

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025135.D
 Acq On : 02 Jul 2018 11:49
 Operator : MD/SY
 Sample : VU0702WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS01

Quant Time: Jul 03 02:57:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	171465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	252729	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	239049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	139376	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	133563	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	
35) Dibromofluoromethane	4.89	113	109350	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
50) Toluene-d8	7.57	98	353200	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	
62) 4-Bromofluorobenzene	10.31	95	149259	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	35758	16.661	ug/l	97
3) Chloromethane	1.33	50	37814	17.246	ug/l	100
4) Vinyl Chloride	1.40	62	39737	17.573	ug/l	97
5) Bromomethane	1.62	94	22834	20.889	ug/l	100
6) Chloroethane	1.70	64	26044	19.979	ug/l	97
7) Trichlorofluoromethane	1.89	101	68745	19.921	ug/l	99
8) Diethyl Ether	2.10	74	25188	20.331	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.29	101	42376	19.794	ug/l	98
10) Methyl Iodide	2.41	142	29706	19.950	ug/l	99
11) Tert butyl alcohol	2.82	59	64806	95.192	ug/l	100
12) 1,1-Dichloroethene	2.28	96	37344	19.127	ug/l	99
13) Acrolein	2.19	56	18552	51.894	ug/l	97
14) Allyl chloride	2.59	41	65185	17.982	ug/l	98
15) Acrylonitrile	2.93	53	124409	93.925	ug/l	100
16) Acetone	2.32	43	151934	101.019	ug/l	98
17) Carbon Disulfide	2.48	76	103470	16.551	ug/l	96
18) Methyl Acetate	2.62	43	74351	23.060	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	145673	19.849	ug/l	99
20) Methylene Chloride	2.70	84	45910	19.454	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	41753	19.417	ug/l	96
22) Diisopropyl ether	3.57	45	142742	19.864	ug/l	95
23) Vinyl Acetate	3.53	43	590853	91.786	ug/l	99
24) 1,1-Dichloroethane	3.45	63	81901	19.812	ug/l	99
25) 2-Butanone	4.26	43	198124	98.070	ug/l	98
26) 2,2-Dichloropropane	4.23	77	80083	20.401	ug/l	96
27) cis-1,2-Dichloroethene	4.23	96	48483	19.611	ug/l	99
28) Bromochloromethane	4.55	49	36065	19.806	ug/l	86
29) Tetrahydrofuran	4.64	42	117072	93.578	ug/l	97
30) Chloroform	4.68	83	85867	20.521	ug/l	99
31) Cyclohexane	5.00	56	73809	18.877	ug/l	90
32) 1,1,1-Trichloroethane	4.92	97	79388	20.517	ug/l	95
36) 1,1-Dichloropropene	5.14	75	59276	19.960	ug/l	96
37) Ethyl Acetate	4.38	43	66984	20.694	ug/l	97
38) Carbon Tetrachloride	5.14	117	68715	21.041	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	77609	20.941	ug/l	94
40) Benzene	5.39	78	176143	20.815	ug/l	99
41) Methacrylonitrile	4.55	41	37682	21.592	ug/l	97
42) 1,2-Dichloroethane	5.41	62	72985	22.645	ug/l	100
43) Isopropyl Acetate	5.55	43	109721	19.611	ug/l	99
44) Trichloroethene	6.19	130	49024	20.356	ug/l	98
45) 1,2-Dichloropropane	6.44	63	45681	20.231	ug/l	95
46) Dibromomethane	6.56	93	34791	21.937	ug/l	97
47) Bromodichloromethane	6.76	83	64953	20.567	ug/l	97
48) Methyl methacrylate	6.63	41	57257	21.016	ug/l	97
49) 1,4-Dioxane	6.62	88	25650	481.422	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	353490	100.564	ug/l	99
52) Toluene	7.64	92	115602	21.234	ug/l	97
53) t-1,3-Dichloropropene	7.88	75	69367	19.559	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	74933	19.828	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	46463	20.995	ug/l	98
56) Ethyl methacrylate	8.02	69	70640	19.071	ug/l	98
57) 1,3-Dichloropropane	8.25	76	78283	20.969	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.13	63	125478	88.424	ug/l	95
59) 2-Hexanone	8.36	43	286235	99.743	ug/l	100
60) Dibromochloromethane	8.48	129	51583	18.692	ug/l	100
61) 1,2-Dibromoethane	8.59	107	50028	20.310	ug/l	97
64) Tetrachloroethene	8.23	164	47460	20.887	ug/l	98
65) Chlorobenzene	9.12	112	130577	21.382	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	48886	21.071	ug/l	97
67) Ethyl Benzene	9.25	91	222252	20.760	ug/l	98
68) m/p-Xylenes	9.38	106	175139	42.603	ug/l	98
69) o-Xylene	9.78	106	87444	21.493	ug/l	95
70) Styrene	9.80	104	136844	20.467	ug/l	99
71) Bromoform	9.96	173	40161	18.212	ug/l #	98
73) Isopropylbenzene	10.17	105	233714	21.841	ug/l	99
74) N-amyl acetate	10.01	43	92062	18.088	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	75132	20.952	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	84690	27.599	ug/l	82
77) Bromobenzene	10.45	156	58337	21.534	ug/l	94
78) n-propylbenzene	10.59	91	260446	20.662	ug/l	97
79) 2-Chlorotoluene	10.66	91	158852	21.370	ug/l	97
80) 1,3,5-Trimethylbenzene	10.78	105	197104	21.252	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.50	75	84690	63.876	ug/l #	100
82) 4-Chlorotoluene	10.78	91	180890	20.907	ug/l	99
83) tert-Butylbenzene	11.10	119	198962	22.301	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	200542	21.217	ug/l	100
85) sec-Butylbenzene	11.33	105	238636	21.369	ug/l	98
86) p-Isopropyltoluene	11.48	119	212256	21.222	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	105310	21.041	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	105738	20.990	ug/l	98
89) n-Butylbenzene	11.89	91	167027	18.810	ug/l	97
90) Hexachloroethane	12.15	117	35589	18.240	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	108663	21.676	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	17881	18.072	ug/l	90

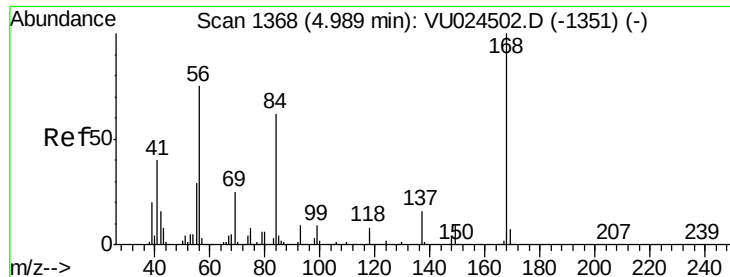
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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	63040	20.364	ug/l	97
94) Hexachlorobutadiene	13.70	225	38219	21.934	ug/l	99
95) Naphthalene	13.75	128	204946	20.406	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	67192	21.783	ug/l	97

(#) = 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: VU025135.D

Acq: 02 Jul 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

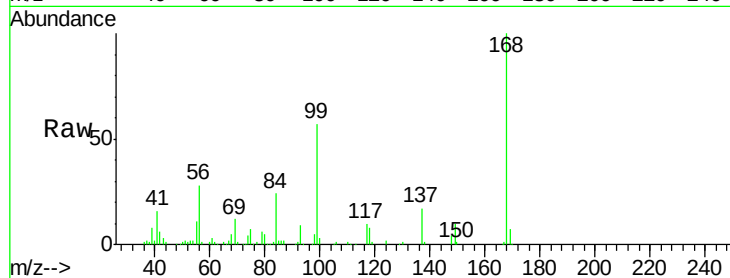
VU0702WBS01

Tot Ion:168 Resp: 171465

Ion Ratio Lower Upper

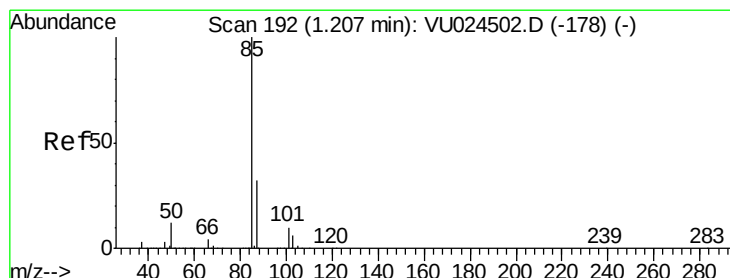
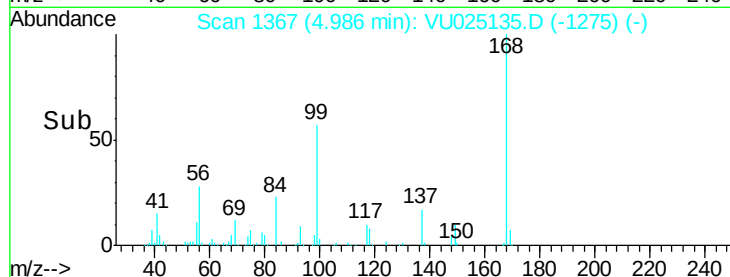
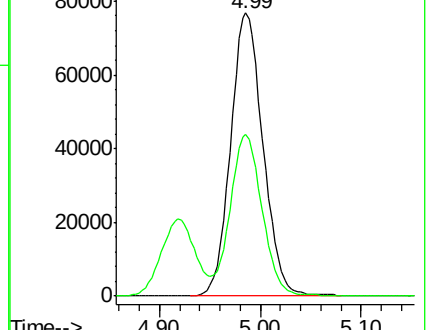
168 100

99 57.1 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)



#2

Dichlorodifluoromethane

Concen: 16.661 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025135.D

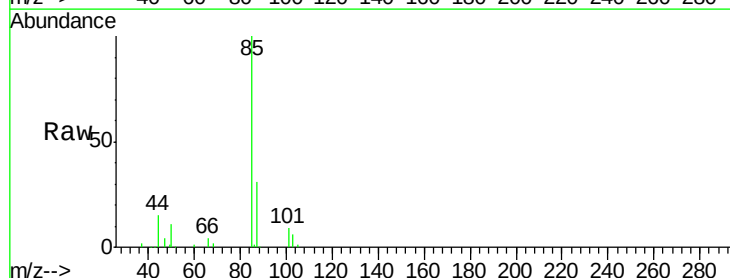
Acq: 02 Jul 2018 11:49

Tgt Ion: 85 Resp: 35758

Ion Ratio Lower Upper

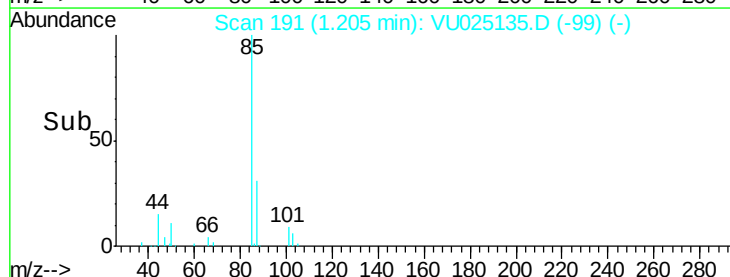
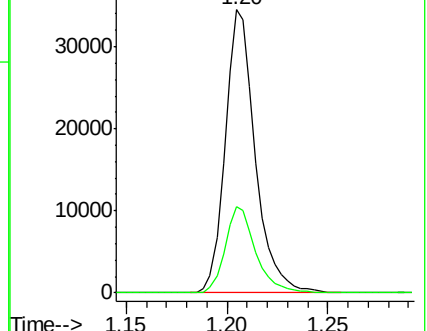
85 100

