

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070918\
 Data File : VU025276.D
 Acq On : 09 Jul 2018 16:12
 Operator : MD/SY
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 10 01:19:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 01:16:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	212318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	315889	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	311771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	207711	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	460469	139.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	279.18%	
35) Dibromofluoromethane	4.89	113	387383	145.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	290.74%	
50) Toluene-d8	7.57	98	1339114	146.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	293.50%	
62) 4-Bromofluorobenzene	10.31	95	595074	161.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	323.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	326890	148.770	ug/l	99
3) Chloromethane	1.33	50	330715	133.005	ug/l	100
4) Vinyl Chloride	1.40	62	365596	151.411	ug/l	100
5) Bromomethane	1.61	94	166654	94.477	ug/l	99
6) Chloroethane	1.68	64	228550	135.815	ug/l	99
7) Trichlorofluoromethane	1.88	101	560977	147.828	ug/l	99
8) Diethyl Ether	2.10	74	210774	148.012	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.28	101	360666	153.369	ug/l	99
10) Methyl Iodide	2.41	142	447890	197.073	ug/l	99
11) Tert butyl alcohol	2.84	59	542687	671.217	ug/l	99
12) 1,1-Dichloroethene	2.28	96	330442	153.537	ug/l	94
13) Acrolein	2.19	56	244172	486.316	ug/l	99
14) Allyl chloride	2.59	41	591703	151.598	ug/l	89
15) Acrylonitrile	2.94	53	1098096	742.229	ug/l	99
16) Acetone	2.32	43	1263096	709.109	ug/l	97
17) Carbon Disulfide	2.47	76	969278	145.390	ug/l	99
18) Methyl Acetate	2.62	43	496788	147.096	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	1240209	151.498	ug/l	99
20) Methylene Chloride	2.70	84	381635	130.402	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	361567	147.011	ug/l	100
22) Diisopropyl ether	3.57	45	1184883	148.649	ug/l	95
23) Vinyl Acetate	3.53	43	5394193	771.427	ug/l	99
24) 1,1-Dichloroethane	3.45	63	687013	152.824	ug/l	99
25) 2-Butanone	4.26	43	1715574	750.356	ug/l	100
26) 2,2-Dichloropropane	4.23	77	653896	151.281	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	420267	147.686	ug/l	100
28) Bromochloromethane	4.55	49	235368	108.426	ug/l	99
29) Tetrahydrofuran	4.63	42	996780	726.844	ug/l	99
30) Chloroform	4.68	83	716821	150.569	ug/l	99
31) Cyclohexane	5.00	56	627601	125.653	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	663590	153.805	ug/l	98
36) 1,1-Dichloropropene	5.14	75	536699	152.825	ug/l	98
37) Ethyl Acetate	4.38	43	594110	151.694	ug/l	99
38) Carbon Tetrachloride	5.14	117	605579	160.210	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	682560	155.819	ug/l	98
40) Benzene	5.39	78	1514299	149.627	ug/l	98
41) Methacrylonitrile	4.54	41	329008	151.515	ug/l	98
42) 1,2-Dichloroethane	5.41	62	593946	147.640	ug/l	99
43) Isopropyl Acetate	5.55	43	963576	153.634	ug/l	99
44) Trichloroethene	6.19	130	438091	150.757	ug/l	99
45) 1,2-Dichloropropane	6.44	63	400791	151.200	ug/l	99
46) Dibromomethane	6.56	93	291494	151.108	ug/l	99
47) Bromodichloromethane	6.76	83	575422	160.575	ug/l	98
48) Methyl methacrylate	6.62	41	497489	159.112	ug/l	98
49) 1,4-Dioxane	6.62	88	234637	3118.728	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	3249187	797.064	ug/l	100
52) Toluene	7.64	92	1007862	156.532	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	669773	170.112	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	684916	163.449	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	414943	154.739	ug/l	100
56) Ethyl methacrylate	8.02	69	690074	164.764	ug/l	97
57) 1,3-Dichloropropane	8.25	76	701850	157.661	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	879208	594.881	ug/l	99
59) 2-Hexanone	8.37	43	2687255	812.711	ug/l	97
60) Dibromochloromethane	8.48	129	506223	174.801	ug/l	100
61) 1,2-Dibromoethane	8.59	107	458064	159.644	ug/l	99
64) Tetrachloroethene	8.23	164	413842	145.619	ug/l	98
65) Chlorobenzene	9.12	112	1182521	151.832	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	444972	159.718	ug/l	99
67) Ethyl Benzene	9.25	91	2048175	154.254	ug/l	100
68) m/p-Xylenes	9.38	106	1618312	315.252	ug/l	99
69) o-Xylene	9.78	106	793935	154.481	ug/l	98
70) Styrene	9.80	104	1345129	164.772	ug/l	98
71) Bromoform	9.96	173	443294	183.984	ug/l #	99
73) Isopropylbenzene	10.17	105	2171791	136.846	ug/l	100
74) N-amyl acetate	10.02	43	988232	143.441	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	741322	142.778	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	905558	193.272	ug/l	84
77) Bromobenzene	10.45	156	585131	144.116	ug/l	98
78) n-propylbenzene	10.59	91	2563517	145.566	ug/l	99
79) 2-Chlorotoluene	10.66	91	1508387	136.862	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	1928659	144.425	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	905558	530.583	ug/l #	100
82) 4-Chlorotoluene	10.78	91	1802637	144.559	ug/l	100
83) tert-Butylbenzene	11.10	119	1936379	143.494	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	1987252	145.201	ug/l	99
85) sec-Butylbenzene	11.33	105	2345429	147.613	ug/l	100
86) p-Isopropyltoluene	11.48	119	2143469	152.355	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	1098136	147.995	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	1109586	145.593	ug/l	99
89) n-Butylbenzene	11.89	91	1902570	164.507	ug/l	100
90) Hexachloroethane	12.15	117	385994	162.030	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	1097873	146.505	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	190586	151.343	ug/l	98

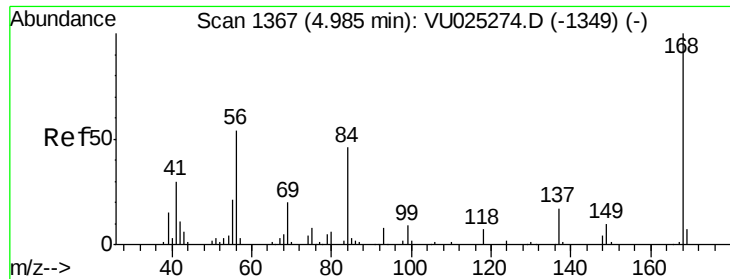
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070918\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	788036	160.502	ug/l	99
94) Hexachlorobutadiene	13.70	225	410863	153.299	ug/l	100
95) Naphthalene	13.74	128	2346290	138.904	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	786112	148.471	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

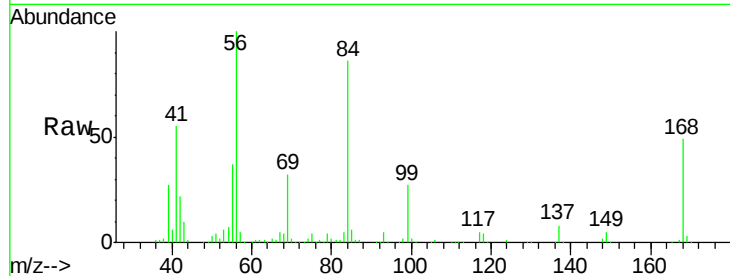
VSTDIC150

Tgt Ion: 168 Resp: 212318

Ion Ratio Lower Upper

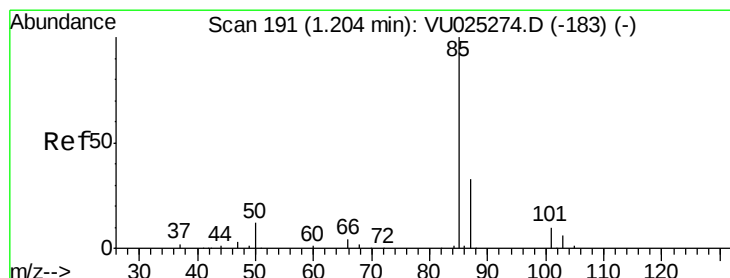
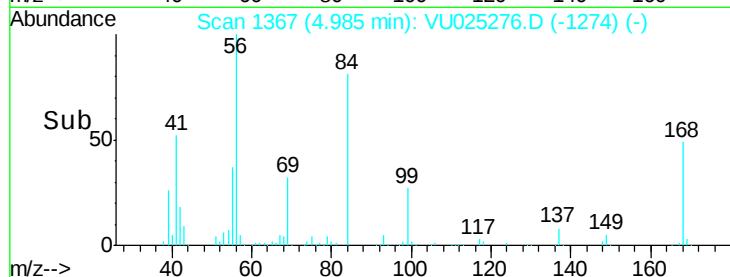
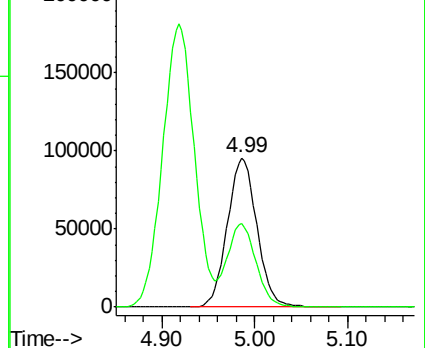
168 100

99 55.7 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#2

Dichlorodifluoromethane

Concen: 148.770 ug/l

RT: 1.20 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU025276.D

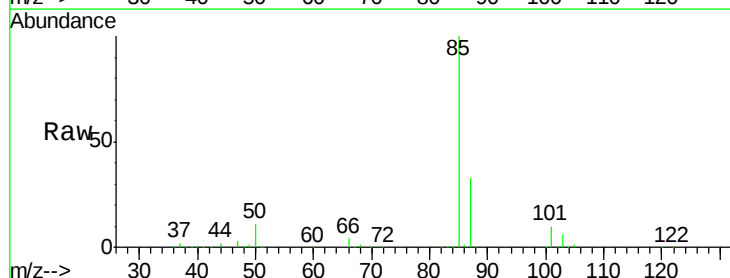
Acq: 09 Jul 2018 16:12

Tgt Ion: 85 Resp: 326890

Ion Ratio Lower Upper

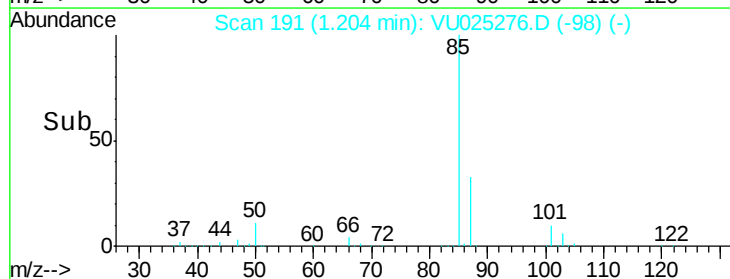
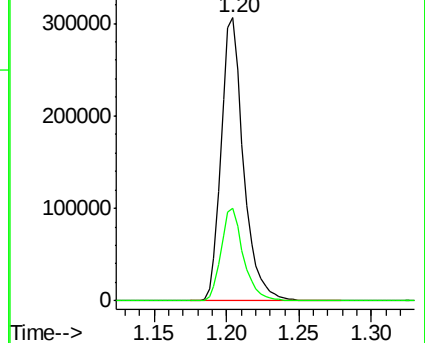
85 100

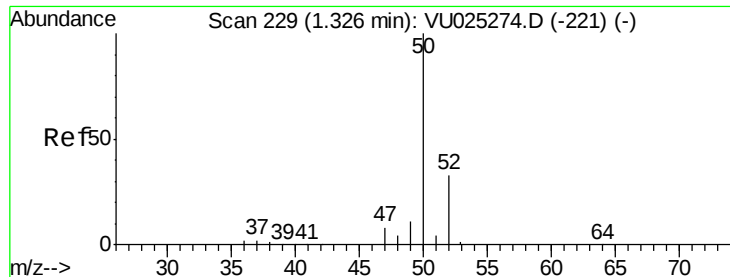
87 32.6 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU0

Ion 86.90 (86.60 to 87.60): VU0





#3

Chloromethane

Concen: 133.005 ug/l

RT: 1.33 min Scan# 229

Delta R.T. 0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

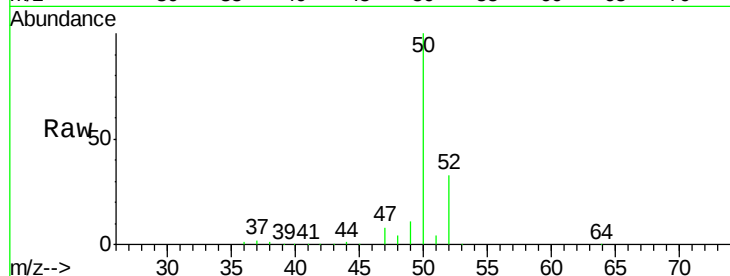
VSTDIC150

Tgt Ion: 50 Resp: 330715

Ion Ratio Lower Upper

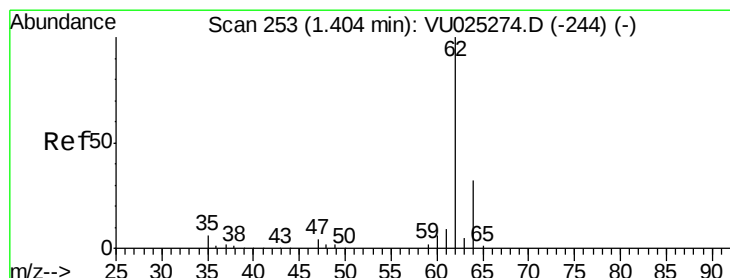
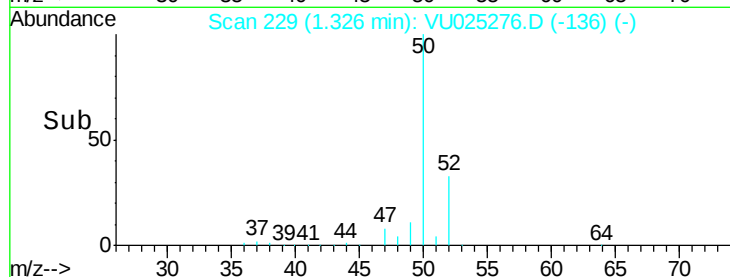
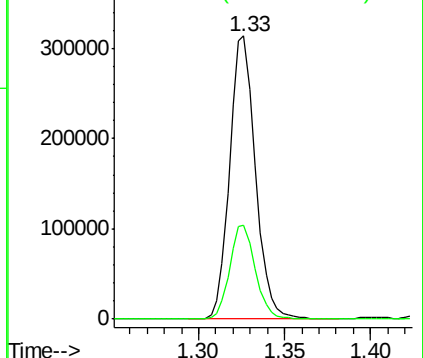
50 100

52 33.2 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 151.411 ug/l

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU025276.D

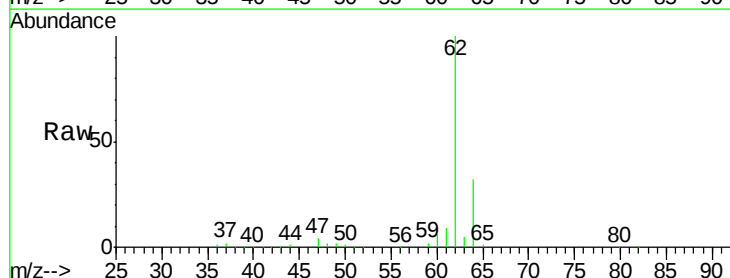
Acq: 09 Jul 2018 16:12

Tgt Ion: 62 Resp: 365596

Ion Ratio Lower Upper

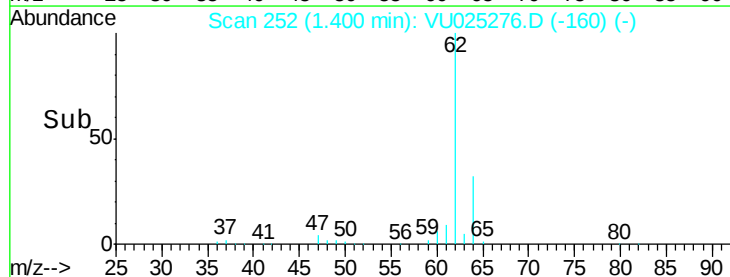
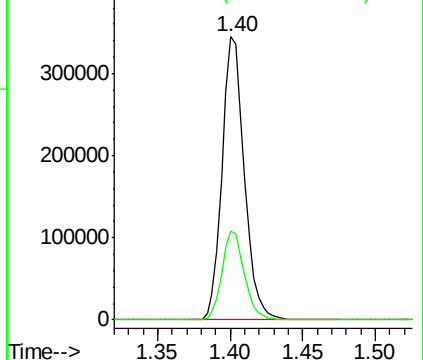
62 100

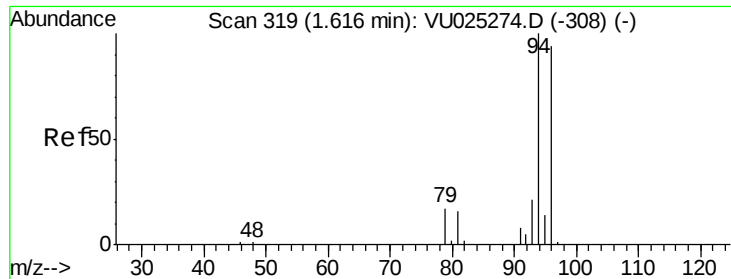
64 31.6 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 94.477 ug/l

RT: 1.61 min Scan# 316

Delta R.T. -0.01 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

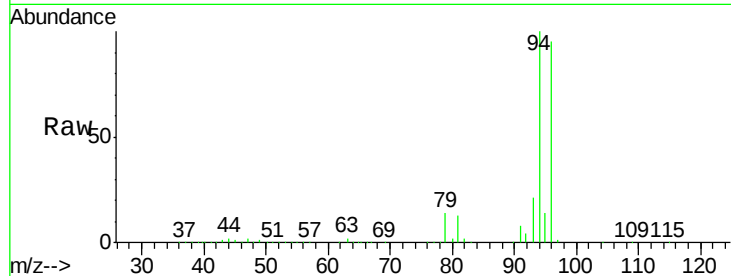
VSTDIC150

Tgt Ion: 94 Resp: 166654

Ion Ratio Lower Upper

94 100

96 94.6 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

1.61

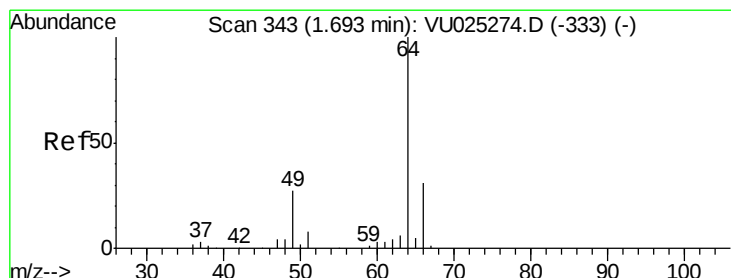
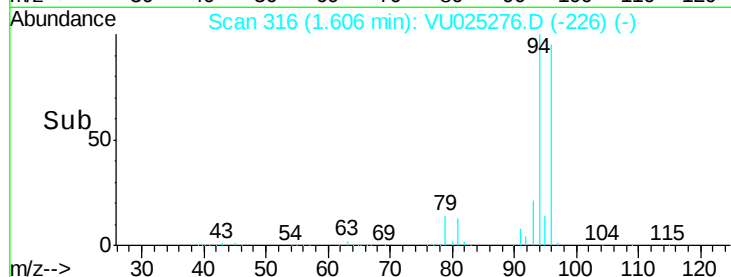
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 135.815 ug/l

RT: 1.68 min Scan# 338

Delta R.T. -0.02 min

Lab File: VU025276.D

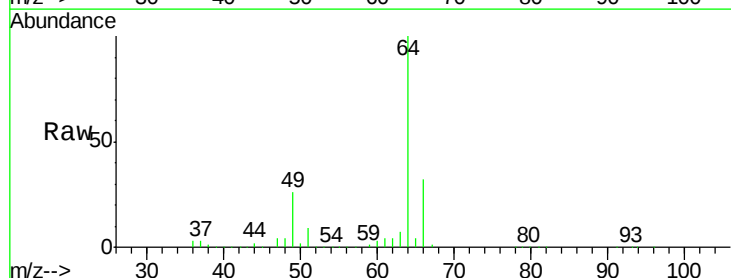
Acq: 09 Jul 2018 16:12

Tgt Ion: 64 Resp: 228550

Ion Ratio Lower Upper

64 100

66 31.7 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

1.68

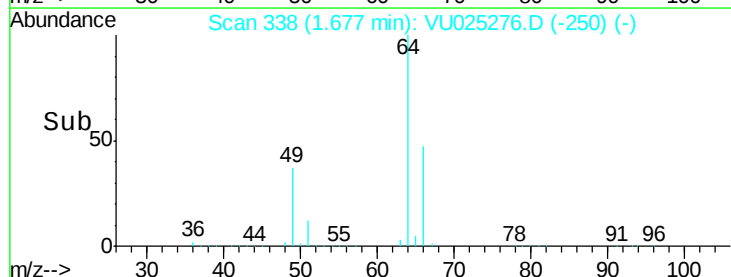
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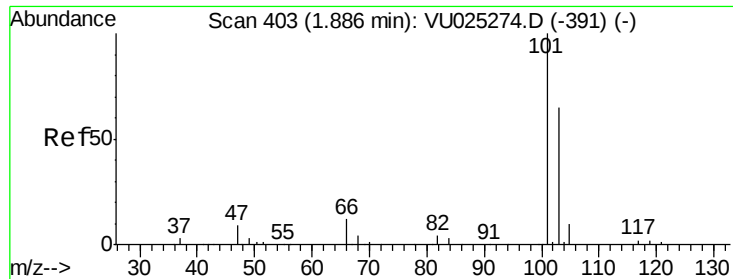
100000

50000

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Time-->



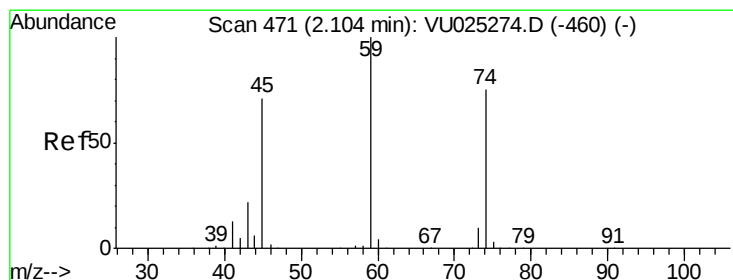
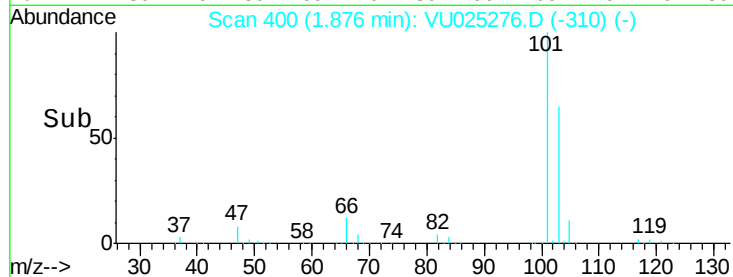
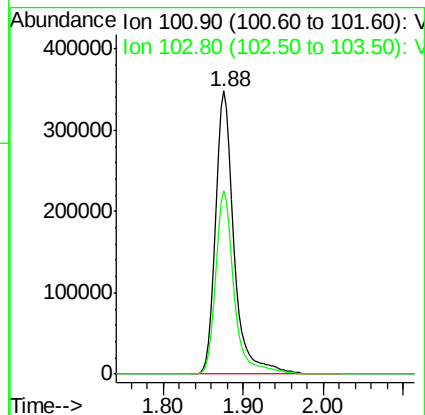
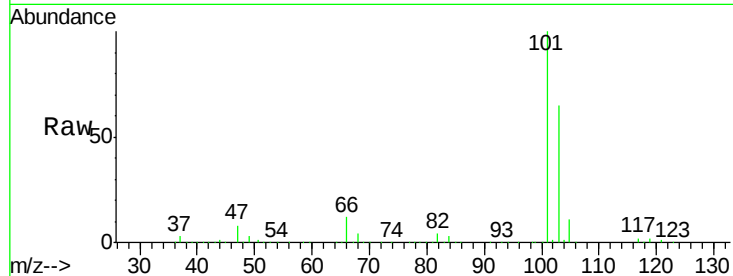


#7

Trichlorofluoromethane
 Concen: 147.828 ug/l
 RT: 1.88 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: VU025276.D
 Acq: 09 Jul 2018 16:12

Instrument :
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 VSTDIC150

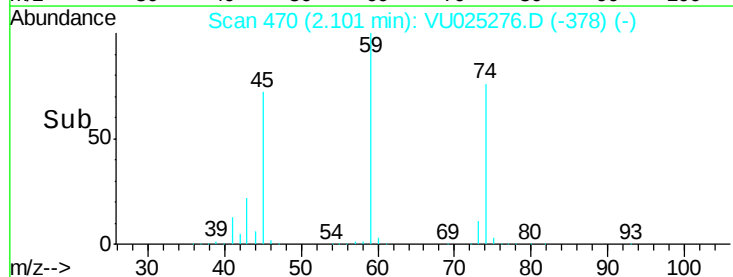
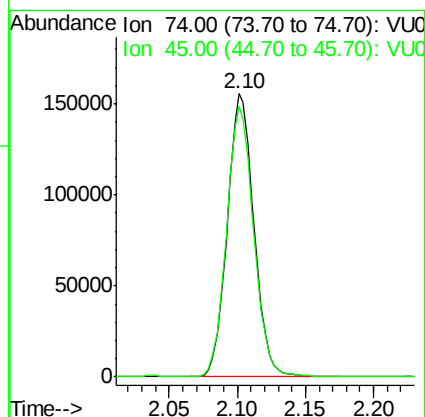
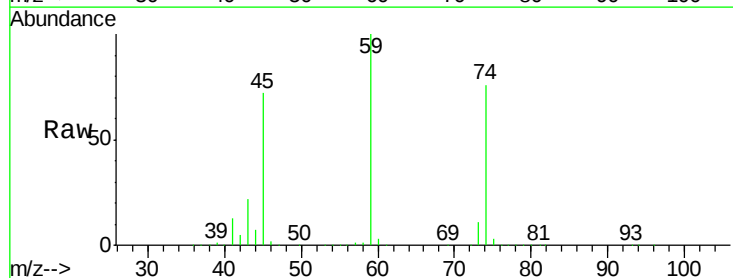
Tgt Ion:101 Resp: 560977
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.2 78.2

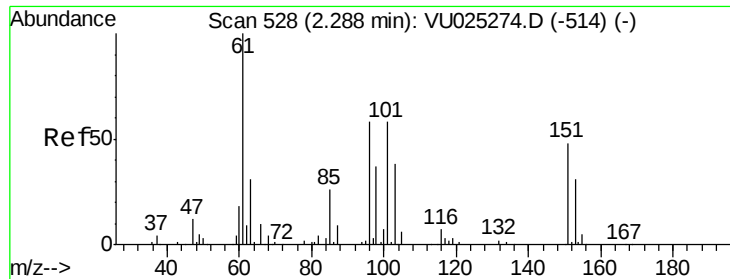


#8

Diethyl Ether
 Concen: 148.012 ug/l
 RT: 2.10 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: VU025276.D
 Acq: 09 Jul 2018 16:12

Tgt Ion: 74 Resp: 210774
 Ion Ratio Lower Upper
 74 100
 45 97.0 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 153.369 ug/l

RT: 2.28 min Scan# 526

Delta R.T. -0.01 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

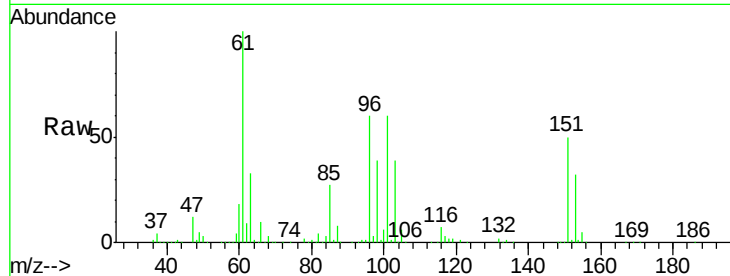
Tgt Ion:101 Resp: 360666

Ion Ratio Lower Upper

101 100

85 44.4 36.0 54.0

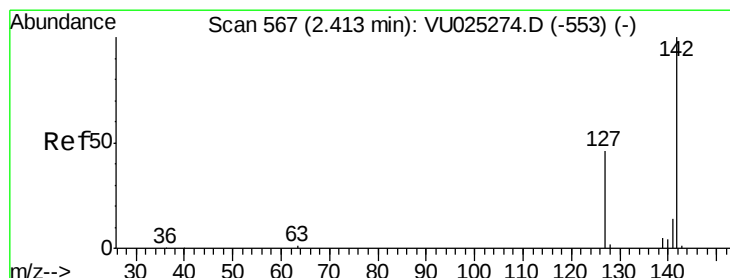
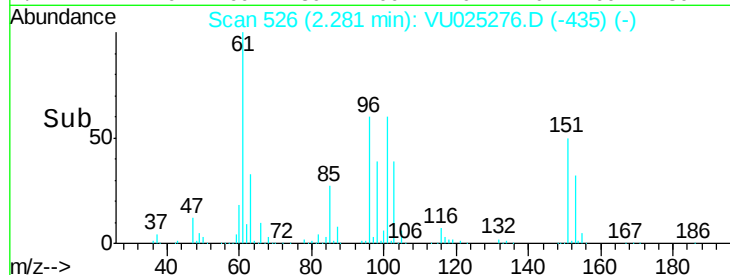
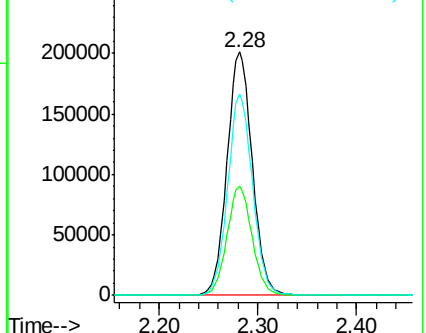
151 81.6 65.6 98.4



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: 197.073 ug/l

RT: 2.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

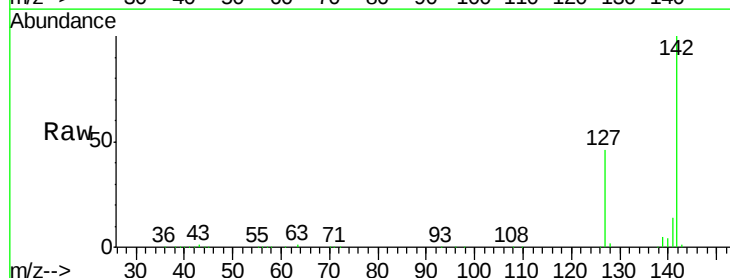
Tgt Ion:142 Resp: 447890

Ion Ratio Lower Upper

142 100

127 46.4 36.5 54.7

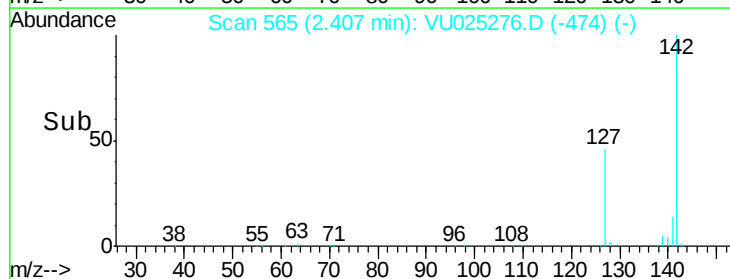
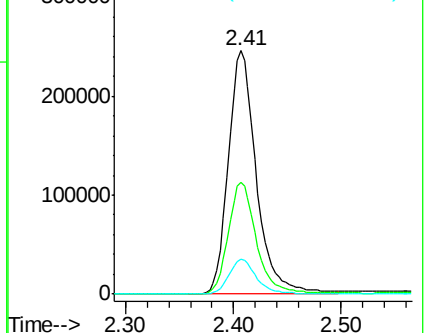
141 14.2 11.4 17.2

