

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070918\
 Data File : VU025275.D
 Acq On : 09 Jul 2018 15:47
 Operator : MD/SY
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 10 01:18:59 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	159582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	236483	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	227541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	147939	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	242425	97.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.56%	
35) Dibromofluoromethane	4.89	113	202013	101.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.52%	
50) Toluene-d8	7.57	98	683728	100.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.18%	
62) 4-Bromofluorobenzene	10.31	95	284769	103.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.08%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	171326	103.738	ug/l	98
3) Chloromethane	1.33	50	169993	90.960	ug/l	100
4) Vinyl Chloride	1.40	62	186964	103.019	ug/l	99
5) Bromomethane	1.61	94	92220	69.556	ug/l	96
6) Chloroethane	1.69	64	121942	96.410	ug/l	98
7) Trichlorofluoromethane	1.88	101	296108	103.816	ug/l	99
8) Diethyl Ether	2.10	74	112839	105.424	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.28	101	186766	105.666	ug/l	99
10) Methyl Iodide	2.41	142	218717	128.039	ug/l	99
11) Tert butyl alcohol	2.84	59	280810	462.093	ug/l	99
12) 1,1-Dichloroethene	2.28	96	170493	105.397	ug/l	94
13) Acrolein	2.19	56	196102	519.646	ug/l	100
14) Allyl chloride	2.59	41	329398	112.283	ug/l	91
15) Acrylonitrile	2.94	53	569024	511.718	ug/l	100
16) Acetone	2.32	43	683946	510.859	ug/l	99
17) Carbon Disulfide	2.48	76	499446	99.673	ug/l	99
18) Methyl Acetate	2.62	43	261074	102.848	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	658346	106.996	ug/l	100
20) Methylene Chloride	2.70	84	205092	93.237	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	190103	102.838	ug/l	99
22) Diisopropyl ether	3.57	45	633933	105.811	ug/l	94
23) Vinyl Acetate	3.53	43	2856605	543.527	ug/l	99
24) 1,1-Dichloroethane	3.45	63	363911	107.703	ug/l	99
25) 2-Butanone	4.26	43	899606	523.495	ug/l	99
26) 2,2-Dichloropropane	4.23	77	348311	107.213	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	221743	103.673	ug/l	99
28) Bromochloromethane	4.55	49	167106	102.419	ug/l	100
29) Tetrahydrofuran	4.64	42	522440	506.852	ug/l	100
30) Chloroform	4.68	83	382544	106.908	ug/l	99
31) Cyclohexane	5.00	56	330387	88.007	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	353956	109.150	ug/l	99
36) 1,1-Dichloropropene	5.14	75	281169	106.946	ug/l	98
37) Ethyl Acetate	4.38	43	314196	107.161	ug/l	99
38) Carbon Tetrachloride	5.14	117	318571	112.579	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070918\
 Data File : VU025275.D
 Acq On : 09 Jul 2018 15:47
 Operator : MD/SY
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 10 01:18:59 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)
39) Methylcyclohexane	6.42	83	355022	108.260	ug/l	97
40) Benzene	5.39	78	801973	105.851	ug/l	98
41) Methacrylonitrile	4.54	41	172841	106.324	ug/l	99
42) 1,2-Dichloroethane	5.41	62	319271	106.011	ug/l	100
43) Isopropyl Acetate	5.55	43	500072	106.505	ug/l	100
44) Trichloroethene	6.19	130	229438	105.466	ug/l	97
45) 1,2-Dichloropropane	6.44	63	213727	107.703	ug/l	100
46) Dibromomethane	6.56	93	153399	106.222	ug/l	99
47) Bromodichloromethane	6.76	83	296894	110.669	ug/l	98
48) Methyl methacrylate	6.63	41	252446	107.850	ug/l	99
49) 1,4-Dioxane	6.62	88	127258	2259.440	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	1605669	526.149	ug/l	99
52) Toluene	7.64	92	521465	108.183	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	334799	113.586	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	356066	113.504	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	211037	105.125	ug/l	100
56) Ethyl methacrylate	8.02	69	341524	108.924	ug/l	98
57) 1,3-Dichloropropane	8.25	76	359247	107.797	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	605845	547.563	ug/l	98
59) 2-Hexanone	8.36	43	1343168	542.615	ug/l	98
60) Dibromochloromethane	8.48	129	252862	116.633	ug/l	100
61) 1,2-Dibromoethane	8.59	107	233976	108.926	ug/l	99
64) Tetrachloroethene	8.23	164	215871	104.077	ug/l	98
65) Chlorobenzene	9.12	112	599166	105.409	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	223470	109.905	ug/l	98
67) Ethyl Benzene	9.25	91	1041496	107.474	ug/l	100
68) m/p-Xylenes	9.38	106	826702	220.658	ug/l	99
69) o-Xylene	9.78	106	401923	107.154	ug/l	98
70) Styrene	9.80	104	667154	111.975	ug/l	99
71) Bromoform	9.96	173	203423	115.682	ug/l #	99
73) Isopropylbenzene	10.17	105	1088062	96.260	ug/l	100
74) N-amyl acetate	10.01	43	487272	99.303	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	364181	98.480	ug/l	97
76) 1,2,3-Trichloropropane	10.50	75	438633	131.441	ug/l	83
77) Bromobenzene	10.45	156	285623	98.771	ug/l	99
78) n-propylbenzene	10.59	91	1274321	101.597	ug/l	100
79) 2-Chlorotoluene	10.66	91	748944	95.411	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	951588	100.049	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	438633	360.841	ug/l #	100
82) 4-Chlorotoluene	10.78	91	877043	98.749	ug/l	100
83) tert-Butylbenzene	11.10	119	941944	98.004	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	976008	100.126	ug/l	98
85) sec-Butylbenzene	11.33	105	1152050	101.801	ug/l	100
86) p-Isopropyltoluene	11.48	119	1040176	103.806	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	534865	101.207	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	540437	99.564	ug/l	99
89) n-Butylbenzene	11.89	91	914978	111.079	ug/l	100
90) Hexachloroethane	12.15	117	178443	105.170	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	550303	103.105	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	98742	110.090	ug/l	100

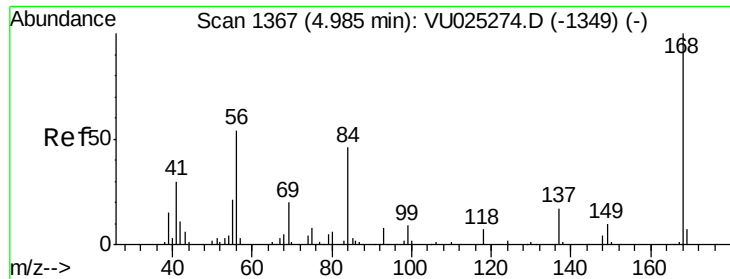
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070918\
Data File : VU025275.D
Acq On : 09 Jul 2018 15:47
Operator : MD/SY
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

Quant Time: Jul 10 01:18:59 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)
93) 1,2,4-Trichlorobenzene	13.51	180	388197	111.010	ug/l	99
94) Hexachlorobutadiene	13.70	225	208555	109.254	ug/l	99
95) Naphthalene	13.74	128	1182497	98.290	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	395349	104.837	ug/l	99

(#) = 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: VU025275.D

Acq: 09 Jul 2018 15:47

Instrument :

MSVOA_U

ClientSampleId :

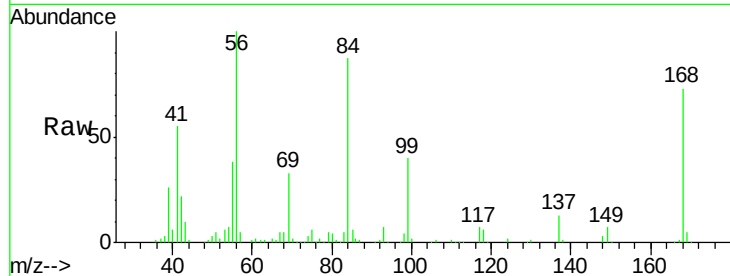
VSTDIC100

Tgt Ion:168 Resp: 159582

Ion Ratio Lower Upper

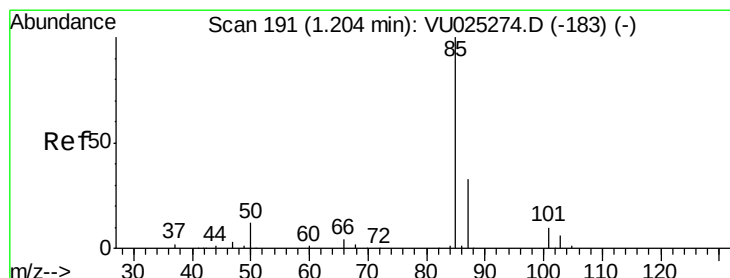
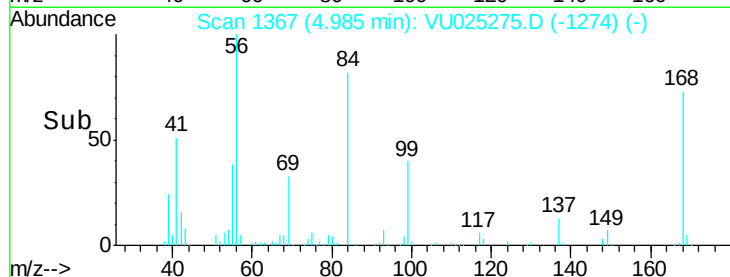
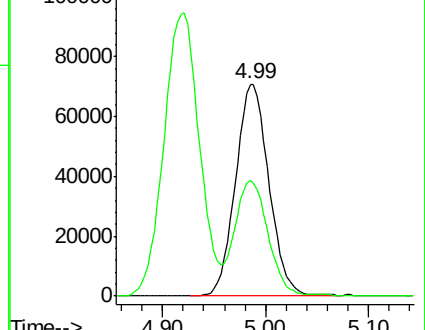
168 100

99 54.3 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025274.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025274.D (-1349) (-)



#2

Dichlorodifluoromethane

Concen: 103.738 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025275.D

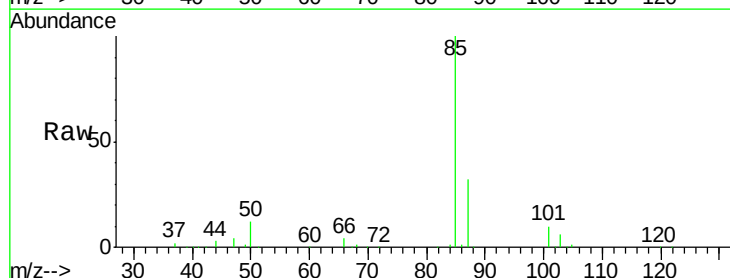
Acq: 09 Jul 2018 15:47

Tgt Ion: 85 Resp: 171326

Ion Ratio Lower Upper

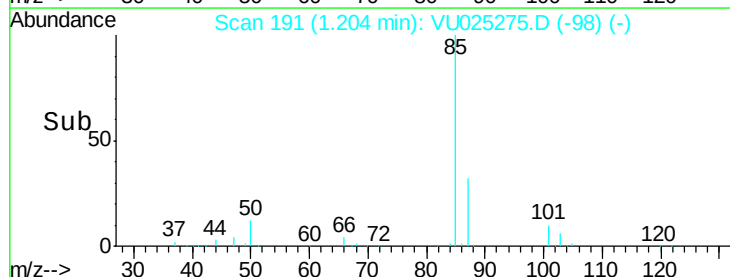
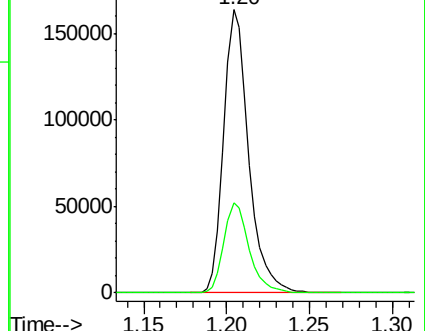
85 100

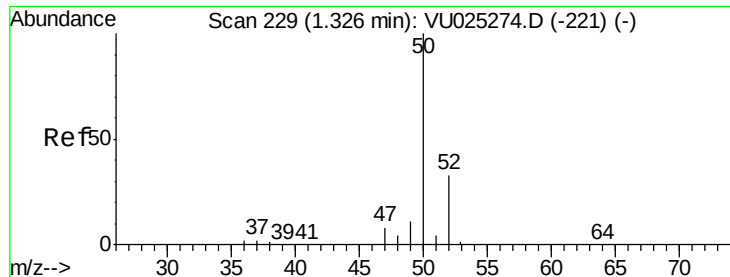
87 31.7 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU025274.D (-183) (-)

Ion 86.90 (86.60 to 87.60): VU025274.D (-183) (-)





#3

Chloromethane

Concen: 90.960 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025275.D

Acq: 09 Jul 2018 15:47

Instrument :

MSVOA_U

ClientSampleId :

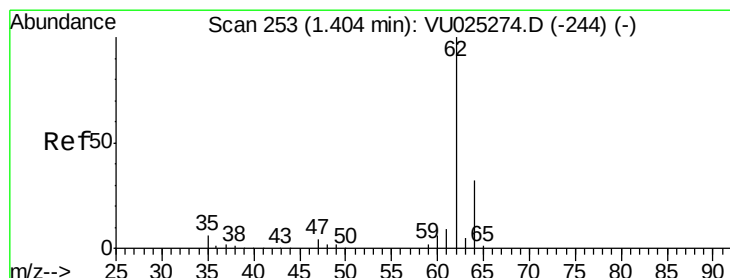
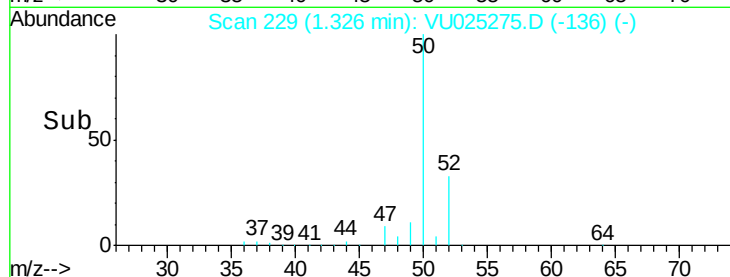
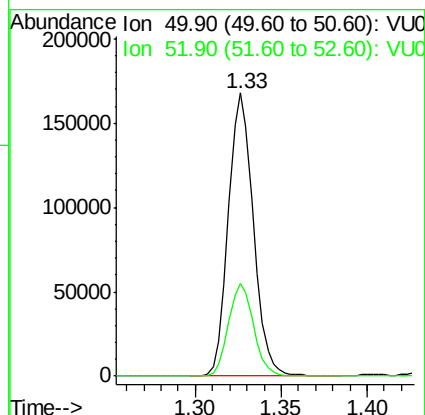
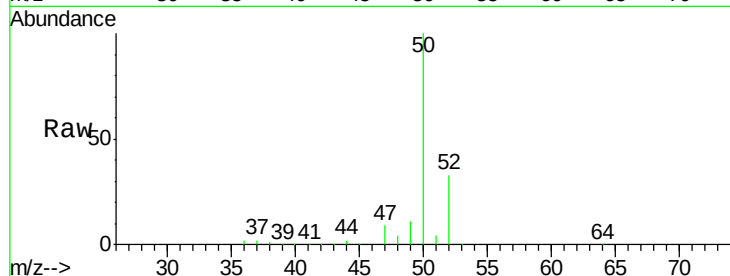
VSTDIC100

Tgt Ion: 50 Resp: 169993

Ion Ratio Lower Upper

50 100

52 32.8 26.5 39.7



#4

Vinyl Chloride

Concen: 103.019 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025275.D

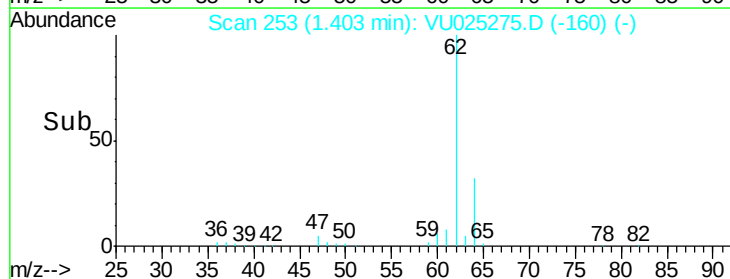
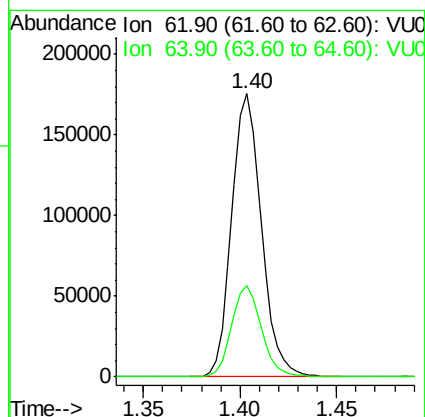
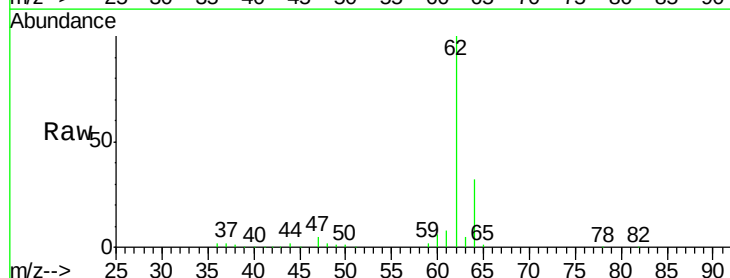
Acq: 09 Jul 2018 15:47

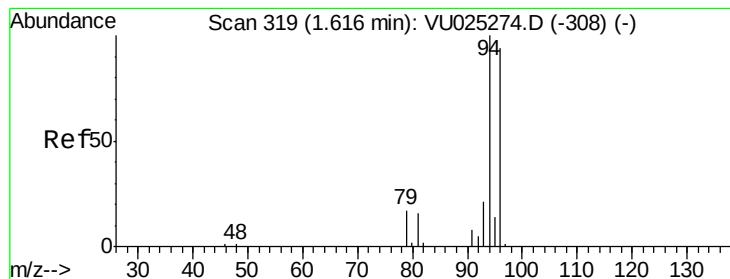
Tgt Ion: 62 Resp: 186964

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.0





#5

Bromomethane

Concen: 69.556 ug/l

RT: 1.61 min Scan# 318

Delta R.T. -0.00 min

Lab File: VU025275.D

Acq: 09 Jul 2018 15:47

Instrument :

MSVOA_U

ClientSampleId :

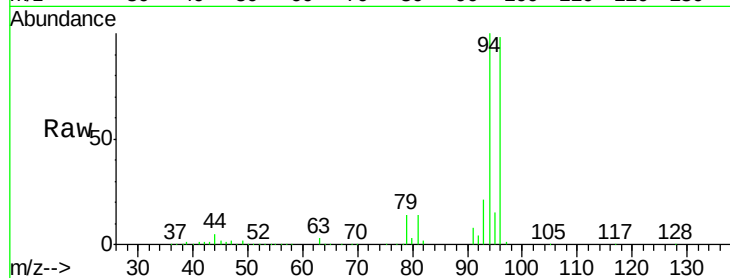
VSTDIC100

Tgt Ion: 94 Resp: 92220

Ion Ratio Lower Upper

94 100

96 97.9 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

100000

80000

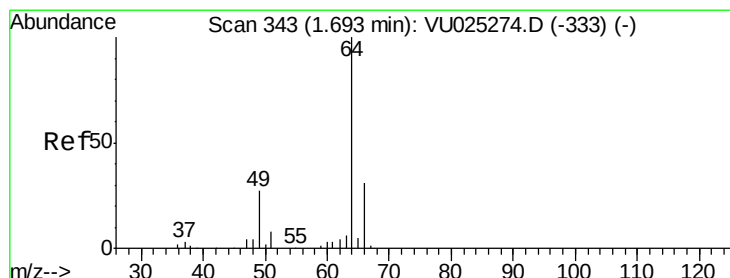
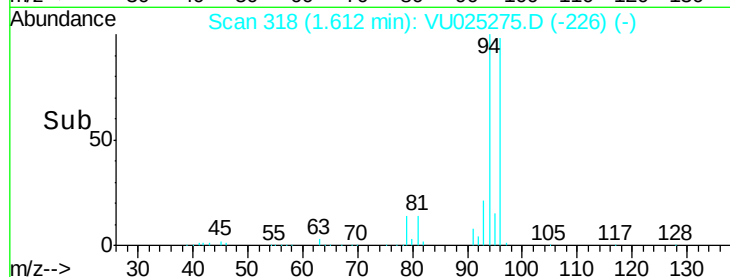
60000

40000

20000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 96.410 ug/l

RT: 1.69 min Scan# 341

Delta R.T. -0.01 min

Lab File: VU025275.D

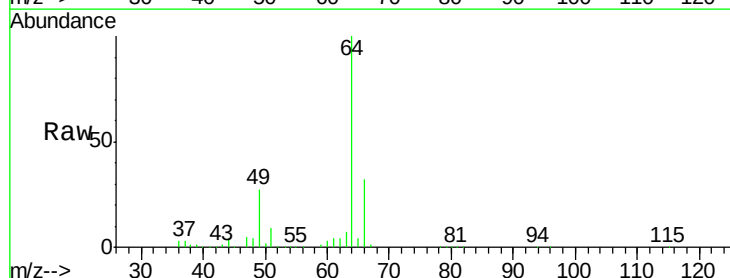
Acq: 09 Jul 2018 15:47

Tgt Ion: 64 Resp: 121942

Ion Ratio Lower Upper

64 100

66 32.2 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

1.69

100000

80000

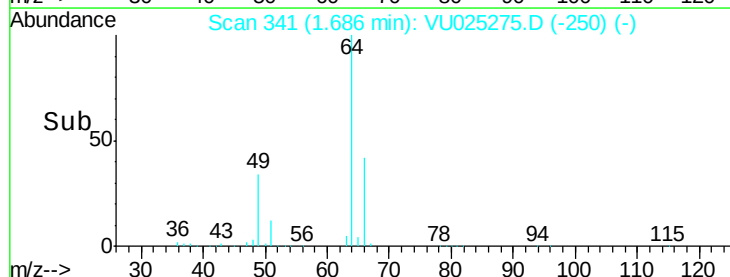
60000

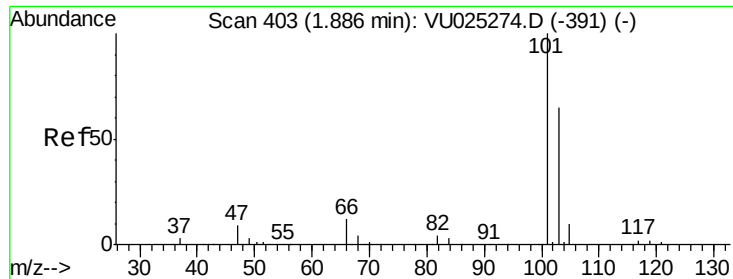
40000

20000

0

Time--> 1.60 1.65 1.70 1.75 1.80



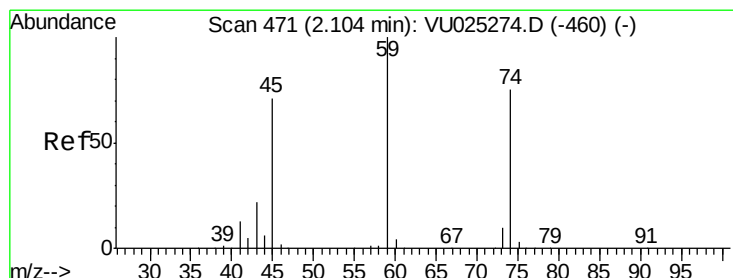
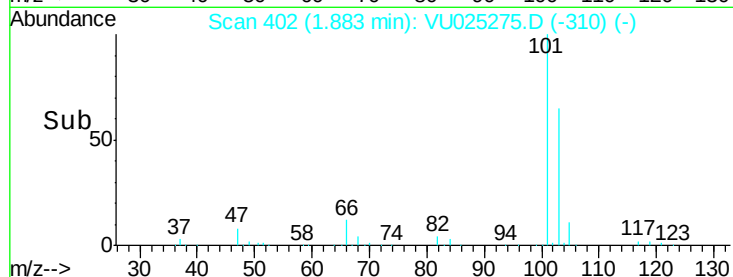
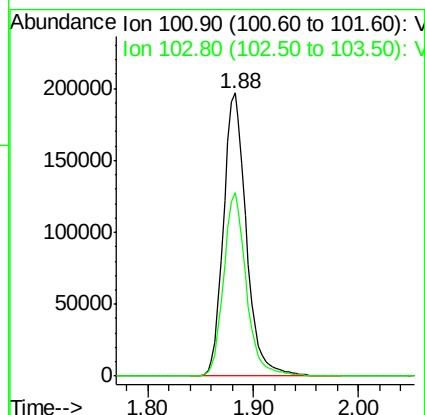
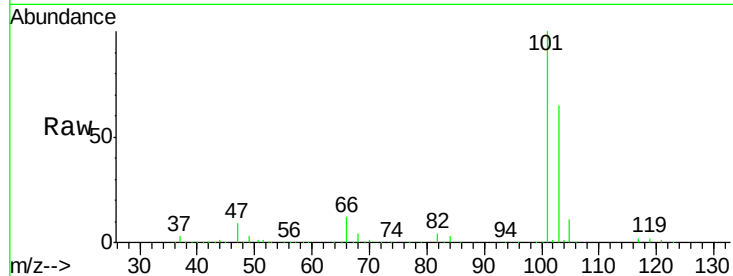


#7

Trichlorofluoromethane
 Concen: 103.816 ug/l
 RT: 1.88 min Scan# 402
 Delta R.T. -0.00 min
 Lab File: VU025275.D
 Acq: 09 Jul 2018 15:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

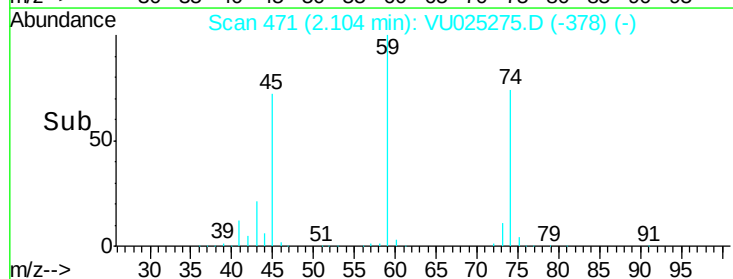
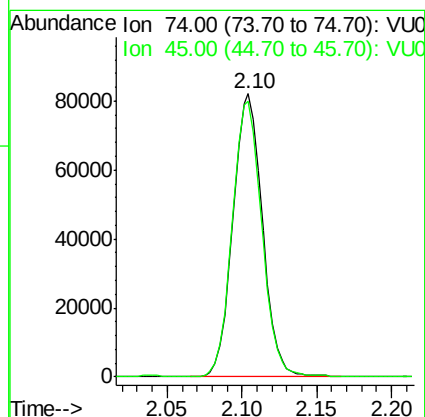
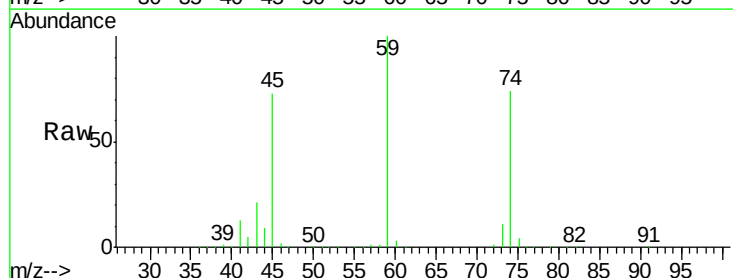
Tgt Ion:101 Resp: 296108
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.2 78.2

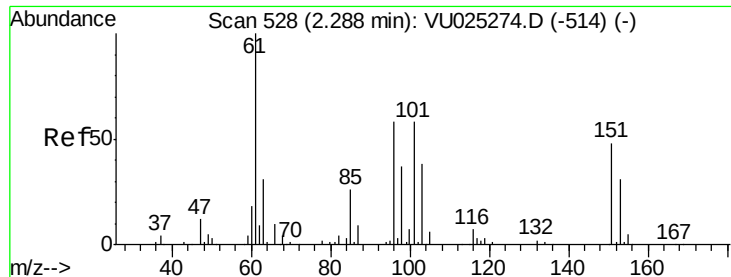


#8

Diethyl Ether
 Concen: 105.424 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: VU025275.D
 Acq: 09 Jul 2018 15:47

Tgt Ion: 74 Resp: 112839
 Ion Ratio Lower Upper
 74 100
 45 97.3 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 105.666 ug/l

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU025275.D

Acq: 09 Jul 2018 15:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

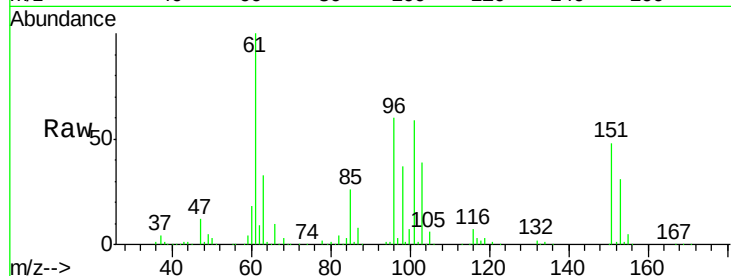
Tgt Ion:101 Resp: 186766

Ion Ratio Lower Upper

101 100

85 44.4 36.0 54.0

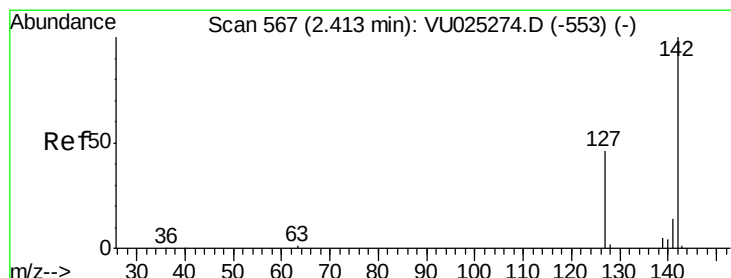
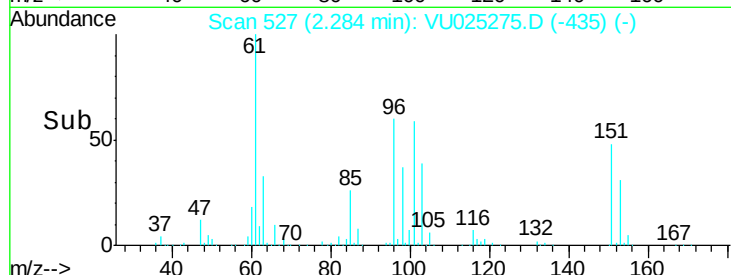
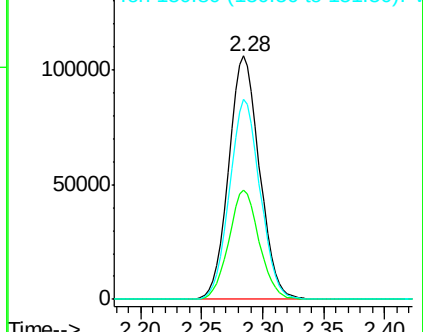
151 81.7 65.6 98.4



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: 128.039 ug/l

RT: 2.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VU025275.D

Acq: 09 Jul 2018 15:47

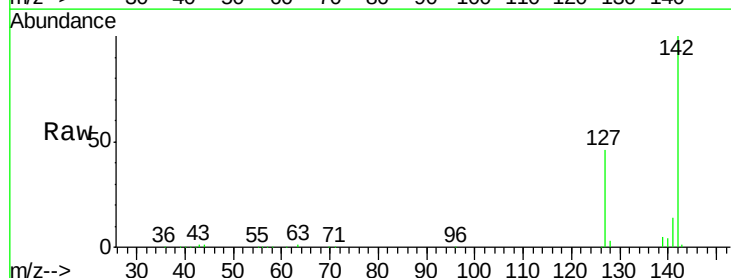
Tgt Ion:142 Resp: 218717

Ion Ratio Lower Upper

142 100

127 46.1 36.5 54.7

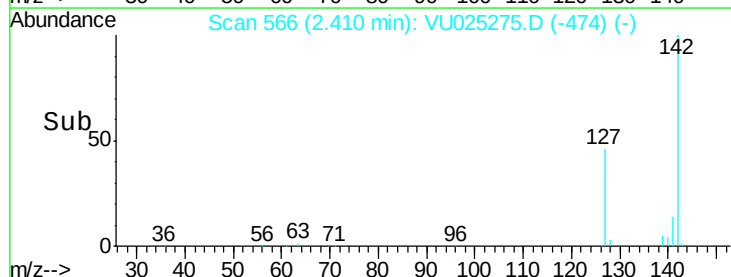
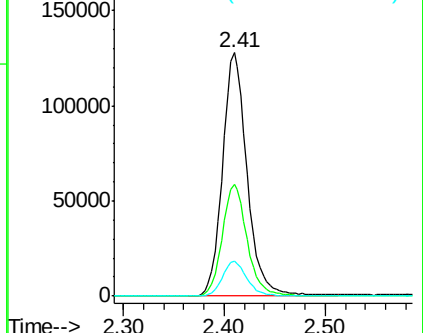
141 14.2 11.4 17.2

