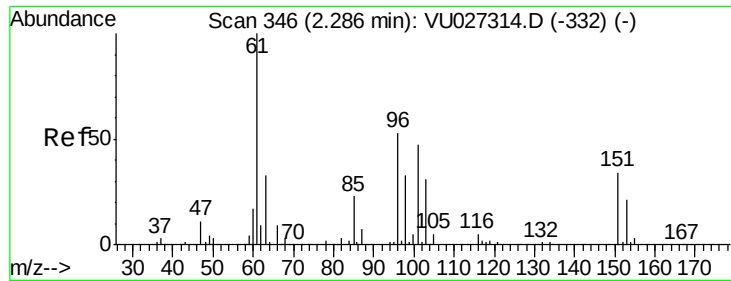
Diethyl Ether
Concen: 45.313 ug/l
RT: 2.11 min Scan# 290
Delta R.T. -0.00 min
Lab File: VU027412.D
Acq: 04 Oct 2018 16:45

Tgt Ion: 74 Resp: 55246
Ion Ratio Lower Upper
74 100
45 111.7 60.4 181.1



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: 48.343 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU027412.D

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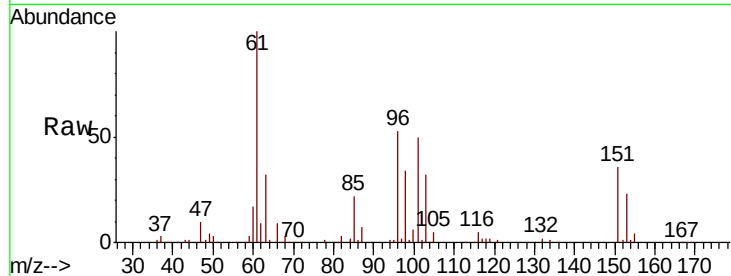
Tgt Ion:101 Resp: 74306

Ion Ratio Lower Upper

101 100

85 45.2 37.5 56.3

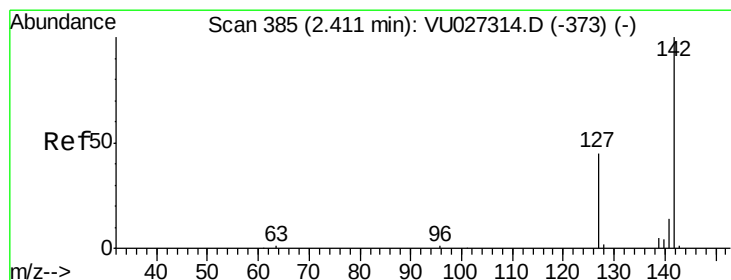
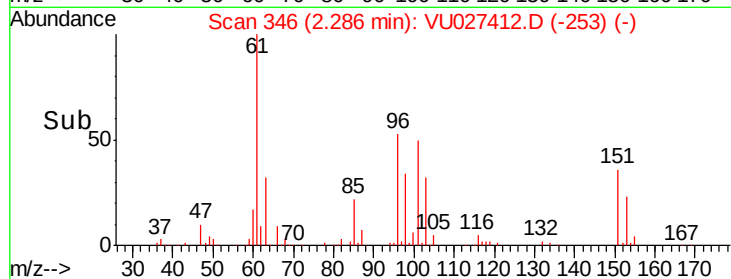
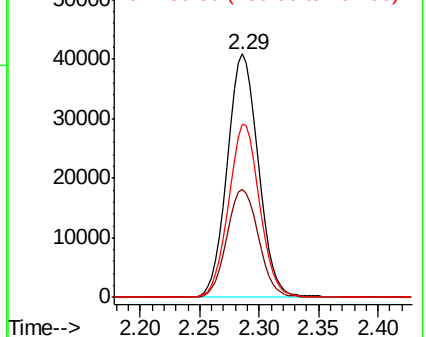
151 71.0 55.6 83.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.967 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU027412.D

Acq: 04 Oct 2018 16:45

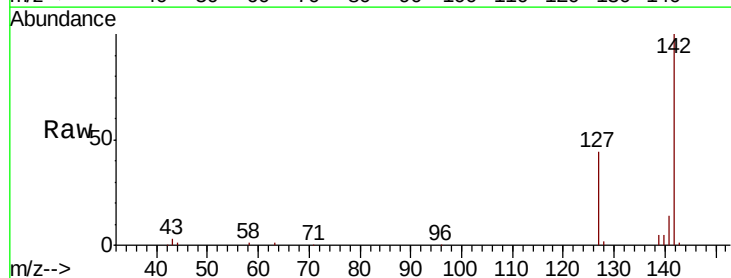
Tgt Ion:142 Resp: 68811

Ion Ratio Lower Upper

142 100

127 43.2 36.3 54.5

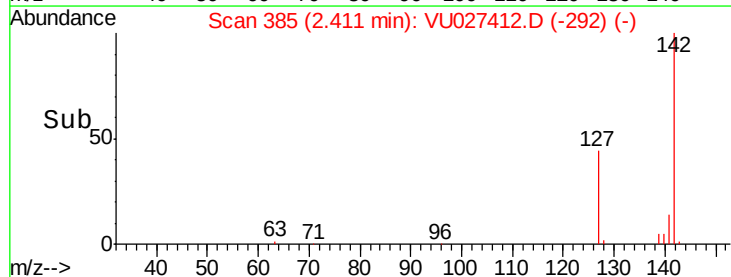
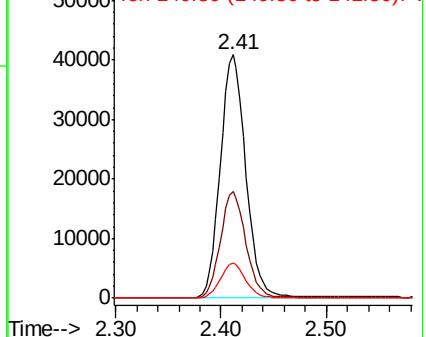
141 14.0 11.6 17.4

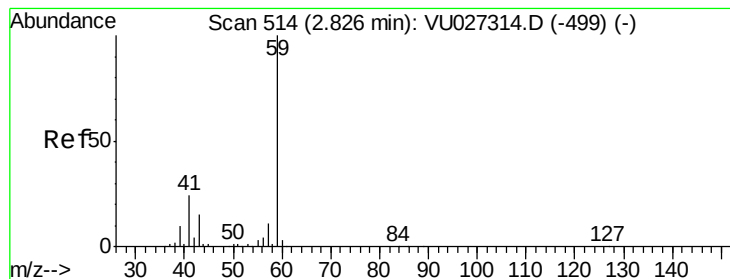


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



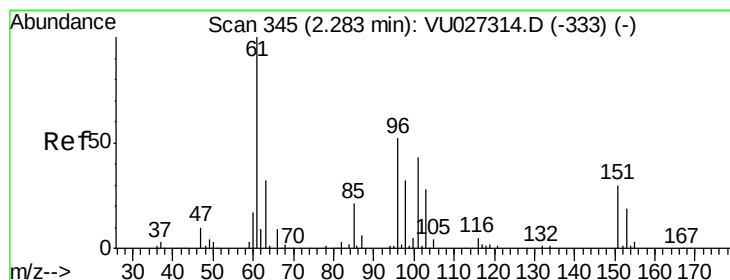
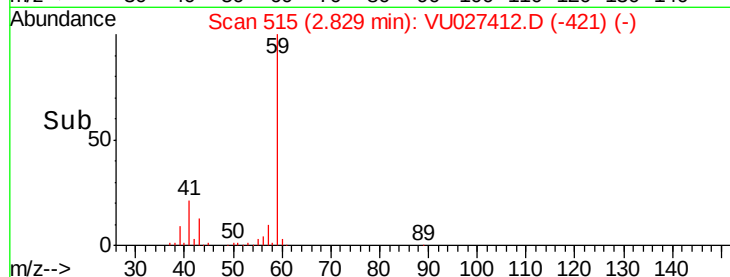
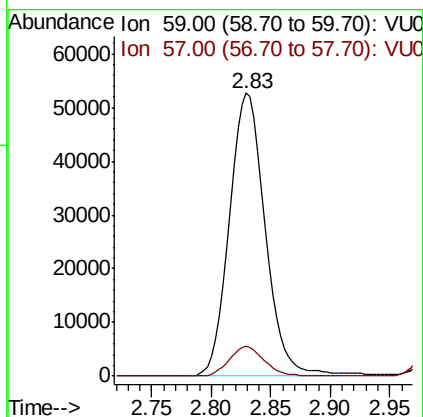
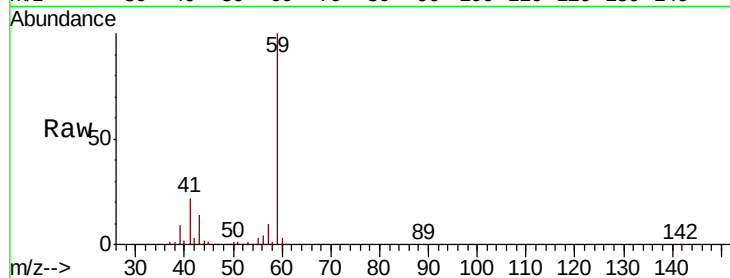


#11

Tert butyl alcohol
 Concen: 219.980 ug/l
 RT: 2.83 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: VU027412.D
 Acq: 04 Oct 2018 16:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

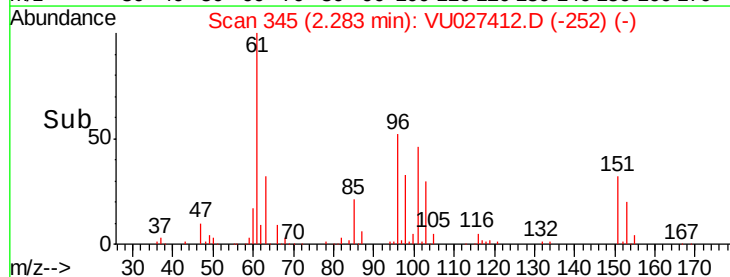
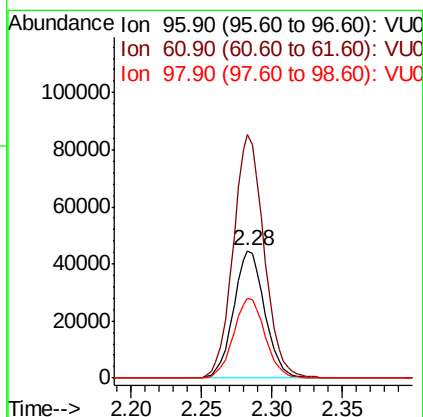
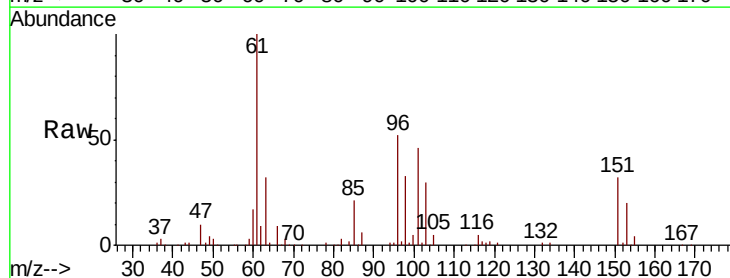
Tgt Ion: 59 Resp: 109971
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.4 12.6

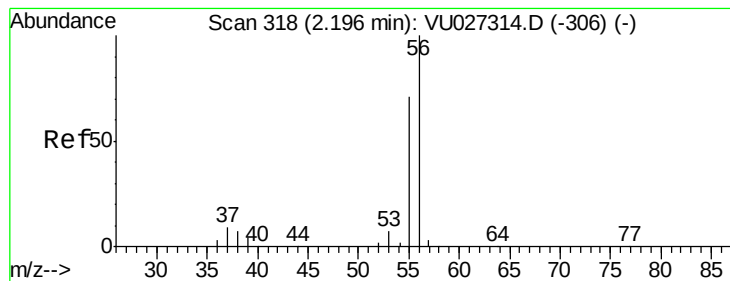


#12

1,1-Dichloroethene
 Concen: 46.022 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VU027412.D
 Acq: 04 Oct 2018 16:45

Tgt Ion: 96 Resp: 69111
 Ion Ratio Lower Upper
 96 100
 61 190.9 153.0 229.6
 98 62.7 49.3 73.9





#13

Acrolein

Concen: 102.270 ug/l

RT: 2.20 min Scan# 318

Delta R.T. -0.00 min

Lab File: VU027412.D

Acq: 04 Oct 2018 16:45

Instrument :

MSVOA_U

ClientSampleId :

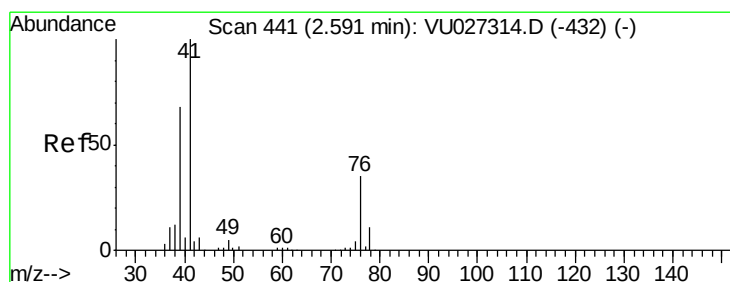
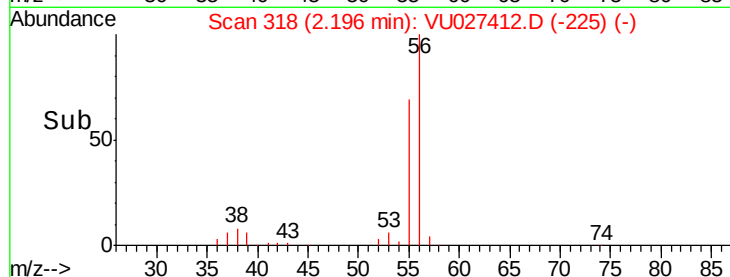
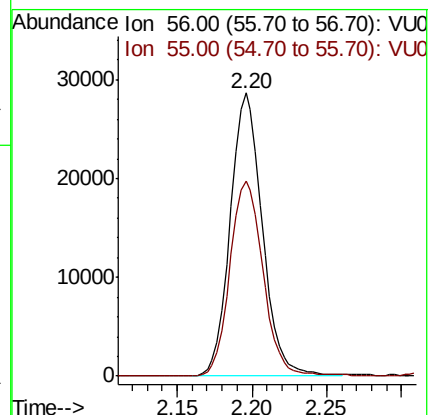
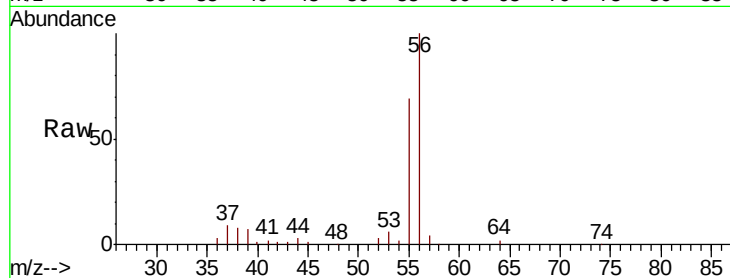
VSTDCCC050

Tgt Ion: 56 Resp: 42900

Ion Ratio Lower Upper

56 100

55 70.9 57.7 86.5



#14

Allyl chloride

Concen: 43.146 ug/l

RT: 2.59 min Scan# 442

Delta R.T. 0.00 min

Lab File: VU027412.D

Acq: 04 Oct 2018 16:45

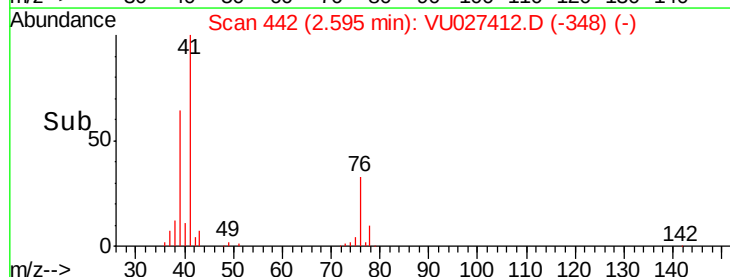
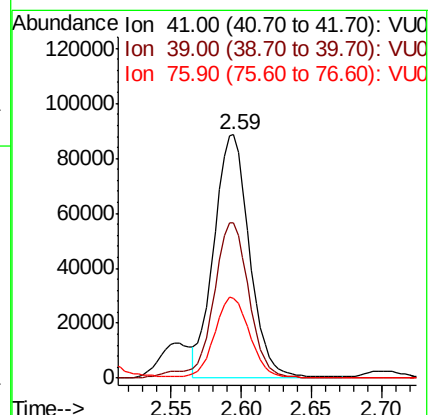
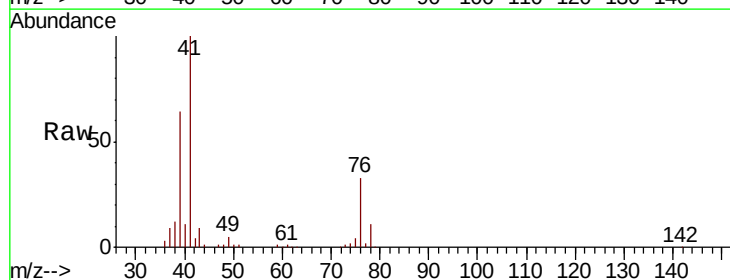
Tgt Ion: 41 Resp: 153862

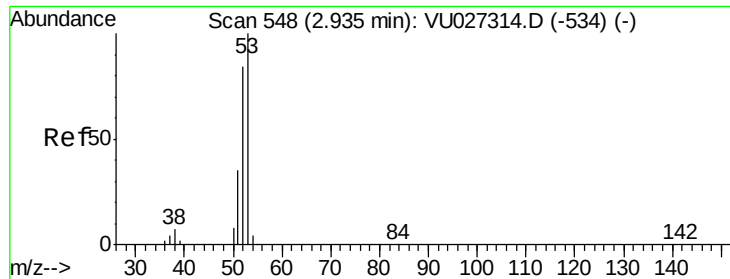
Ion Ratio Lower Upper

41 100

39 62.0 51.8 77.8

76 33.0 25.9 38.9





#15

Acrylonitrile

Concen: 231.135 ug/l

RT: 2.94 min Scan# 548

Delta R.T. -0.00 min

Lab File: VU027412.D

Acq: 04 Oct 2018 16:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

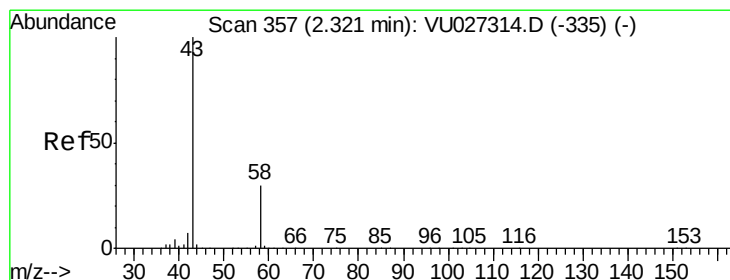
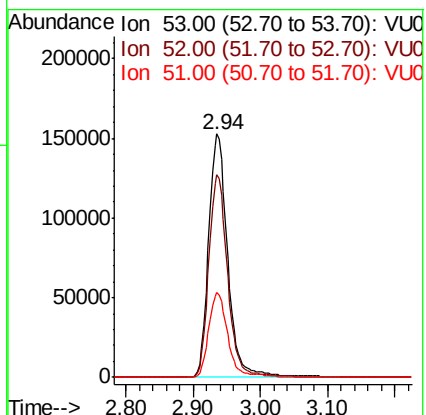
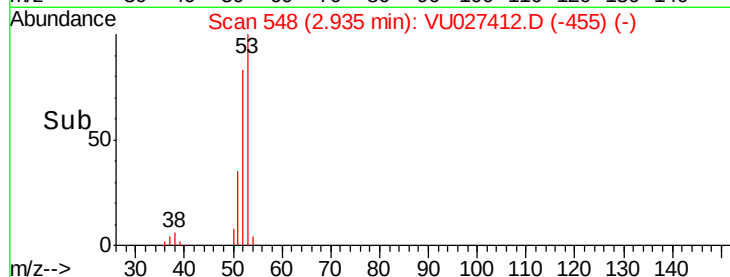
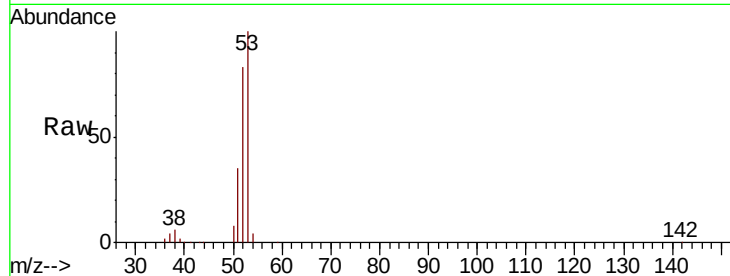
Tgt Ion: 53 Resp: 300739

Ion Ratio Lower Upper

53 100

52 82.2 66.5 99.7

51 35.1 27.6 41.4



#16

Acetone

Concen: 197.930 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027412.D

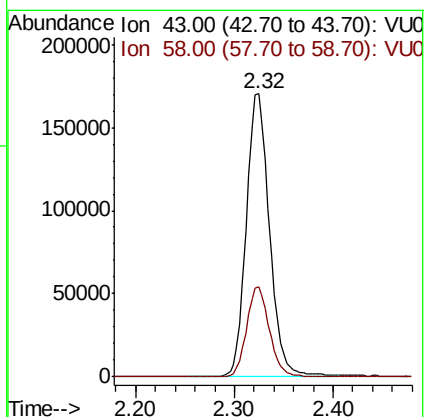
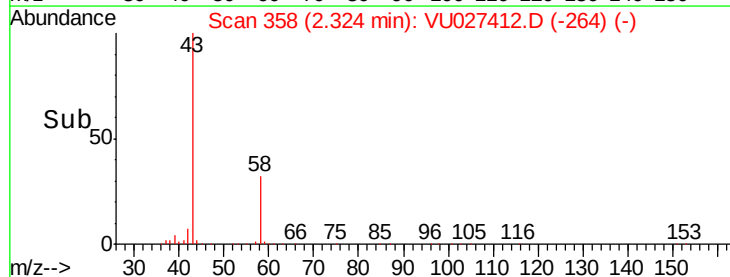
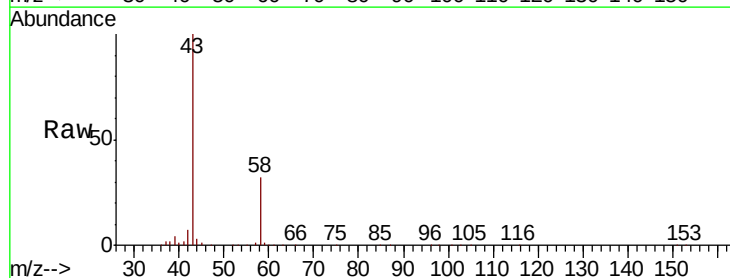
Acq: 04 Oct 2018 16:45

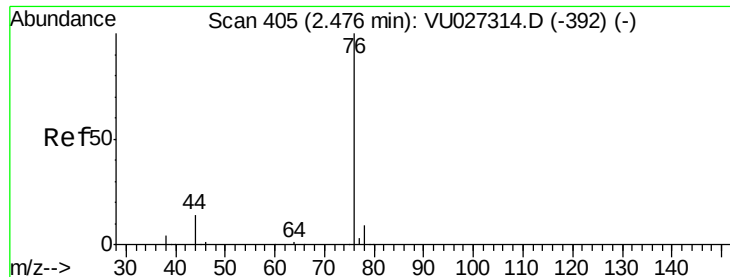
Tgt Ion: 43 Resp: 277584

Ion Ratio Lower Upper

43 100

58 31.7 24.2 36.4





#17

Carbon Disulfide

Concen: 39.563 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027412.D

Acq: 04 Oct 2018 16:45

Instrument :

MSVOA_U

ClientSampleId :

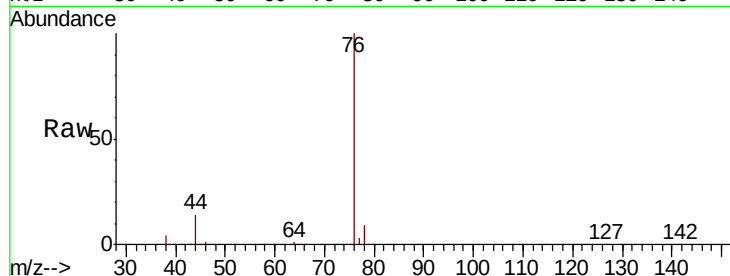
VSTDCCC050

Tgt Ion: 76 Resp: 214275

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VU027412.D (-312) (-)

Ion 77.90 (77.60 to 78.60): VU027412.D (-312) (-)

2.48

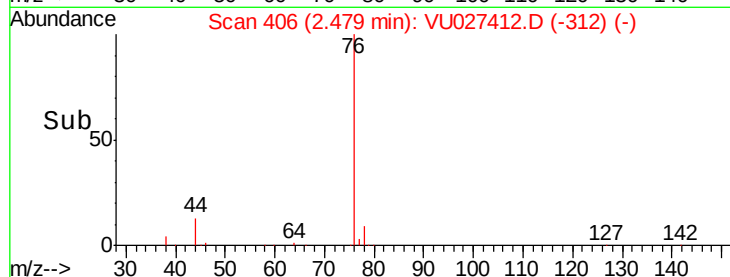
150000

100000

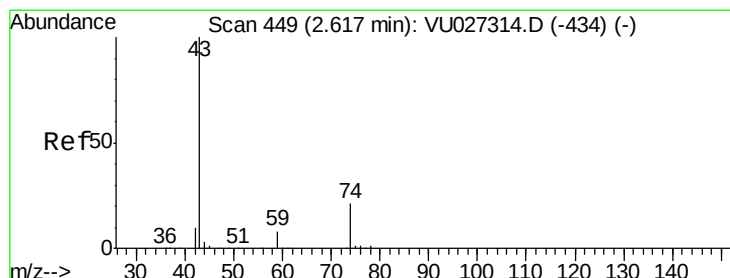
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 48.450 ug/l

RT: 2.62 min Scan# 449

Delta R.T. -0.00 min

Lab File: VU027412.D

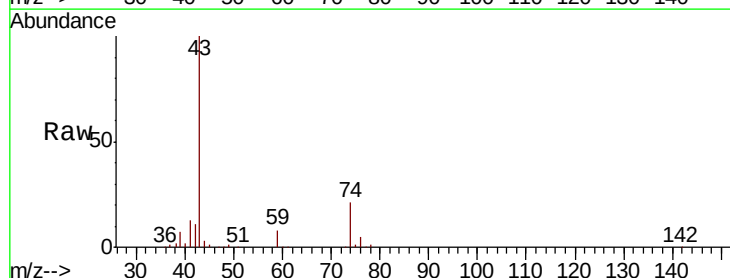
Acq: 04 Oct 2018 16:45

Tgt Ion: 43 Resp: 155006

Ion Ratio Lower Upper

43 100

74 20.9 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VU027412.D (-356) (-)

Ion 74.00 (73.70 to 74.70): VU027412.D (-356) (-)

2.62

100000

80000

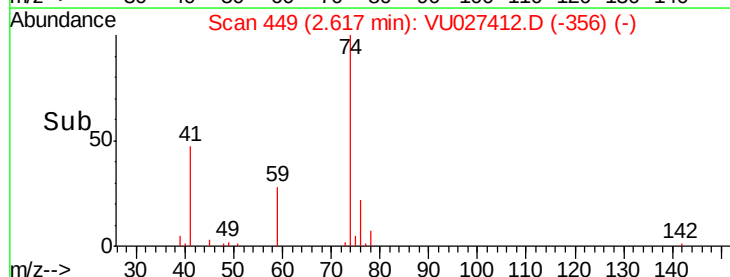
60000

40000

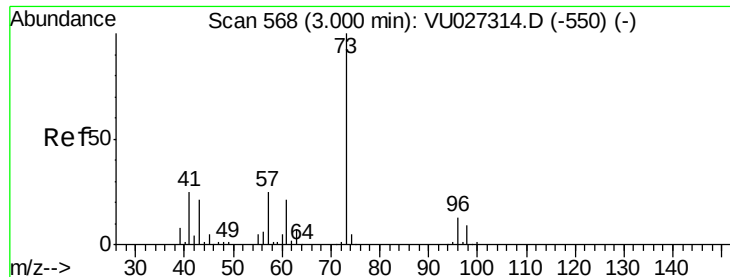
20000

0

Time-->



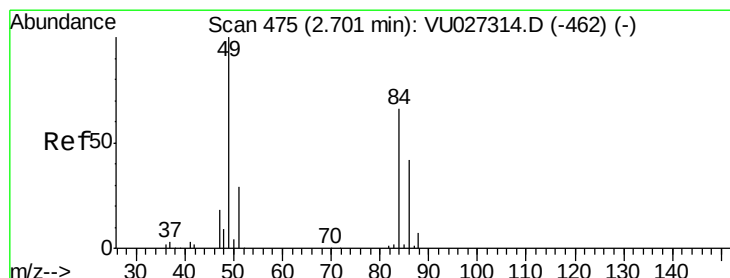
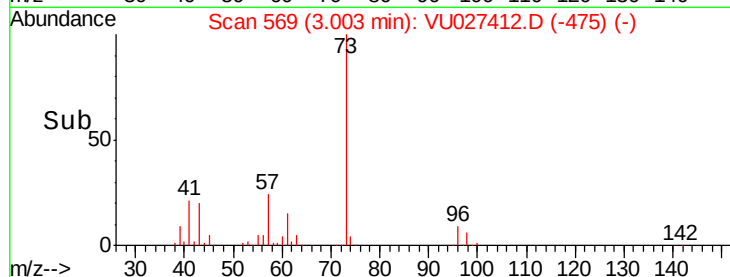
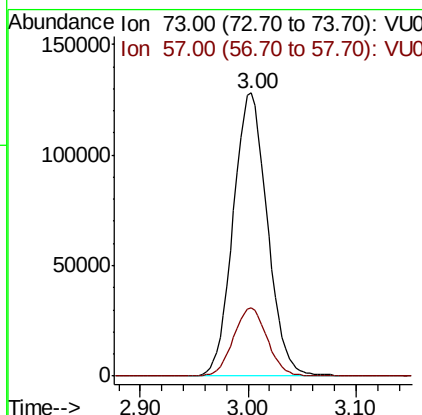
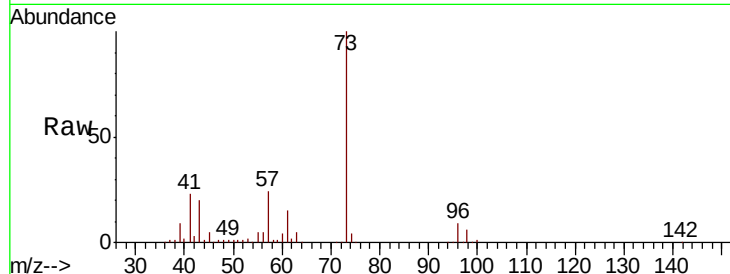
Time-->