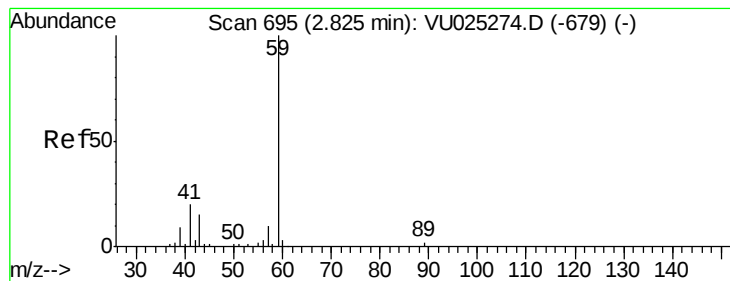


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



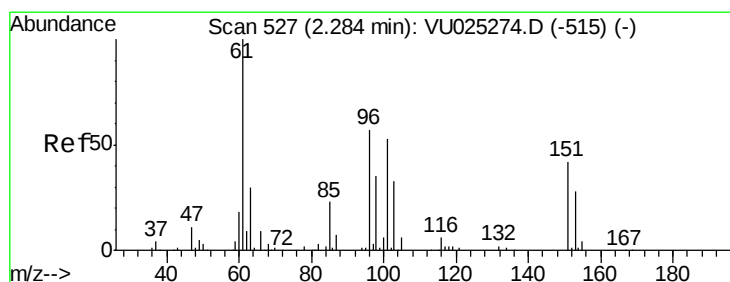
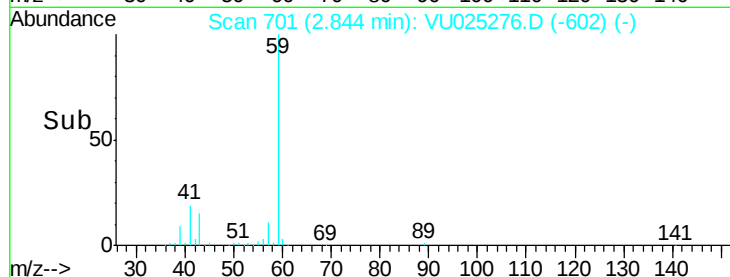
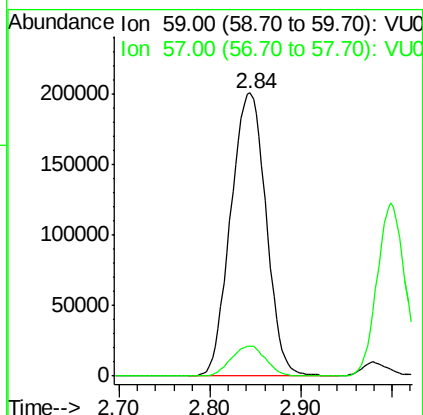
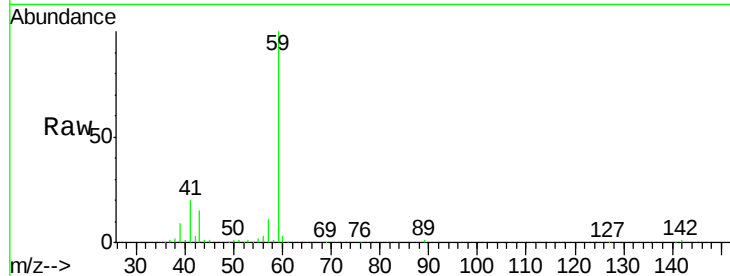


#11

Tert butyl alcohol
 Concen: 671.217 ug/l
 RT: 2.84 min Scan# 701
 Delta R.T. 0.02 min
 Lab File: VU025276.D
 Acq: 09 Jul 2018 16:12

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

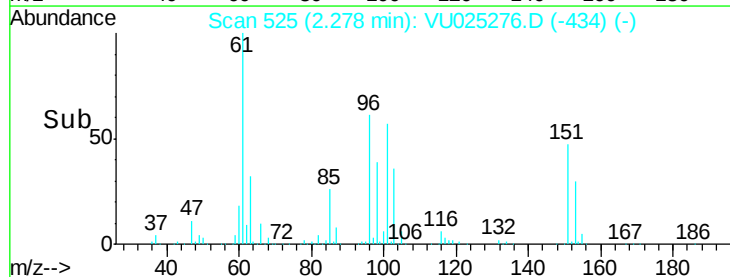
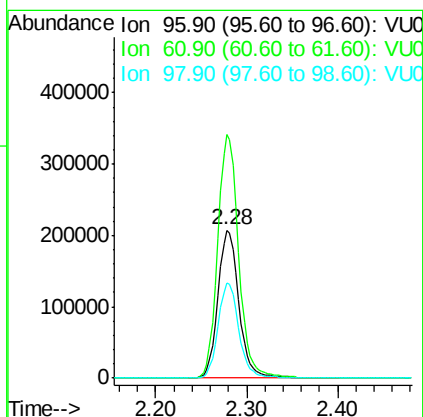
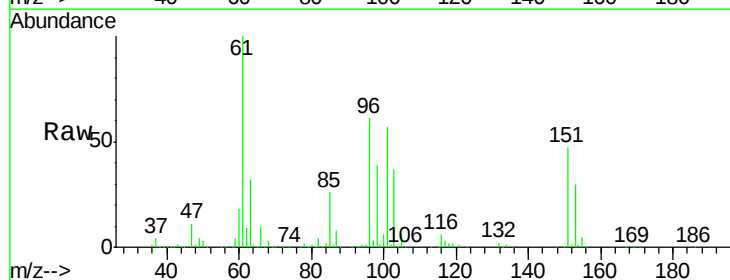
Tgt Ion: 59 Resp: 542687
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.2

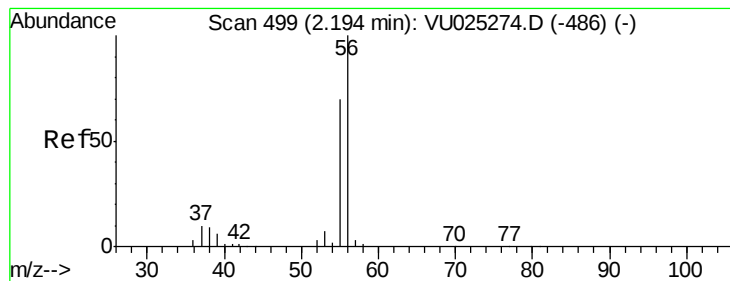


#12

1,1-Dichloroethene
 Concen: 153.537 ug/l
 RT: 2.28 min Scan# 525
 Delta R.T. -0.01 min
 Lab File: VU025276.D
 Acq: 09 Jul 2018 16:12

Tgt Ion: 96 Resp: 330442
 Ion Ratio Lower Upper
 96 100
 61 165.1 140.2 210.4
 98 64.6 49.3 73.9





#13

Acrolein

Concen: 486.316 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

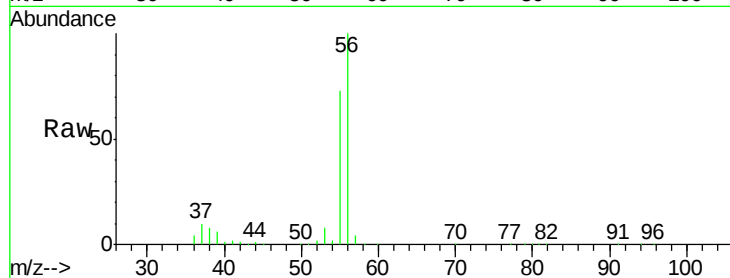
VSTDIC150

Tgt Ion: 56 Resp: 244172

Ion Ratio Lower Upper

56 100

55 72.6 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

2.19

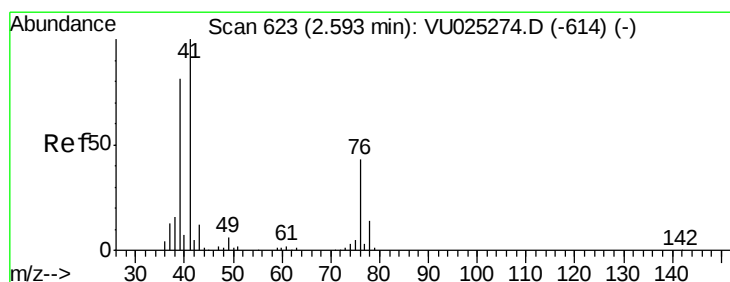
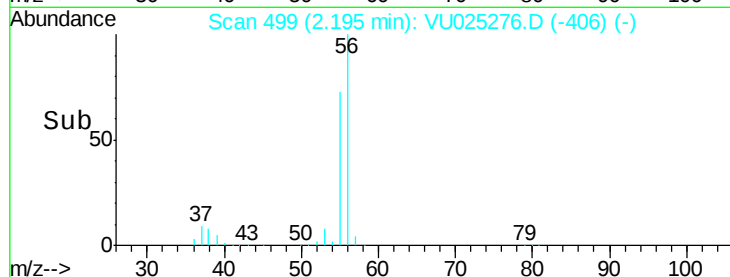
150000

100000

50000

0

Time--> 2.10 2.15 2.20 2.25 2.30



#14

Allyl chloride

Concen: 151.598 ug/l

RT: 2.59 min Scan# 622

Delta R.T. -0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

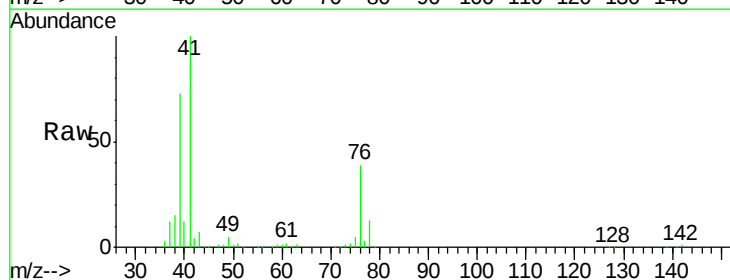
Tgt Ion: 41 Resp: 591703

Ion Ratio Lower Upper

41 100

39 65.5 60.6 91.0

76 33.5 30.5 45.7



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0

2.59

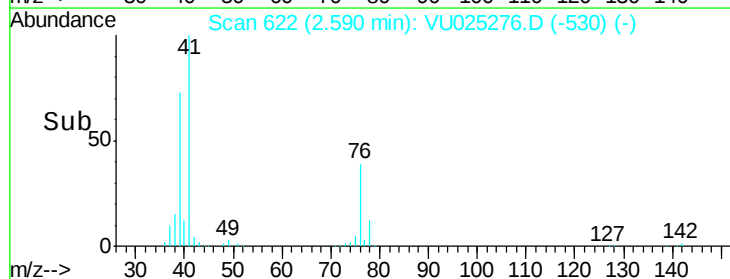
600000

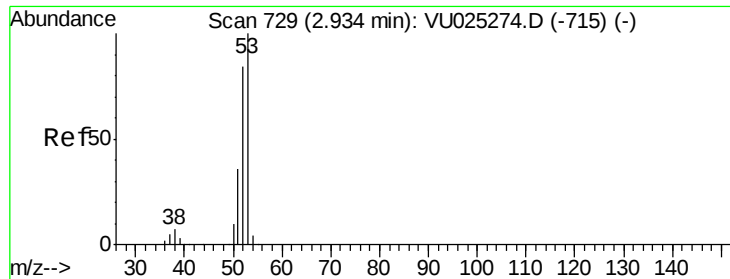
400000

200000

0

Time--> 2.50 2.60 2.70





#15

Acrylonitrile

Concen: 742.229 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

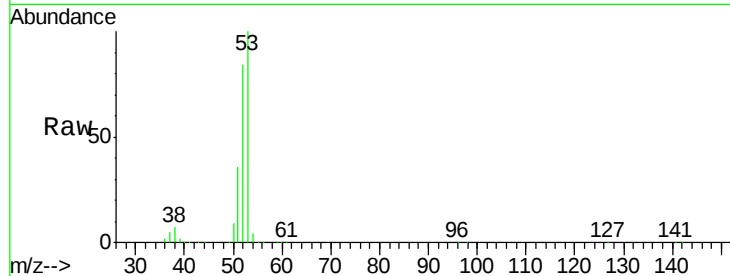
Tgt Ion: 53 Resp: 1098096

Ion Ratio Lower Upper

53 100

52 83.7 66.6 99.8

51 35.5 29.4 44.2

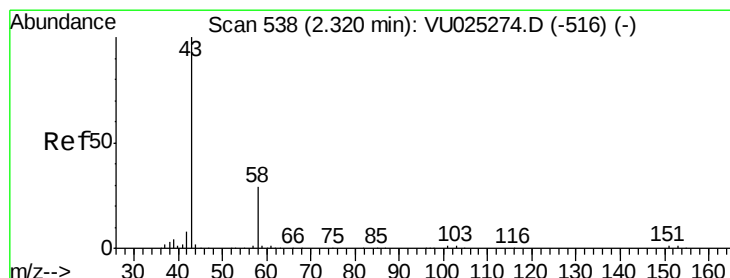
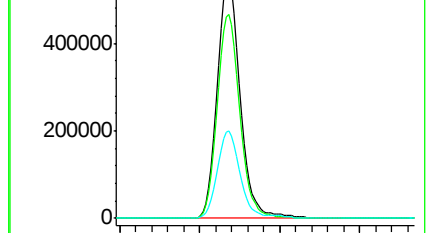
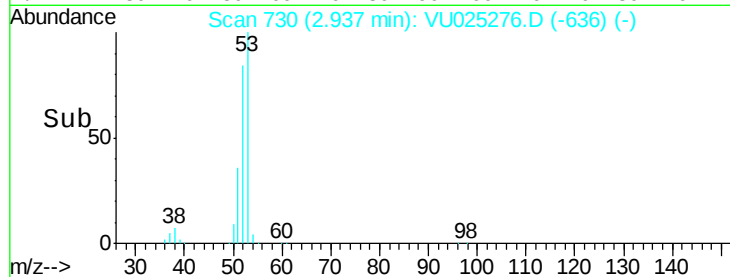


Abundance Ion 53.00 (52.70 to 53.70): VU025276.D (-636) (-)

Ion 52.00 (51.70 to 52.70): VU025276.D (-636) (-)

Ion 51.00 (50.70 to 51.70): VU025276.D (-636) (-)

Time-->



#16

Acetone

Concen: 709.109 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025276.D

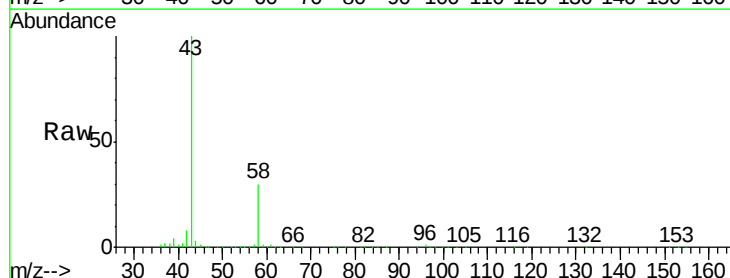
Acq: 09 Jul 2018 16:12

Tgt Ion: 43 Resp: 1263096

Ion Ratio Lower Upper

43 100

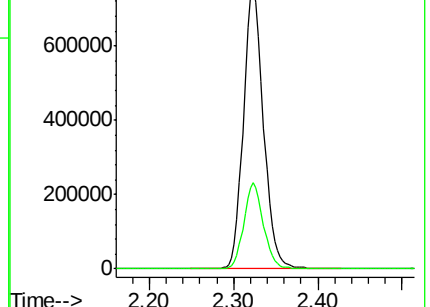
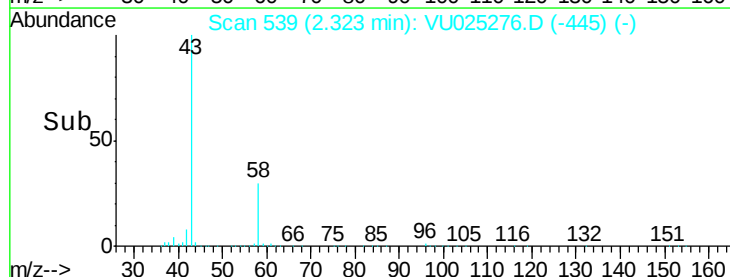
58 30.2 23.1 34.7

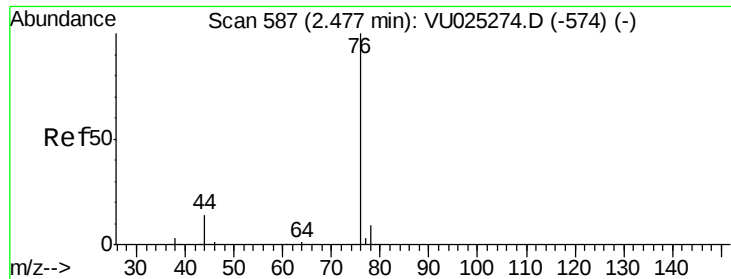


Abundance Ion 43.00 (42.70 to 43.70): VU025276.D (-445) (-)

Ion 58.00 (57.70 to 58.70): VU025276.D (-445) (-)

Time-->

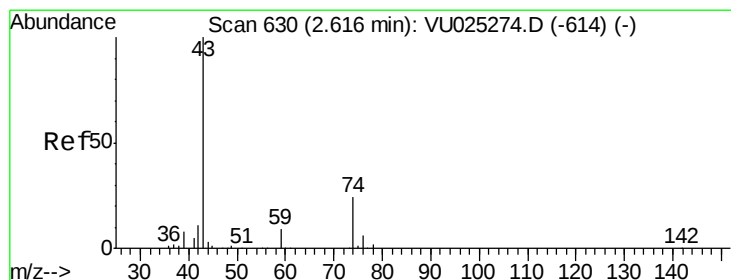
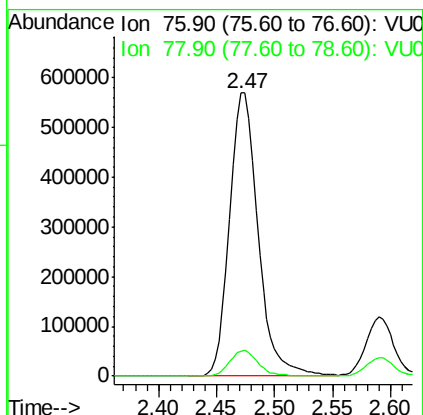
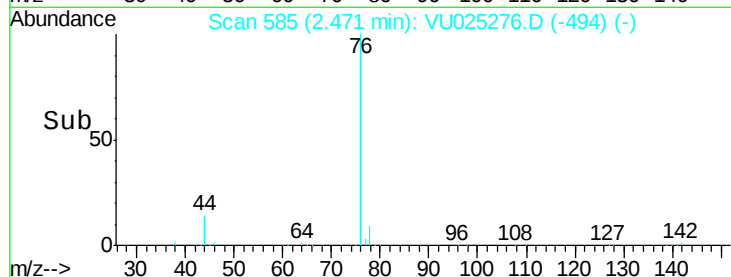
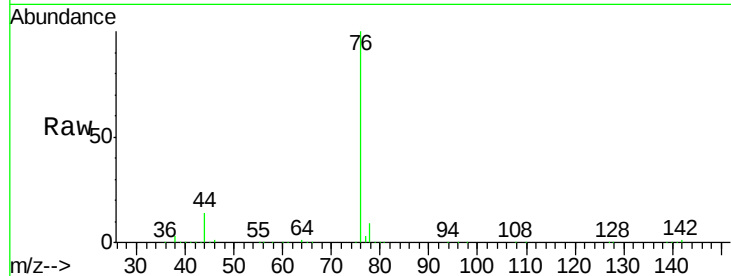




#17
Carbon Disulfide
Concen: 145.390 ug/l
RT: 2.47 min Scan# 585
Delta R.T. -0.01 min
Lab File: VU025276.D
Acq: 09 Jul 2018 16:12

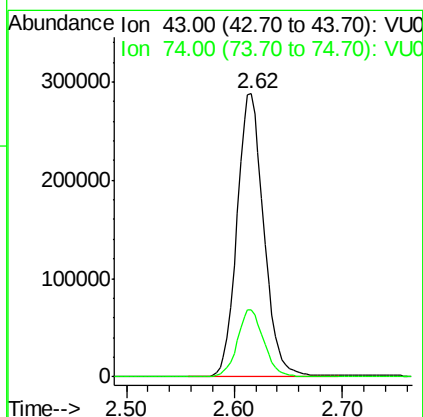
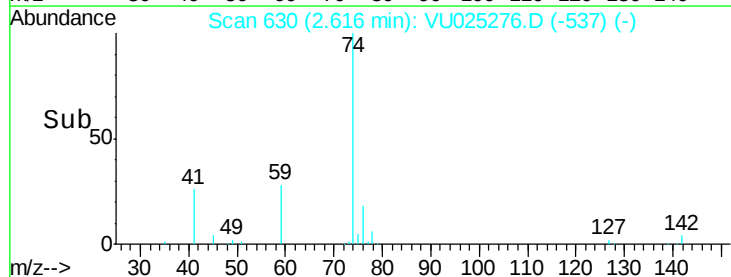
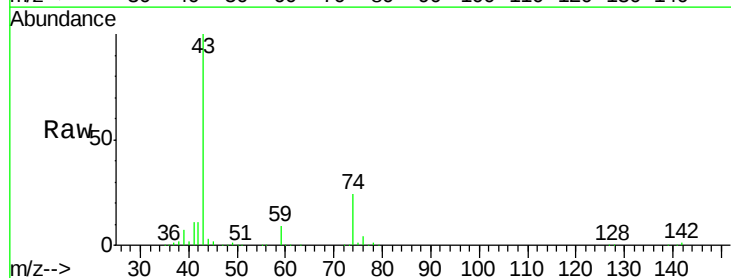
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

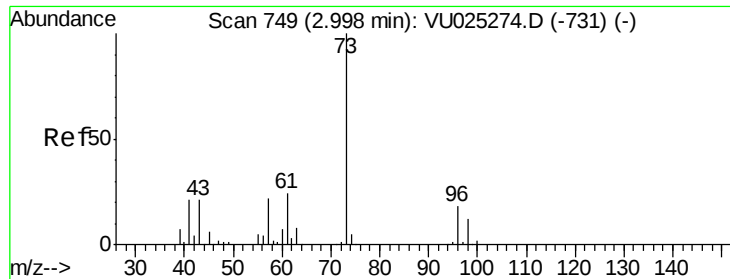
Tgt Ion: 76 Resp: 969278
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 147.096 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU025276.D
Acq: 09 Jul 2018 16:12

Tgt Ion: 43 Resp: 496788
Ion Ratio Lower Upper
43 100
74 23.5 18.5 27.7



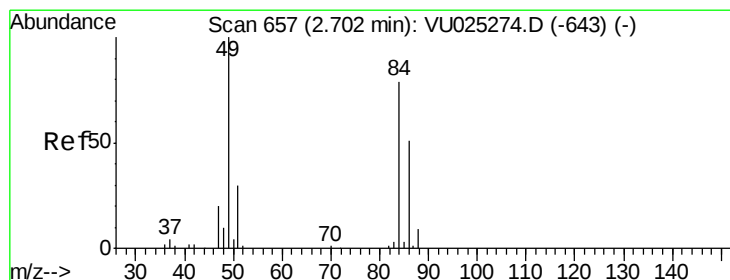
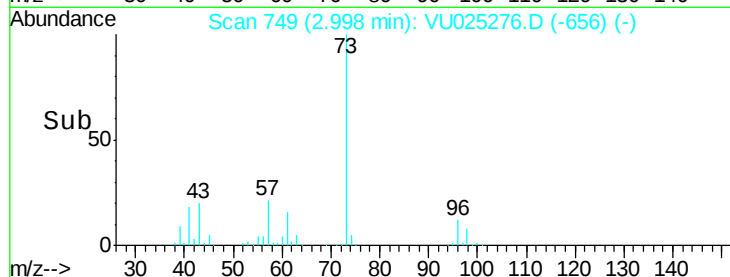
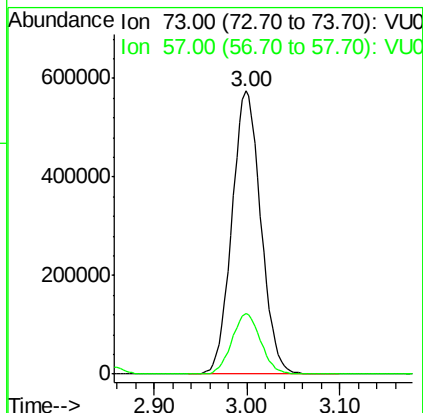
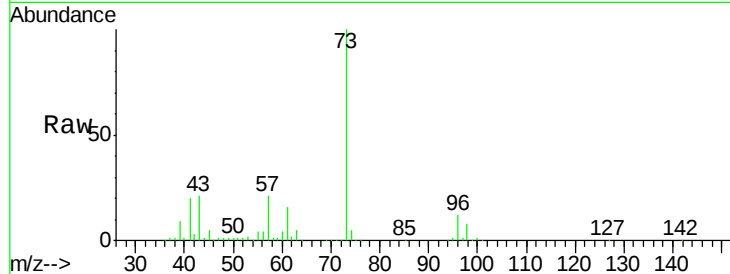


#19

Methyl tert-butyl Ether
 Concen: 151.498 ug/l
 RT: 3.00 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: VU025276.D
 Acq: 09 Jul 2018 16:12

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

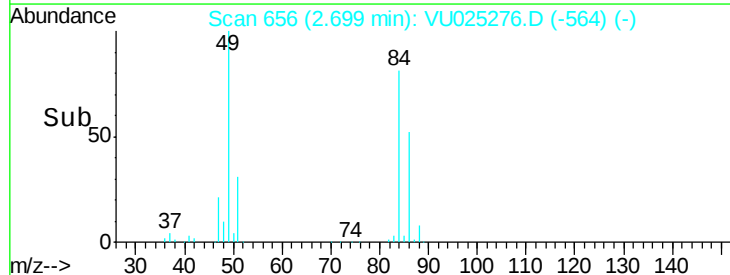
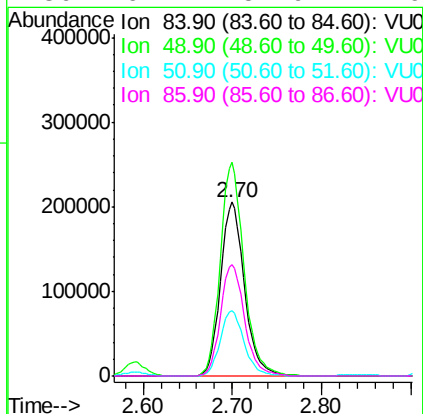
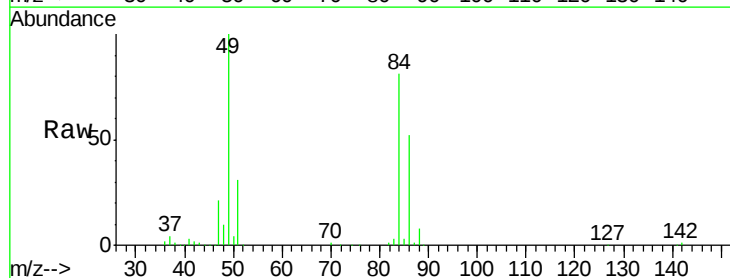
Tgt Ion: 73 Resp: 1240209
 Ion Ratio Lower Upper
 73 100
 57 21.3 17.4 26.2

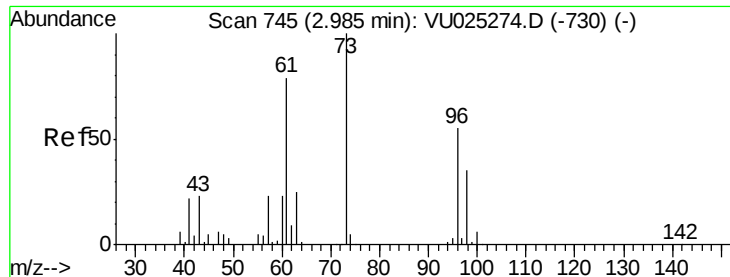


#20

Methylene Chloride
 Concen: 130.402 ug/l
 RT: 2.70 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: VU025276.D
 Acq: 09 Jul 2018 16:12

Tgt Ion: 84 Resp: 381635
 Ion Ratio Lower Upper
 84 100
 49 122.8 101.8 152.6
 51 37.7 30.8 46.2
 86 64.4 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 147.011 ug/l

RT: 2.98 min Scan# 743

Delta R.T. -0.01 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

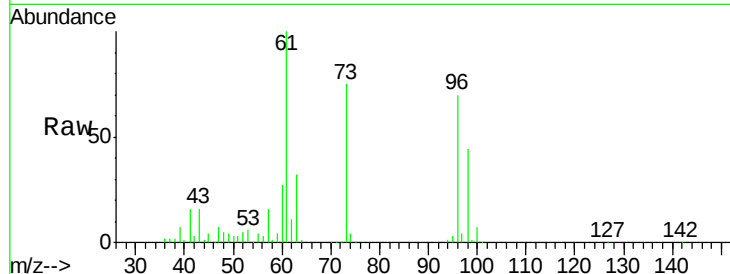
Tgt Ion: 96 Resp: 361567

Ion Ratio Lower Upper

96 100

61 142.6 114.5 171.7

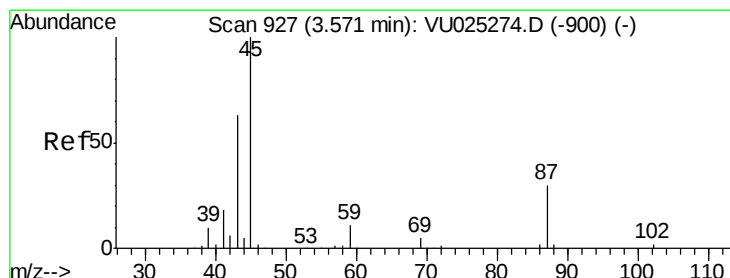
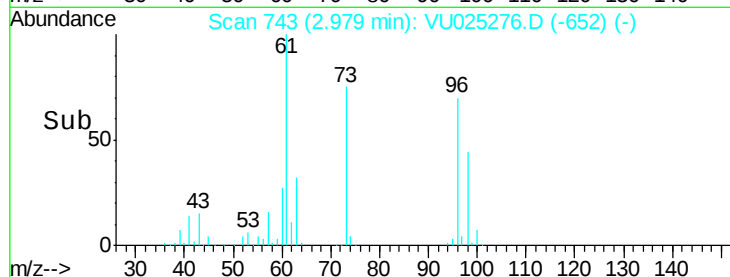
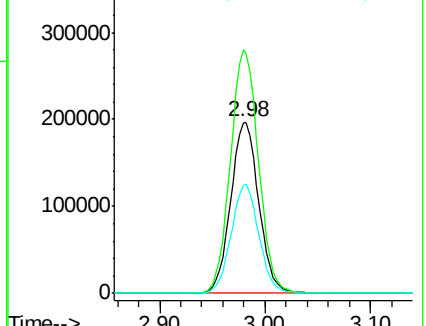
98 63.2 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VU025276.D (-652) (-)

Ion 60.90 (60.60 to 61.60): VU025276.D (-652) (-)

Ion 97.90 (97.60 to 98.60): VU025276.D (-652) (-)



#22

Diisopropyl ether

Concen: 148.649 ug/l

RT: 3.57 min Scan# 927

Delta R.T. 0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

Tgt Ion: 45 Resp: 1184883

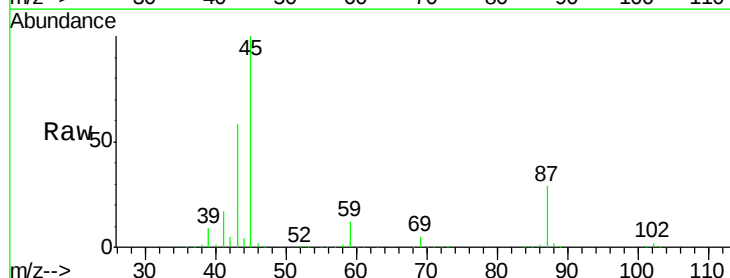
Ion Ratio Lower Upper

45 100

43 58.0 50.9 76.3

87 28.7 23.8 35.8

59 11.6 9.0 13.4

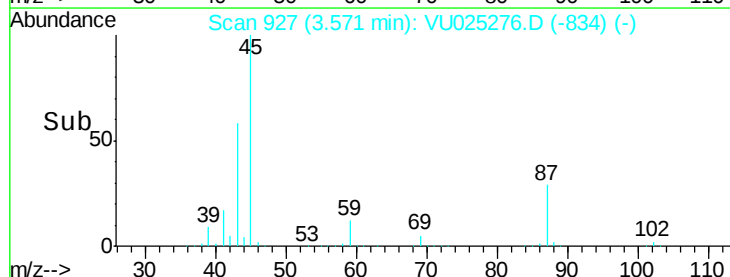
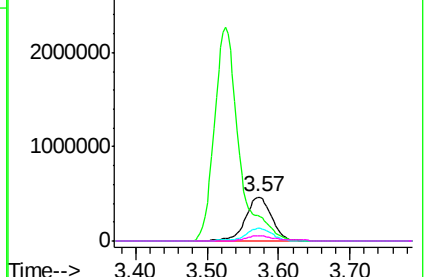


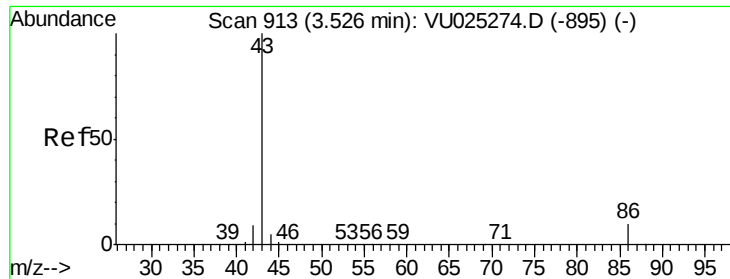
Abundance Ion 45.00 (44.70 to 45.70): VU025276.D (-834) (-)

Ion 43.00 (42.70 to 43.70): VU025276.D (-834) (-)

Ion 87.00 (86.70 to 87.70): VU025276.D (-834) (-)

Ion 59.00 (58.70 to 59.70): VU025276.D (-834) (-)