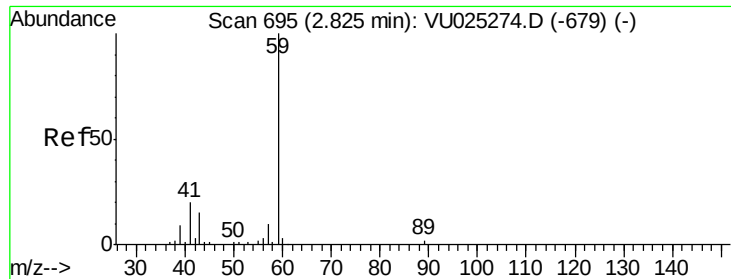


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

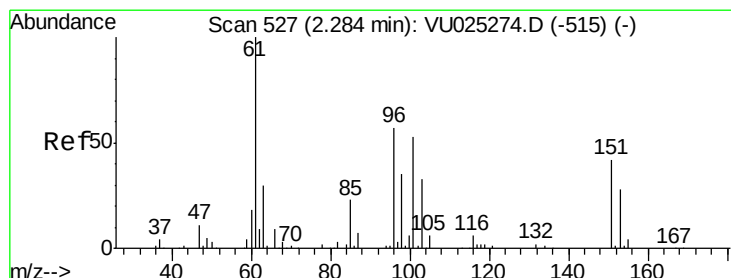
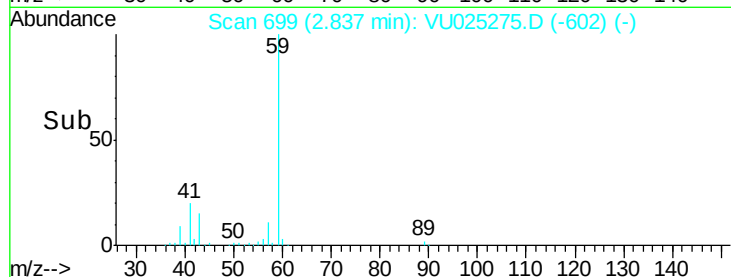
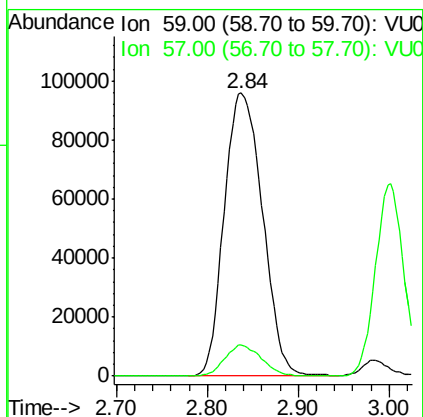
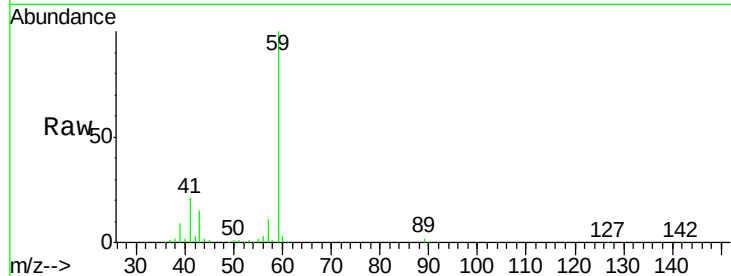




#11
Tert butyl alcohol
Concen: 462.093 ug/l
RT: 2.84 min Scan# 699
Delta R.T. 0.01 min
Lab File: VU025275.D
Acq: 09 Jul 2018 15:47

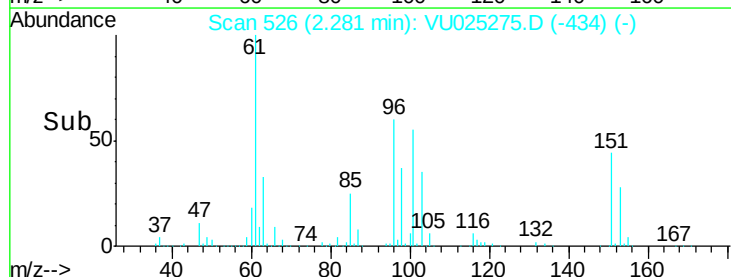
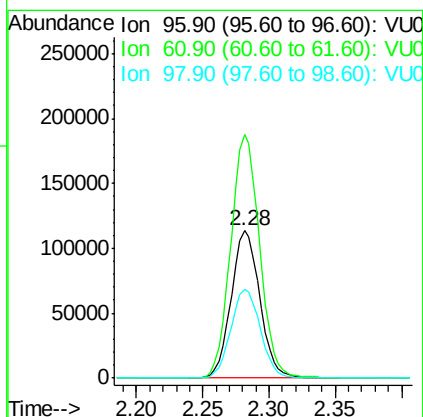
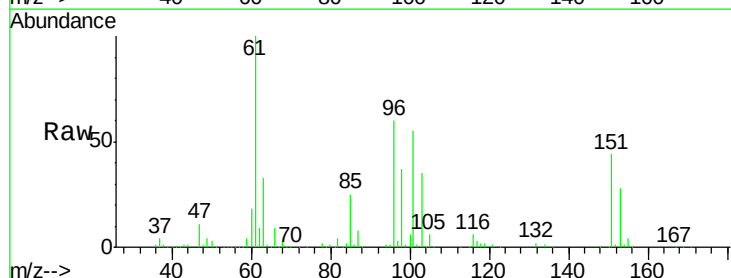
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

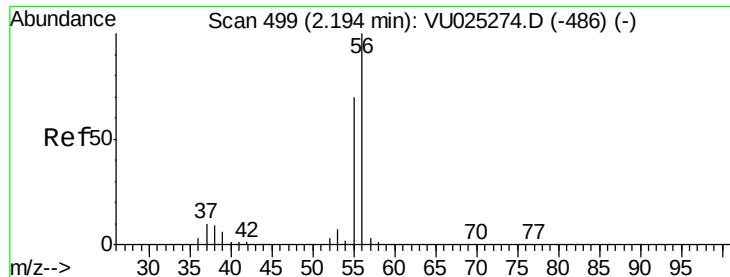
Tgt Ion: 59 Resp: 280810
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 105.397 ug/l
RT: 2.28 min Scan# 526
Delta R.T. -0.00 min
Lab File: VU025275.D
Acq: 09 Jul 2018 15:47

Tgt Ion: 96 Resp: 170493
Ion Ratio Lower Upper
96 100
61 165.5 140.2 210.4
98 60.7 49.3 73.9





#13

Acrolein

Concen: 519.646 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU025275.D

Acq: 09 Jul 2018 15:47

Instrument :

MSVOA_U

ClientSampleId :

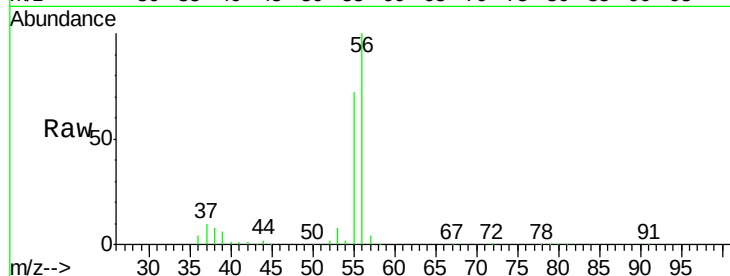
VSTDIC100

Tgt Ion: 56 Resp: 196102

Ion Ratio Lower Upper

56 100

55 71.6 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

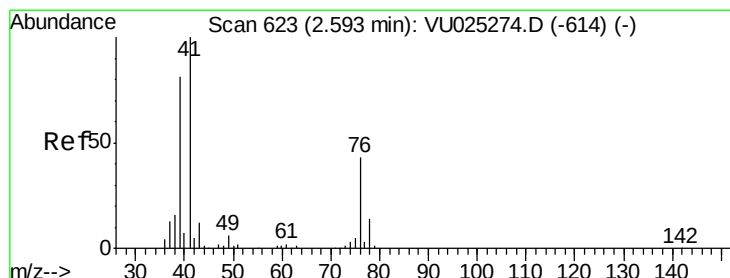
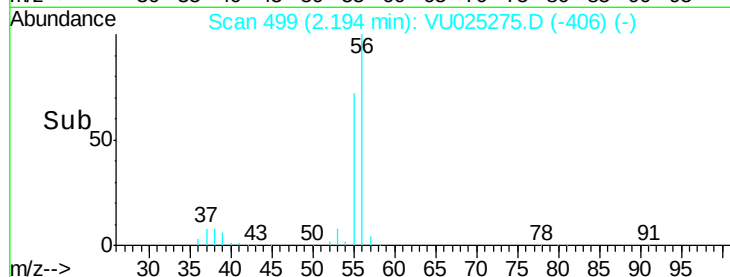
150000

100000

50000

0

Time--> 2.10 2.15 2.20 2.25 2.30



#14

Allyl chloride

Concen: 112.283 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025275.D

Acq: 09 Jul 2018 15:47

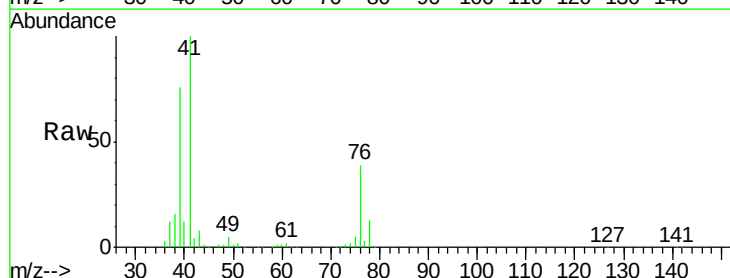
Tgt Ion: 41 Resp: 329398

Ion Ratio Lower Upper

41 100

39 67.1 60.6 91.0

76 33.4 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

400000

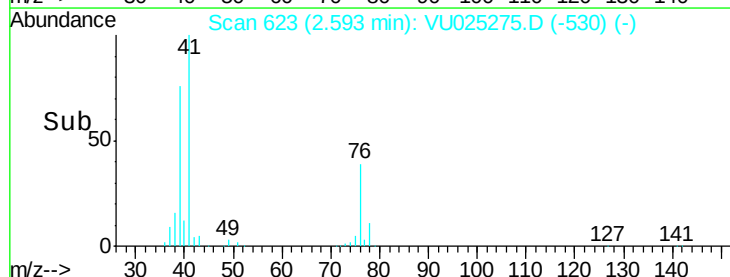
300000

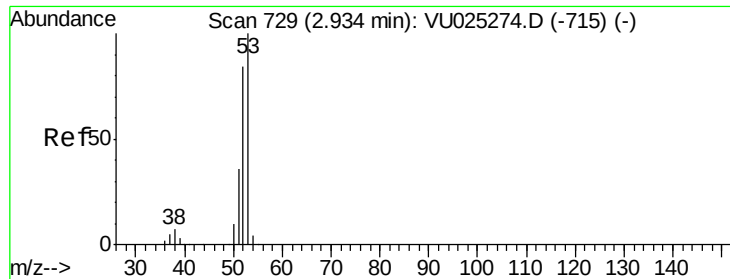
200000

100000

0

Time--> 2.50 2.55 2.60 2.65 2.70

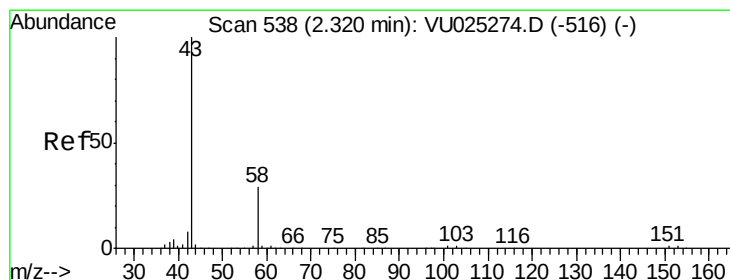
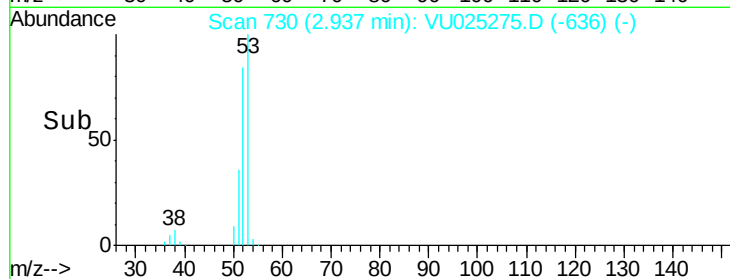
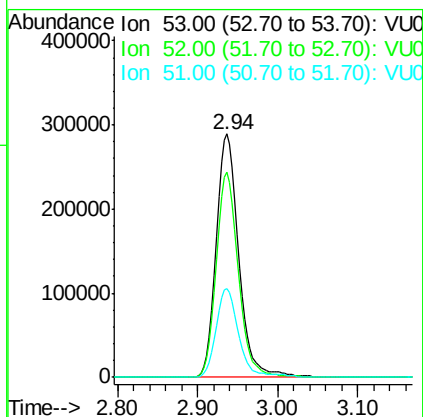
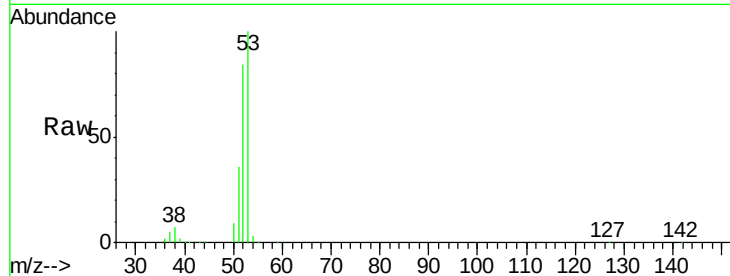




#15
Acrylonitrile
Concen: 511.718 ug/l
RT: 2.94 min Scan# 730
Delta R.T. 0.00 min
Lab File: VU025275.D
Acq: 09 Jul 2018 15:47

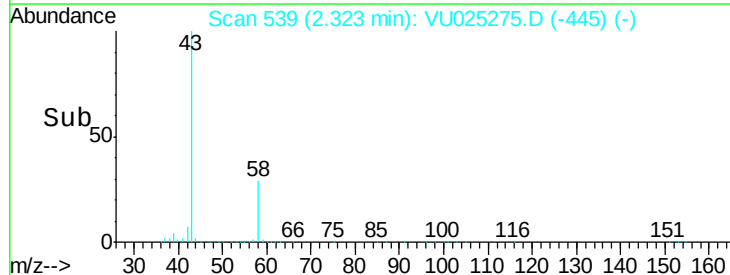
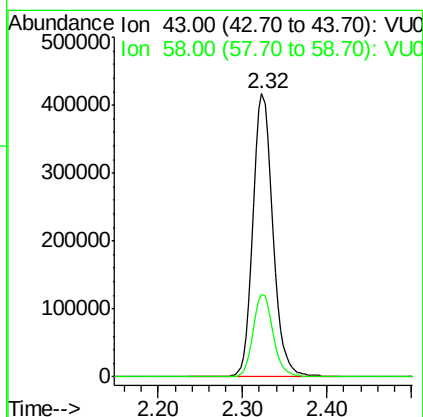
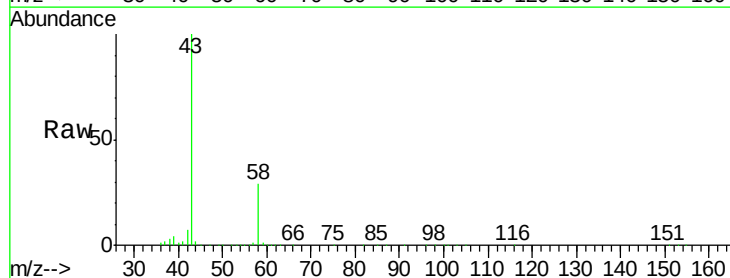
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

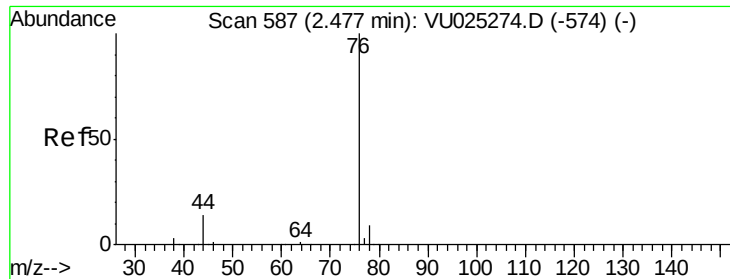
Tgt Ion:	53	Resp:	569024
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.6	99.8
51	36.8	29.4	44.2



#16
Acetone
Concen: 510.859 ug/l
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU025275.D
Acq: 09 Jul 2018 15:47

Tgt Ion:	43	Resp:	683946
Ion	Ratio	Lower	Upper
43	100		
58	29.3	23.1	34.7





#17

Carbon Disulfide

Concen: 99.673 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU025275.D

Acq: 09 Jul 2018 15:47

Instrument :

MSVOA_U

ClientSampleId :

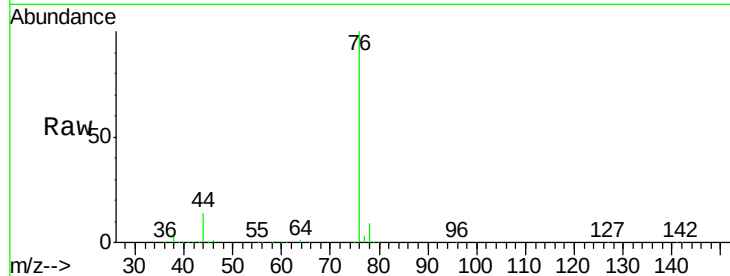
VSTDIC100

Tgt Ion: 76 Resp: 499446

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VU025275.D (-494) (-)

Ion 77.90 (77.60 to 78.60): VU025275.D (-494) (-)

2.48

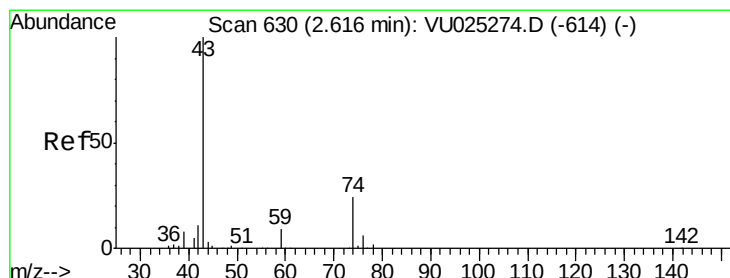
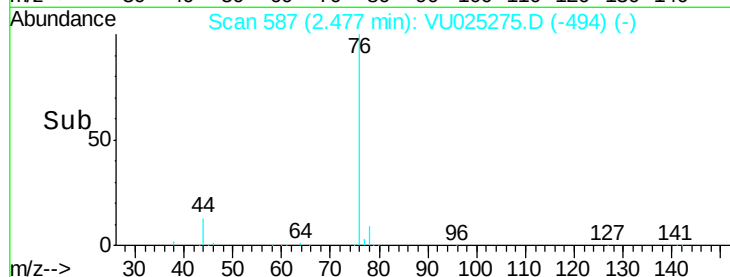
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 102.848 ug/l

RT: 2.62 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU025275.D

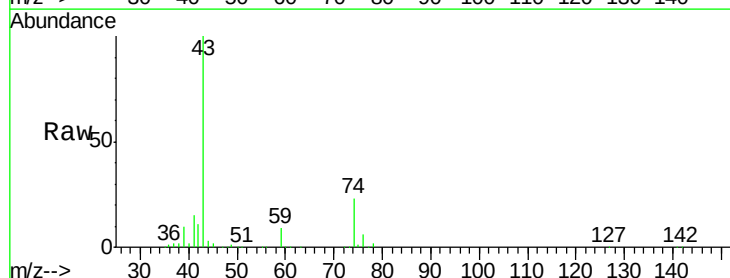
Acq: 09 Jul 2018 15:47

Tgt Ion: 43 Resp: 261074

Ion Ratio Lower Upper

43 100

74 23.6 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VU025275.D (-537) (-)

Ion 74.00 (73.70 to 74.70): VU025275.D (-537) (-)

2.62

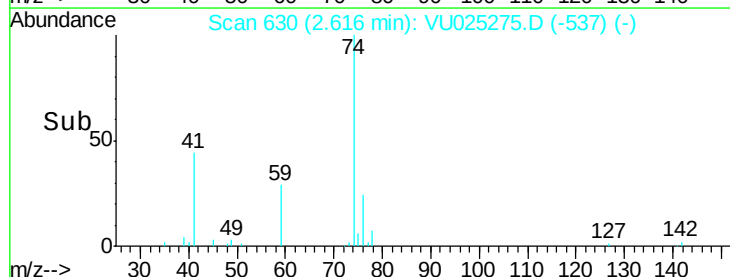
150000

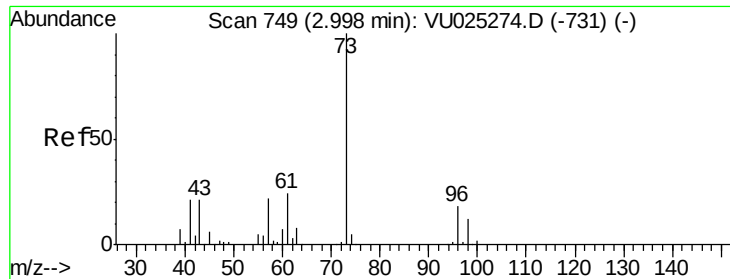
100000

50000

0

Time-->



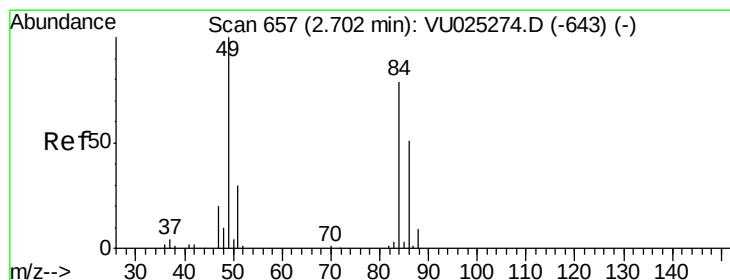
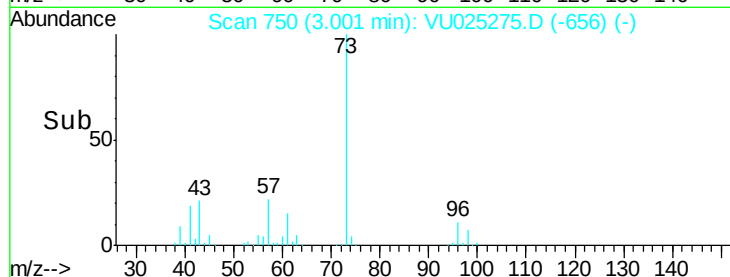
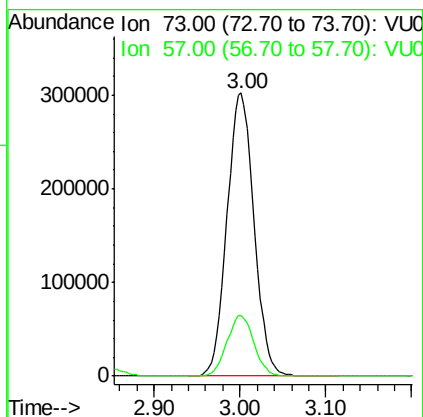
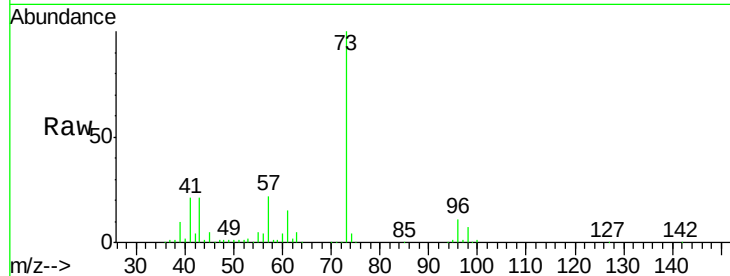


#19

Methyl tert-butyl Ether
 Concen: 106.996 ug/l
 RT: 3.00 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: VU025275.D
 Acq: 09 Jul 2018 15:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

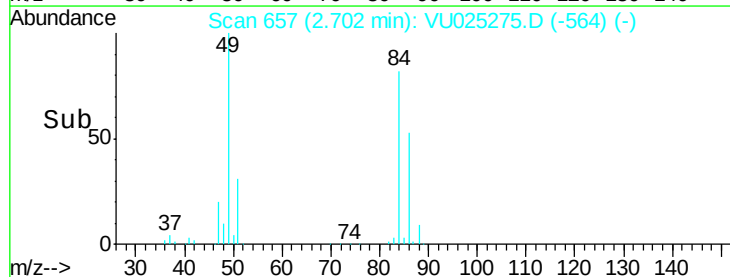
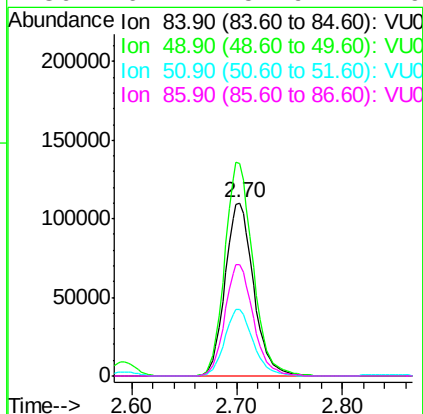
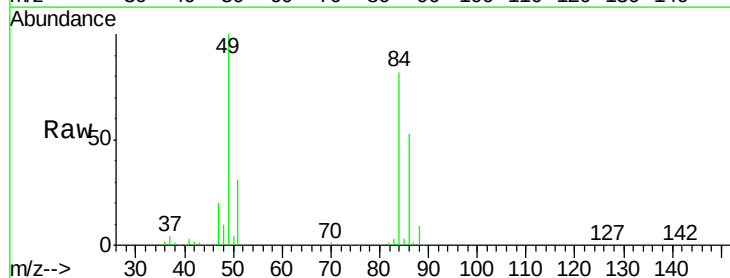
Tgt Ion: 73 Resp: 658346
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.4 26.2

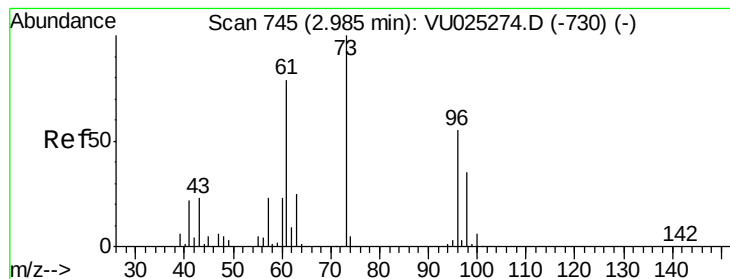


#20

Methylene Chloride
 Concen: 93.237 ug/l
 RT: 2.70 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VU025275.D
 Acq: 09 Jul 2018 15:47

Tgt Ion: 84 Resp: 205092
 Ion Ratio Lower Upper
 84 100
 49 122.6 101.8 152.6
 51 38.1 30.8 46.2
 86 64.4 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 102.838 ug/l

RT: 2.98 min Scan# 744

Delta R.T. -0.00 min

Lab File: VU025275.D

Acq: 09 Jul 2018 15:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

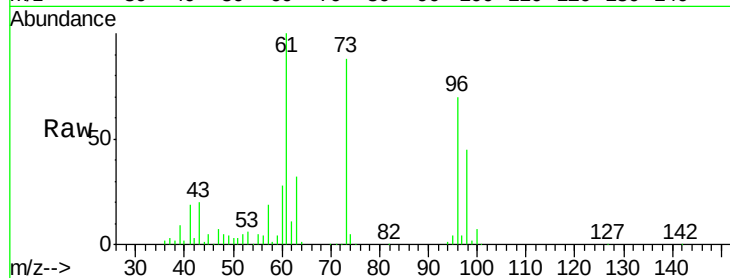
Tgt Ion: 96 Resp: 190103

Ion Ratio Lower Upper

96 100

61 142.5 114.5 171.7

98 63.5 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VU025274.D (-730) (-)

Ion 60.90 (60.60 to 61.60): VU025274.D (-730) (-)

Ion 97.90 (97.60 to 98.60): VU025274.D (-730) (-)

200000

150000

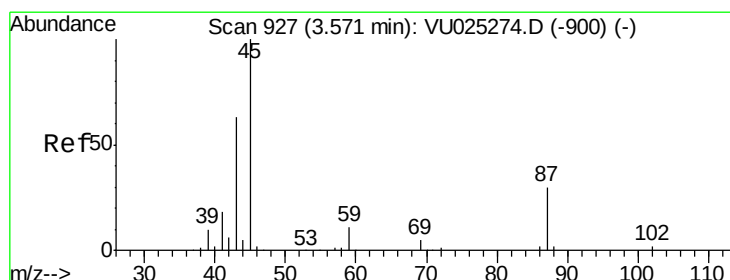
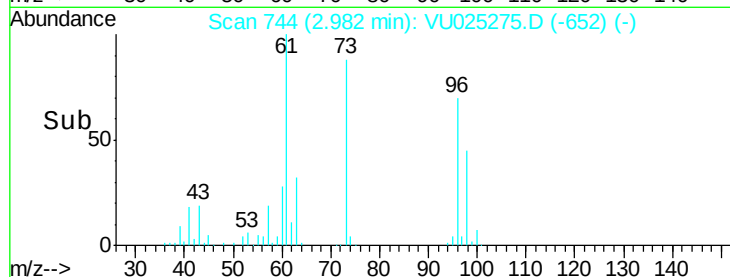
100000

50000

0

2.90 2.98 3.10

Time-->



#22

Diisopropyl ether

Concen: 105.811 ug/l

RT: 3.57 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU025275.D

Acq: 09 Jul 2018 15:47

Tgt Ion: 45 Resp: 633933

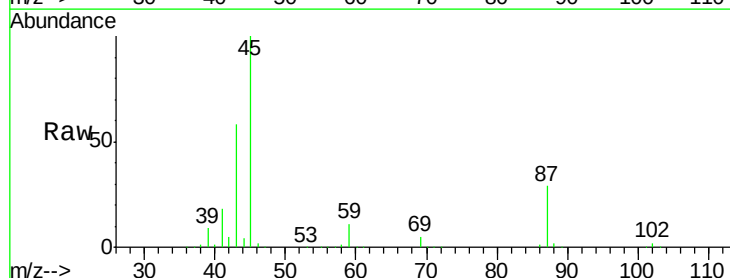
Ion Ratio Lower Upper

45 100

43 57.3 50.9 76.3

87 28.7 23.8 35.8

59 11.2 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VU025274.D (-900) (-)

Ion 43.00 (42.70 to 43.70): VU025274.D (-900) (-)

Ion 87.00 (86.70 to 87.70): VU025274.D (-900) (-)

Ion 59.00 (58.70 to 59.70): VU025274.D (-900) (-)

1500000

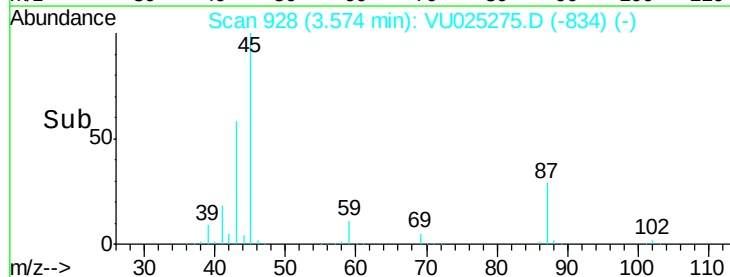
1000000

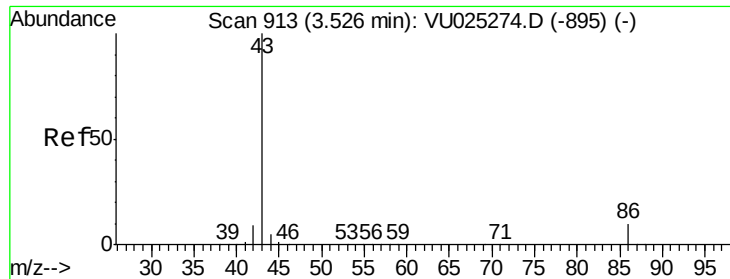
500000

0

3.40 3.50 3.57 3.60 3.70

Time-->





#23

Vinyl Acetate

Concen: 543.527 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025275.D

Acq: 09 Jul 2018 15:47

Instrument :

MSVOA_U

ClientSampleId :