#19
Methyl tert-butyl Ether
Concen: 46.744 ug/l
RT: 3.00 min Scan# 569
Delta R.T. 0.00 min
Lab File: VU027412.D
Acq: 04 Oct 2018 16:45

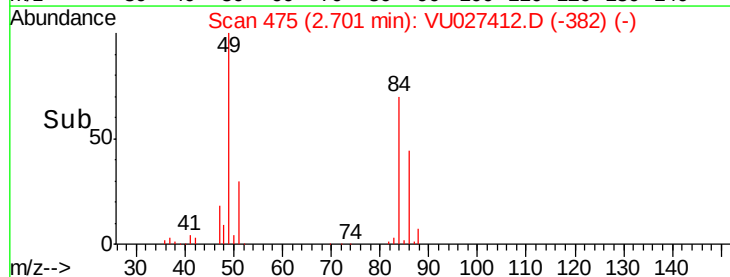
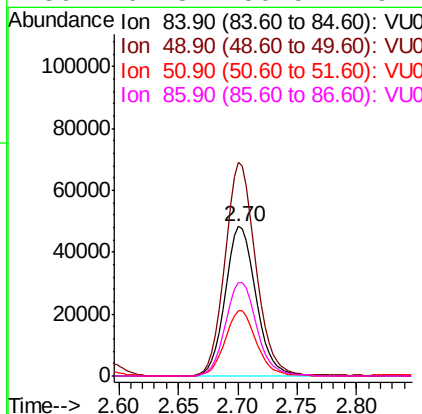
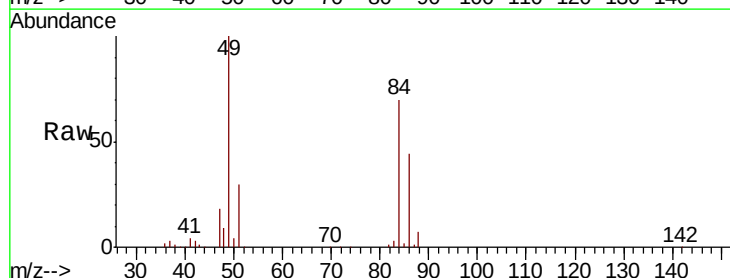
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

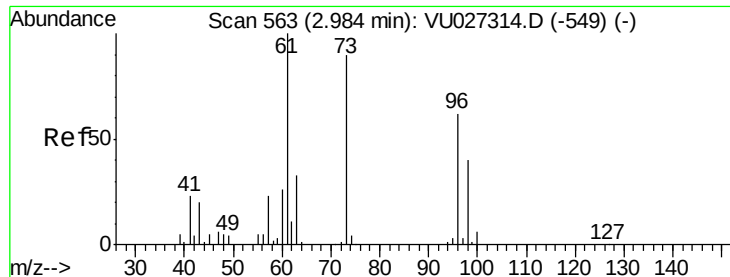
Tgt Ion: 73 Resp: 281264
Ion Ratio Lower Upper
73 100
57 24.1 20.0 30.0



#20
Methylene Chloride
Concen: 44.714 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027412.D
Acq: 04 Oct 2018 16:45

Tgt Ion: 84 Resp: 87350
Ion Ratio Lower Upper
84 100
49 143.0 120.5 180.7
51 43.4 35.1 52.7
86 62.8 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 45.598 ug/l

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU027412.D

Acq: 04 Oct 2018 16:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

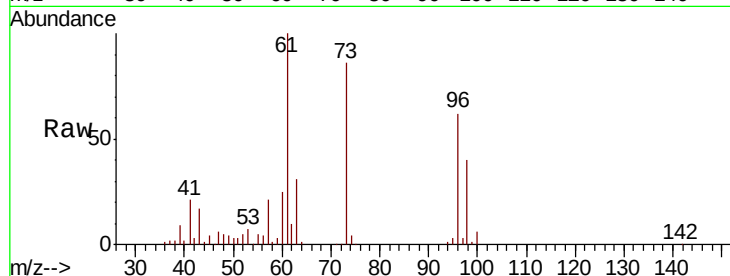
Tgt Ion: 96 Resp: 76877

Ion Ratio Lower Upper

96 100

61 160.5 129.4 194.2

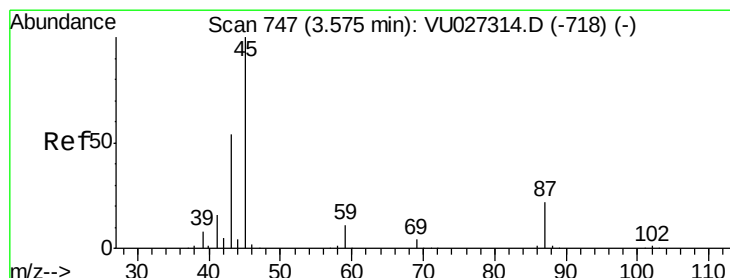
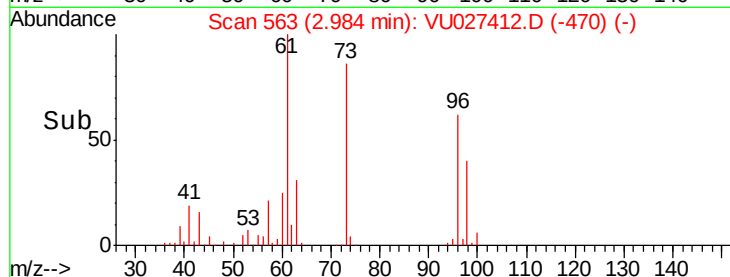
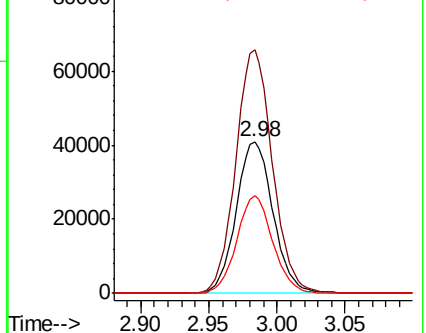
98 64.0 51.2 76.8



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: 45.338 ug/l

RT: 3.58 min Scan# 747

Delta R.T. -0.00 min

Lab File: VU027412.D

Acq: 04 Oct 2018 16:45

Tgt Ion: 45 Resp: 328614

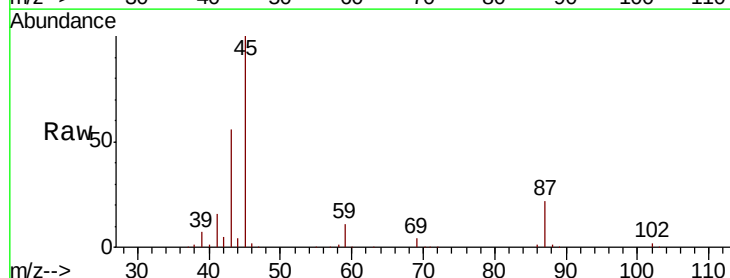
Ion Ratio Lower Upper

45 100

43 54.5 43.4 65.2

87 22.5 17.5 26.3

59 11.0 8.6 13.0

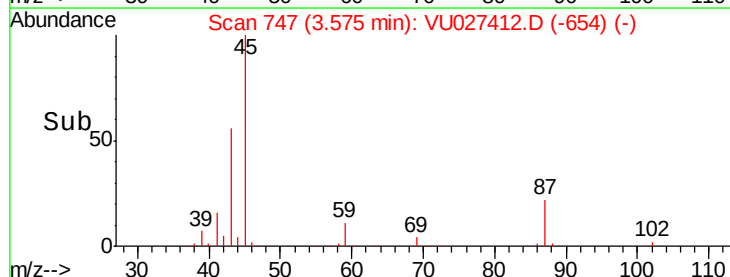
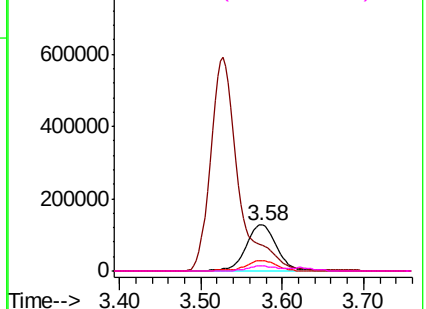


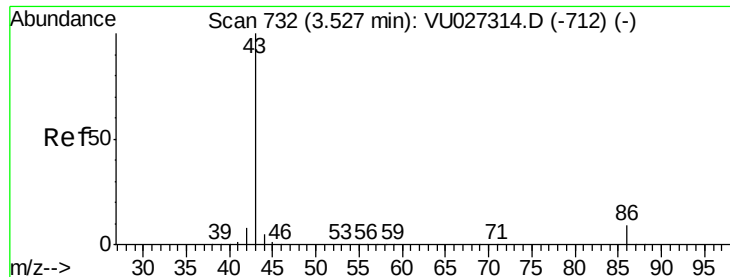
Abundance Ion 45.00 (44.70 to 45.70): VU0

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: 224.209 ug/l

RT: 3.53 min Scan# 732

Delta R.T. -0.00 min

Lab File: VU027412.D

Acq: 04 Oct 2018 16:45

Instrument :

MSVOA_U

ClientSampleId :

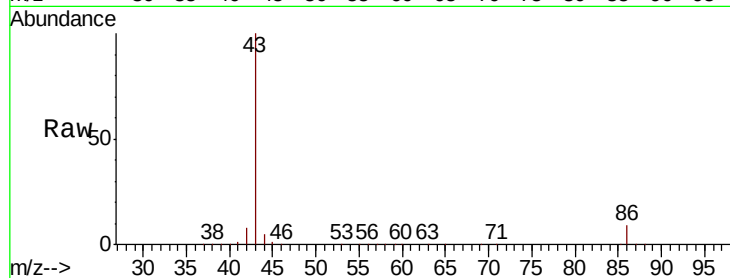
VSTDCCC050

Tgt Ion: 43 Resp: 1419191

Ion Ratio Lower Upper

43 100

86 9.1 7.0 10.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

3.53

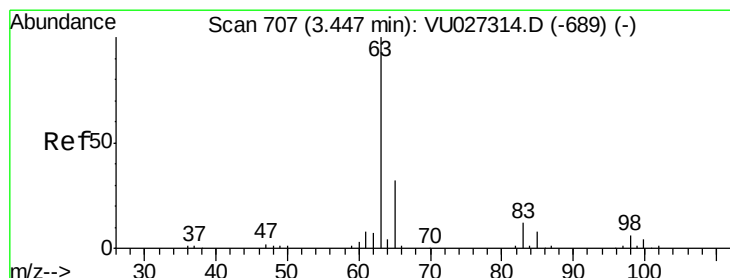
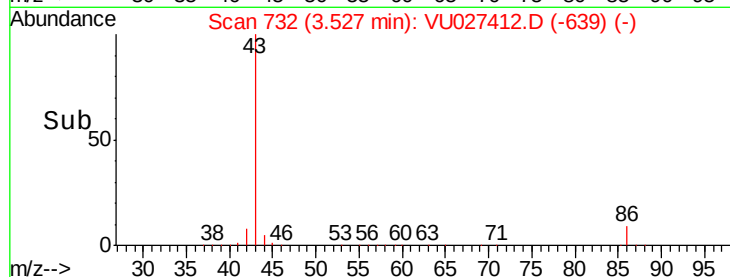
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 45.166 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027412.D

Acq: 04 Oct 2018 16:45

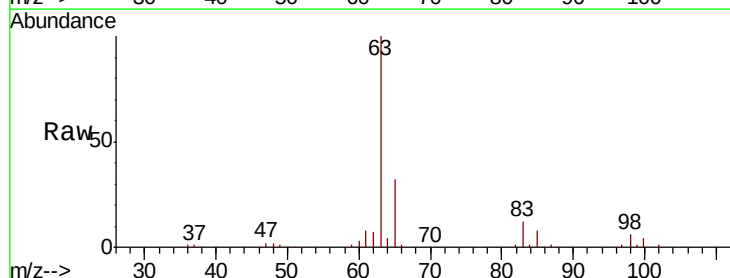
Tgt Ion: 63 Resp: 168292

Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

100 3.7 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

100000

80000

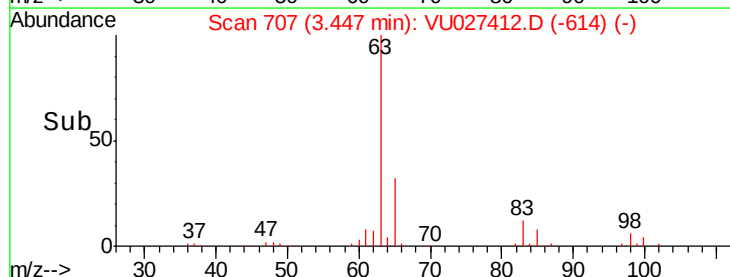
60000

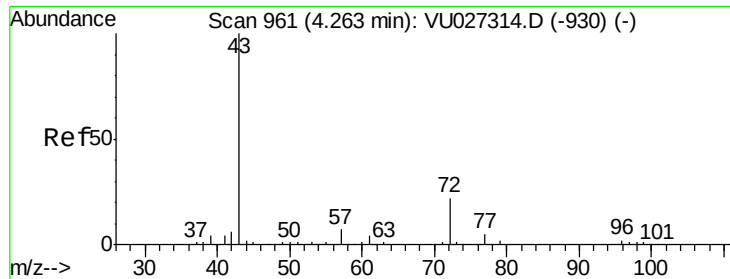
40000

20000

0

Time-->





#25

2-Butanone

Concen: 222.788 ug/l

RT: 4.26 min Scan# 961

Delta R.T. -0.00 min

Lab File: VU027412.D

Acq: 04 Oct 2018 16:45

Instrument :

MSVOA_U

ClientSampleId :

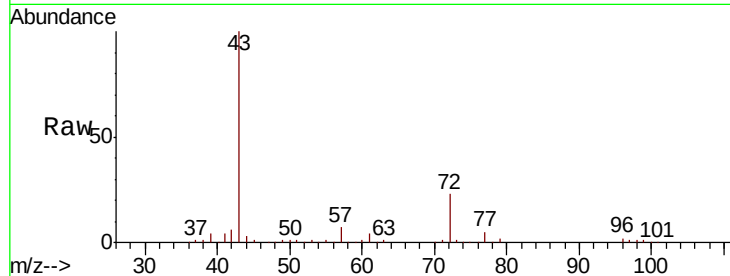
VSTDCCC050

Tgt Ion: 43 Resp: 426067

Ion Ratio Lower Upper

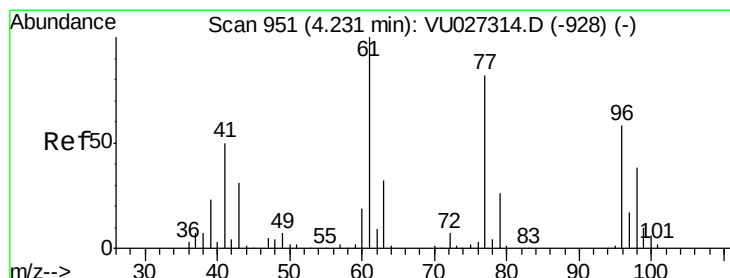
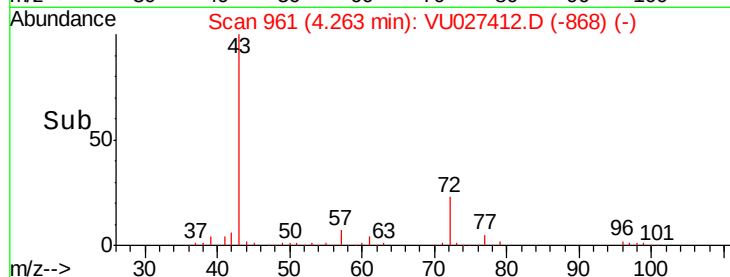
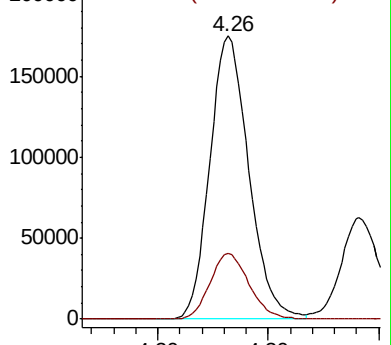
43 100

72 23.4 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 44.440 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027412.D

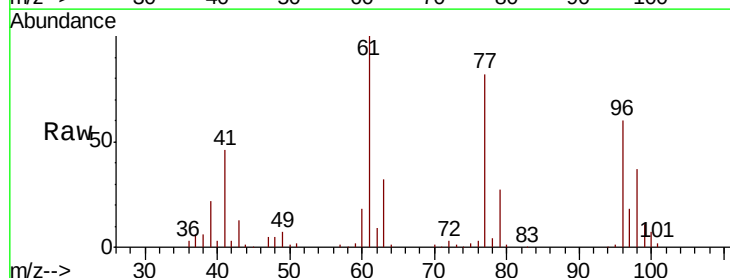
Acq: 04 Oct 2018 16:45

Tgt Ion: 77 Resp: 136062

Ion Ratio Lower Upper

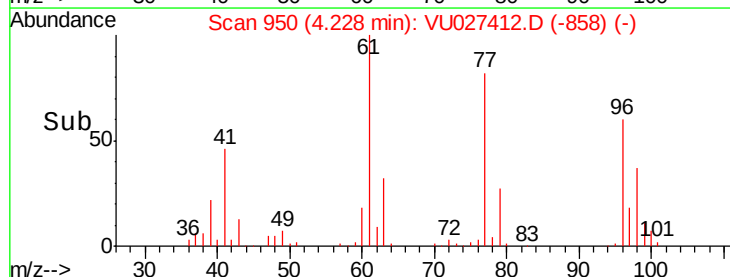
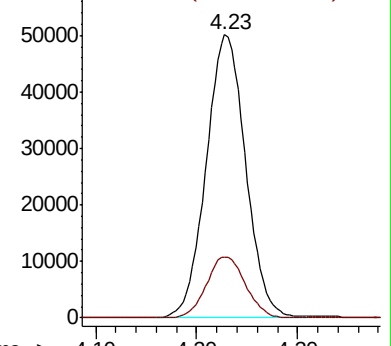
77 100

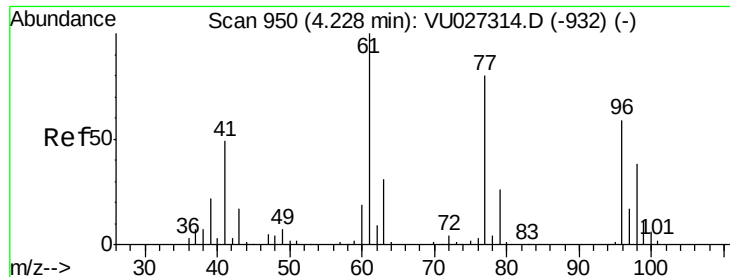
97 21.4 10.4 31.1



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0



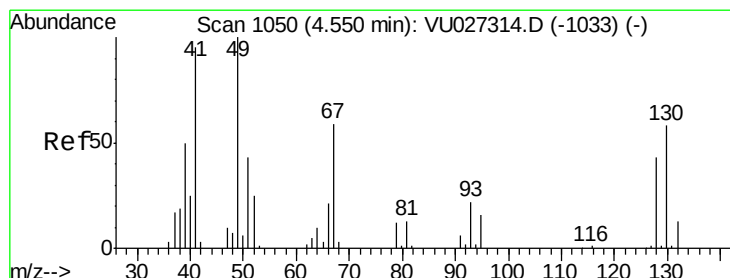
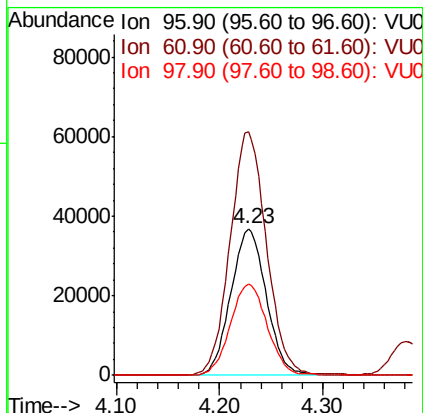
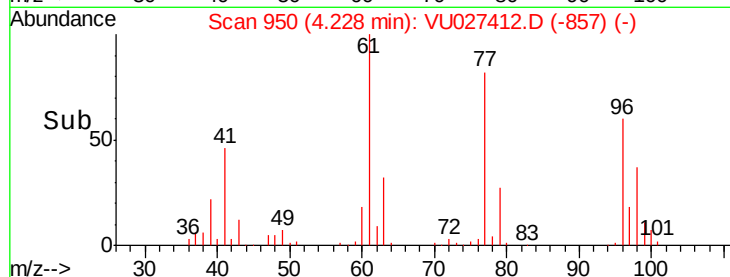
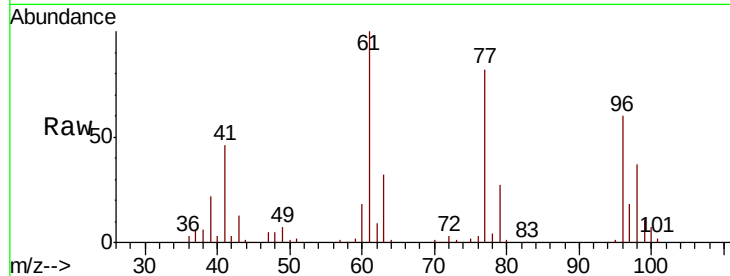


#27

cis-1,2-Dichloroethene
Concen: 45.821 ug/l
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027412.D
Acq: 04 Oct 2018 16:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

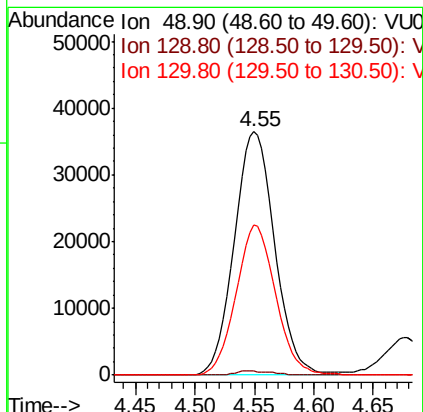
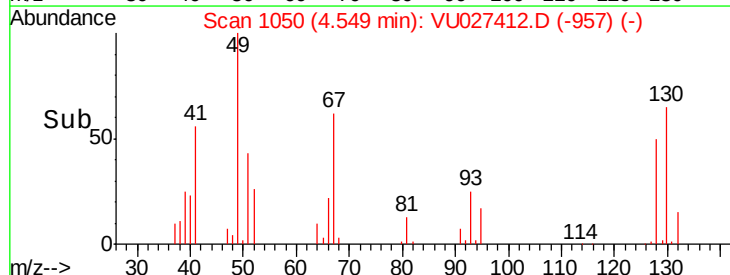
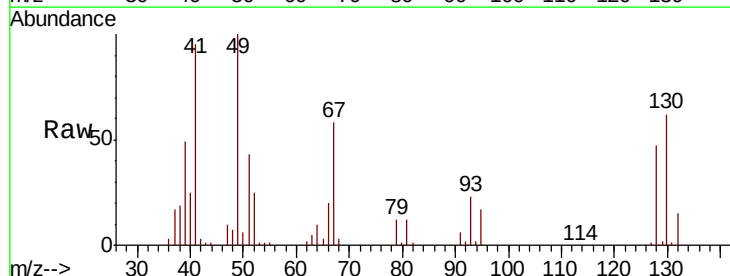
Tgt Ion: 96 Resp: 88346
Ion Ratio Lower Upper
96 100
61 169.9 0.0 343.8
98 64.7 0.0 129.0

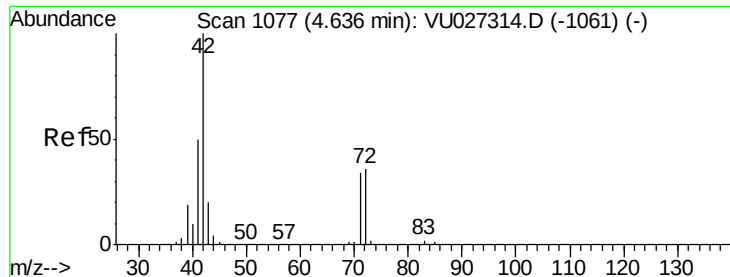


#28

Bromochloromethane
Concen: 47.832 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU027412.D
Acq: 04 Oct 2018 16:45

Tgt Ion: 49 Resp: 85986
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.0
130 60.3 46.1 69.1





#29

Tetrahydrofuran

Concen: 227.309 ug/l

RT: 4.64 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VU027412.D

Acq: 04 Oct 2018 16:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

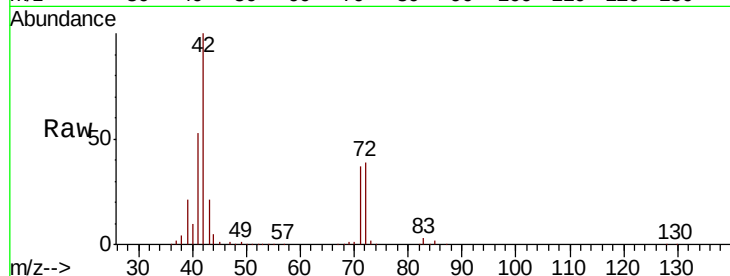
Tgt Ion: 42 Resp: 273962

Ion Ratio Lower Upper

42 100

72 39.4 30.1 45.1

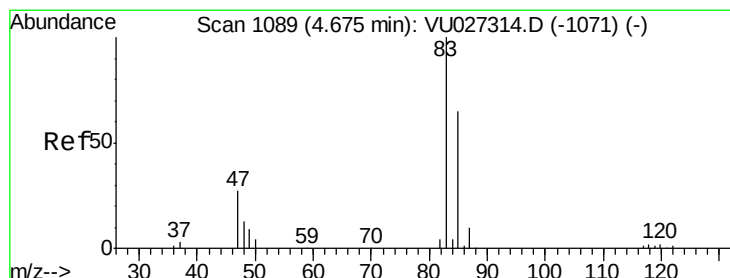
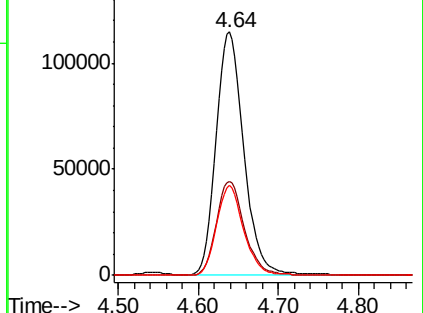
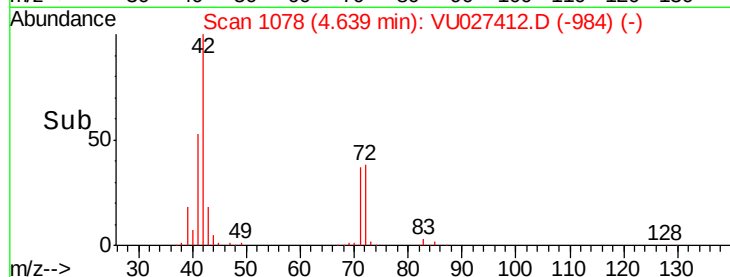
71 36.2 27.7 41.5



Abundance Ion 42.00 (41.70 to 42.70): VU027412.D (-984) (-)

Ion 72.00 (71.70 to 72.70): VU027412.D (-984) (-)

Ion 71.00 (70.70 to 71.70): VU027412.D (-984) (-)



#30

Chloroform

Concen: 45.267 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VU027412.D

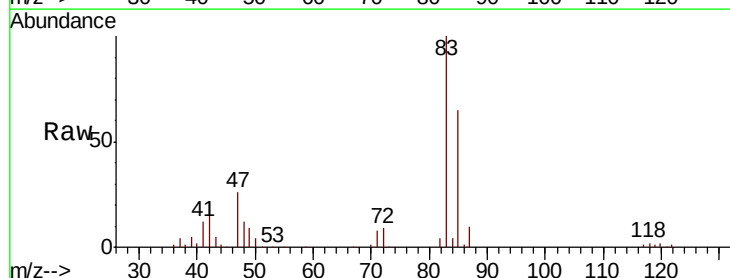
Acq: 04 Oct 2018 16:45

Tgt Ion: 83 Resp: 149857

Ion Ratio Lower Upper

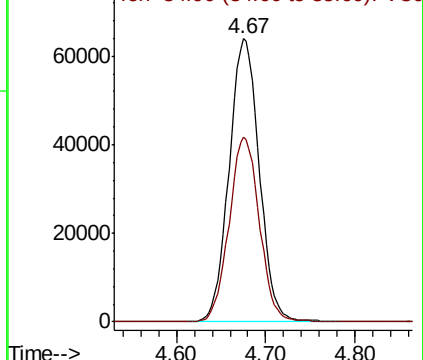
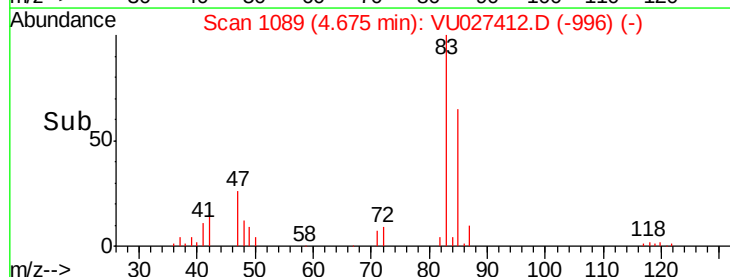
83 100