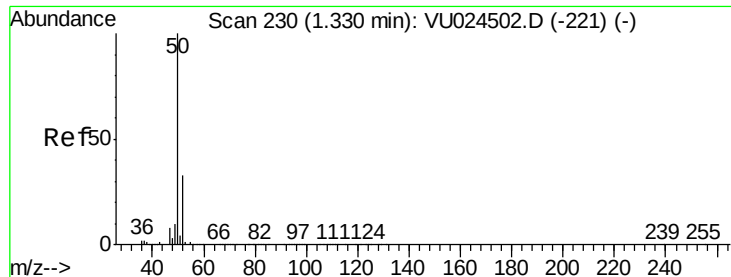
87 30.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU024502.D (-178) (-)

Ion 86.90 (86.60 to 87.60): VU024502.D (-178) (-)





#3

Chloromethane

Concen: 17.246 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

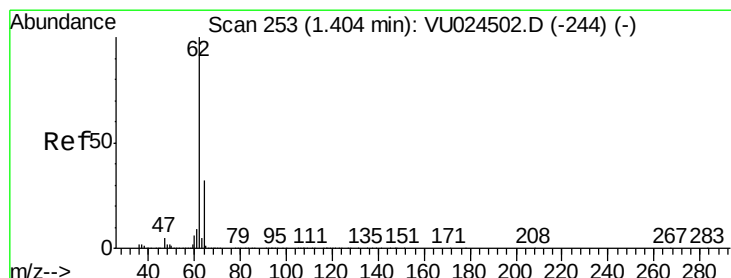
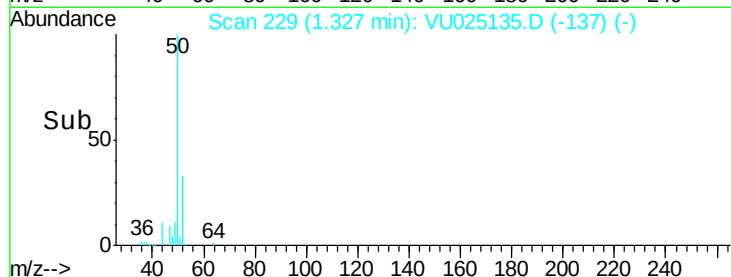
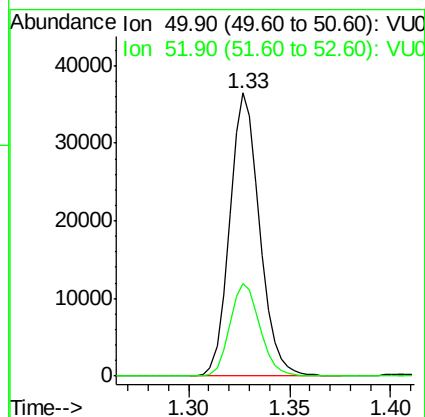
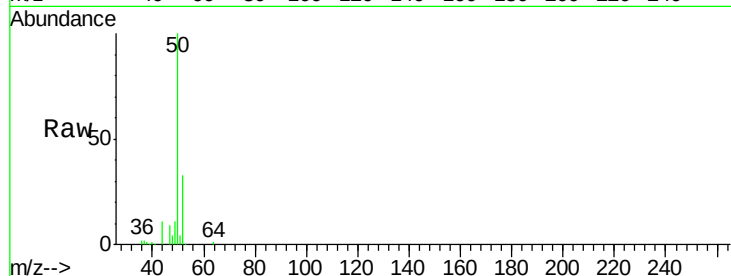
VU0702WBS01

Tot Ion: 50 Resp: 37814

Ion Ratio Lower Upper

50 100

52 32.9 26.4 39.6



#4

Vinyl Chloride

Concen: 17.573 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025135.D

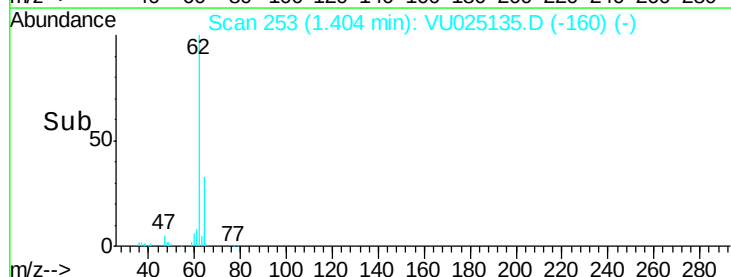
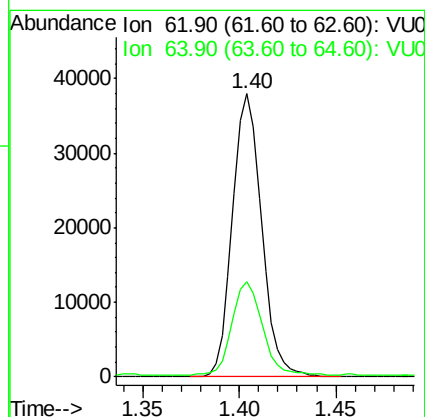
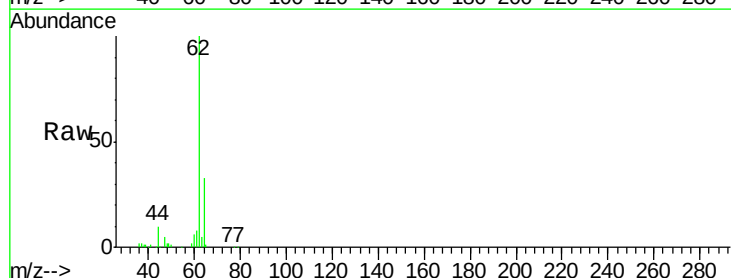
Acq: 02 Jul 2018 11:49

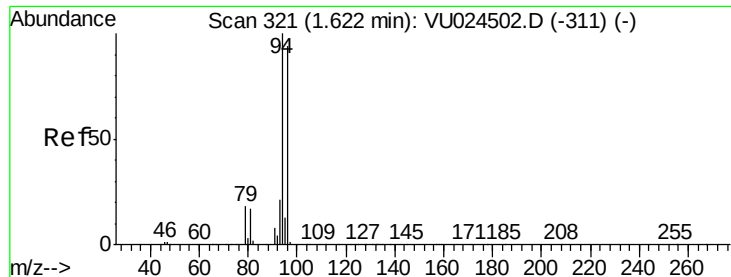
Tgt Ion: 62 Resp: 39737

Ion Ratio Lower Upper

62 100

64 32.6 24.8 37.2





#5

Bromomethane

Concen: 20.889 ug/l

RT: 1.62 min Scan# 321

Delta R.T. 0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

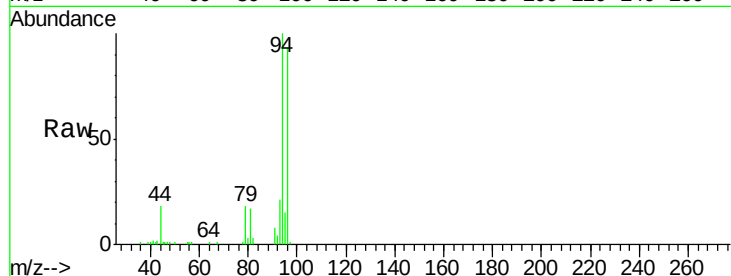
VU0702WBS01

Tot Ion: 94 Resp: 22834

Ion Ratio Lower Upper

94 100

96 93.2 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

1.62

20000

15000

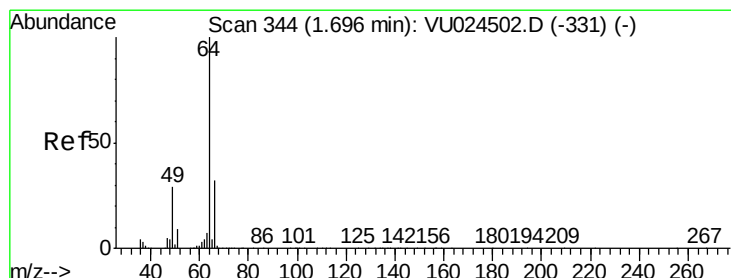
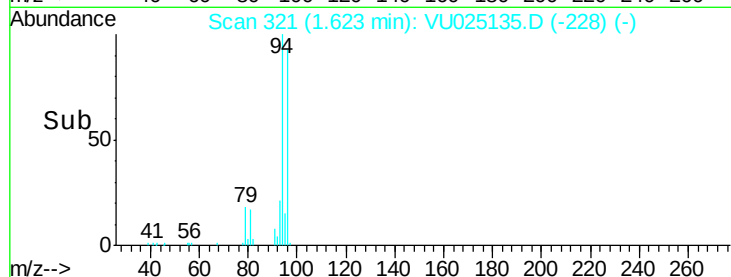
10000

5000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 19.979 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU025135.D

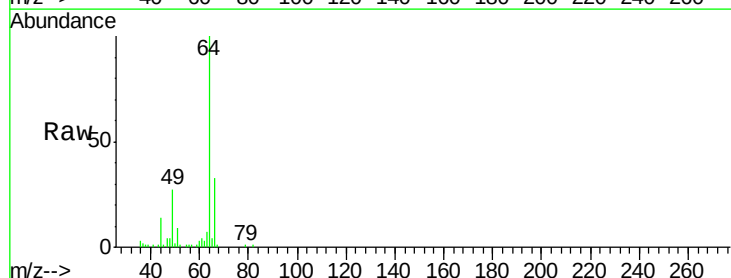
Acq: 02 Jul 2018 11:49

Tgt Ion: 64 Resp: 26044

Ion Ratio Lower Upper

64 100

66 33.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

1.70

20000

15000

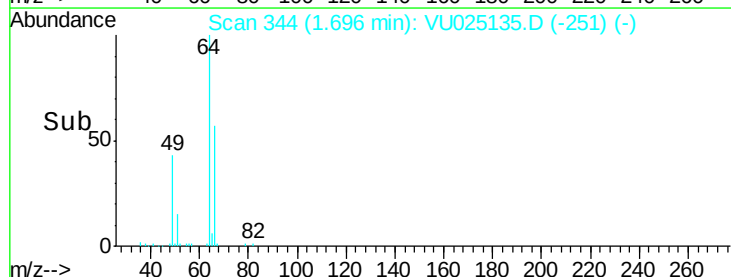
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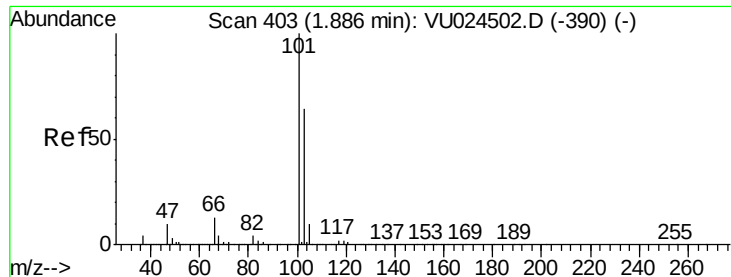
5000