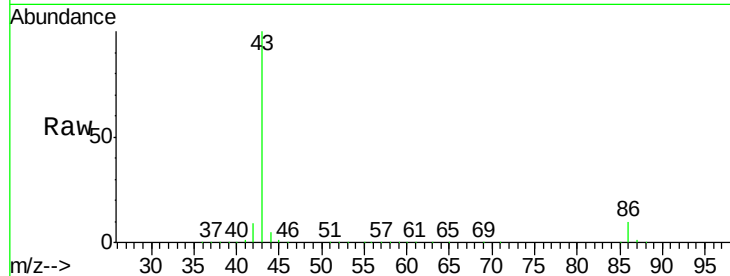
VSTDICC100

Tgt Ion: 43 Resp: 2856605

Ion Ratio Lower Upper

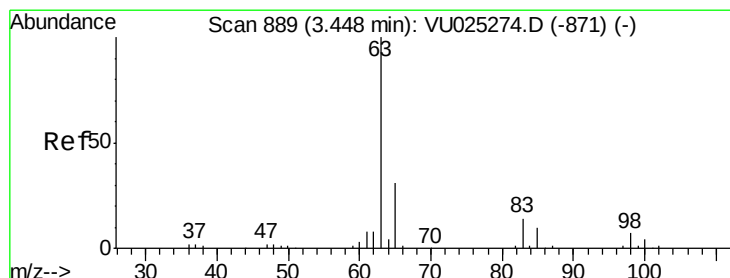
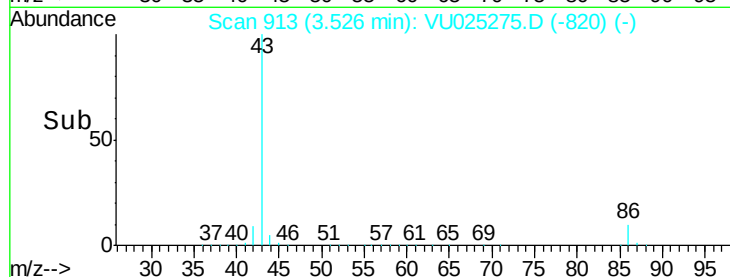
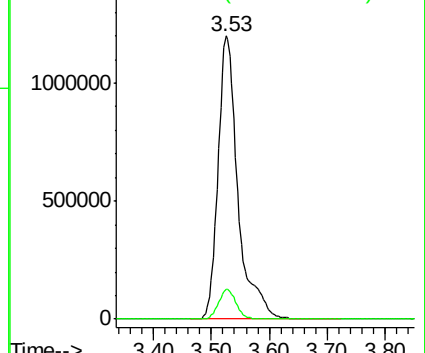
43 100

86 10.4 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 107.703 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025275.D

Acq: 09 Jul 2018 15:47

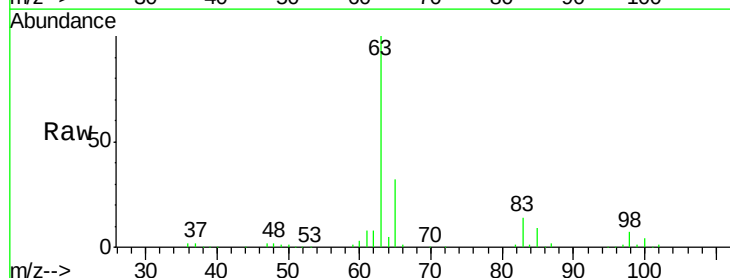
Tgt Ion: 63 Resp: 363911

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

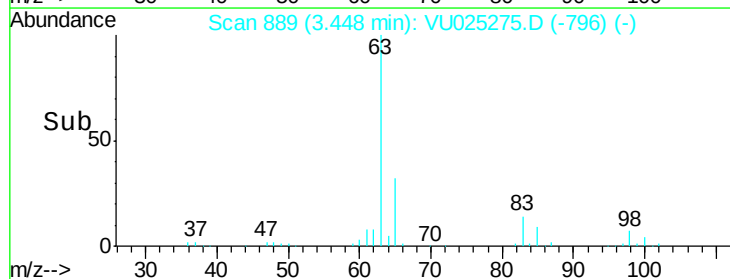
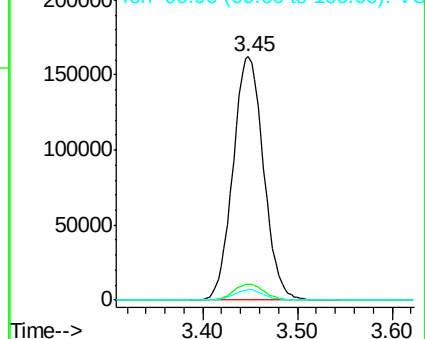
100 4.3 2.0 6.0

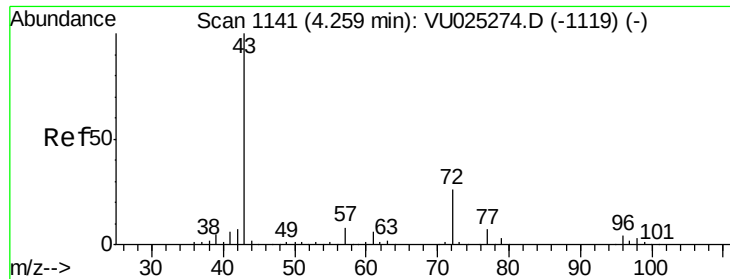


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

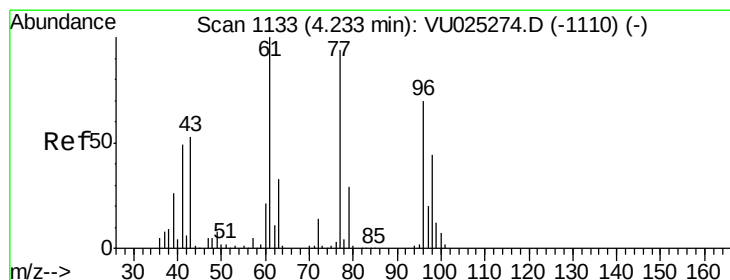
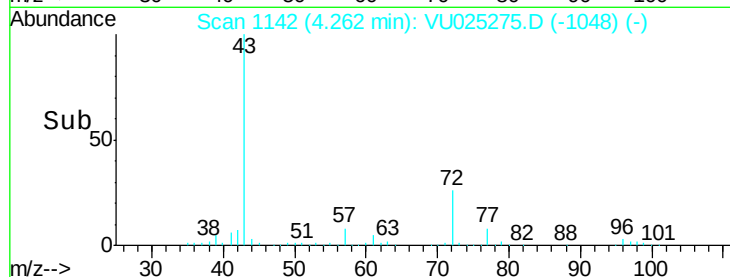
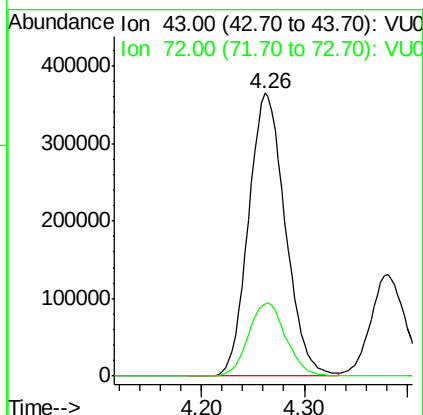
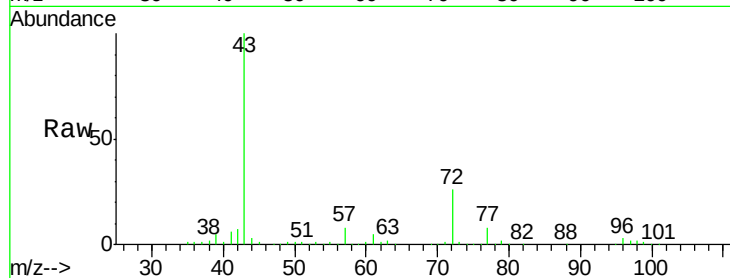




#25
 2-Butanone
 Concen: 523.495 ug/l
 RT: 4.26 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VU025275.D
 Acq: 09 Jul 2018 15:47

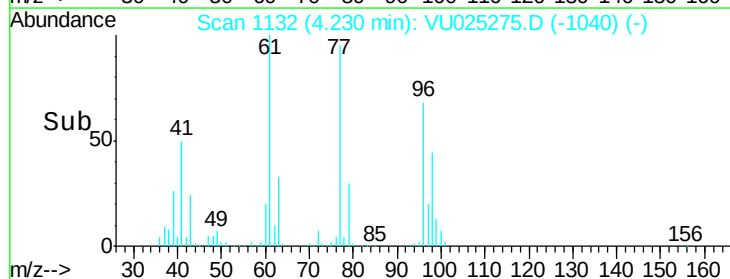
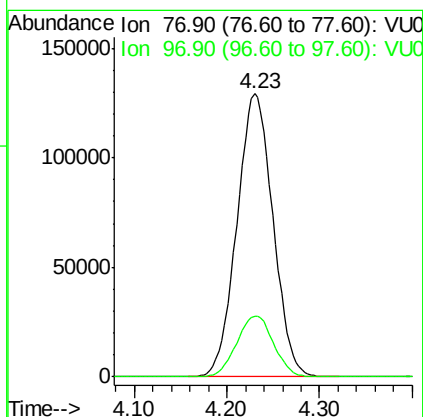
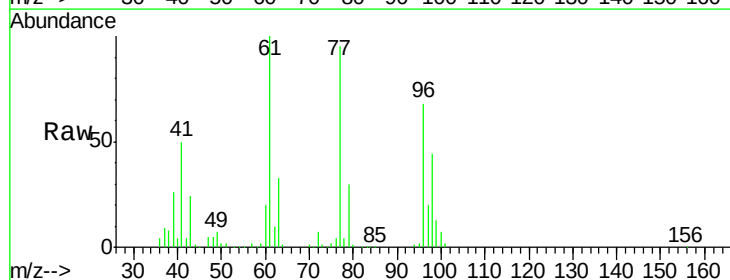
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

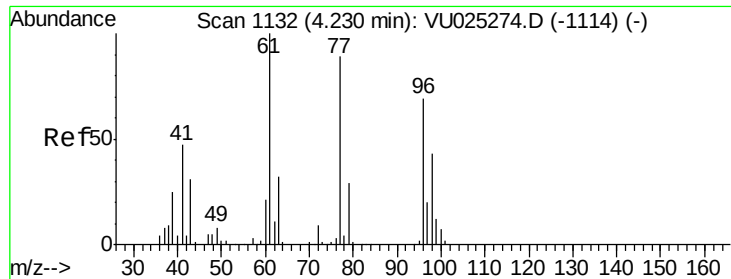
Tgt Ion: 43 Resp: 899606
 Ion Ratio Lower Upper
 43 100
 72 25.5 21.0 31.4



#26
 2,2-Dichloropropane
 Concen: 107.213 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025275.D
 Acq: 09 Jul 2018 15:47

Tgt Ion: 77 Resp: 348311
 Ion Ratio Lower Upper
 77 100
 97 21.9 11.2 33.5

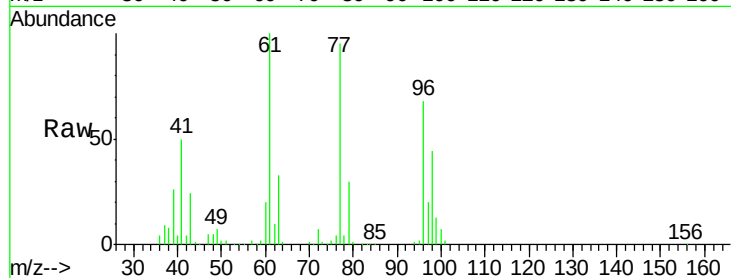




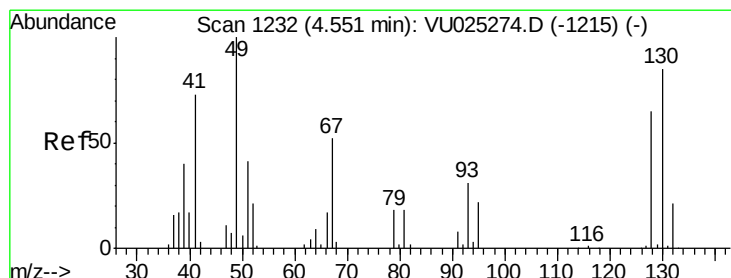
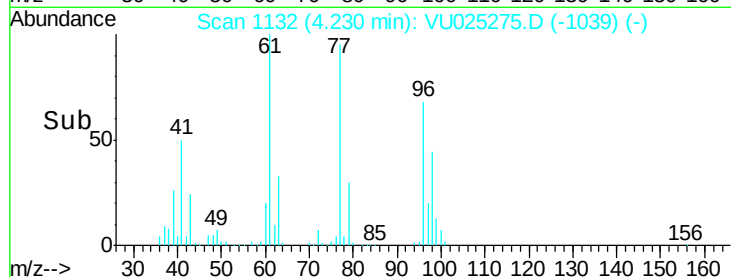
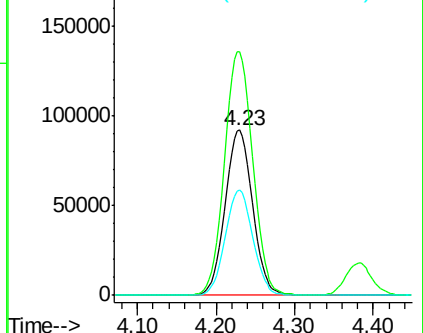
#27
 cis-1,2-Dichloroethene
 Concen: 103.673 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025275.D
 Acq: 09 Jul 2018 15:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

Tgt Ion: 96 Resp: 221743
 Ion Ratio Lower Upper
 96 100
 61 151.9 0.0 299.8
 98 64.2 0.0 128.6

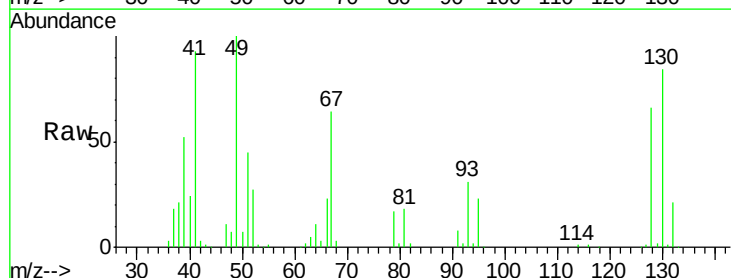


Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0

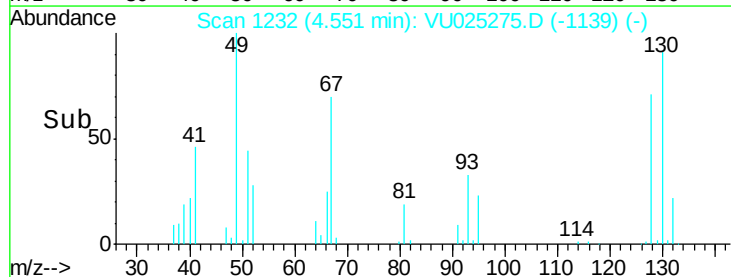
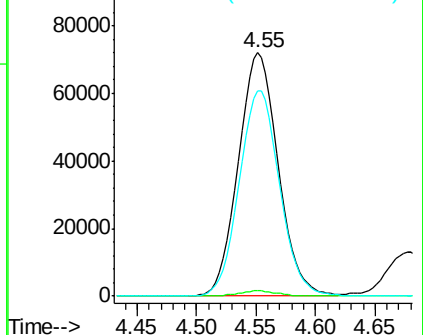


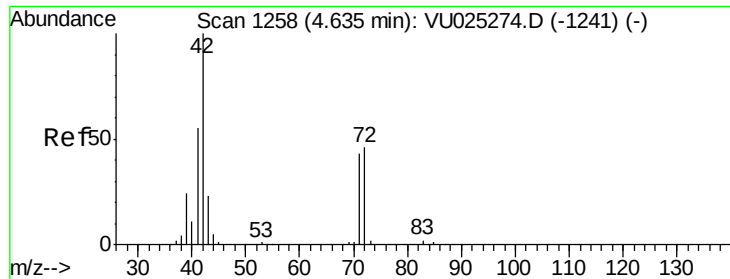
#28
 Bromochloromethane
 Concen: 102.419 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VU025275.D
 Acq: 09 Jul 2018 15:47

Tgt Ion: 49 Resp: 167106
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 85.6 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: 506.852 ug/l

RT: 4.64 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VU025275.D

Acq: 09 Jul 2018 15:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

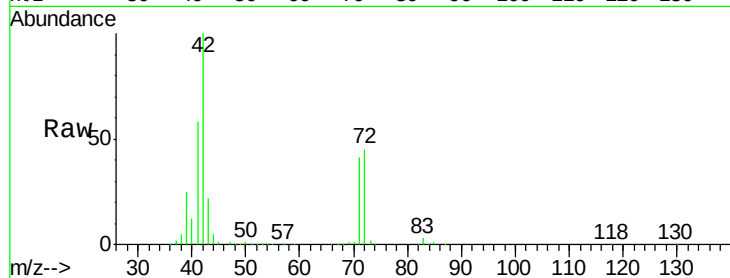
Tgt Ion: 42 Resp: 522440

Ion Ratio Lower Upper

42 100

72 45.9 36.7 55.1

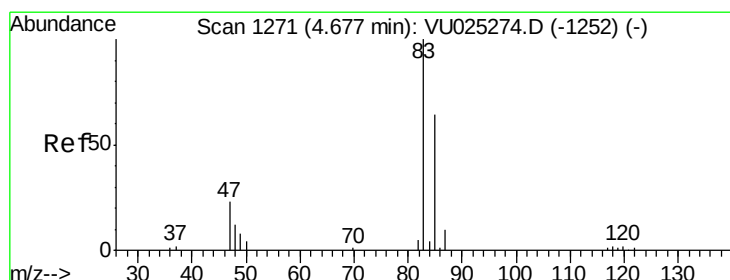
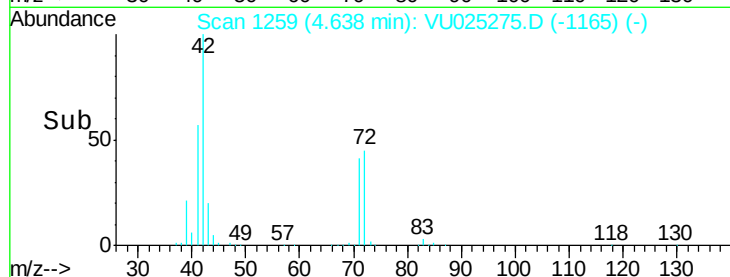
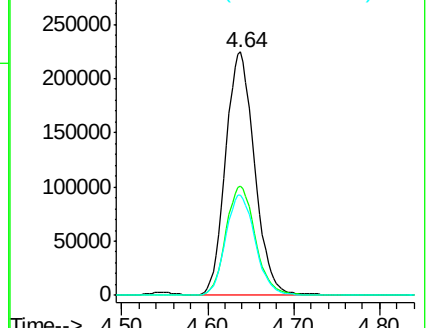
71 42.4 33.9 50.9



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: 106.908 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU025275.D

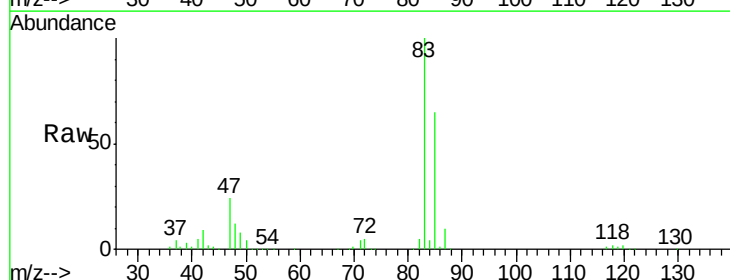
Acq: 09 Jul 2018 15:47

Tgt Ion: 83 Resp: 382544

Ion Ratio Lower Upper

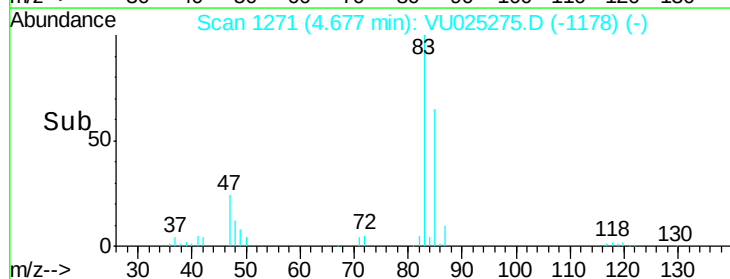
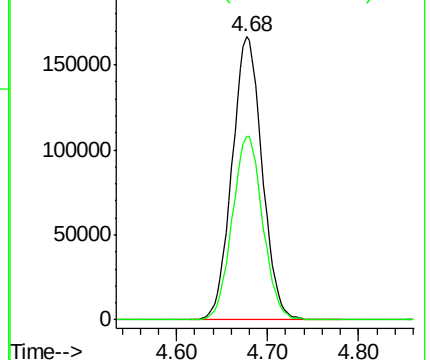
83 100

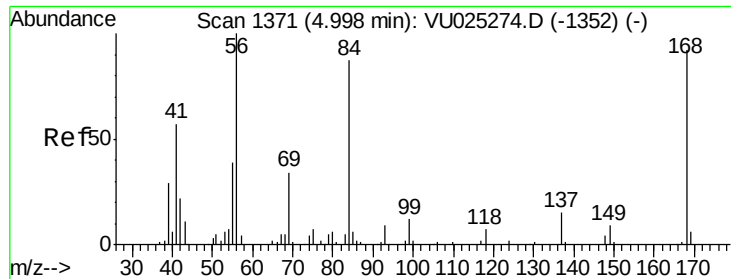
85 64.9 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

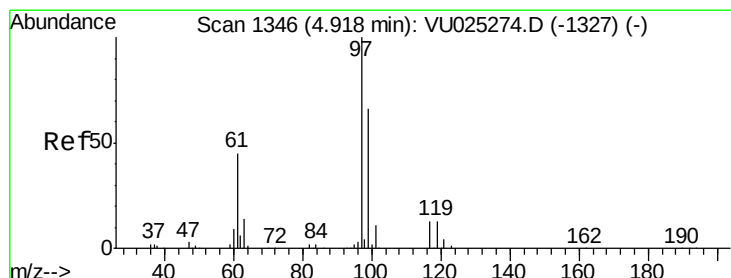
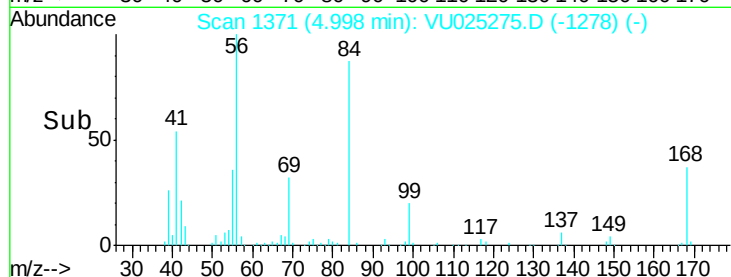
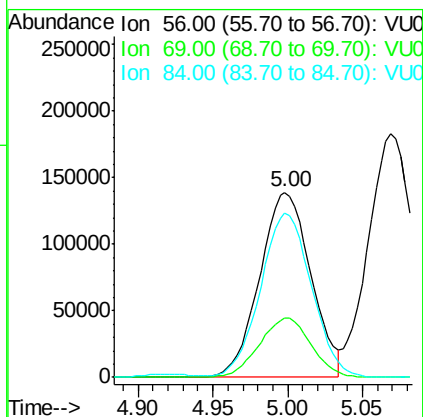
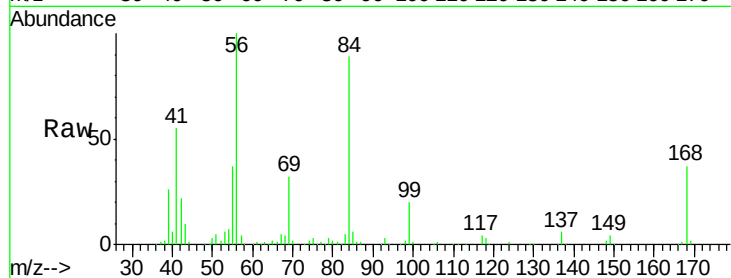




#31
Cyclohexane
Concen: 88.007 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025275.D
Acq: 09 Jul 2018 15:47

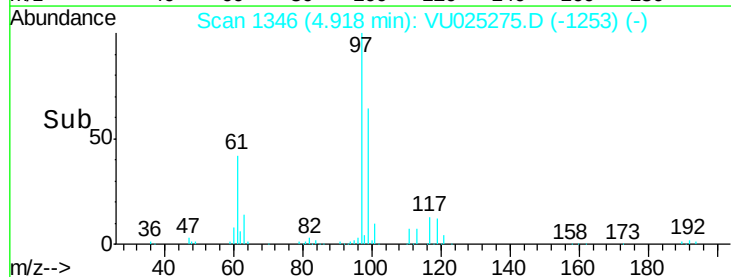
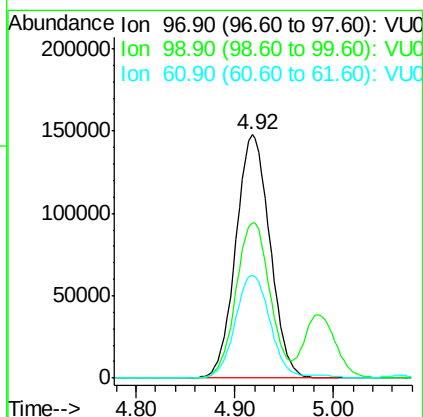
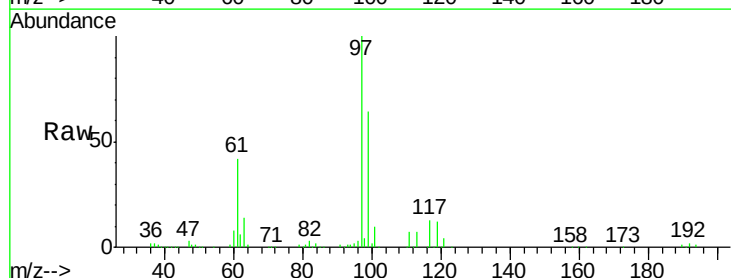
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

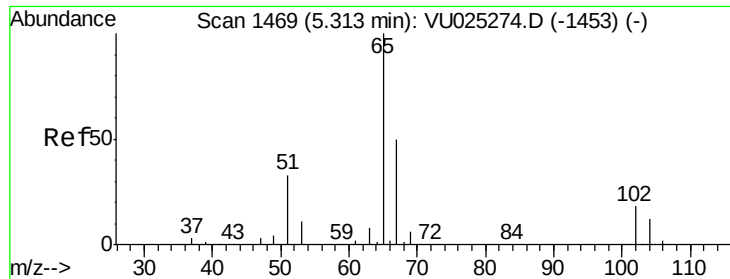
Tgt Ion: 56 Resp: 330387
Ion Ratio Lower Upper
56 100
69 32.3 26.8 40.2
84 87.7 69.7 104.5



#32
1,1,1-Trichloroethane
Concen: 109.150 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU025275.D
Acq: 09 Jul 2018 15:47

Tgt Ion: 97 Resp: 353956
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 43.1 35.2 52.8

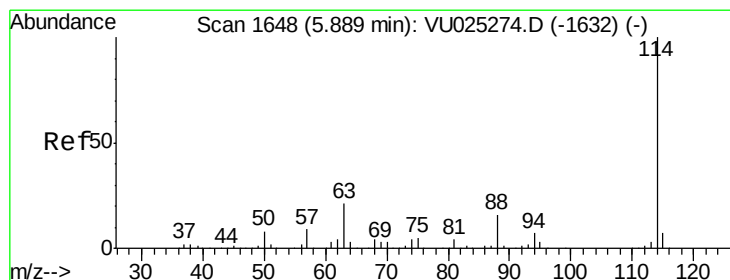
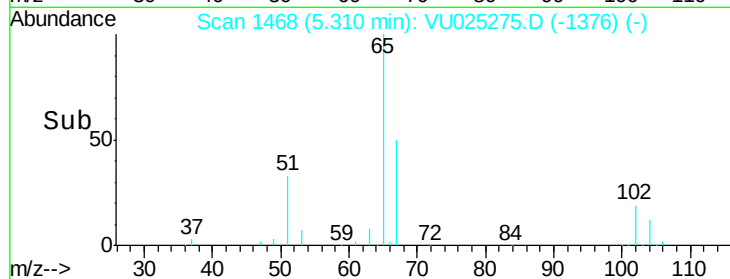
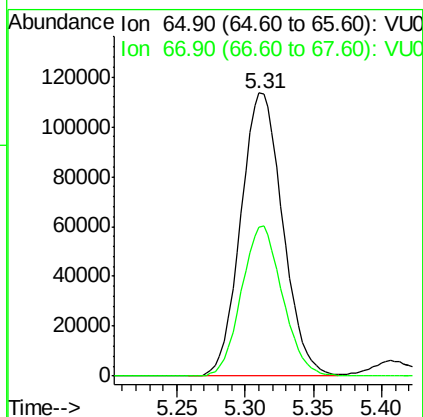
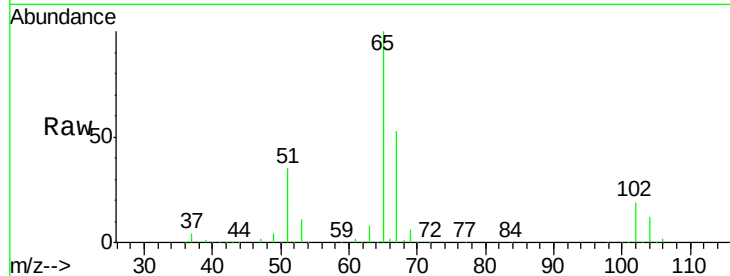




#33
 1,2-Dichloroethane-d4
 Concen: 97.779 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU025275.D
 Acq: 09 Jul 2018 15:47

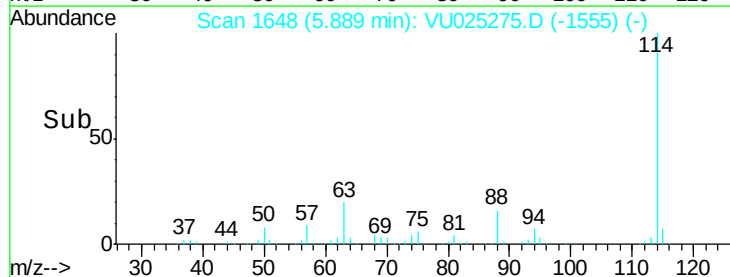
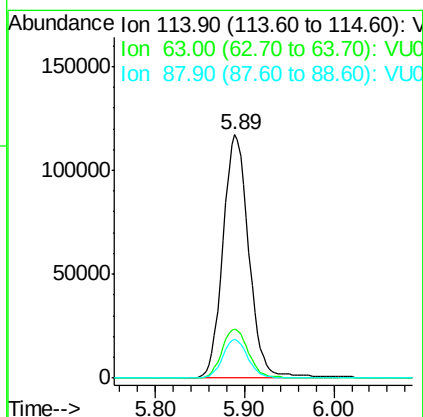
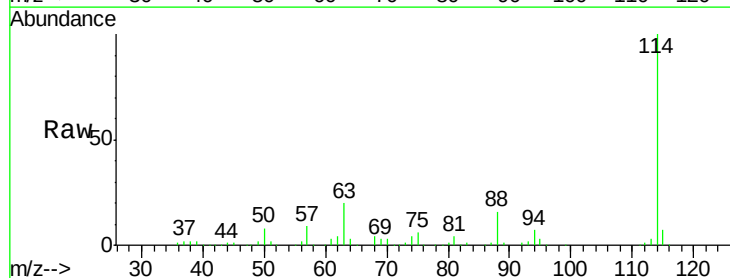
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

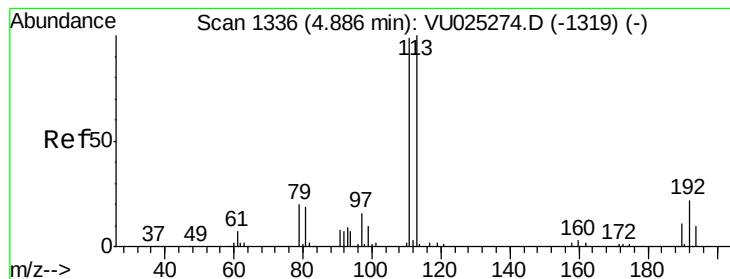
Tgt Ion: 65 Resp: 242425
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025275.D
 Acq: 09 Jul 2018 15:47

Tgt Ion: 114 Resp: 236483
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.6
 88 15.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 101.263 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU025275.D