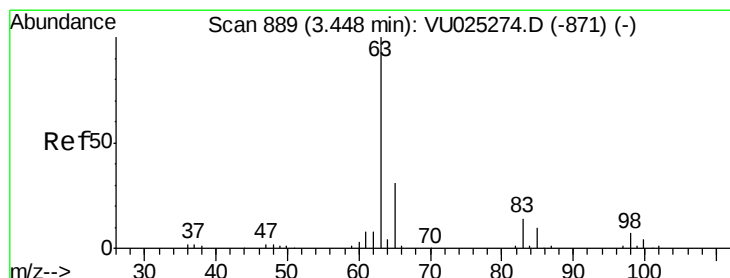
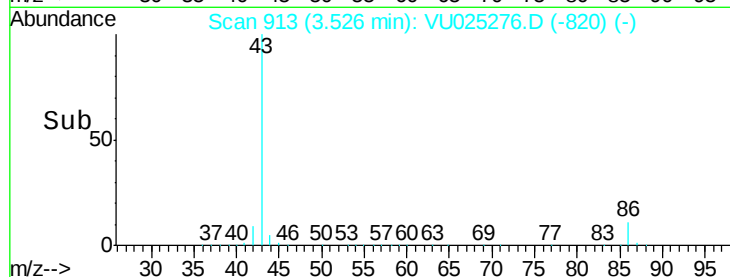
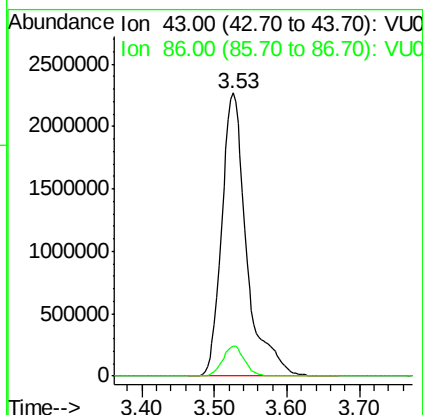
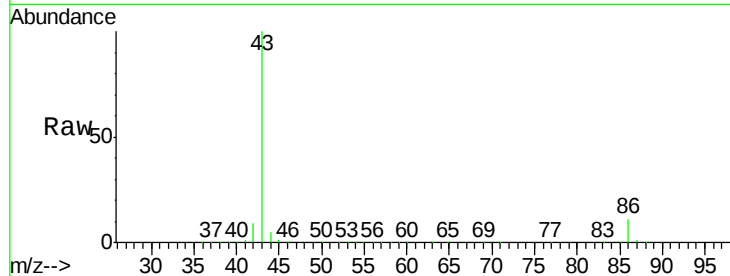




#23
 Vinyl Acetate
 Concen: 771.427 ug/l
 RT: 3.53 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: VU025276.D
 Acq: 09 Jul 2018 16:12

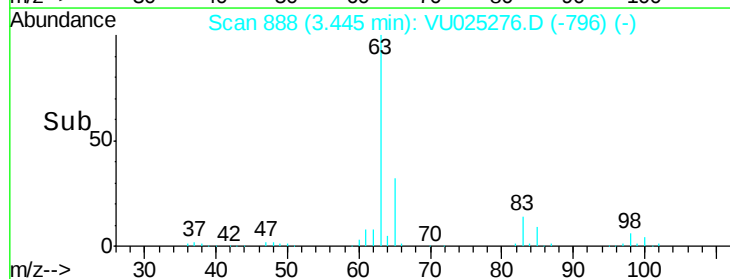
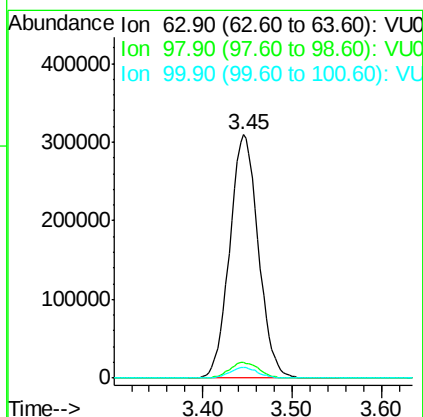
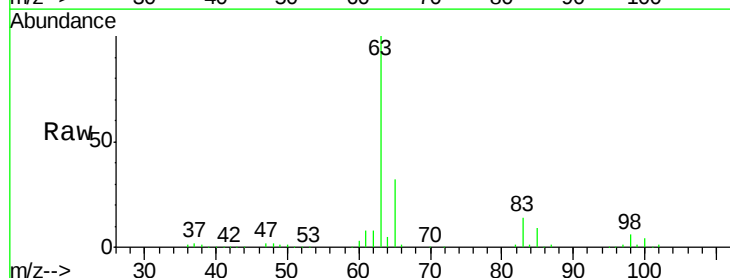
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

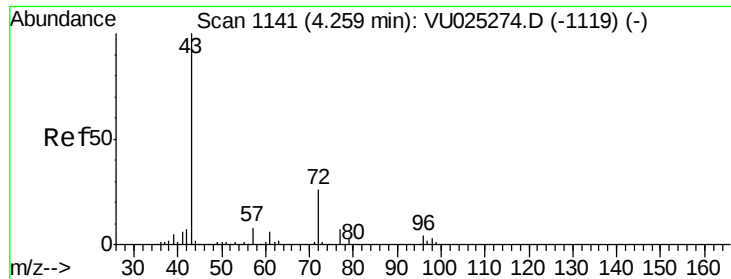
Tgt Ion: 43 Resp: 5394193
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 152.824 ug/l
 RT: 3.45 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: VU025276.D
 Acq: 09 Jul 2018 16:12

Tgt Ion: 63 Resp: 687013
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.1
 100 4.3 2.0 6.0

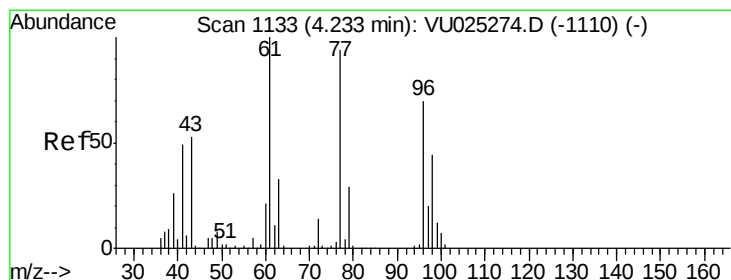
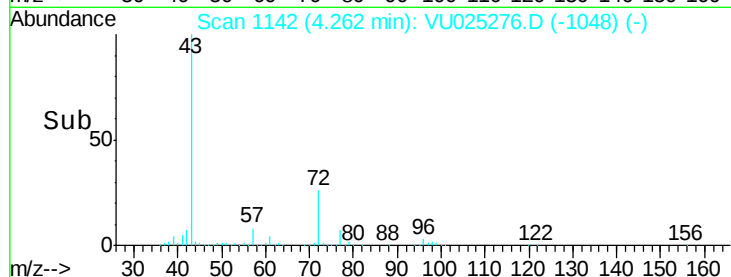
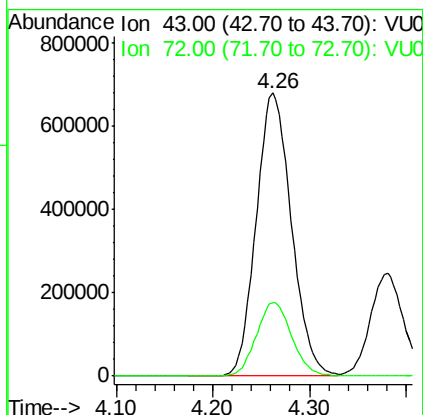
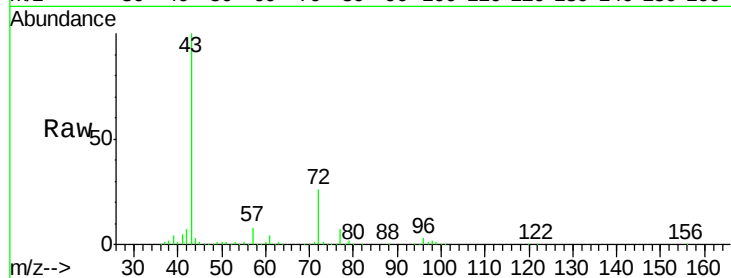




#25
2-Butanone
Concen: 750.356 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VU025276.D
Acq: 09 Jul 2018 16:12

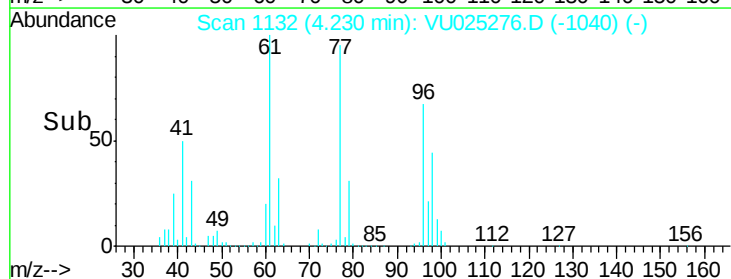
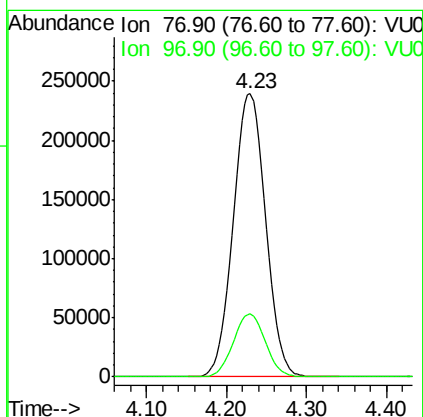
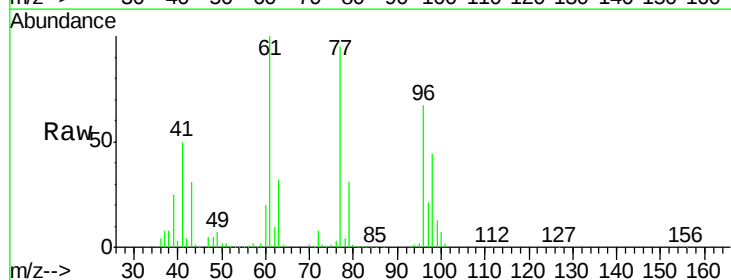
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

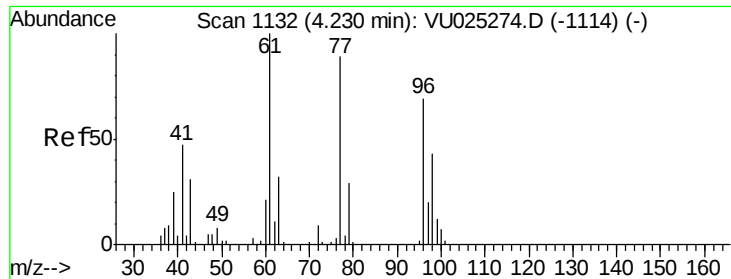
Tgt Ion: 43 Resp: 1715574
Ion Ratio Lower Upper
43 100
72 26.1 21.0 31.4



#26
2,2-Dichloropropane
Concen: 151.281 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU025276.D
Acq: 09 Jul 2018 16:12

Tgt Ion: 77 Resp: 653896
Ion Ratio Lower Upper
77 100
97 21.9 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 147.686 ug/l

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

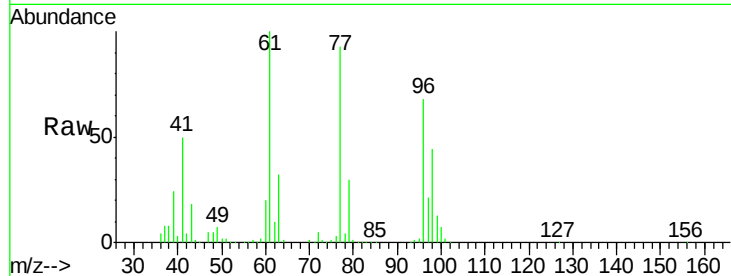
Tgt Ion: 96 Resp: 420267

Ion Ratio Lower Upper

96 100

61 150.0 0.0 299.8

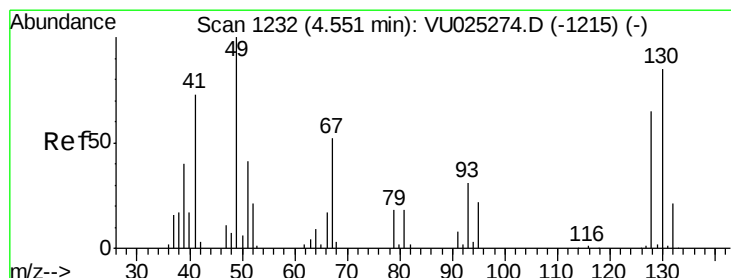
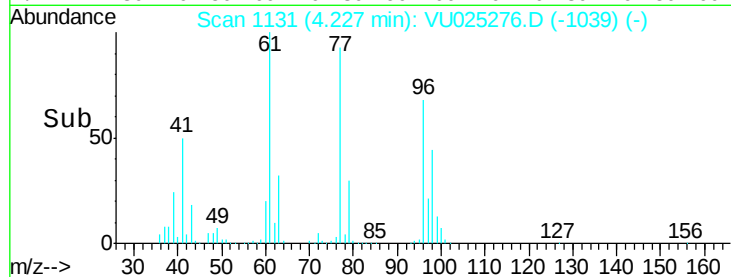
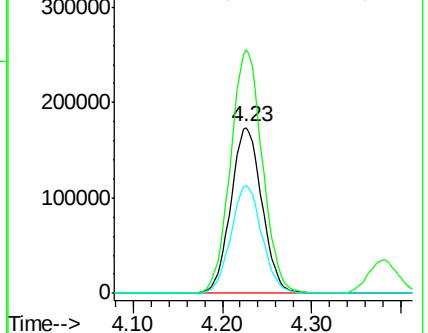
98 64.8 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#28

Bromochloromethane

Concen: 108.426 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

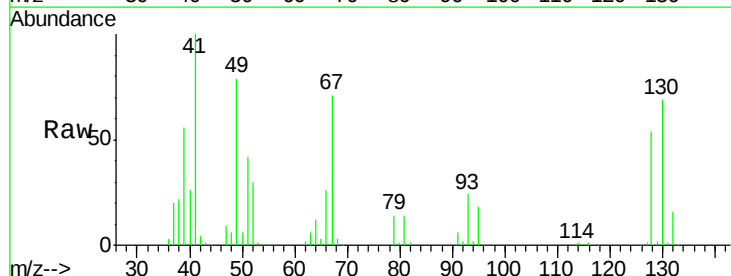
Tgt Ion: 49 Resp: 235368

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

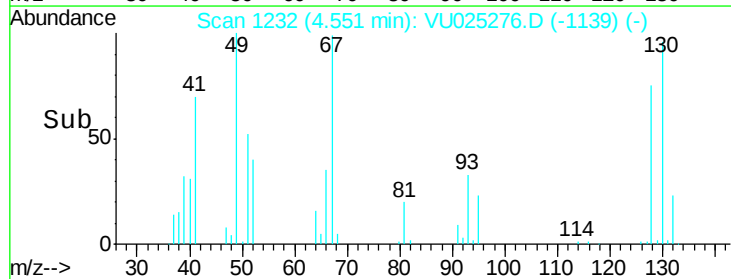
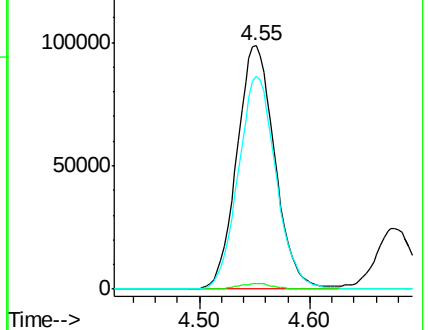
130 87.0 68.6 102.8

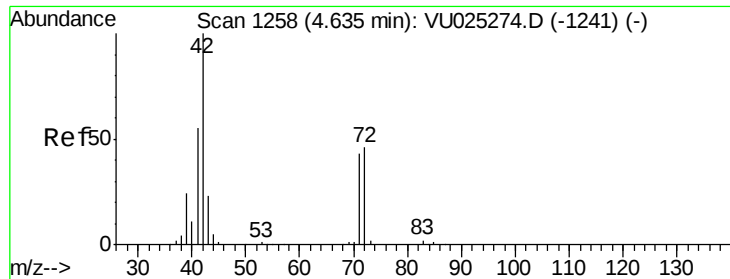


Abundance Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 726.844 ug/l

RT: 4.63 min Scan# 1258

Delta R.T. 0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

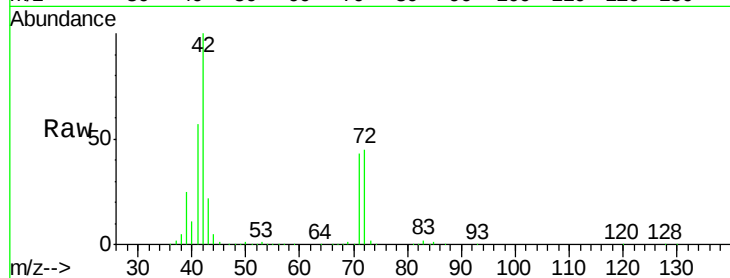
Tgt Ion: 42 Resp: 996780

Ion Ratio Lower Upper

42 100

72 45.5 36.7 55.1

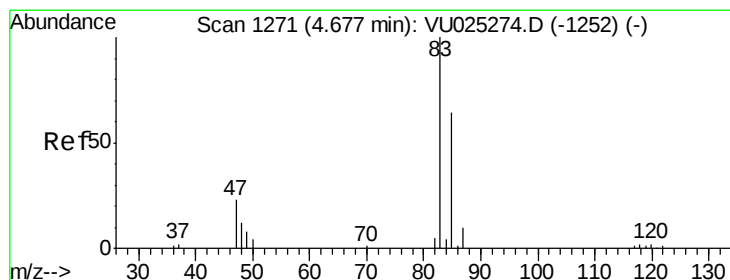
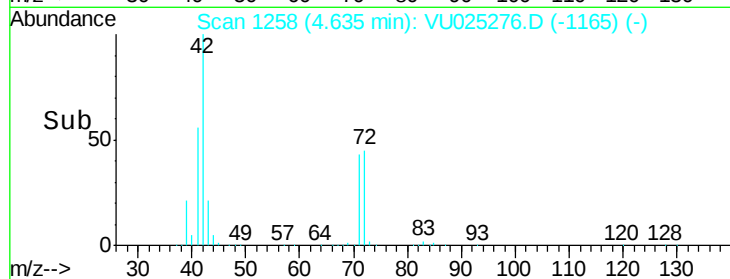
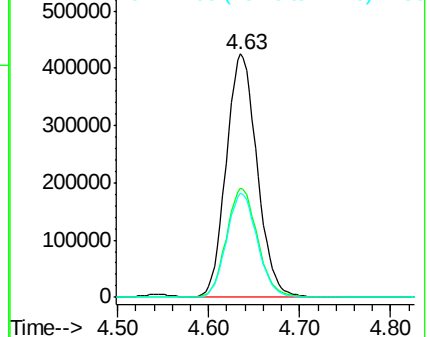
71 42.8 33.9 50.9



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#30

Chloroform

Concen: 150.569 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU025276.D

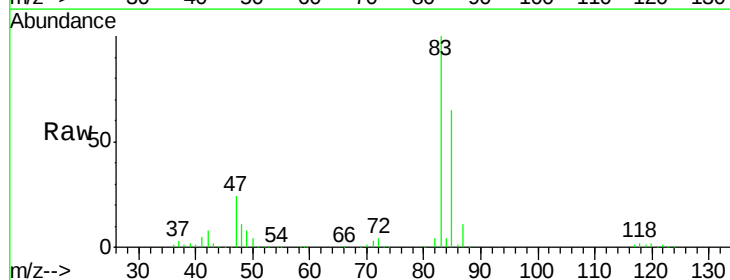
Acq: 09 Jul 2018 16:12

Tgt Ion: 83 Resp: 716821

Ion Ratio Lower Upper

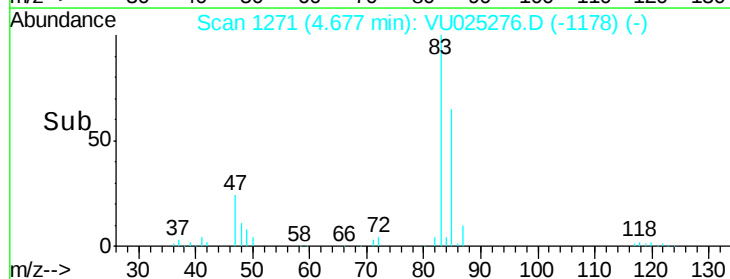
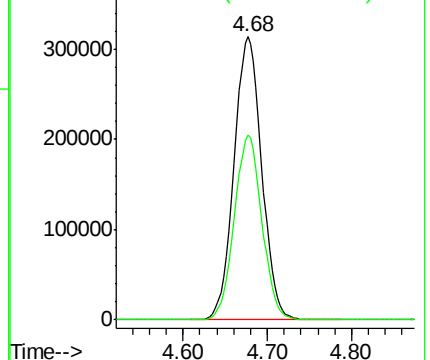
83 100

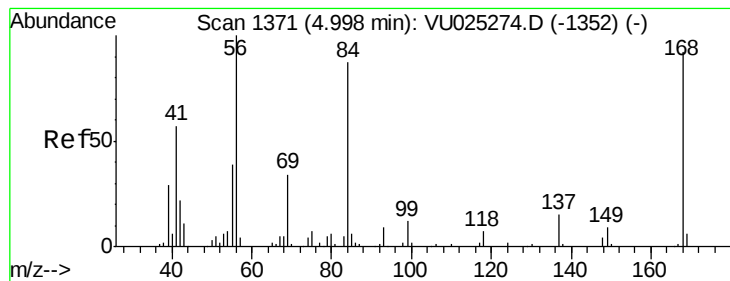
85 65.4 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0





#31

Cyclohexane

Concen: 125.653 ug/l

RT: 5.00 min Scan# 1371

Delta R.T. 0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

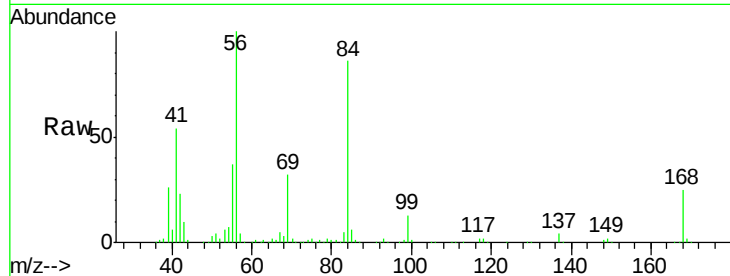
Tgt Ion: 56 Resp: 627601

Ion Ratio Lower Upper

56 100

69 31.5 26.8 40.2

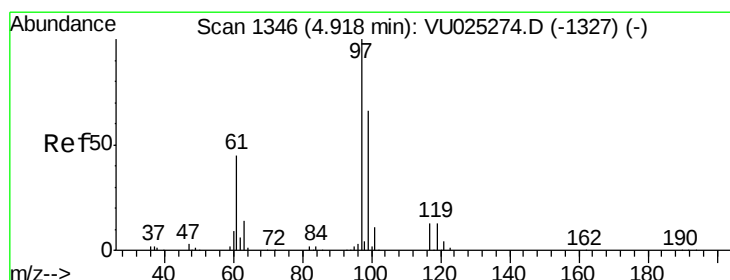
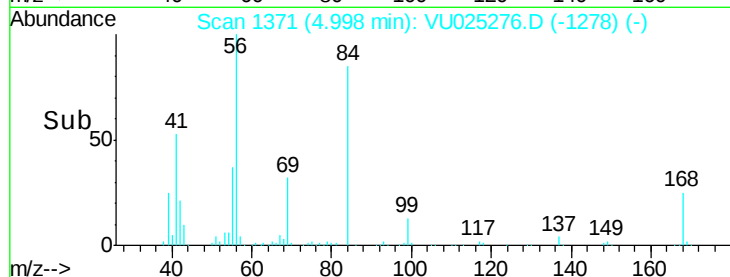
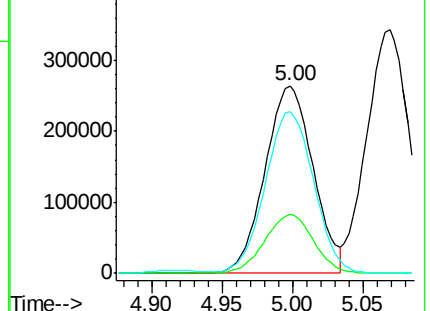
84 85.1 69.7 104.5



Abundance Ion 56.00 (55.70 to 56.70): VU025276.D (-1278) (-)

Ion 69.00 (68.70 to 69.70): VU025276.D (-1278) (-)

Ion 84.00 (83.70 to 84.70): VU025276.D (-1278) (-)



#32

1,1,1-Trichloroethane

Concen: 153.805 ug/l

RT: 4.92 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

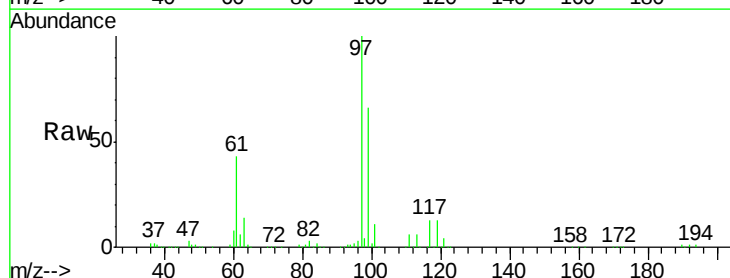
Tgt Ion: 97 Resp: 663590

Ion Ratio Lower Upper

97 100

99 64.7 50.8 76.2

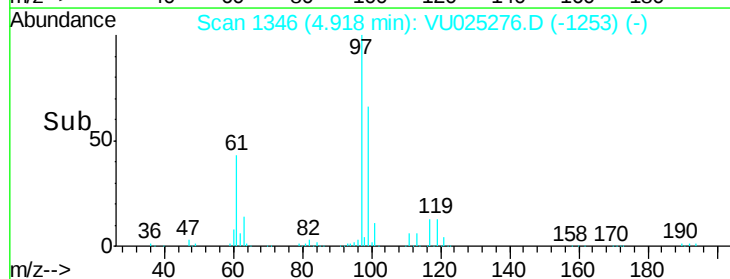
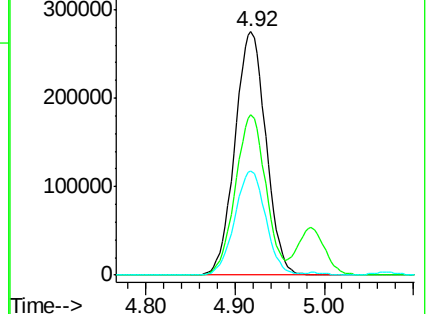
61 42.7 35.2 52.8

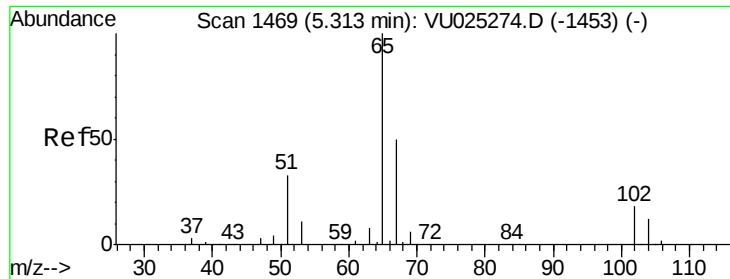


Abundance Ion 96.90 (96.60 to 97.60): VU025276.D (-1253) (-)

Ion 98.90 (98.60 to 99.60): VU025276.D (-1253) (-)

Ion 60.90 (60.60 to 61.60): VU025276.D (-1253) (-)





#33

1,2-Dichloroethane-d4

Concen: 139.594 ug/l

RT: 5.31 min Scan# 1468

Delta R.T. -0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

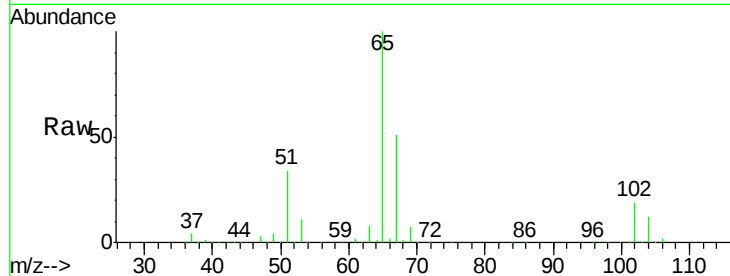
VSTDIC150

Tgt Ion: 65 Resp: 460469

Ion Ratio Lower Upper

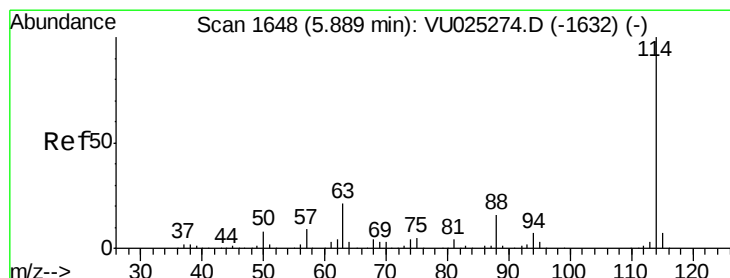
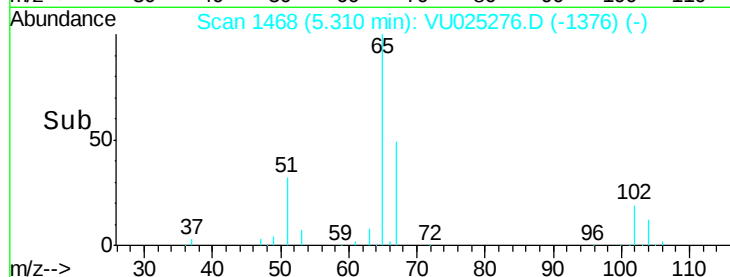
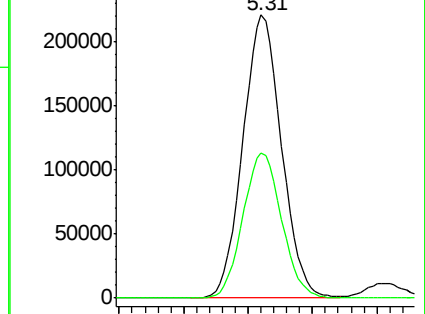
65 100

67 51.4 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025274.D (-1453) (-)

Ion 66.90 (66.60 to 67.60): VU025274.D (-1453) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

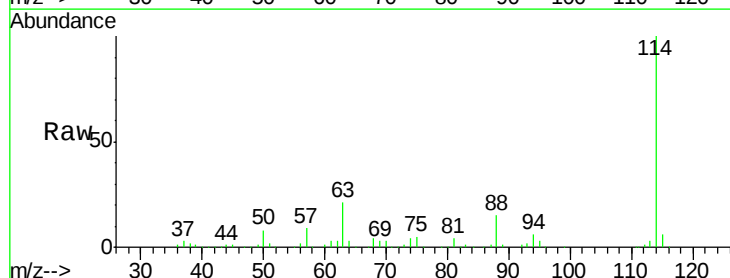
Tgt Ion: 114 Resp: 315889

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.6

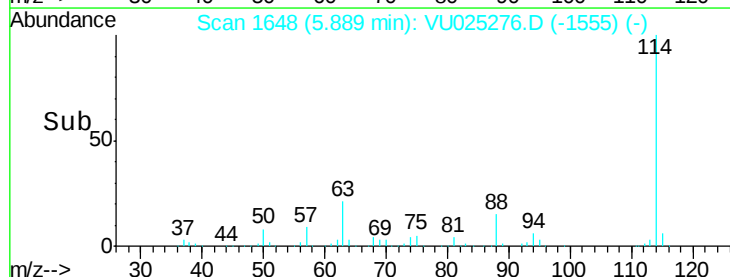
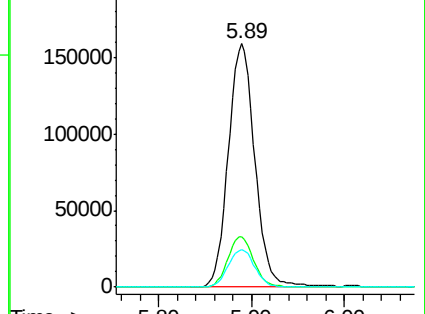
88 15.4 0.0 32.4

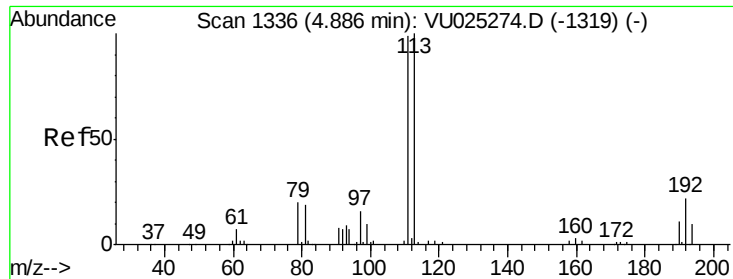


Abundance Ion 113.90 (113.60 to 114.60): VU025274.D (-1632) (-)

Ion 63.00 (62.70 to 63.70): VU025274.D (-1632) (-)

Ion 87.90 (87.60 to 88.60): VU025274.D (-1632) (-)