0

Time-->

1.65 1.70 1.75



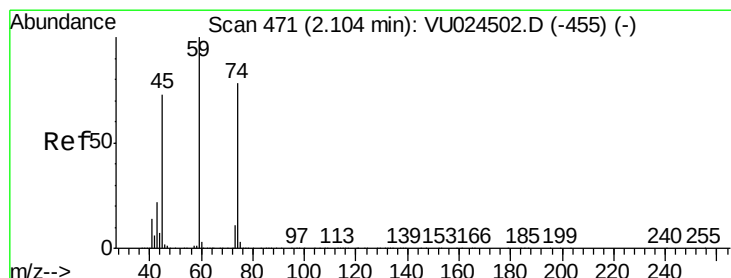
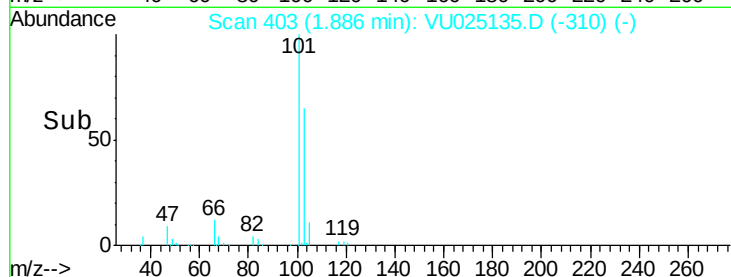
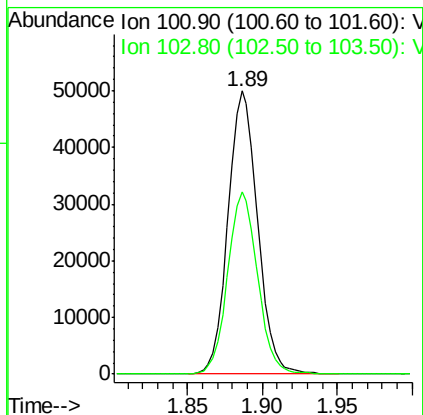
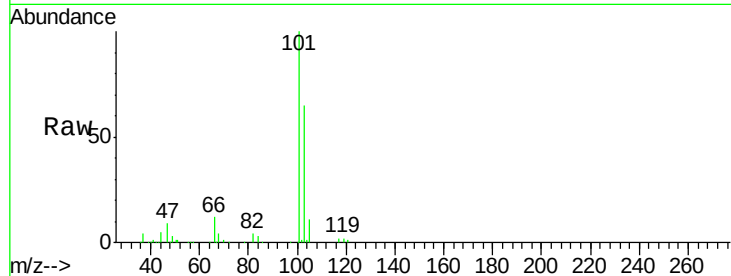


#7

Trichlorofluoromethane
 Concen: 19.921 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: VU025135.D
 Acq: 02 Jul 2018 11:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS01

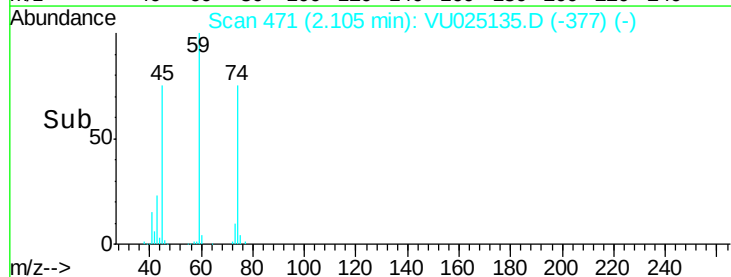
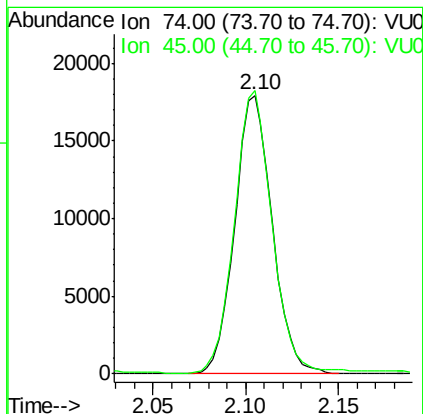
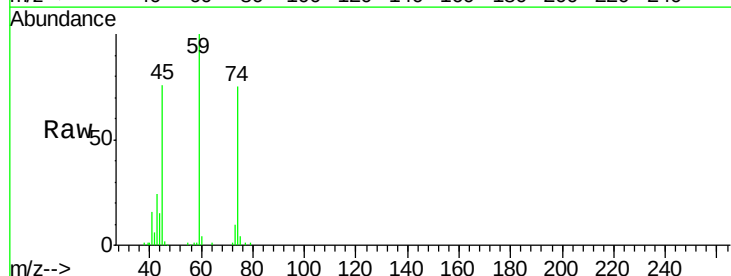
Tot Ion:101 Resp: 68745
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.3 78.5

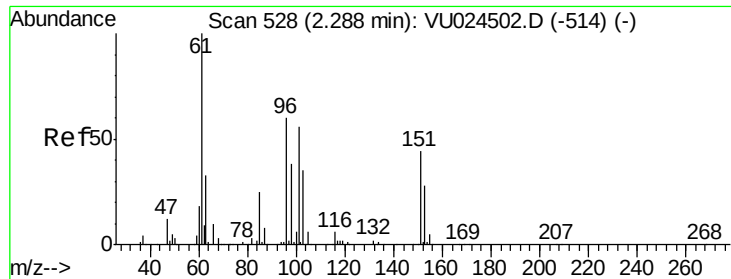


#8

Diethyl Ether
 Concen: 20.331 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU025135.D
 Acq: 02 Jul 2018 11:49

Tgt Ion: 74 Resp: 25188
 Ion Ratio Lower Upper
 74 100
 45 102.8 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.794 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS01

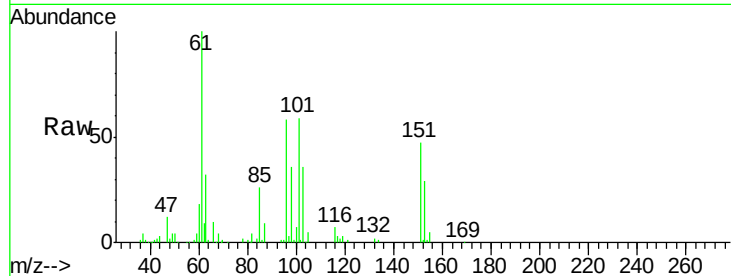
Tot Ion:101 Resp: 42376

Ion Ratio Lower Upper

101 100

85 45.4 36.0 54.0

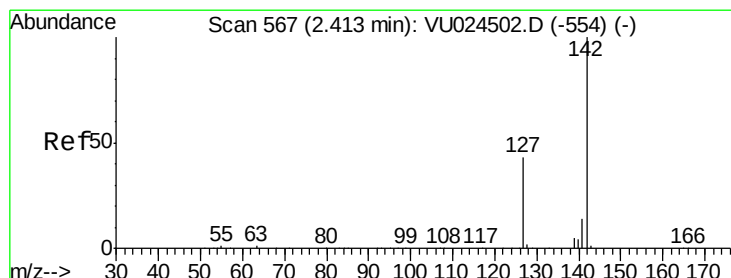
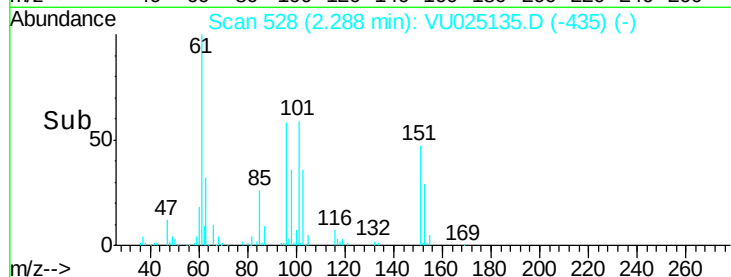
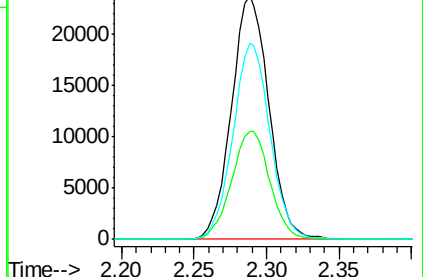
151 79.9 62.3 93.5



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: 19.950 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

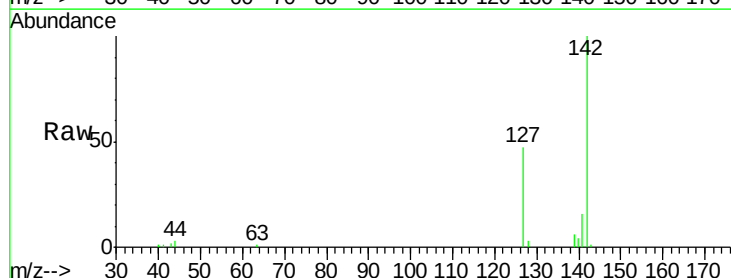
Tgt Ion:142 Resp: 29706

Ion Ratio Lower Upper

142 100

127 45.4 35.6 53.4

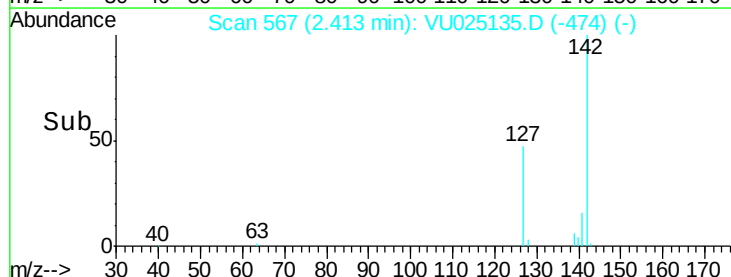
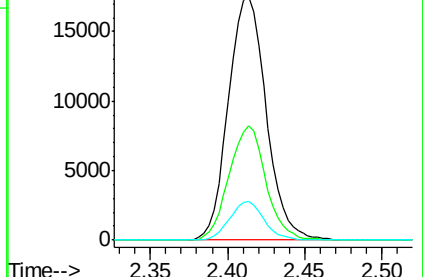
141 14.4 11.7 17.5

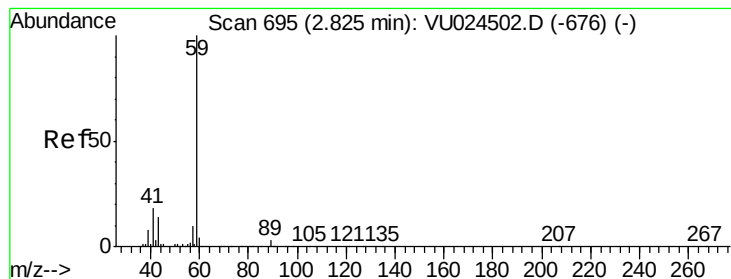


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 95.192 ug/l

RT: 2.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

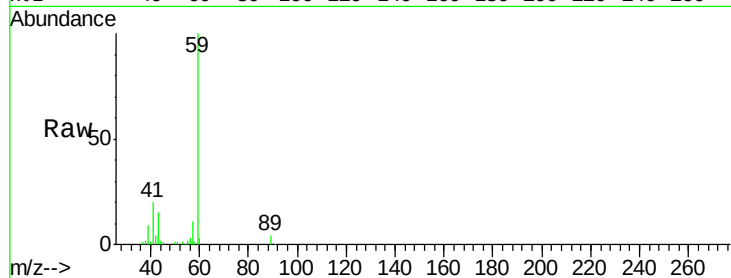
VU0702WBS01

Tot Ion: 59 Resp: 64806

Ion Ratio Lower Upper

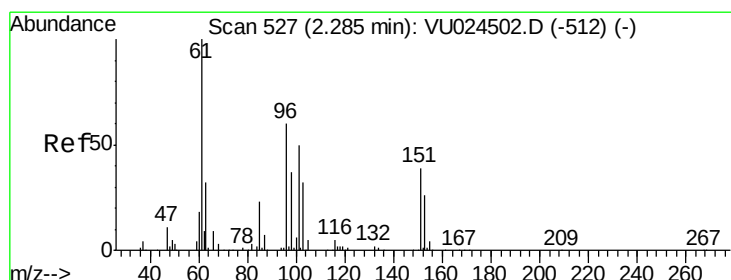
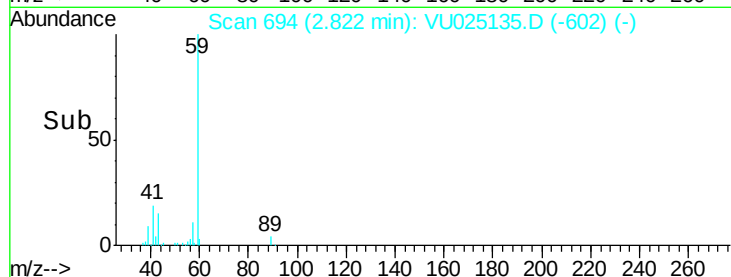
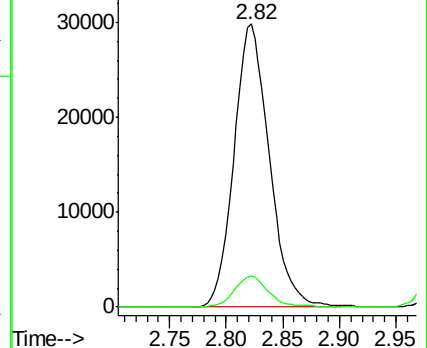
59 100