Acq: 09 Jul 2018 15:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

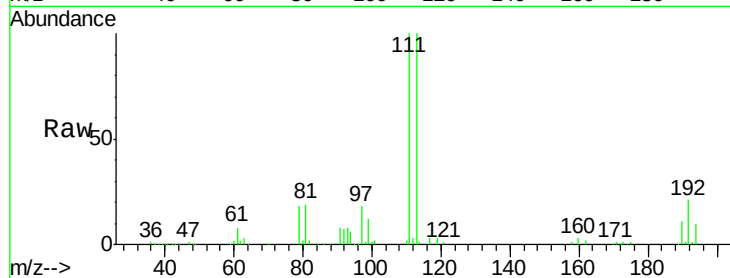
Tgt Ion: 113 Resp: 202013

Ion Ratio Lower Upper

113 100

111 100.4 81.7 122.5

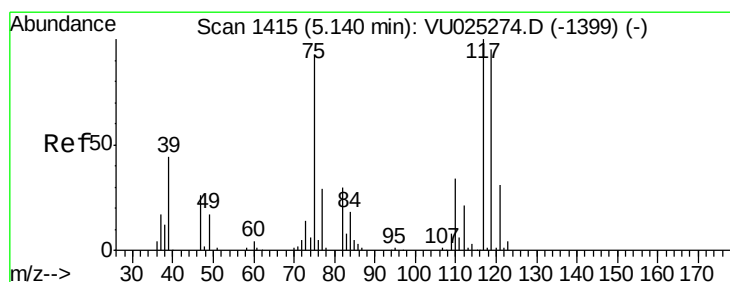
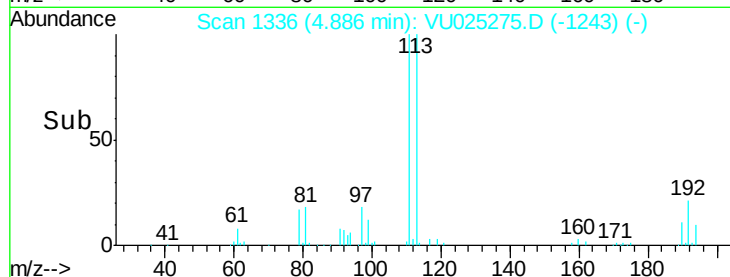
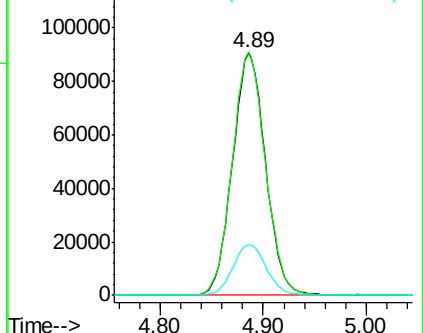
192 21.3 17.1 25.7



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: 106.946 ug/l

RT: 5.14 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VU025275.D

Acq: 09 Jul 2018 15:47

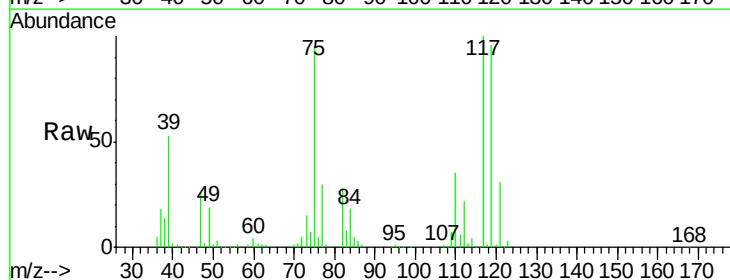
Tgt Ion: 75 Resp: 281169

Ion Ratio Lower Upper

75 100

110 36.7 17.6 52.9

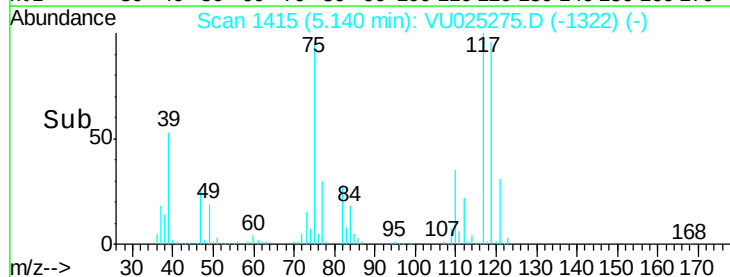
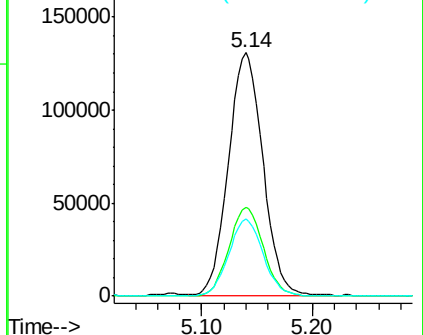
77 31.6 24.4 36.6

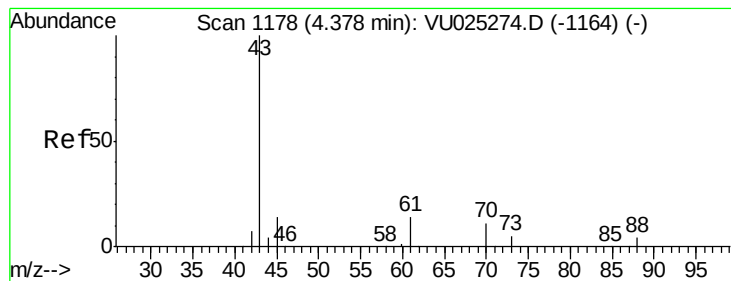


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#37

Ethyl Acetate

Concen: 107.161 ug/l

RT: 4.38 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VU025275.D

Acq: 09 Jul 2018 15:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

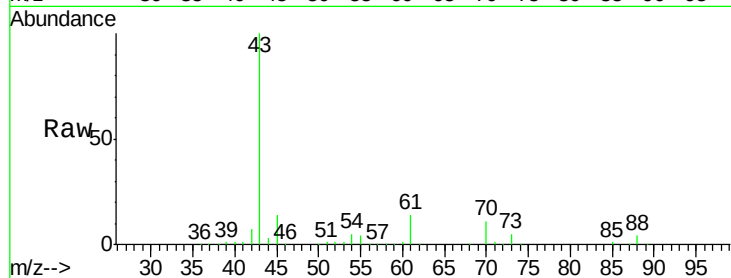
Tgt Ion: 43 Resp: 314196

Ion Ratio Lower Upper

43 100

61 13.7 10.7 16.1

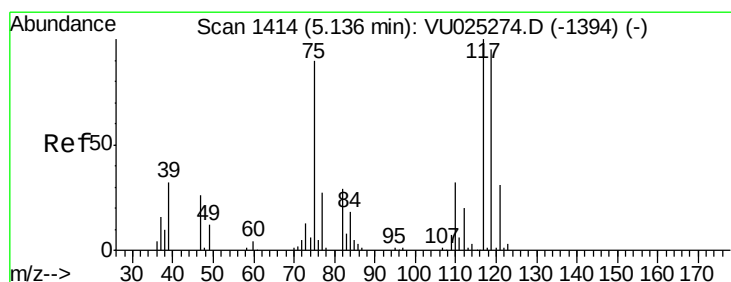
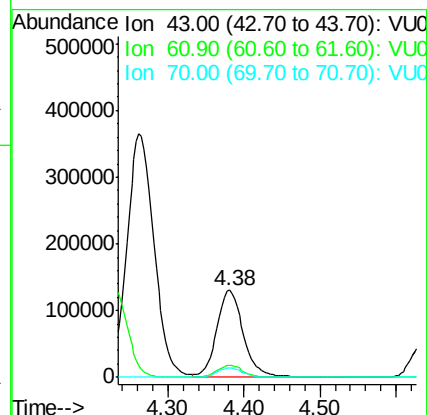
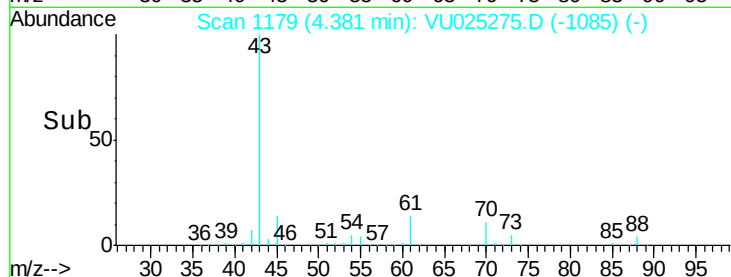
70 10.7 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VU025274.D (-1164) (-)

Ion 60.90 (60.60 to 61.60): VU025274.D (-1164) (-)

Ion 70.00 (69.70 to 70.70): VU025274.D (-1164) (-)



#38

Carbon Tetrachloride

Concen: 112.579 ug/l

RT: 5.14 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VU025275.D

Acq: 09 Jul 2018 15:47

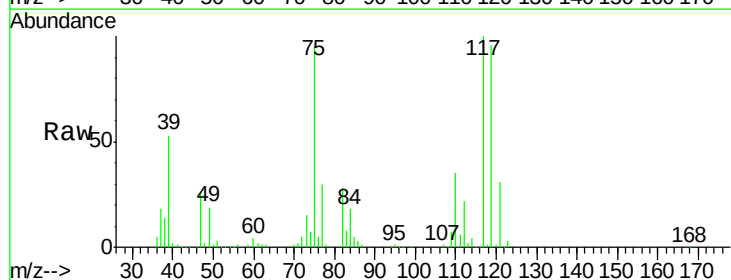
Tgt Ion: 117 Resp: 318571

Ion Ratio Lower Upper

117 100

119 96.2 75.7 113.5

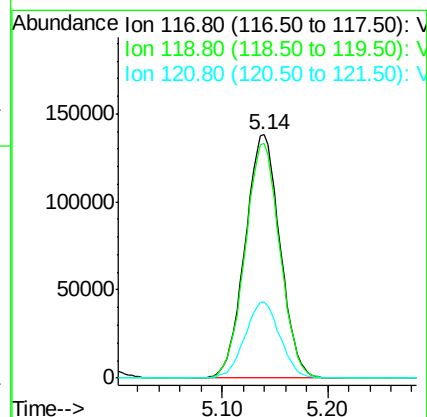
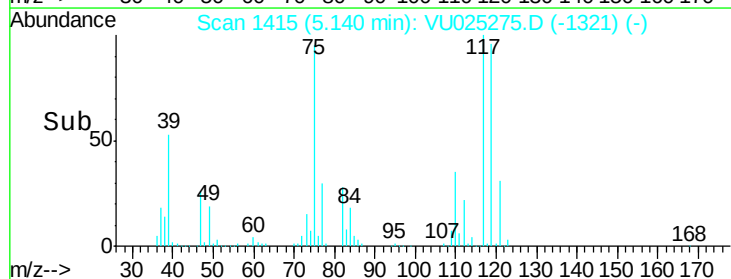
121 31.1 24.6 36.8

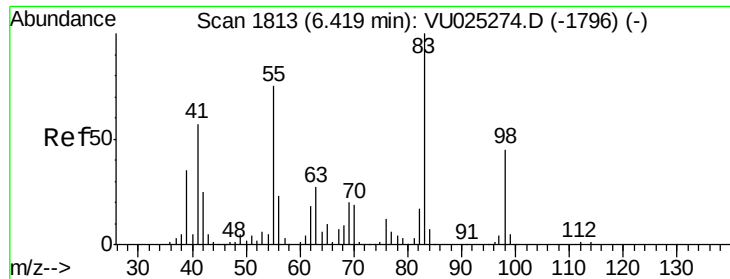


Abundance Ion 116.80 (116.50 to 117.50): VU025274.D (-1394) (-)

Ion 118.80 (118.50 to 119.50): VU025274.D (-1394) (-)

Ion 120.80 (120.50 to 121.50): VU025274.D (-1394) (-)

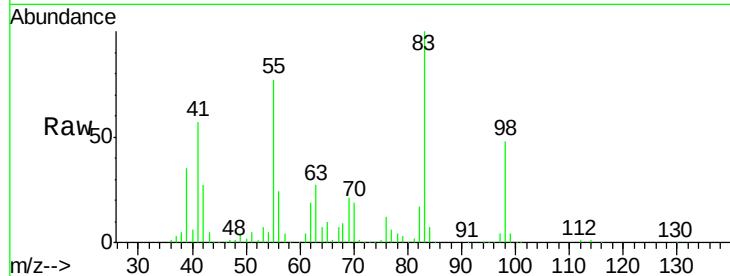




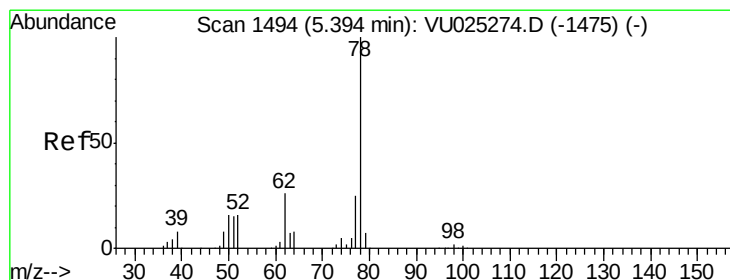
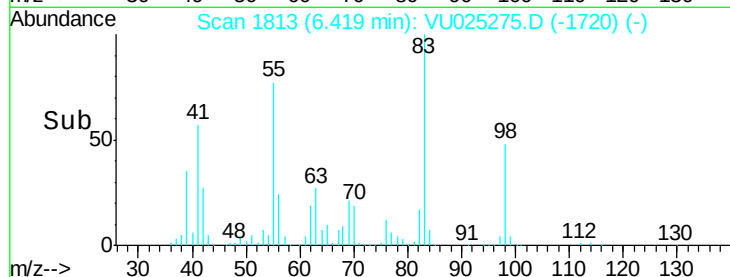
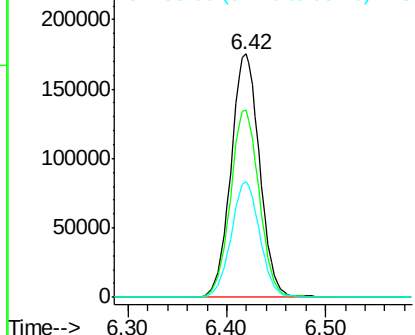
#39
Methylcyclohexane
Concen: 108.260 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU025275.D
Acq: 09 Jul 2018 15:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 355022
Ion Ratio Lower Upper
83 100
55 76.9 60.0 90.0
98 47.6 36.1 54.1

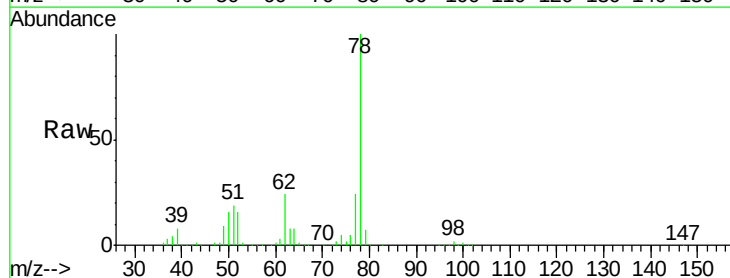


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

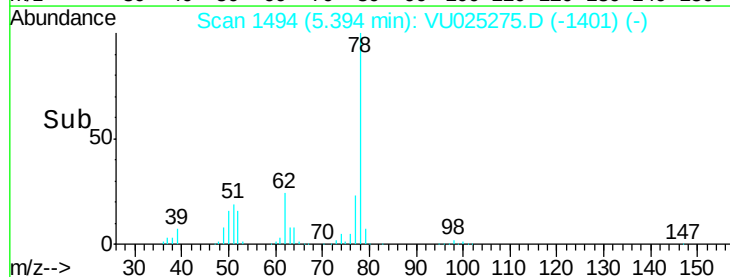
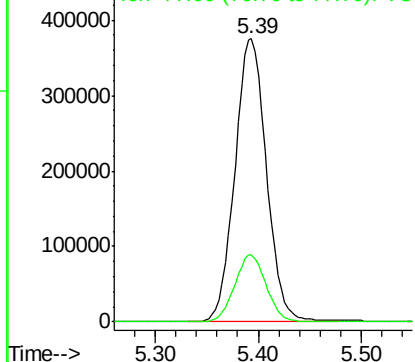


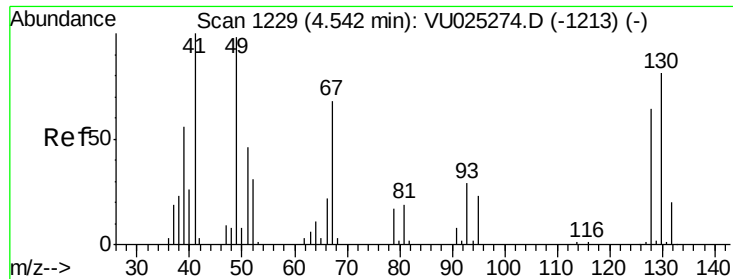
#40
Benzene
Concen: 105.851 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU025275.D
Acq: 09 Jul 2018 15:47

Tgt Ion: 78 Resp: 801973
Ion Ratio Lower Upper
78 100
77 23.6 19.8 29.6



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

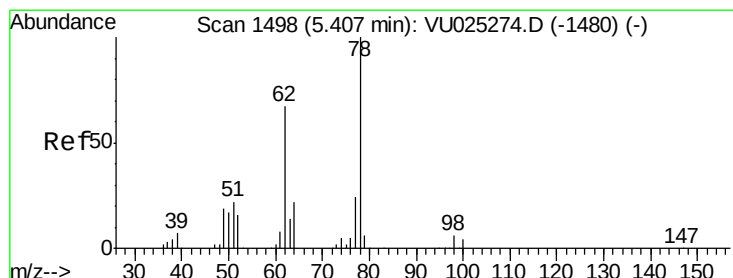
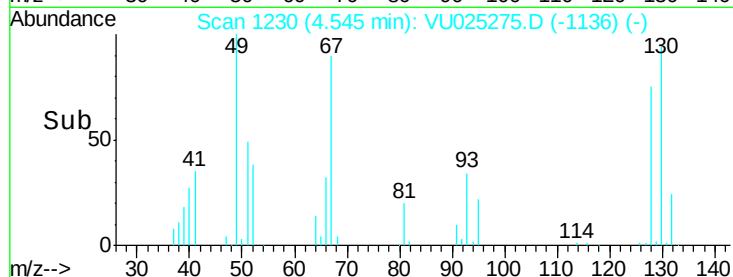
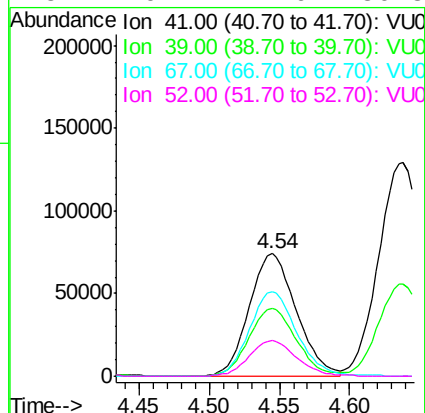
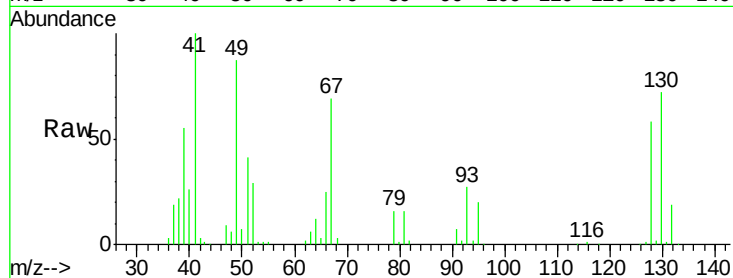




#41
Methacrylonitrile
Concen: 106.324 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025275.D
Acq: 09 Jul 2018 15:47

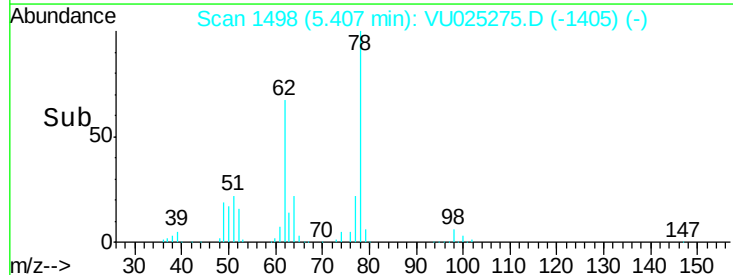
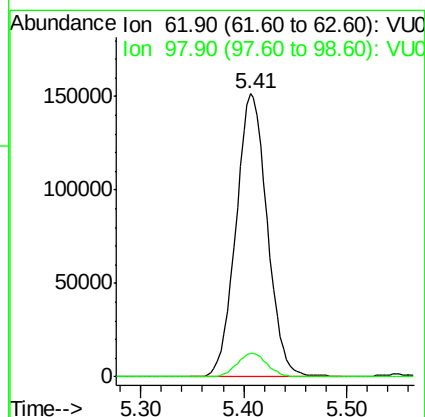
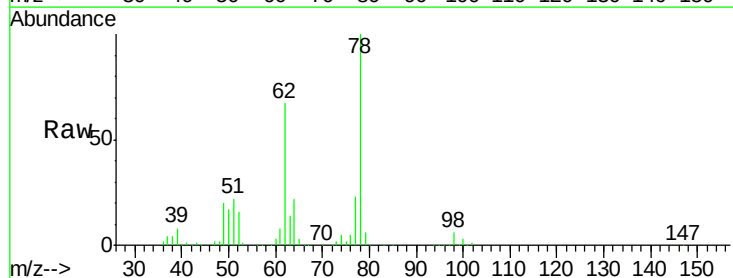
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

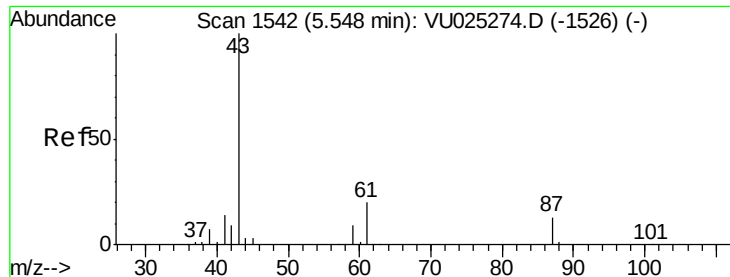
Tgt Ion:	41	Resp:	172841
Ion	Ratio	Lower	Upper
41	100		
39	55.5	44.4	66.6
67	69.2	56.0	84.0
52	29.2	24.6	36.8



#42
1,2-Dichloroethane
Concen: 106.011 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025275.D
Acq: 09 Jul 2018 15:47

Tgt Ion:	62	Resp:	319271
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.4





#43

Isopropyl Acetate

Concen: 106.505 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU025275.D

Acq: 09 Jul 2018 15:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

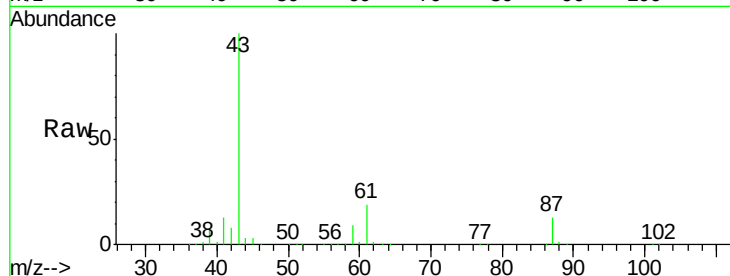
Tgt Ion: 43 Resp: 500072

Ion Ratio Lower Upper

43 100

61 19.3 15.5 23.3

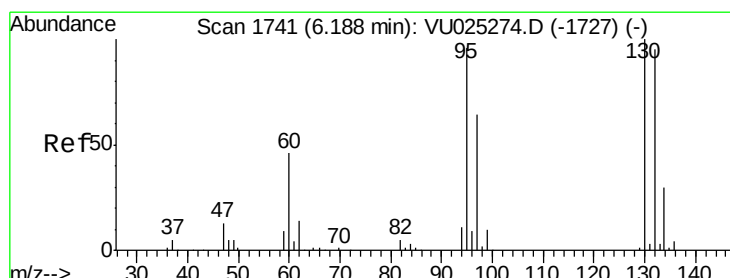
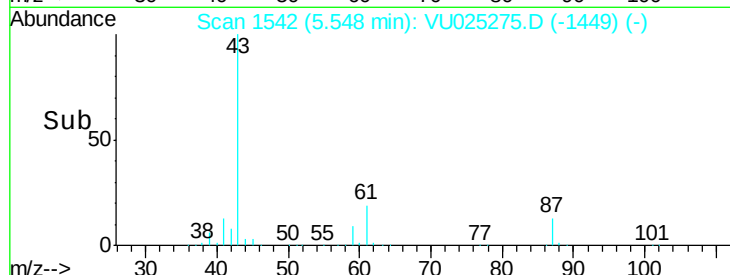
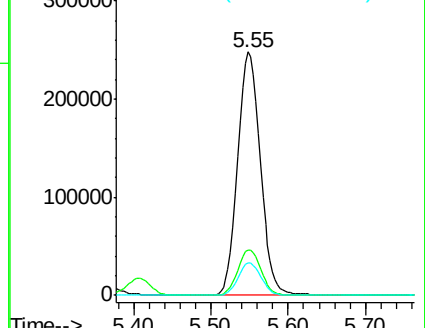
87 13.6 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#44

Trichloroethene

Concen: 105.466 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU025275.D

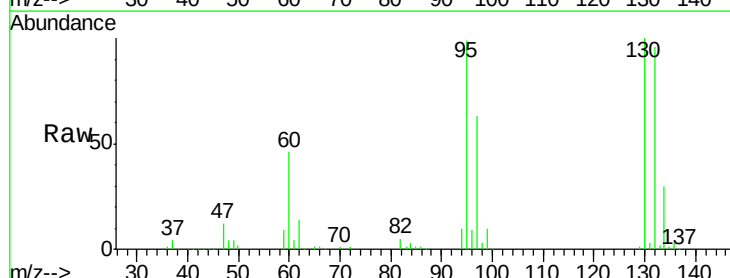
Acq: 09 Jul 2018 15:47

Tgt Ion: 130 Resp: 229438

Ion Ratio Lower Upper

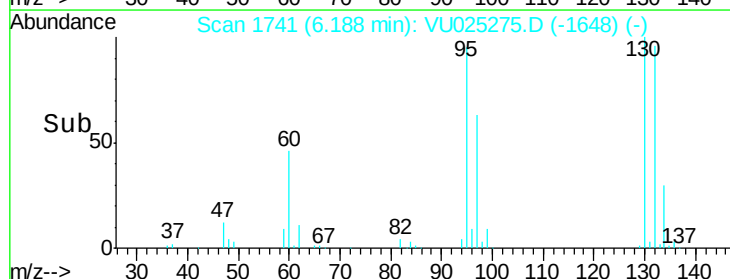
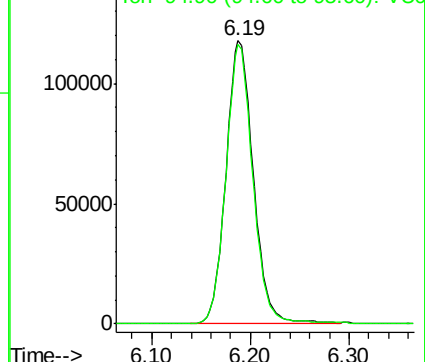
130 100

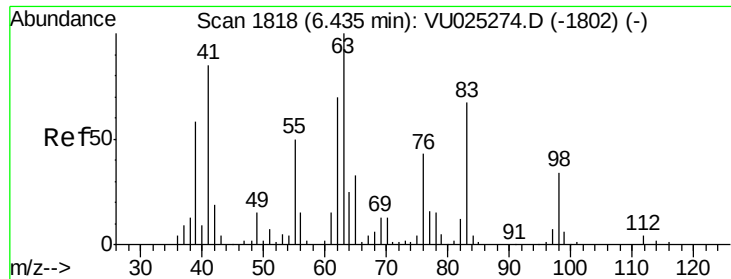
95 98.6 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0





#45

1,2-Dichloropropane

Concen: 107.703 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VU025275.D

Acq: 09 Jul 2018 15:47

Instrument :

MSVOA_U

ClientSampleId :

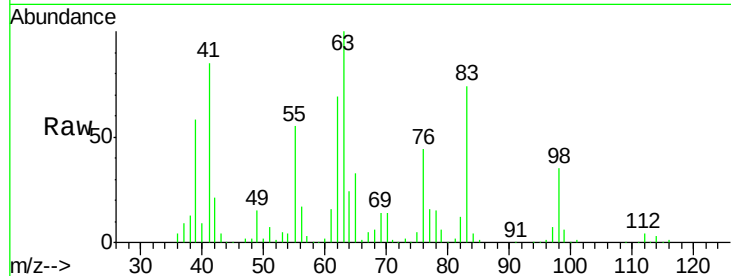
VSTDIC100

Tgt Ion: 63 Resp: 213727

Ion Ratio Lower Upper

63 100

65 32.6 26.1 39.1



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0

6.44

120000

100000

80000

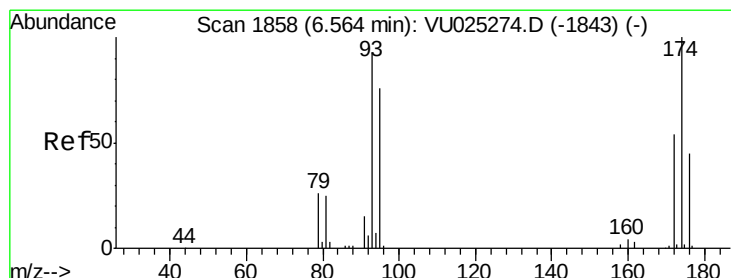
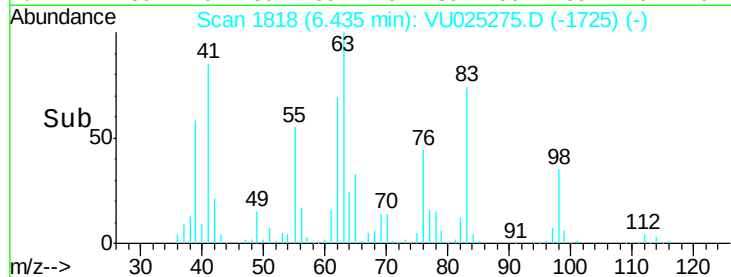
60000

40000

20000

0

Time--> 6.30 6.40 6.50 6.60



#46

Dibromomethane

Concen: 106.222 ug/l

RT: 6.56 min Scan# 1857

Delta R.T. -0.00 min

Lab File: VU025275.D

Acq: 09 Jul 2018 15:47

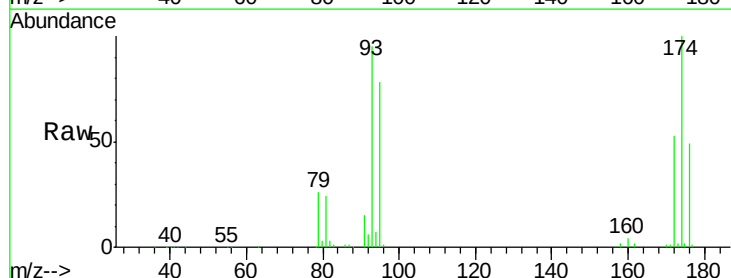
Tgt Ion: 93 Resp: 153399

Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

174 108.9 85.8 128.8



Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V

6.56

120000

100000

80000

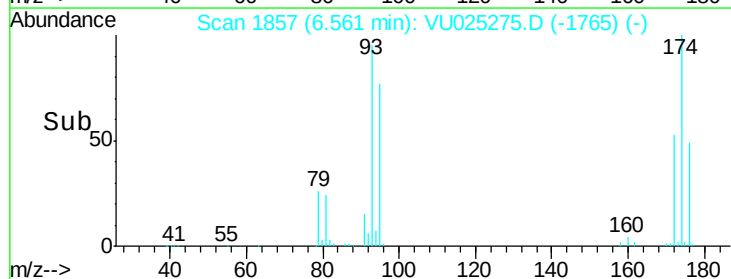
60000

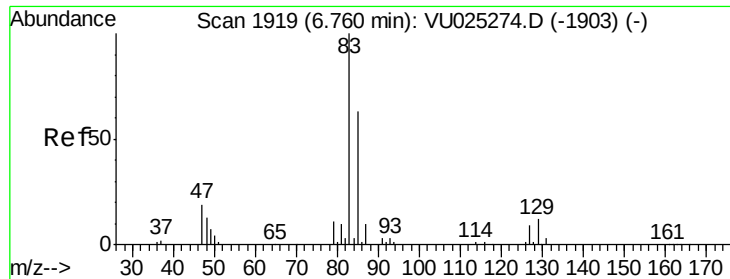
40000

20000

0

Time--> 6.50 6.55 6.60 6.65





#47

Bromodichloromethane

Concen: 110.669 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU025275.D

Acq: 09 Jul 2018 15:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

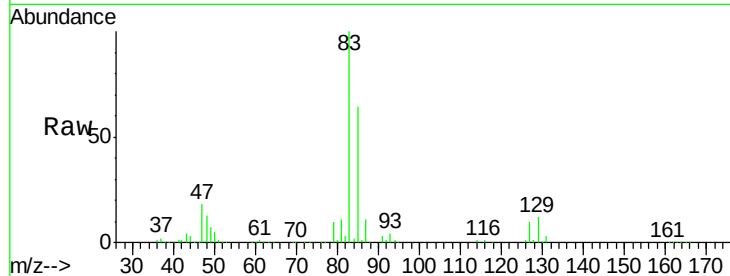
Tgt Ion: 83 Resp: 296894

Ion Ratio Lower Upper

83 100

85 64.5 50.2 75.4

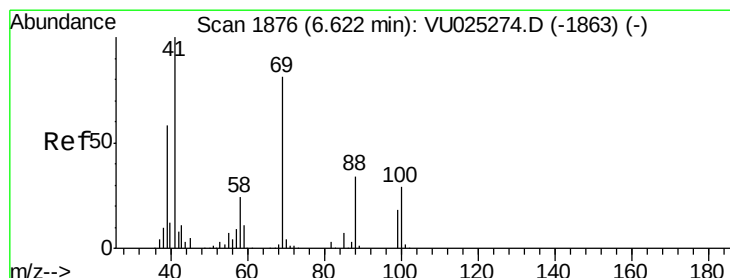
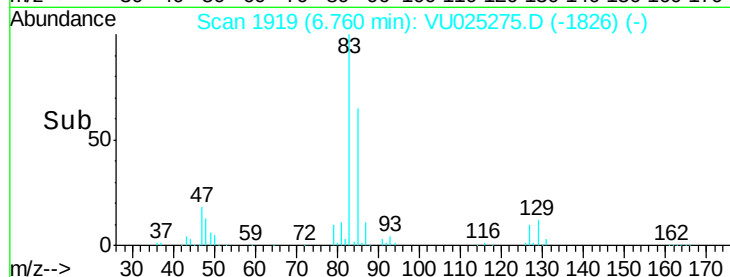
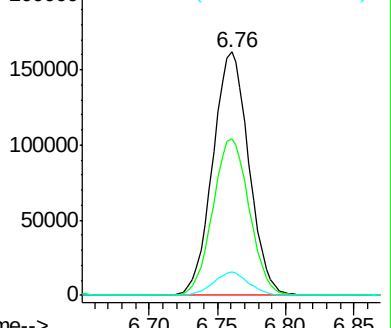
127 9.6 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 107.850 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU025275.D