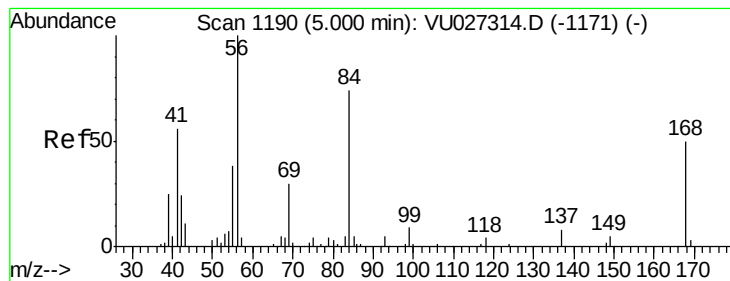
85 65.1 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VU027412.D (-996) (-)

Ion 84.90 (84.60 to 85.60): VU027412.D (-996) (-)





#31

Cyclohexane

Concen: 41.517 ug/l

RT: 5.00 min Scan# 1190

Delta R.T. 0.00 min

Lab File: VU027412.D

Acq: 04 Oct 2018 16:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

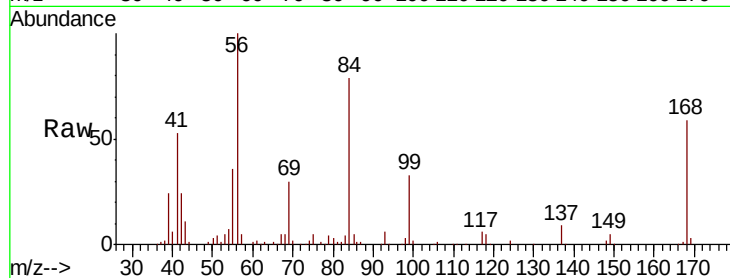
Tgt Ion: 56 Resp: 158226

Ion Ratio Lower Upper

56 100

69 30.0 24.1 36.1

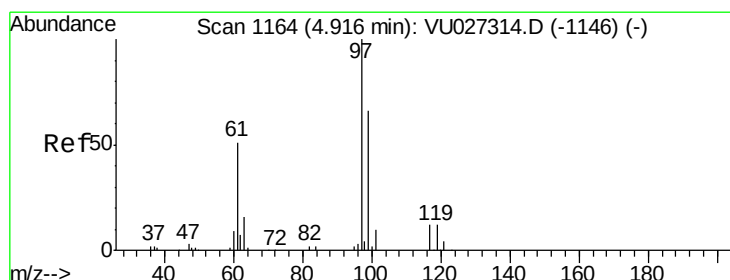
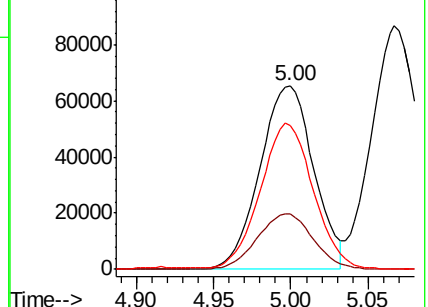
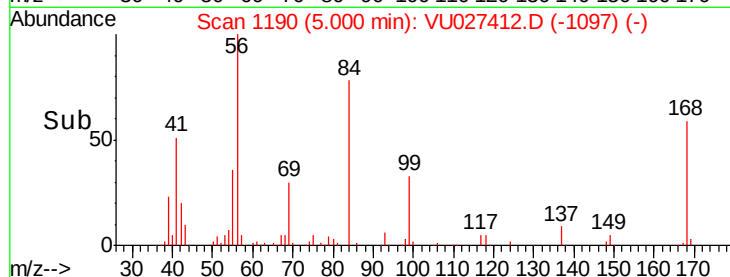
84 77.9 59.1 88.7



Abundance Ion 56.00 (55.70 to 56.70): VU027412.D (-1097) (-)

Ion 69.00 (68.70 to 69.70): VU027412.D (-1097) (-)

Ion 84.00 (83.70 to 84.70): VU027412.D (-1097) (-)



#32

1,1,1-Trichloroethane

Concen: 45.104 ug/l

RT: 4.92 min Scan# 1164

Delta R.T. -0.00 min

Lab File: VU027412.D

Acq: 04 Oct 2018 16:45

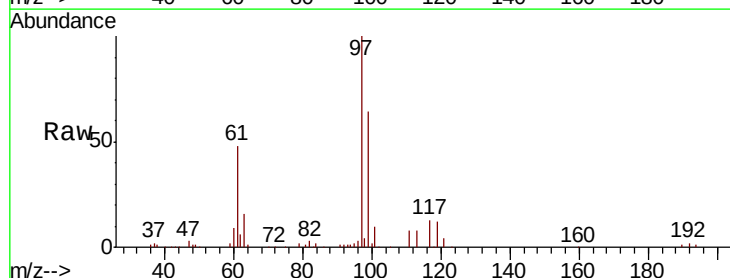
Tgt Ion: 97 Resp: 125756

Ion Ratio Lower Upper

97 100

99 62.9 51.1 76.7

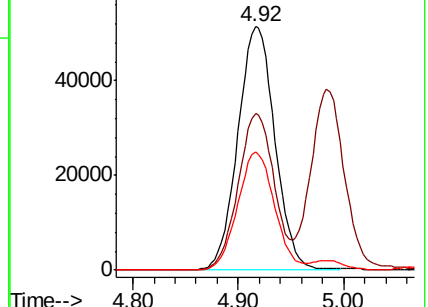
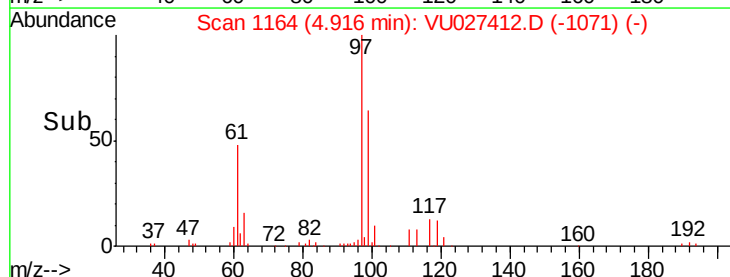
61 48.6 39.6 59.4

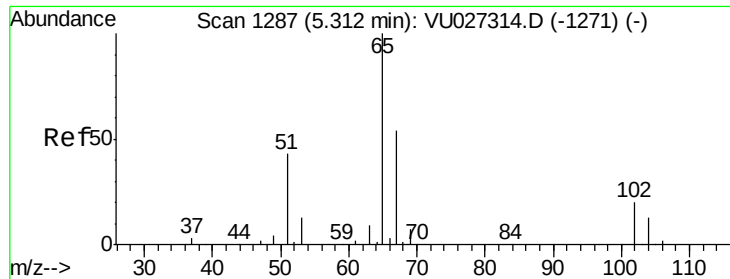


Abundance Ion 96.90 (96.60 to 97.60): VU027412.D (-1071) (-)

Ion 98.90 (98.60 to 99.60): VU027412.D (-1071) (-)

Ion 60.90 (60.60 to 61.60): VU027412.D (-1071) (-)

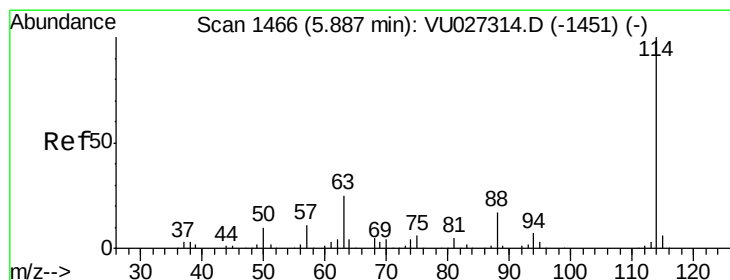
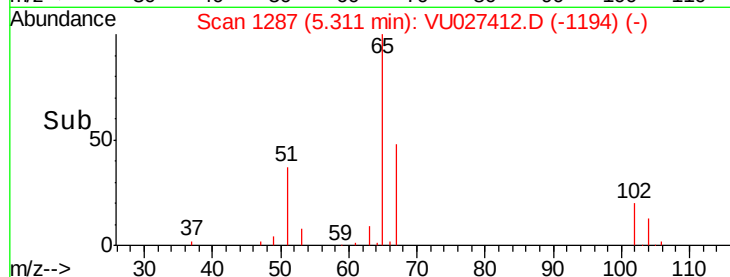
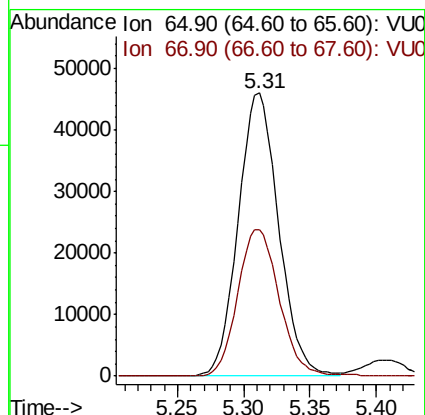
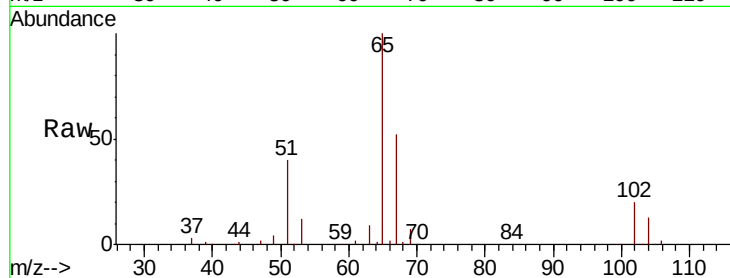




#33
 1,2-Dichloroethane-d4
 Concen: 41.093 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027412.D
 Acq: 04 Oct 2018 16:45

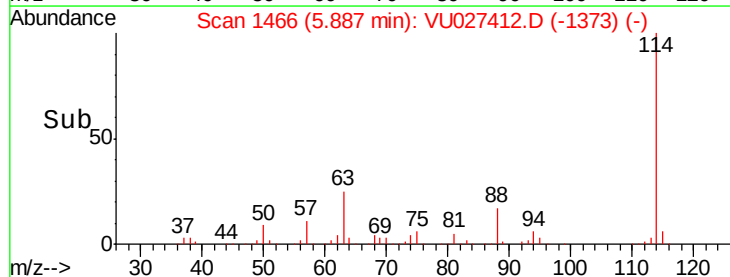
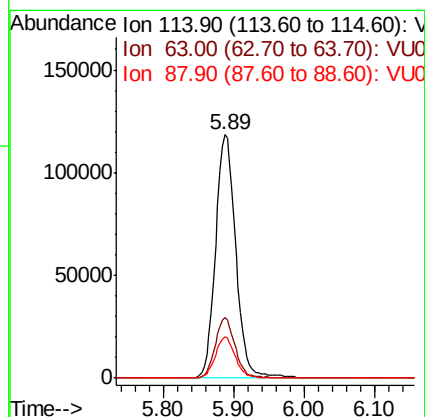
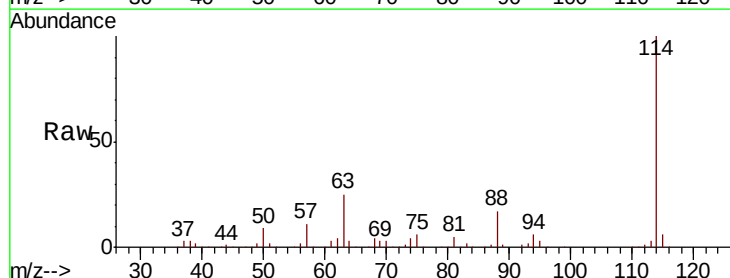
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

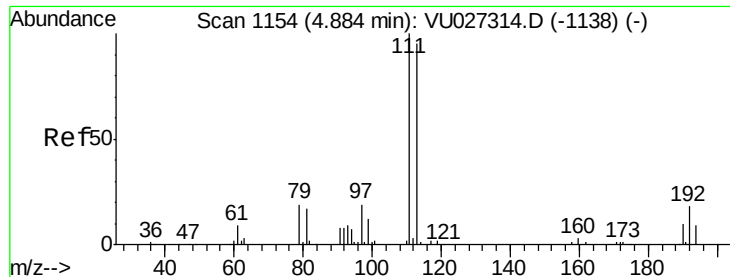
Tgt Ion: 65 Resp: 97553
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027412.D
 Acq: 04 Oct 2018 16:45

Tgt Ion: 114 Resp: 236583
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 50.2
 88 17.0 0.0 33.8

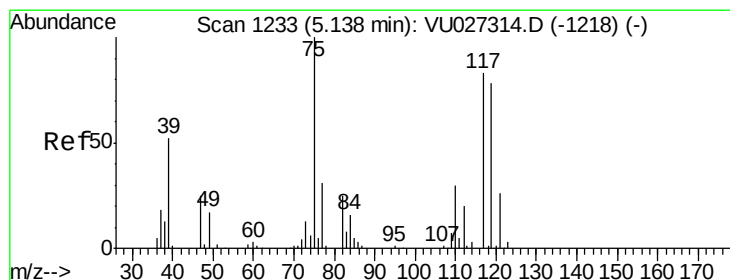
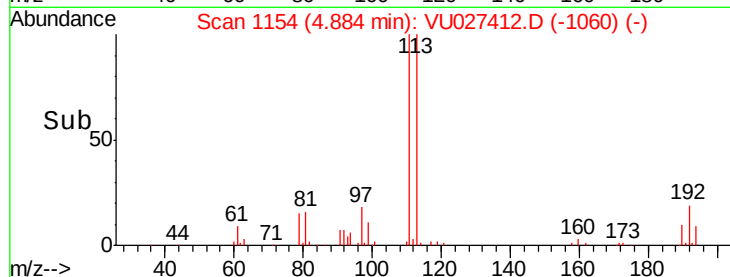
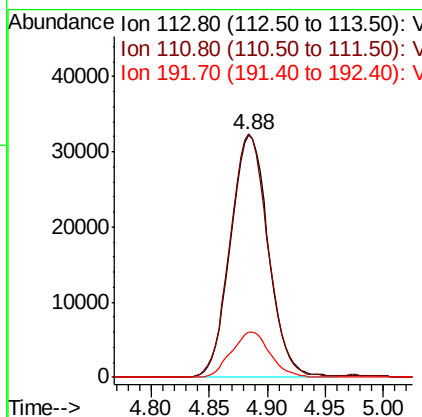
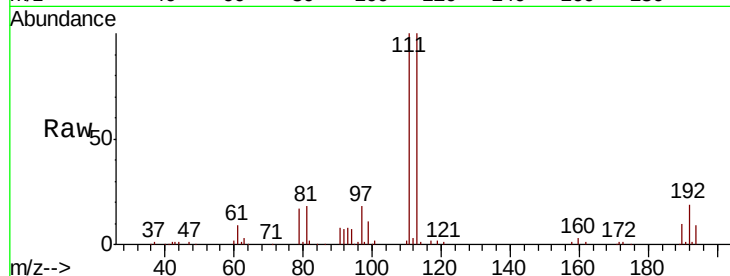




#35
 Dibromofluoromethane
 Concen: 45.139 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027412.D
 Acq: 04 Oct 2018 16:45

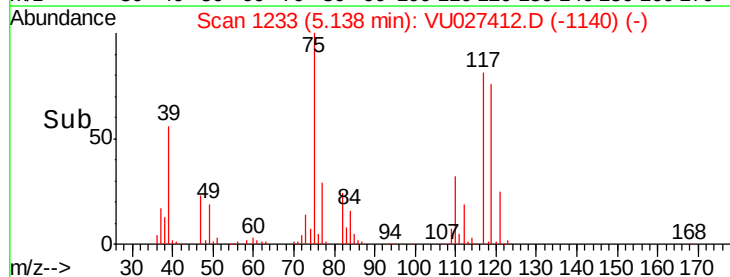
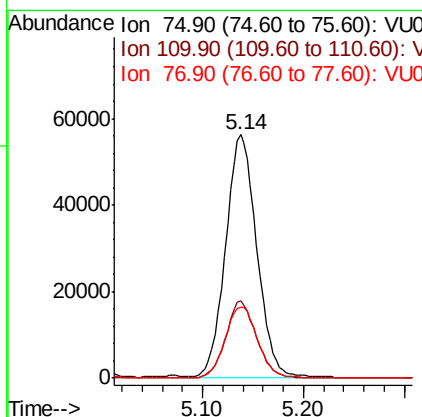
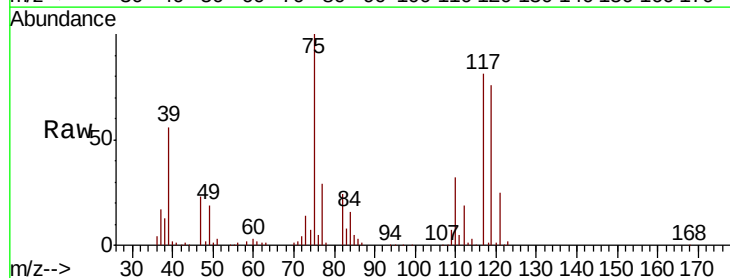
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

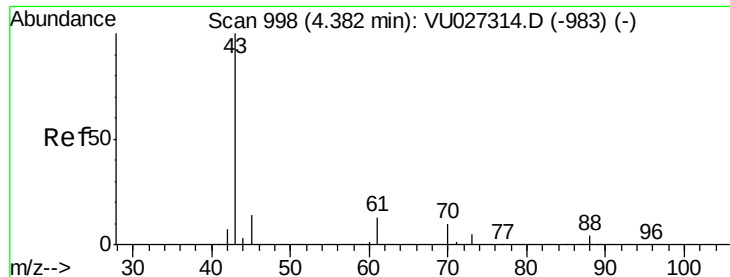
Tgt Ion:113 Resp: 73187
 Ion Ratio Lower Upper
 113 100
 111 100.3 83.1 124.7
 192 18.9 15.4 23.0



#36
 1,1-Dichloropropene
 Concen: 46.923 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: VU027412.D
 Acq: 04 Oct 2018 16:45

Tgt Ion: 75 Resp: 120534
 Ion Ratio Lower Upper
 75 100
 110 31.5 15.5 46.5
 77 30.8 25.4 38.0





#37

Ethyl Acetate

Concen: 46.073 ug/l

RT: 4.38 min Scan# 998

Delta R.T. -0.00 min

Lab File: VU027412.D

Acq: 04 Oct 2018 16:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

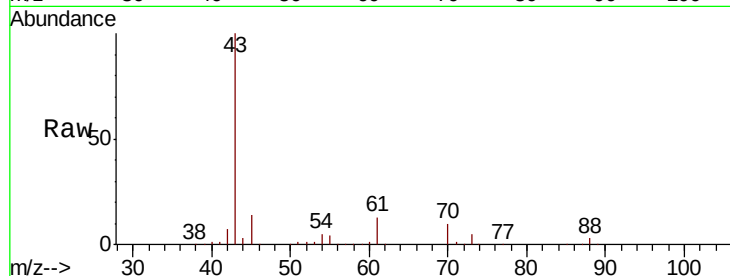
Tgt Ion: 43 Resp: 152956

Ion Ratio Lower Upper

43 100

61 12.4 10.7 16.1

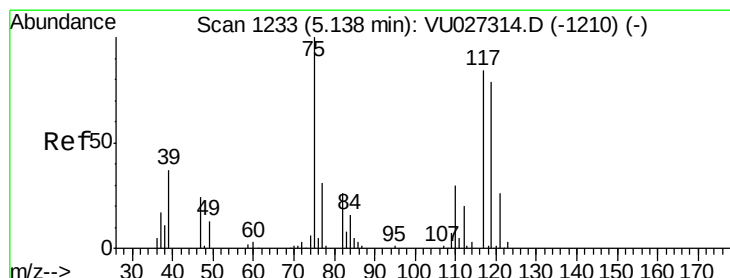
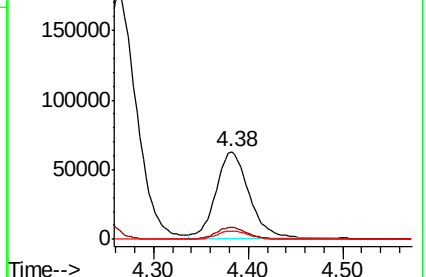
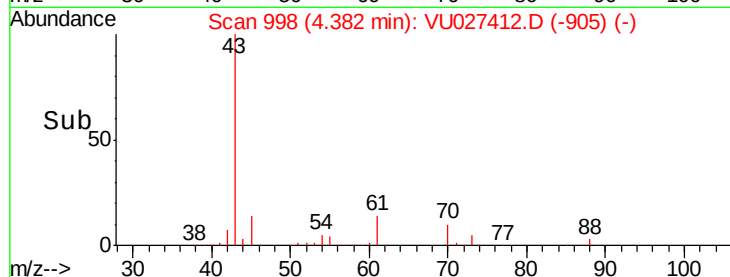
70 9.3 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VU027412.D (-905) (-)

Ion 60.90 (60.60 to 61.60): VU027412.D (-905) (-)

Ion 70.00 (69.70 to 70.70): VU027412.D (-905) (-)



#38

Carbon Tetrachloride

Concen: 45.048 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VU027412.D

Acq: 04 Oct 2018 16:45

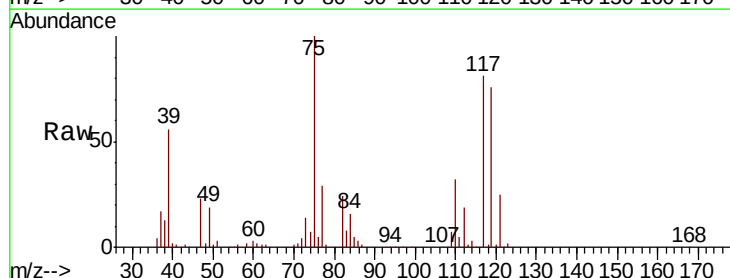
Tgt Ion: 117 Resp: 104529

Ion Ratio Lower Upper

117 100

119 93.2 74.5 111.7

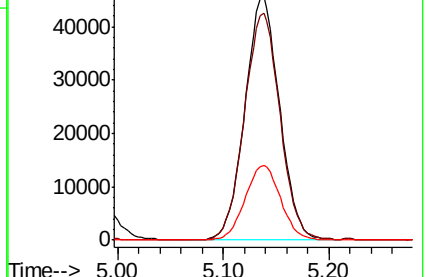
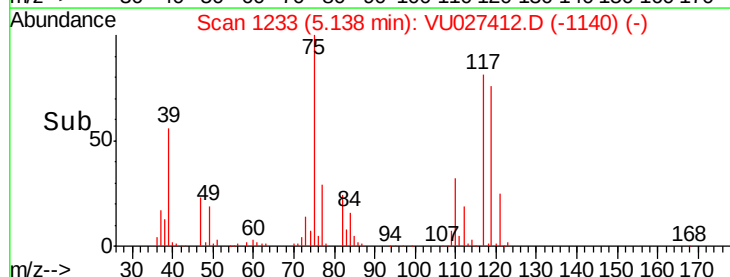
121 30.5 24.6 37.0

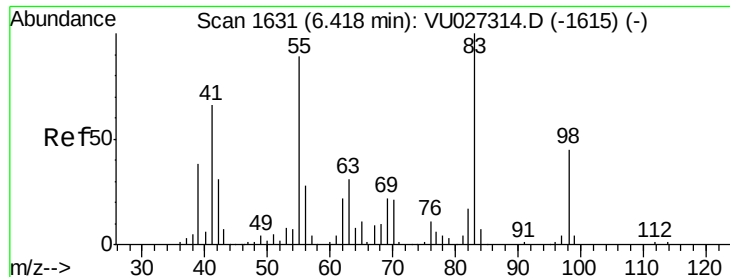


Abundance Ion 116.80 (116.50 to 117.50): VU027412.D (-1140) (-)

Ion 118.80 (118.50 to 119.50): VU027412.D (-1140) (-)

Ion 120.80 (120.50 to 121.50): VU027412.D (-1140) (-)

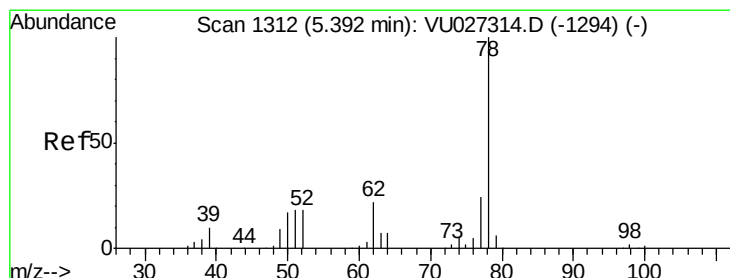
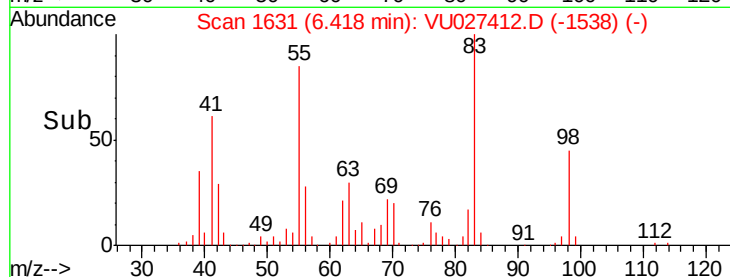
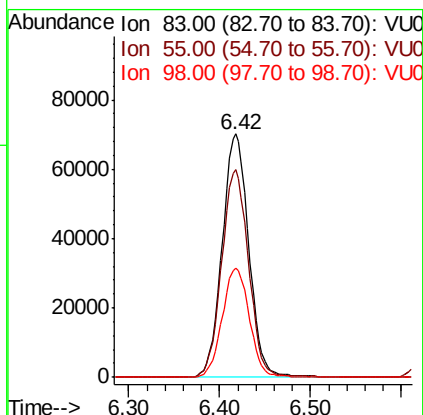
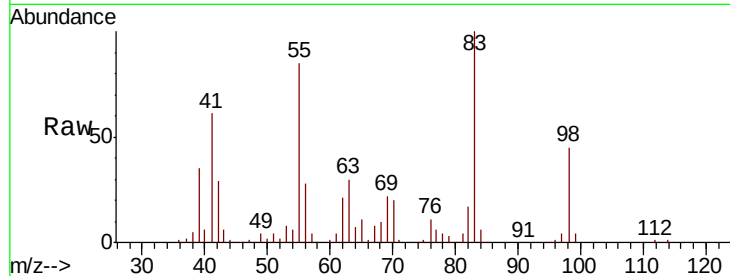




#39
Methylcyclohexane
Concen: 47.466 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU027412.D
Acq: 04 Oct 2018 16:45

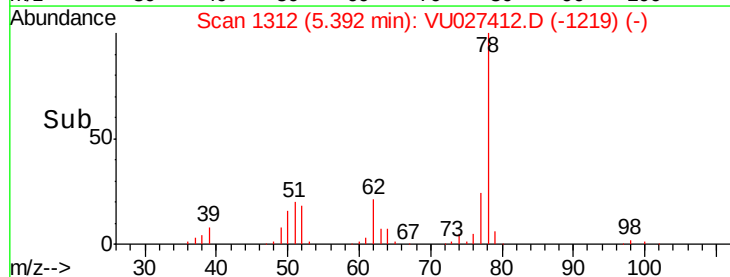
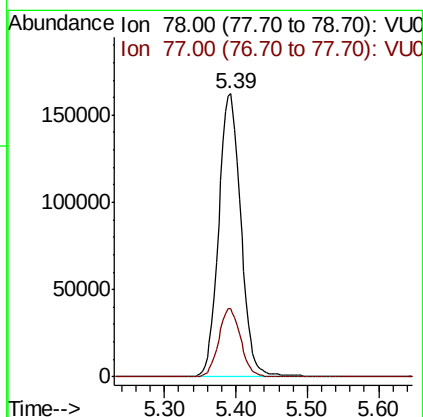
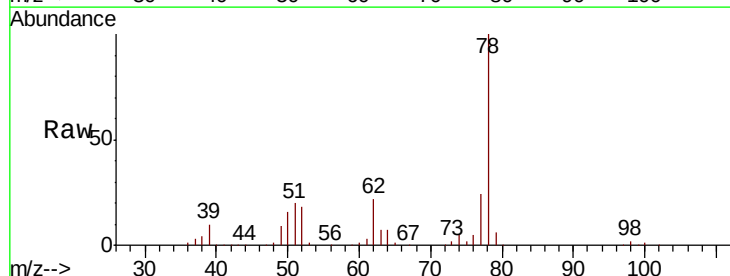
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

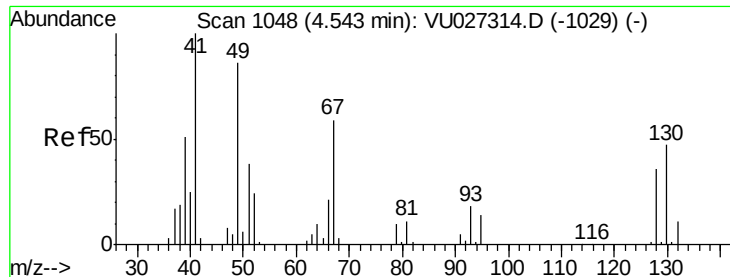
Tgt Ion: 83 Resp: 142529
Ion Ratio Lower Upper
83 100
55 85.3 71.1 106.7
98 44.9 36.3 54.5



#40
Benzene
Concen: 46.852 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU027412.D
Acq: 04 Oct 2018 16:45