57 10.4 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



#12

1,1-Dichloroethene

Concen: 19.127 ug/l

RT: 2.28 min Scan# 527

Delta R.T. 0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

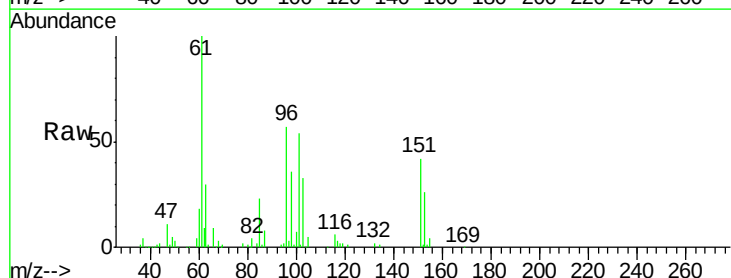
Tgt Ion: 96 Resp: 37344

Ion Ratio Lower Upper

96 100

61 175.2 141.7 212.5

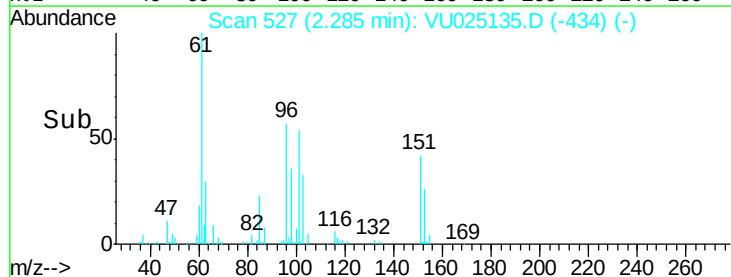
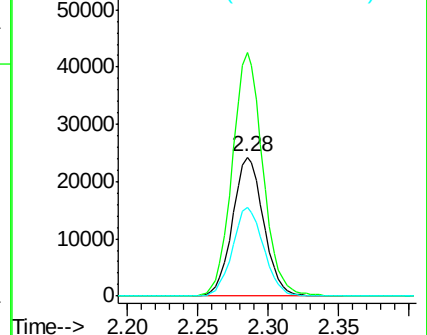
98 63.7 51.6 77.4

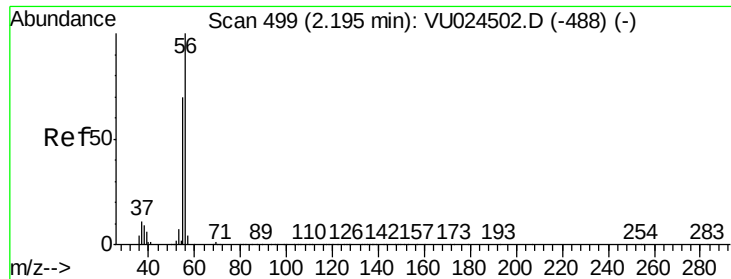


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#13

Acrolein

Concen: 51.894 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

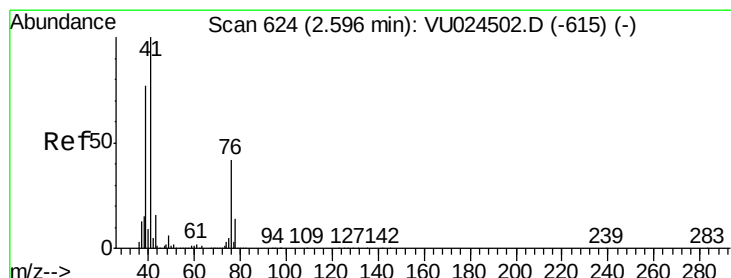
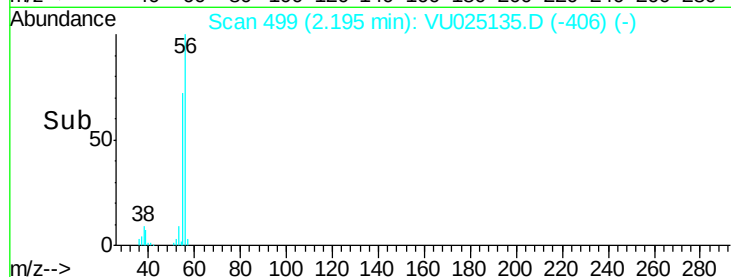
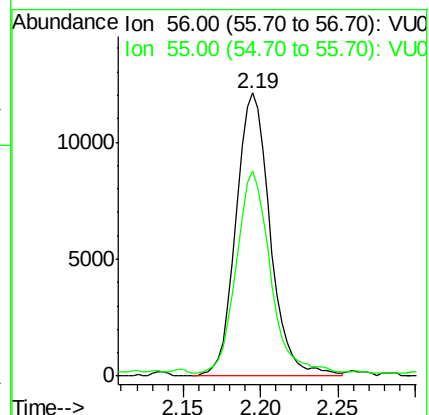
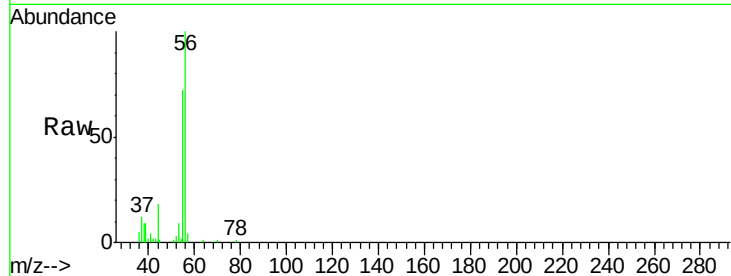
VU0702WBS01

Tot Ion: 56 Resp: 18552

Ion Ratio Lower Upper

56 100

55 70.3 58.4 87.6



#14

Allyl chloride

Concen: 17.982 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

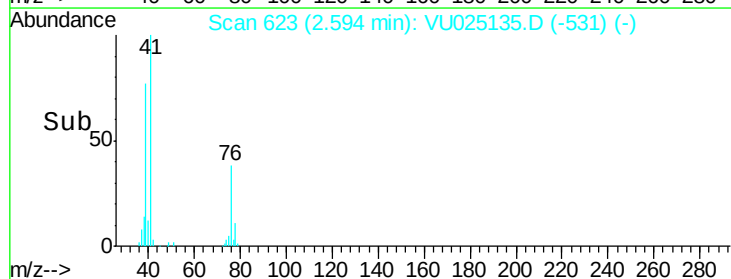
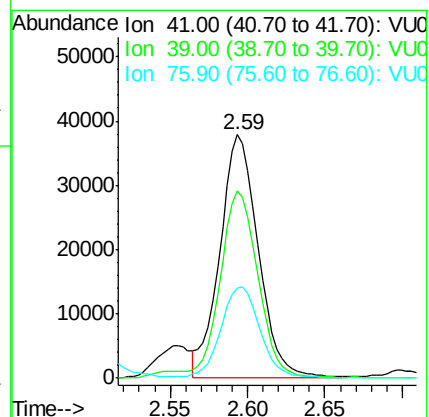
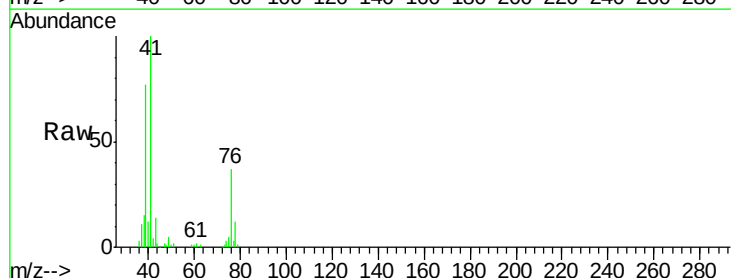
Tgt Ion: 41 Resp: 65185

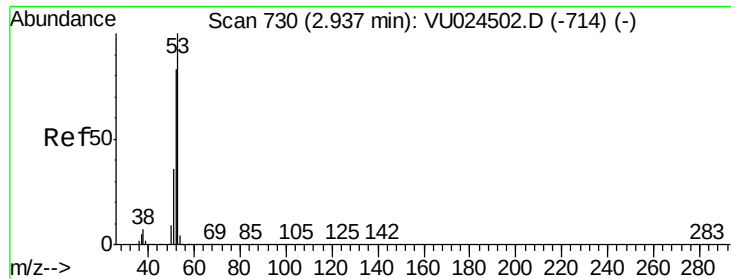
Ion Ratio Lower Upper

41 100

39 75.0 61.6 92.4

76 37.7 29.7 44.5





#15

Acrylonitrile

Concen: 93.925 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

Instrument :

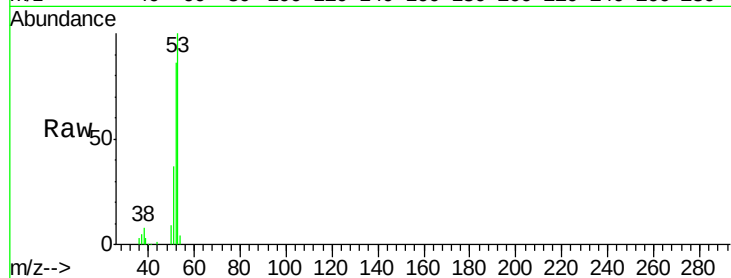
MSVOA_U

ClientSampleId :

VU0702WBS01

Tot Ion: 53 Resp: 124409

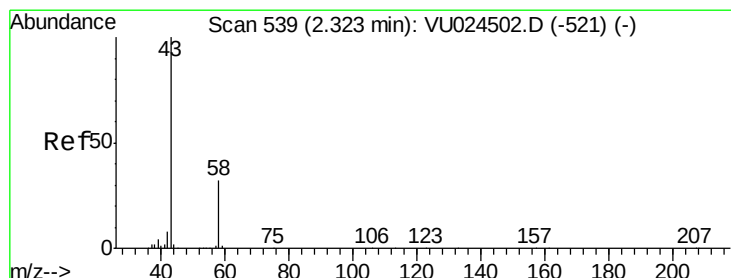
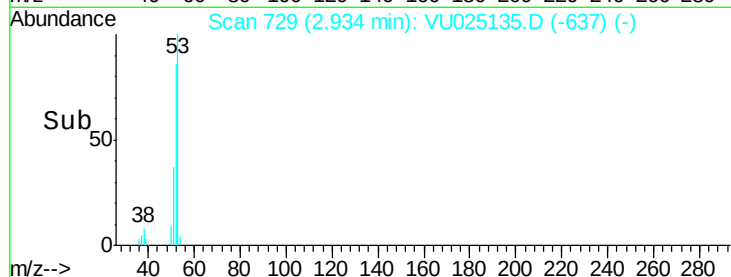
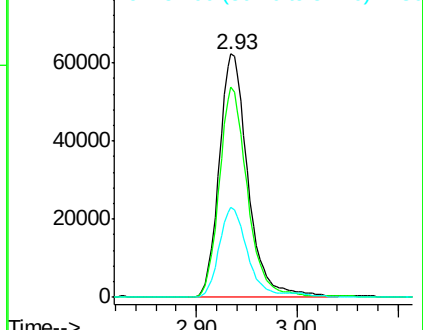
Ion	Ratio	Lower	Upper
53	100		
52	83.9	67.1	100.7
51	35.8	28.4	42.6