Acq: 09 Jul 2018 15:47

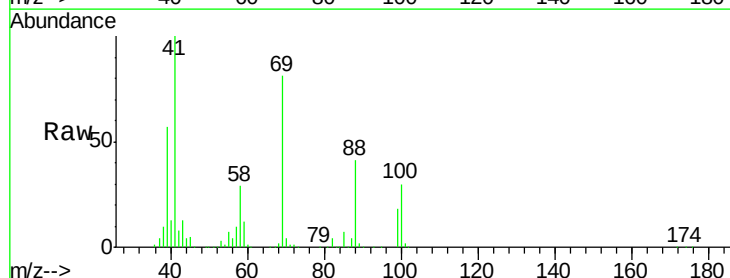
Tgt Ion: 41 Resp: 252446

Ion Ratio Lower Upper

41 100

69 82.6 65.0 97.4

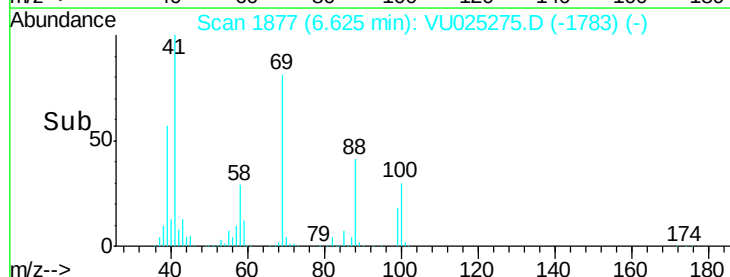
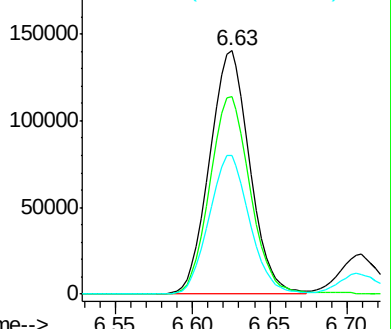
39 57.3 46.4 69.6

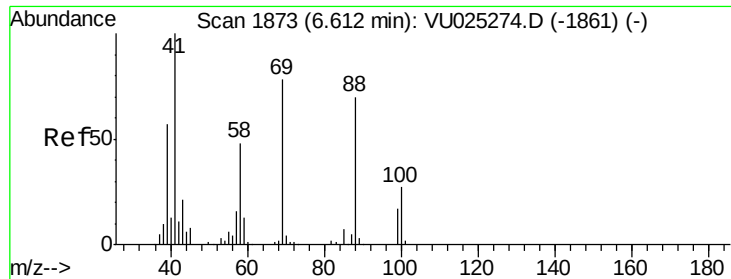


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

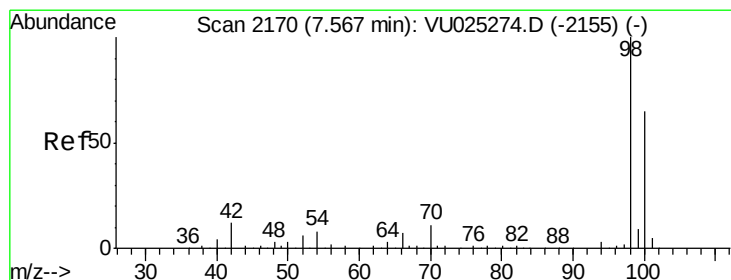
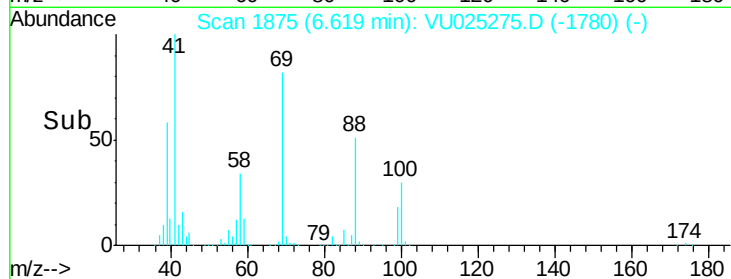
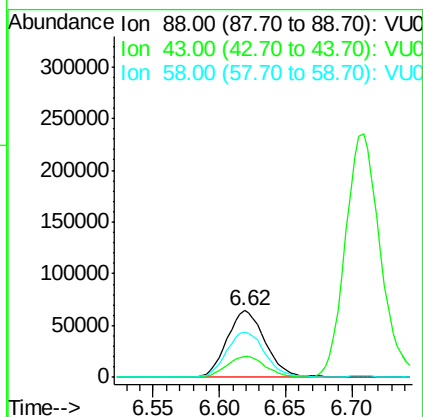
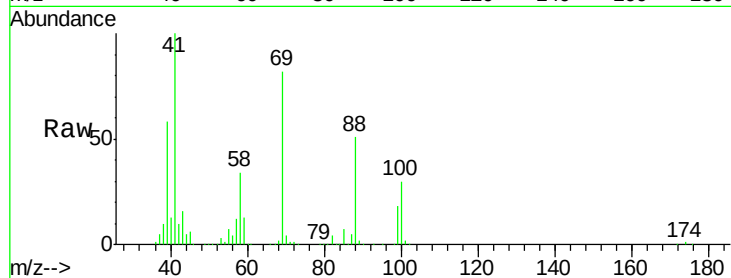




#49
1,4-Dioxane
Concen: 2259.440 ug/l
RT: 6.62 min Scan# 1875
Delta R.T. 0.01 min
Lab File: VU025275.D
Acq: 09 Jul 2018 15:47

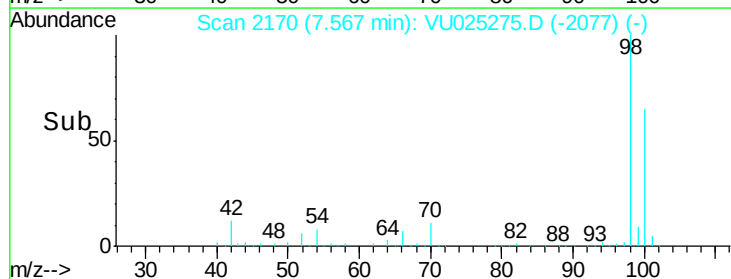
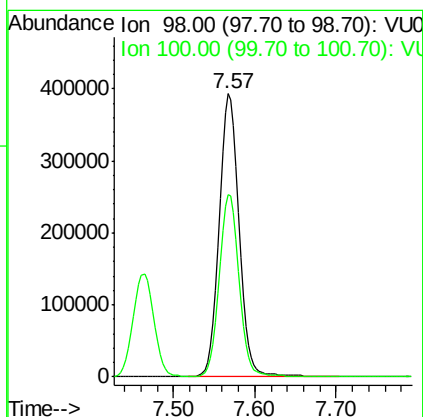
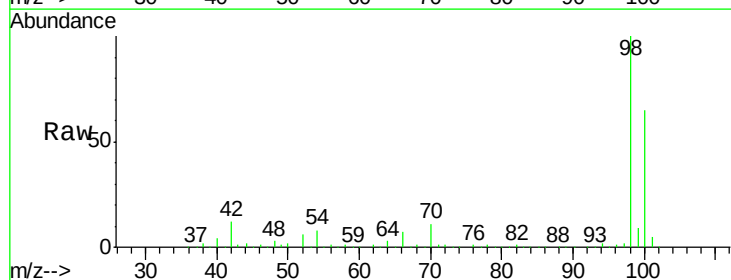
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

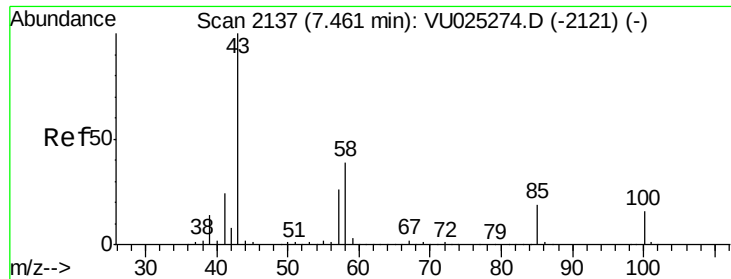
Tgt Ion: 88 Resp: 127258
Ion Ratio Lower Upper
88 100
43 32.4 27.3 40.9
58 69.8 57.6 86.4



#50
Toluene-d8
Concen: 100.086 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025275.D
Acq: 09 Jul 2018 15:47

Tgt Ion: 98 Resp: 683728
Ion Ratio Lower Upper
98 100
100 63.5 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 526.149 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: VU025275.D

Acq: 09 Jul 2018 15:47

Instrument :

MSVOA_U

ClientSampleId :

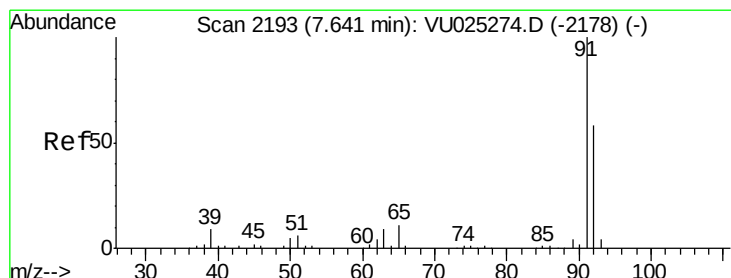
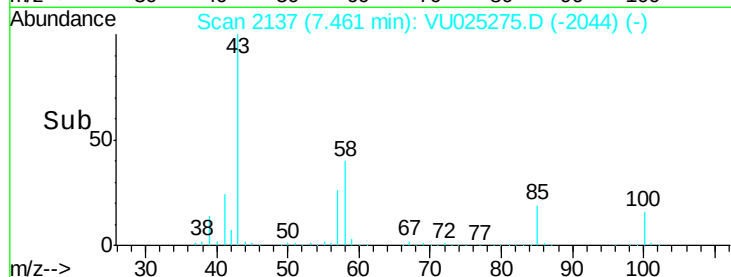
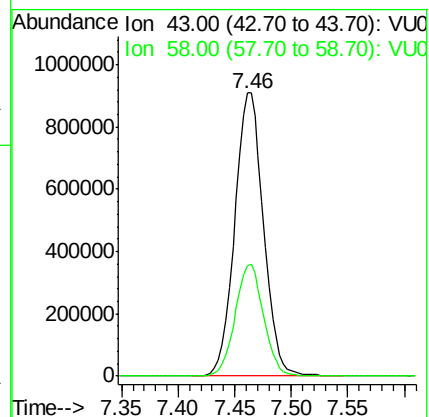
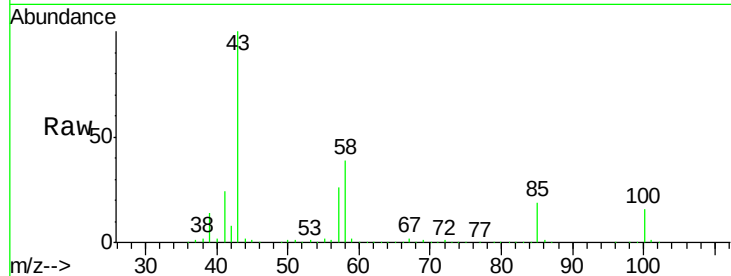
VSTDIC100

Tgt Ion: 43 Resp: 1605669

Ion Ratio Lower Upper

43 100

58 39.1 31.0 46.4



#52

Toluene

Concen: 108.183 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU025275.D

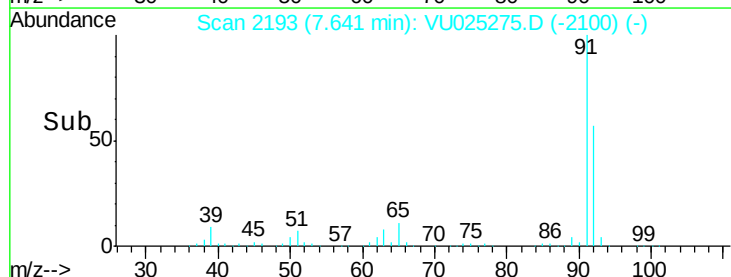
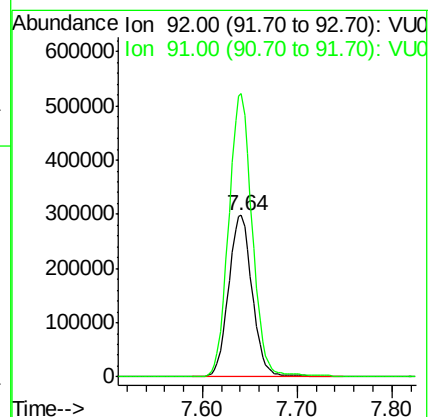
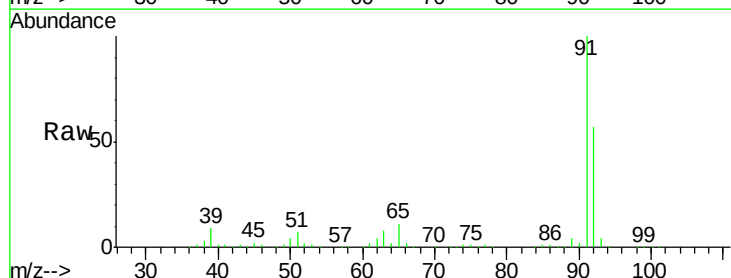
Acq: 09 Jul 2018 15:47

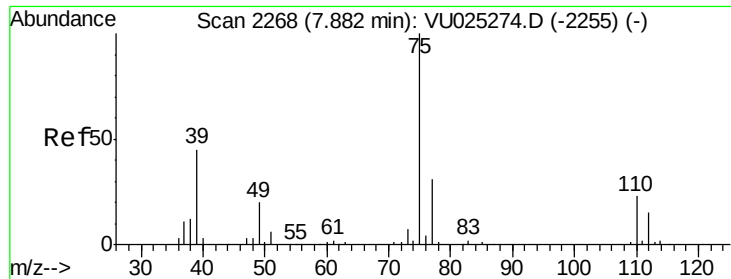
Tgt Ion: 92 Resp: 521465

Ion Ratio Lower Upper

92 100

91 174.5 139.2 208.8

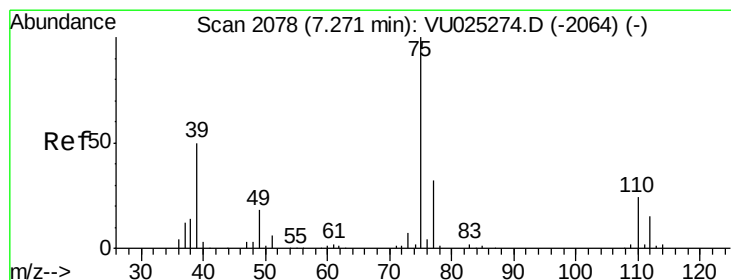
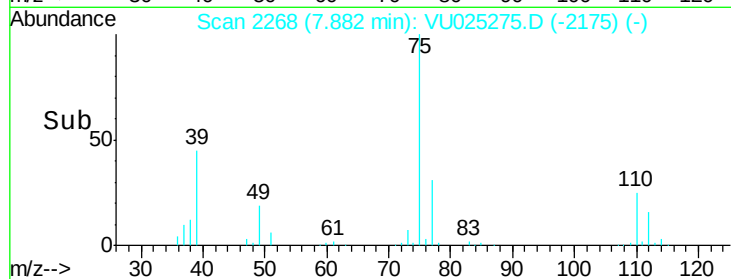
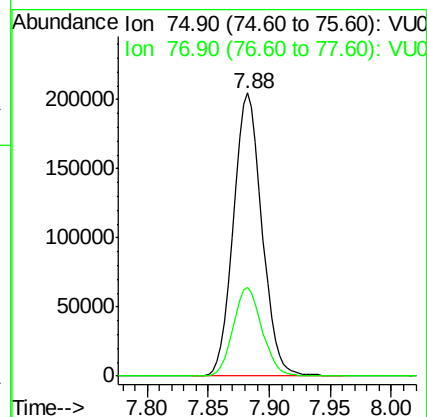
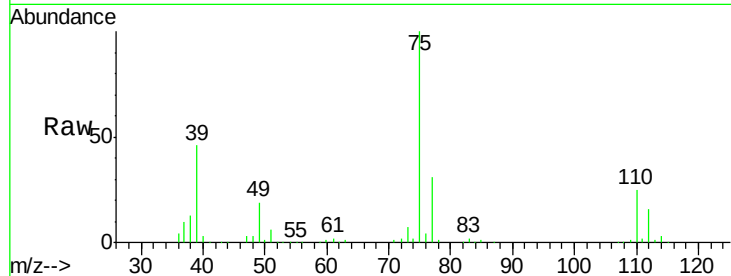




#53
t-1,3-Dichloropropene
Concen: 113.586 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VU025275.D
Acq: 09 Jul 2018 15:47

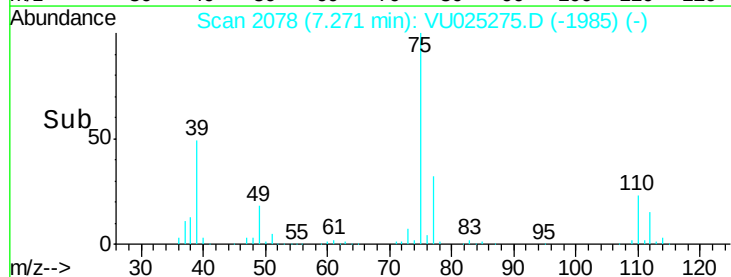
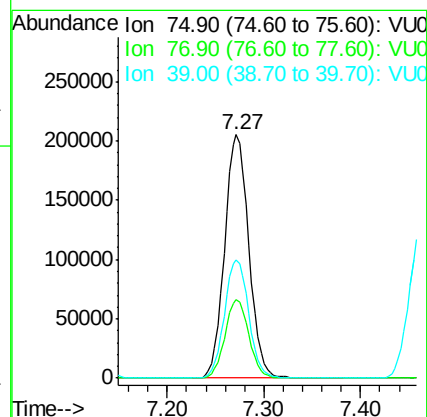
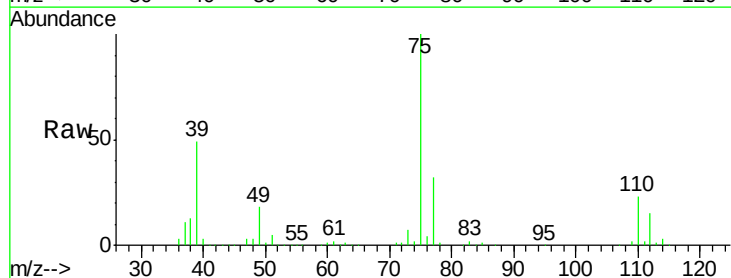
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

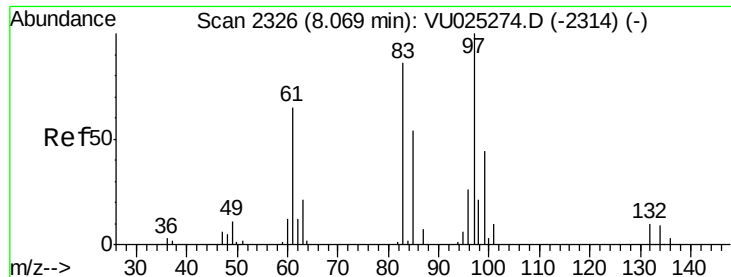
Tgt Ion: 75 Resp: 334799
Ion Ratio Lower Upper
75 100
77 31.2 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 113.504 ug/l
RT: 7.27 min Scan# 2078
Delta R.T. -0.00 min
Lab File: VU025275.D
Acq: 09 Jul 2018 15:47

Tgt Ion: 75 Resp: 356066
Ion Ratio Lower Upper
75 100
77 32.4 25.6 38.4
39 48.6 40.0 60.0

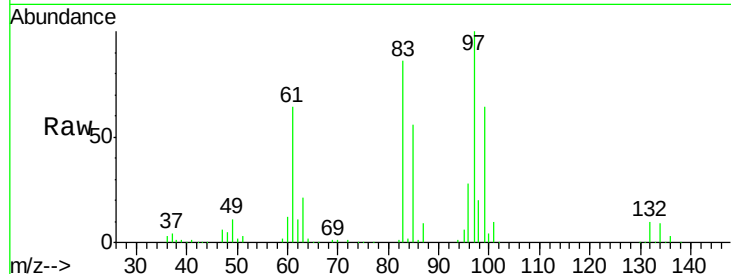




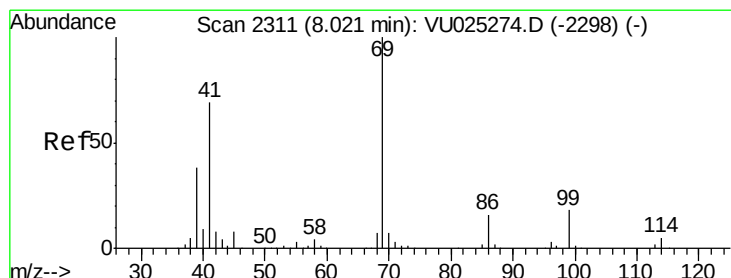
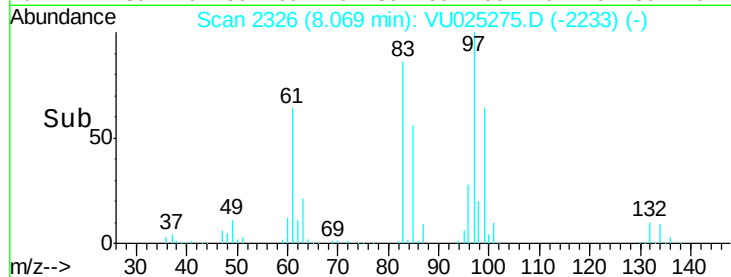
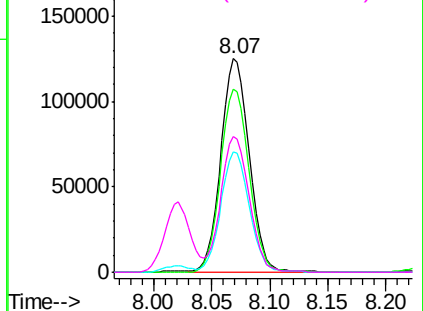
#55
 1,1,2-Trichloroethane
 Concen: 105.125 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: VU025275.D
 Acq: 09 Jul 2018 15:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

Tgt Ion:	97	Resp:	211037
Ion	Ratio	Lower	Upper
97	100		
83	85.8	68.9	103.3
85	56.2	44.4	66.6
99	63.6	51.0	76.4

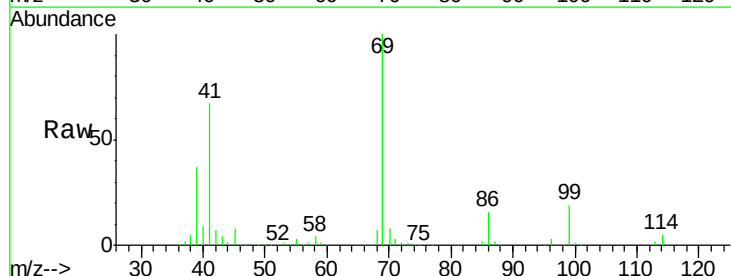


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

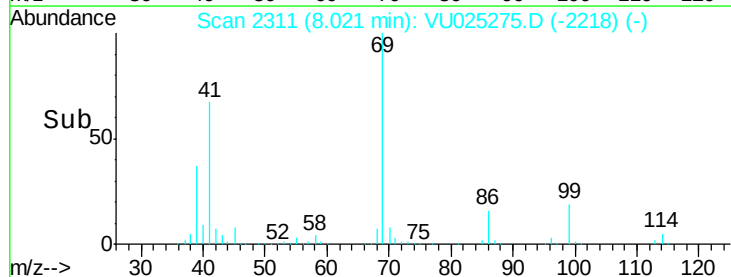
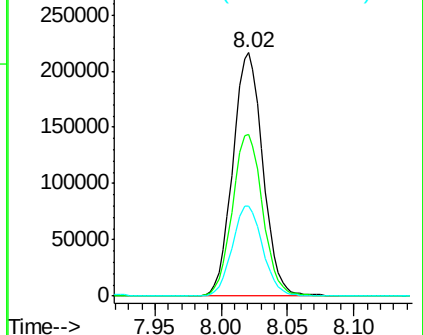


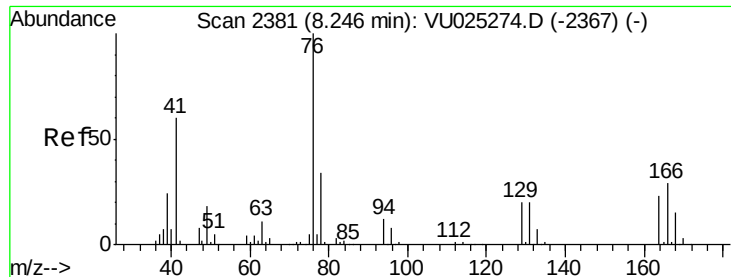
#56
 Ethyl methacrylate
 Concen: 108.924 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU025275.D
 Acq: 09 Jul 2018 15:47

Tgt Ion:	69	Resp:	341524
Ion	Ratio	Lower	Upper
69	100		
41	67.0	54.8	82.2
39	37.3	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

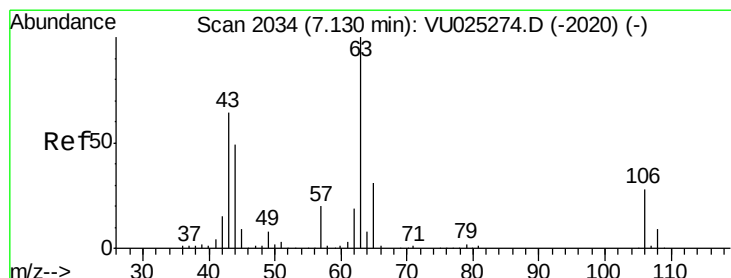
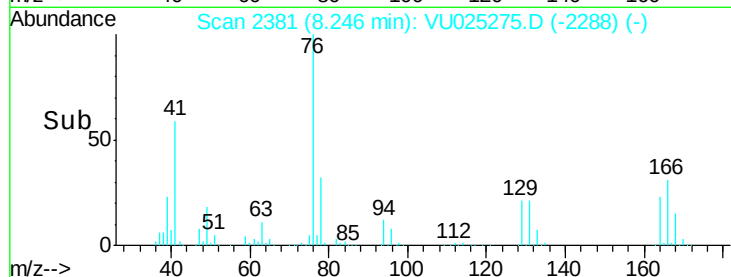
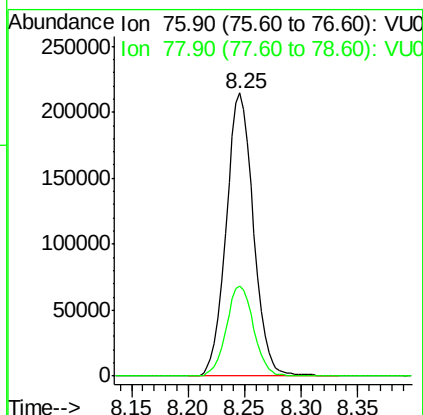
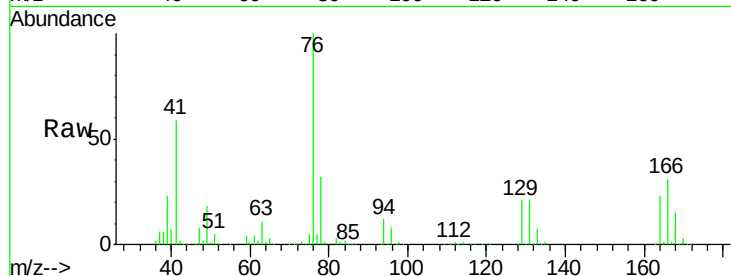




#57
 1,3-Dichloropropane
 Concen: 107.797 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU025275.D
 Acq: 09 Jul 2018 15:47

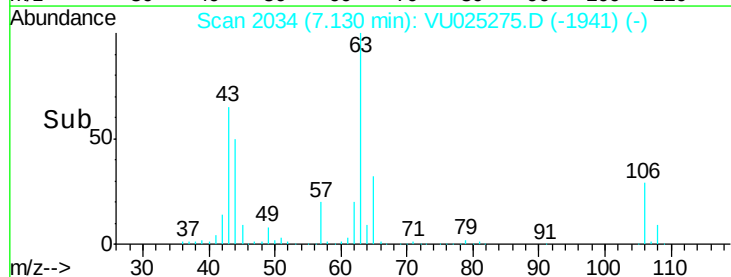
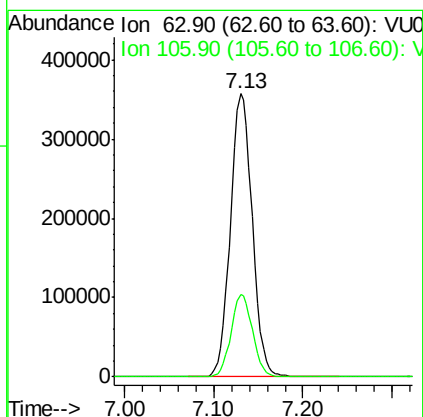
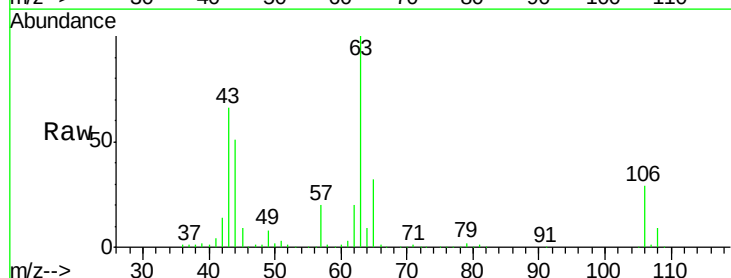
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

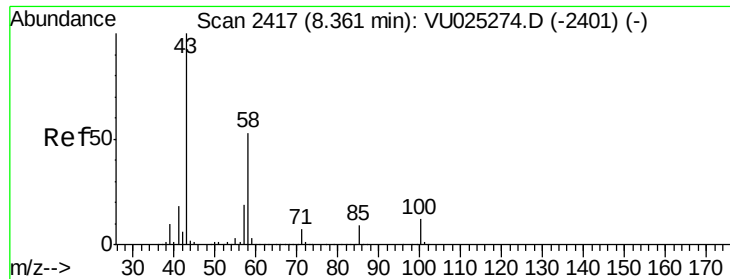
Tgt Ion: 76 Resp: 359247
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 547.563 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: VU025275.D
 Acq: 09 Jul 2018 15:47