Tgt Ion: 78 Resp: 350571
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9





#41

Methacrylonitrile

Concen: 46.400 ug/l

RT: 4.54 min Scan# 1048

Delta R.T. -0.00 min

Lab File: VU027412.D

Acq: 04 Oct 2018 16:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 87067

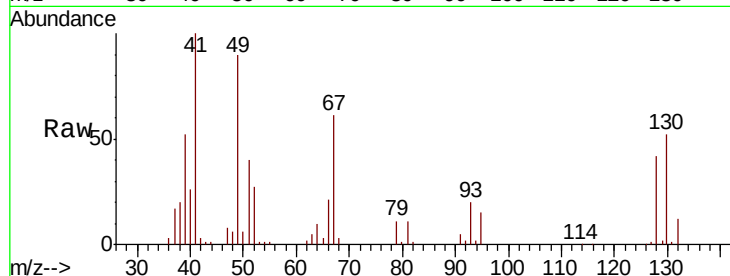
Ion Ratio Lower Upper

41 100

39 52.2 41.1 61.7

67 63.8 50.4 75.6

52 26.6 20.3 30.5

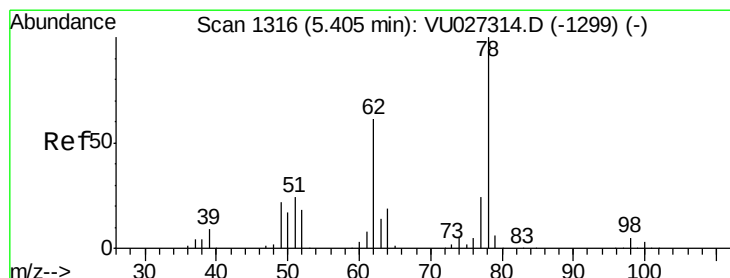
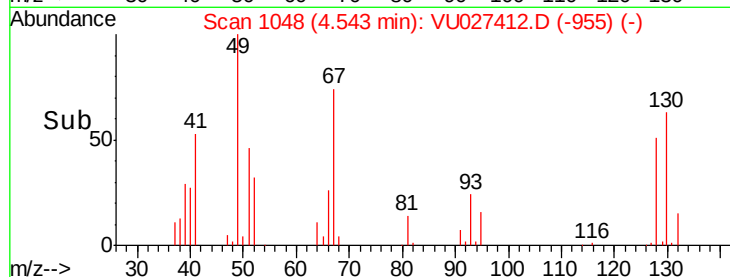
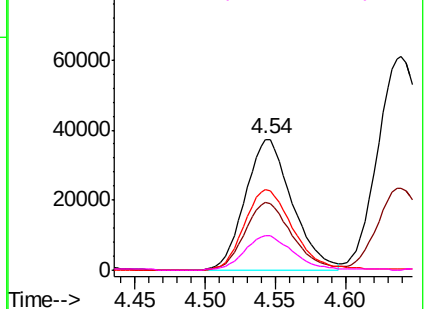


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42

1,2-Dichloroethane

Concen: 46.129 ug/l

RT: 5.40 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VU027412.D

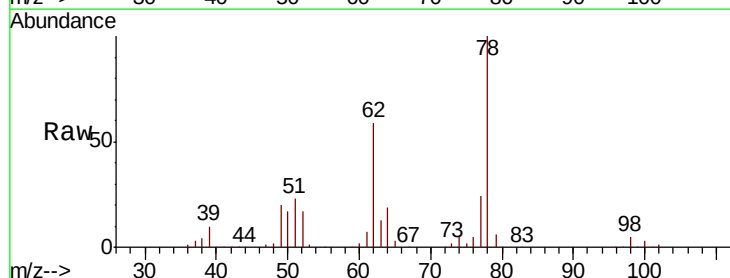
Acq: 04 Oct 2018 16:45

Tgt Ion: 62 Resp: 128120

Ion Ratio Lower Upper

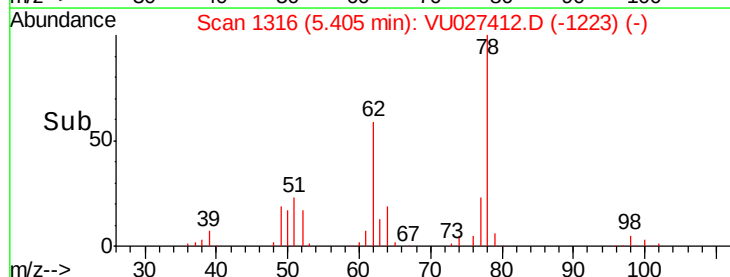
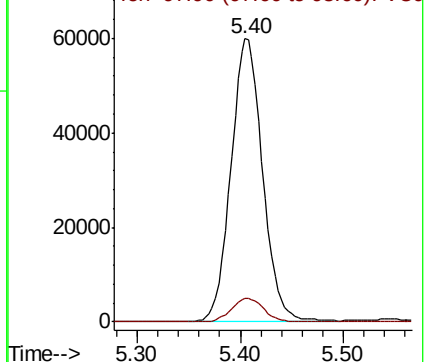
62 100

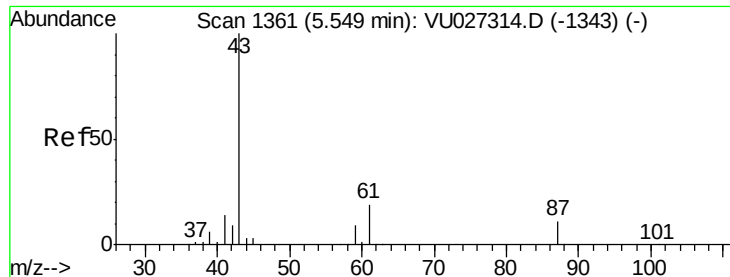
98 8.6 0.0 16.8



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 47.191 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027412.D

Acq: 04 Oct 2018 16:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

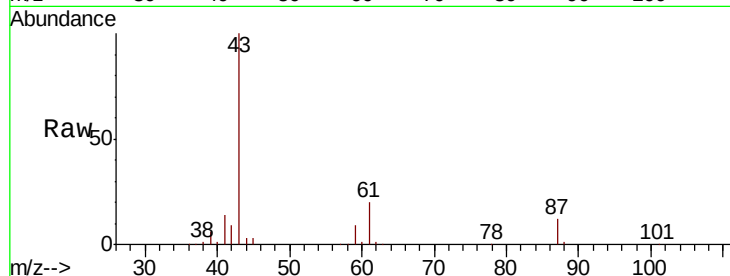
Tgt Ion: 43 Resp: 243321

Ion Ratio Lower Upper

43 100

61 19.5 15.3 22.9

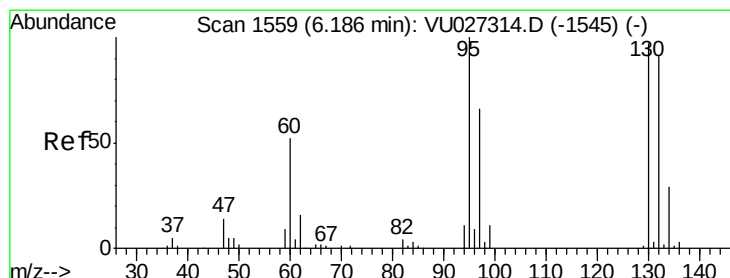
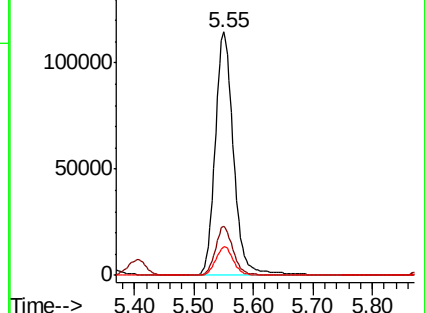
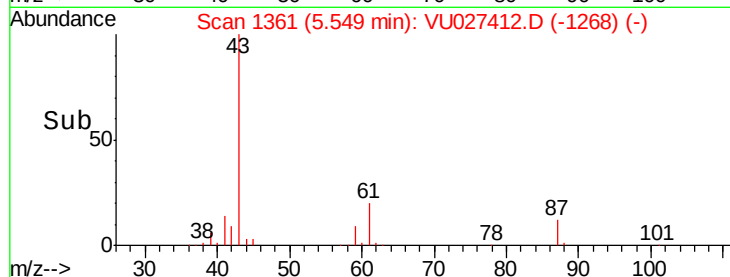
87 11.4 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VU027412.D (-1268) (-)

Ion 61.00 (60.70 to 61.70): VU027412.D (-1268) (-)

Ion 87.00 (86.70 to 87.70): VU027412.D (-1268) (-)



#44

Trichloroethene

Concen: 47.907 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU027412.D

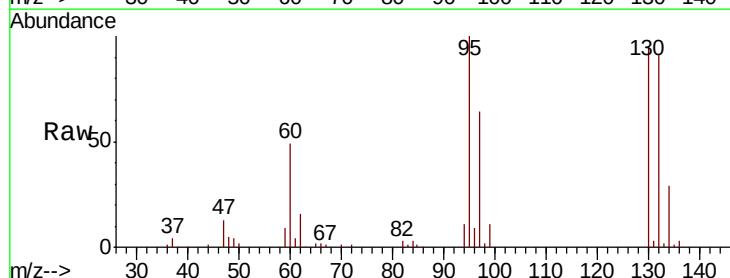
Acq: 04 Oct 2018 16:45

Tgt Ion: 130 Resp: 79930

Ion Ratio Lower Upper

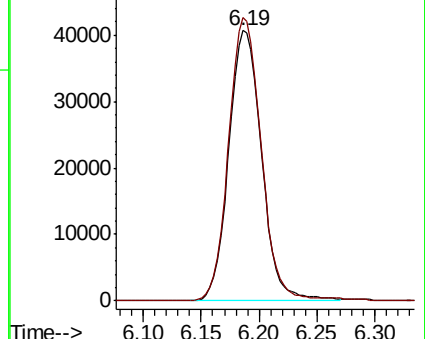
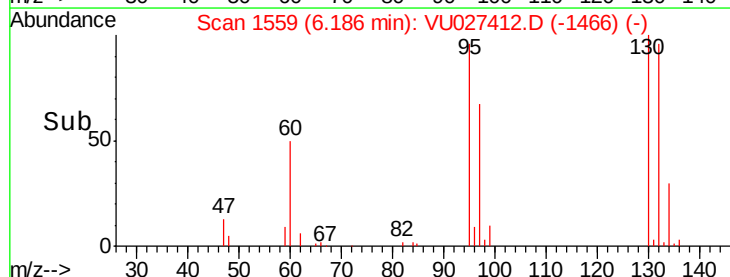
130 100

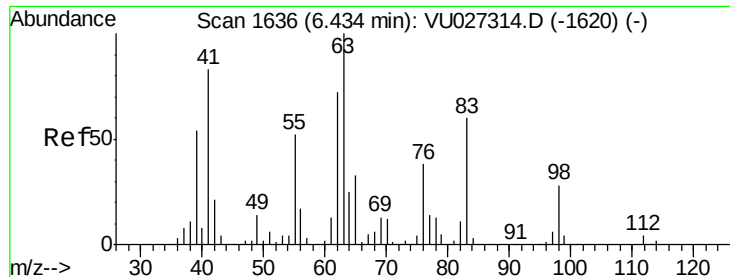
95 104.8 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VU027412.D (-1466) (-)

Ion 94.90 (94.60 to 95.60): VU027412.D (-1466) (-)

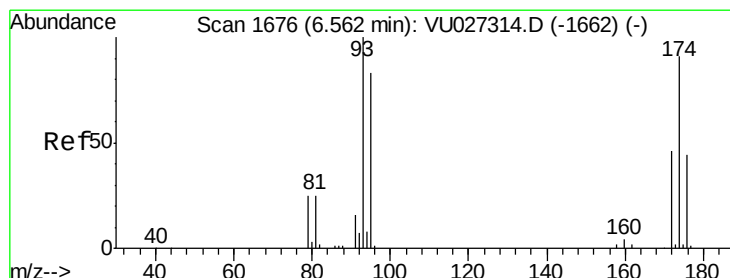
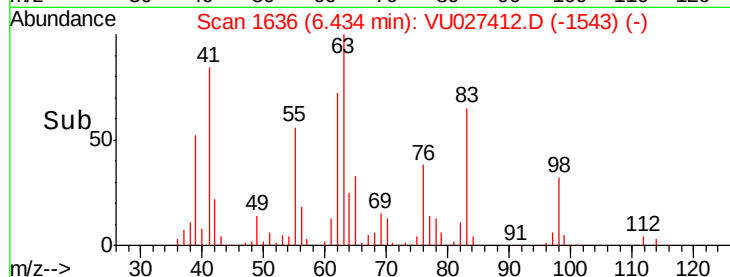
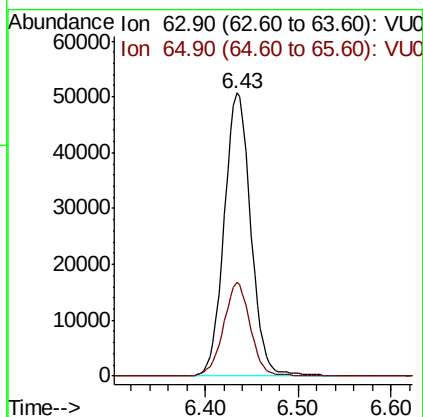
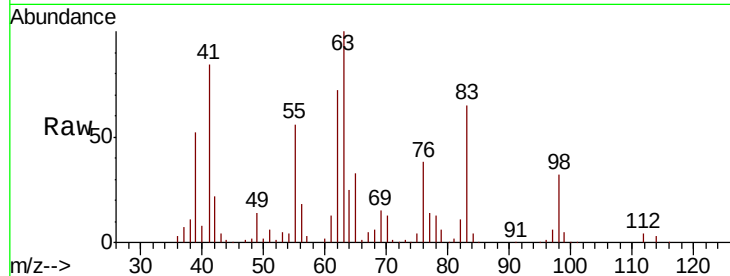




#45
 1,2-Dichloropropane
 Concen: 46.820 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VU027412.D
 Acq: 04 Oct 2018 16:45

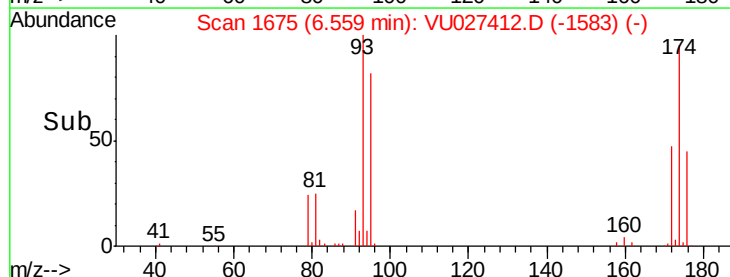
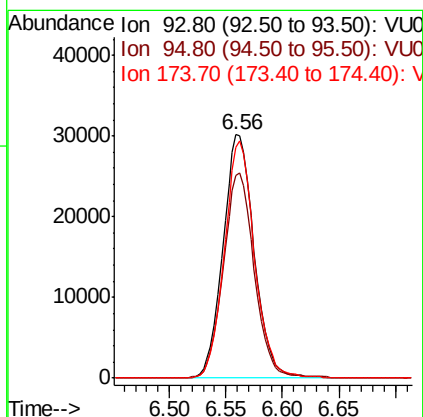
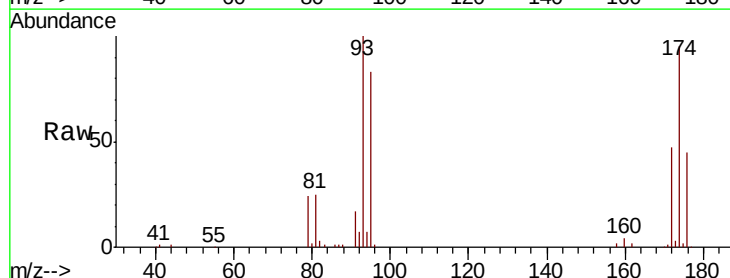
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

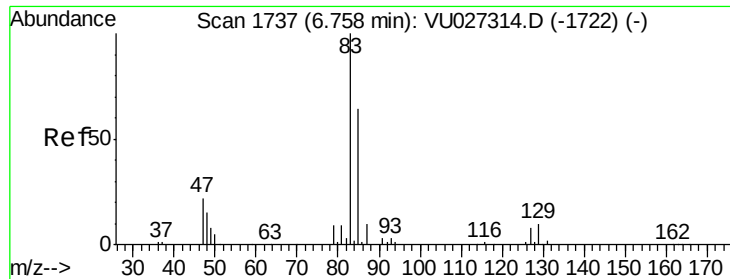
Tgt Ion: 63 Resp: 101046
 Ion Ratio Lower Upper
 63 100
 65 33.0 26.0 39.0



#46
 Dibromomethane
 Concen: 47.443 ug/l
 RT: 6.56 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: VU027412.D
 Acq: 04 Oct 2018 16:45

Tgt Ion: 93 Resp: 57829
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.5 99.7
 174 94.3 72.5 108.7





#47

Bromodichloromethane

Concen: 45.664 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VU027412.D

Acq: 04 Oct 2018 16:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

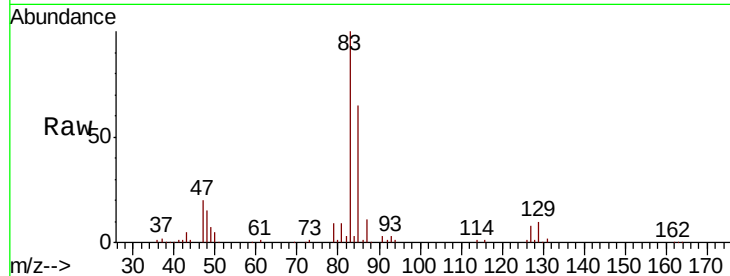
Tgt Ion: 83 Resp: 115496

Ion Ratio Lower Upper

83 100

85 64.8 51.4 77.0

127 8.1 6.3 9.5

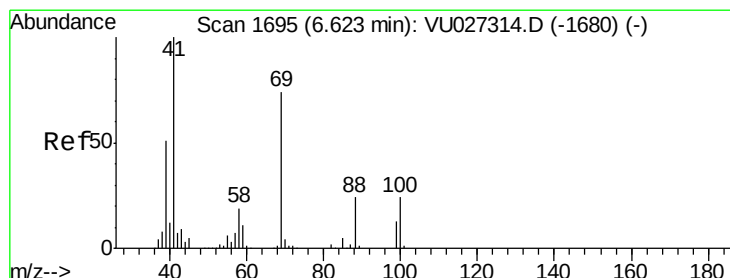
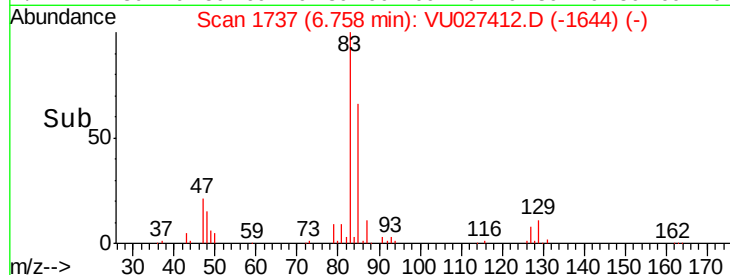


Abundance Ion 82.90 (82.60 to 83.60): VU027412.D (-1644) (-)

Ion 84.90 (84.60 to 85.60): VU027412.D (-1644) (-)

Ion 126.80 (126.50 to 127.50): VU027412.D (-1644) (-)

Time-->



#48

Methyl methacrylate

Concen: 47.705 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. -0.00 min

Lab File: VU027412.D

Acq: 04 Oct 2018 16:45

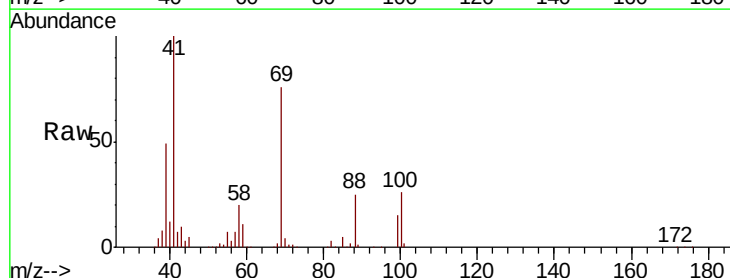
Tgt Ion: 41 Resp: 122318

Ion Ratio Lower Upper

41 100

69 77.5 61.0 91.4

39 49.3 39.9 59.9

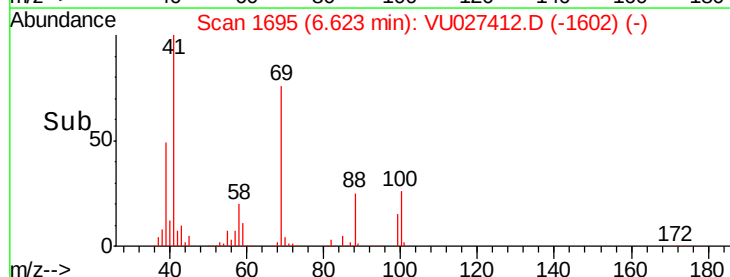


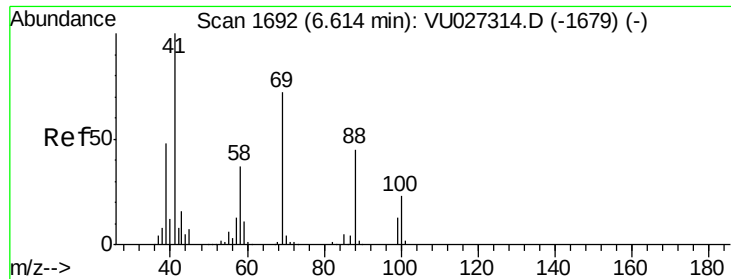
Abundance Ion 41.00 (40.70 to 41.70): VU027412.D (-1602) (-)

Ion 69.00 (68.70 to 69.70): VU027412.D (-1602) (-)

Ion 39.00 (38.70 to 39.70): VU027412.D (-1602) (-)

Time-->

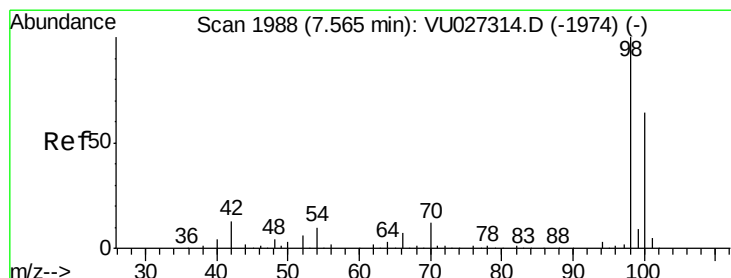
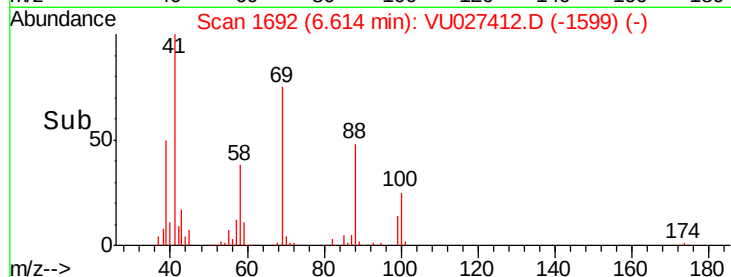
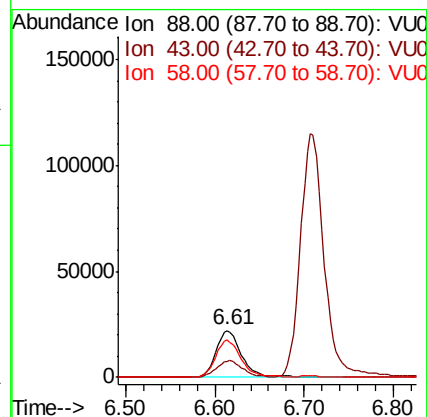
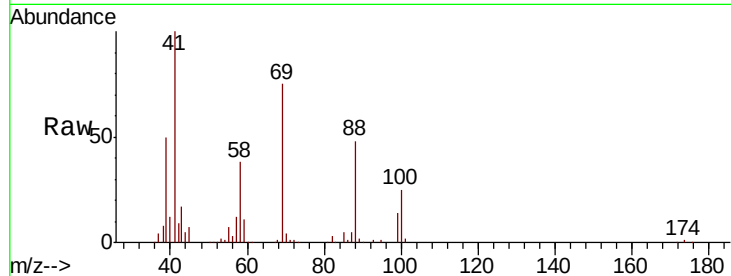




#49
1,4-Dioxane
Concen: 1004.314 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027412.D
Acq: 04 Oct 2018 16:45

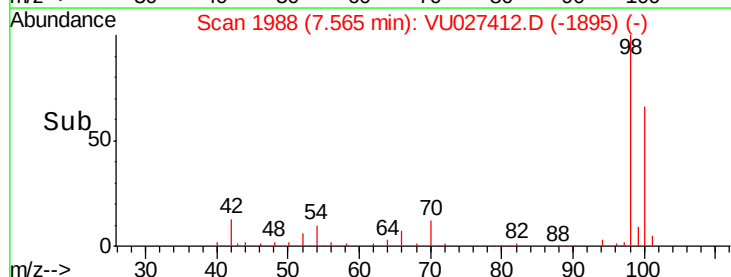
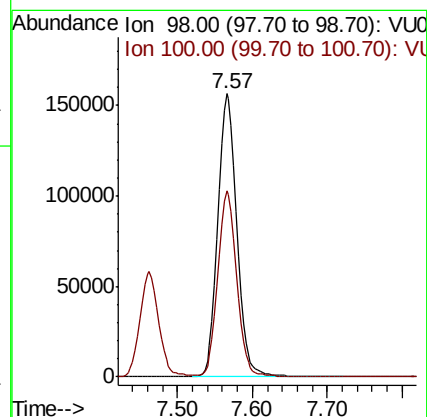
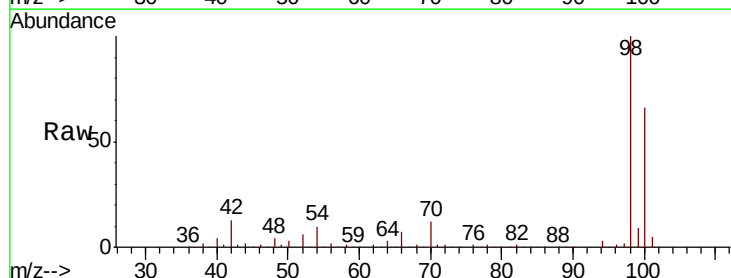
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

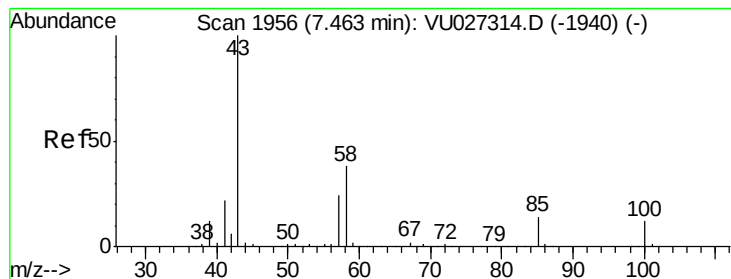
Tgt Ion: 88 Resp: 44307
Ion Ratio Lower Upper
88 100
43 36.0 30.8 46.2
58 78.7 67.0 100.6



#50
Toluene-d8
Concen: 45.857 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027412.D
Acq: 04 Oct 2018 16:45

Tgt Ion: 98 Resp: 278276
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 235.954 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VU027412.D

Acq: 04 Oct 2018 16:45

Instrument :

MSVOA_U

ClientSampleId :

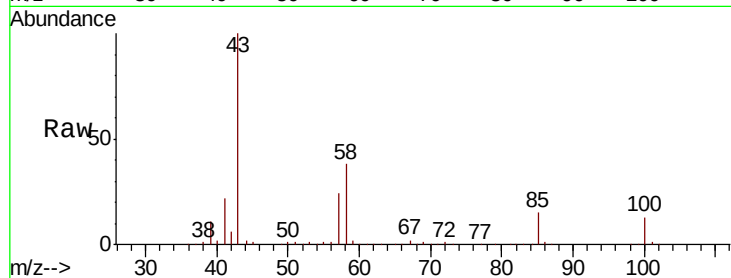
VSTDCCC050

Tgt Ion: 43 Resp: 790564

Ion Ratio Lower Upper

43 100

58 38.4 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

7.46

400000

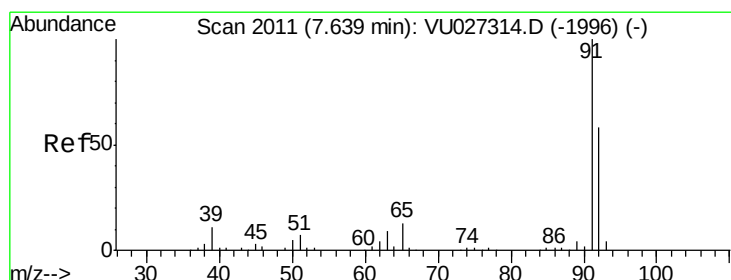
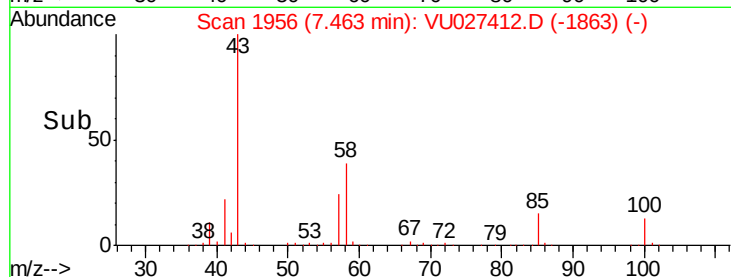
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 47.340 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU027412.D