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 101.019 ug/l

RT: 2.32 min Scan# 538

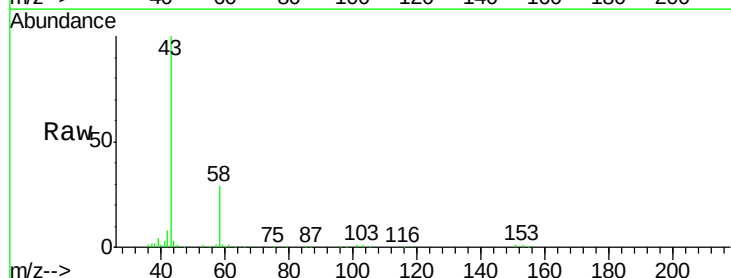
Delta R.T. -0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

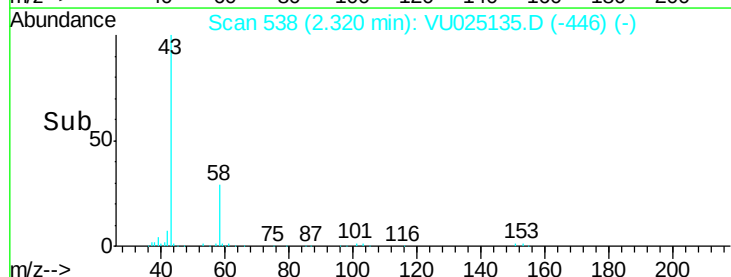
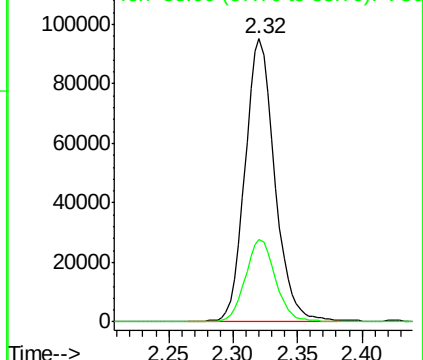
Tgt Ion: 43 Resp: 151934

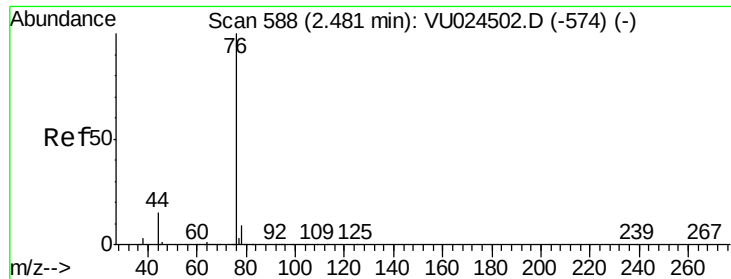
Ion	Ratio	Lower	Upper
43	100		
58	29.2	24.4	36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

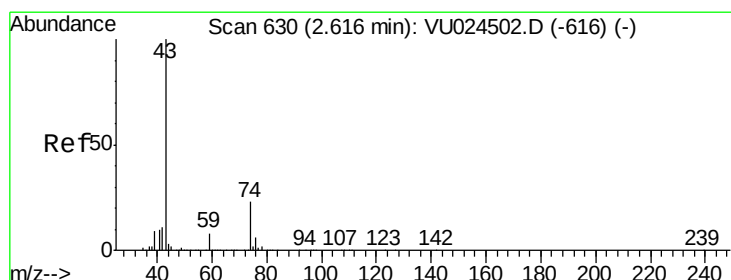
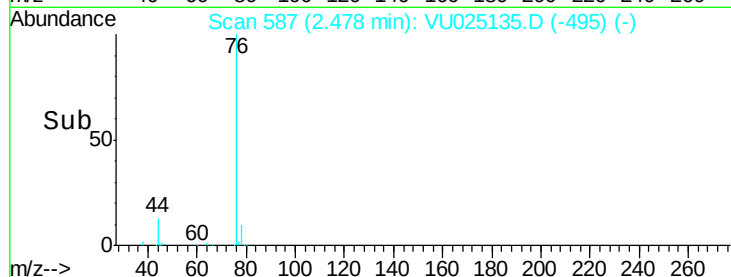
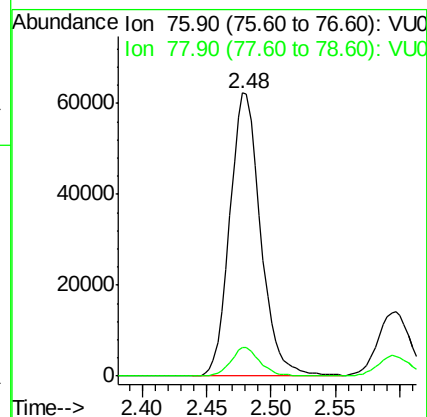
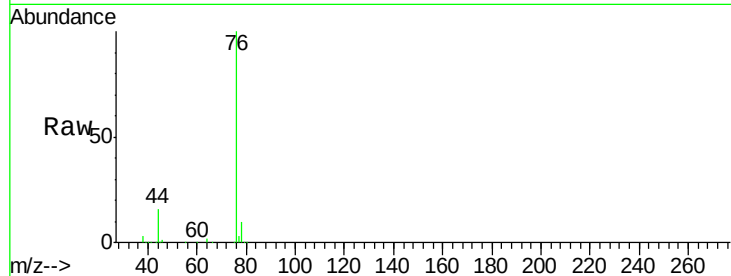




#17
Carbon Disulfide
Concen: 16.551 ug/l
RT: 2.48 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU025135.D
Acq: 02 Jul 2018 11:49

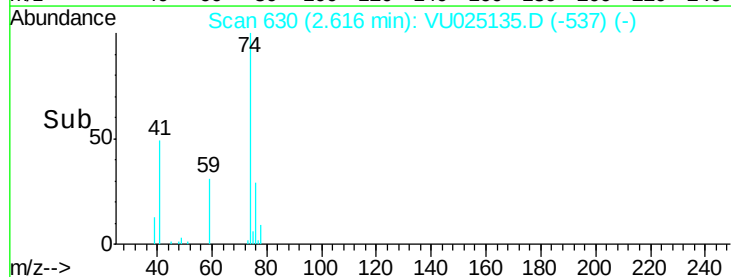
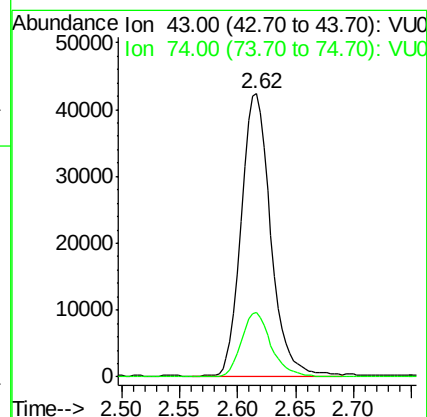
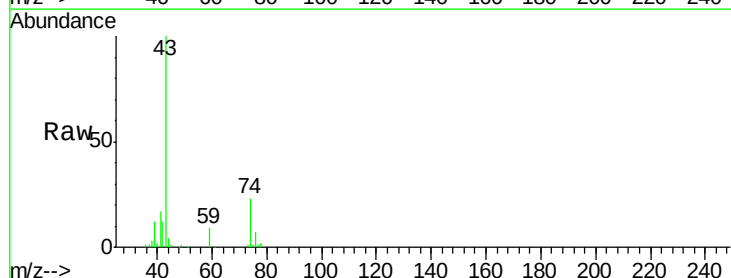
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS01

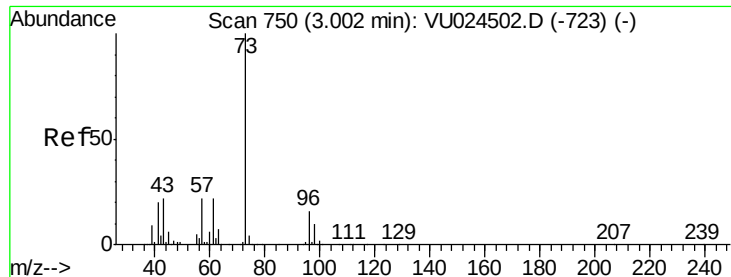
Tot Ion: 76 Resp: 103470
Ion Ratio Lower Upper
76 100
78 10.2 7.1 10.7



#18
Methyl Acetate
Concen: 23.060 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU025135.D
Acq: 02 Jul 2018 11:49

Tgt Ion: 43 Resp: 74351
Ion Ratio Lower Upper
43 100
74 23.1 18.0 27.0

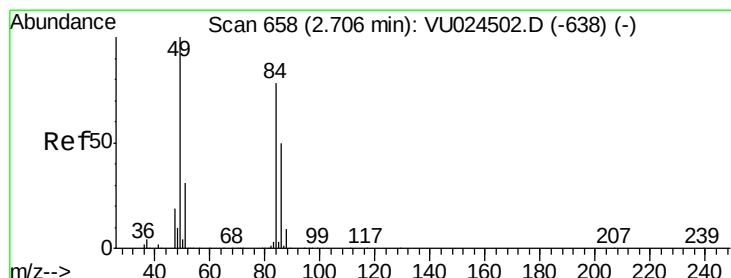
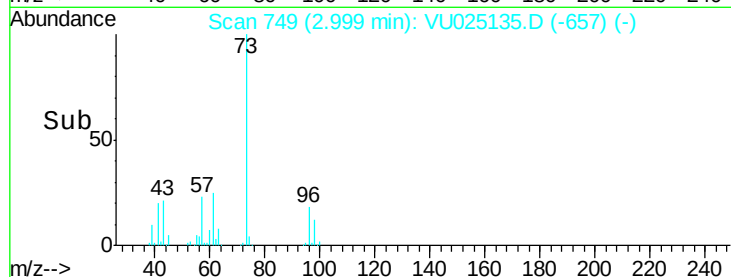
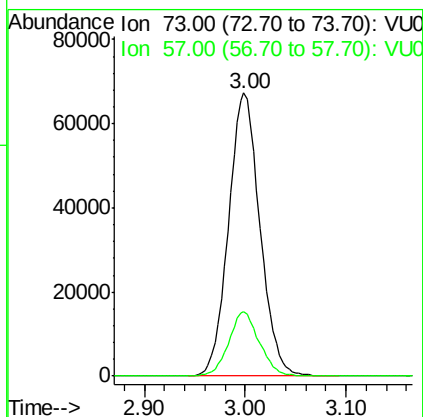
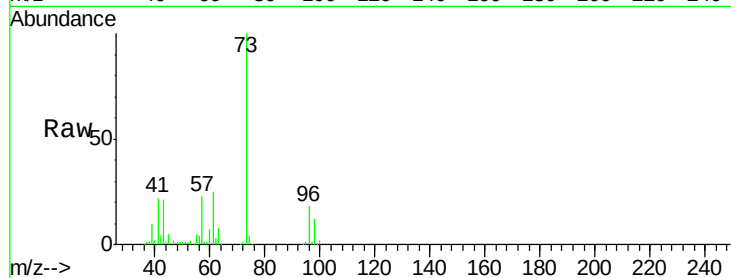




#19
Methvl tert-butyl Ether
Concen: 19.849 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU025135.D
Acq: 02 Jul 2018 11:49