Tgt Ion: 63 Resp: 605845
 Ion Ratio Lower Upper
 63 100
 106 28.7 22.3 33.5

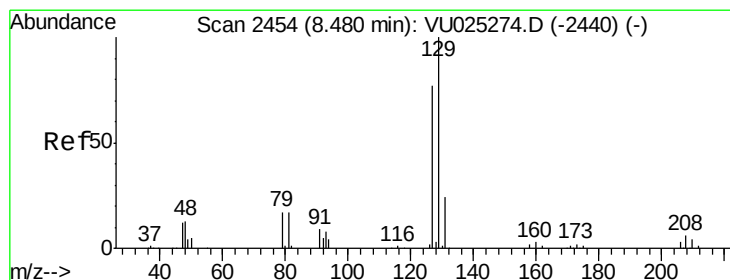
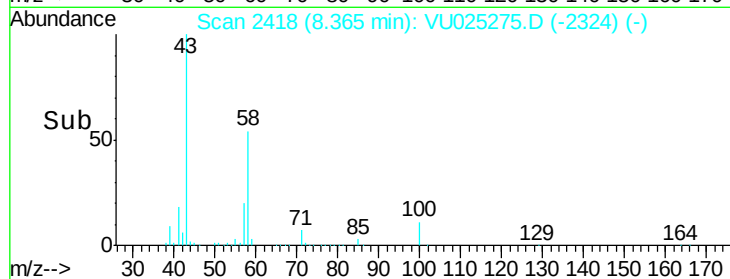
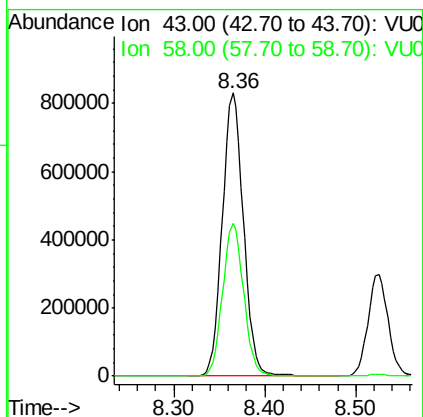
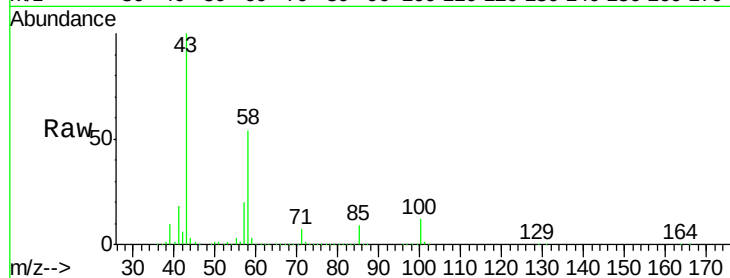




#59
2-Hexanone
Concen: 542.615 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025275.D
Acq: 09 Jul 2018 15:47

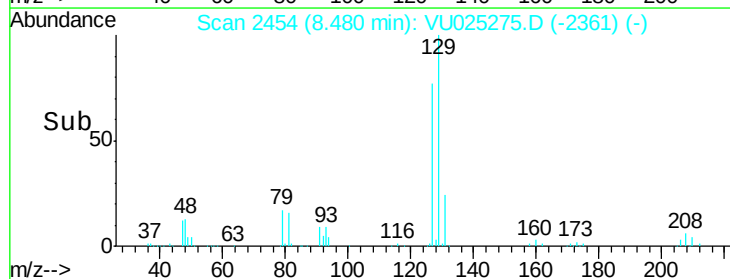
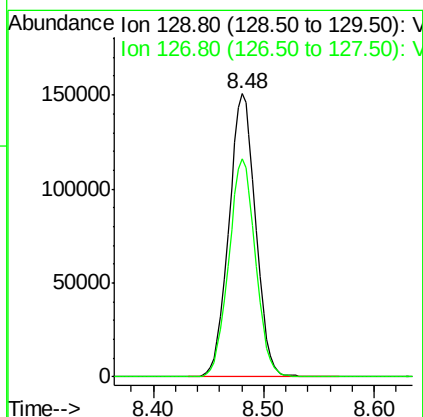
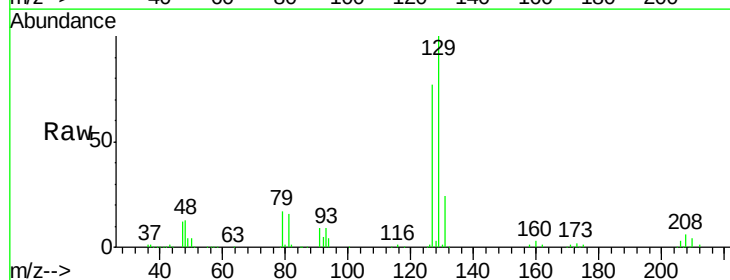
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

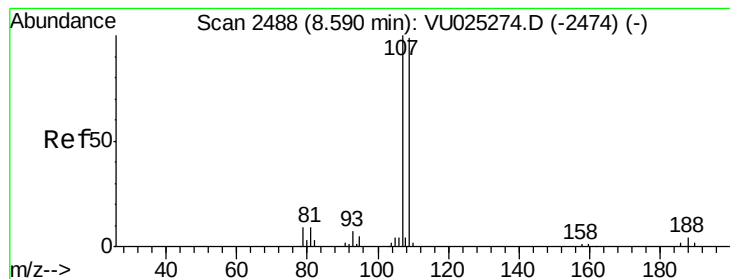
Tgt Ion: 43 Resp: 1343168
Ion Ratio Lower Upper
43 100
58 53.8 26.2 78.5



#60
Dibromochloromethane
Concen: 116.633 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU025275.D
Acq: 09 Jul 2018 15:47

Tgt Ion: 129 Resp: 252862
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.8





#61

1,2-Dibromoethane

Concen: 108.926 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU025275.D

Acq: 09 Jul 2018 15:47

Instrument :

MSVOA_U

ClientSampleId :

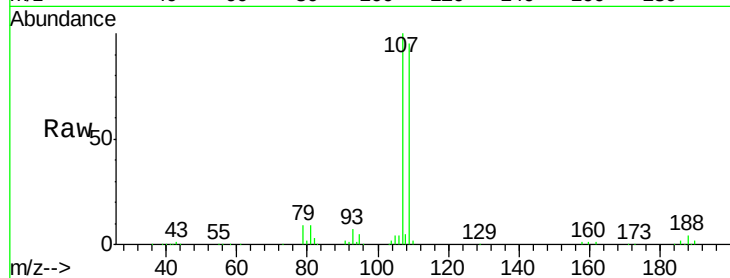
VSTDIC100

Tgt Ion: 107 Resp: 233976

Ion Ratio Lower Upper

107 100

109 95.5 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.59

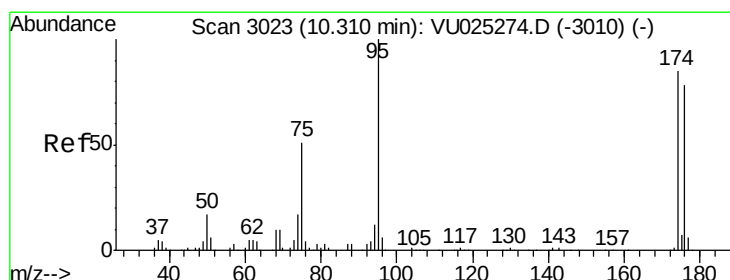
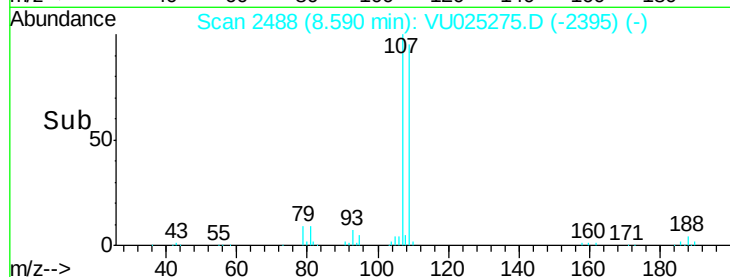
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 103.539 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025275.D

Acq: 09 Jul 2018 15:47

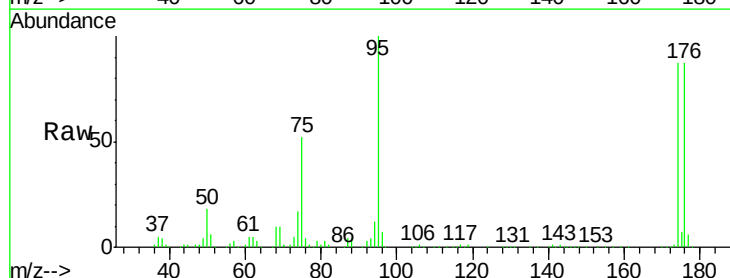
Tgt Ion: 95 Resp: 284769

Ion Ratio Lower Upper

95 100

174 86.6 0.0 172.2

176 84.9 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

250000

200000

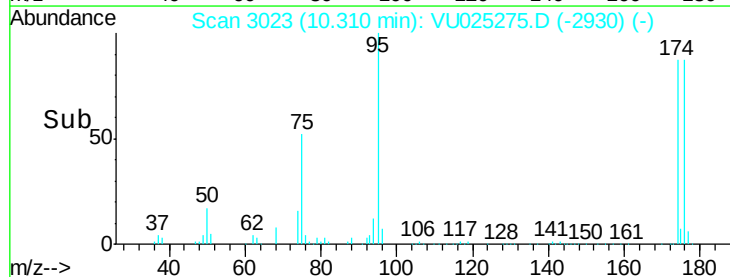
150000

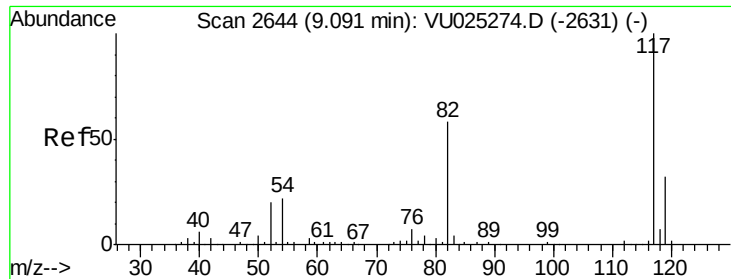
100000

50000

0

Time-->

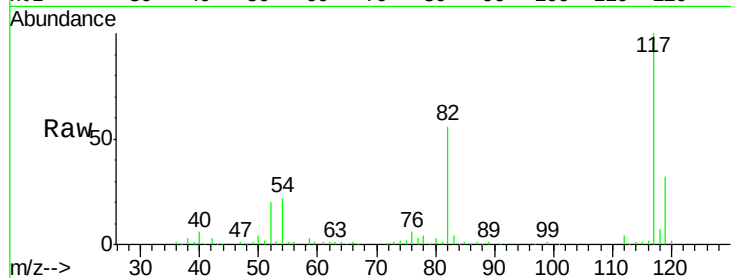




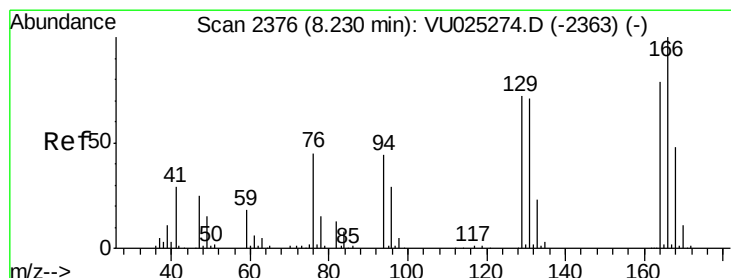
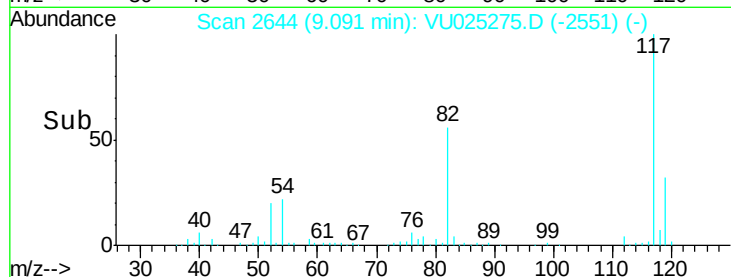
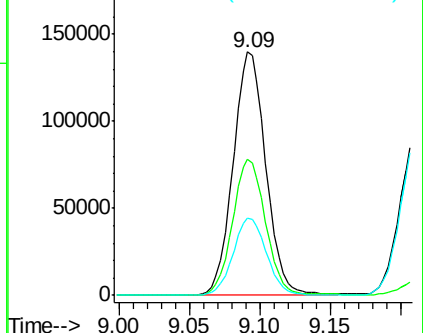
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025275.D
Acq: 09 Jul 2018 15:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 227541
Ion Ratio Lower Upper
117 100
82 55.9 46.0 69.0
119 31.7 26.0 39.0

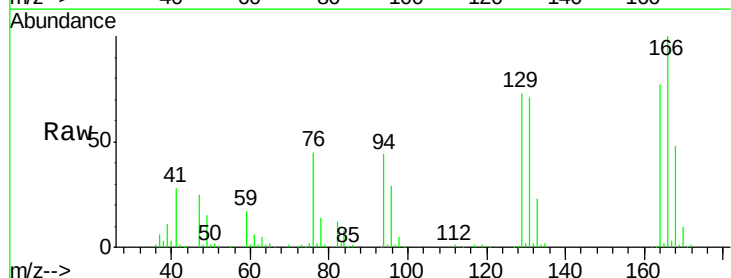


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

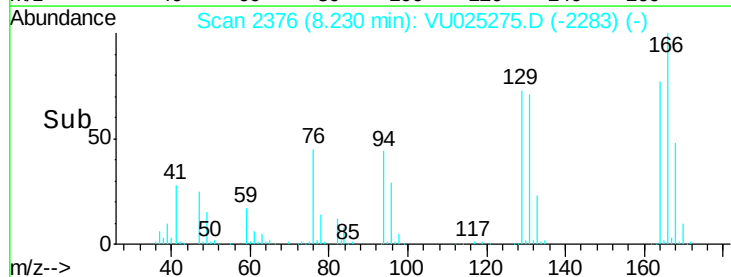
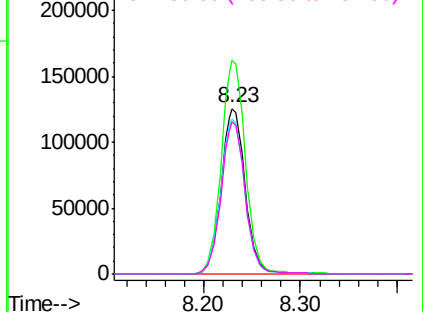


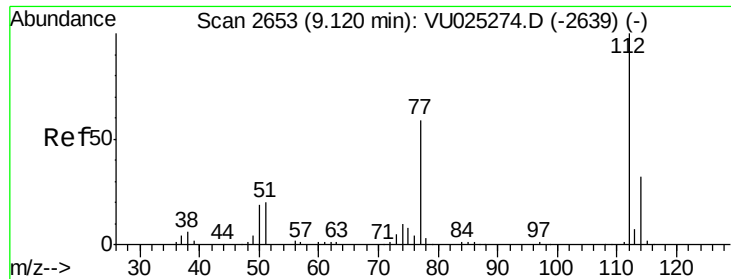
#64
Tetrachloroethene
Concen: 104.077 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU025275.D
Acq: 09 Jul 2018 15:47

Tgt Ion:164 Resp: 215871
Ion Ratio Lower Upper
164 100
166 129.1 101.1 151.7
129 94.0 73.0 109.6
131 91.9 72.1 108.1



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

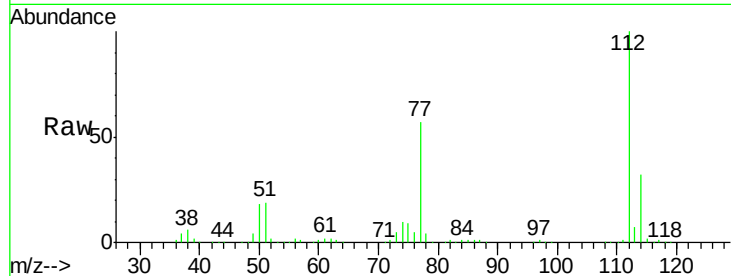




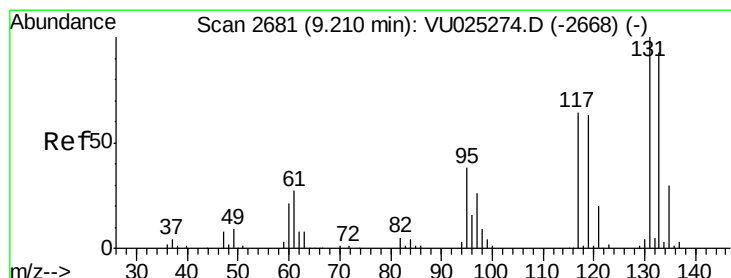
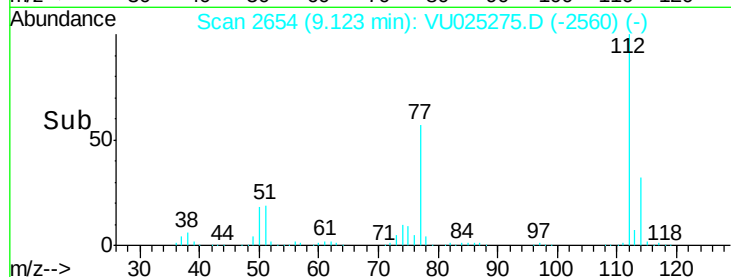
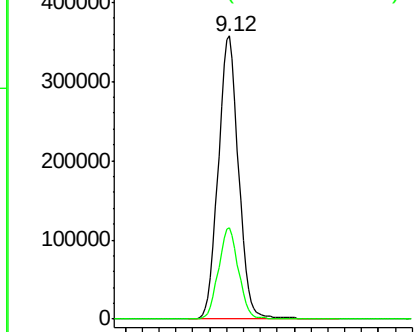
#65
Chlorobenzene
Concen: 105.409 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025275.D
Acq: 09 Jul 2018 15:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 599166
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8

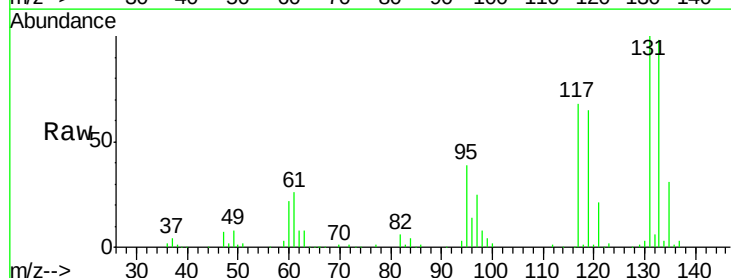


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

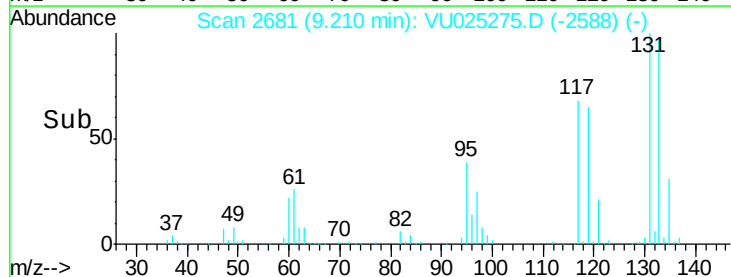
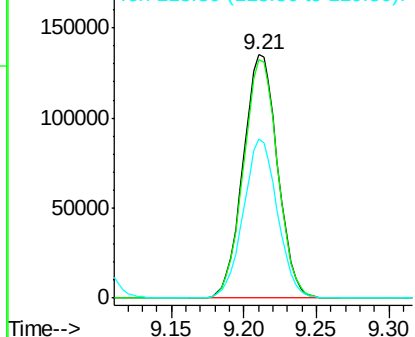


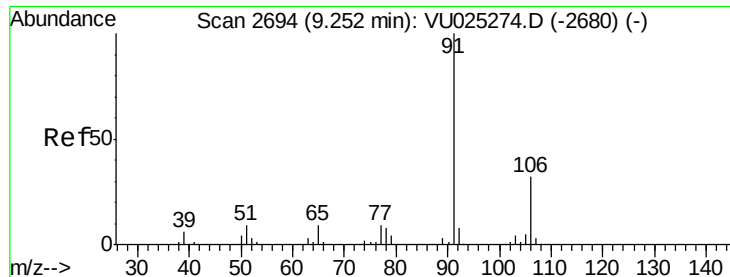
#66
1,1,1,2-Tetrachloroethane
Concen: 109.905 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU025275.D
Acq: 09 Jul 2018 15:47

Tgt Ion:131 Resp: 223470
Ion Ratio Lower Upper
131 100
133 97.3 47.8 143.3
119 64.5 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

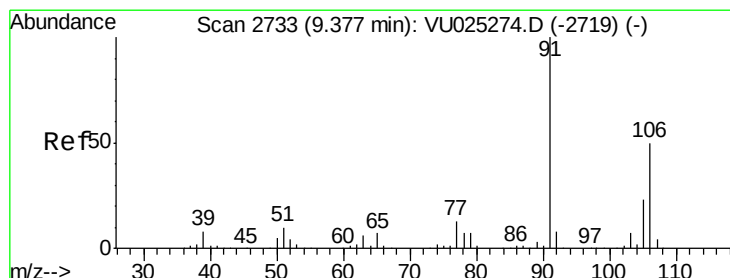
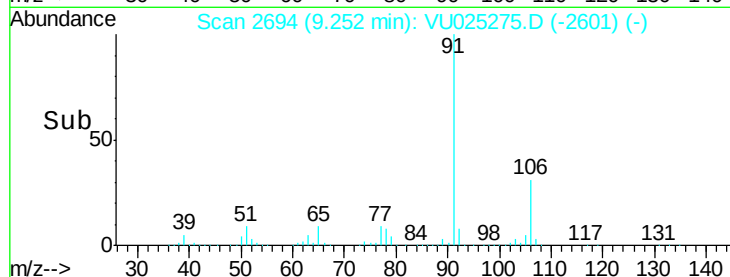
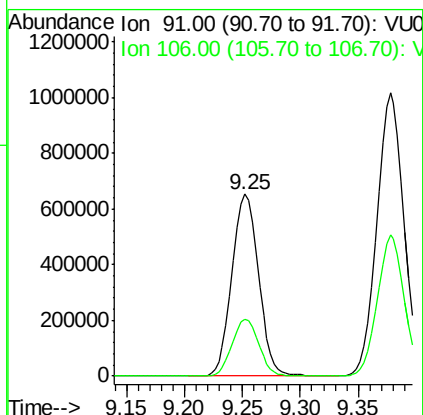
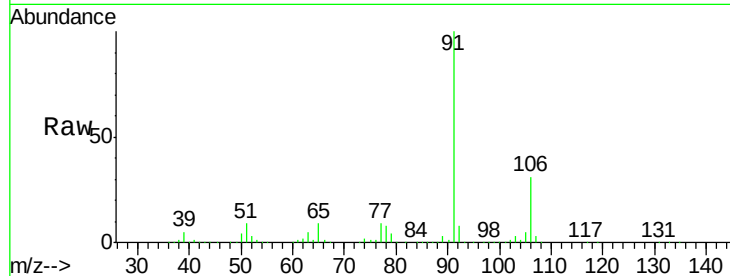




#67
Ethyl Benzene
Concen: 107.474 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VU025275.D
Acq: 09 Jul 2018 15:47

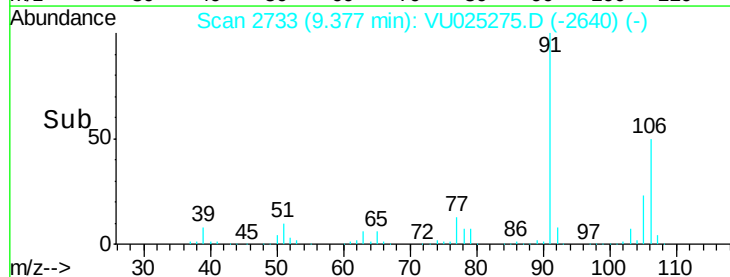
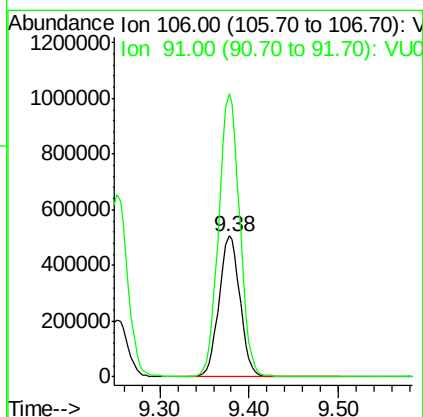
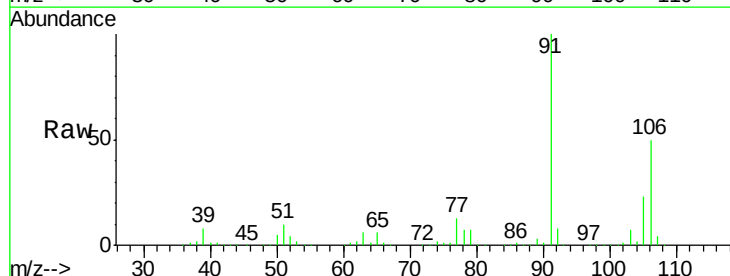
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

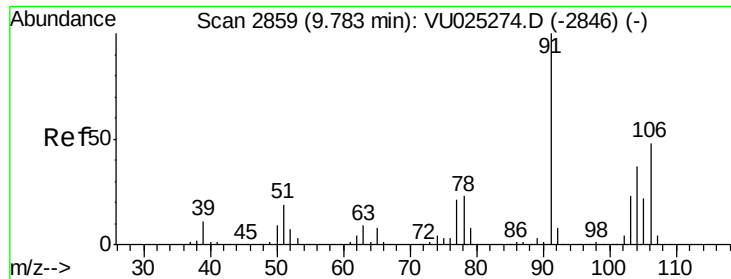
Tgt Ion: 91 Resp: 1041496
Ion Ratio Lower Upper
91 100
106 31.4 25.3 37.9



#68
m/p-Xylenes
Concen: 220.658 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU025275.D
Acq: 09 Jul 2018 15:47

Tgt Ion: 106 Resp: 826702
Ion Ratio Lower Upper
106 100
91 201.1 162.3 243.5

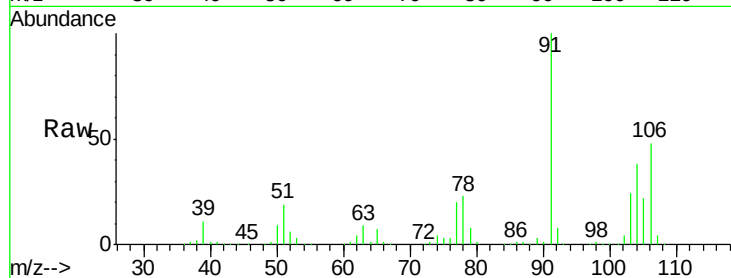




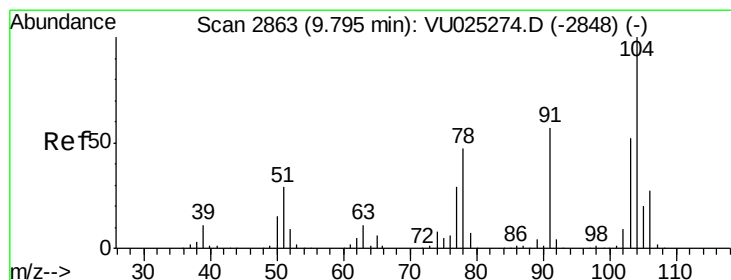
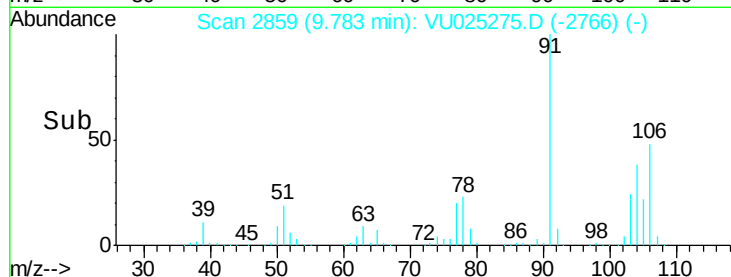
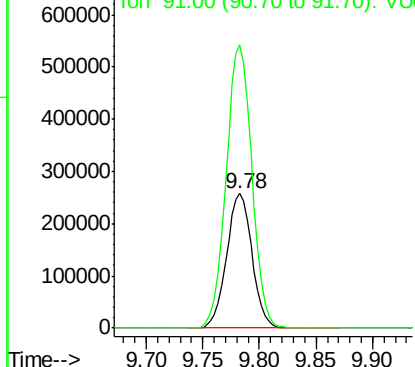
#69
o-Xylene
Concen: 107.154 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025275.D
Acq: 09 Jul 2018 15:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 401923
Ion Ratio Lower Upper
106 100
91 213.2 105.3 315.8

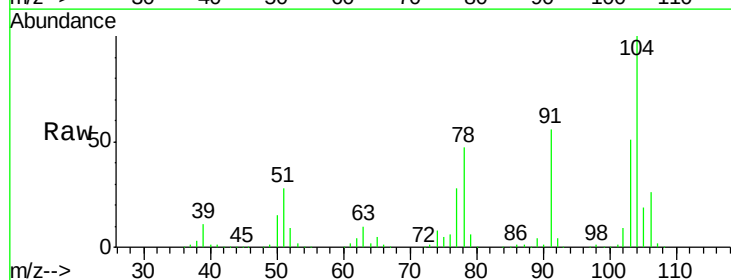


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

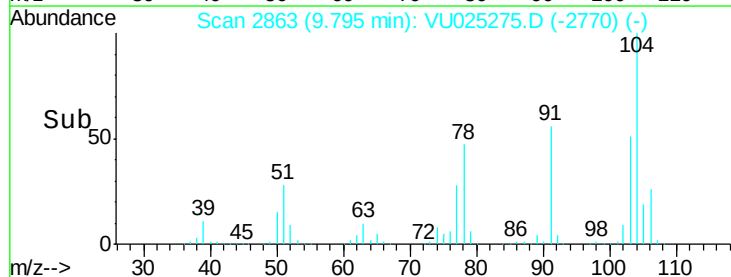
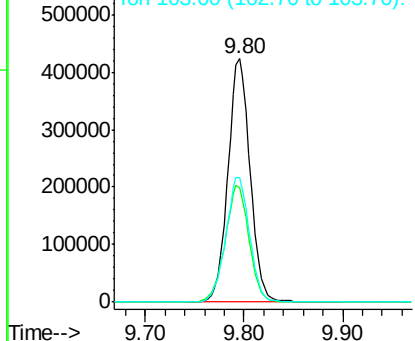


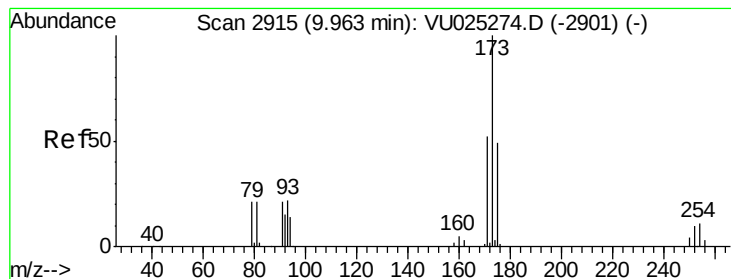
#70
Styrene
Concen: 111.975 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU025275.D
Acq: 09 Jul 2018 15:47

Tgt Ion:104 Resp: 667154
Ion Ratio Lower Upper
104 100
78 51.7 41.6 62.4
103 55.1 44.6 66.8



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





#71

Bromoform

Concen: 115.682 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. -0.00 min

Lab File: VU025275.D

Acq: 09 Jul 2018 15:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

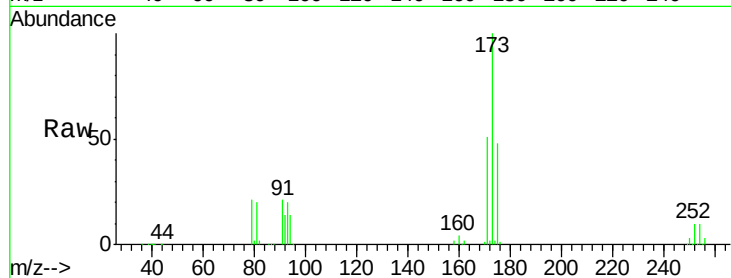
Tgt Ion:173 Resp: 203423

Ion Ratio Lower Upper

173 100

175 48.6 24.0 72.0

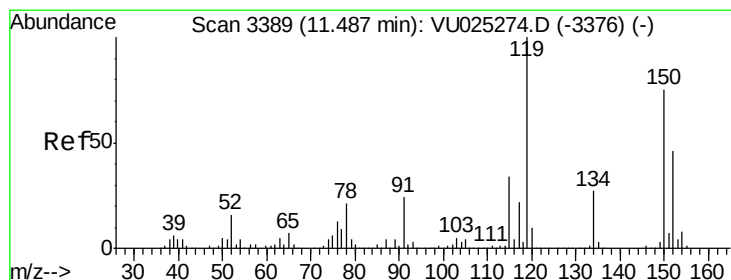
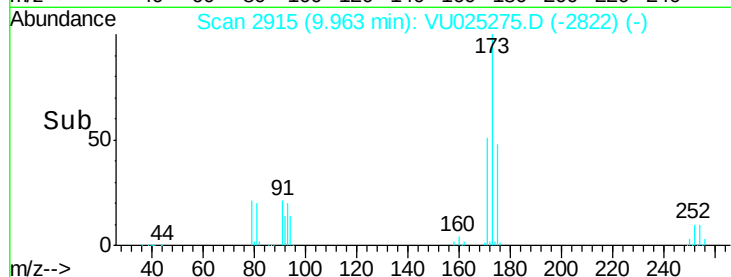
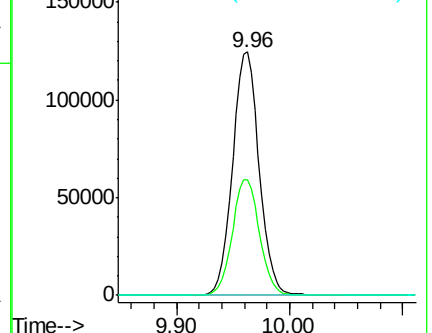
254 0.1 0.0 0.0#