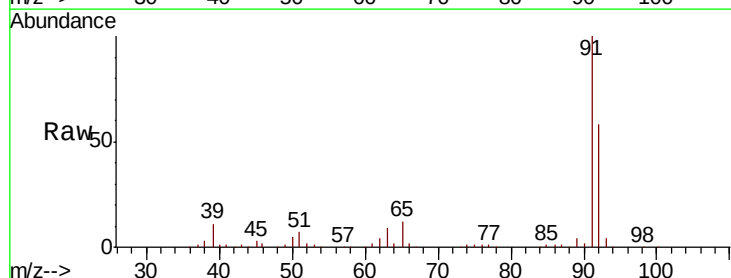
Acq: 04 Oct 2018 16:45

Tgt Ion: 92 Resp: 209661

Ion Ratio Lower Upper

92 100

91 171.6 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

7.64

200000

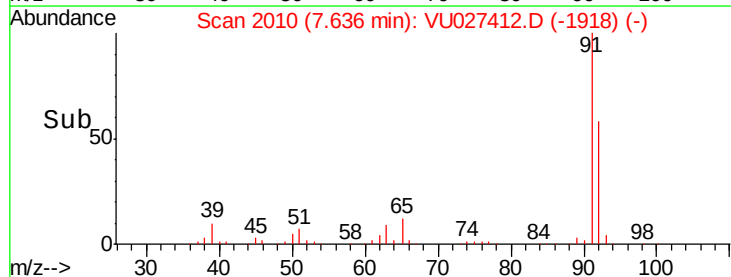
150000

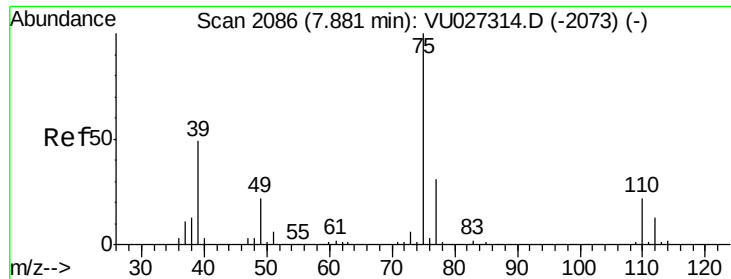
100000

50000

0

Time-->

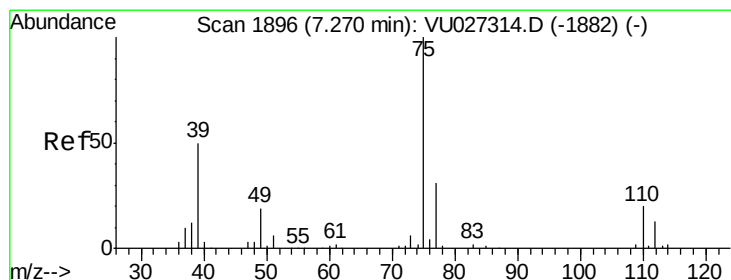
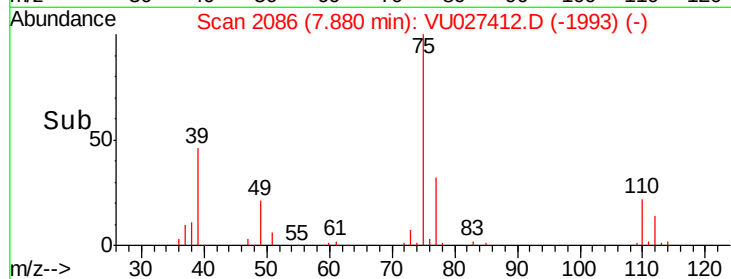
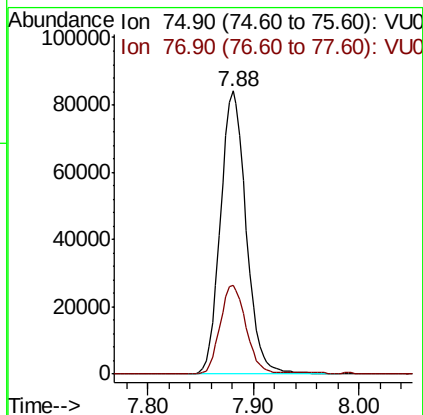
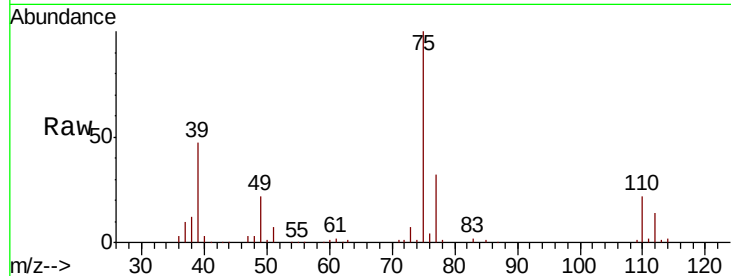




#53
 t-1,3-Dichloropropene
 Concen: 47.895 ug/l
 RT: 7.88 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: VU027412.D
 Acq: 04 Oct 2018 16:45

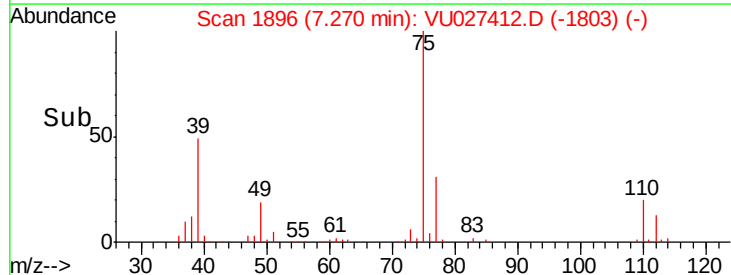
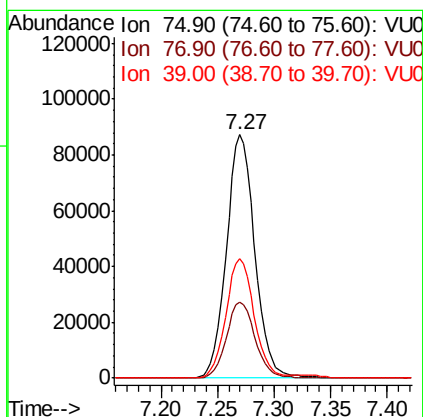
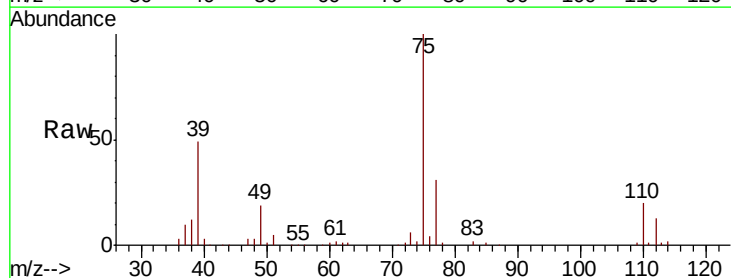
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

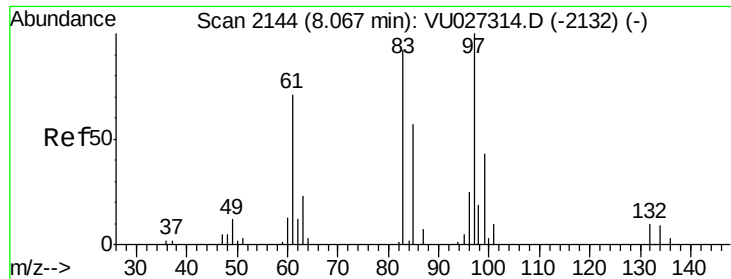
Tgt Ion: 75 Resp: 142033
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 47.795 ug/l
 RT: 7.27 min Scan# 1896
 Delta R.T. -0.00 min
 Lab File: VU027412.D
 Acq: 04 Oct 2018 16:45

Tgt Ion: 75 Resp: 152368
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.5 36.7
 39 48.9 40.1 60.1

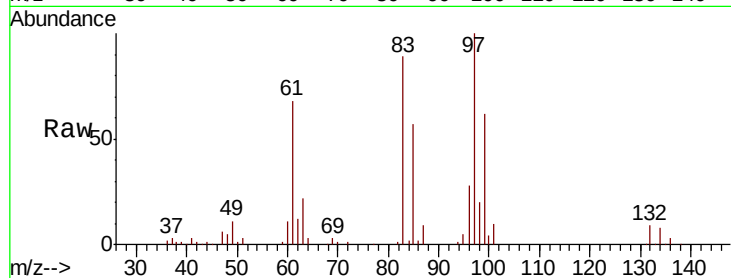




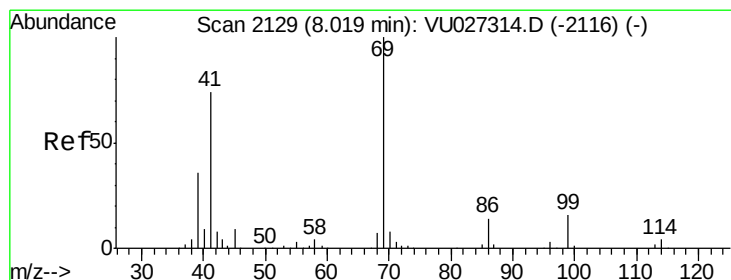
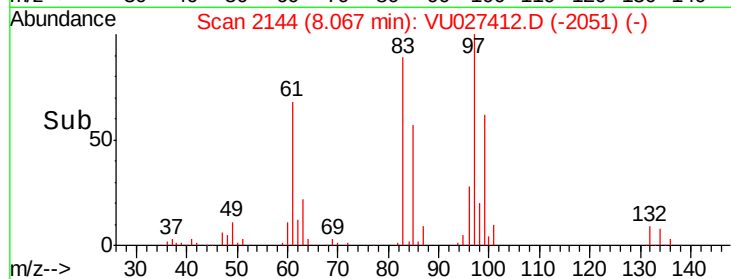
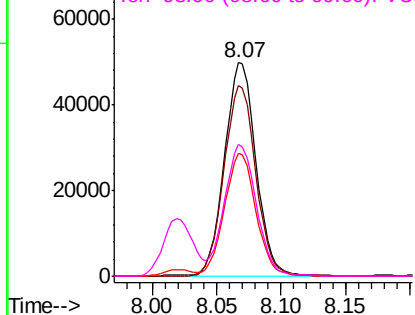
#55
 1,1,2-Trichloroethane
 Concen: 48.141 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027412.D
 Acq: 04 Oct 2018 16:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 84534
 Ion Ratio Lower Upper
 97 100
 83 89.5 73.0 109.6
 85 57.5 47.3 70.9
 99 61.7 49.7 74.5

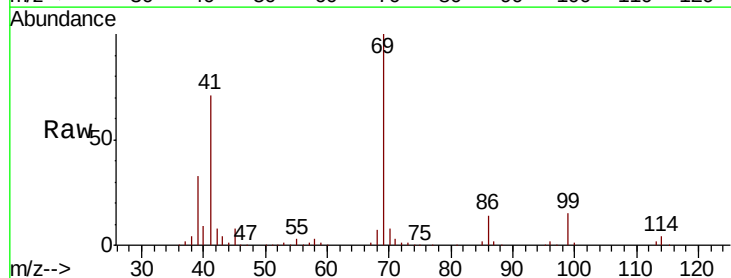


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

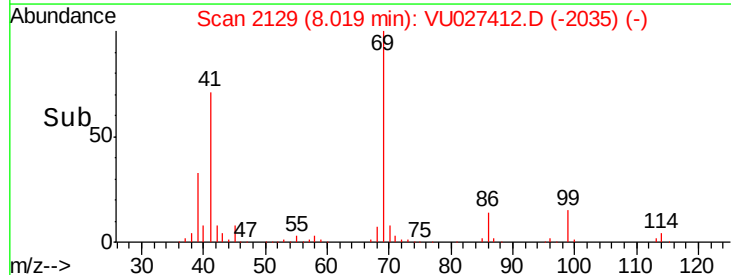
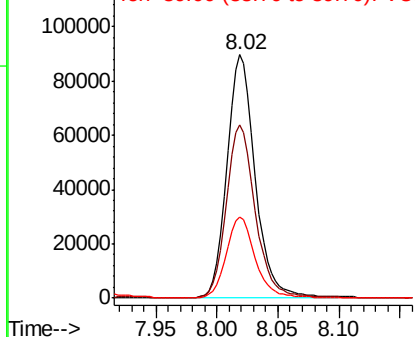


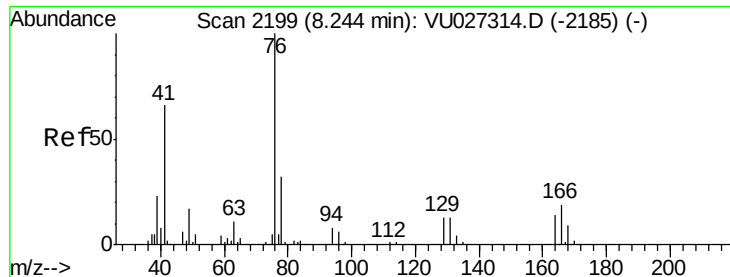
#56
 Ethyl methacrylate
 Concen: 43.706 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027412.D
 Acq: 04 Oct 2018 16:45

Tgt Ion: 69 Resp: 145961
 Ion Ratio Lower Upper
 69 100
 41 73.6 60.0 90.0
 39 33.9 29.5 44.3



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

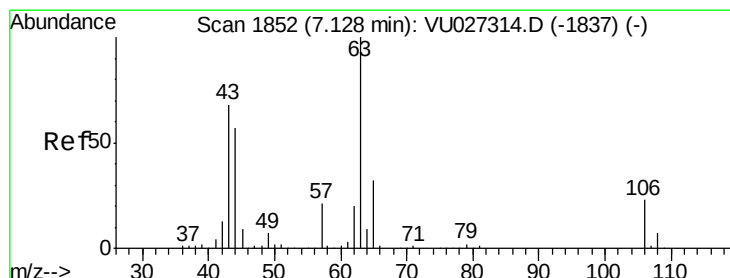
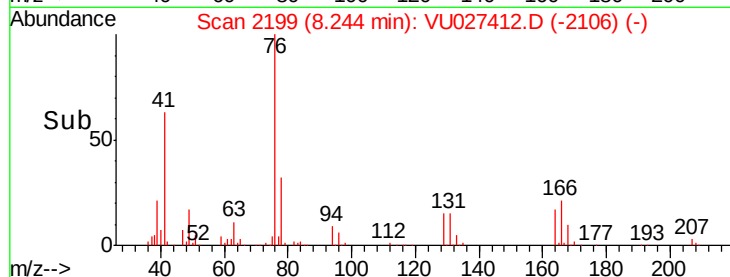
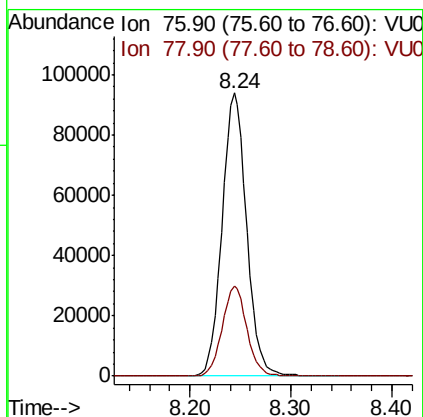
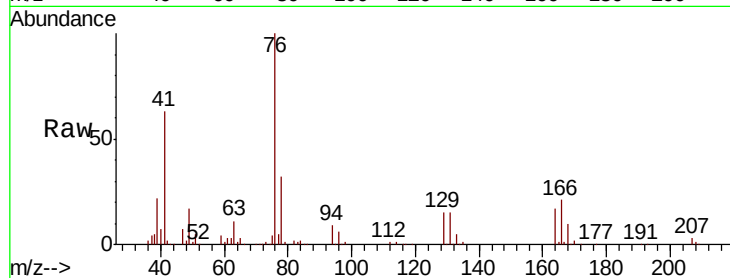




#57
 1,3-Dichloropropane
 Concen: 46.796 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: VU027412.D
 Acq: 04 Oct 2018 16:45

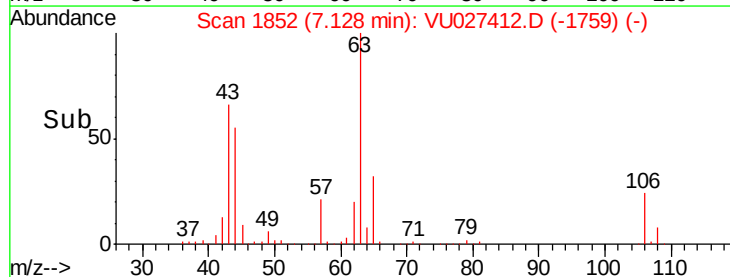
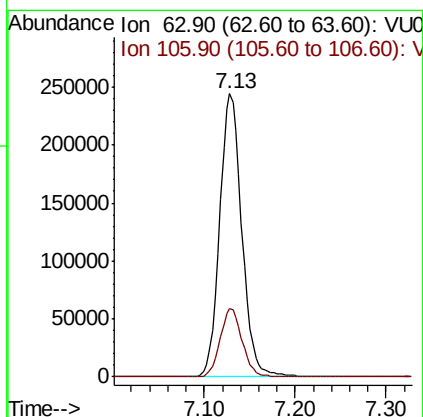
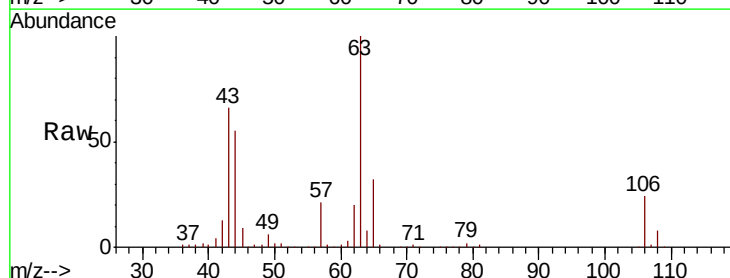
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

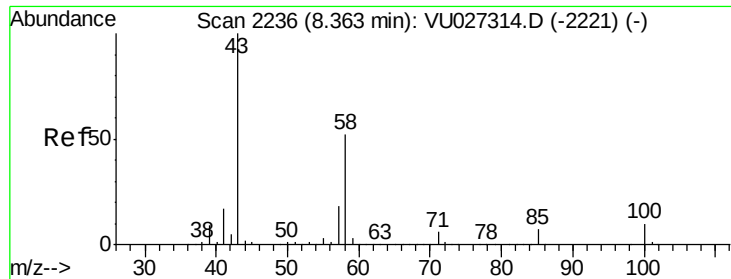
Tgt Ion: 76 Resp: 159517
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 223.981 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VU027412.D
 Acq: 04 Oct 2018 16:45

Tgt Ion: 63 Resp: 411977
 Ion Ratio Lower Upper
 63 100
 106 24.0 18.5 27.7

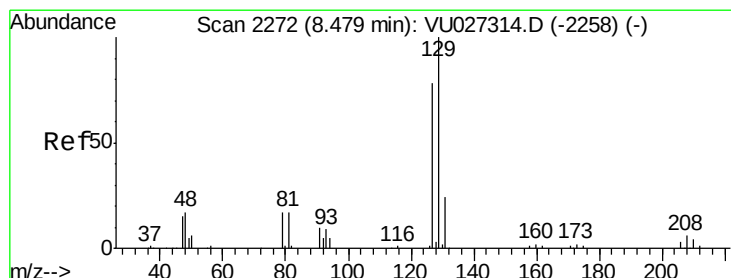
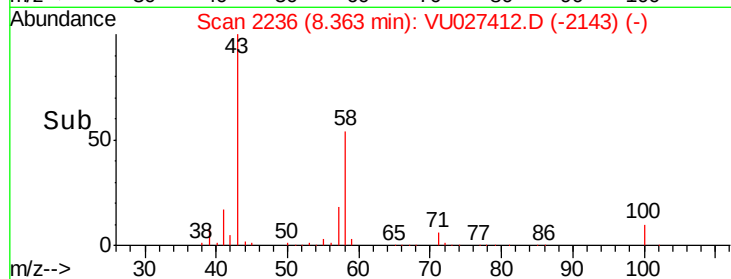
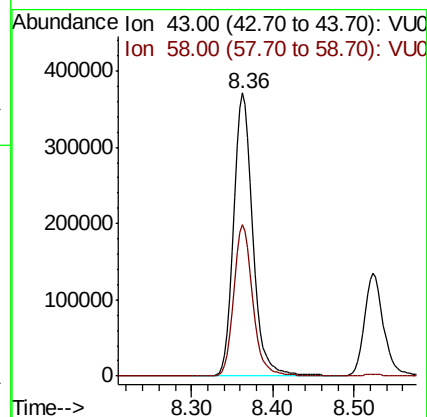
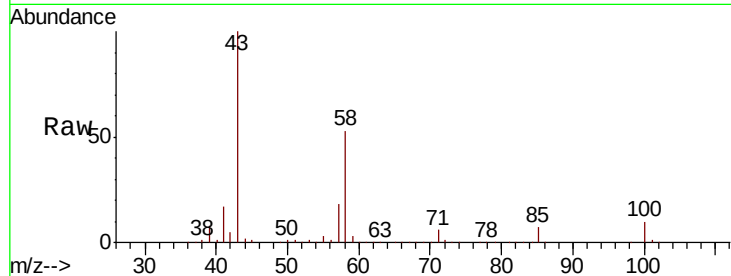




#59
2-Hexanone
Concen: 238.089 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. -0.00 min
Lab File: VU027412.D
Acq: 04 Oct 2018 16:45

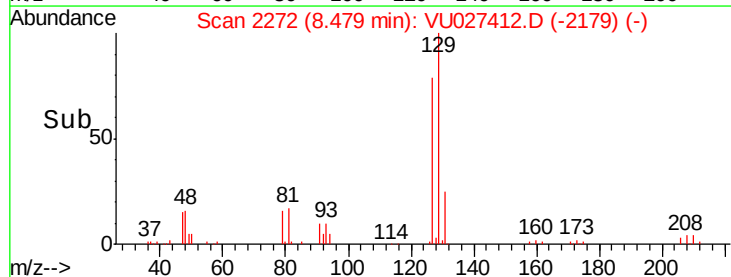
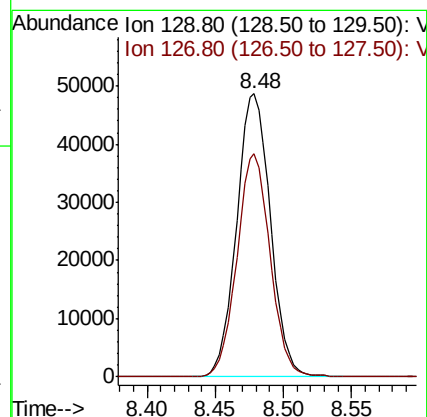
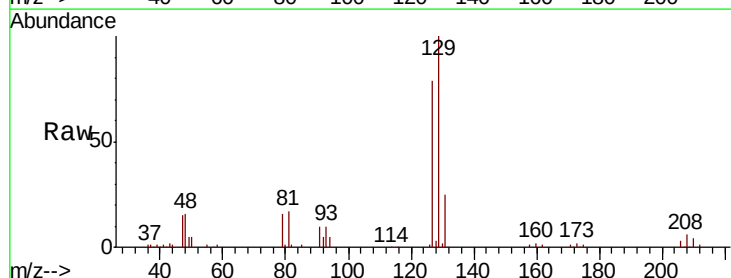
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

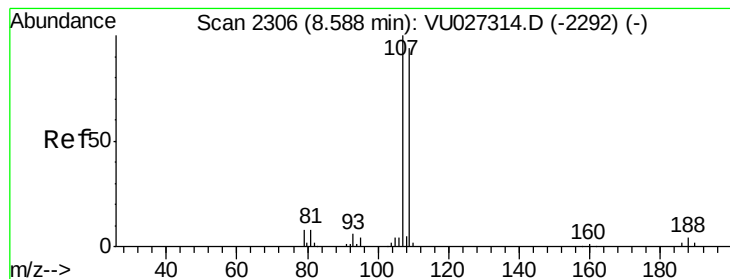
Tgt Ion: 43 Resp: 618806
Ion Ratio Lower Upper
43 100
58 53.0 26.1 78.3



#60
Dibromochloromethane
Concen: 47.574 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VU027412.D
Acq: 04 Oct 2018 16:45

Tgt Ion: 129 Resp: 83784
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.2





#61

1,2-Dibromoethane

Concen: 47.511 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VU027412.D

Acq: 04 Oct 2018 16:45

Instrument :

MSVOA_U

ClientSampleId :

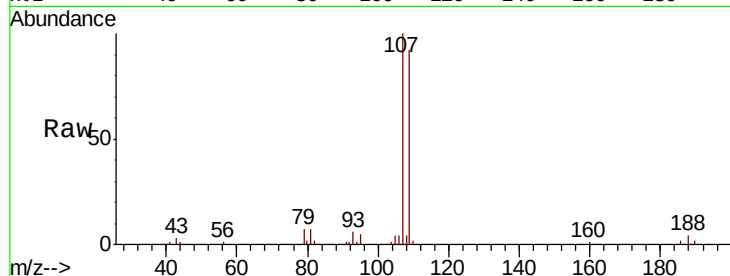
VSTDCCC050

Tgt Ion: 107 Resp: 88703

Ion Ratio Lower Upper

107 100

109 92.1 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.59

60000

50000

40000

30000

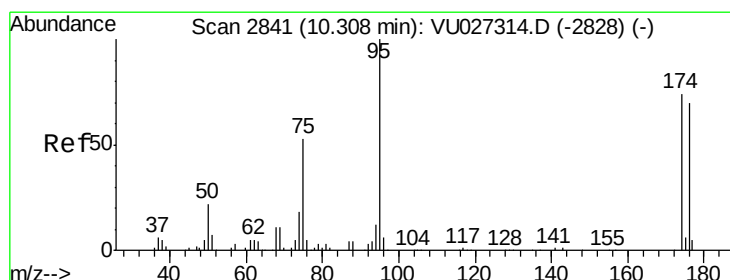
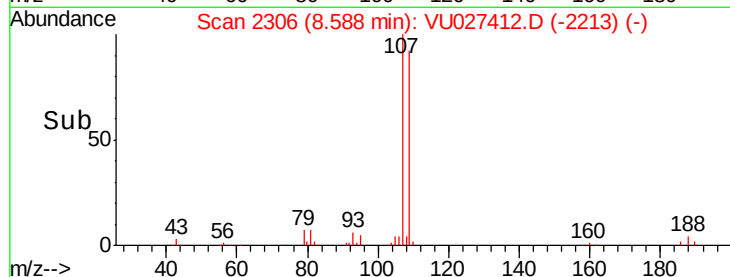
20000

10000

0

8.50 8.55 8.60 8.65 8.70

Time-->



#62

4-Bromofluorobenzene

Concen: 46.581 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027412.D

Acq: 04 Oct 2018 16:45

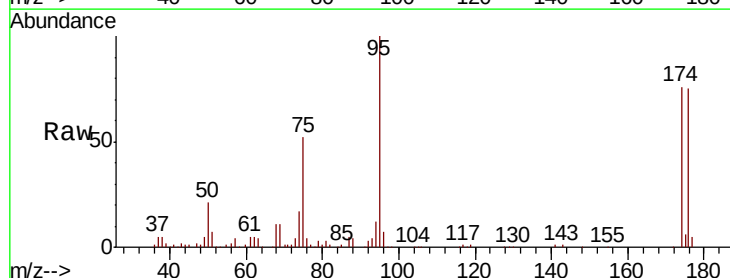
Tgt Ion: 95 Resp: 105050

Ion Ratio Lower Upper

95 100

174 75.6 0.0 147.8

176 74.0 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

10.31

80000

60000

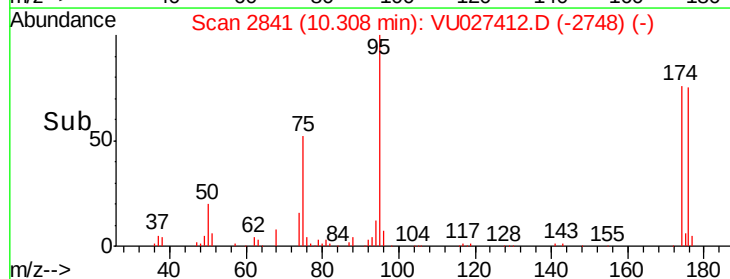
40000

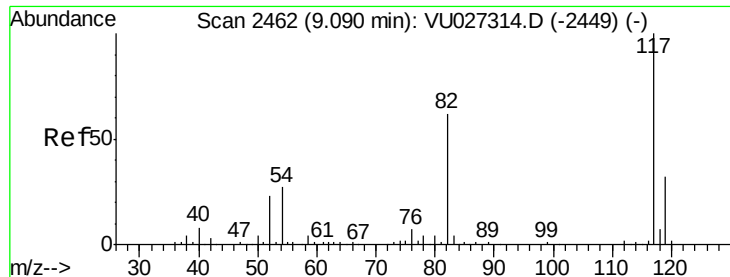
20000

0

10.30 10.40

Time-->

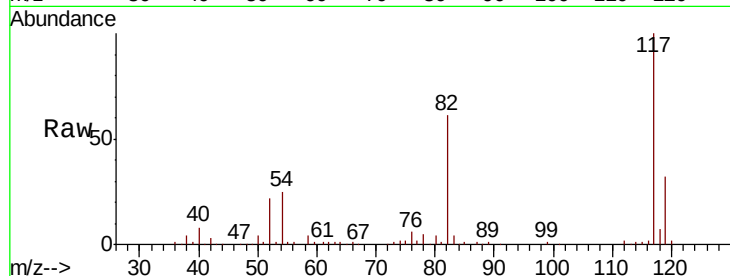




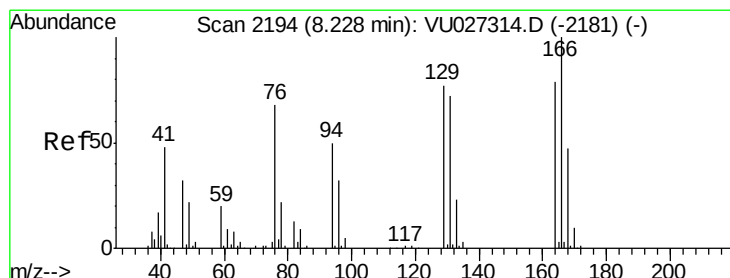
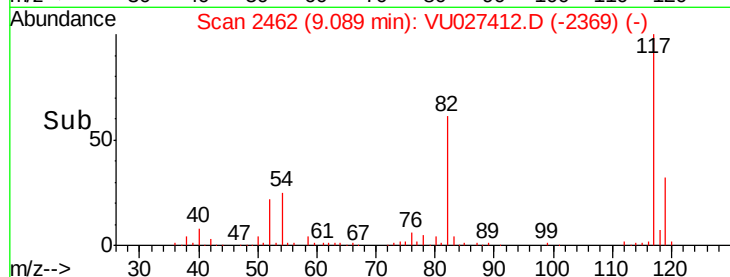
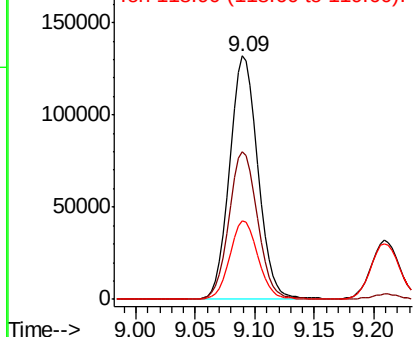
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027412.D
Acq: 04 Oct 2018 16:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 217862
Ion Ratio Lower Upper
117 100
82 60.9 49.2 73.8
119 32.4 25.7 38.5