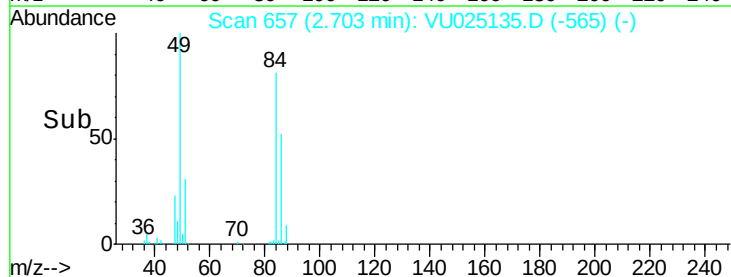
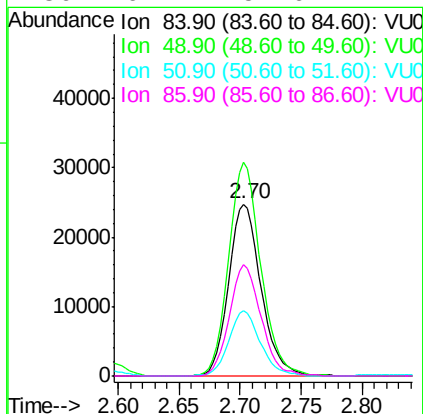
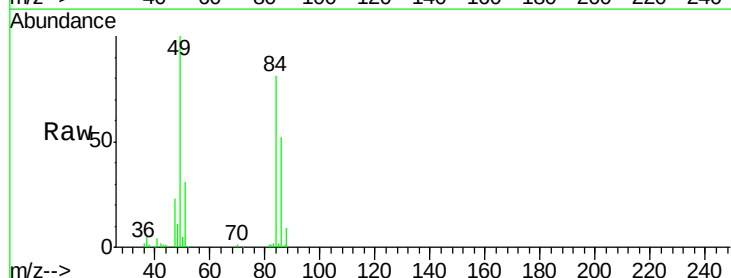
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS01

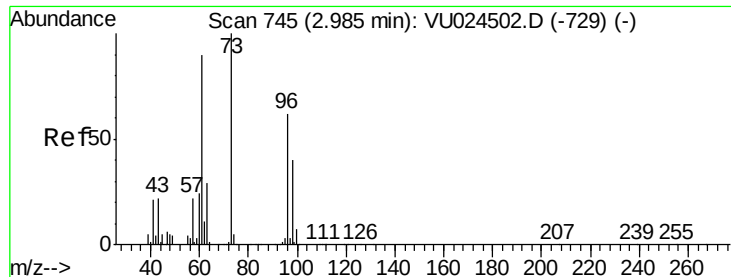
Tot Ion: 73 Resp: 145673
Ion Ratio Lower Upper
73 100
57 23.0 18.8 28.2



#20
Methylene Chloride
Concen: 19.454 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025135.D
Acq: 02 Jul 2018 11:49

Tgt Ion: 84 Resp: 45910
Ion Ratio Lower Upper
84 100
49 124.1 103.8 155.8
51 38.0 32.0 48.0
86 64.4 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 19.417 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS01

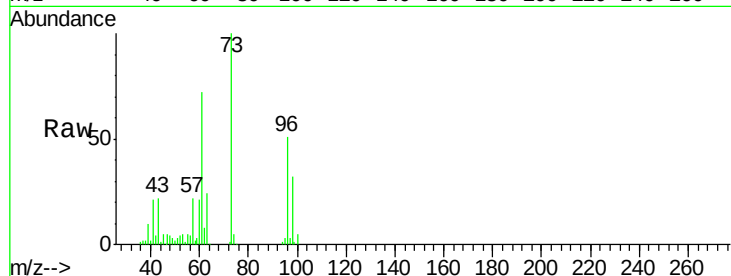
Tot Ion: 96 Resp: 41753

Ion Ratio Lower Upper

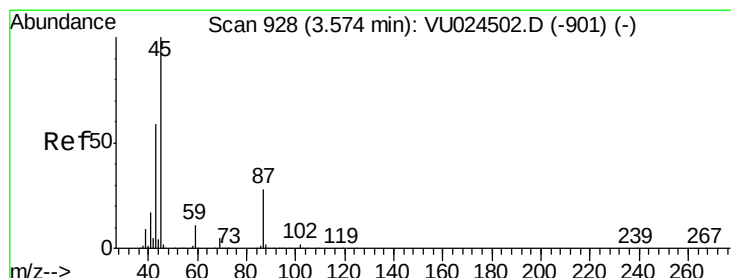
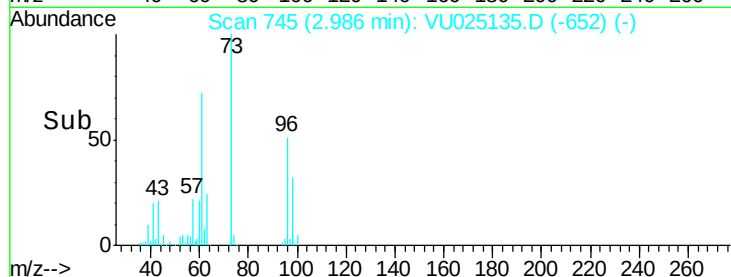
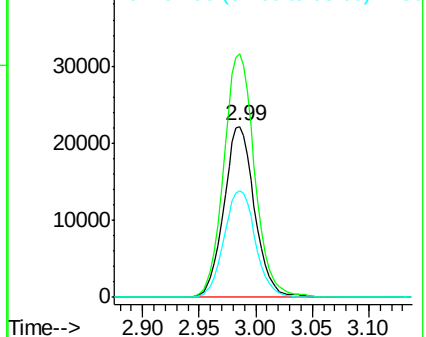
96 100

61 142.5 119.4 179.0

98 62.6 51.1 76.7



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



#22

Diisopropyl ether

Concen: 19.864 ug/l

RT: 3.57 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

Tgt Ion: 45 Resp: 142742

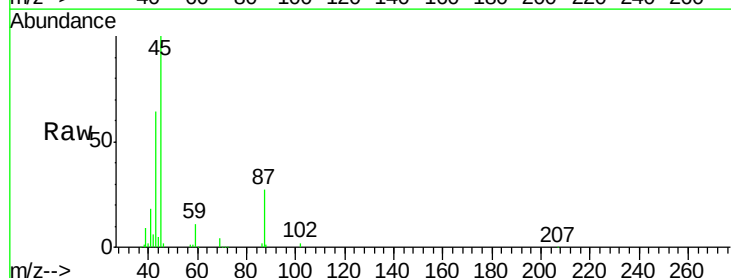
Ion Ratio Lower Upper

45 100

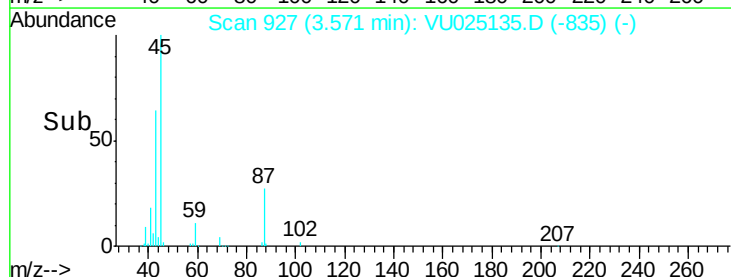
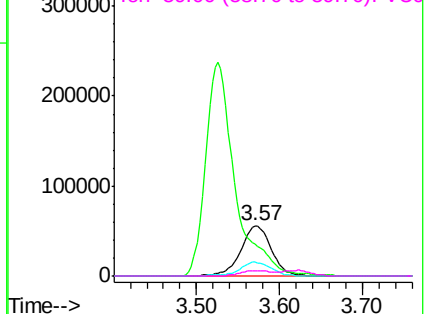
43 62.5 45.8 68.6

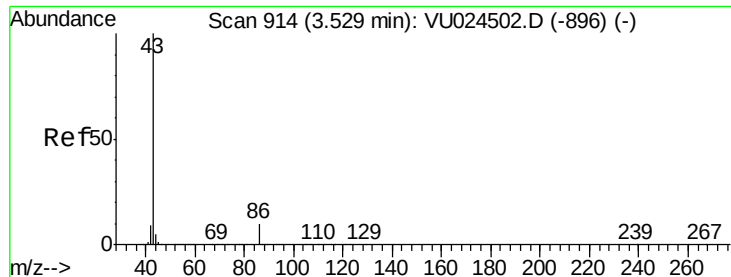
87 27.5 20.6 31.0

59 11.5 9.4 14.0



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





#23

Vinyl Acetate

Concen: 91.786 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

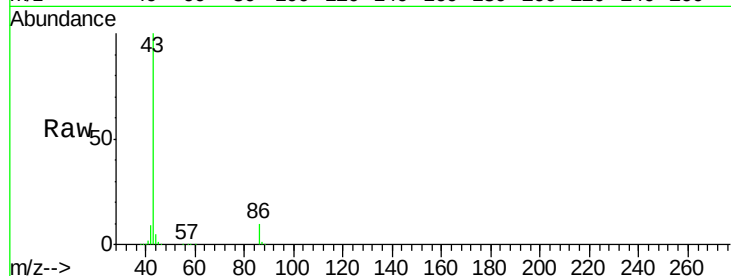
VU0702WBS01

Tot Ion: 43 Resp: 590853

Ion Ratio Lower Upper

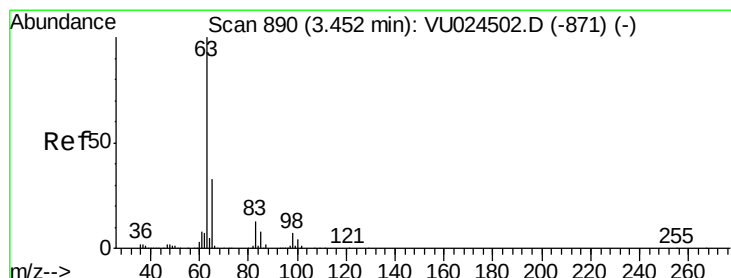
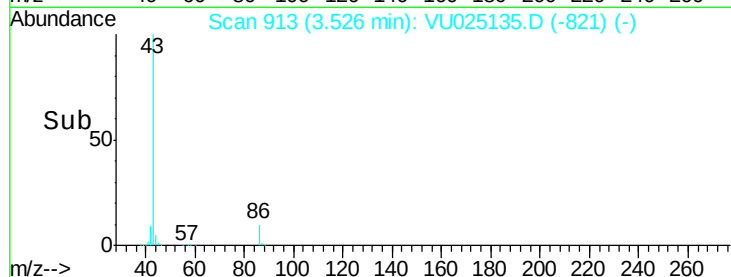
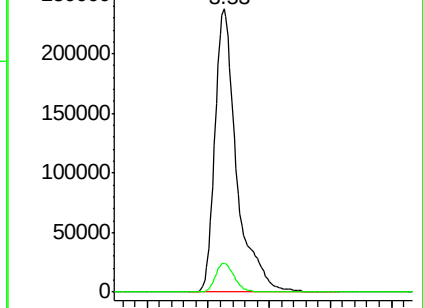
43 100

86 10.3 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 19.812 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

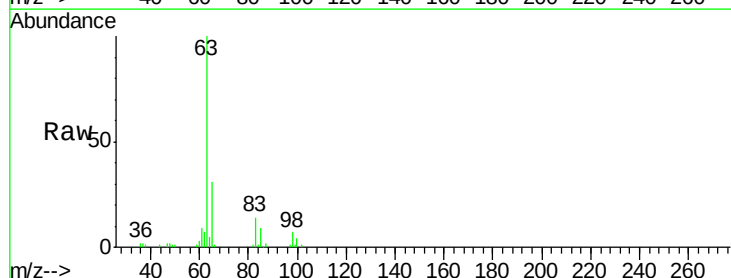
Tgt Ion: 63 Resp: 81901

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

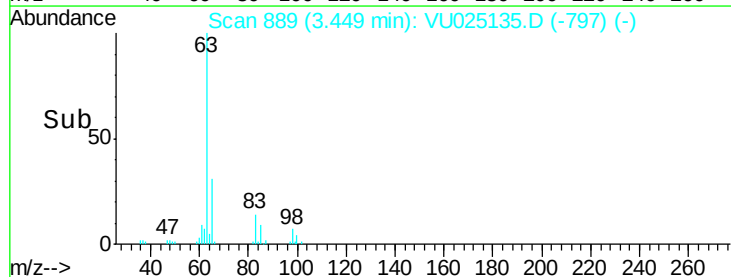
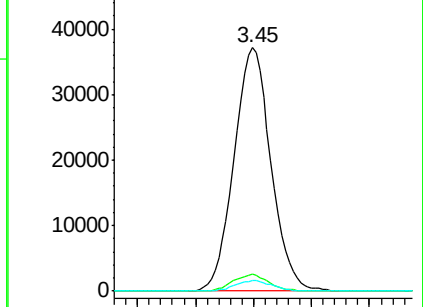
100 4.5 1.8 5.5