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: VU025275.D

Acq: 09 Jul 2018 15:47

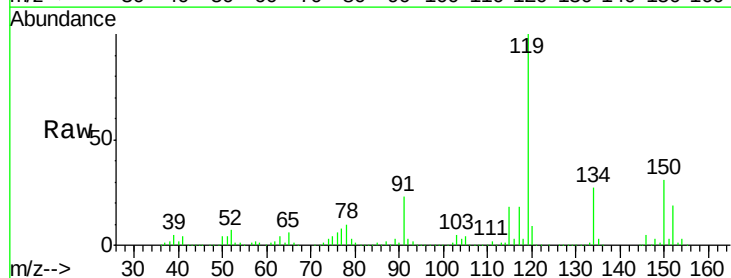
Tgt Ion:152 Resp: 147939

Ion Ratio Lower Upper

152 100

115 109.1 40.1 120.3

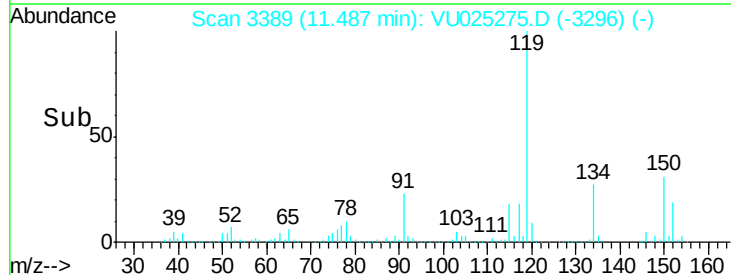
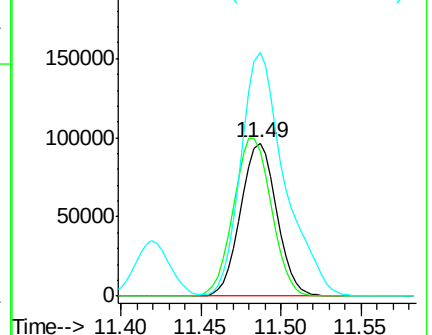
150 194.8 0.0 351.4

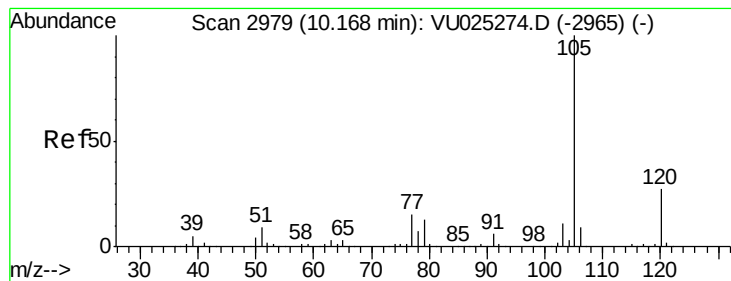


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 96.260 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025275.D

Acq: 09 Jul 2018 15:47

Instrument :

MSVOA_U

ClientSampleId :

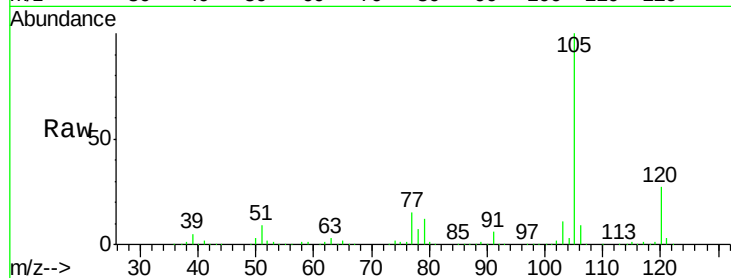
VSTDIC100

Tgt Ion: 105 Resp: 1088062

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

400000

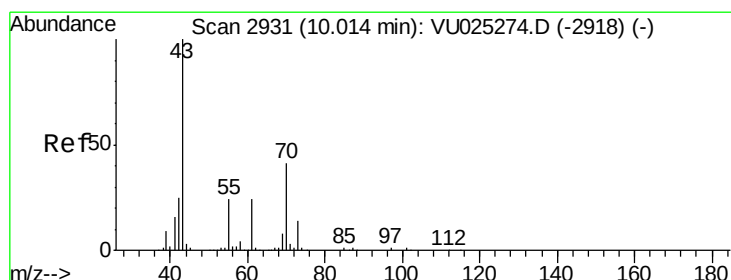
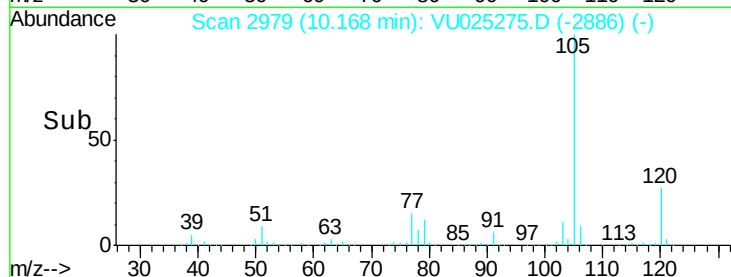
200000

0

10.10

10.20

Time-->



#74

N-ethyl acetate

Concen: 99.303 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU025275.D

Acq: 09 Jul 2018 15:47

Tgt Ion: 43 Resp: 487272

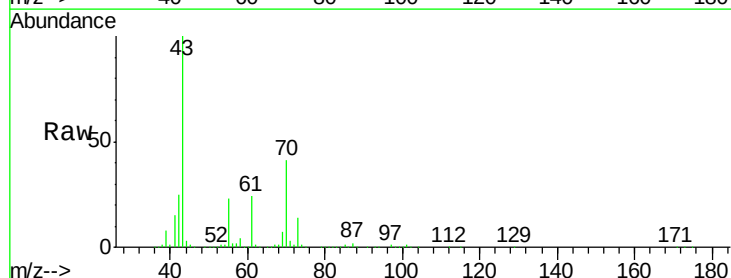
Ion Ratio Lower Upper

43 100

70 41.5 33.4 50.2

55 23.5 19.0 28.6

61 24.0 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

500000

400000

300000

200000

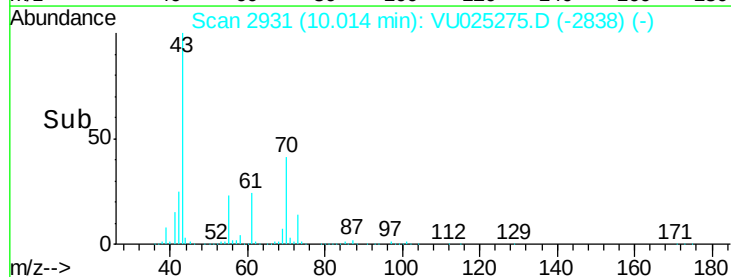
100000

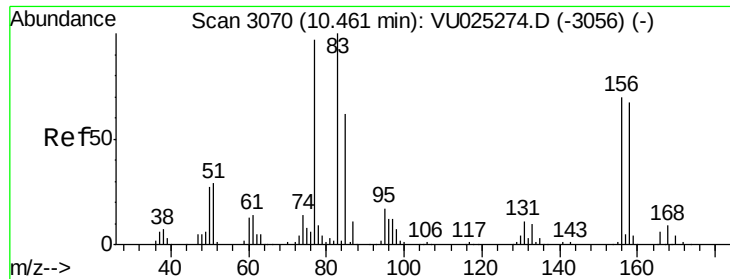
0

10.00

10.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 98.480 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU025275.D

Acq: 09 Jul 2018 15:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

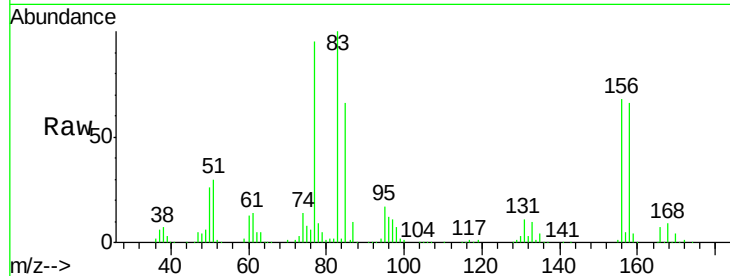
Tgt Ion: 83 Resp: 364181

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

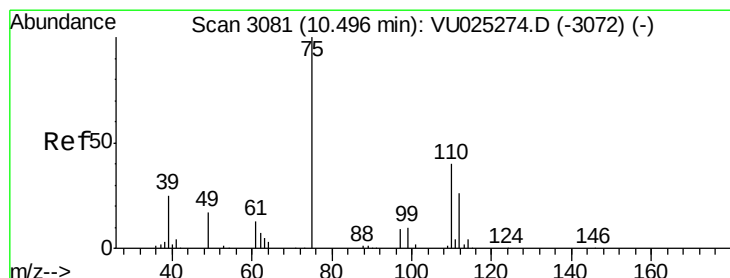
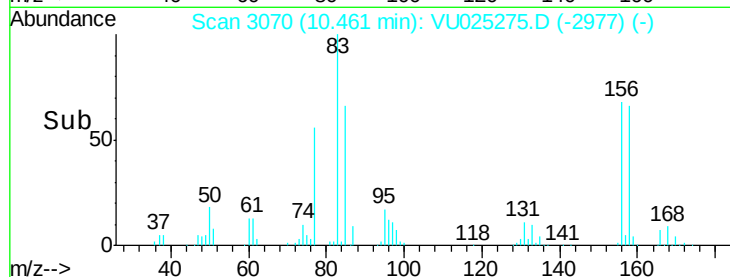
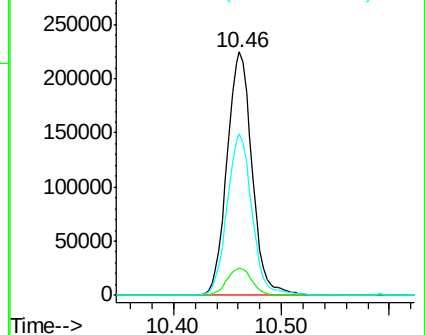
85 65.7 31.6 94.8



Abundance Ion 82.90 (82.60 to 83.60): VU025275.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU025275.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU025275.D (-2977) (-)



#76

1,2,3-Trichloropropane

Concen: 131.441 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU025275.D

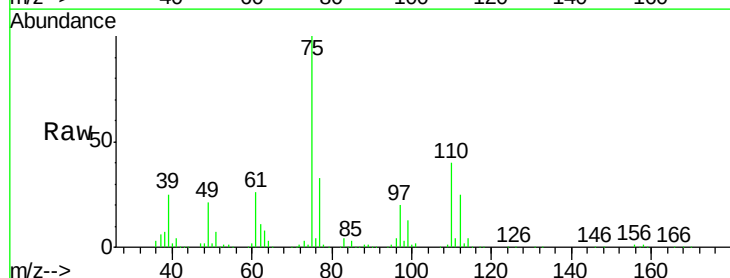
Acq: 09 Jul 2018 15:47

Tgt Ion: 75 Resp: 438633

Ion Ratio Lower Upper

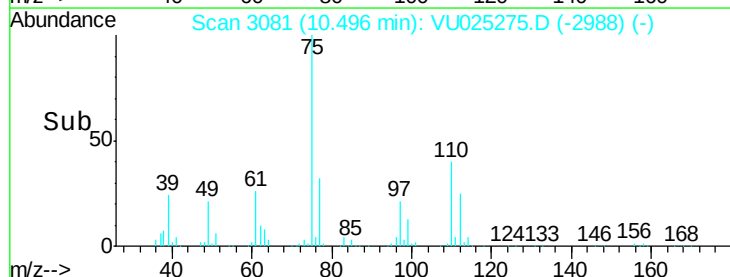
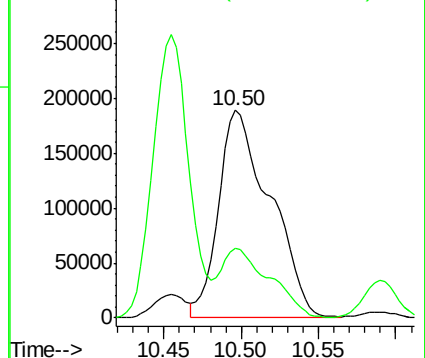
75 100

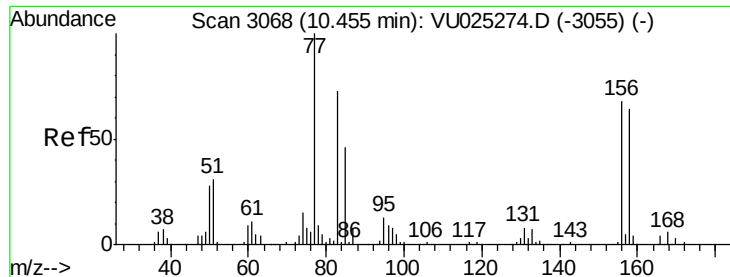
77 30.5 20.4 61.3



Abundance Ion 74.90 (74.60 to 75.60): VU025275.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU025275.D (-2988) (-)





#77

Bromobenzene

Concen: 98.771 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU025275.D

Acq: 09 Jul 2018 15:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

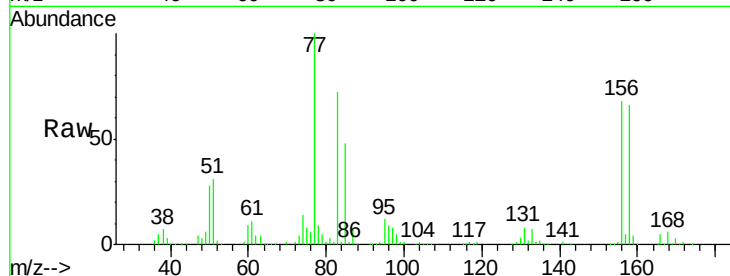
Tgt Ion:156 Resp: 285623

Ion Ratio Lower Upper

156 100

77 145.9 73.8 221.4

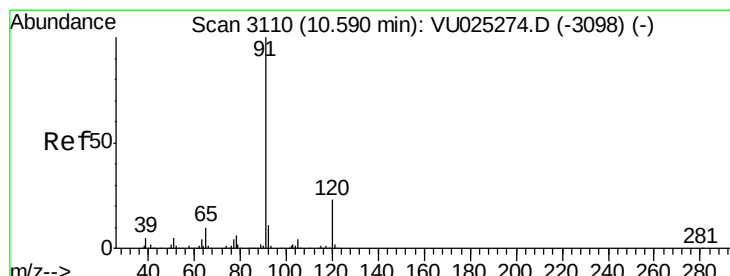
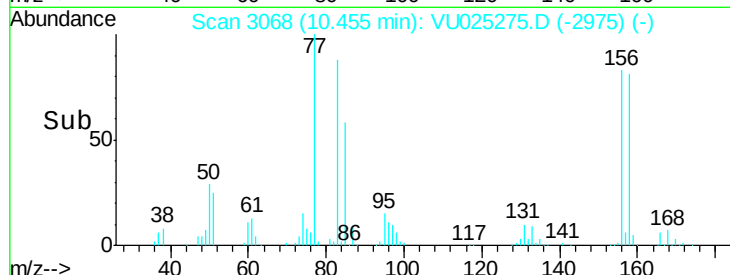
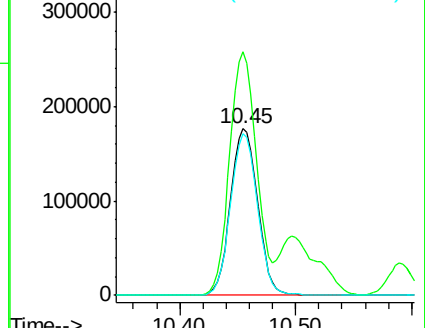
158 96.5 48.0 144.0



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: 101.597 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU025275.D

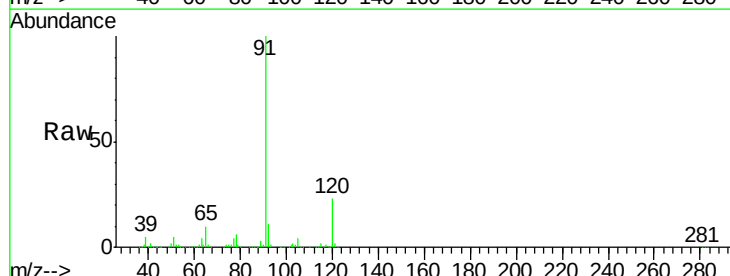
Acq: 09 Jul 2018 15:47

Tgt Ion: 91 Resp: 1274321

Ion Ratio Lower Upper

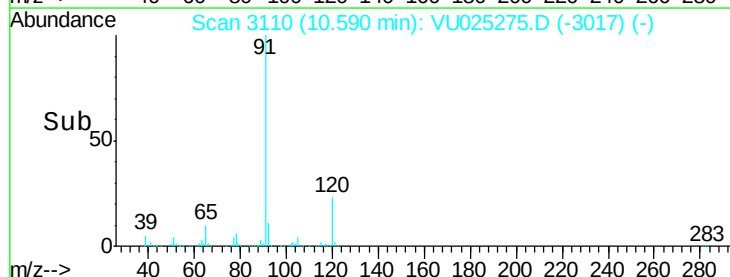
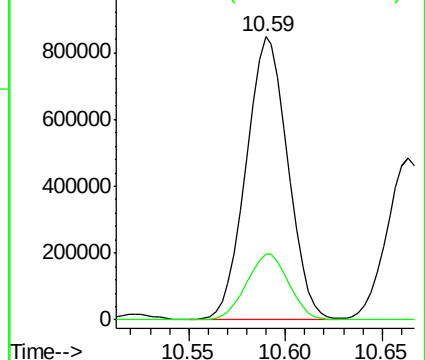
91 100

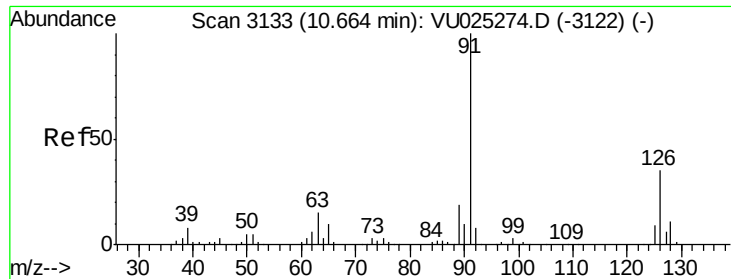
120 23.6 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

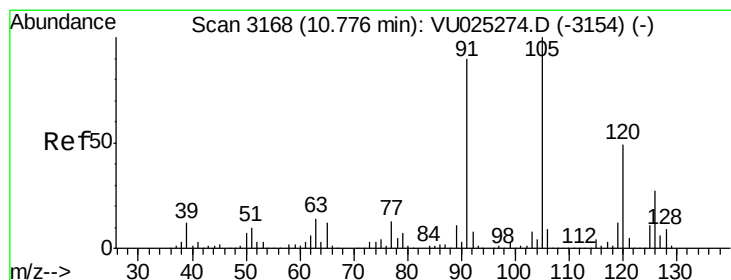
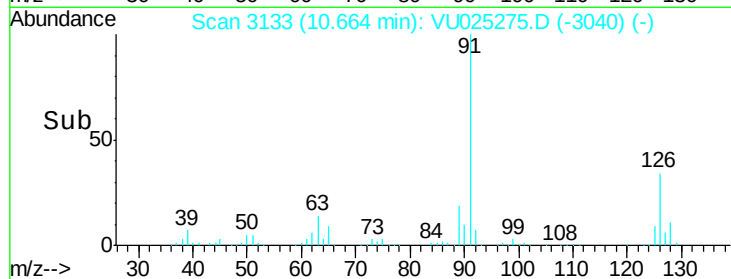
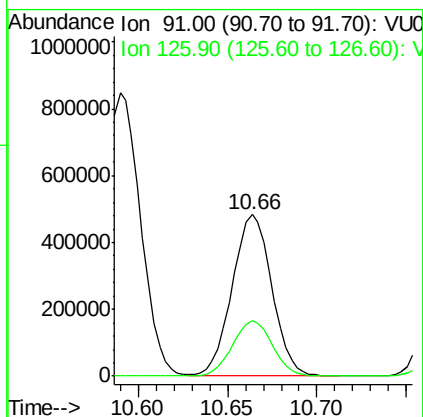
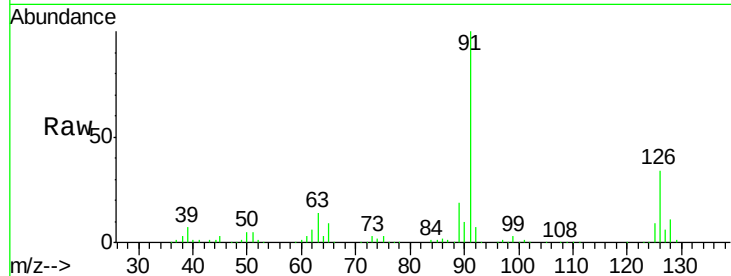




#79
 2-Chlorotoluene
 Concen: 95.411 ug/l
 RT: 10.66 min Scan# 3133
 Delta R.T. -0.00 min
 Lab File: VU025275.D
 Acq: 09 Jul 2018 15:47

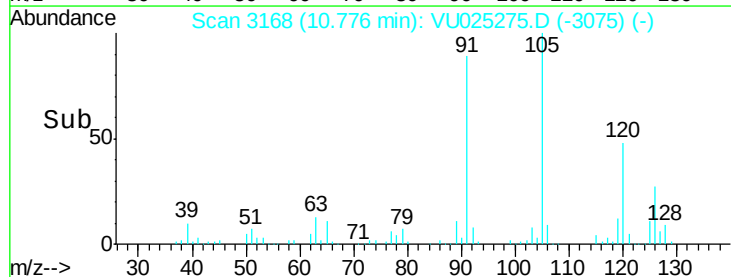
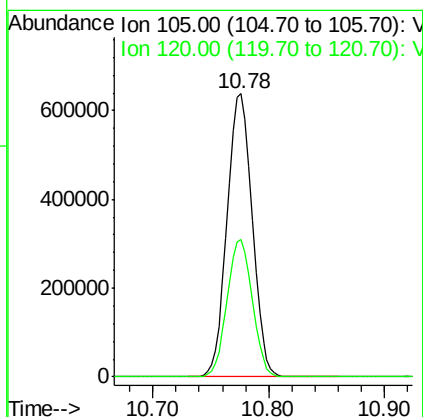
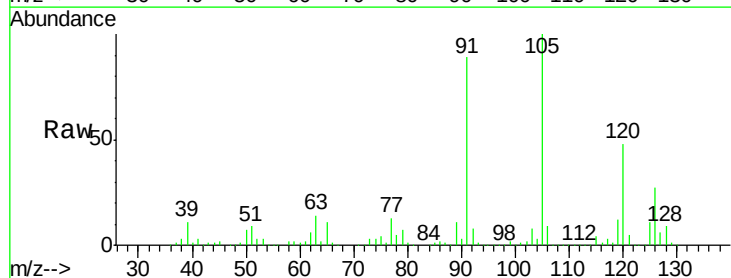
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

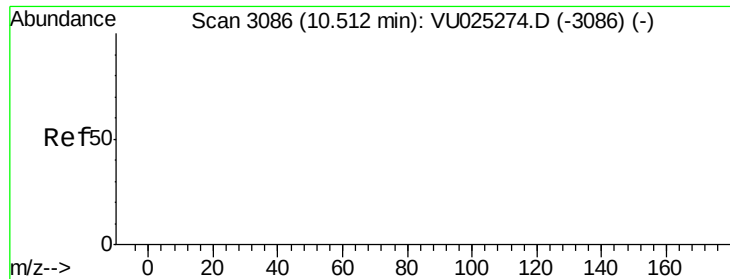
Tgt Ion: 91 Resp: 748944
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 100.049 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. -0.00 min
 Lab File: VU025275.D
 Acq: 09 Jul 2018 15:47

Tgt Ion: 105 Resp: 951588
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 360.841 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.02 min

Lab File: VU025275.D

Acq: 09 Jul 2018 15:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

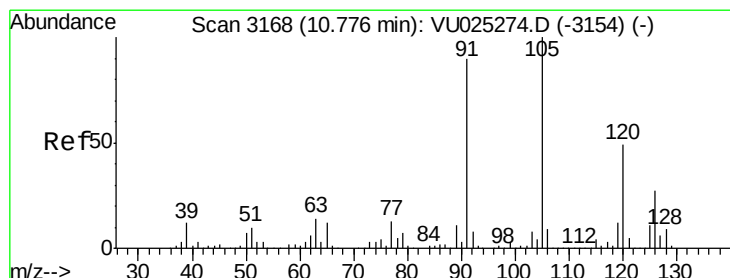
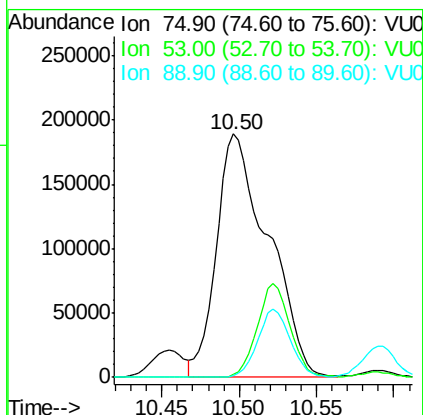
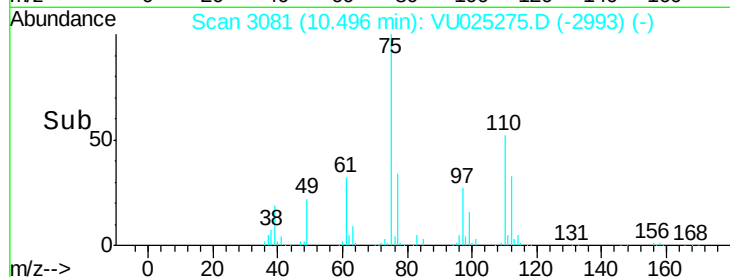
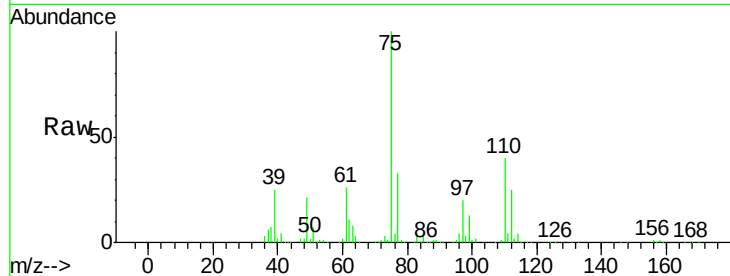
Tgt Ion: 75 Resp: 438633

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 98.749 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025275.D

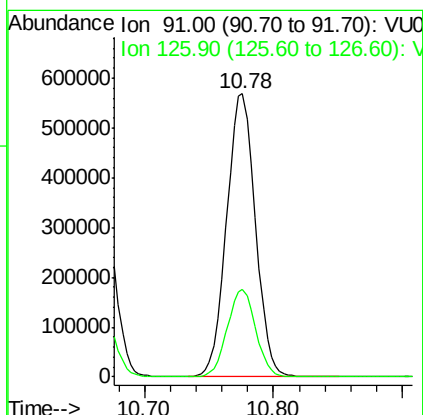
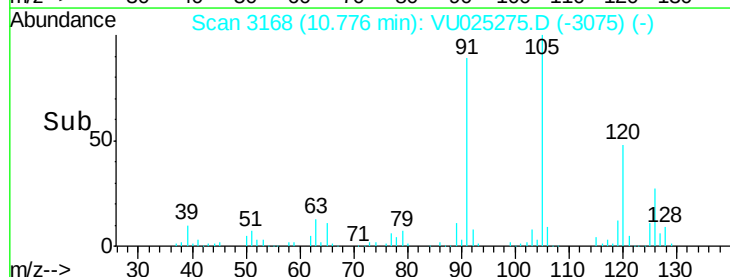
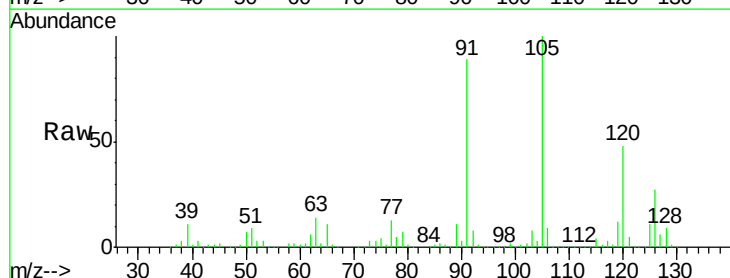
Acq: 09 Jul 2018 15:47

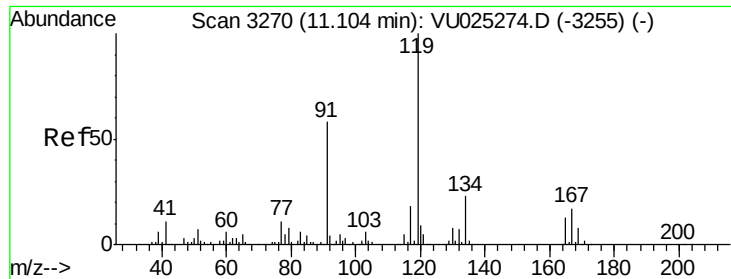
Tgt Ion: 91 Resp: 877043

Ion Ratio Lower Upper

91 100

126 30.7 15.3 45.9

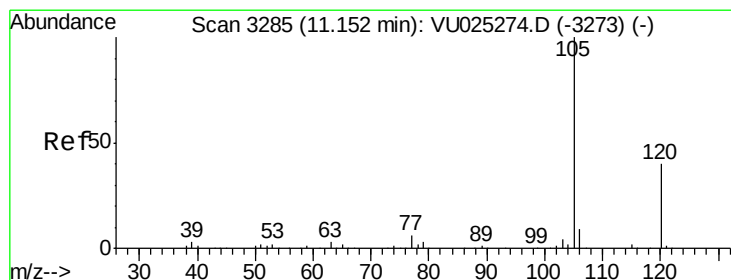
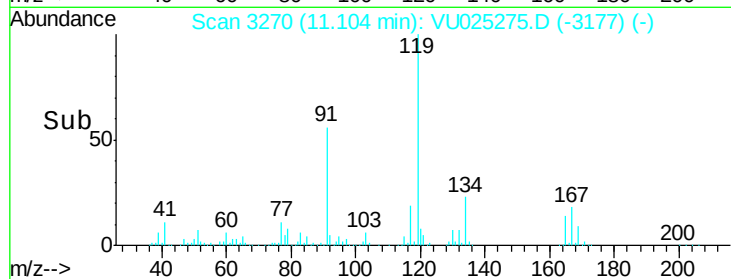
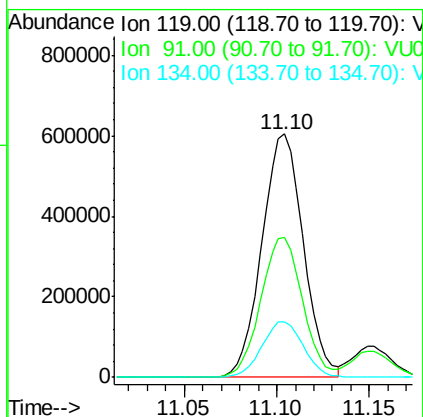
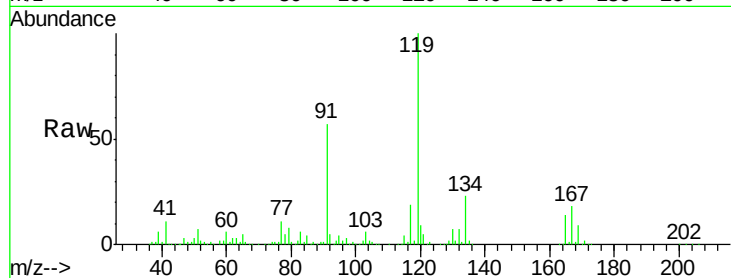




#83
 tert-Butylbenzene
 Concen: 98.004 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU025275.D
 Acq: 09 Jul 2018 15:47

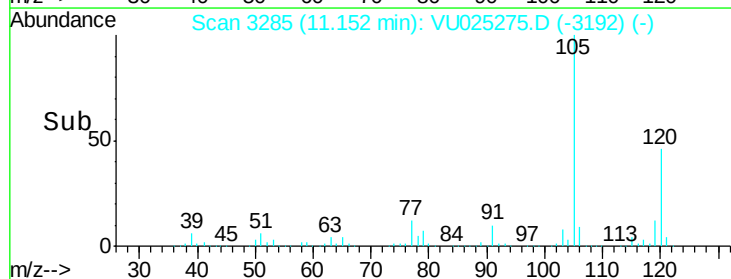
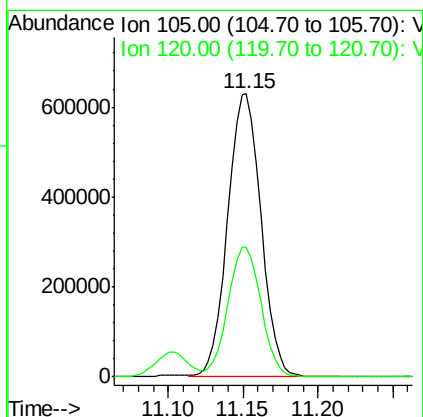
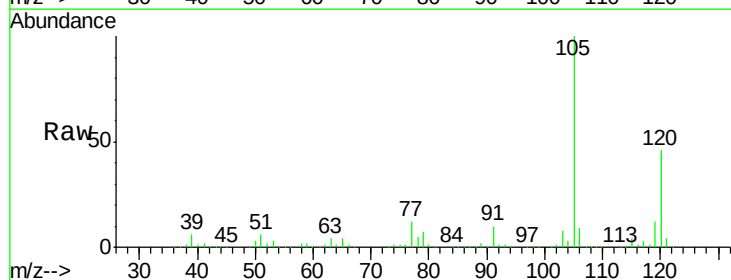
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