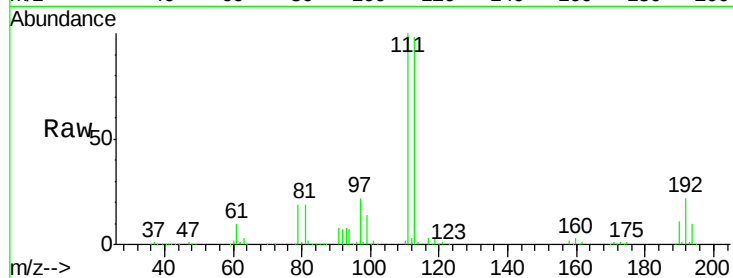




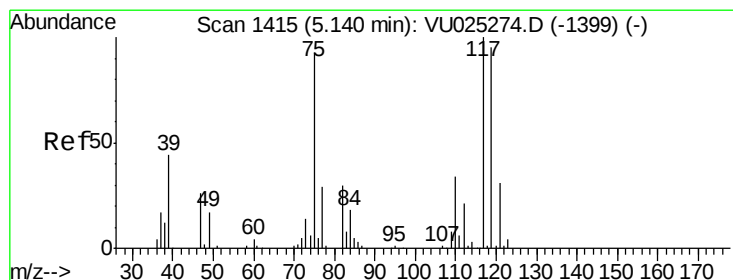
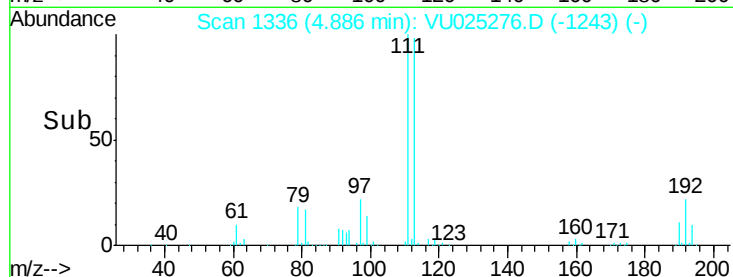
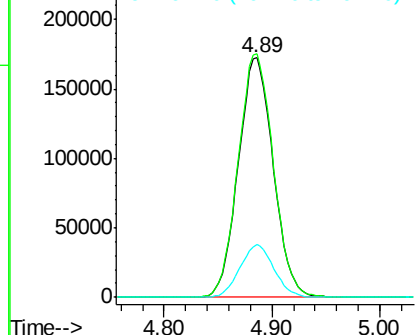
#35
 Dibromofluoromethane
 Concen: 145.370 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025276.D
 Acq: 09 Jul 2018 16:12

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

Tgt Ion: 113 Resp: 387383
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.7 122.5
 192 21.5 17.1 25.7

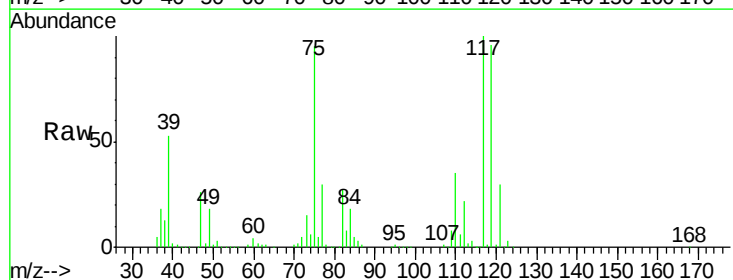


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

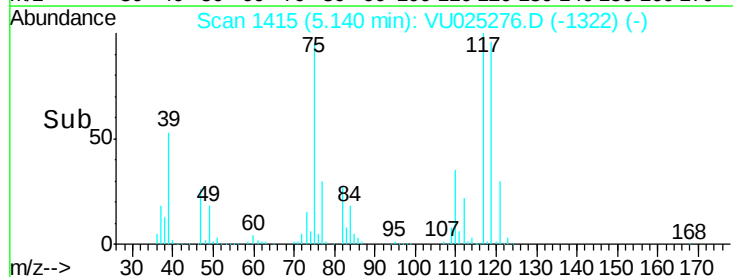
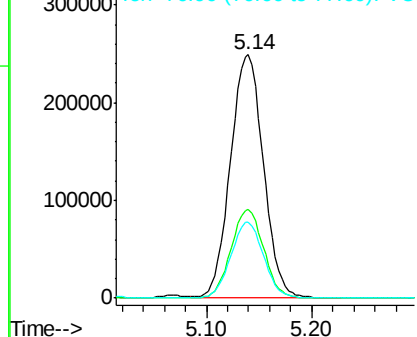


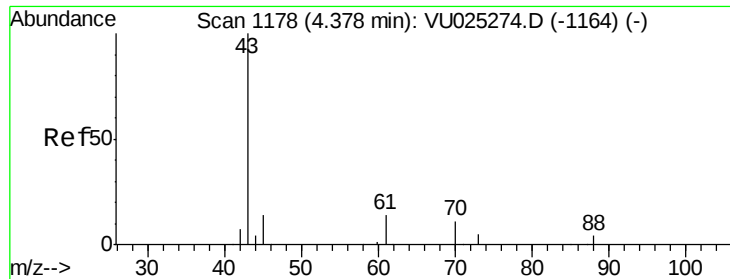
#36
 1,1-Dichloropropene
 Concen: 152.825 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VU025276.D
 Acq: 09 Jul 2018 16:12

Tgt Ion: 75 Resp: 536699
 Ion Ratio Lower Upper
 75 100
 110 36.4 17.6 52.9
 77 31.2 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

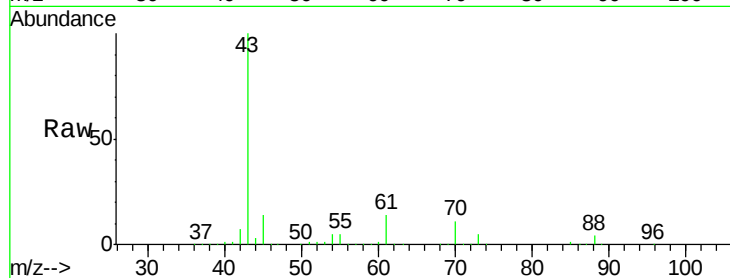




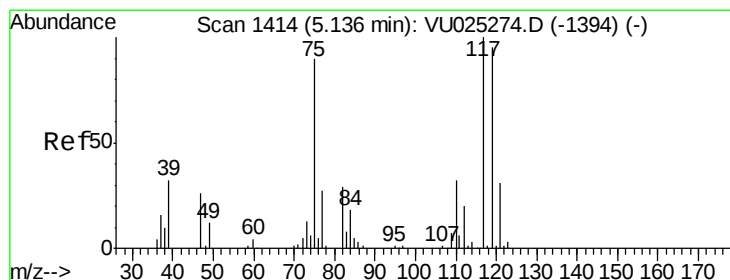
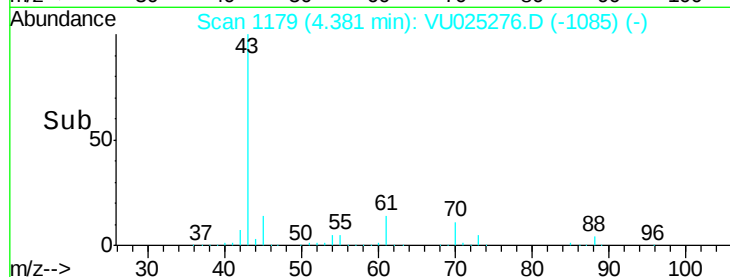
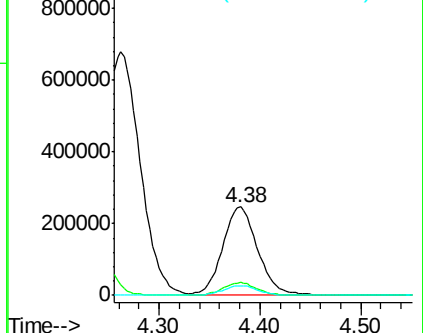
#37
Ethyl Acetate
Concen: 151.694 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU025276.D
Acq: 09 Jul 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 594110
Ion Ratio Lower Upper
43 100
61 13.9 10.7 16.1
70 10.9 8.4 12.6

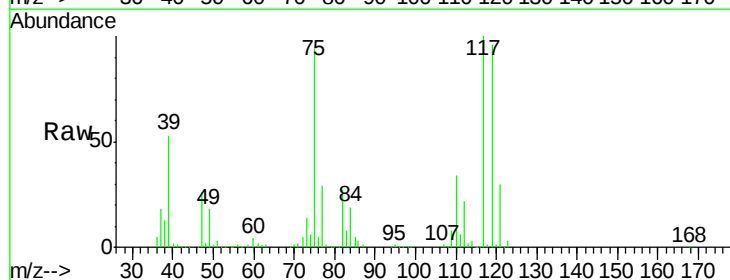


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

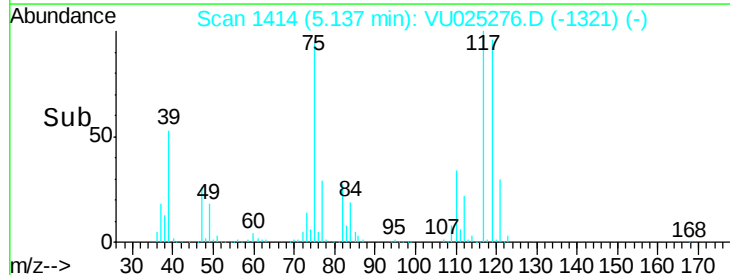
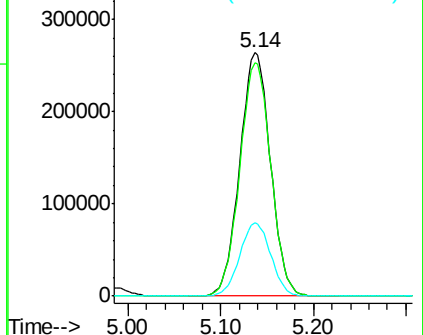


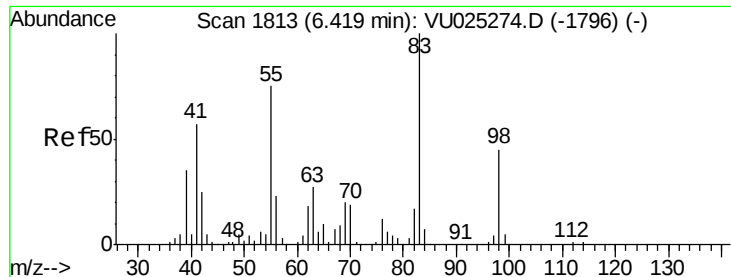
#38
Carbon Tetrachloride
Concen: 160.210 ug/l
RT: 5.14 min Scan# 1414
Delta R.T. 0.00 min
Lab File: VU025276.D
Acq: 09 Jul 2018 16:12

Tgt Ion: 117 Resp: 605579
Ion Ratio Lower Upper
117 100
119 96.0 75.7 113.5
121 30.2 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

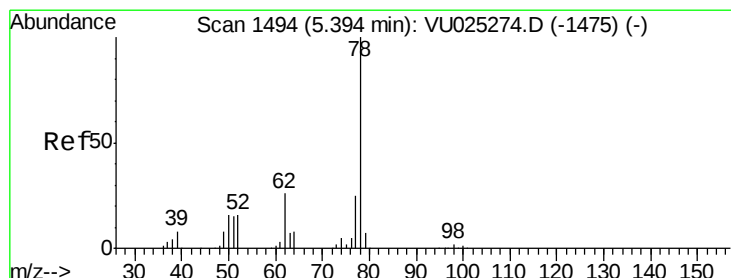
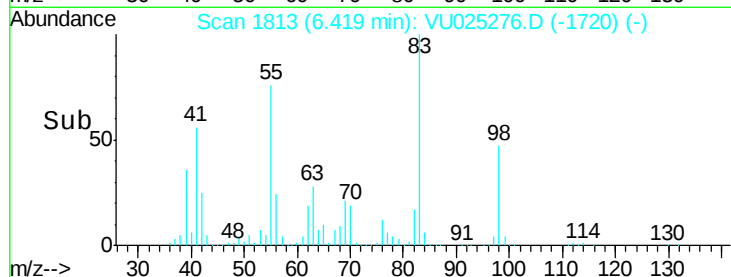
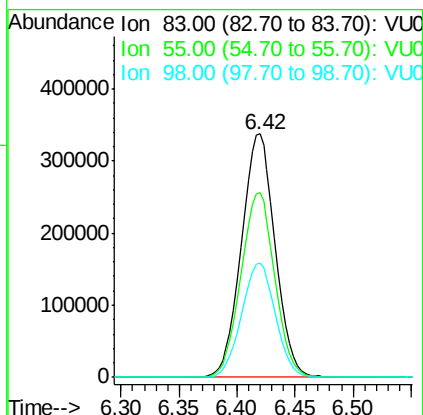
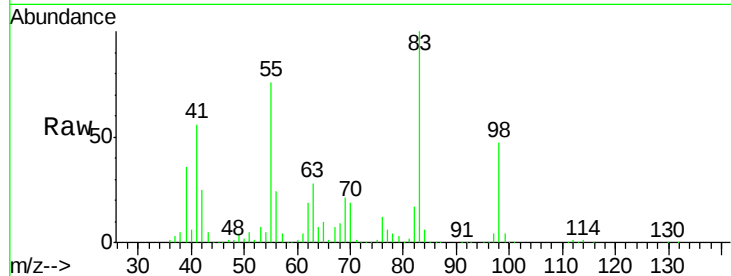




#39
Methylcyclohexane
Concen: 155.819 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025276.D
Acq: 09 Jul 2018 16:12

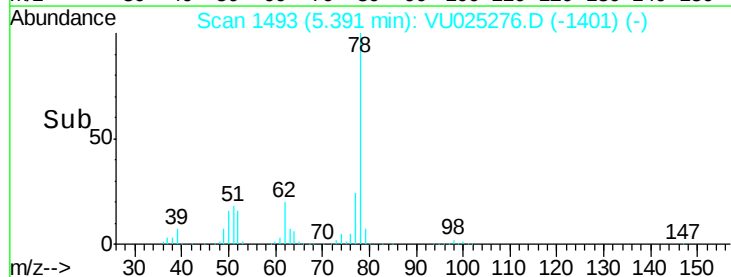
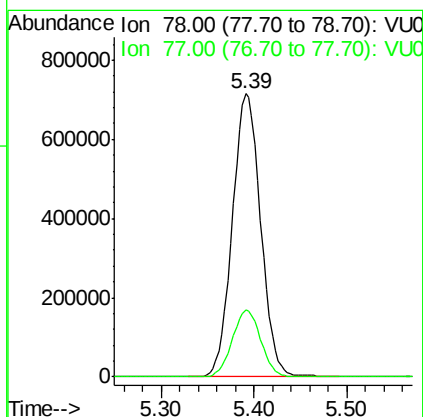
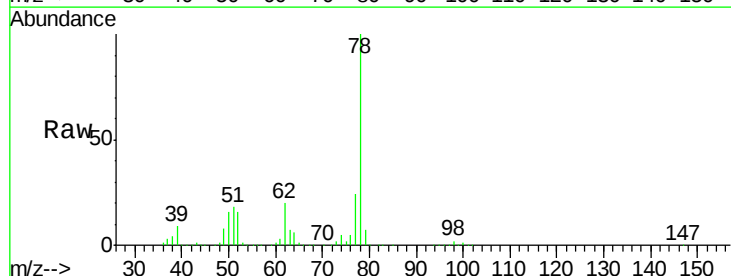
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

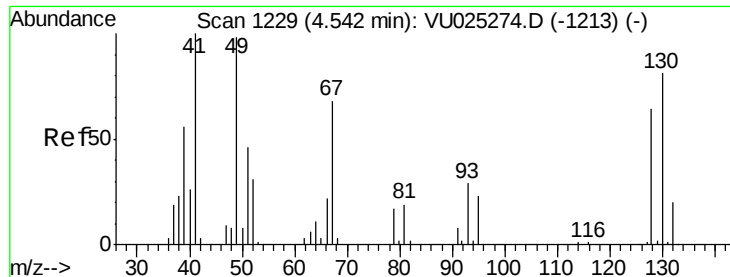
Tgt Ion: 83 Resp: 682560
Ion Ratio Lower Upper
83 100
55 76.0 60.0 90.0
98 46.9 36.1 54.1



#40
Benzene
Concen: 149.627 ug/l
RT: 5.39 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VU025276.D
Acq: 09 Jul 2018 16:12

Tgt Ion: 78 Resp: 1514299
Ion Ratio Lower Upper
78 100
77 23.6 19.8 29.6

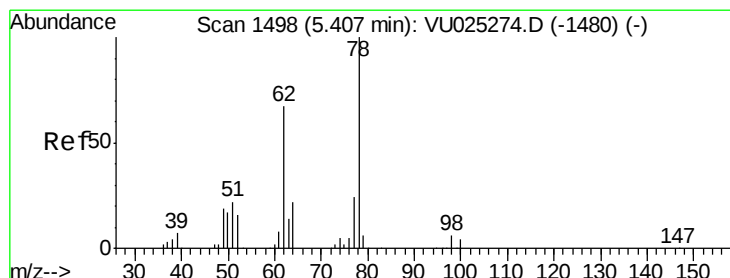
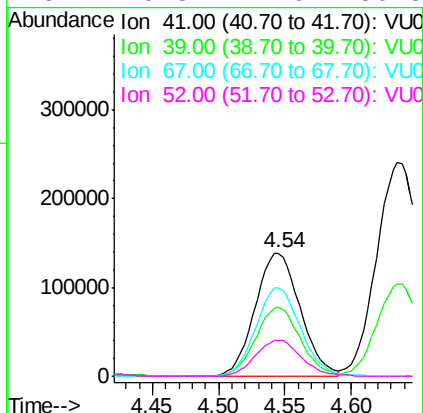
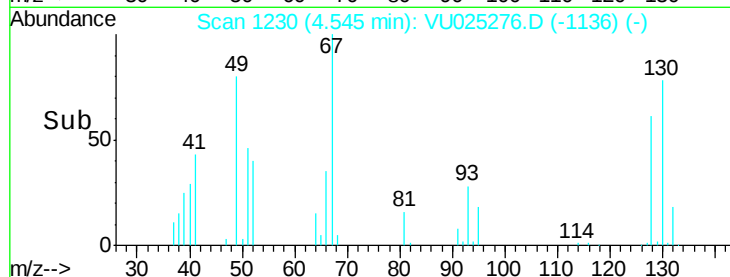
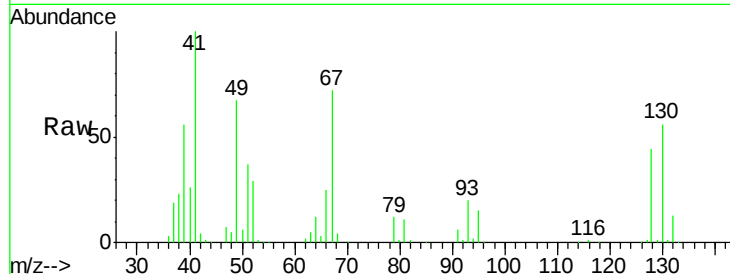




#41
Methacrylonitrile
Concen: 151.515 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025276.D
Acq: 09 Jul 2018 16:12

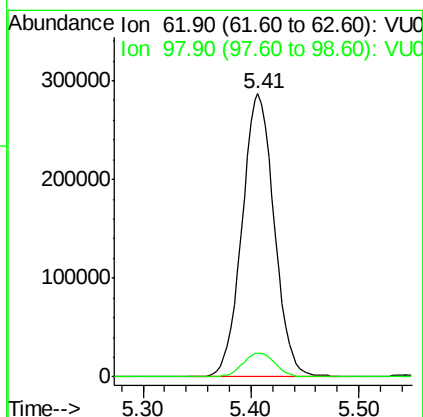
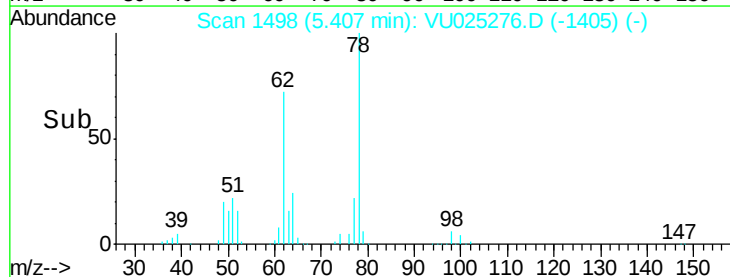
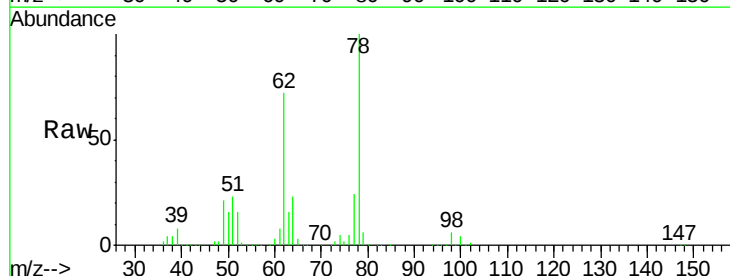
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

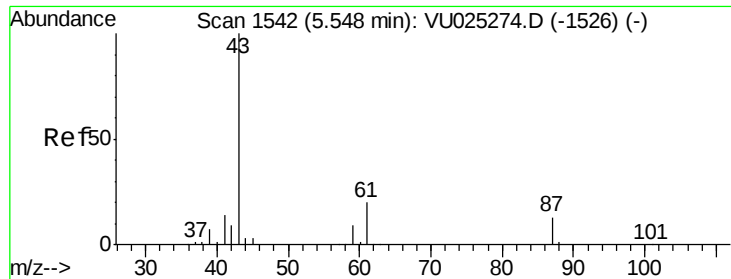
Tgt Ion: 41 Resp: 329008
Ion Ratio Lower Upper
41 100
39 55.0 44.4 66.6
67 71.7 56.0 84.0
52 29.3 24.6 36.8



#42
1,2-Dichloroethane
Concen: 147.640 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. 0.00 min
Lab File: VU025276.D
Acq: 09 Jul 2018 16:12

Tgt Ion: 62 Resp: 593946
Ion Ratio Lower Upper
62 100
98 8.6 0.0 16.4





#43

Isopropyl Acetate

Concen: 153.634 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. 0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

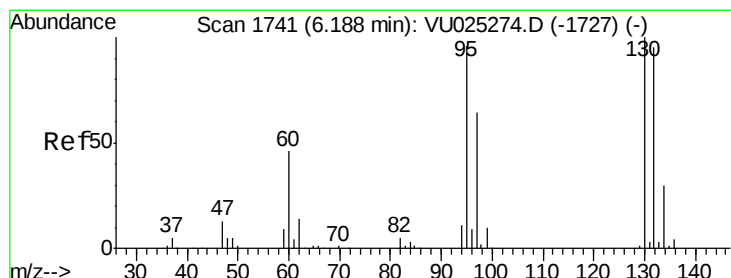
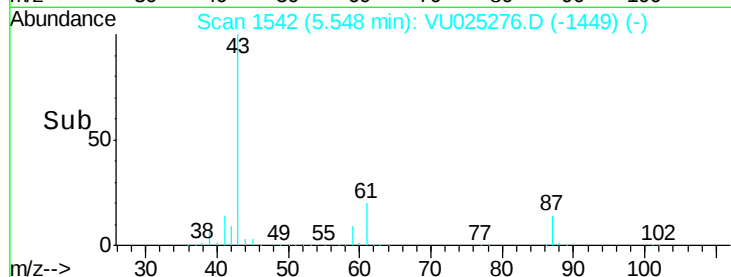
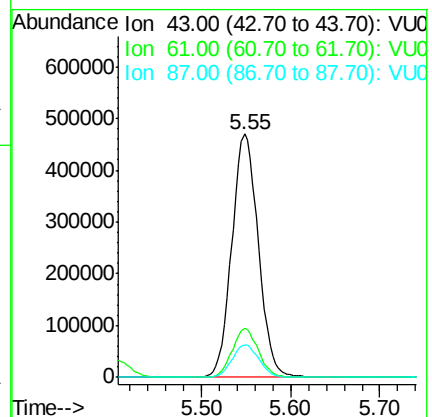
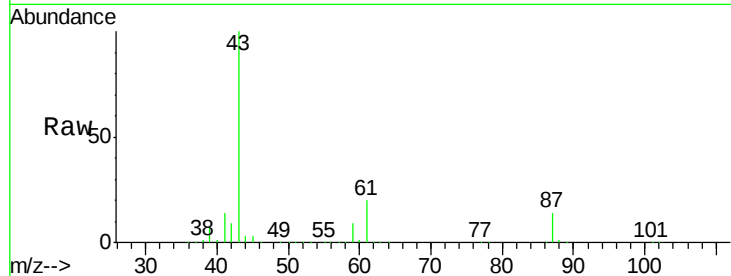
Tgt Ion: 43 Resp: 963576

Ion Ratio Lower Upper

43 100

61 19.8 15.5 23.3

87 13.5 10.6 16.0



#44

Trichloroethene

Concen: 150.757 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU025276.D

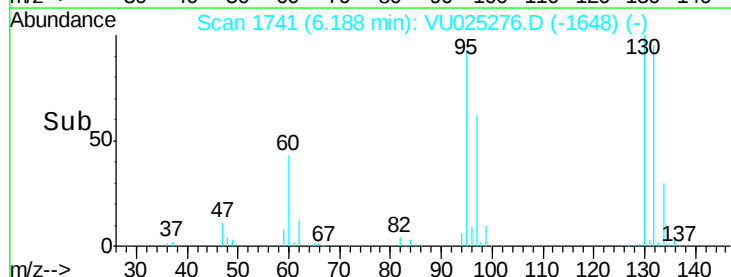
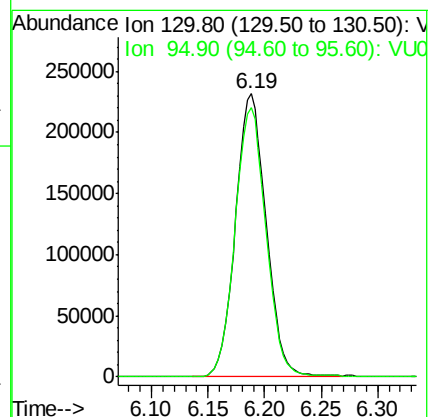
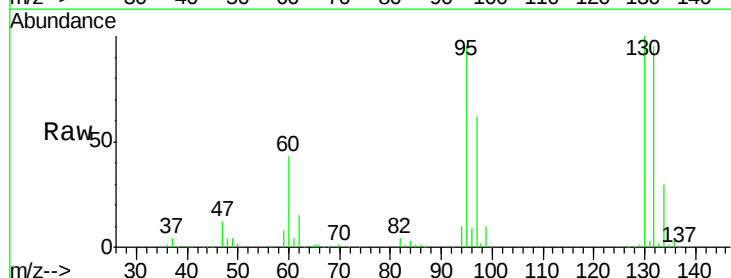
Acq: 09 Jul 2018 16:12

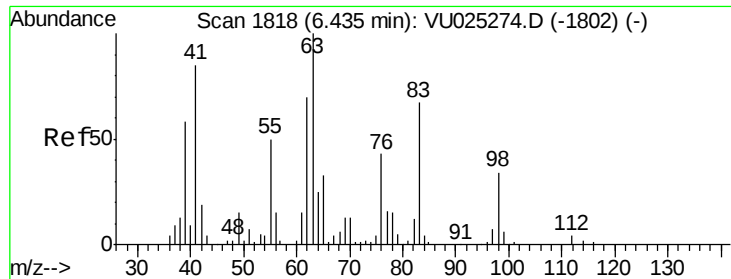
Tgt Ion: 130 Resp: 438091

Ion Ratio Lower Upper

130 100

95 95.0 0.0 192.2





#45

1,2-Dichloropropane

Concen: 151.200 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

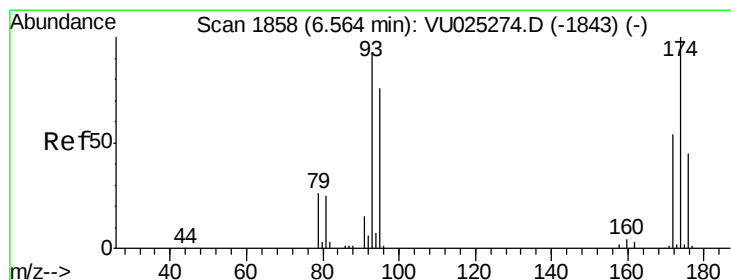
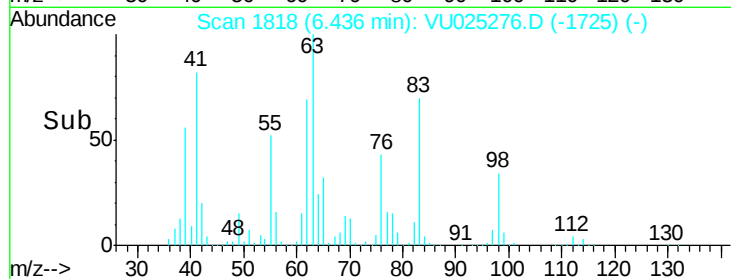
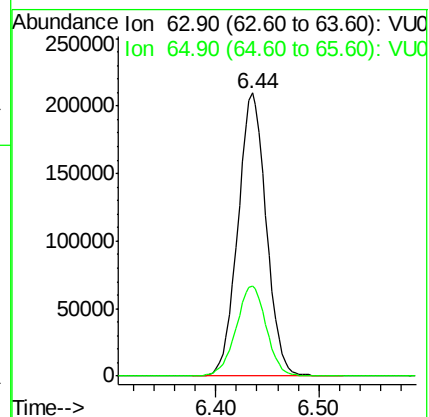
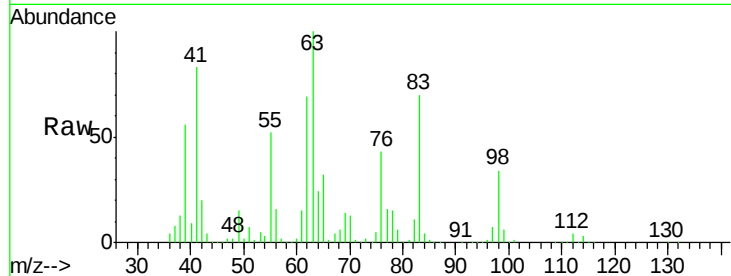
VSTDIC150

Tgt Ion: 63 Resp: 400791

Ion Ratio Lower Upper

63 100

65 32.0 26.1 39.1



#46

Dibromomethane

Concen: 151.108 ug/l

RT: 6.56 min Scan# 1857

Delta R.T. -0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

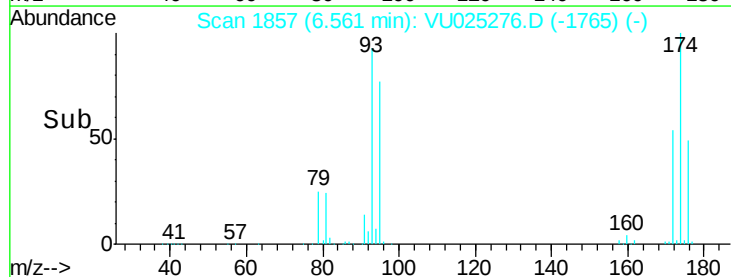
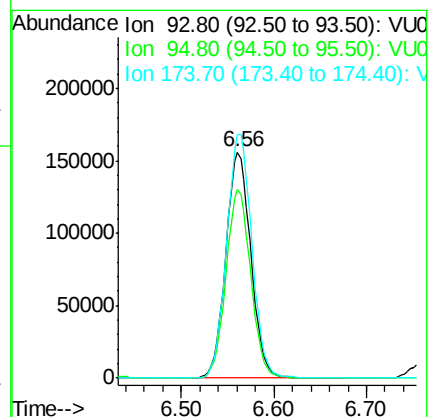
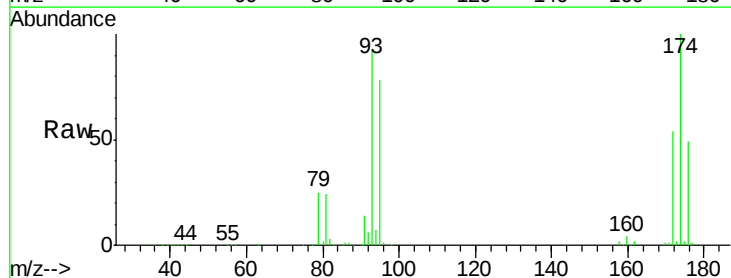
Tgt Ion: 93 Resp: 291494