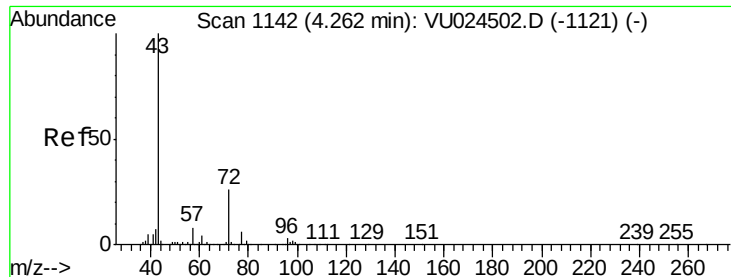


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

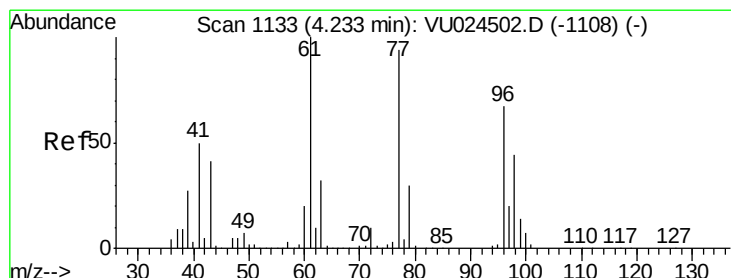
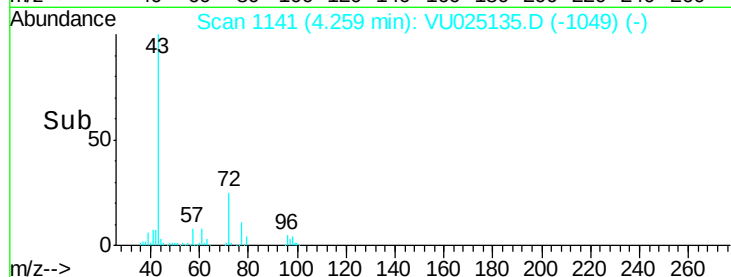
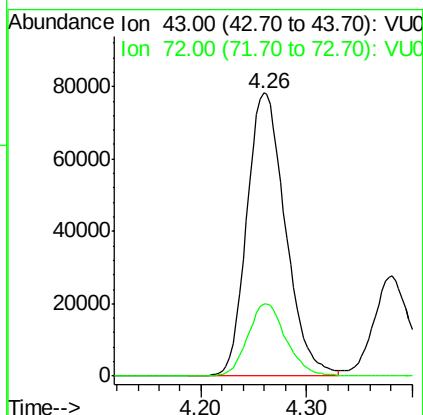
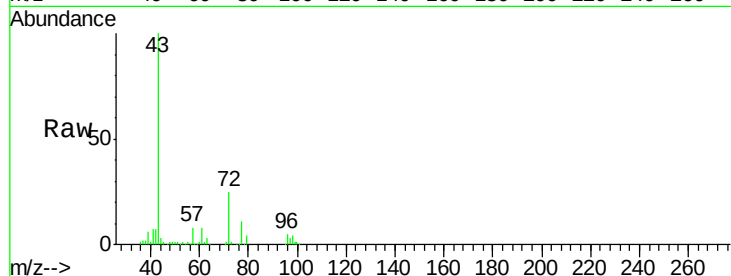




#25
2-Butanone
Concen: 98.070 ug/l
RT: 4.26 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VU025135.D
Acq: 02 Jul 2018 11:49

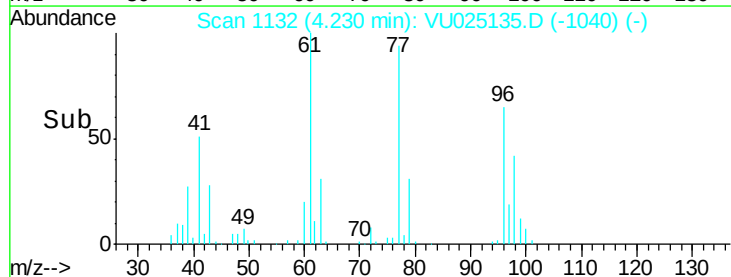
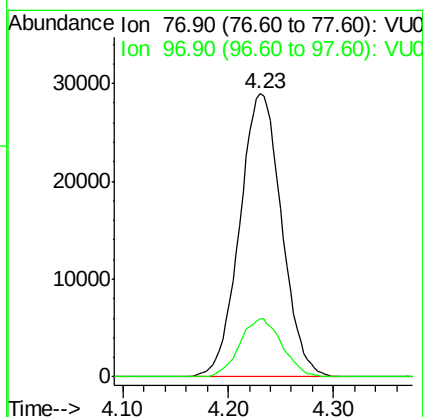
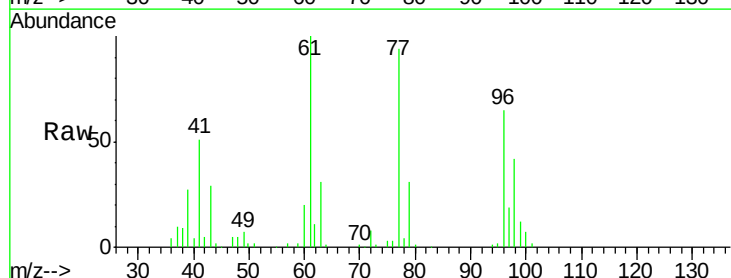
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS01

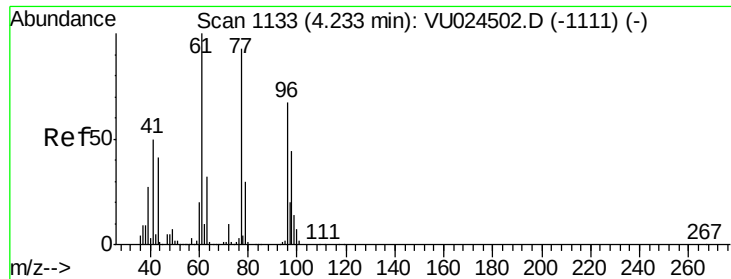
Tot Ion: 43 Resp: 198124
Ion Ratio Lower Upper
43 100
72 25.5 19.6 29.4



#26
2,2-Dichloropropane
Concen: 20.401 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU025135.D
Acq: 02 Jul 2018 11:49

Tgt Ion: 77 Resp: 80083
Ion Ratio Lower Upper
77 100
97 20.6 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 19.611 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS01

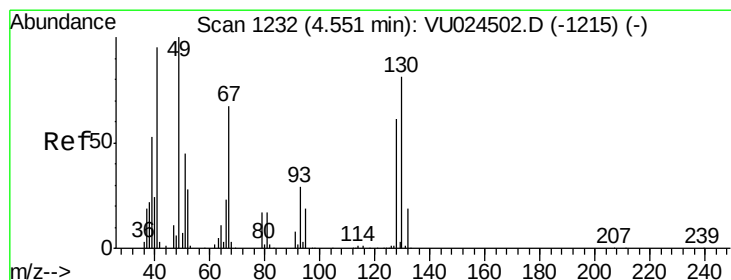
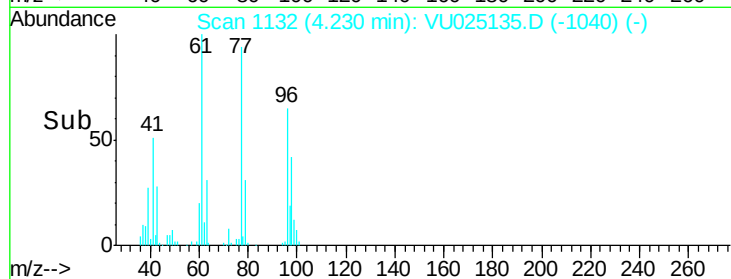
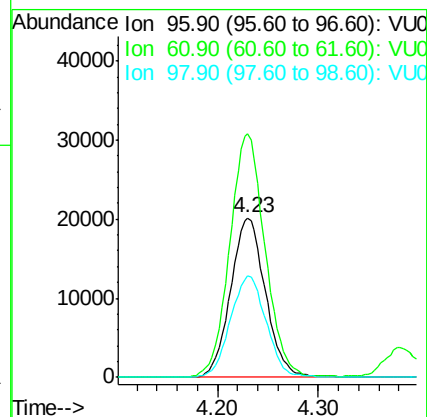
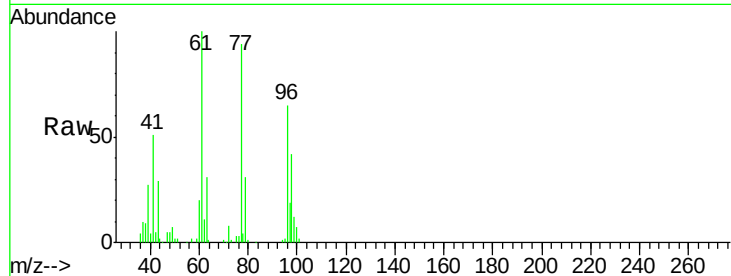
Tot Ion: 96 Resp: 48483

Ion Ratio Lower Upper

96 100

61 154.0 0.0 306.6

98 65.3 0.0 128.8



#28

Bromochloromethane

Concen: 19.806 ug/l

RT: 4.55 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

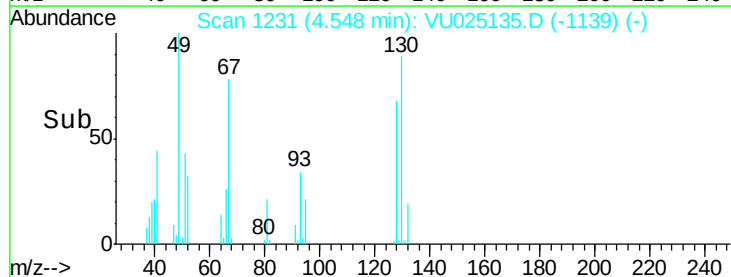
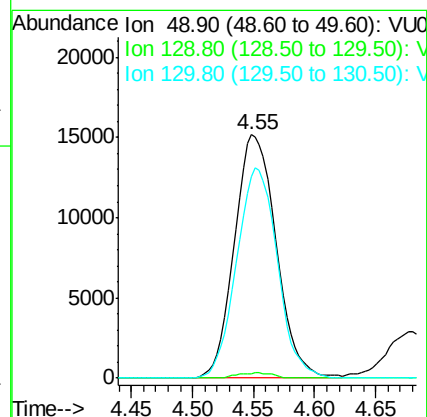
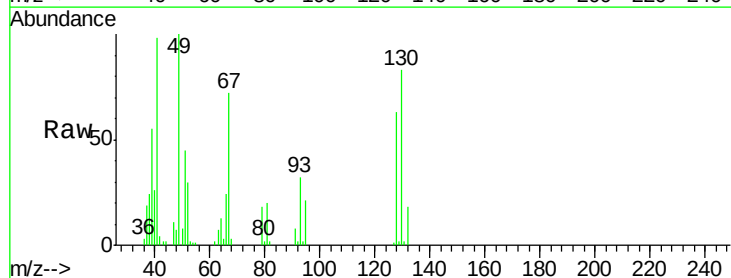
Tgt Ion: 49 Resp: 36065