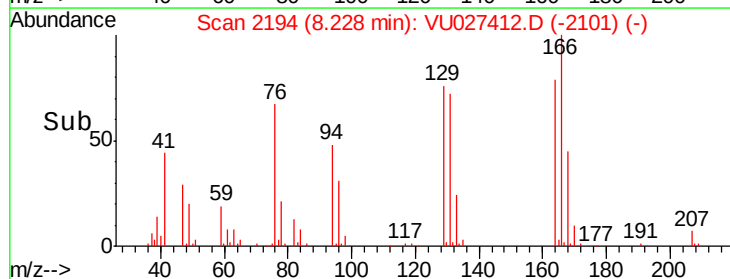
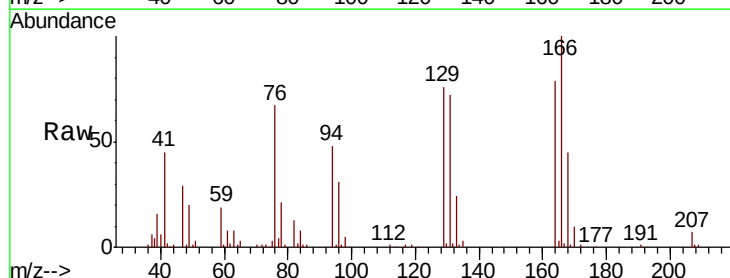
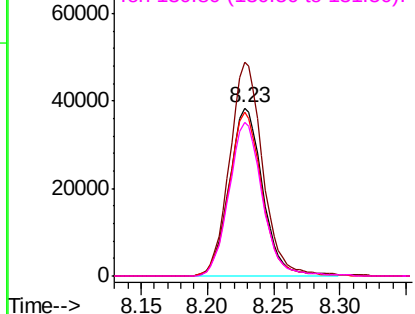
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

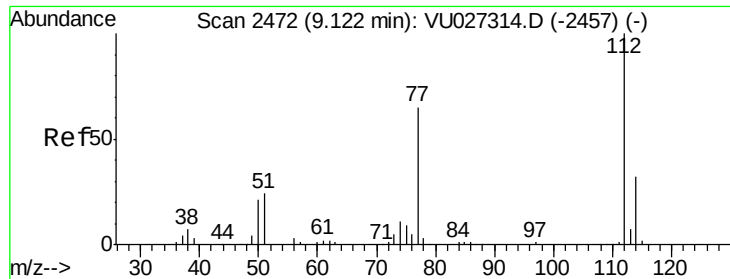


#64
Tetrachloroethene
Concen: 49.658 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027412.D
Acq: 04 Oct 2018 16:45

Tgt Ion:164 Resp: 67347
Ion Ratio Lower Upper
164 100
166 127.3 101.0 151.6
129 97.4 78.0 117.0
131 91.5 72.6 109.0

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

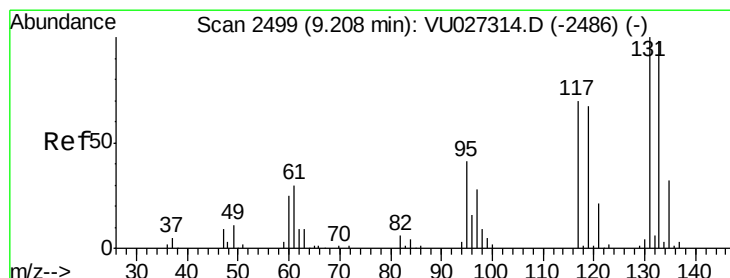
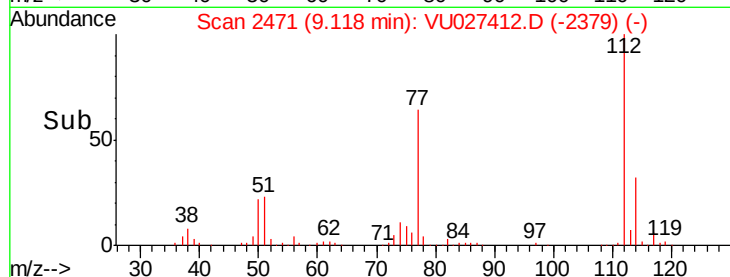
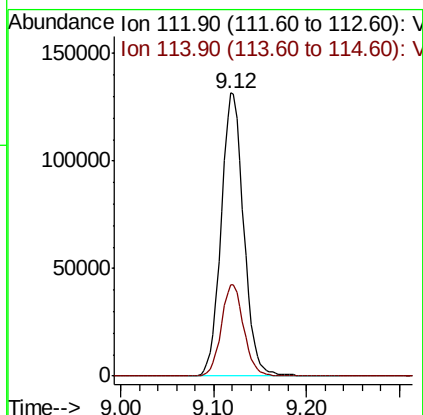
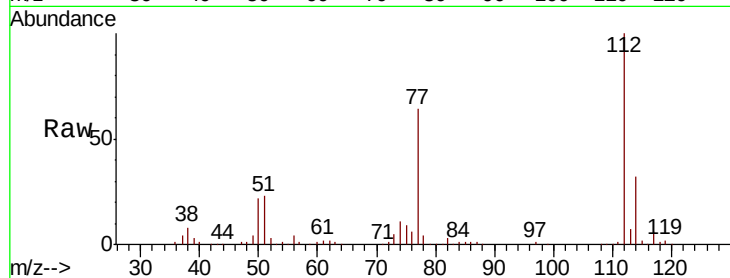




#65
Chlorobenzene
Concen: 48.487 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027412.D
Acq: 04 Oct 2018 16:45

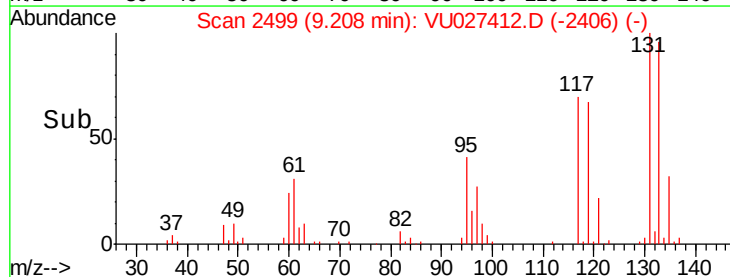
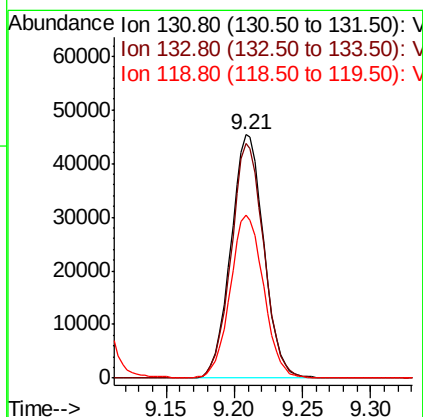
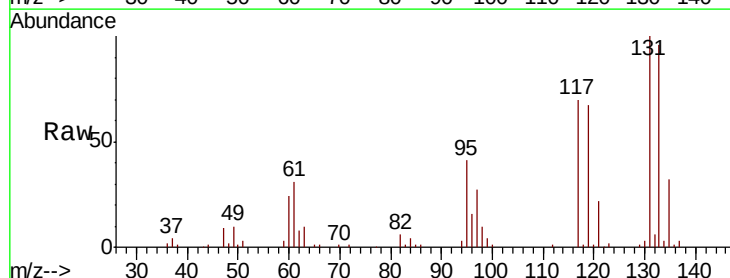
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

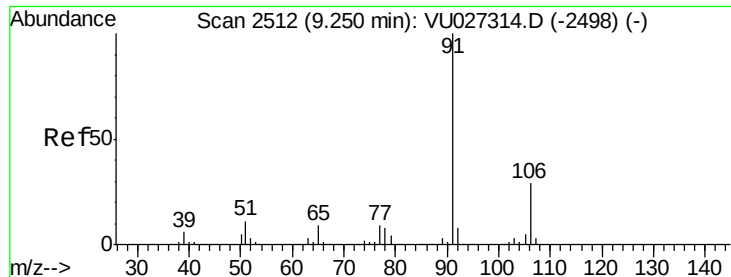
Tgt Ion:112 Resp: 222355
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 47.982 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027412.D
Acq: 04 Oct 2018 16:45

Tgt Ion:131 Resp: 75961
Ion Ratio Lower Upper
131 100
133 95.8 48.5 145.6
119 67.8 33.5 100.4

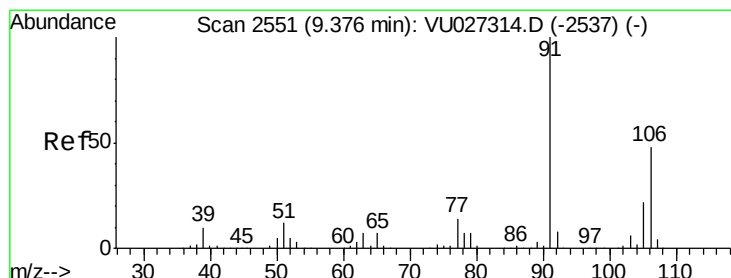
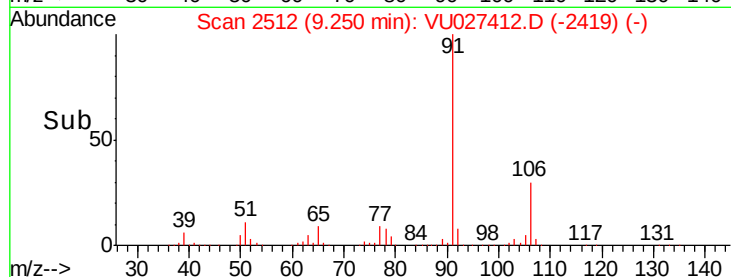
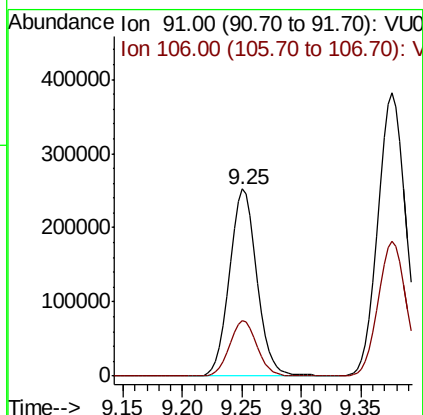
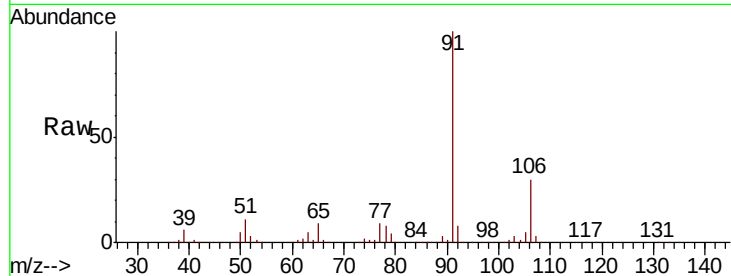




#67
Ethyl Benzene
Concen: 49.736 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027412.D
Acq: 04 Oct 2018 16:45

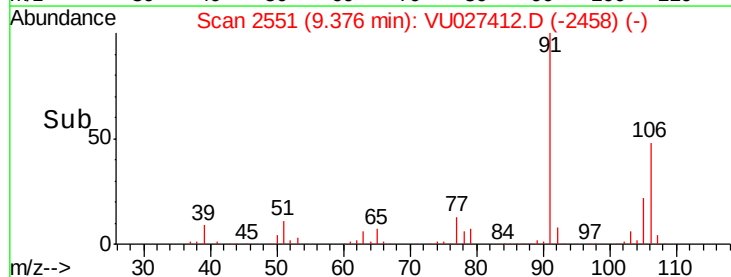
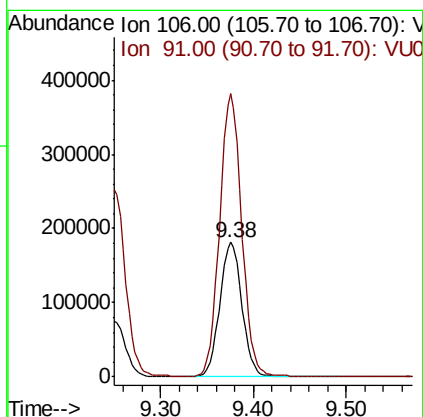
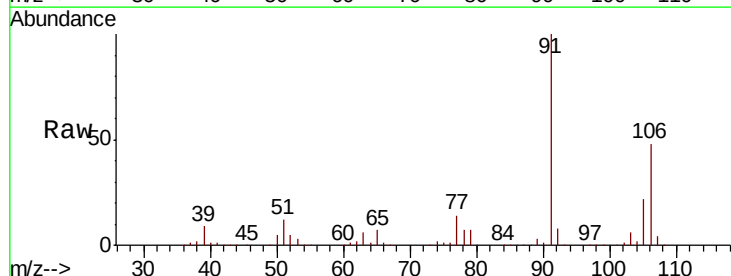
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

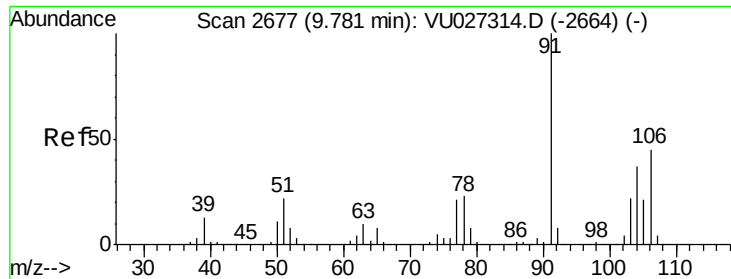
Tgt Ion: 91 Resp: 404096
Ion Ratio Lower Upper
91 100
106 29.7 23.6 35.4



#68
m/p-Xylenes
Concen: 101.147 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027412.D
Acq: 04 Oct 2018 16:45

Tgt Ion: 106 Resp: 300602
Ion Ratio Lower Upper
106 100
91 209.4 168.1 252.1

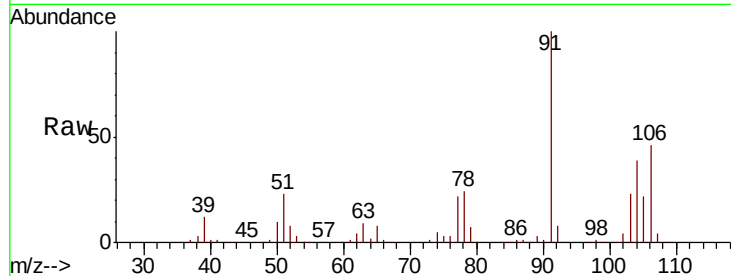




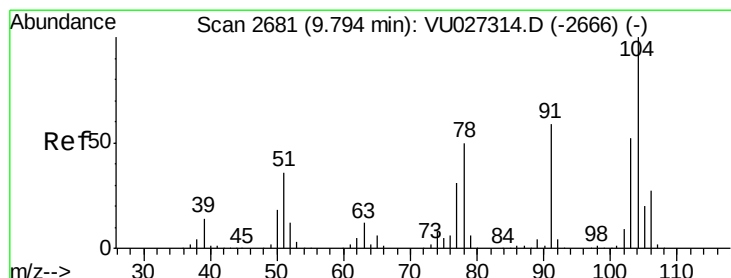
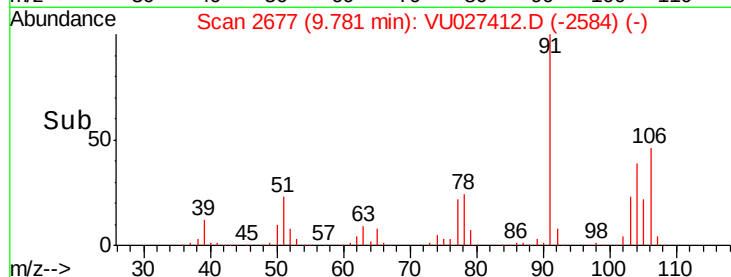
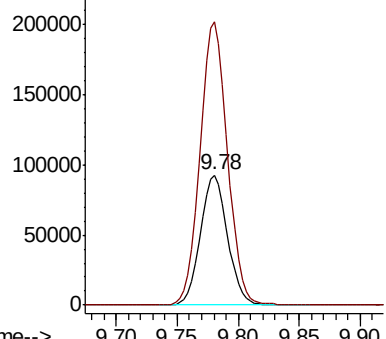
#69
o-Xylene
Concen: 50.996 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027412.D
Acq: 04 Oct 2018 16:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 144022
Ion Ratio Lower Upper
106 100
91 220.1 111.7 334.9

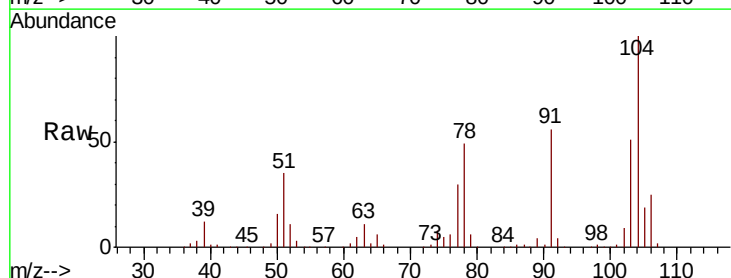


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

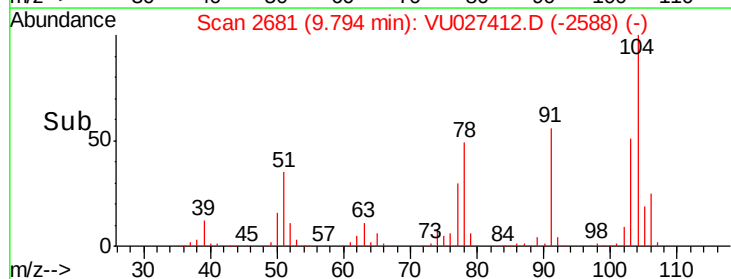
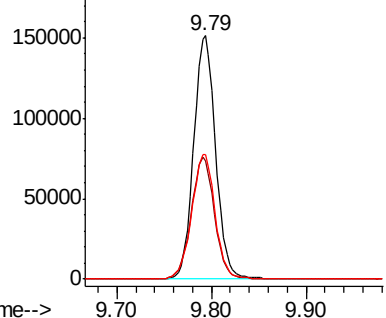


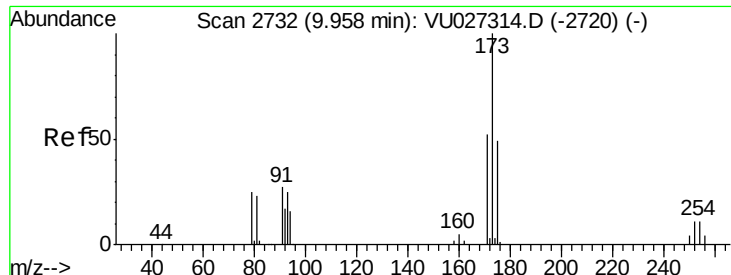
#70
Styrene
Concen: 46.422 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027412.D
Acq: 04 Oct 2018 16:45

Tgt Ion:104 Resp: 244159
Ion Ratio Lower Upper
104 100
78 53.2 42.9 64.3
103 54.4 43.9 65.9



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: 48.010 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. -0.00 min

Lab File: VU027412.D

Acq: 04 Oct 2018 16:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

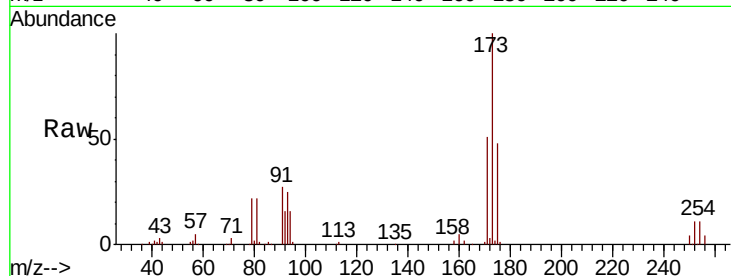
Tgt Ion:173 Resp: 61150

Ion Ratio Lower Upper

173 100

175 49.1 24.3 73.0

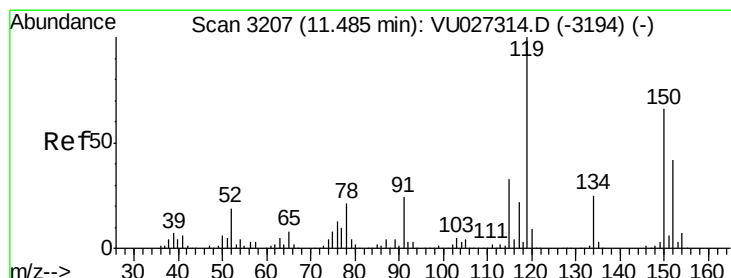
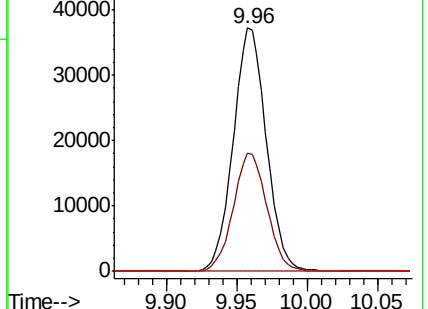
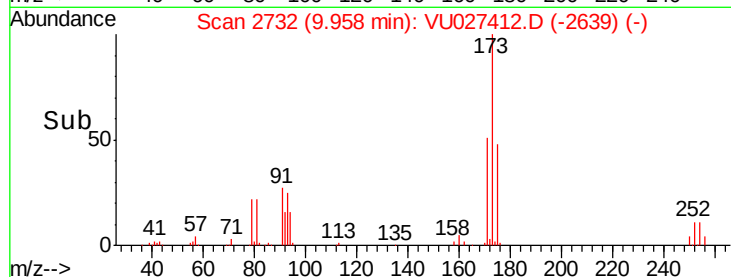
254 0.0 0.0 0.0



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: VU027412.D

Acq: 04 Oct 2018 16:45

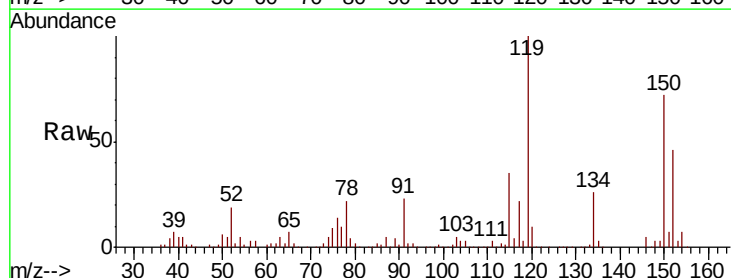
Tgt Ion:152 Resp: 114596

Ion Ratio Lower Upper

152 100

115 83.5 43.4 130.2

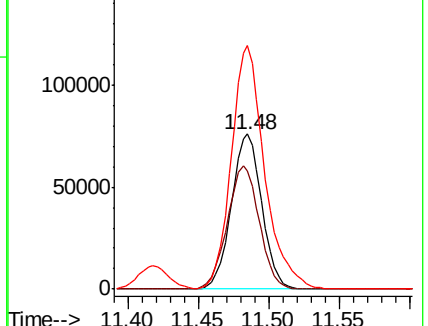
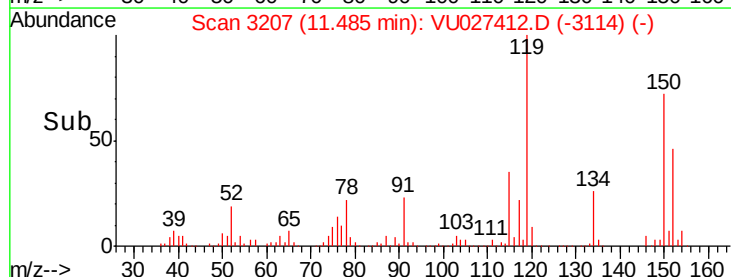
150 172.1 0.0 349.2

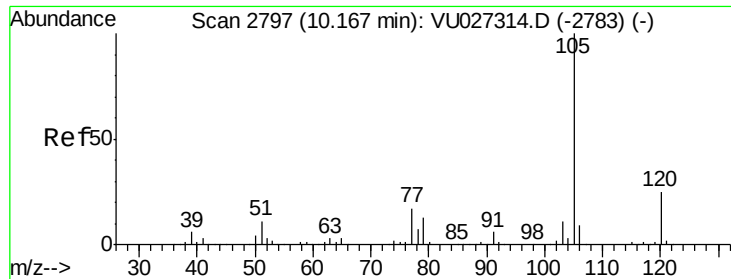


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

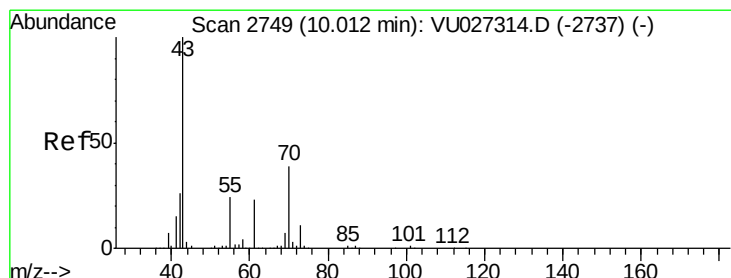
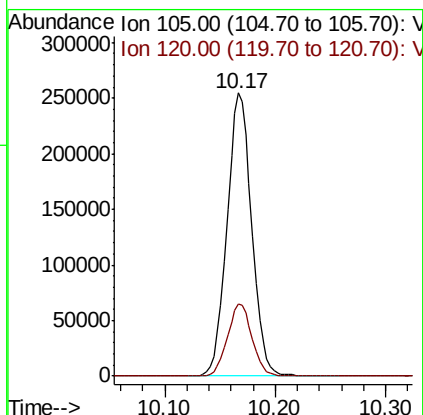
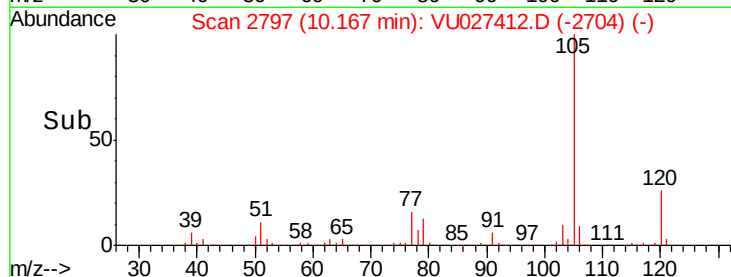
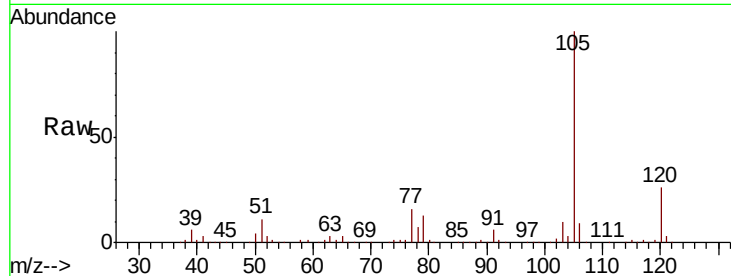




#73
Isopropylbenzene
Concen: 47.359 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. -0.00 min
Lab File: VU027412.D
Acq: 04 Oct 2018 16:45

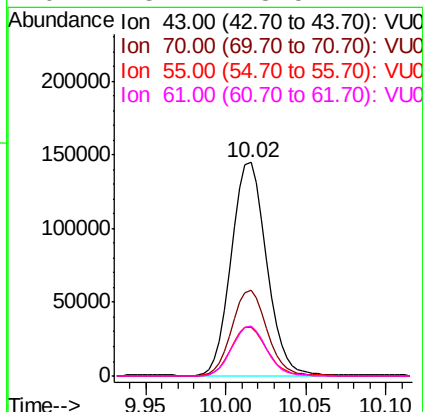
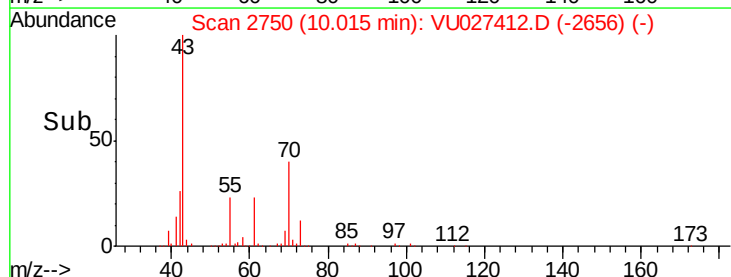
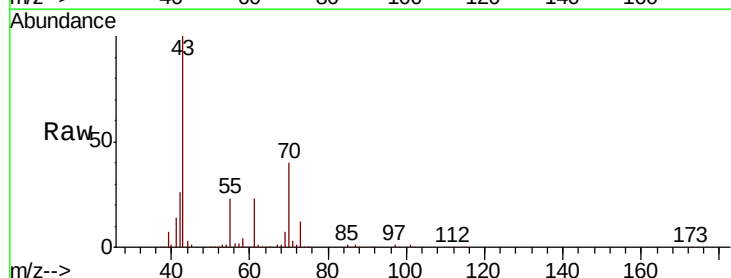
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