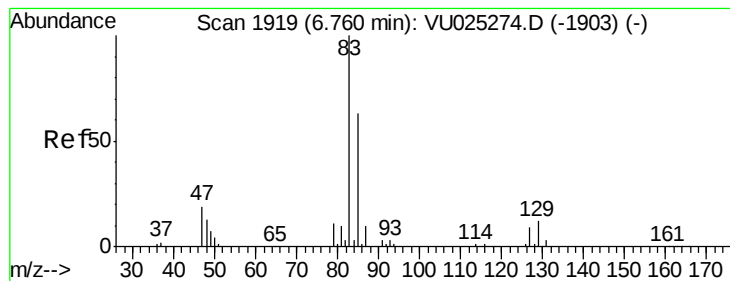
Ion Ratio Lower Upper

93 100

95 82.8 66.6 100.0

174 109.1 85.8 128.8





#47

Bromodichloromethane

Concen: 160.575 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

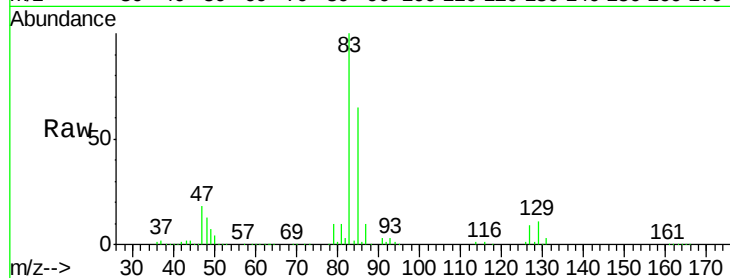
Tgt Ion: 83 Resp: 575422

Ion Ratio Lower Upper

83 100

85 64.6 50.2 75.4

127 9.5 7.2 10.8

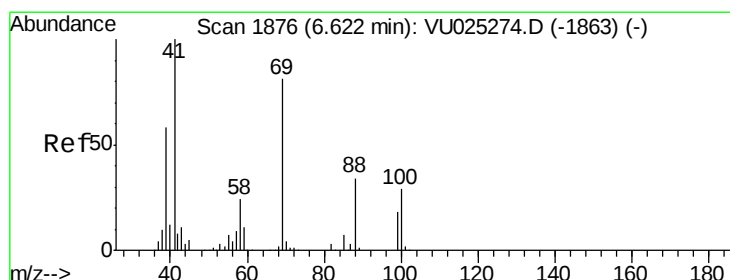
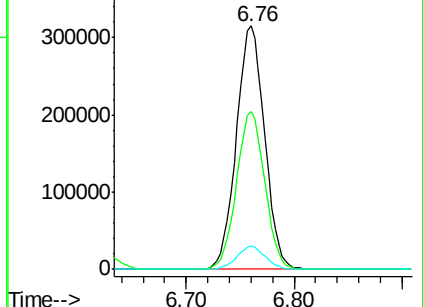
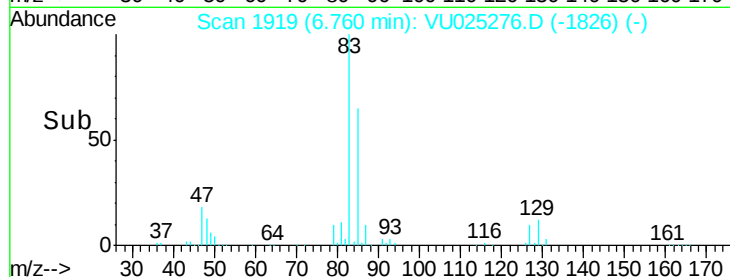


Abundance Ion 82.90 (82.60 to 83.60): VU025276.D (-1826) (-)

Ion 84.90 (84.60 to 85.60): VU025276.D (-1826) (-)

Ion 126.80 (126.50 to 127.50): VU025276.D (-1826) (-)

Time-->



#48

Methyl methacrylate

Concen: 159.112 ug/l

RT: 6.62 min Scan# 1876

Delta R.T. 0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

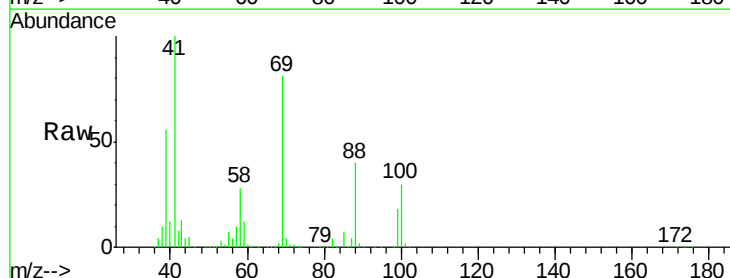
Tgt Ion: 41 Resp: 497489

Ion Ratio Lower Upper

41 100

69 82.8 65.0 97.4

39 56.7 46.4 69.6

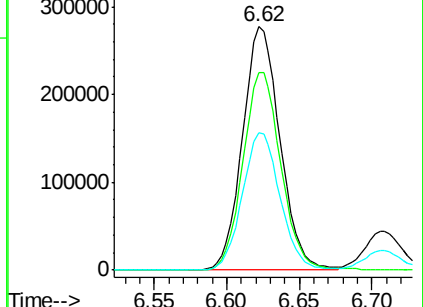
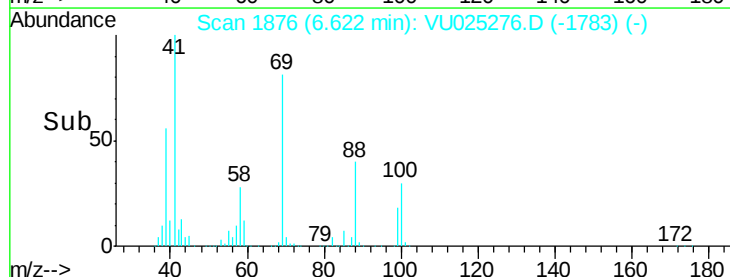


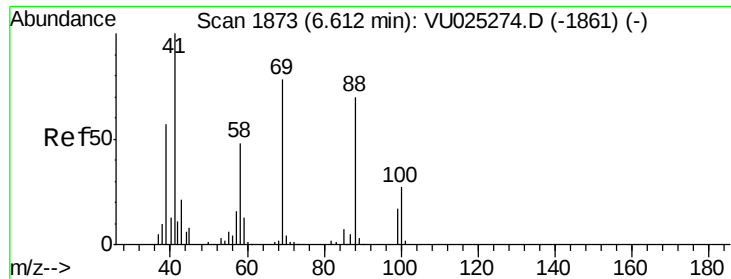
Abundance Ion 41.00 (40.70 to 41.70): VU025276.D (-1783) (-)

Ion 69.00 (68.70 to 69.70): VU025276.D (-1783) (-)

Ion 39.00 (38.70 to 39.70): VU025276.D (-1783) (-)

Time-->

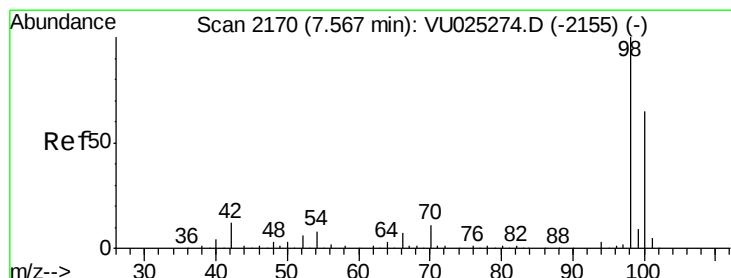
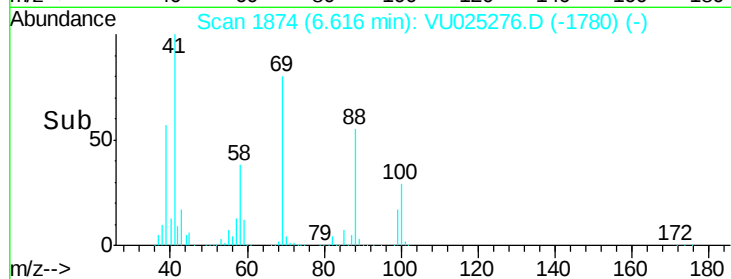
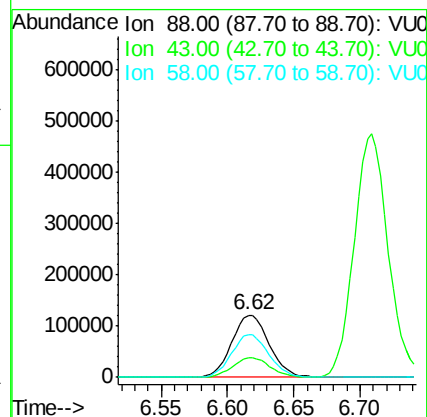
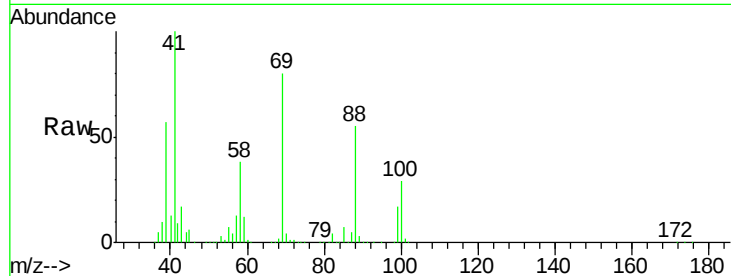




#49
1,4-Dioxane
Concen: 3118.728 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU025276.D
Acq: 09 Jul 2018 16:12

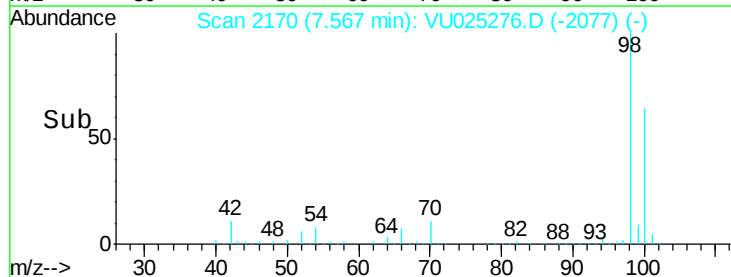
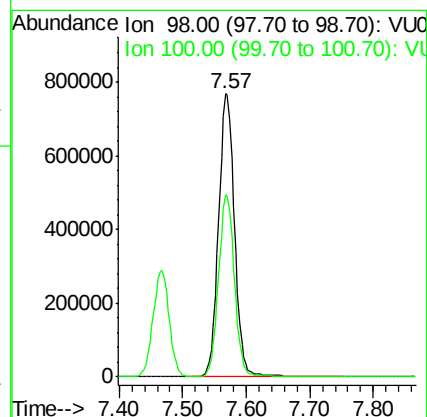
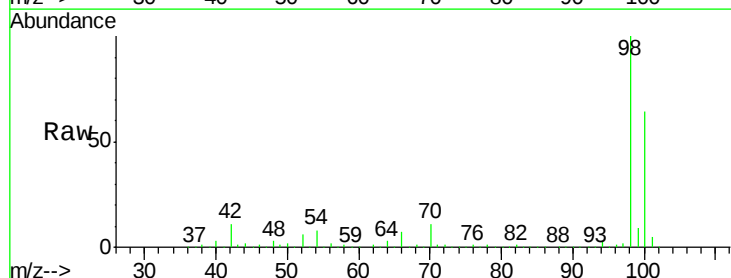
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

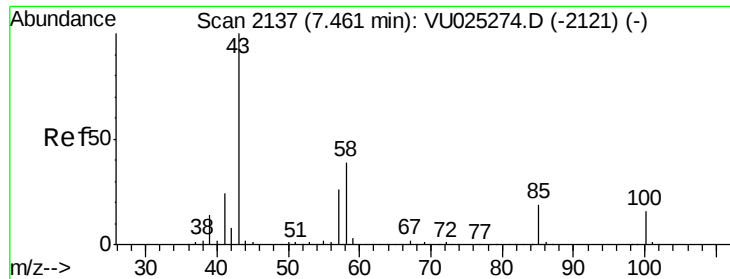
Tgt Ion: 88 Resp: 234637
Ion Ratio Lower Upper
88 100
43 31.9 27.3 40.9
58 69.6 57.6 86.4



#50
Toluene-d8
Concen: 146.748 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025276.D
Acq: 09 Jul 2018 16:12

Tgt Ion: 98 Resp: 1339114
Ion Ratio Lower Upper
98 100
100 64.4 51.1 76.7

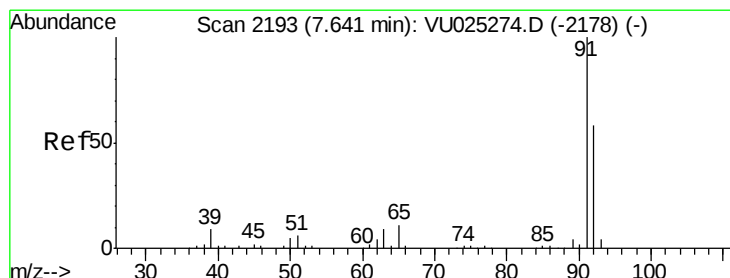
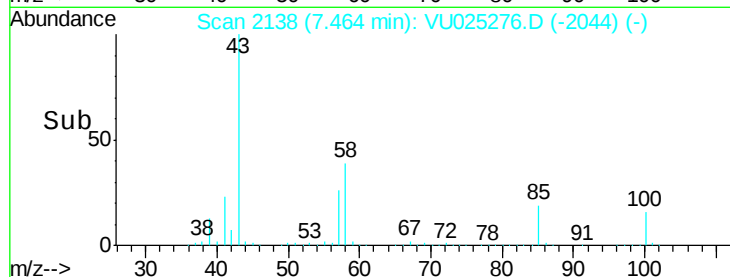
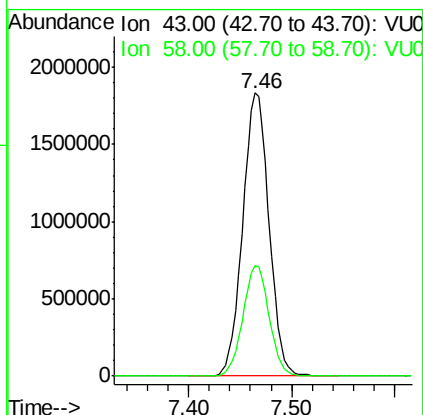
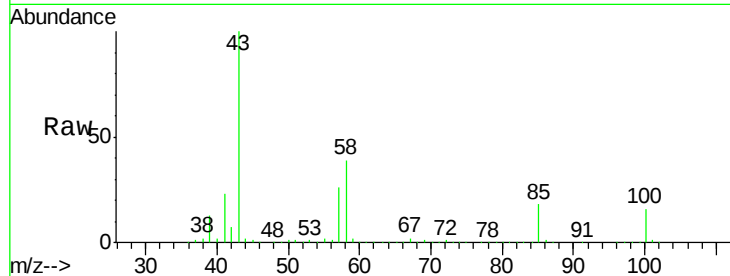




#51
4-Methyl-2-Pentanone
Concen: 797.064 ug/l
RT: 7.46 min Scan# 2138
Delta R.T. 0.00 min
Lab File: VU025276.D
Acq: 09 Jul 2018 16:12

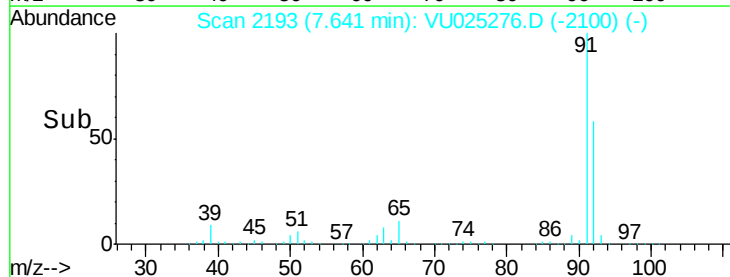
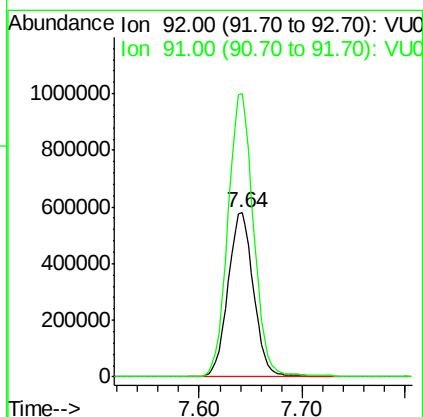
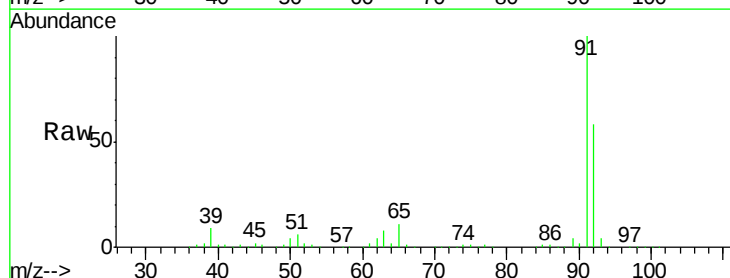
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

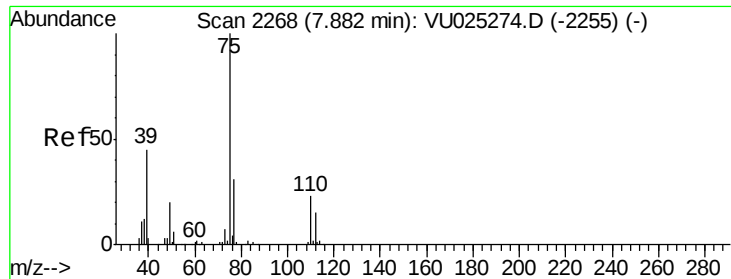
Tgt Ion: 43 Resp: 3249187
Ion Ratio Lower Upper
43 100
58 38.8 31.0 46.4



#52
Toluene
Concen: 156.532 ug/l
RT: 7.64 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU025276.D
Acq: 09 Jul 2018 16:12

Tgt Ion: 92 Resp: 1007862
Ion Ratio Lower Upper
92 100
91 172.9 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 170.112 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

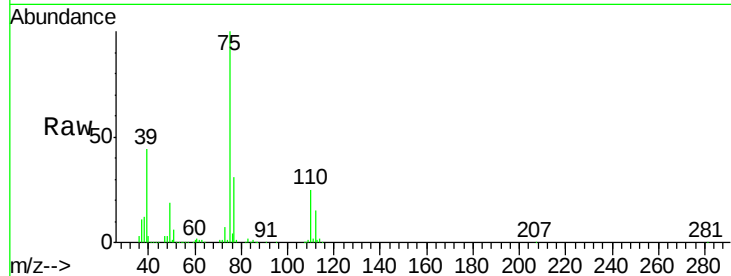
VSTDIC150

Tgt Ion: 75 Resp: 669773

Ion Ratio Lower Upper

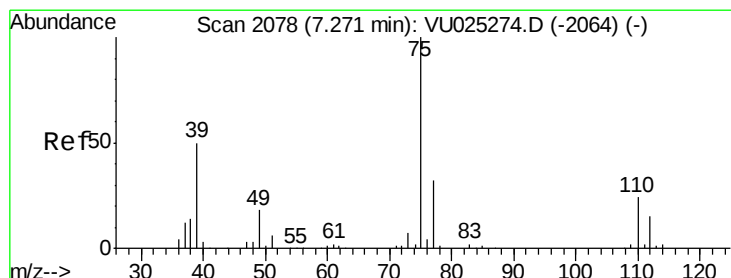
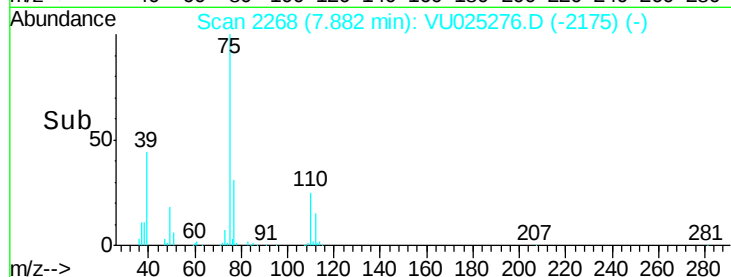
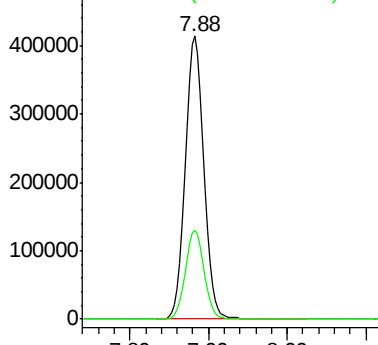
75 100

77 31.4 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 163.449 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

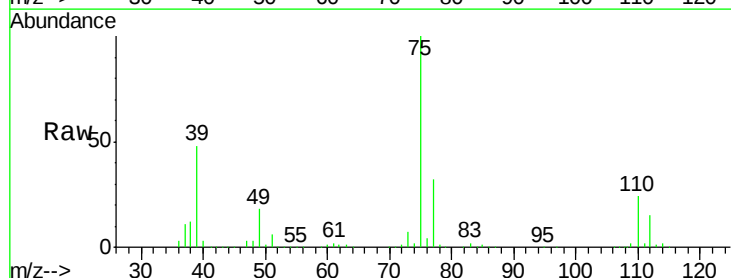
Tgt Ion: 75 Resp: 684916

Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4

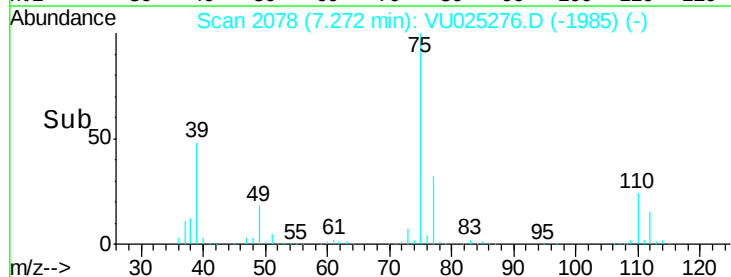
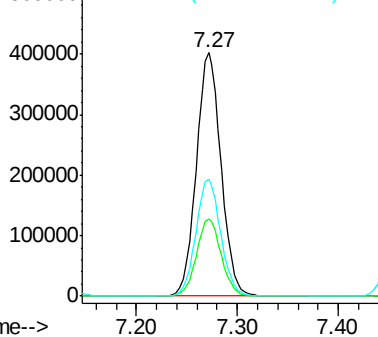
39 48.0 40.0 60.0

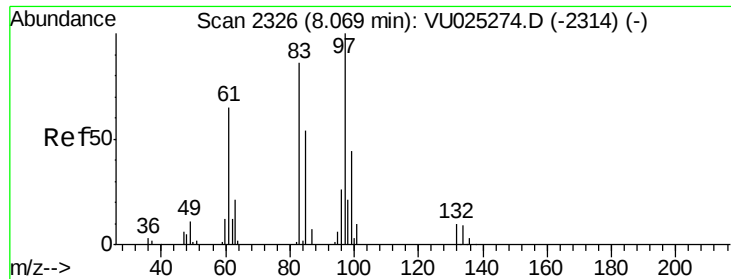


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

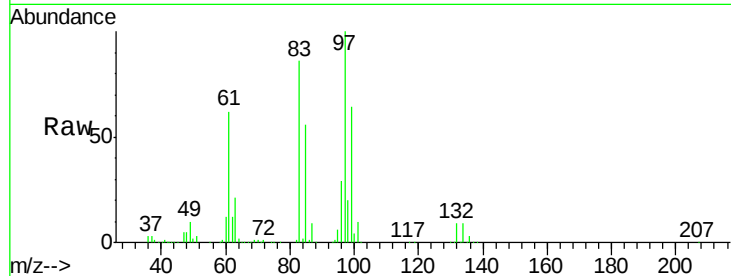




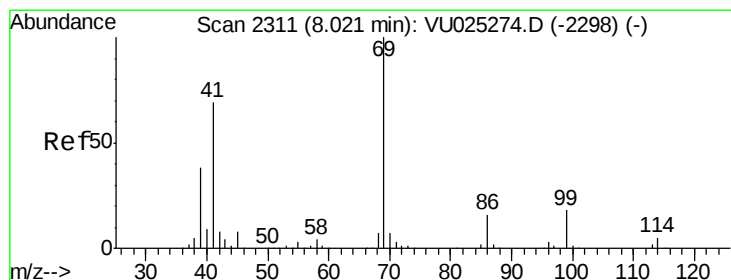
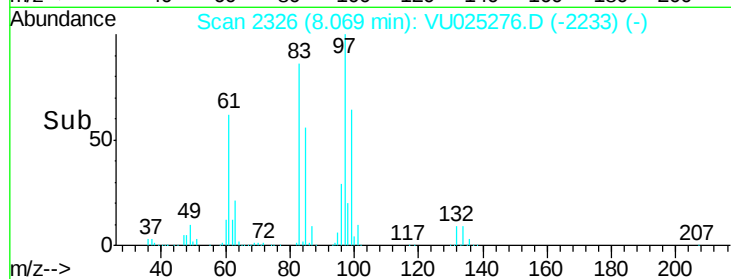
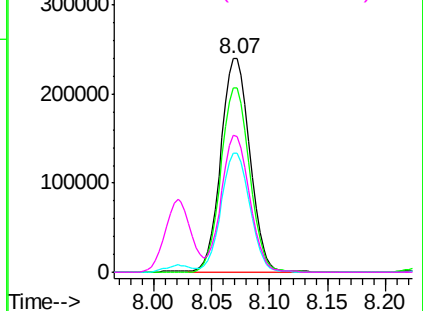
#55
 1,1,2-Trichloroethane
 Concen: 154.739 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025276.D
 Acq: 09 Jul 2018 16:12

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

Tgt Ion: 97 Resp: 414943
 Ion Ratio Lower Upper
 97 100
 83 86.4 68.9 103.3
 85 55.6 44.4 66.6
 99 64.1 51.0 76.4

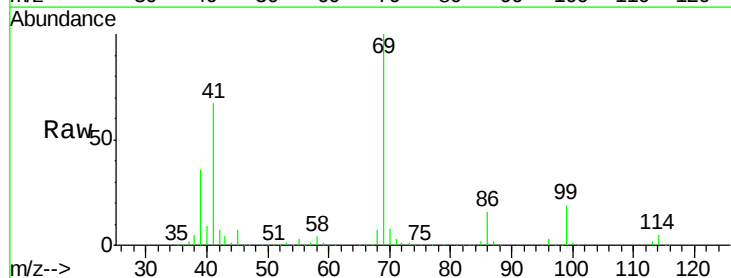


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

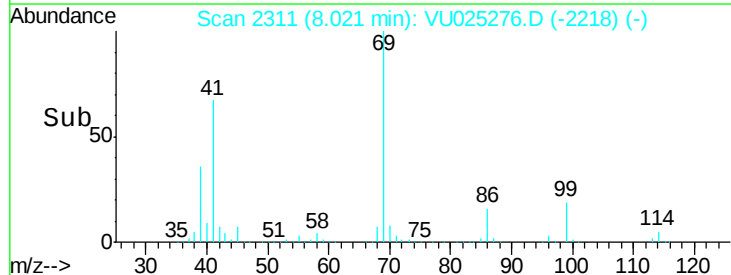
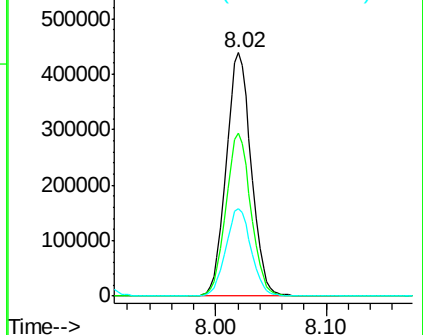


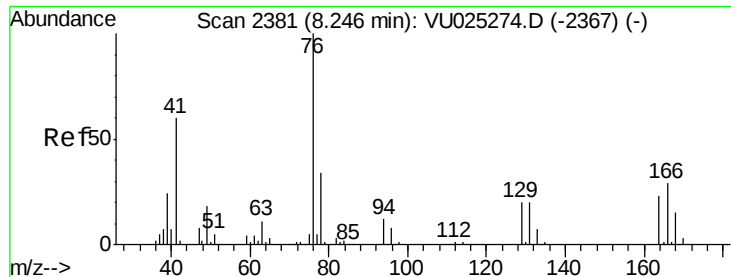
#56
 Ethyl methacrylate
 Concen: 164.764 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025276.D
 Acq: 09 Jul 2018 16:12

Tgt Ion: 69 Resp: 690074
 Ion Ratio Lower Upper
 69 100
 41 66.9 54.8 82.2
 39 36.2 31.1 46.7



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

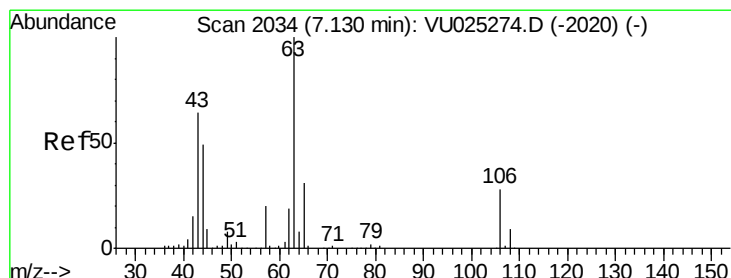
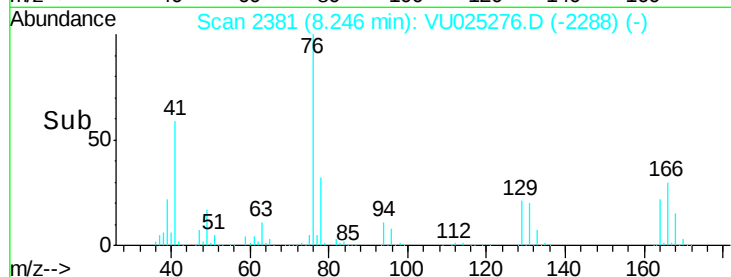
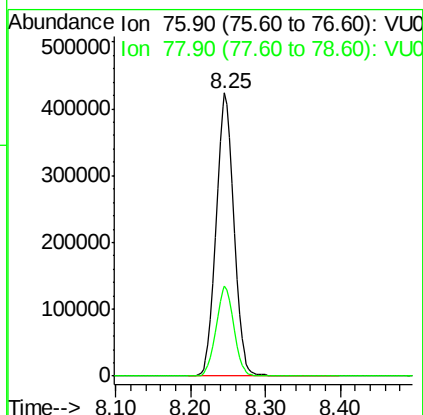
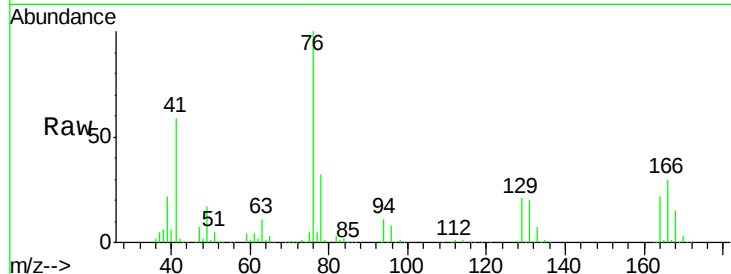




#57
 1,3-Dichloropropane
 Concen: 157.661 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025276.D
 Acq: 09 Jul 2018 16:12

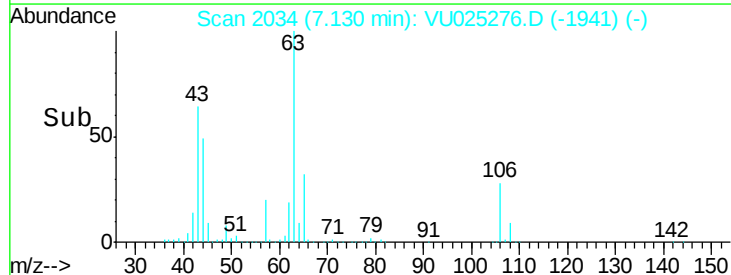
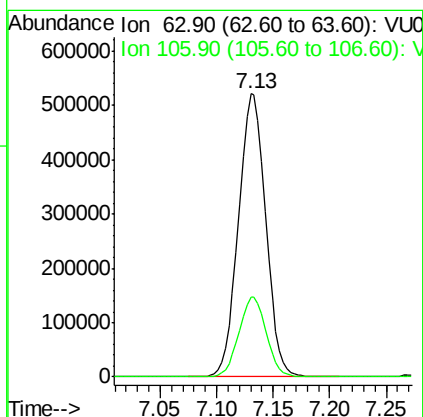
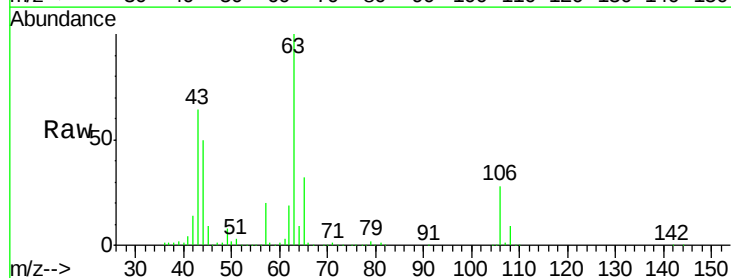
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

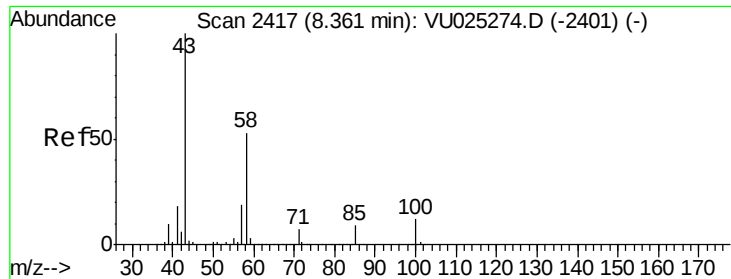
Tgt Ion: 76 Resp: 701850
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 594.881 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: VU025276.D
 Acq: 09 Jul 2018 16:12

Tgt Ion: 63 Resp: 879208
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.3 33.5