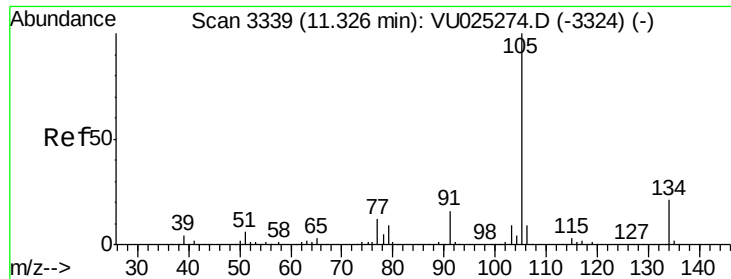
Tgt Ion:119 Resp: 941944
 Ion Ratio Lower Upper
 119 100
 91 57.6 29.7 89.1
 134 23.0 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 100.126 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. -0.00 min
 Lab File: VU025275.D
 Acq: 09 Jul 2018 15:47

Tgt Ion:105 Resp: 976008
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.3 66.8





#85

sec-Butylbenzene

Concen: 101.801 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU025275.D

Acq: 09 Jul 2018 15:47

Instrument :

MSVOA_U

ClientSampleId :

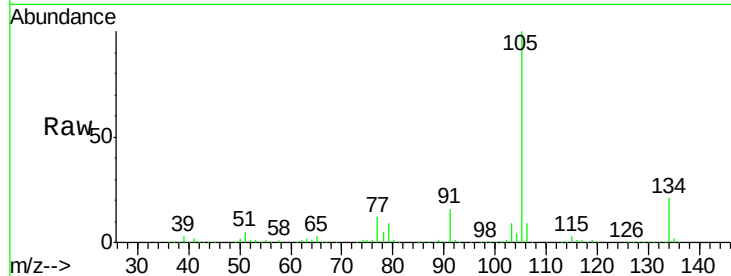
VSTDIC100

Tgt Ion:105 Resp: 1152050

Ion Ratio Lower Upper

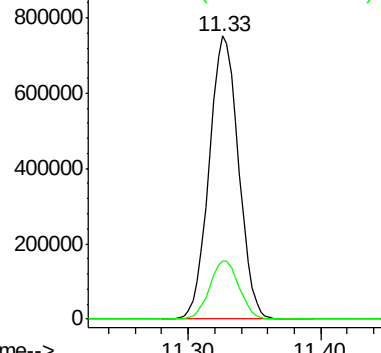
105 100

134 20.7 10.3 30.8

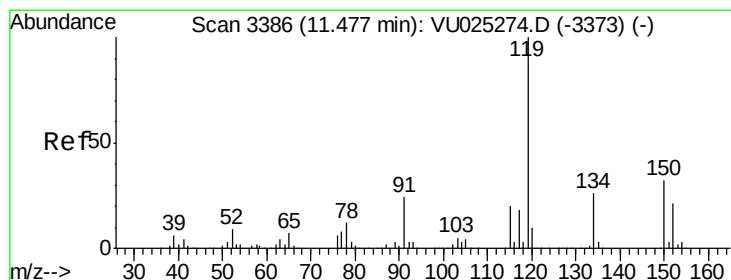
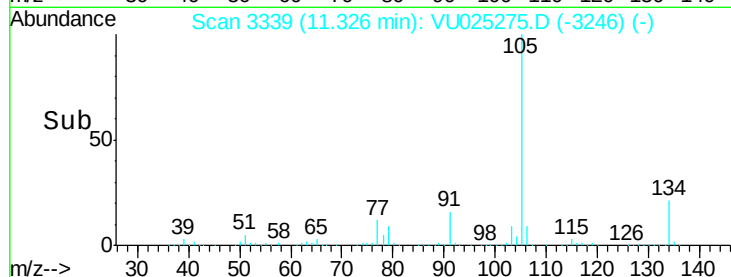


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 103.806 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. -0.00 min

Lab File: VU025275.D

Acq: 09 Jul 2018 15:47

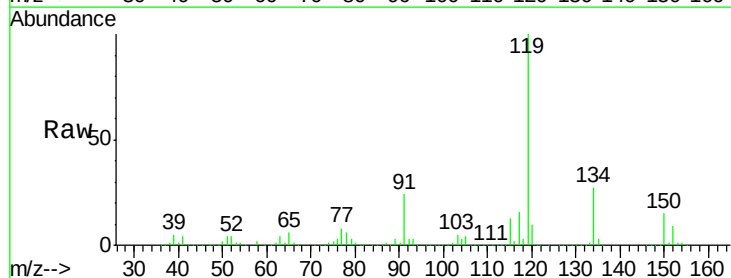
Tgt Ion:119 Resp: 1040176

Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.5

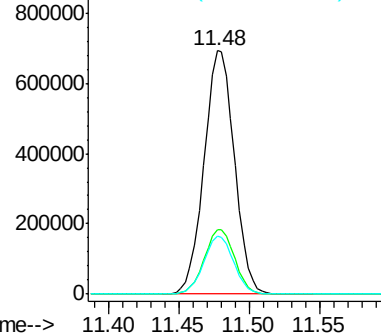
91 23.8 12.0 36.1



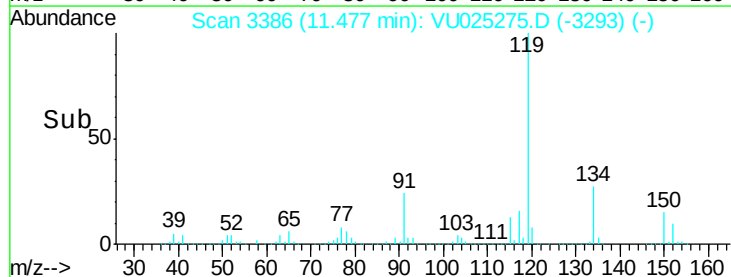
Abundance Ion 119.00 (118.70 to 119.70): V

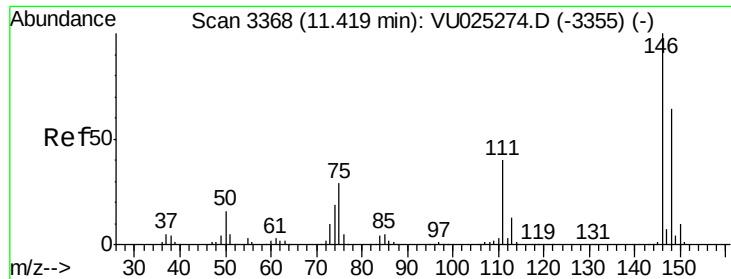
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0



Time-->

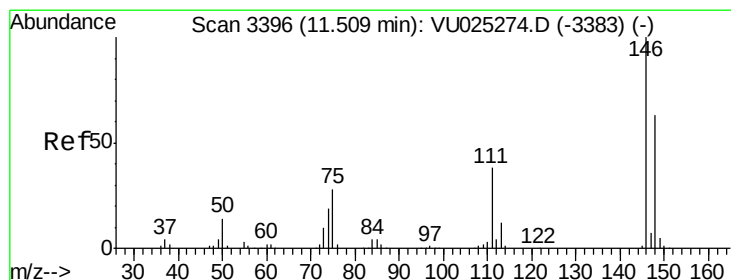
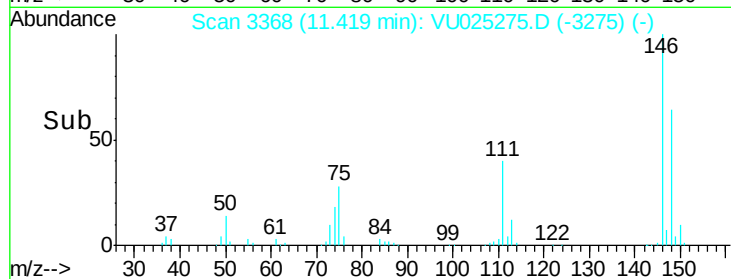
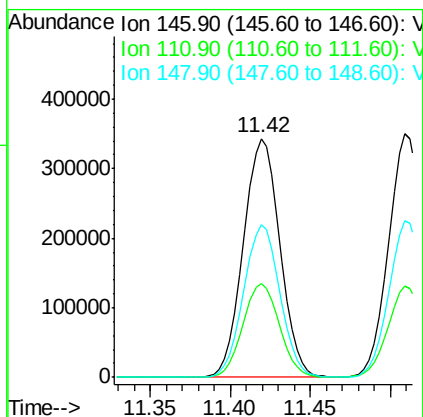
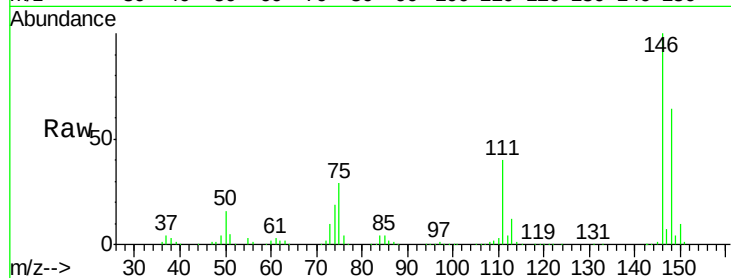




#87
 1,3-Dichlorobenzene
 Concen: 101.207 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU025275.D
 Acq: 09 Jul 2018 15:47

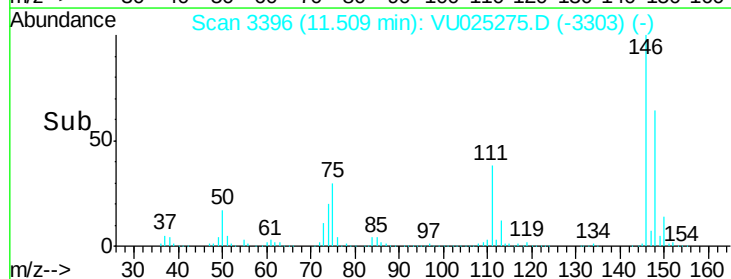
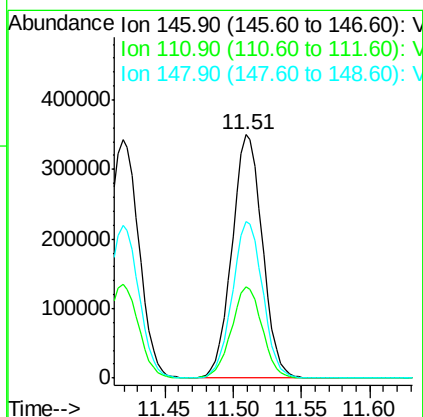
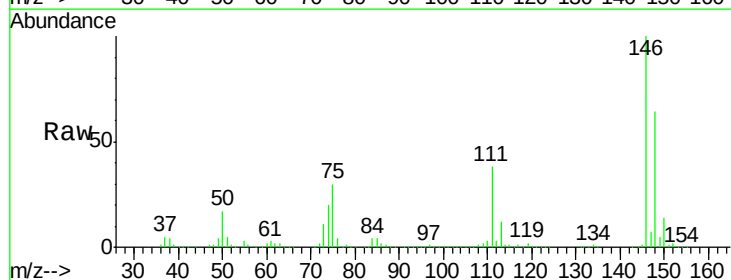
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

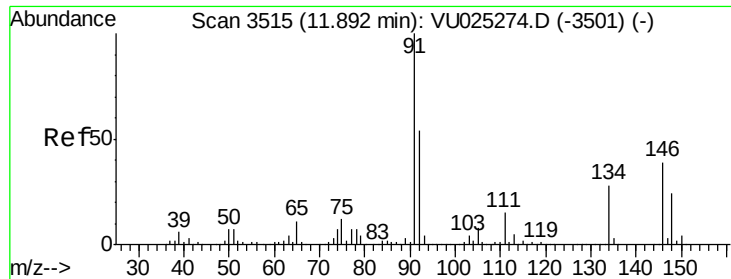
Tgt Ion:146 Resp: 534865
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.7 59.1
 148 63.5 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 99.564 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU025275.D
 Acq: 09 Jul 2018 15:47

Tgt Ion:146 Resp: 540437
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.4 58.1
 148 64.6 31.7 95.1

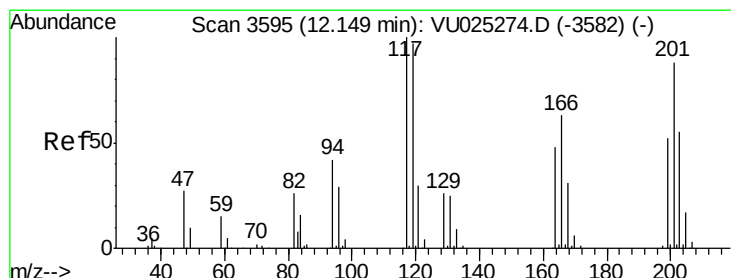
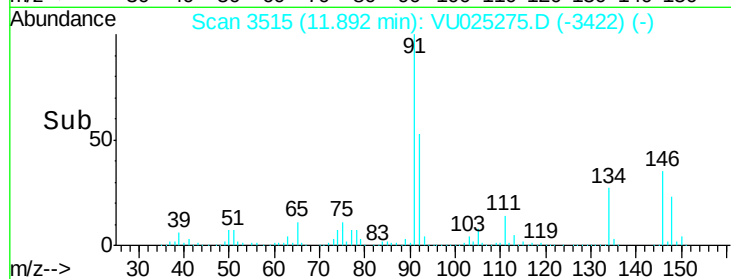
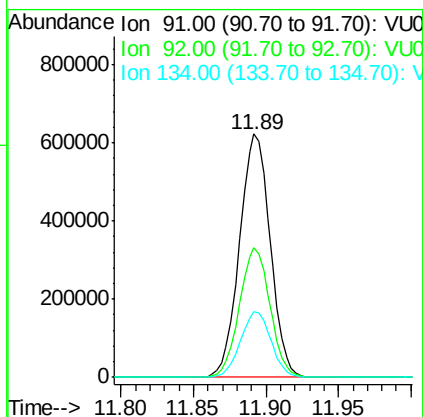
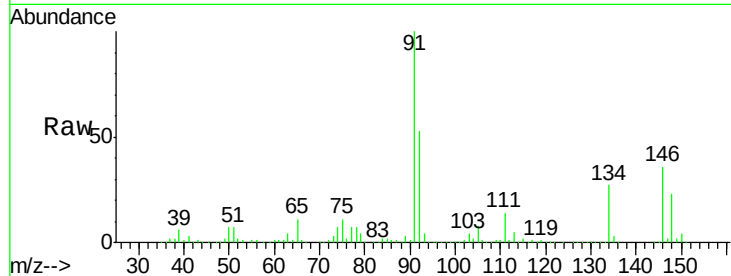




#89
n-Butylbenzene
Concen: 111.079 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. -0.00 min
Lab File: VU025275.D
Acq: 09 Jul 2018 15:47

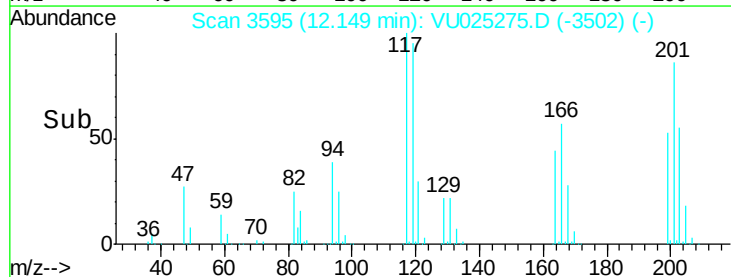
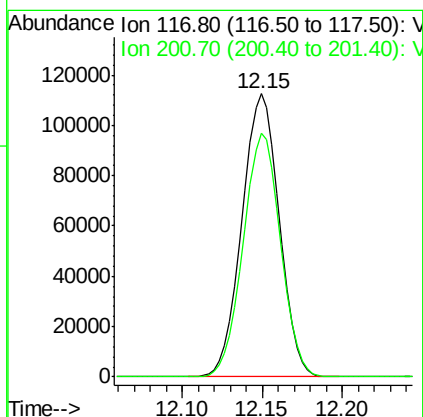
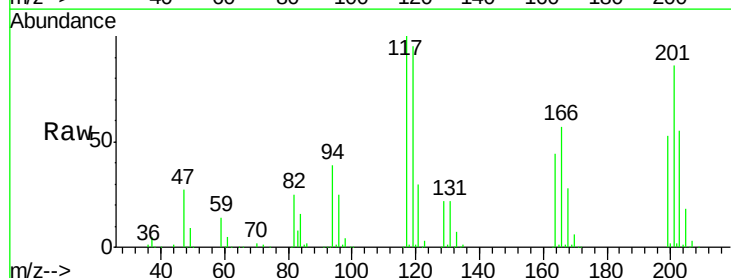
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

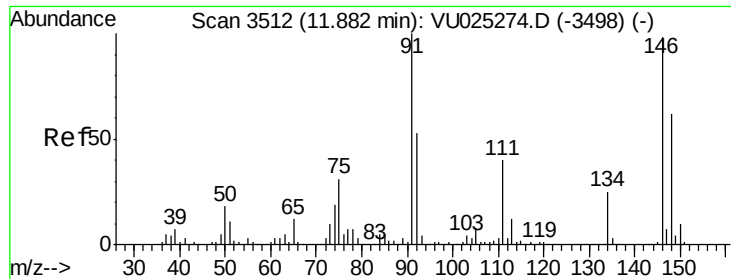
Tgt Ion: 91 Resp: 914978
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 26.9 13.6 40.7



#90
Hexachloroethane
Concen: 105.170 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU025275.D
Acq: 09 Jul 2018 15:47

Tgt Ion: 117 Resp: 178443
Ion Ratio Lower Upper
117 100
201 86.2 42.5 127.6

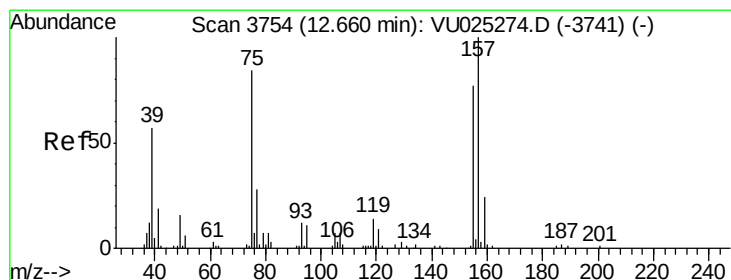
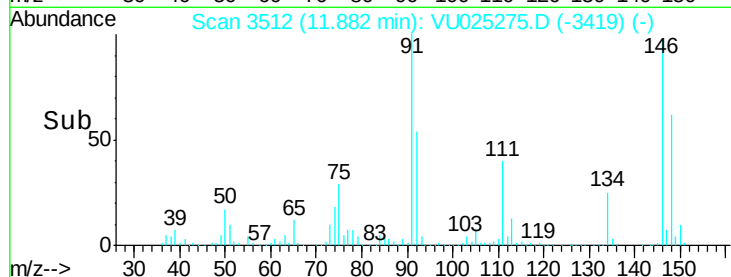
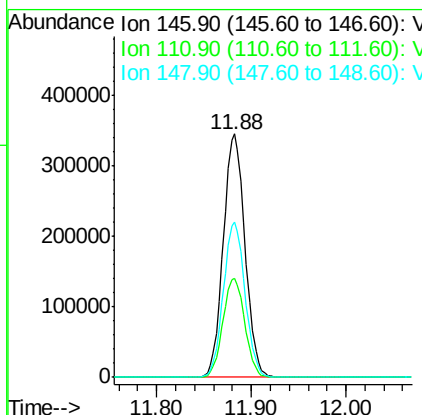
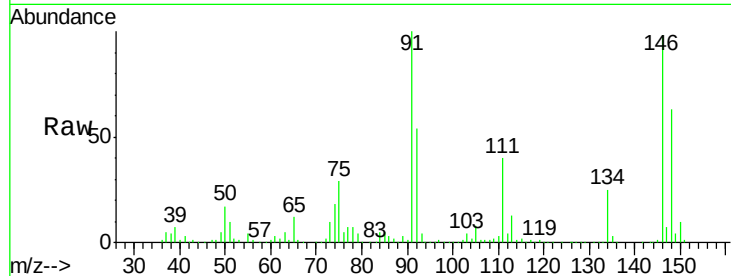




#91
 1,2-Dichlorobenzene
 Concen: 103.105 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU025275.D
 Acq: 09 Jul 2018 15:47

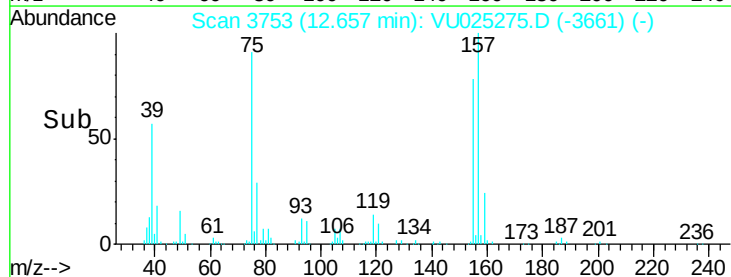
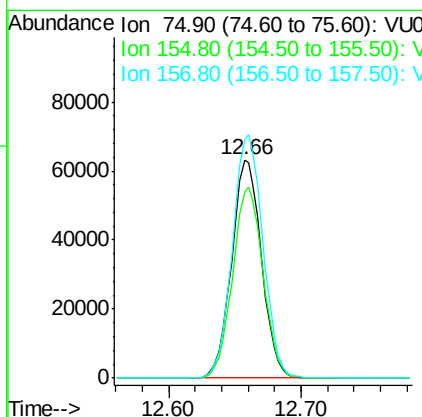
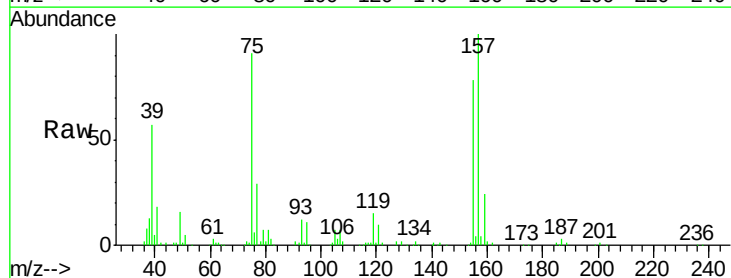
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

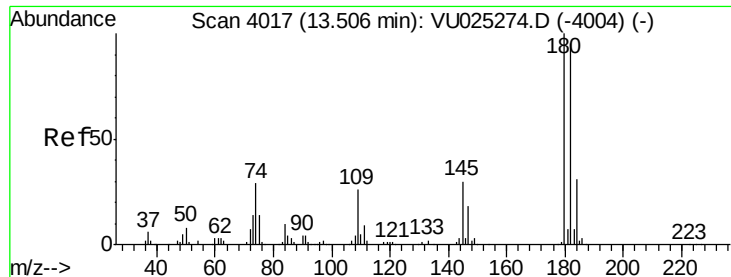
Tgt Ion: 146 Resp: 550303
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.6 61.8
 148 63.5 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 110.090 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. -0.00 min
 Lab File: VU025275.D
 Acq: 09 Jul 2018 15:47

Tgt Ion: 75 Resp: 98742
 Ion Ratio Lower Upper
 75 100
 155 88.8 44.5 133.3
 157 113.7 57.0 170.8

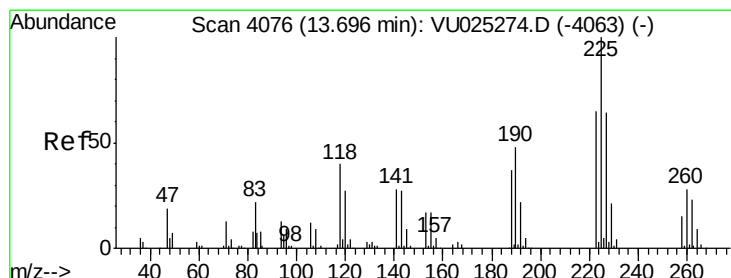
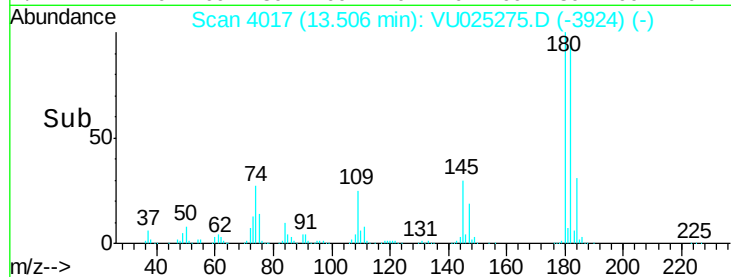
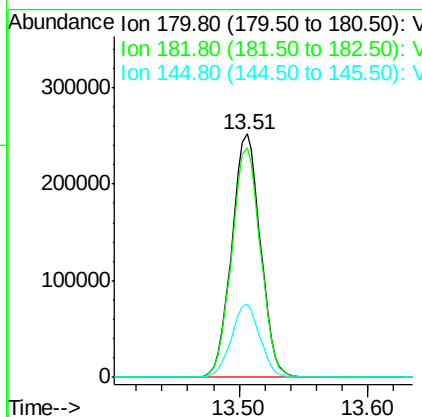
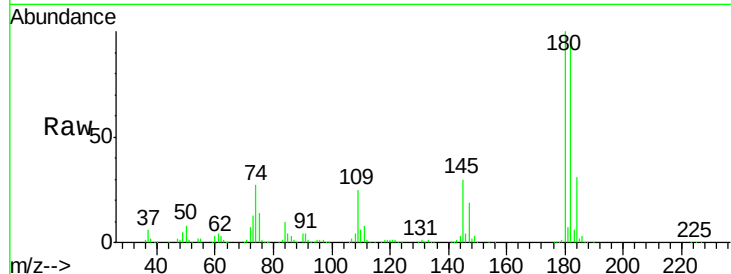




#93
 1,2,4-Trichlorobenzene
 Concen: 111.010 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU025275.D
 Acq: 09 Jul 2018 15:47

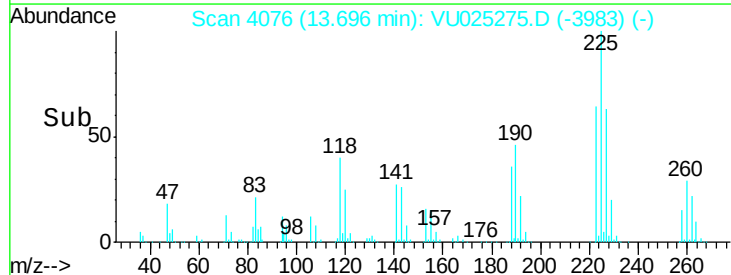
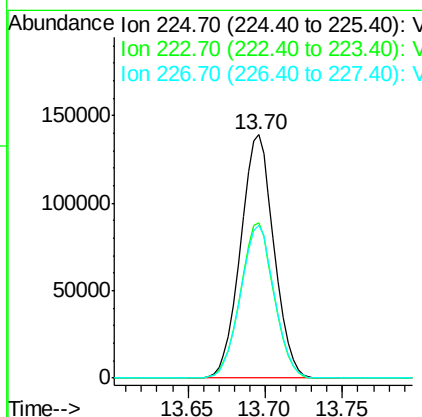
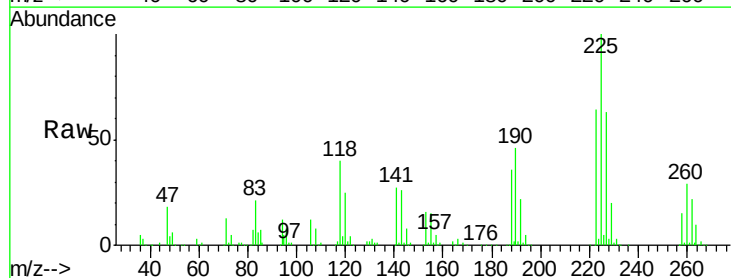
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

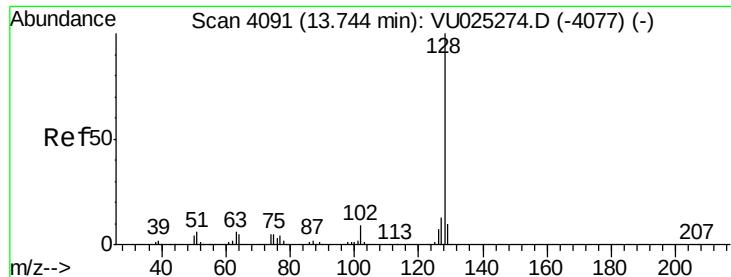
Tgt Ion	Resp	Lower	Upper
180	388197		
182	95.2	47.3	141.9
145	29.9	14.9	44.7



#94
 Hexachlorobutadiene
 Concen: 109.254 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU025275.D
 Acq: 09 Jul 2018 15:47

Tgt Ion	Resp	Lower	Upper
225	208555		
223	64.0	31.9	95.7
227	63.6	32.3	96.9





#95

Naphthalene

Concen: 98.290 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. -0.00 min

Lab File: VU025275.D

Acq: 09 Jul 2018 15:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

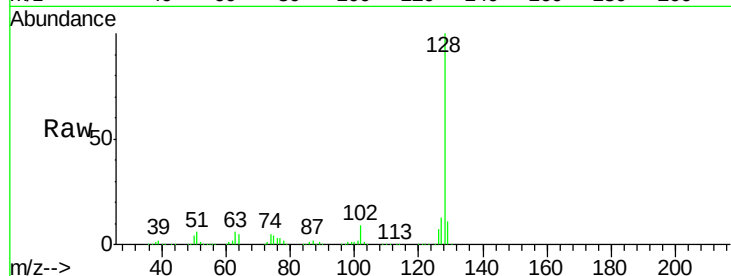
Tgt Ion:128 Resp: 1182497

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

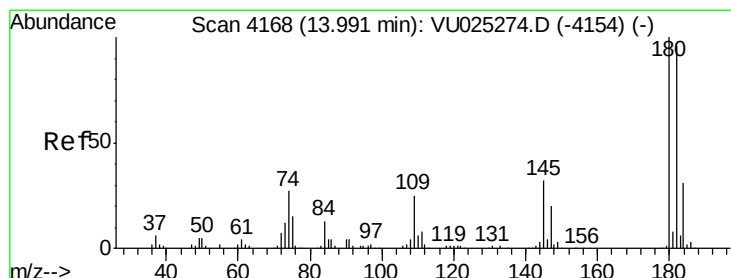
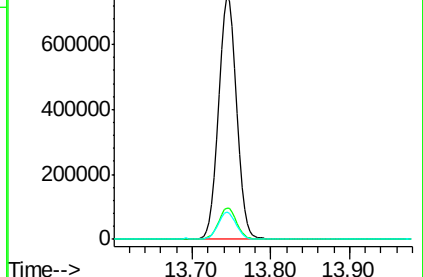
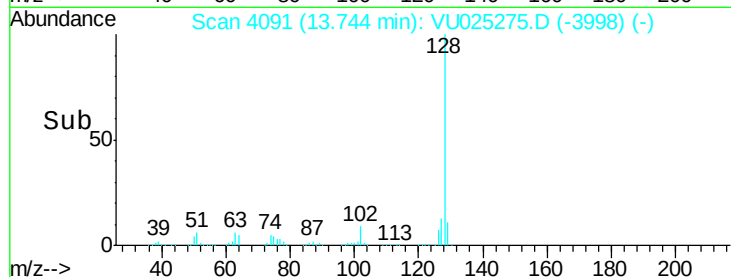
129 11.1 8.3 12.5



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: 104.837 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. -0.00 min

Lab File: VU025275.D

Acq: 09 Jul 2018 15:47

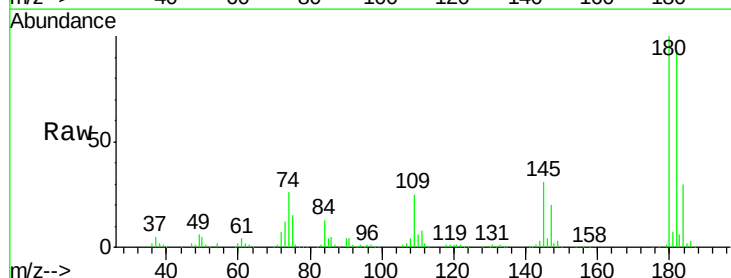
Tgt Ion:180 Resp: 395349

Ion Ratio Lower Upper

180 100

182 94.9 47.8 143.3

145 31.6 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