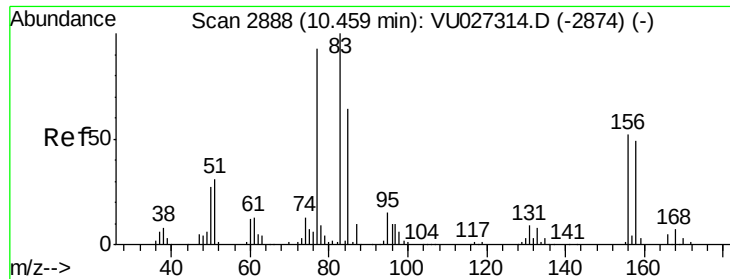
Tgt Ion: 105 Resp: 394163
Ion Ratio Lower Upper
105 100
120 25.5 12.6 37.8



#74
N-ethyl acetate
Concen: 45.730 ug/l
RT: 10.02 min Scan# 2750
Delta R.T. 0.00 min
Lab File: VU027412.D
Acq: 04 Oct 2018 16:45

Tgt Ion: 43 Resp: 217890
Ion Ratio Lower Upper
43 100
70 40.1 31.3 46.9
55 23.6 19.0 28.6
61 23.1 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 44.232 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. -0.00 min

Lab File: VU027412.D

Acq: 04 Oct 2018 16:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

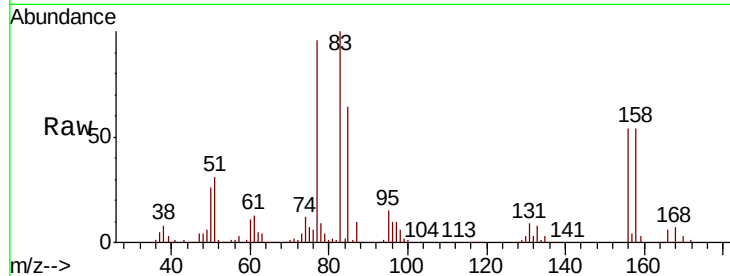
Tgt Ion: 83 Resp: 144554

Ion Ratio Lower Upper

83 100

131 8.6 4.4 13.2

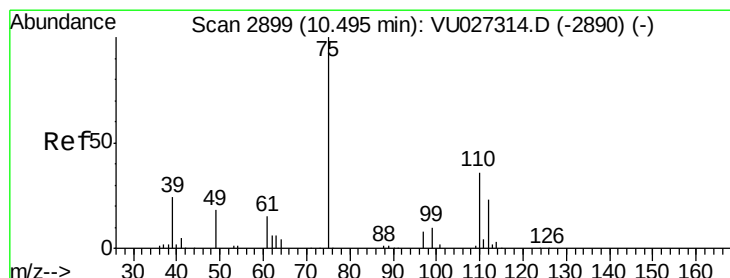
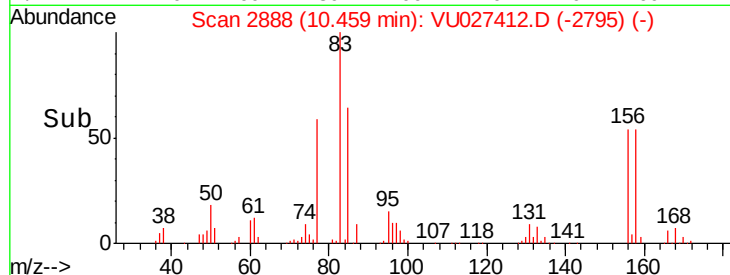
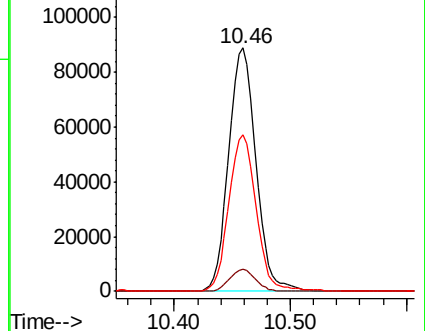
85 64.6 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 58.822 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VU027412.D

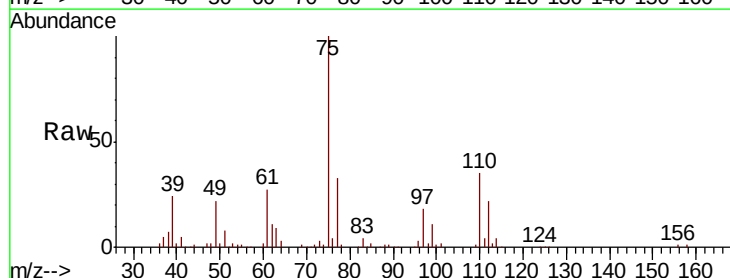
Acq: 04 Oct 2018 16:45

Tgt Ion: 75 Resp: 174736

Ion Ratio Lower Upper

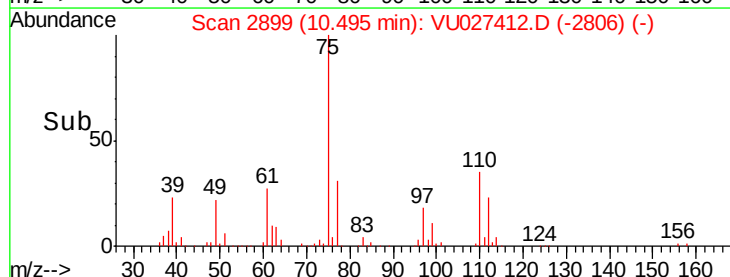
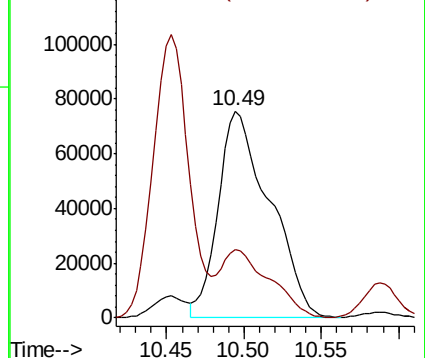
75 100

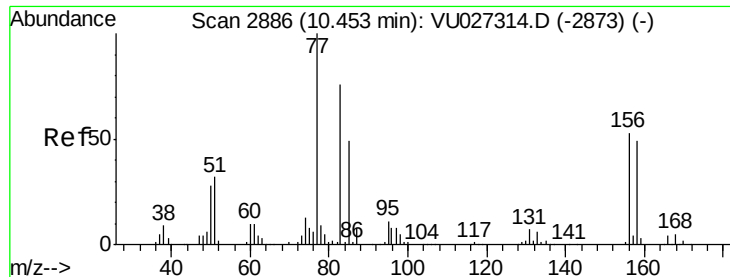
77 30.1 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 47.001 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU027412.D

Acq: 04 Oct 2018 16:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

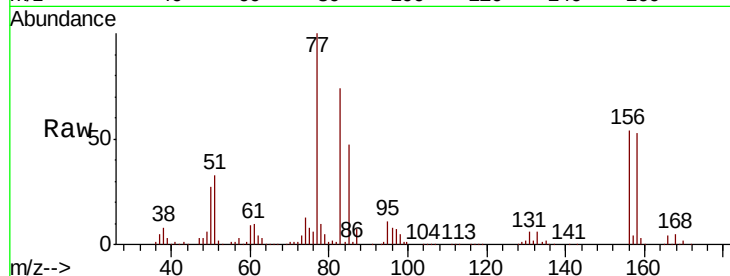
Tgt Ion:156 Resp: 90913

Ion Ratio Lower Upper

156 100

77 183.2 94.8 284.4

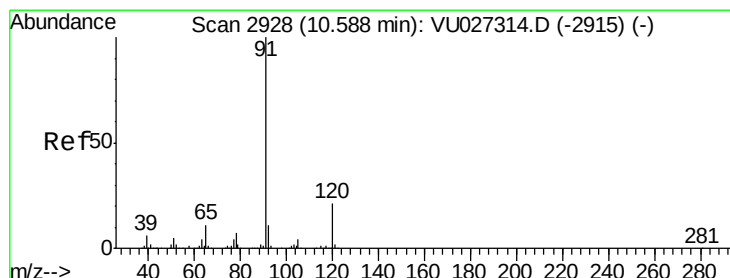
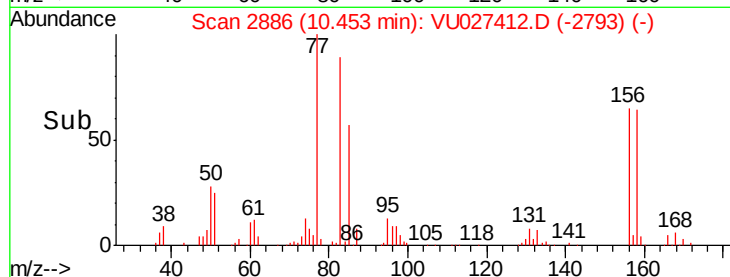
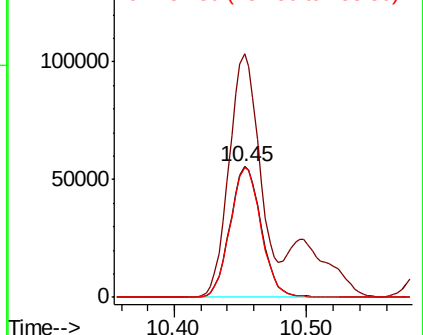
158 98.5 47.4 142.3



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: 48.622 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027412.D

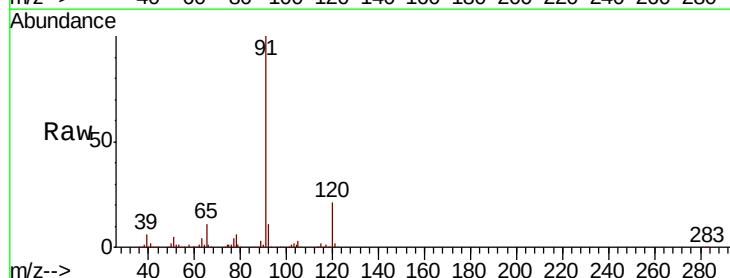
Acq: 04 Oct 2018 16:45

Tgt Ion: 91 Resp: 486268

Ion Ratio Lower Upper

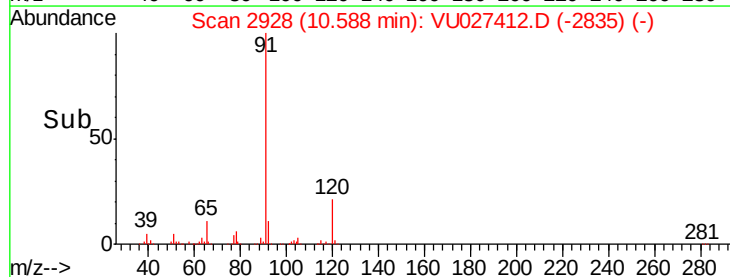
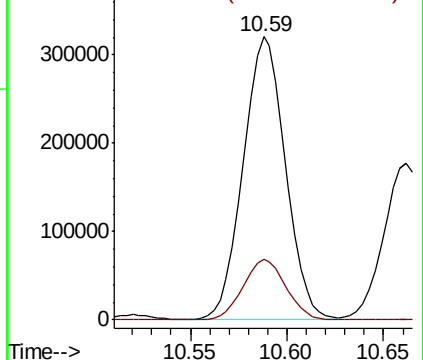
91 100

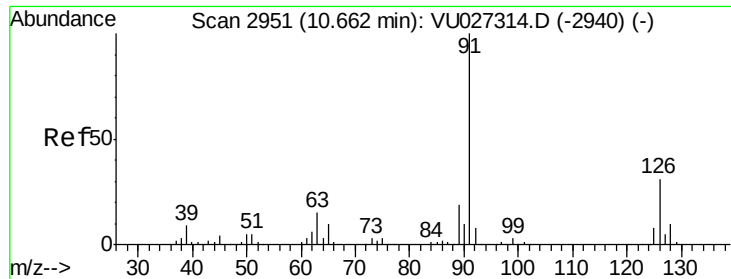
120 21.6 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

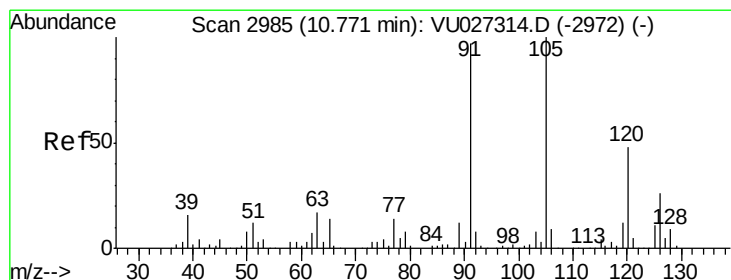
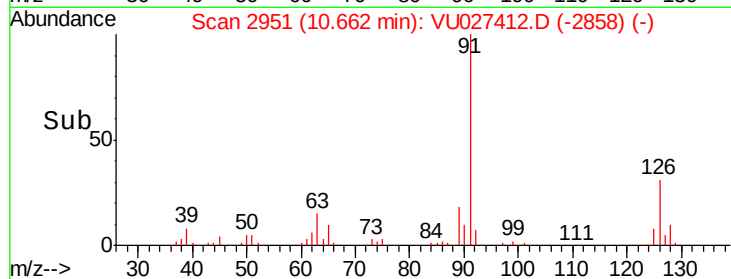
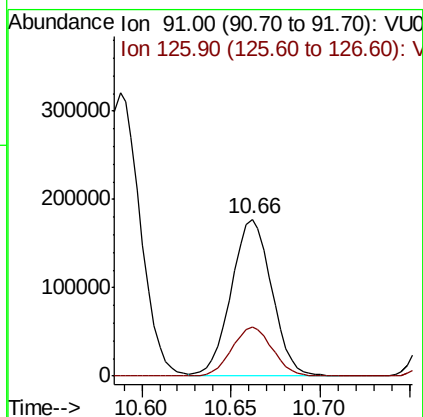
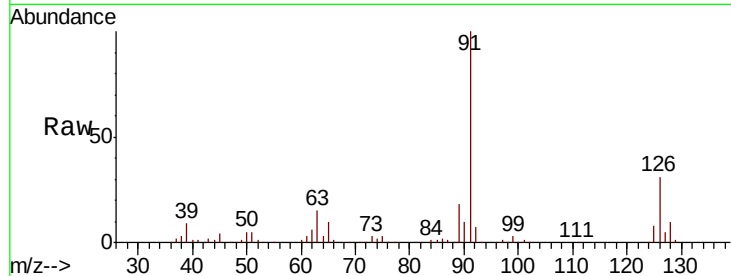




#79
 2-Chlorotoluene
 Concen: 46.135 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: VU027412.D
 Acq: 04 Oct 2018 16:45

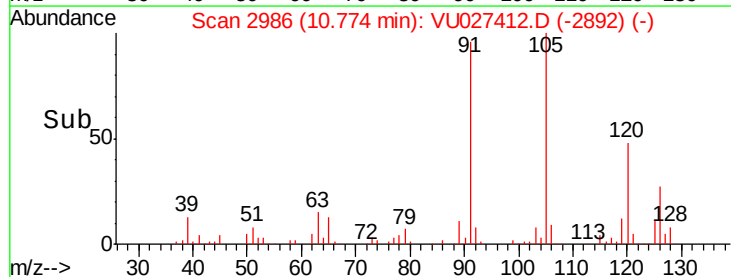
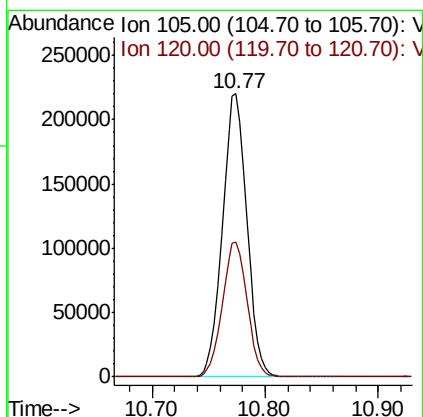
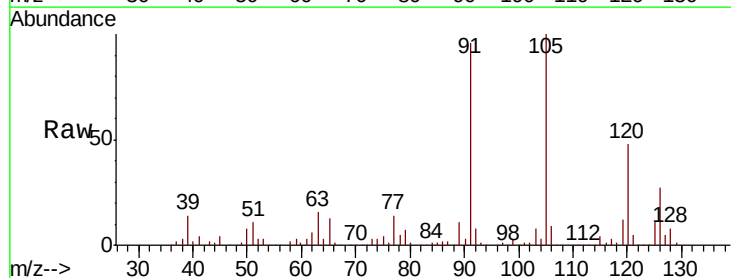
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

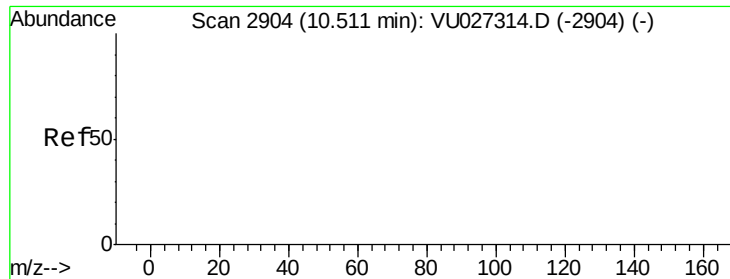
Tgt Ion: 91 Resp: 278587
 Ion Ratio Lower Upper
 91 100
 126 31.4 15.7 47.1



#80
 1,3,5-Trimethylbenzene
 Concen: 48.703 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027412.D
 Acq: 04 Oct 2018 16:45

Tgt Ion: 105 Resp: 330019
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.1 72.4

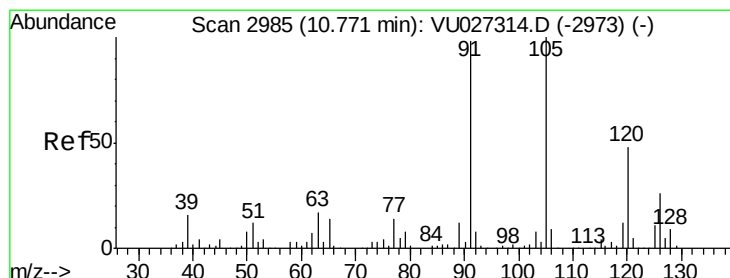
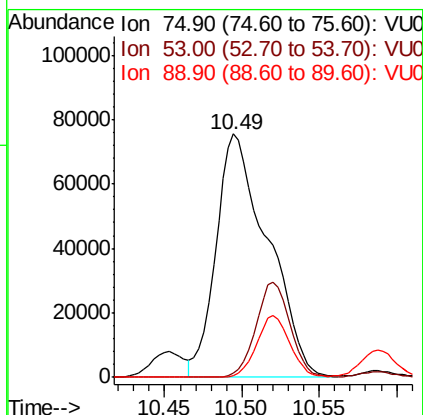
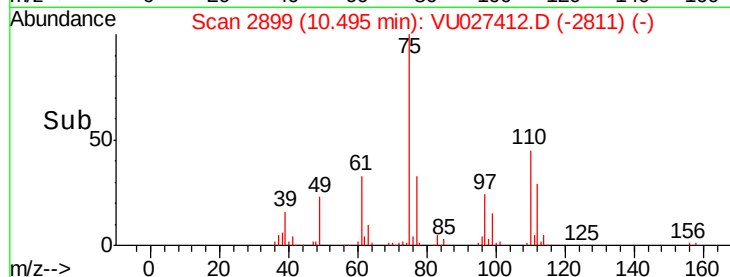
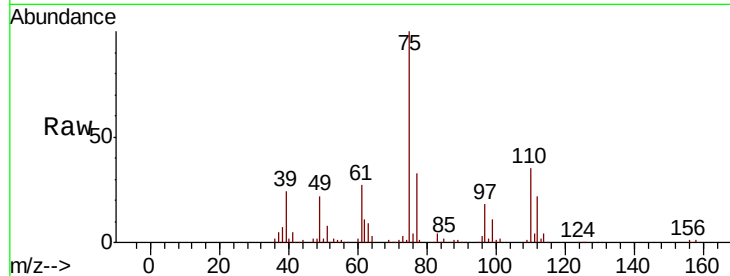




#81
trans-1,4-Dichloro-2-butene
Concen: 153.943 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU027412.D
Acq: 04 Oct 2018 16:45

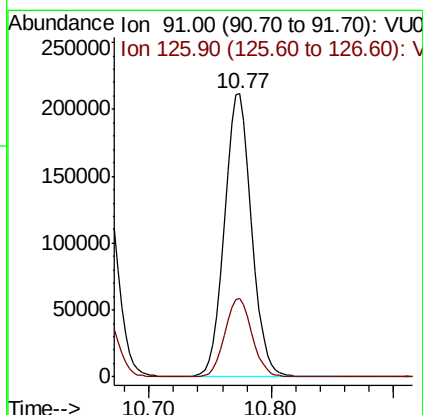
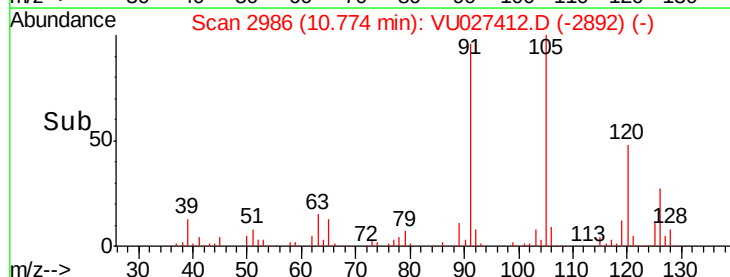
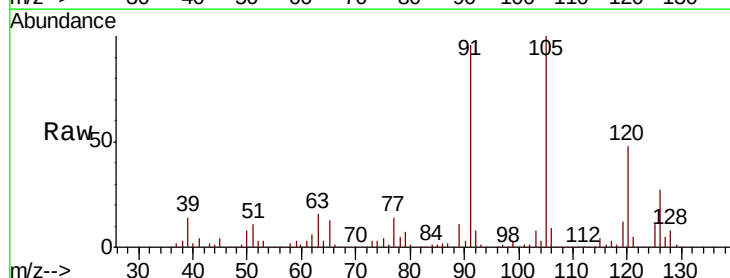
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

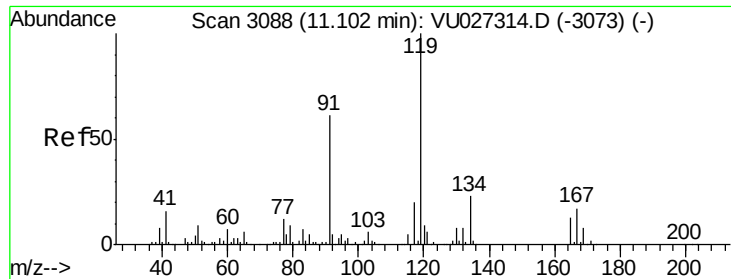
Tgt Ion: 75 Resp: 174736
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 47.941 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU027412.D
Acq: 04 Oct 2018 16:45

Tgt Ion: 91 Resp: 328523
Ion Ratio Lower Upper
91 100
126 27.8 13.6 40.8

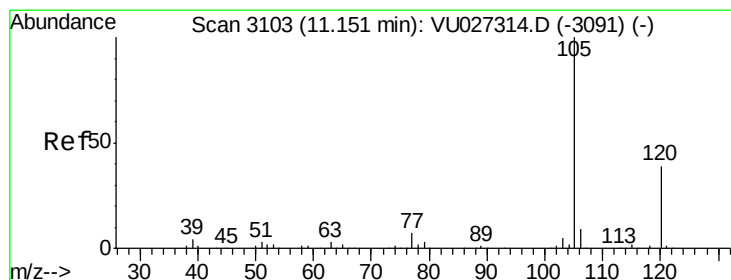
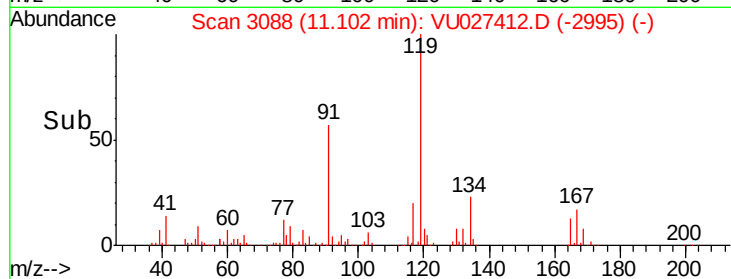
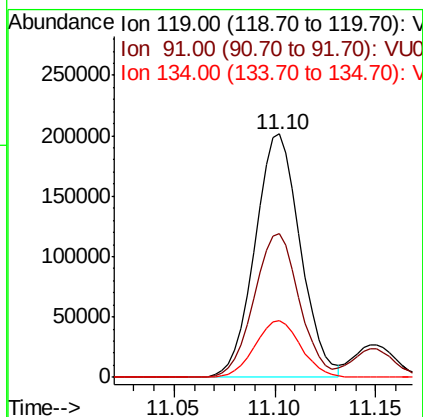
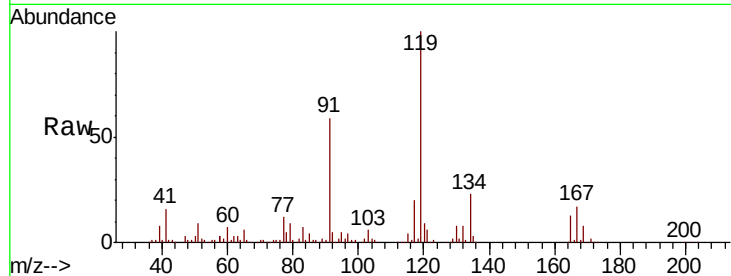




#83
 tert-Butylbenzene
 Concen: 48.328 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. -0.00 min
 Lab File: VU027412.D
 Acq: 04 Oct 2018 16:45

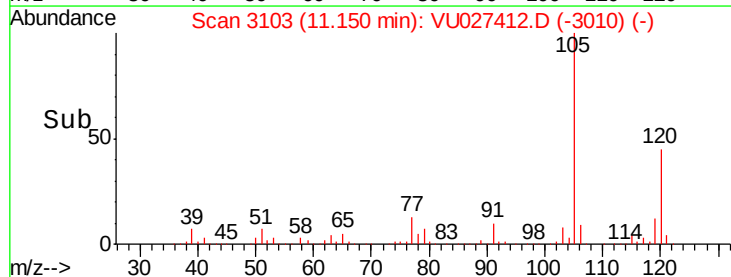
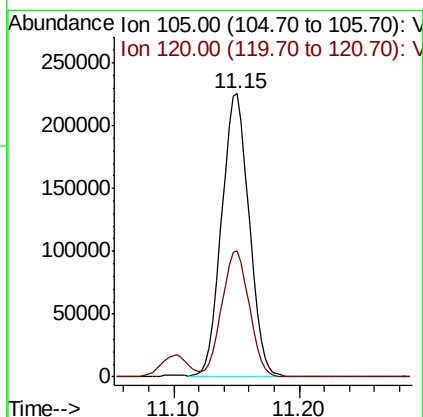
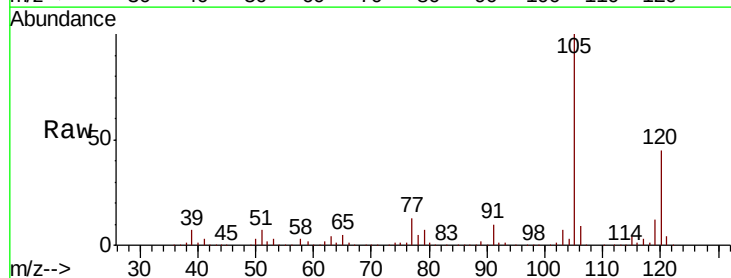
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

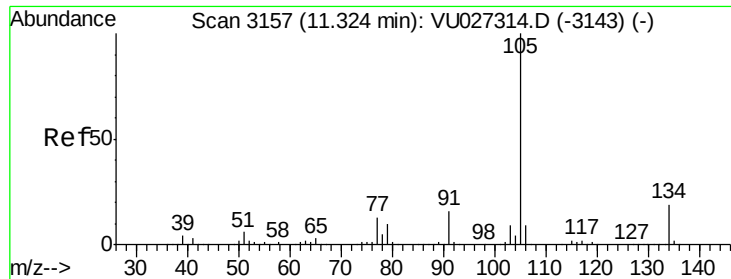
Tgt Ion:119 Resp: 316580
 Ion Ratio Lower Upper
 119 100
 91 58.8 30.3 91.0
 134 23.5 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 49.446 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: VU027412.D
 Acq: 04 Oct 2018 16:45

Tgt Ion:105 Resp: 342255
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.1 66.5