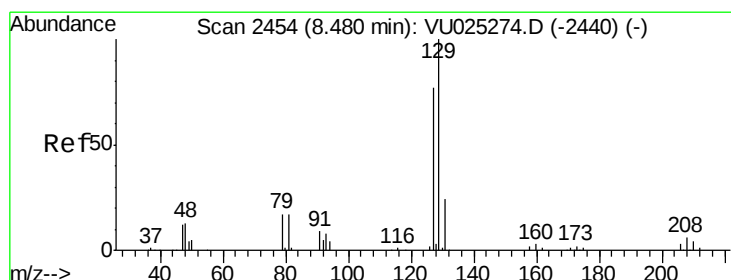
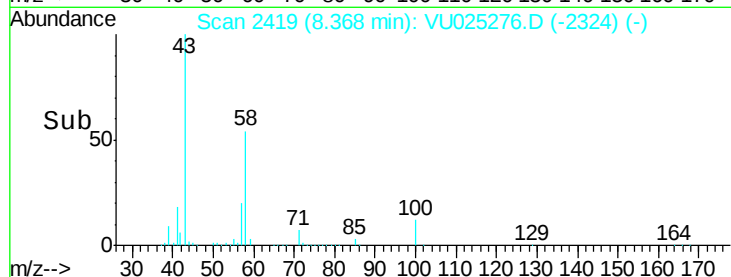
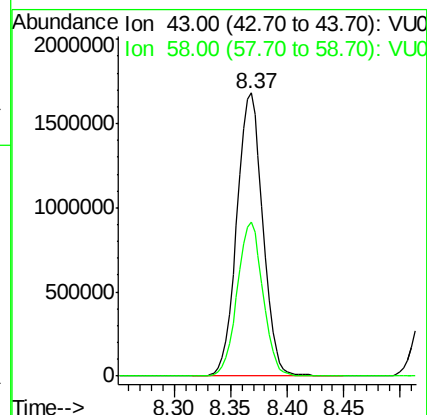
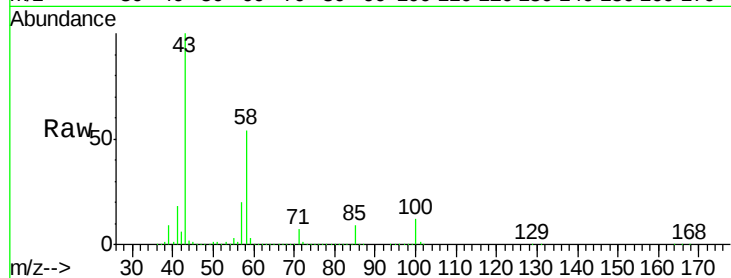




#59
2-Hexanone
Concen: 812.711 ug/l
RT: 8.37 min Scan# 2419
Delta R.T. 0.01 min
Lab File: VU025276.D
Acq: 09 Jul 2018 16:12

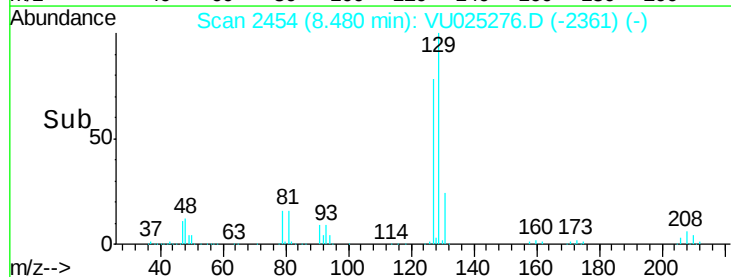
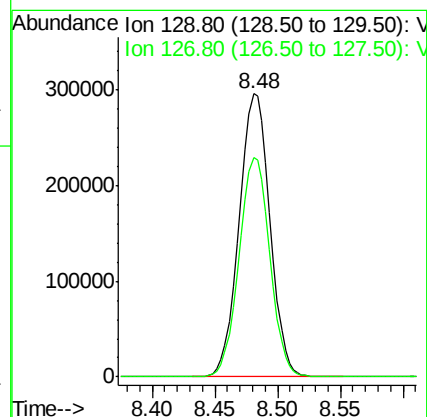
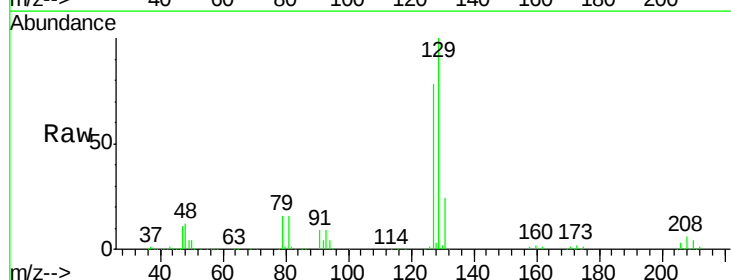
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

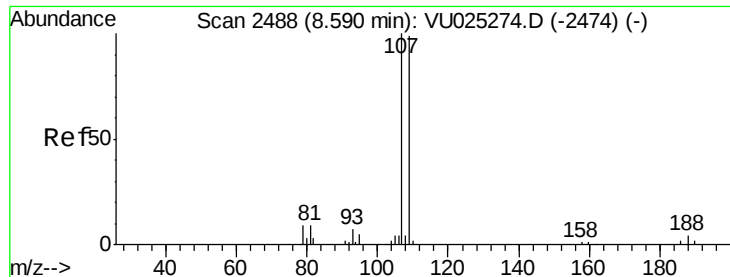
Tgt Ion: 43 Resp: 2687255
Ion Ratio Lower Upper
43 100
58 54.2 26.2 78.5



#60
Dibromochloromethane
Concen: 174.801 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025276.D
Acq: 09 Jul 2018 16:12

Tgt Ion: 129 Resp: 506223
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 159.644 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

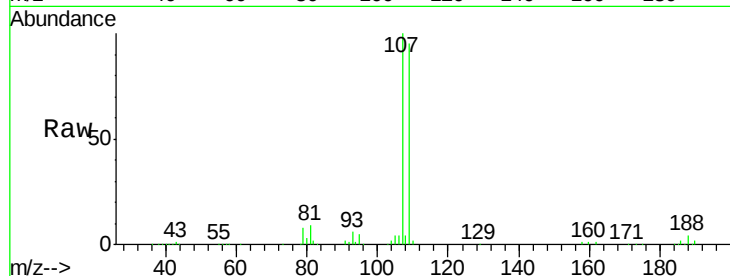
VSTDIC150

Tgt Ion: 107 Resp: 458064

Ion Ratio Lower Upper

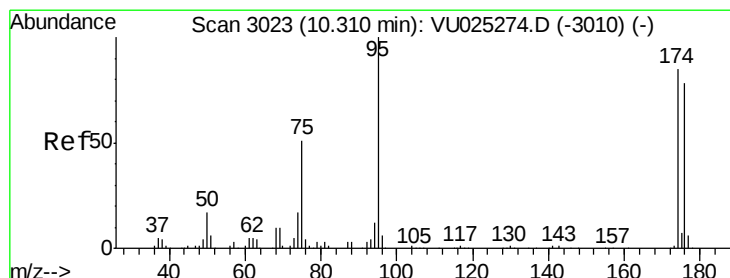
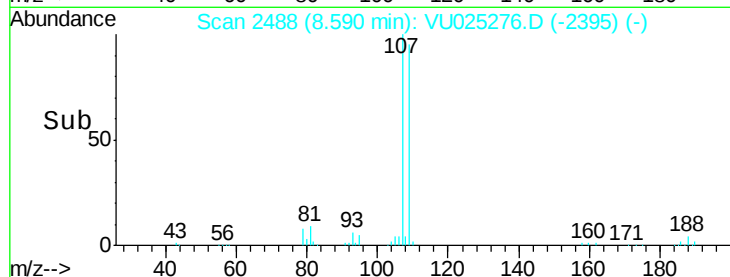
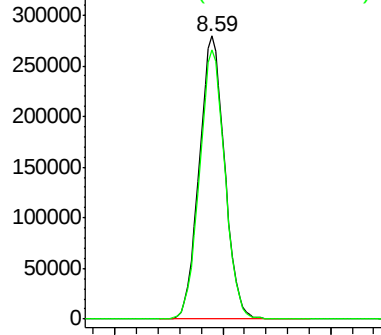
107 100

109 95.3 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 161.976 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

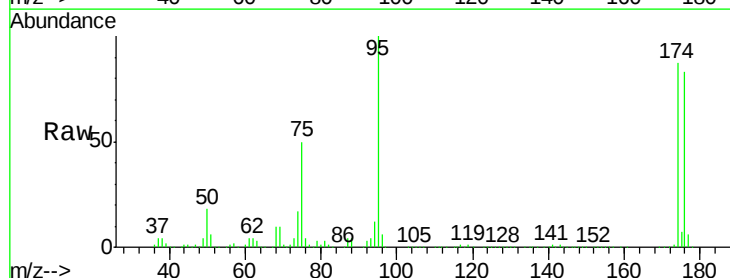
Tgt Ion: 95 Resp: 595074

Ion Ratio Lower Upper

95 100

174 87.9 0.0 172.2

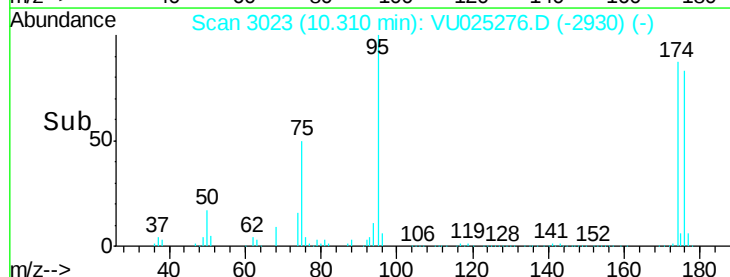
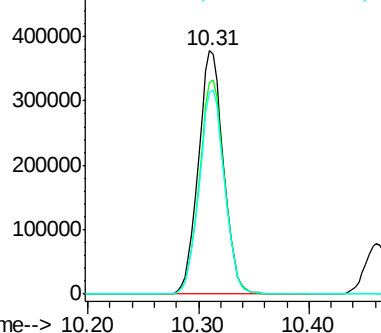
176 84.4 0.0 162.6

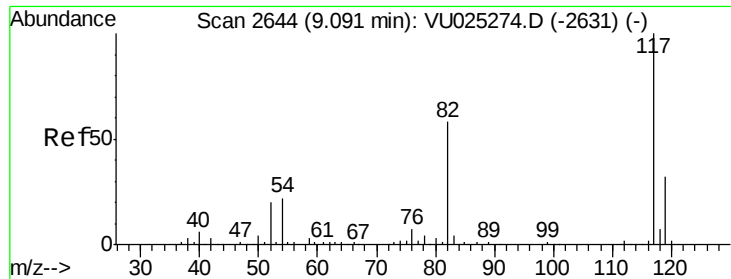


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

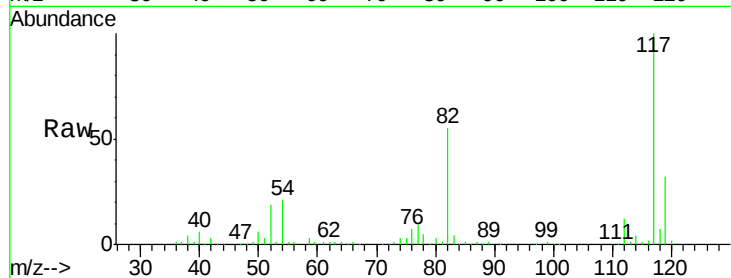




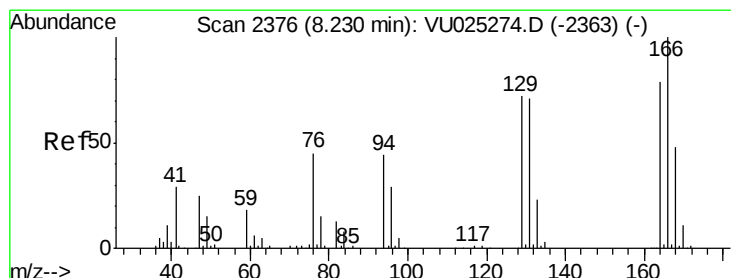
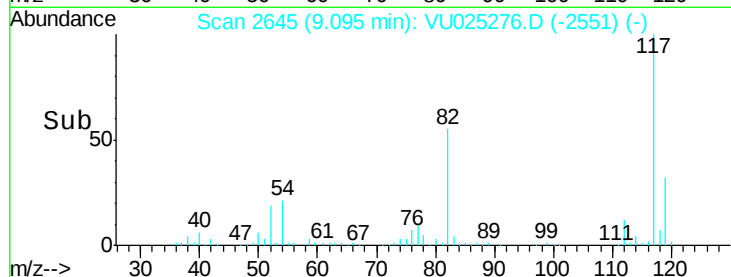
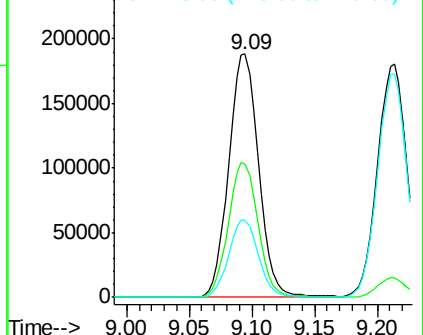
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025276.D
Acq: 09 Jul 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 311771
Ion Ratio Lower Upper
117 100
82 55.1 46.0 69.0
119 31.9 26.0 39.0

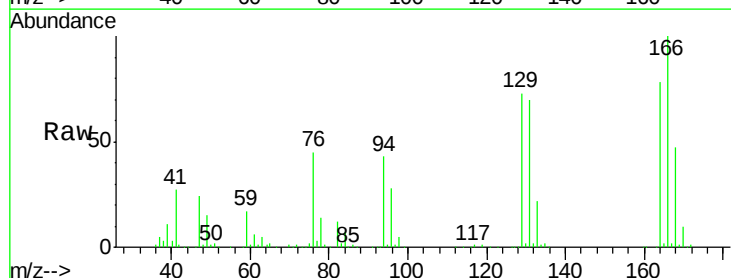


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU025274.D (-2631) (-)
Ion 118.90 (118.60 to 119.60): V

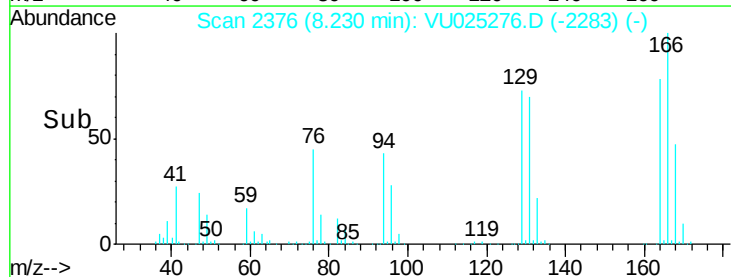
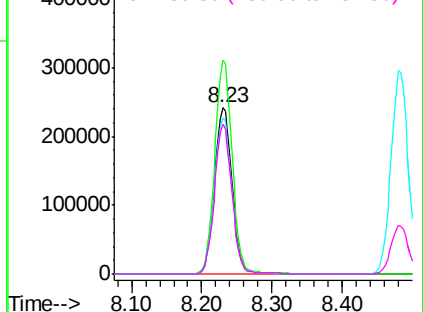


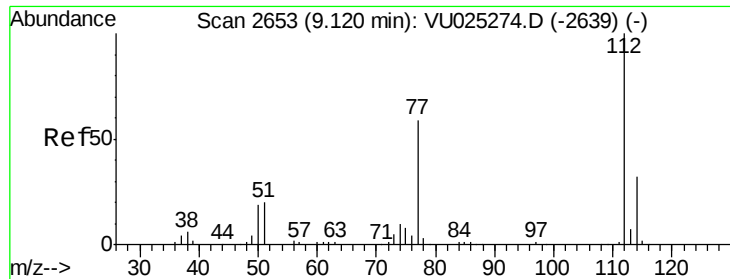
#64
Tetrachloroethene
Concen: 145.619 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025276.D
Acq: 09 Jul 2018 16:12

Tgt Ion:164 Resp: 413842
Ion Ratio Lower Upper
164 100
166 128.4 101.1 151.7
129 93.6 73.0 109.6
131 89.8 72.1 108.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): VU025274.D (-2363) (-)
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 151.832 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

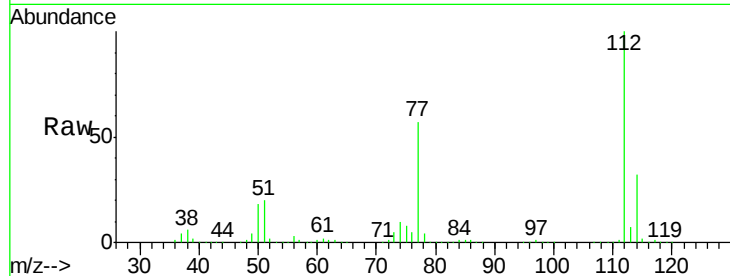
VSTDIC150

Tgt Ion:112 Resp: 1182521

Ion Ratio Lower Upper

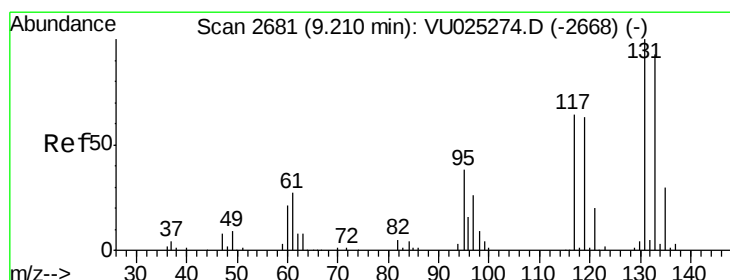
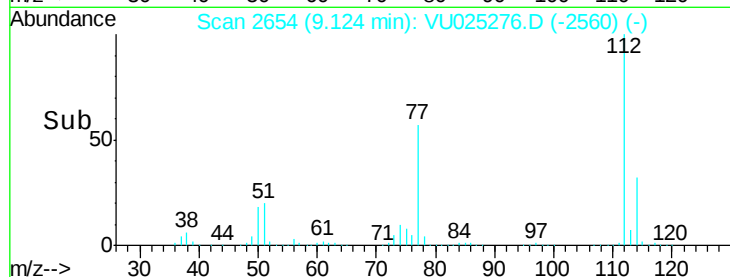
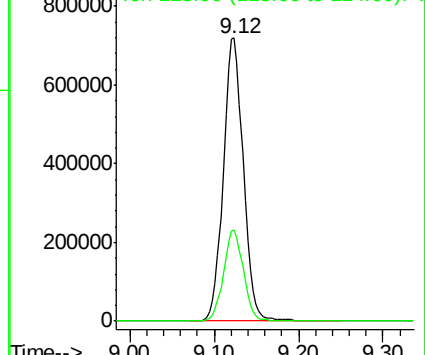
112 100

114 32.3 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 159.718 ug/l

RT: 9.21 min Scan# 2682

Delta R.T. 0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

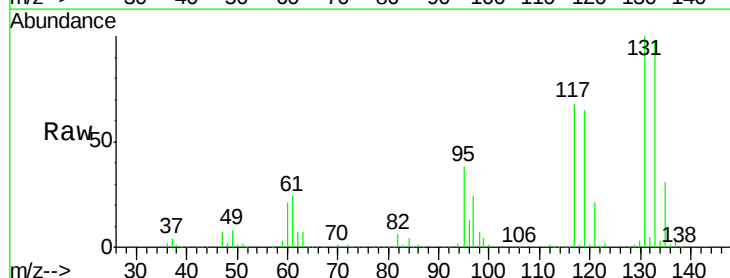
Tgt Ion:131 Resp: 444972

Ion Ratio Lower Upper

131 100

133 96.5 47.8 143.3

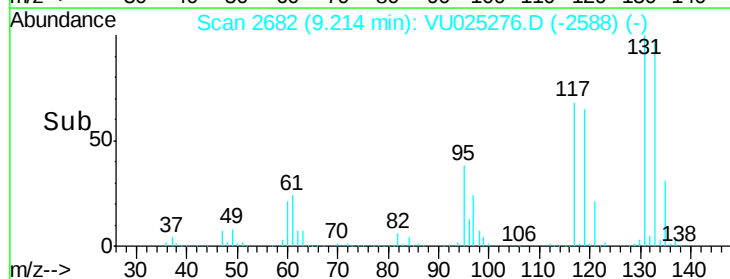
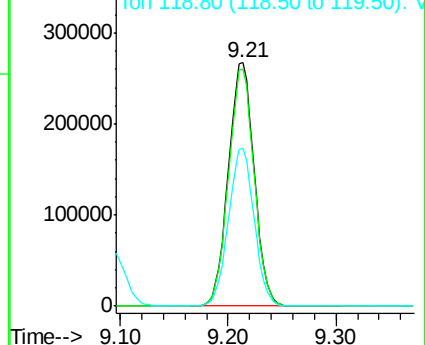
119 64.4 31.6 95.0

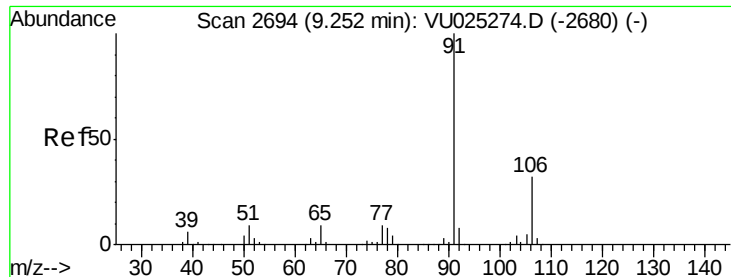


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

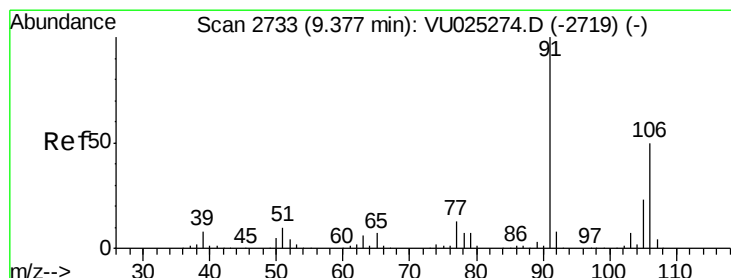
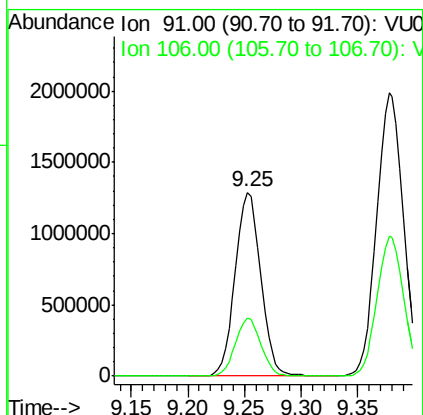
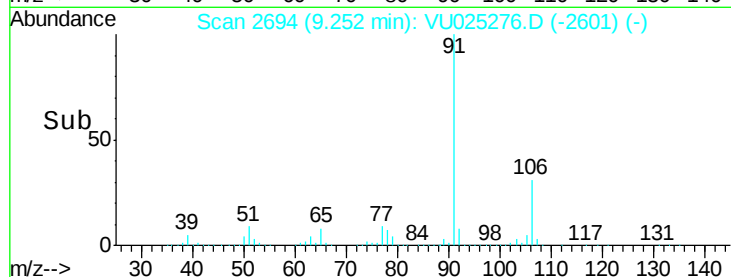
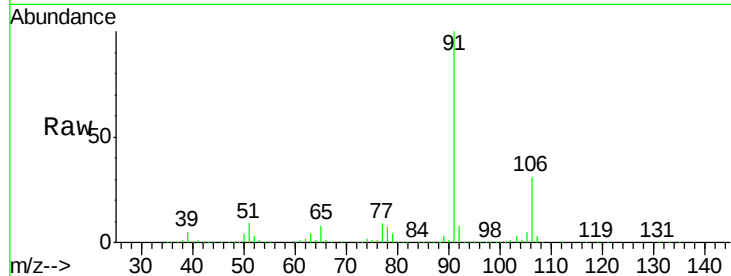




#67
Ethyl Benzene
Concen: 154.254 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025276.D
Acq: 09 Jul 2018 16:12

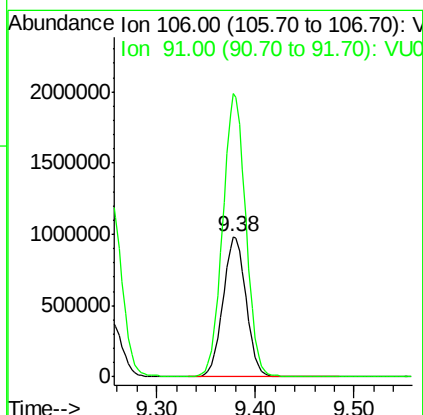
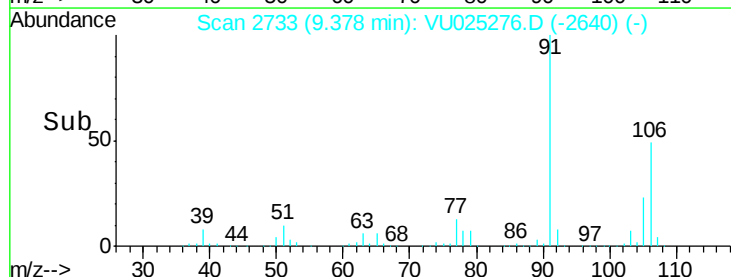
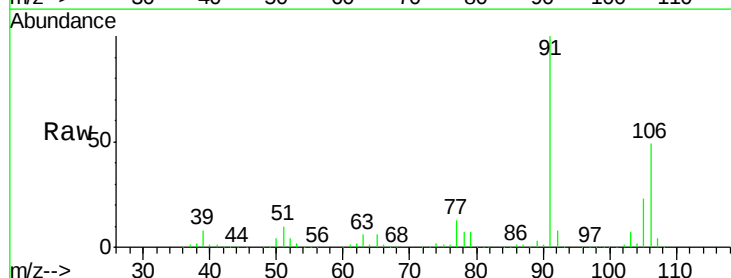
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

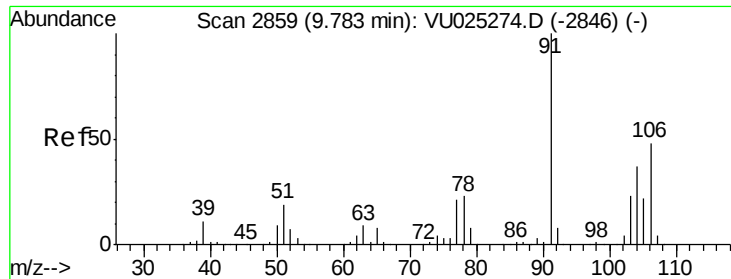
Tgt Ion: 91 Resp: 2048175
Ion Ratio Lower Upper
91 100
106 31.3 25.3 37.9



#68
m/p-Xylenes
Concen: 315.252 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025276.D
Acq: 09 Jul 2018 16:12

Tgt Ion: 106 Resp: 1618312
Ion Ratio Lower Upper
106 100
91 201.7 162.3 243.5

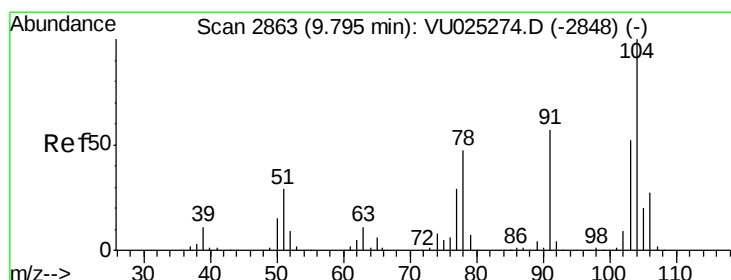
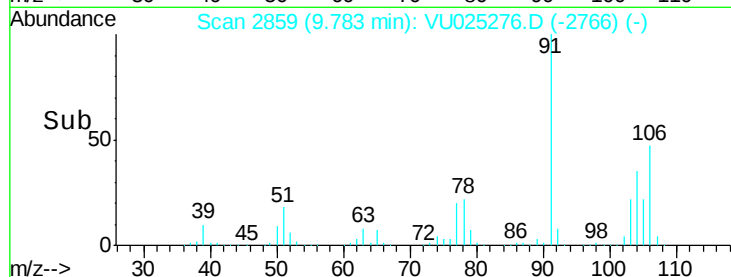
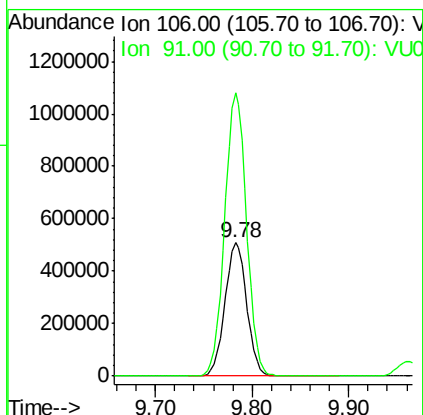
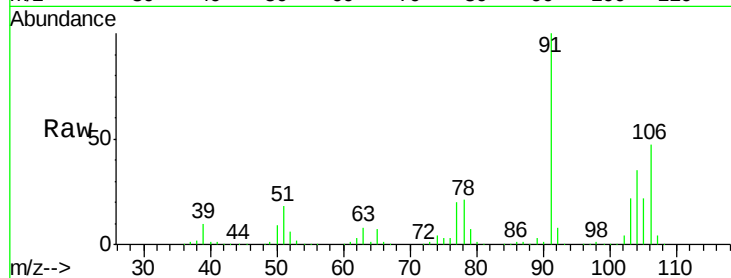




#69
o-Xylene
Concen: 154.481 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025276.D
Acq: 09 Jul 2018 16:12

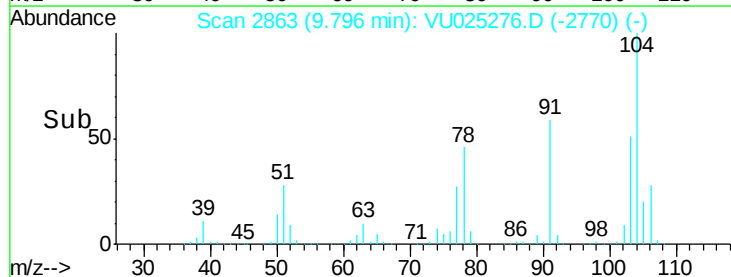
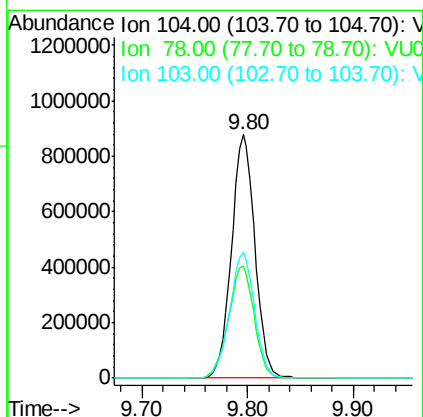
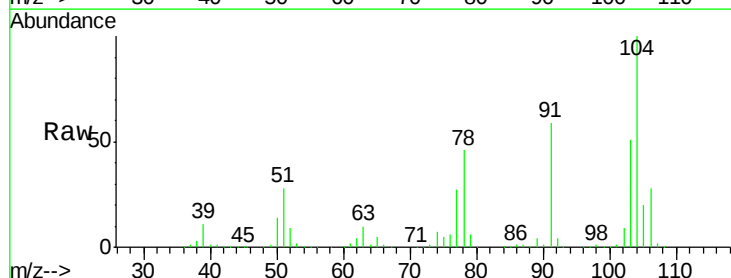
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

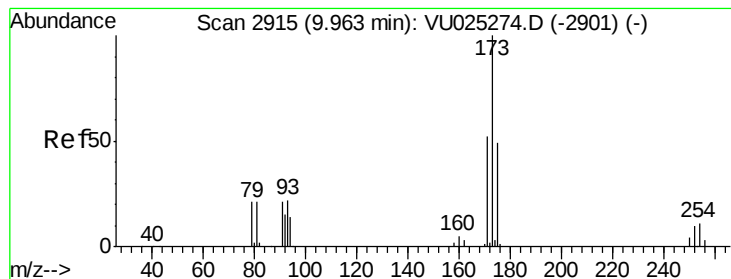
Tgt Ion:106 Resp: 793935
Ion Ratio Lower Upper
106 100
91 213.1 105.3 315.8



#70
Styrene
Concen: 164.772 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025276.D
Acq: 09 Jul 2018 16:12

Tgt Ion:104 Resp: 1345129
Ion Ratio Lower Upper
104 100
78 50.3 41.6 62.4
103 55.1 44.6 66.8





#71

Bromoform

Concen: 183.984 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

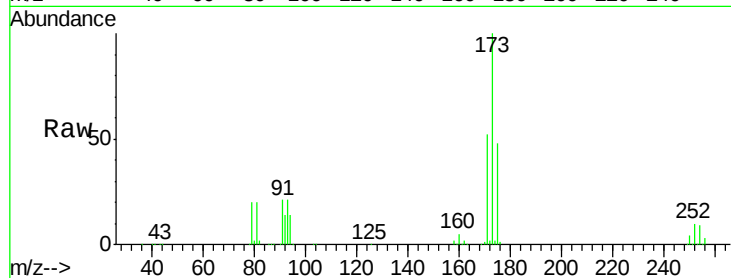
Tgt Ion:173 Resp: 443294

Ion Ratio Lower Upper

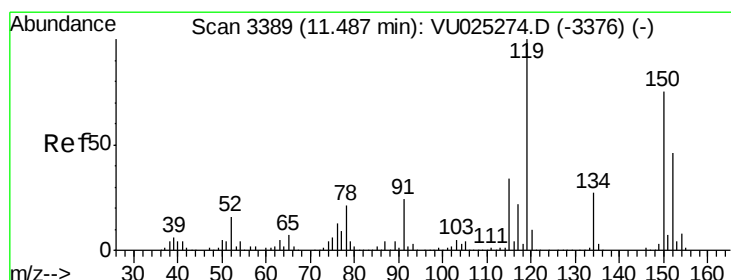
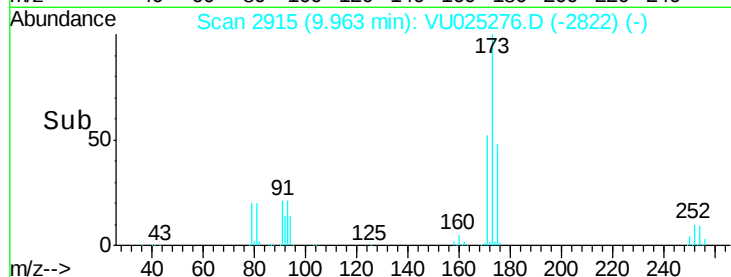
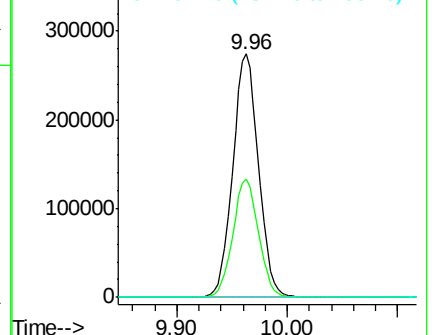
173 100

175 48.5 24.0 72.0

254 0.1 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: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

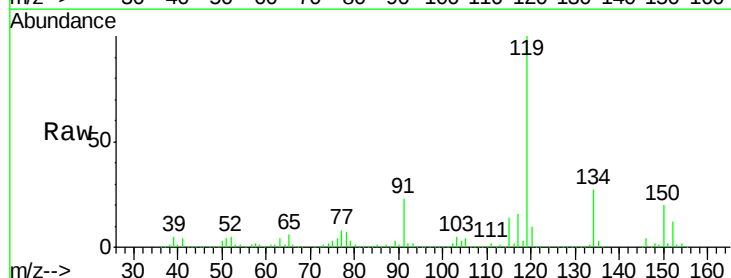
Tgt Ion:152 Resp: 207711

Ion Ratio Lower Upper

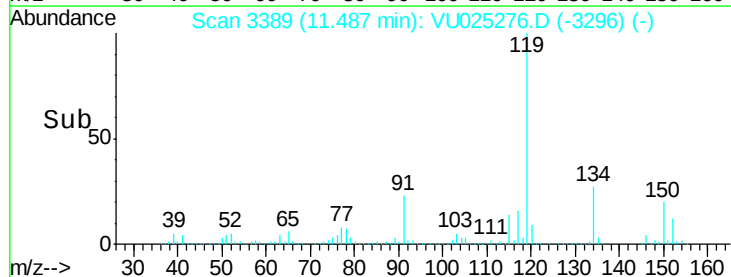
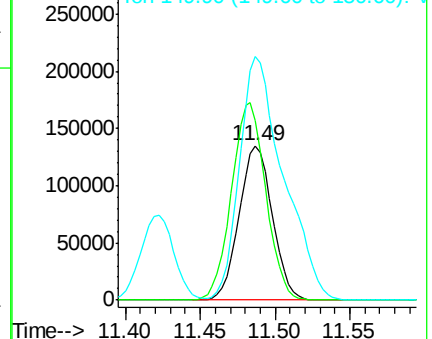
152 100

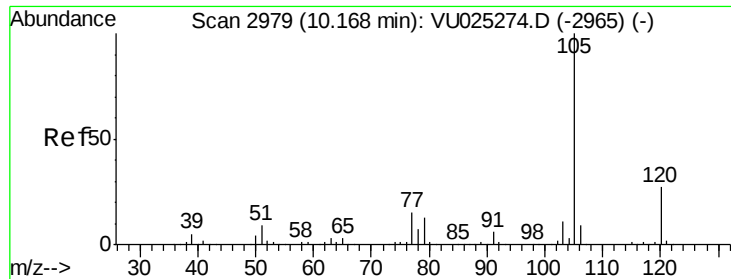
115 132.8 40.1 120.3#

150 210.1 0.0 351.4



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: 136.846 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

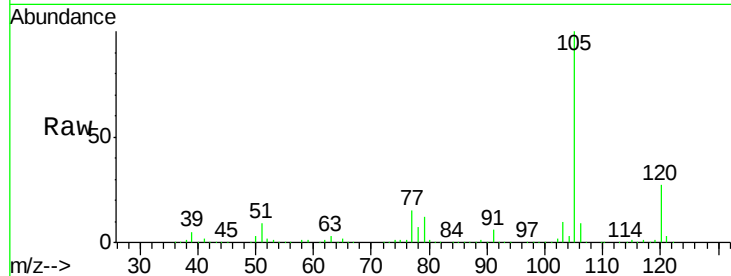
VSTDIC150

Tgt Ion:105 Resp: 2171791

Ion Ratio Lower Upper

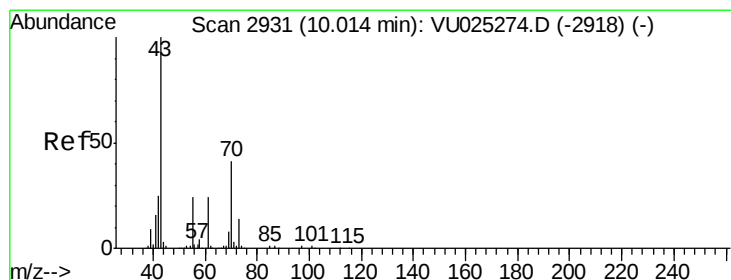
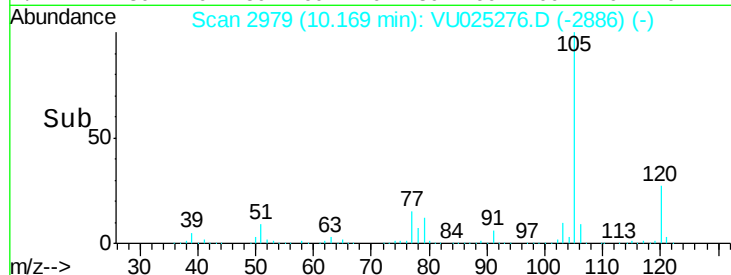
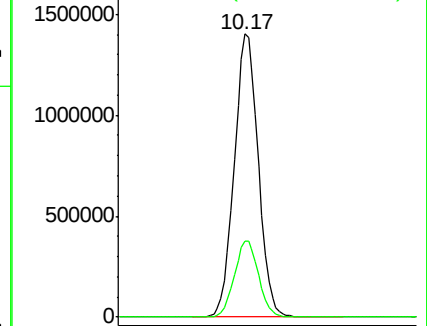
105 100

120 27.2 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 143.441 ug/l

RT: 10.02 min Scan# 2932

Delta R.T. 0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

Tgt Ion: 43 Resp: 988232

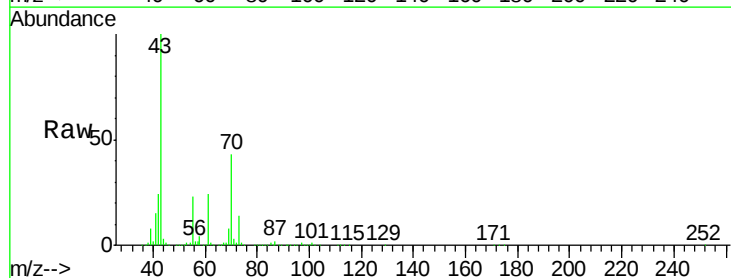
Ion Ratio Lower Upper

43 100

70 42.2 33.4 50.2

55 23.6 19.0 28.6

61 24.3 19.3 28.9

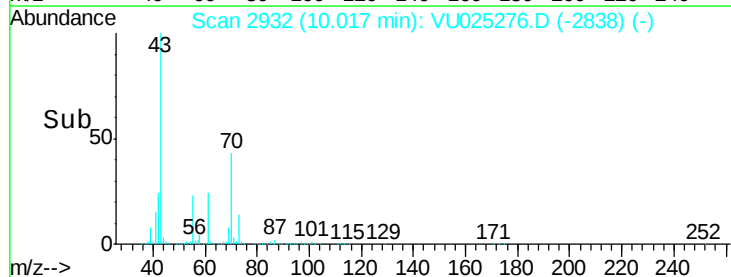
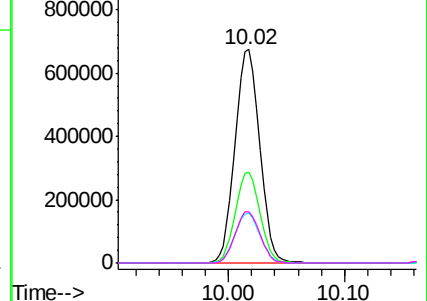


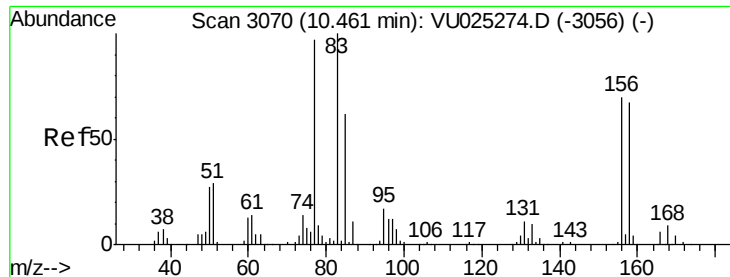
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 142.778 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

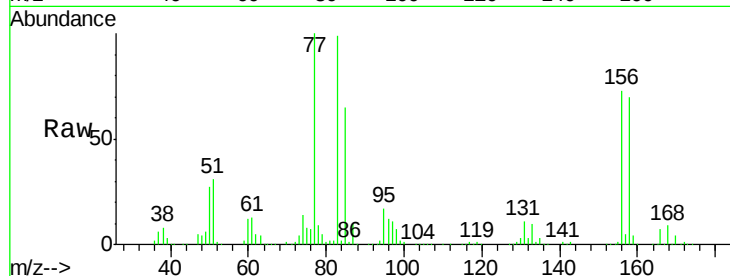
Tgt Ion: 83 Resp: 741322

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.4

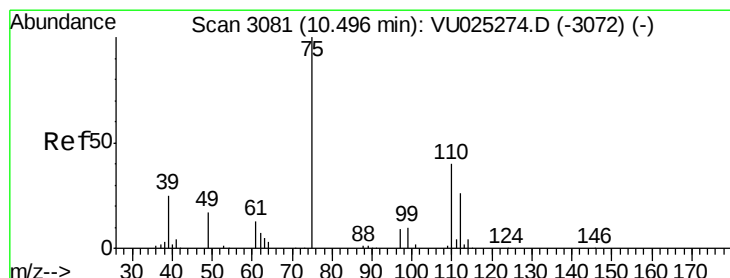
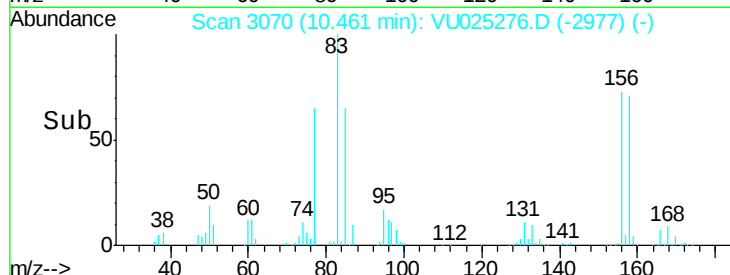
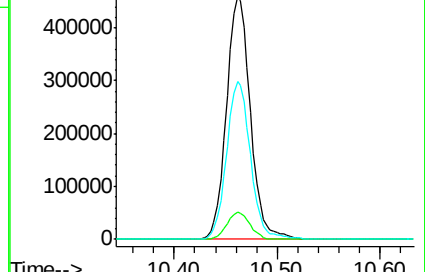
85 65.2 31.6 94.8



Abundance Ion 82.90 (82.60 to 83.60): VU025274.D (-3056) (-)

Ion 130.80 (130.50 to 131.50): VU025274.D (-3056) (-)

Ion 84.90 (84.60 to 85.60): VU025274.D (-3056) (-)



#76

1,2,3-Trichloropropane

Concen: 193.272 ug/l

RT: 10.50 min Scan# 3082

Delta R.T. 0.00 min

Lab File: VU025276.D

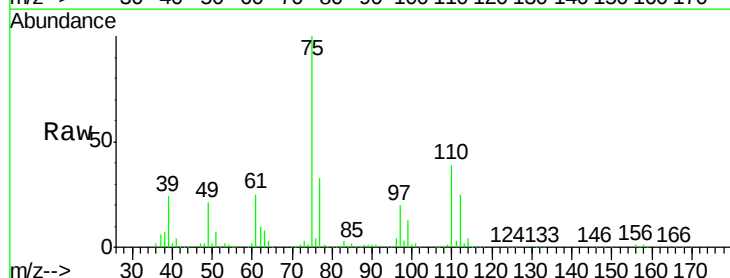
Acq: 09 Jul 2018 16:12

Tgt Ion: 75 Resp: 905558

Ion Ratio Lower Upper

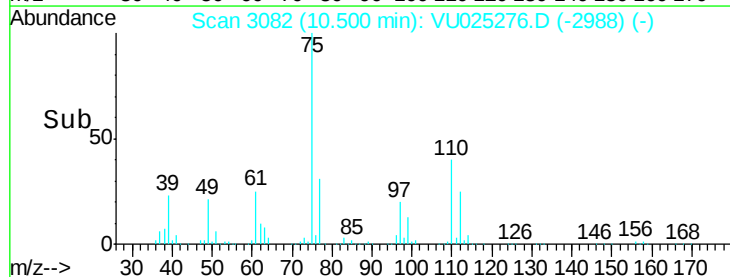
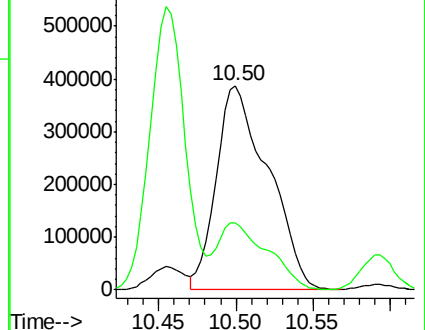
75 100

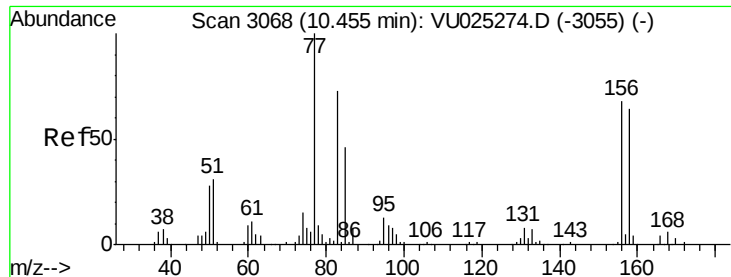
77 30.8 20.4 61.3



Abundance Ion 74.90 (74.60 to 75.60): VU025274.D (-3072) (-)

Ion 77.00 (76.70 to 77.70): VU025274.D (-3072) (-)





#77

Bromobenzene

Concen: 144.116 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

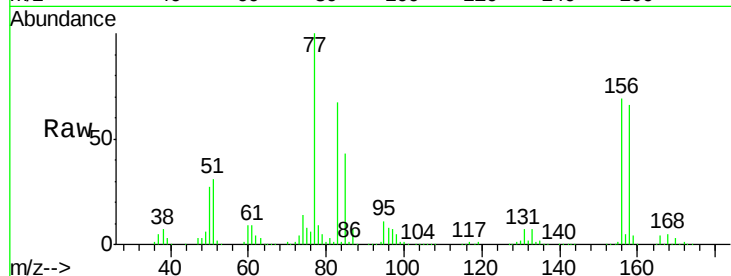
Tgt Ion:156 Resp: 585131

Ion Ratio Lower Upper

156 100

77 144.1 73.8 221.4

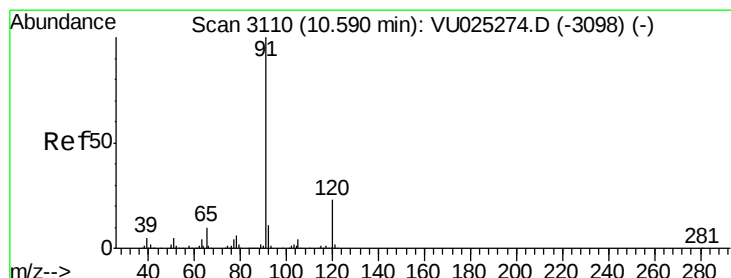
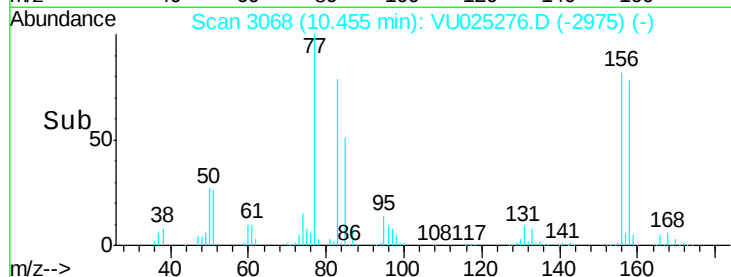
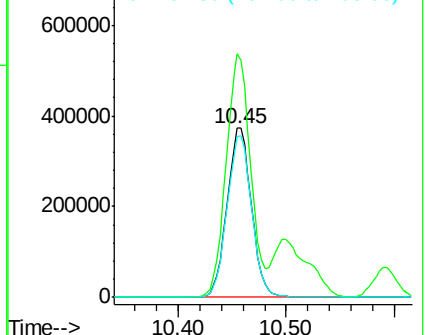
158 96.8 48.0 144.0



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: 145.566 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU025276.D

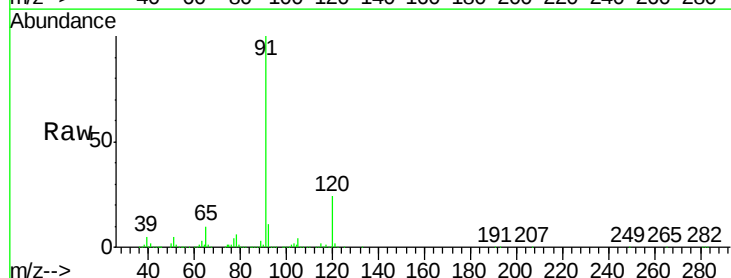
Acq: 09 Jul 2018 16:12

Tgt Ion: 91 Resp: 2563517

Ion Ratio Lower Upper

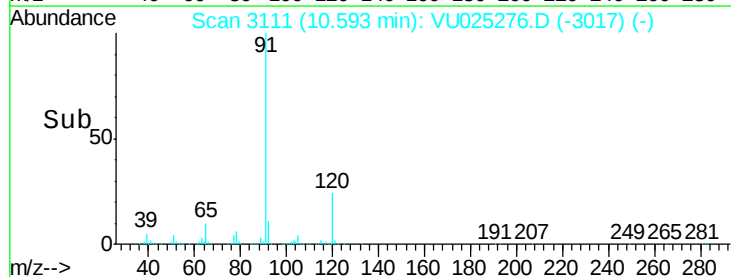
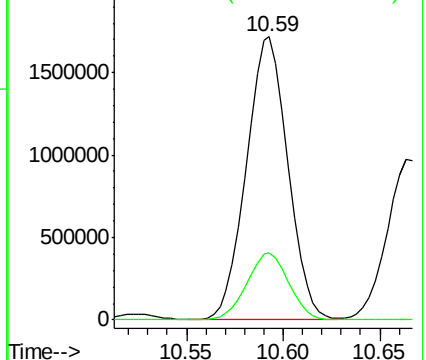
91 100

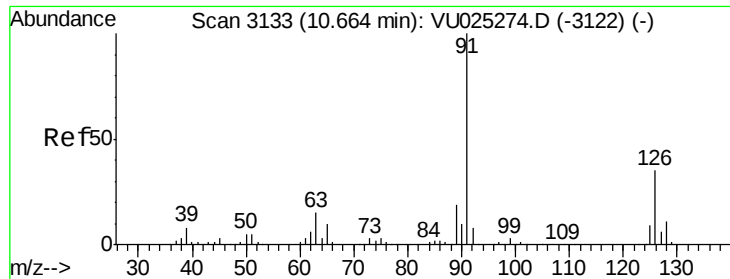
120 23.9 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

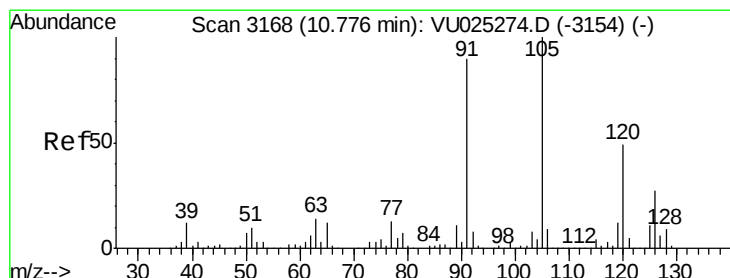
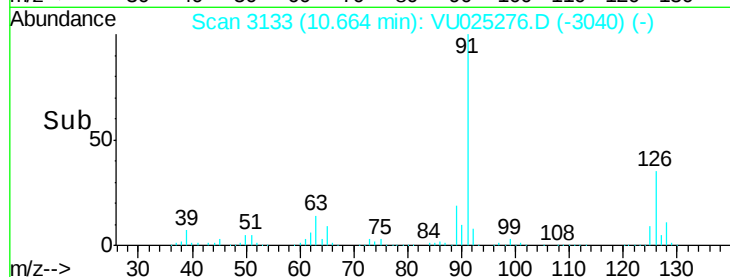
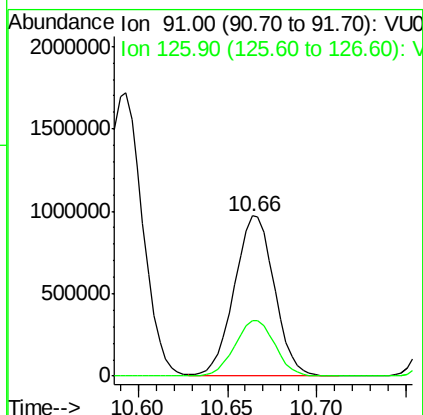
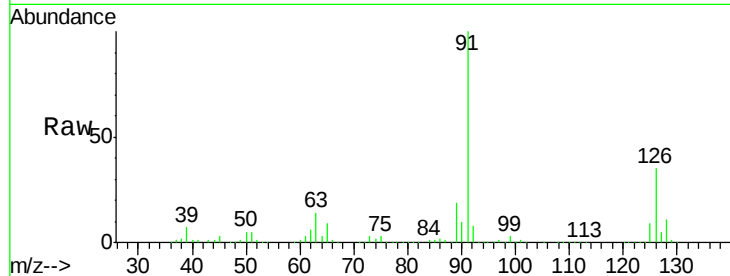




#79
 2-Chlorotoluene
 Concen: 136.862 ug/l
 RT: 10.66 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: VU025276.D
 Acq: 09 Jul 2018 16:12

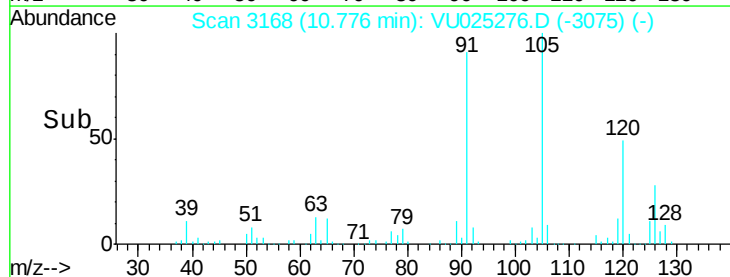
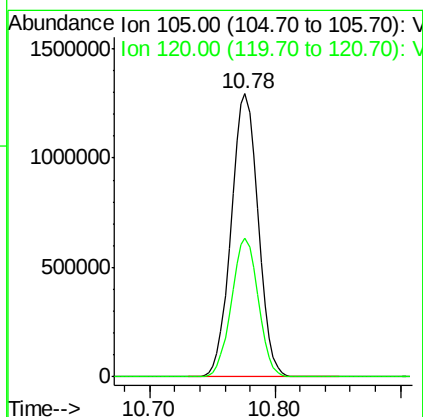
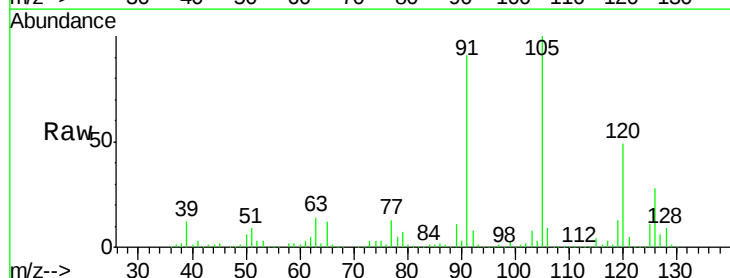
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

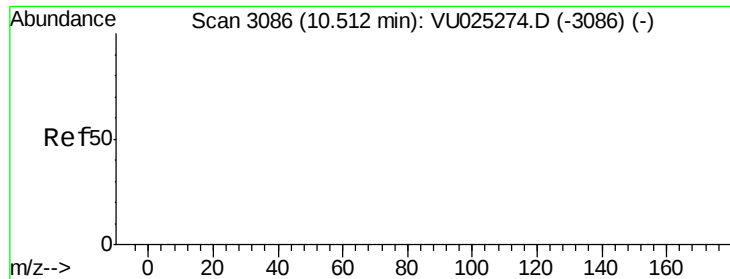
Tgt Ion: 91 Resp: 1508387
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 144.425 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: VU025276.D
 Acq: 09 Jul 2018 16:12

Tgt Ion: 105 Resp: 1928659
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 530.583 ug/l

RT: 10.50 min Scan# 3082

Delta R.T. -0.01 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

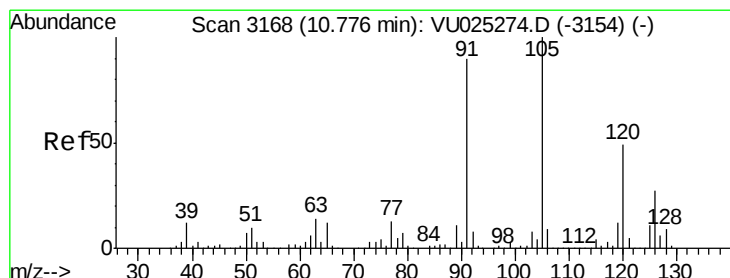
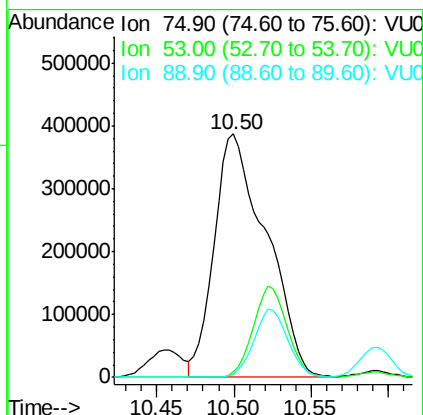
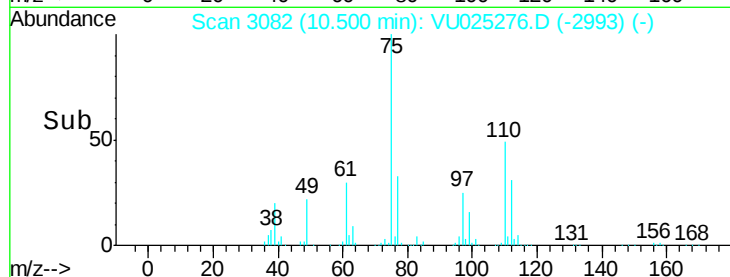
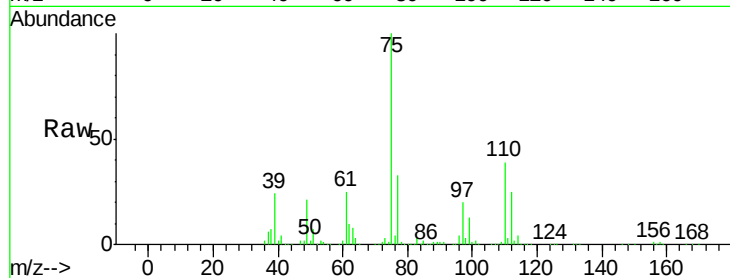
Tgt Ion: 75 Resp: 905558

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 144.559 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025276.D

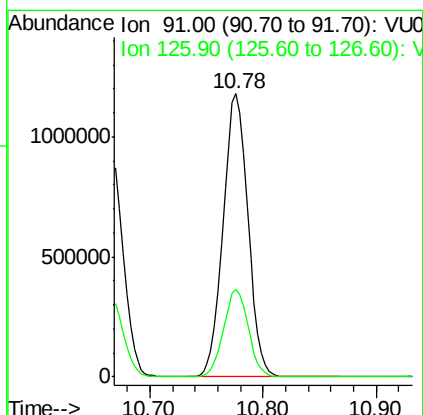
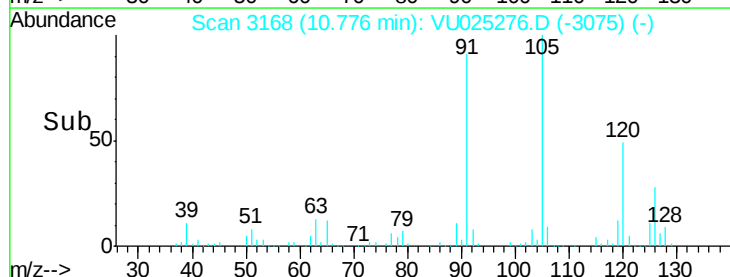
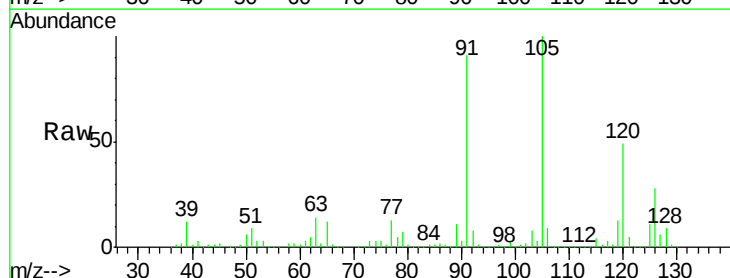
Acq: 09 Jul 2018 16:12

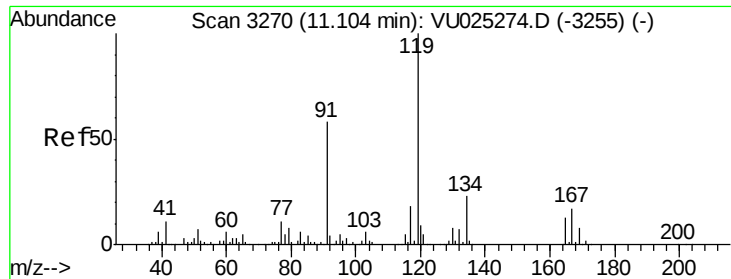
Tgt Ion: 91 Resp: 1802637

Ion Ratio Lower Upper

91 100

126 30.8 15.3 45.9

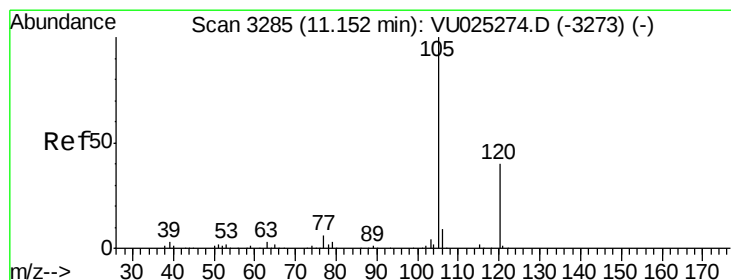
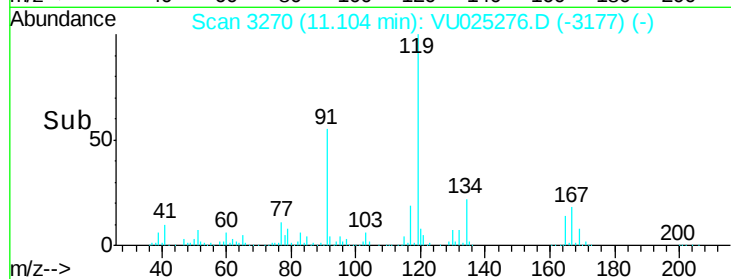
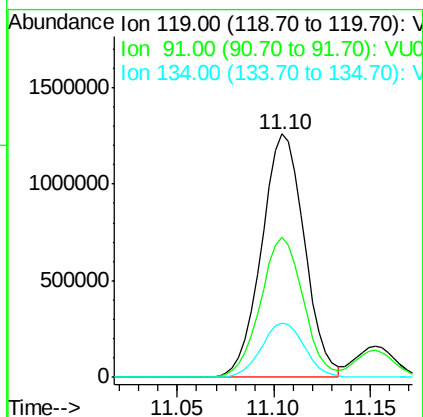
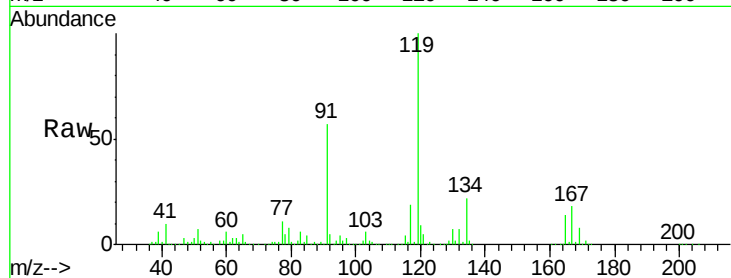