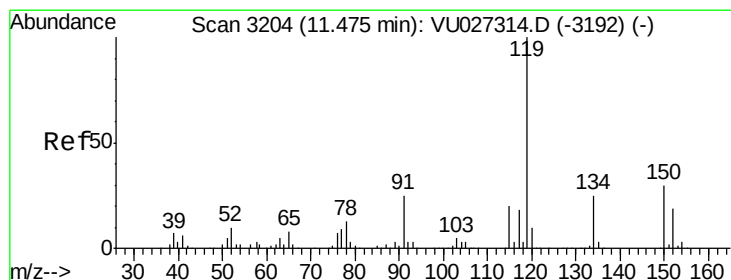
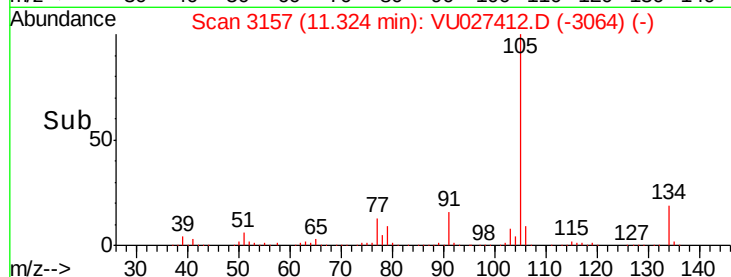
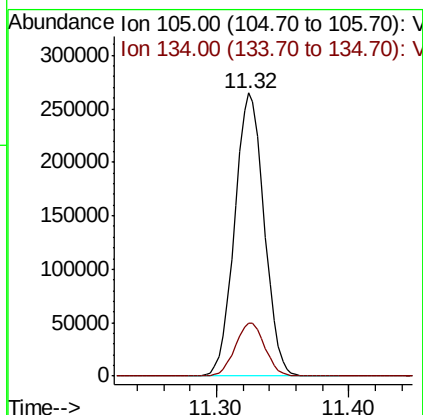
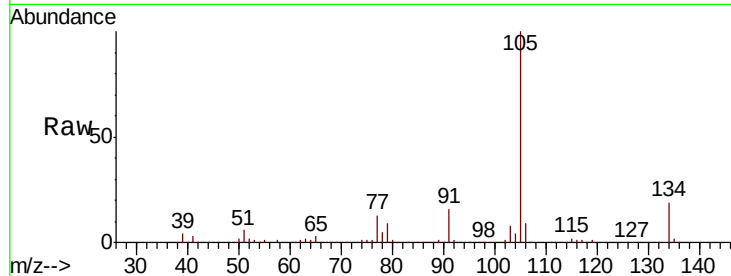




#85
 sec-Butylbenzene
 Concen: 49.410 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU027412.D
 Acq: 04 Oct 2018 16:45

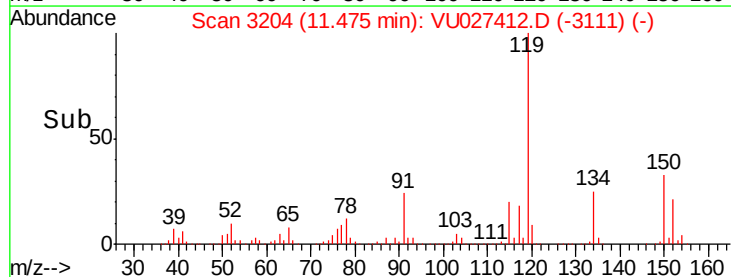
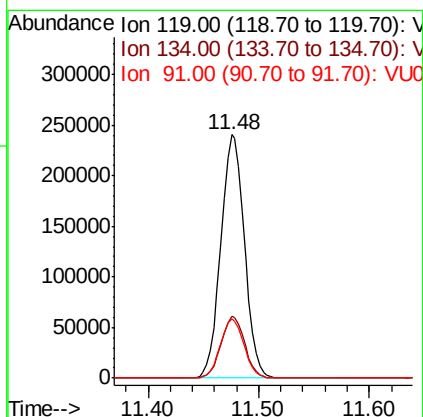
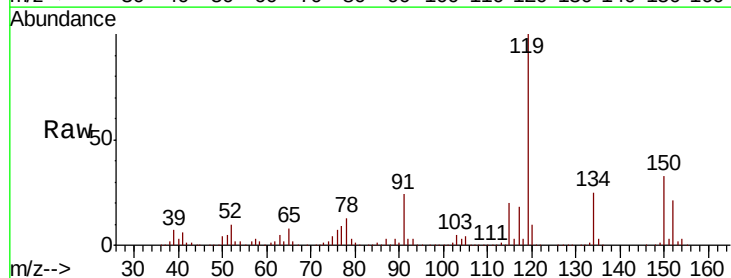
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

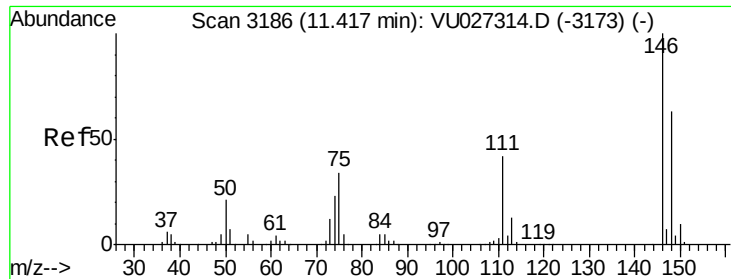
Tgt Ion:105 Resp: 407815
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 50.486 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027412.D
 Acq: 04 Oct 2018 16:45

Tgt Ion:119 Resp: 356782
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.7 38.1
 91 24.2 12.2 36.4

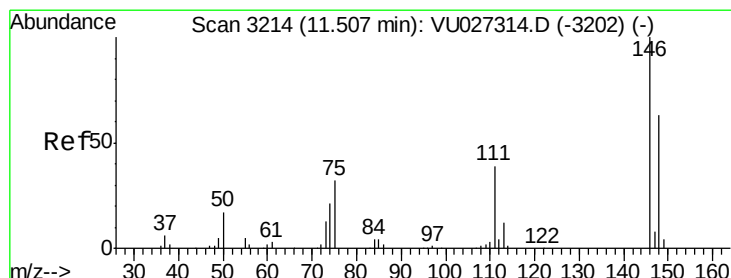
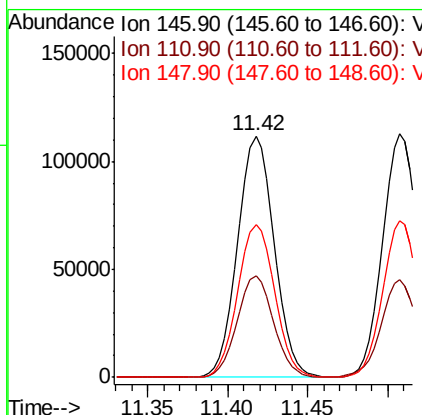
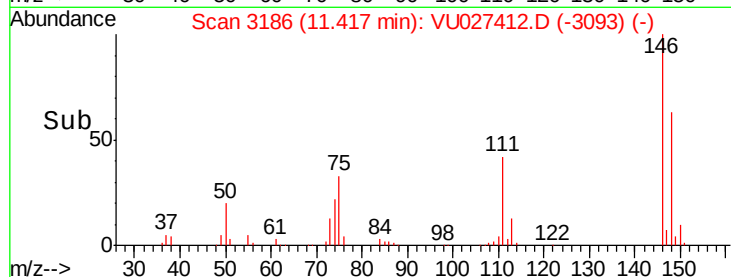
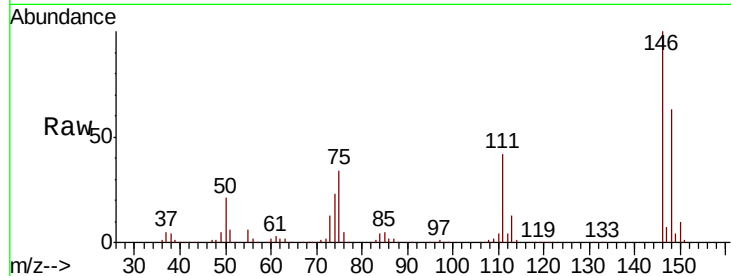




#87
 1,3-Dichlorobenzene
 Concen: 47.614 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. -0.00 min
 Lab File: VU027412.D
 Acq: 04 Oct 2018 16:45

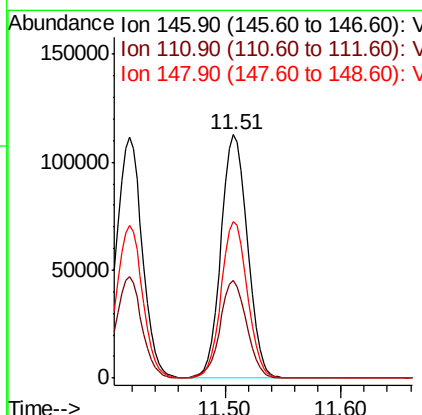
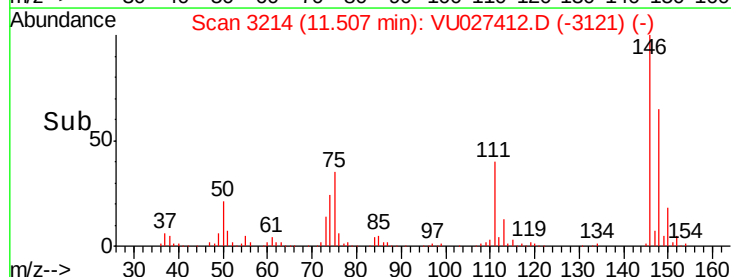
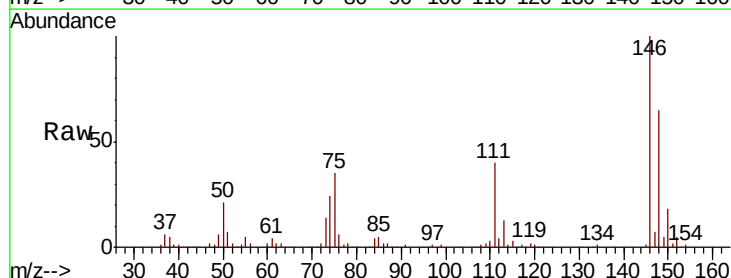
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

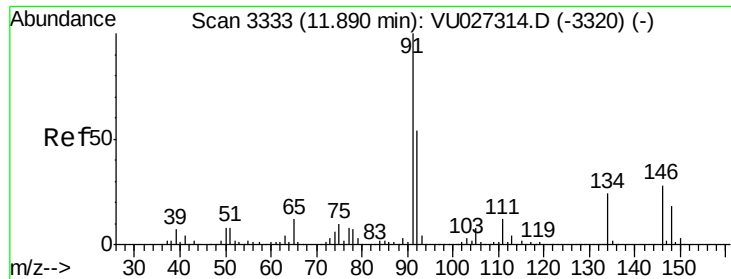
Tgt Ion:146 Resp: 174394
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.8 62.5
 148 63.9 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 47.567 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU027412.D
 Acq: 04 Oct 2018 16:45

Tgt Ion:146 Resp: 178034
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.4 61.2
 148 63.8 31.9 95.5





#89

n-Butylbenzene

Concen: 47.711 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. -0.00 min

Lab File: VU027412.D

Acq: 04 Oct 2018 16:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

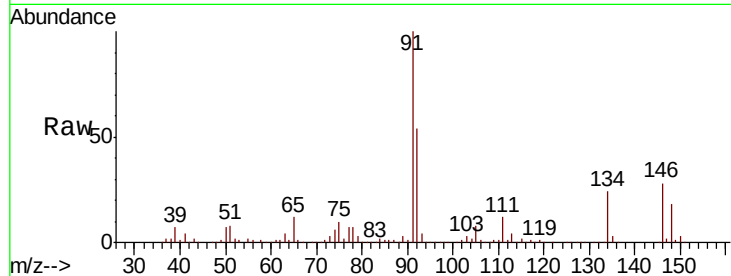
Tgt Ion: 91 Resp: 357101

Ion Ratio Lower Upper

91 100

92 54.4 27.0 81.0

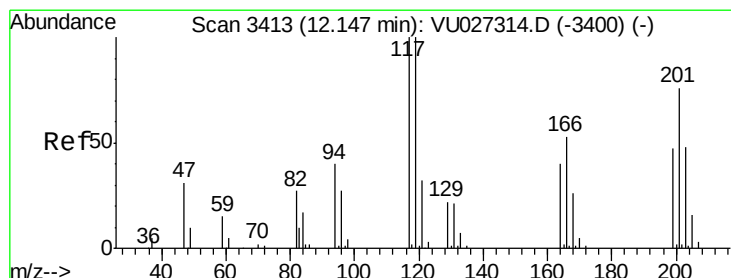
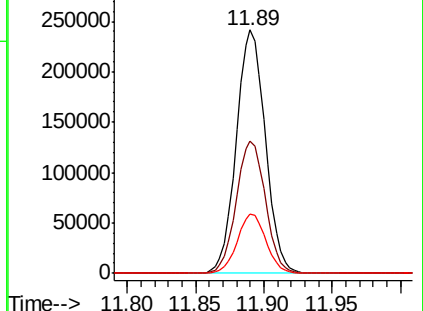
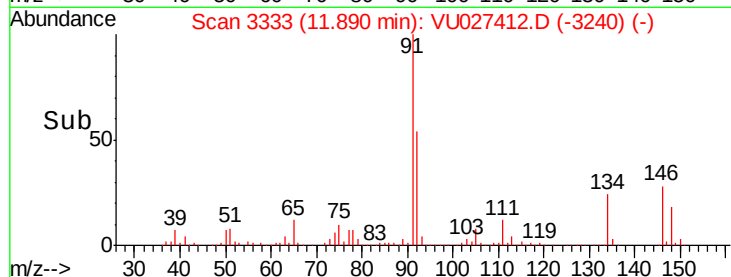
134 23.9 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VU027412.D (-3320) (-)

Ion 92.00 (91.70 to 92.70): VU027412.D (-3320) (-)

Ion 134.00 (133.70 to 134.70): VU027412.D (-3320) (-)



#90

Hexachloroethane

Concen: 44.044 ug/l

RT: 12.15 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VU027412.D

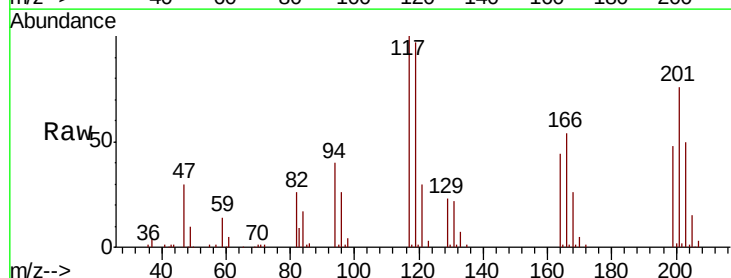
Acq: 04 Oct 2018 16:45

Tgt Ion: 117 Resp: 58670

Ion Ratio Lower Upper

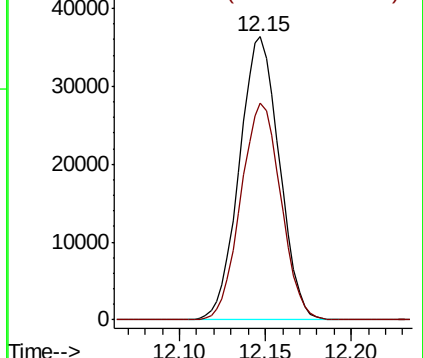
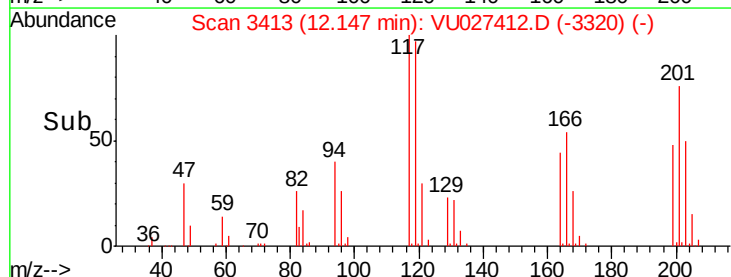
117 100

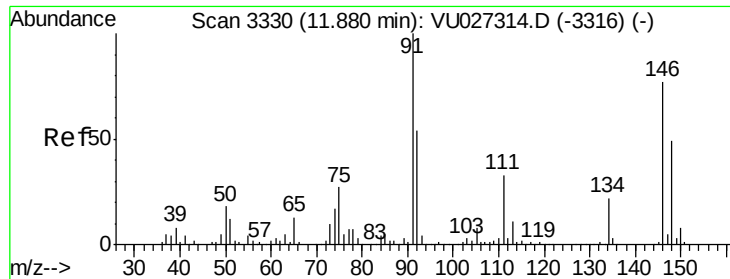
201 76.7 37.9 113.6



Abundance Ion 116.80 (116.50 to 117.50): VU027412.D (-3320) (-)

Ion 200.70 (200.40 to 201.40): VU027412.D (-3320) (-)





#91

1,2-Dichlorobenzene

Concen: 47.764 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VU027412.D

Acq: 04 Oct 2018 16:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

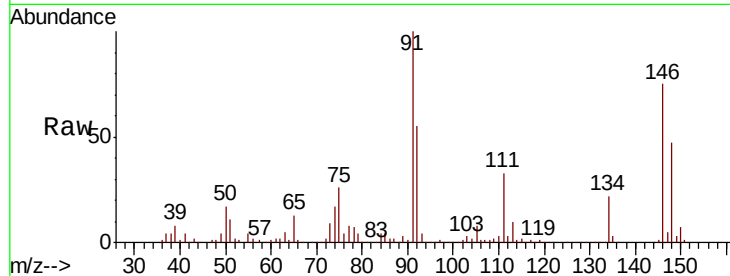
Tgt Ion: 146 Resp: 170287

Ion Ratio Lower Upper

146 100

111 43.2 21.8 65.4

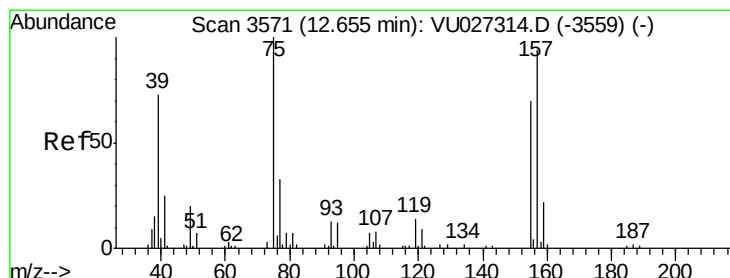
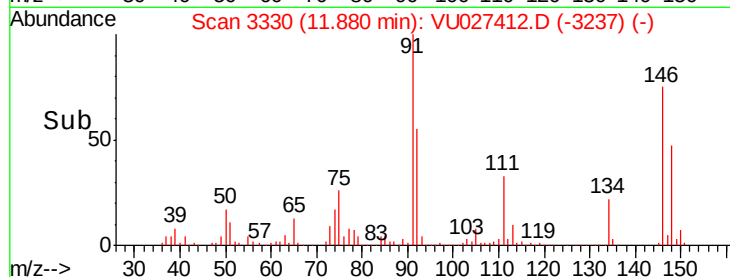
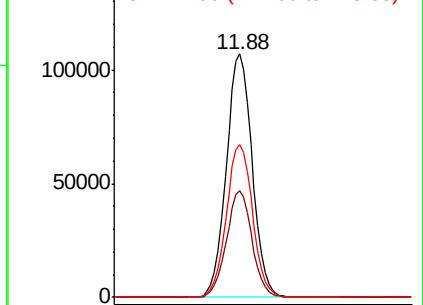
148 63.5 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.705 ug/l

RT: 12.66 min Scan# 3571

Delta R.T. -0.00 min

Lab File: VU027412.D

Acq: 04 Oct 2018 16:45

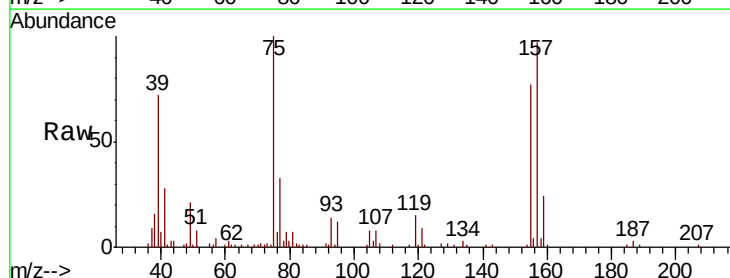
Tgt Ion: 75 Resp: 32379

Ion Ratio Lower Upper

75 100

155 77.6 35.9 107.8

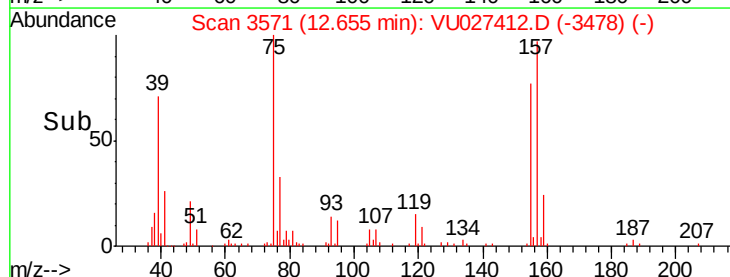
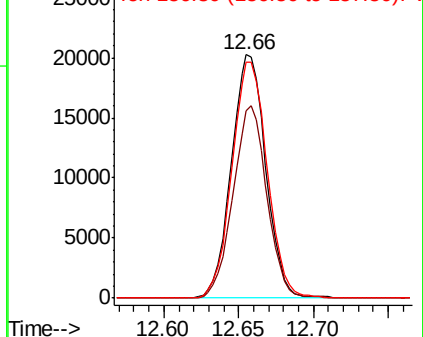
157 99.5 46.9 140.6

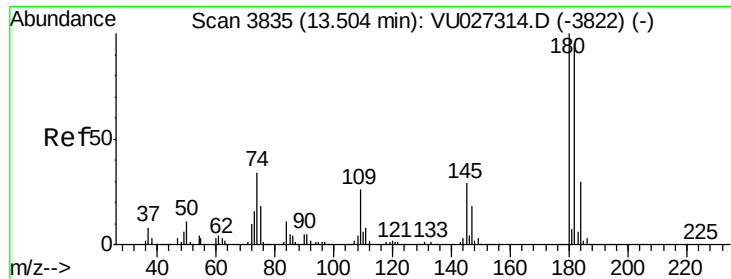


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

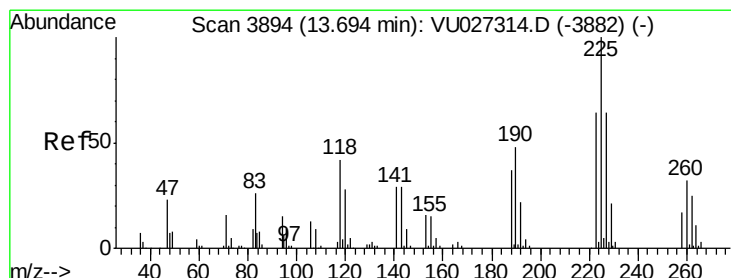
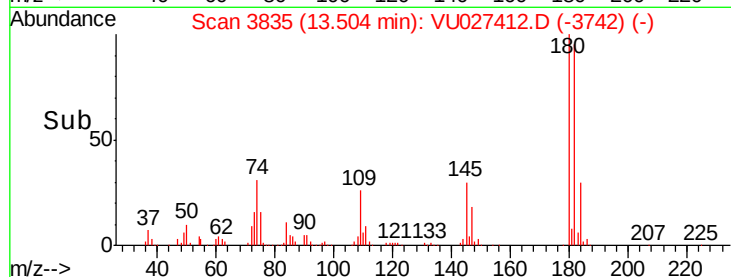
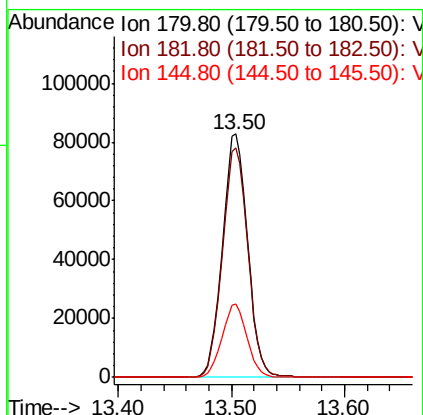
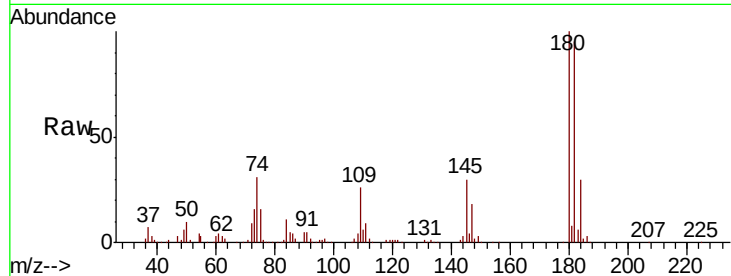




#93
 1,2,4-Trichlorobenzene
 Concen: 55.834 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU027412.D
 Acq: 04 Oct 2018 16:45

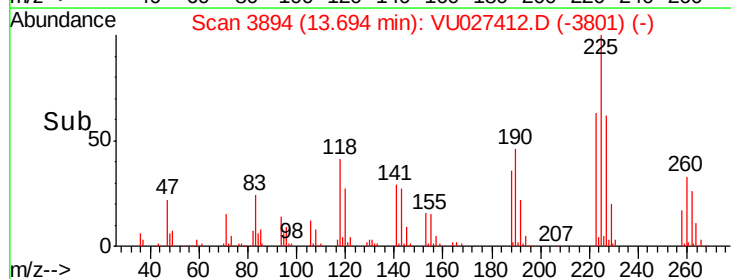
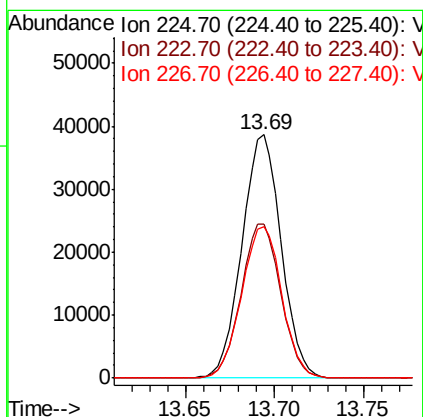
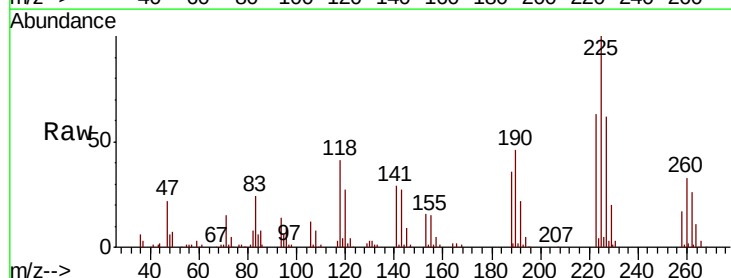
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

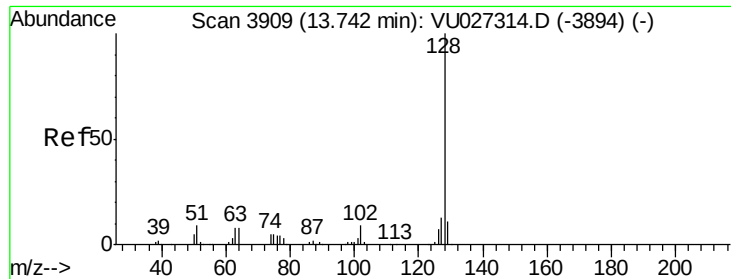
Tgt Ion:180 Resp: 128803
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.4 142.3
 145 29.7 14.6 44.0



#94
 Hexachlorobutadiene
 Concen: 50.910 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. -0.00 min
 Lab File: VU027412.D
 Acq: 04 Oct 2018 16:45

Tgt Ion:225 Resp: 59337
 Ion Ratio Lower Upper
 225 100
 223 64.2 31.8 95.3
 227 63.5 31.9 95.7

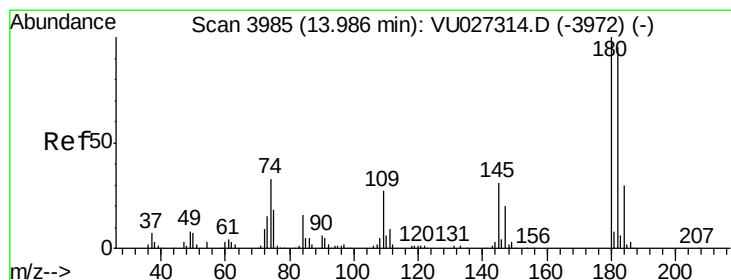
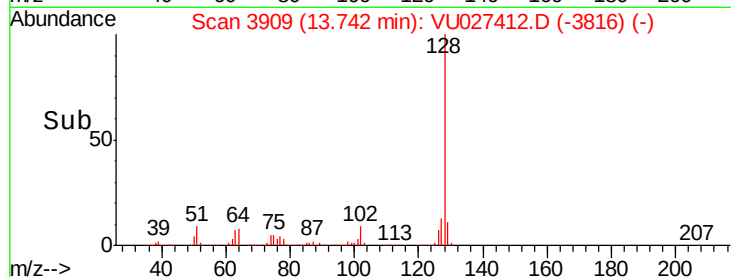
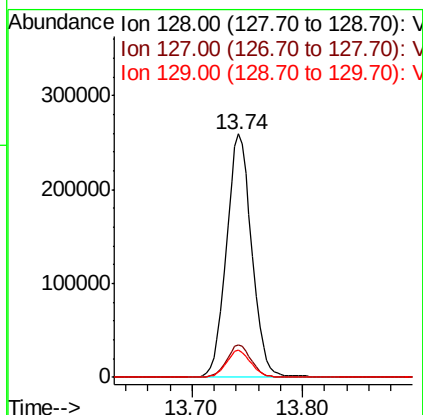
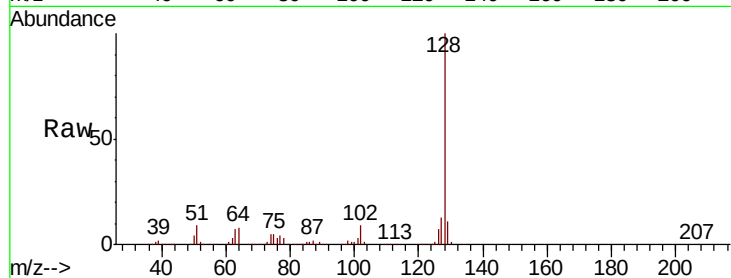




#95
Naphthalene
Concen: 47.586 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. -0.00 min
Lab File: VU027412.D
Acq: 04 Oct 2018 16:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 411557
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 53.556 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. -0.00 min
Lab File: VU027412.D
Acq: 04 Oct 2018 16:45

Tgt Ion:180 Resp: 128714
Ion Ratio Lower Upper
180 100
182 94.2 47.4 142.2
145 30.8 15.9 47.7