#83
 tert-Butylbenzene
 Concen: 143.494 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025276.D
 Acq: 09 Jul 2018 16:12

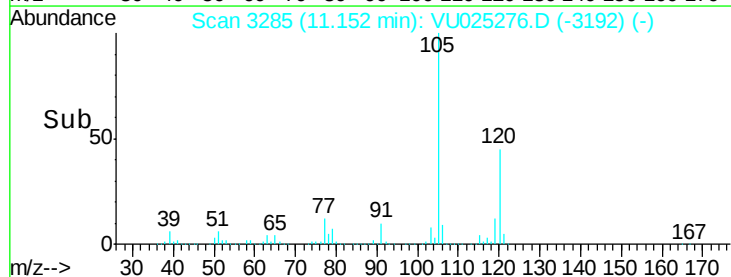
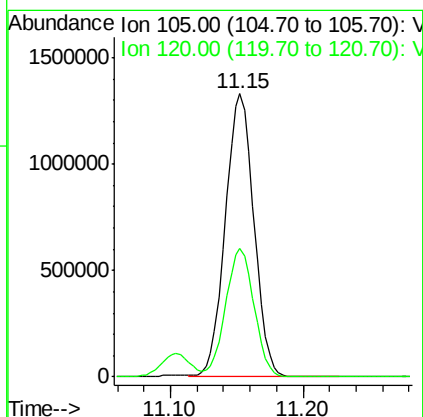
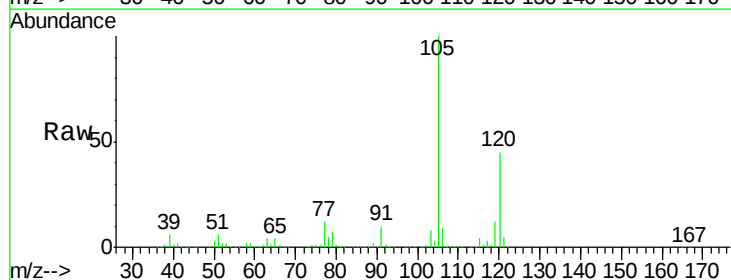
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

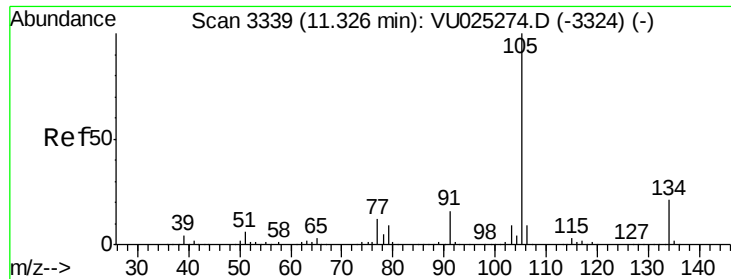
Tgt Ion:119 Resp: 1936379
 Ion Ratio Lower Upper
 119 100
 91 57.2 29.7 89.1
 134 22.5 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 145.201 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025276.D
 Acq: 09 Jul 2018 16:12

Tgt Ion:105 Resp: 1987252
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.3 66.8

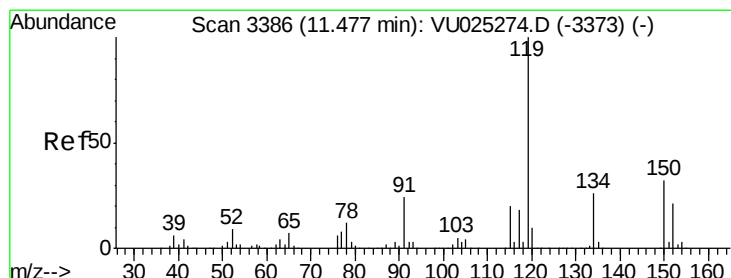
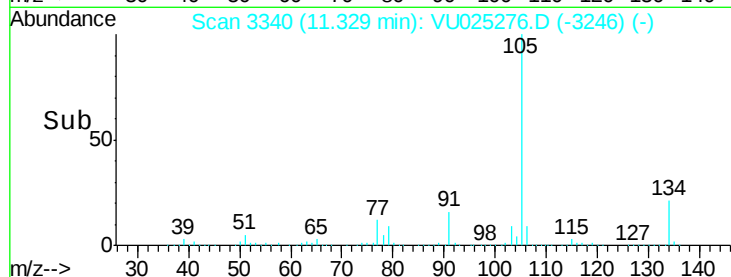
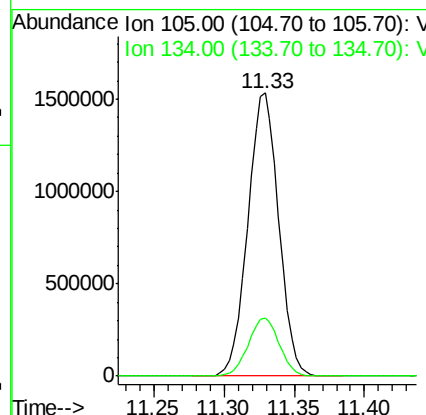
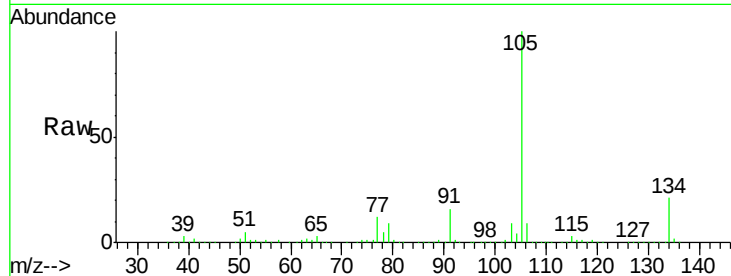




#85
 sec-Butylbenzene
 Concen: 147.613 ug/l
 RT: 11.33 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VU025276.D
 Acq: 09 Jul 2018 16:12

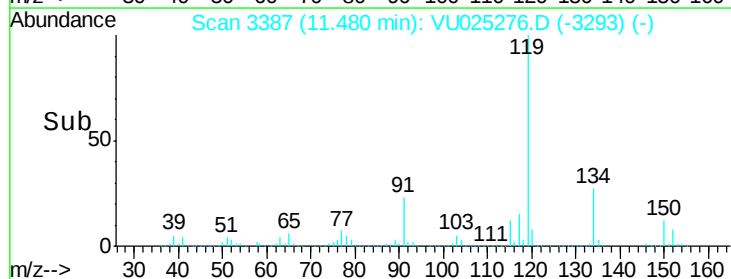
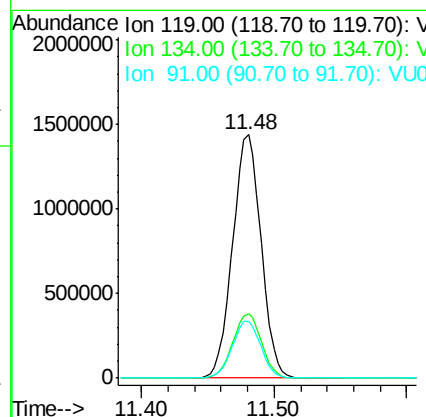
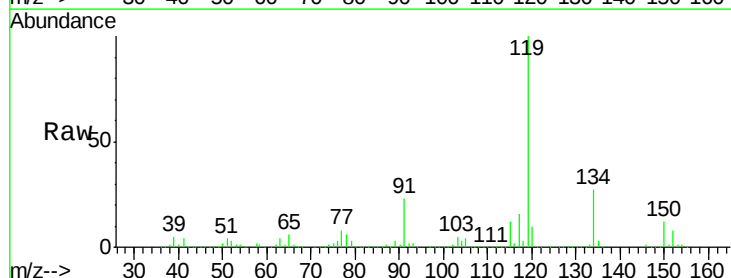
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

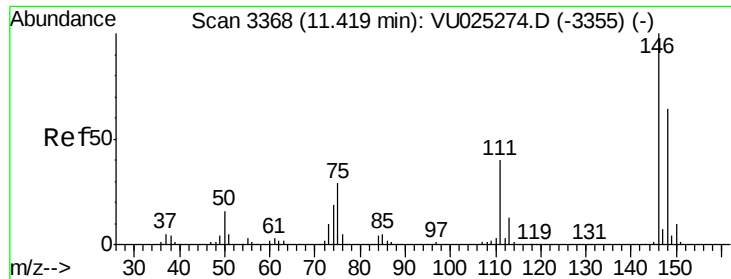
Tgt Ion:105 Resp: 2345429
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 152.355 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU025276.D
 Acq: 09 Jul 2018 16:12

Tgt Ion:119 Resp: 2143469
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.2 39.5
 91 23.4 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 147.995 ug/l

RT: 11.42 min Scan# 3369

Delta R.T. 0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

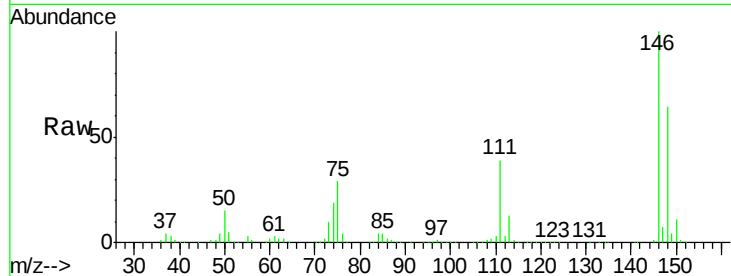
Tgt Ion:146 Resp: 1098136

Ion Ratio Lower Upper

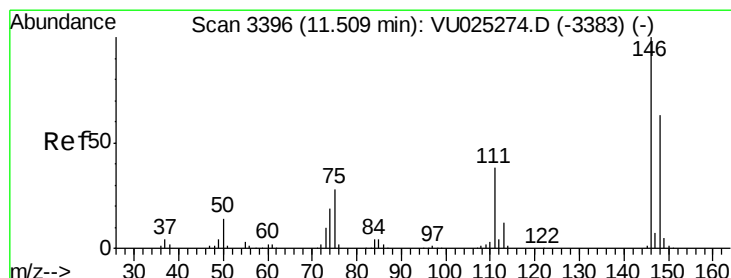
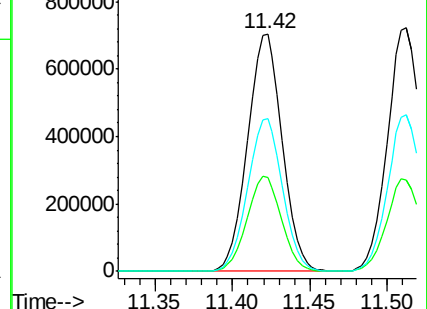
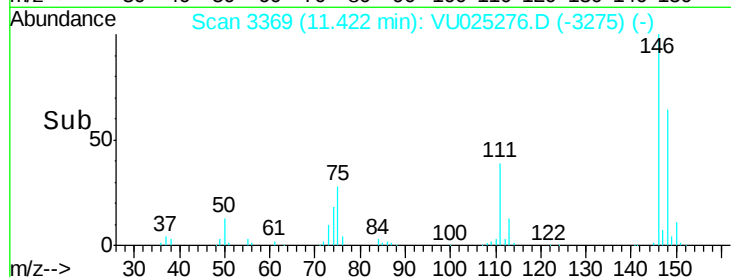
146 100

111 39.6 19.7 59.1

148 64.5 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 145.593 ug/l

RT: 11.51 min Scan# 3397

Delta R.T. 0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

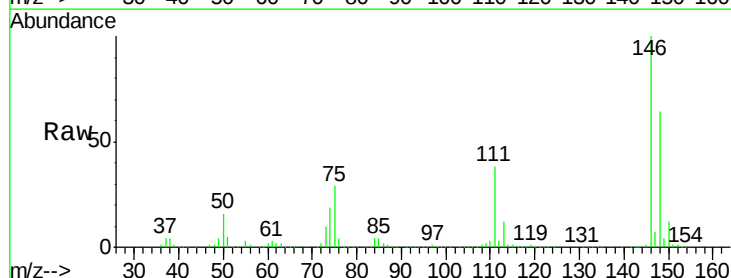
Tgt Ion:146 Resp: 1109586

Ion Ratio Lower Upper

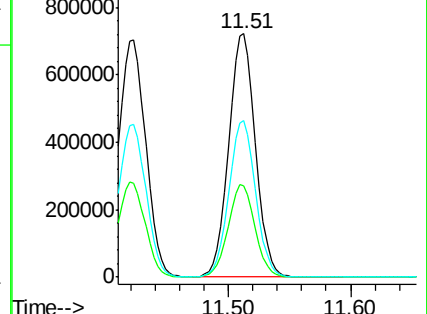
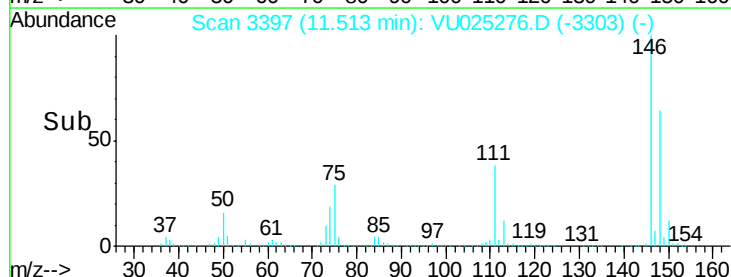
146 100

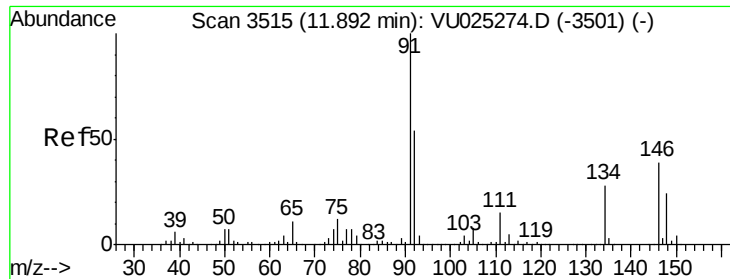
111 38.1 19.4 58.1

148 64.2 31.7 95.1



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





#89

n-Butylbenzene

Concen: 164.507 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

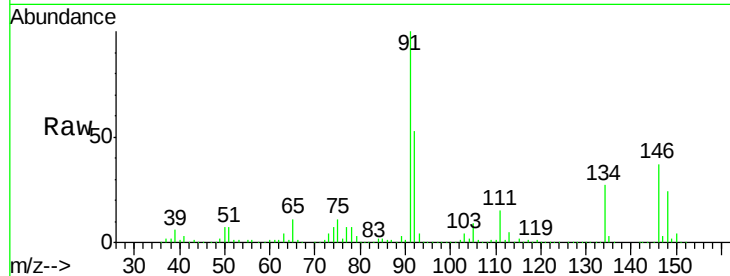
Tgt Ion: 91 Resp: 1902570

Ion Ratio Lower Upper

91 100

92 53.2 26.5 79.5

134 27.3 13.6 40.7

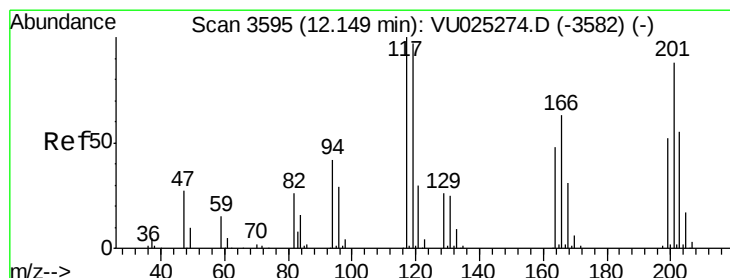
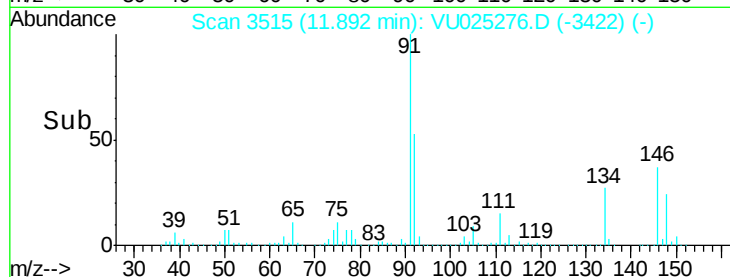


Abundance Ion 91.00 (90.70 to 91.70): VU025276.D (-3501) (-)

Ion 92.00 (91.70 to 92.70): VU025276.D (-3501) (-)

Ion 134.00 (133.70 to 134.70): VU025276.D (-3501) (-)

Time-->



#90

Hexachloroethane

Concen: 162.030 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025276.D

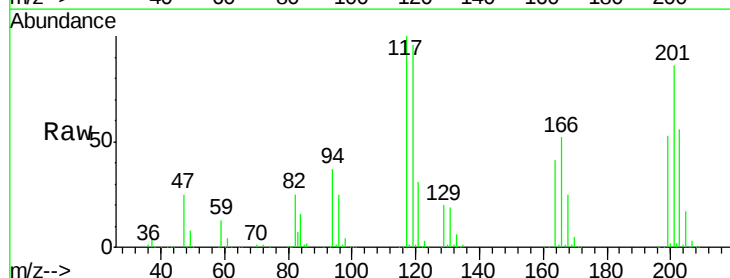
Acq: 09 Jul 2018 16:12

Tgt Ion: 117 Resp: 385994

Ion Ratio Lower Upper

117 100

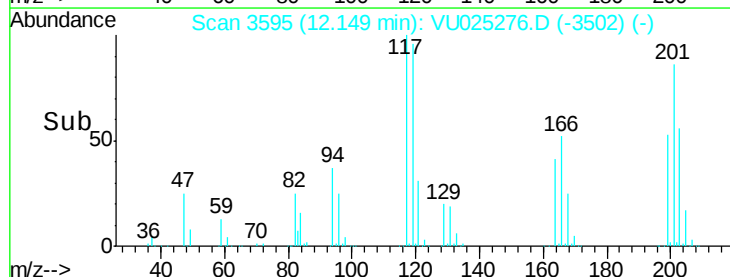
201 87.3 42.5 127.6

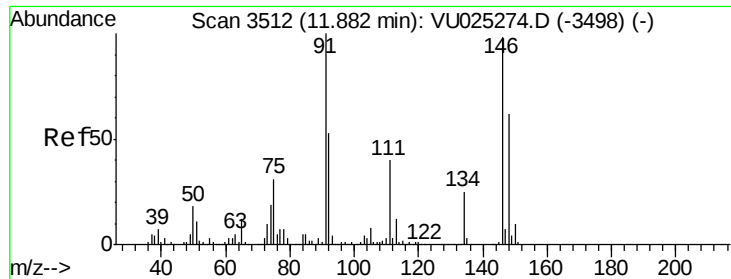


Abundance Ion 116.80 (116.50 to 117.50): VU025276.D (-3582) (-)

Ion 200.70 (200.40 to 201.40): VU025276.D (-3582) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 146.505 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

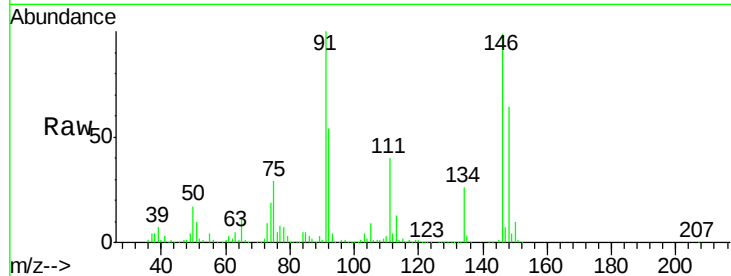
Tgt Ion:146 Resp: 1097873

Ion Ratio Lower Upper

146 100

111 40.6 20.6 61.8

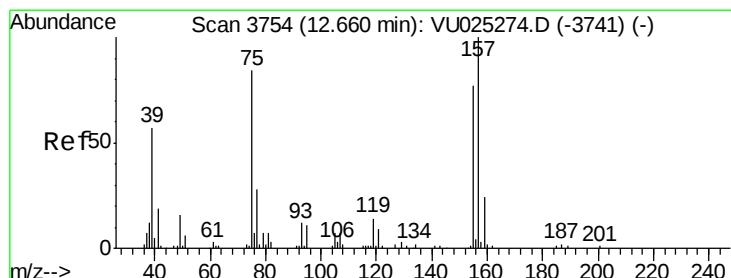
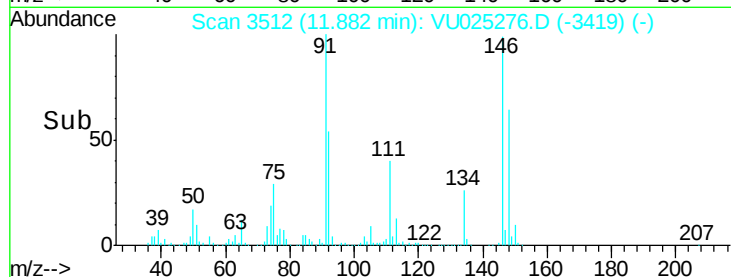
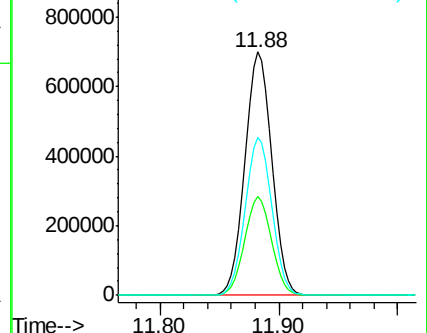
148 64.3 31.5 94.5



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: 151.343 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

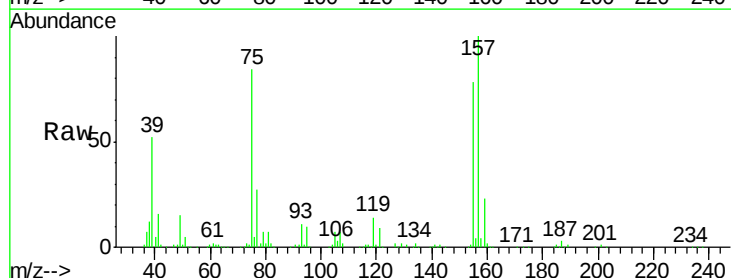
Tgt Ion: 75 Resp: 190586

Ion Ratio Lower Upper

75 100

155 90.6 44.5 133.3

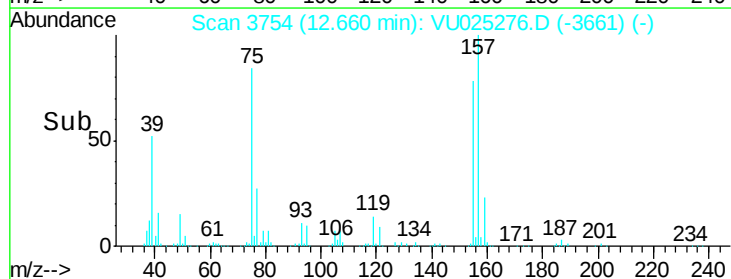
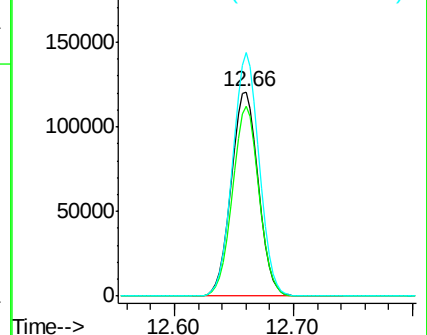
157 116.5 57.0 170.8

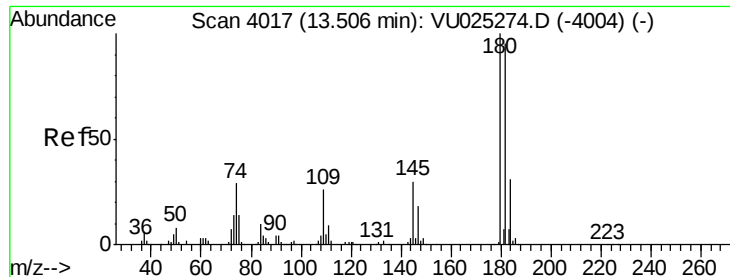


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

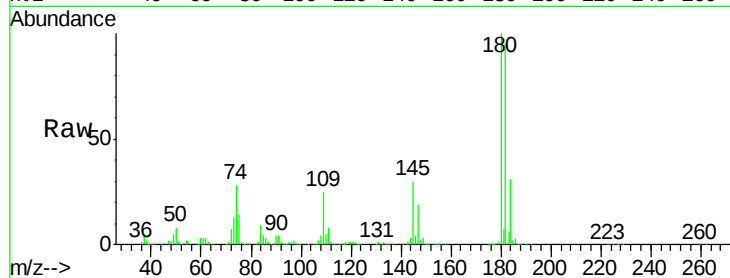




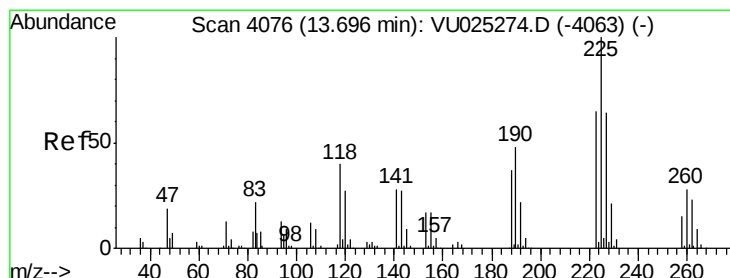
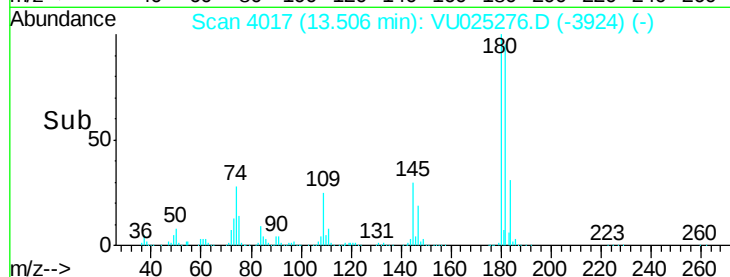
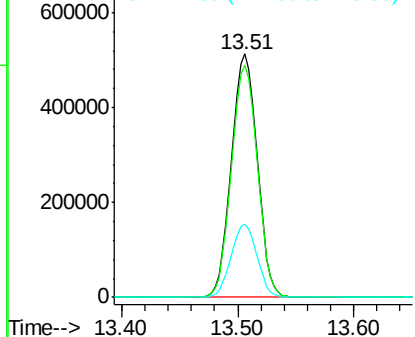
#93
 1,2,4-Trichlorobenzene
 Concen: 160.502 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025276.D
 Acq: 09 Jul 2018 16:12

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 788036
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.3 141.9
 145 29.9 14.9 44.7

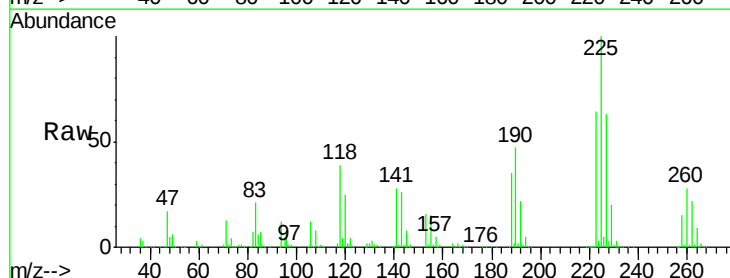


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

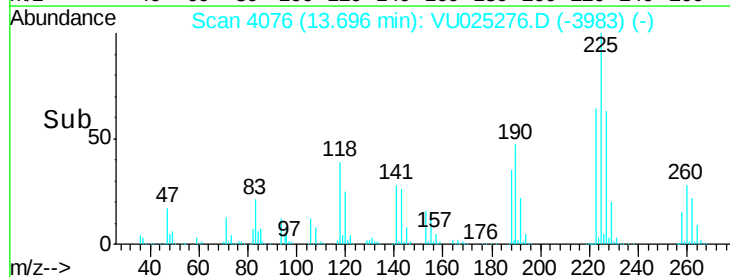
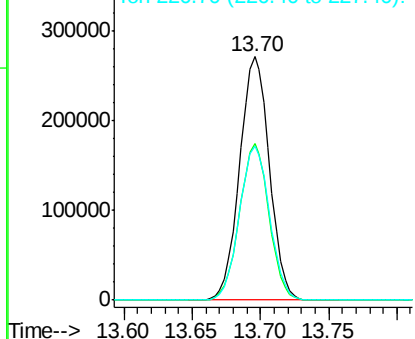


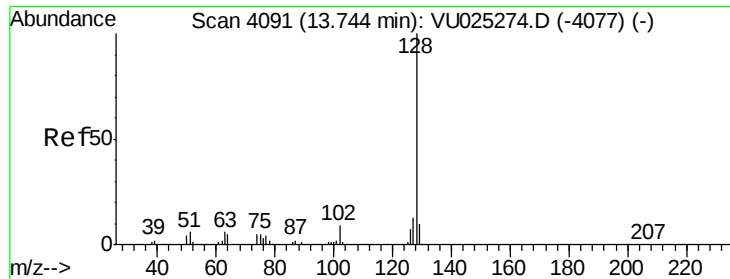
#94
 Hexachlorobutadiene
 Concen: 153.299 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025276.D
 Acq: 09 Jul 2018 16:12

Tgt Ion:225 Resp: 410863
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.9 95.7
 227 64.3 32.3 96.9



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





#95

Naphthalene

Concen: 138.904 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

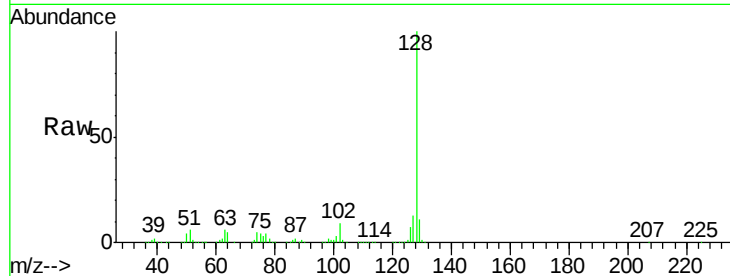
Tgt Ion:128 Resp: 2346290

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

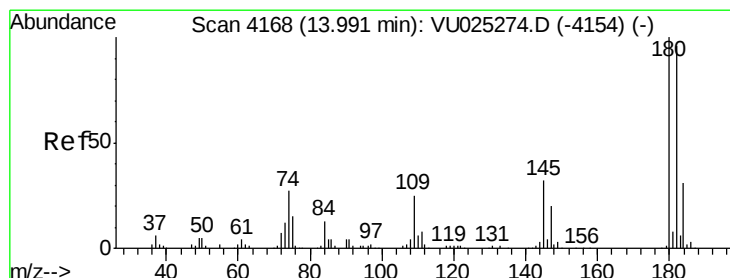
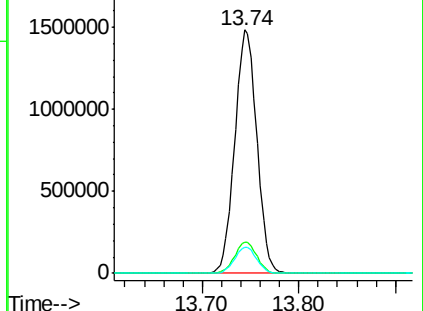
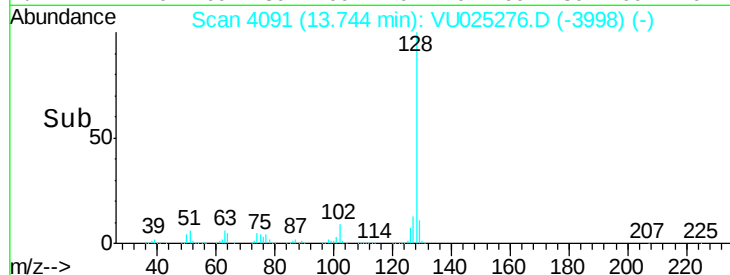
129 10.9 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 148.471 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU025276.D

Acq: 09 Jul 2018 16:12

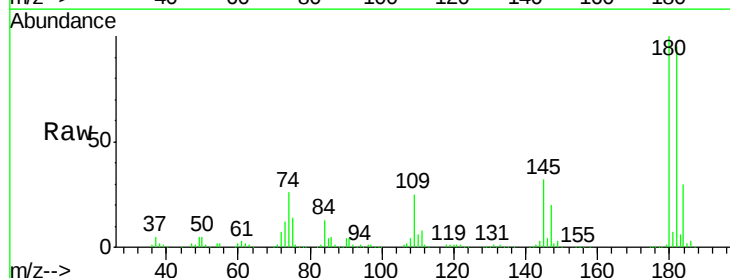
Tgt Ion:180 Resp: 786112

Ion Ratio Lower Upper

180 100

182 95.6 47.8 143.3

145 31.8 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