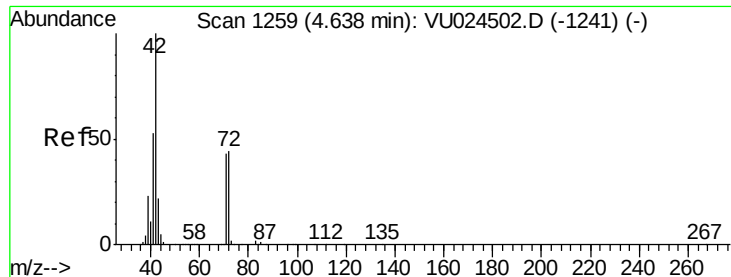
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 84.1 57.8 86.6





#29

Tetrahydrofuran

Concen: 93.578 ug/l

RT: 4.64 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS01

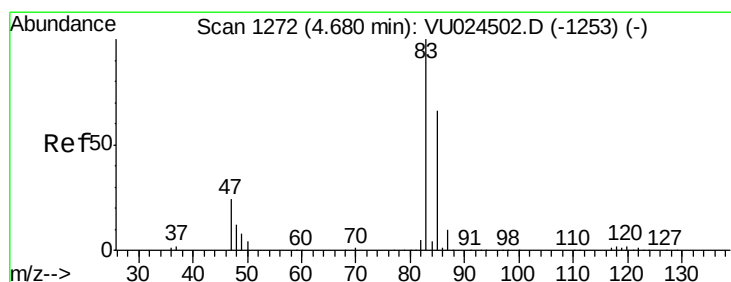
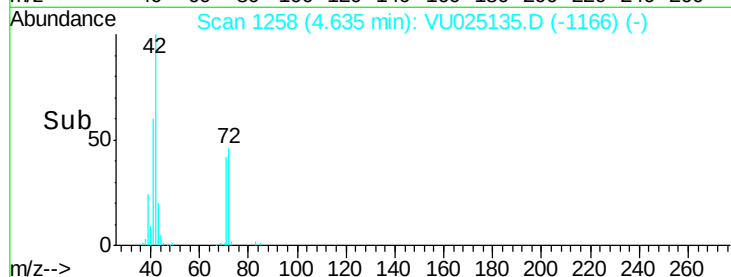
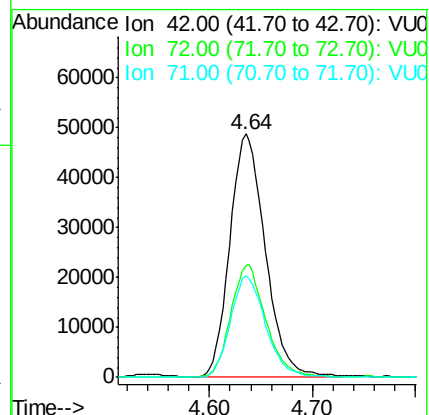
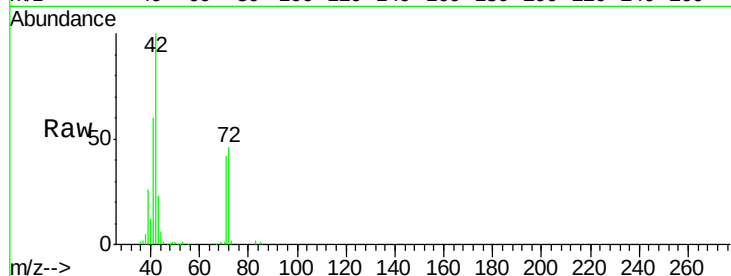
Tot Ion: 42 Resp: 117072

Ion Ratio Lower Upper

42 100

72 45.7 34.5 51.7

71 41.3 32.2 48.4



#30

Chloroform

Concen: 20.521 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU025135.D

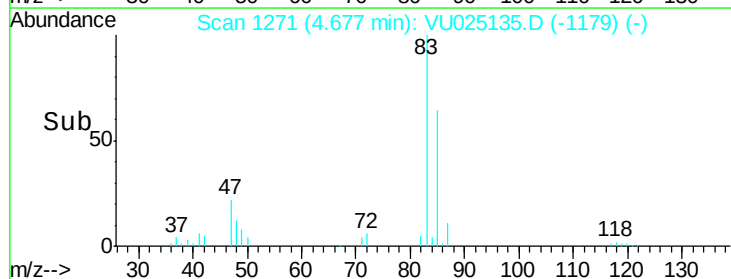
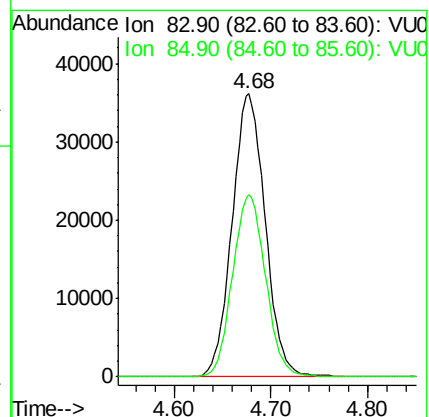
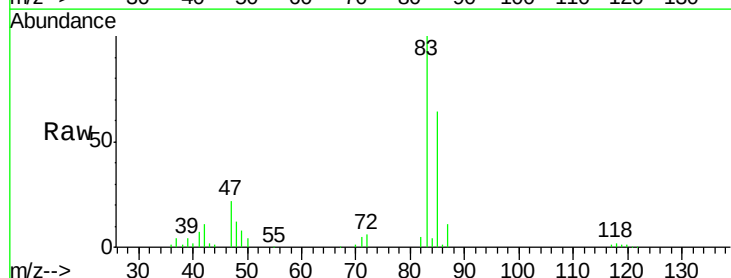
Acq: 02 Jul 2018 11:49

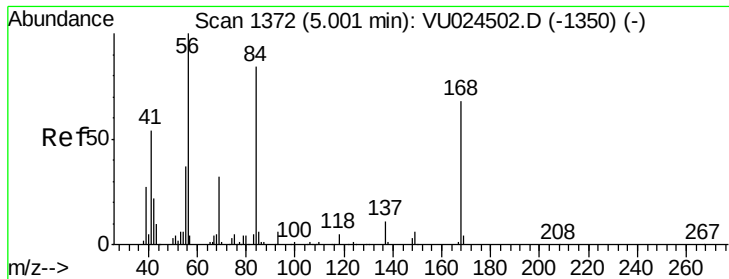
Tgt Ion: 83 Resp: 85867

Ion Ratio Lower Upper

83 100

85 64.4 52.4 78.6

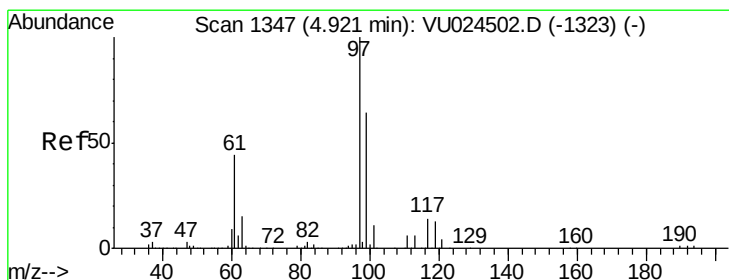
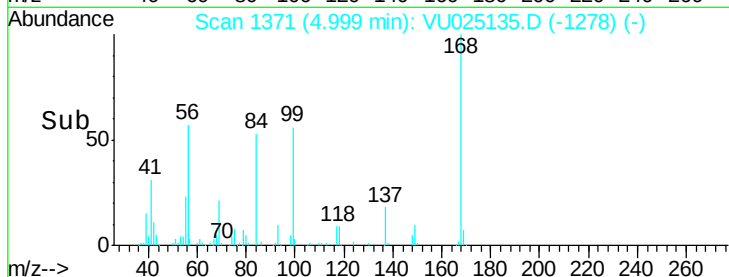
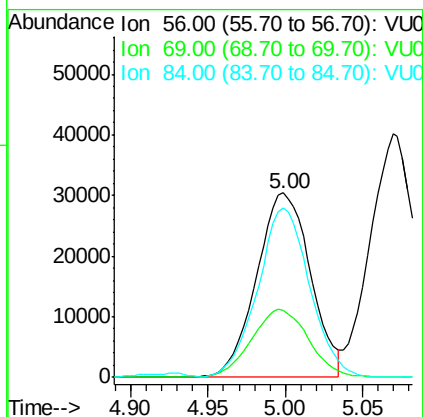
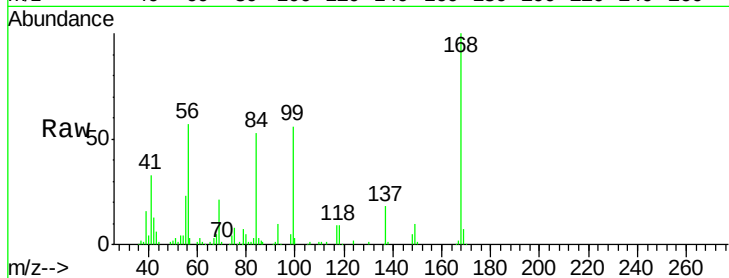




#31
Cyclohexane
Concen: 18.877 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025135.D
Acq: 02 Jul 2018 11:49

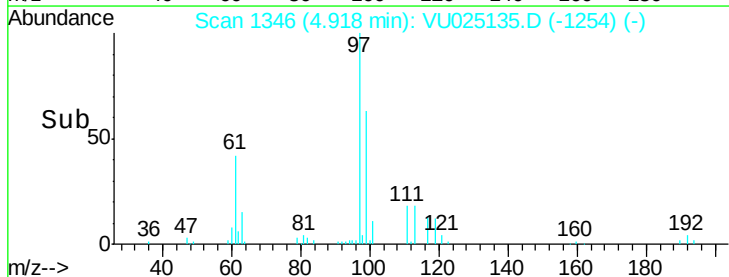
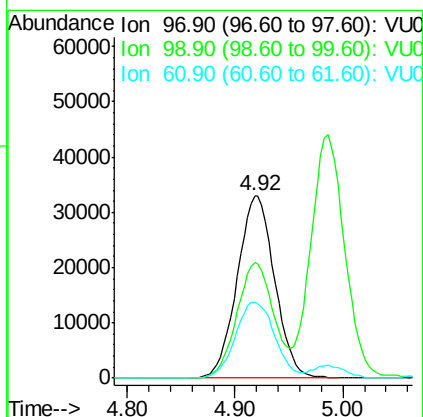
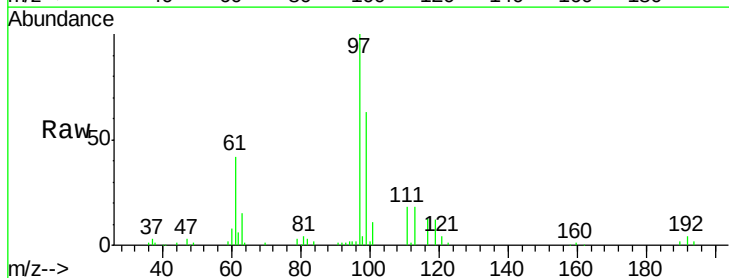
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS01

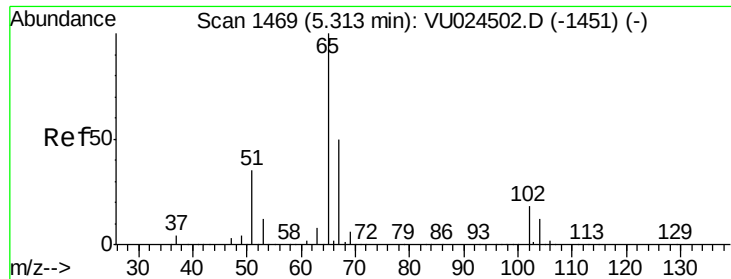
Tot Ion: 56 Resp: 73809
Ion Ratio Lower Upper
56 100
69 36.5 24.8 37.2
84 90.8 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 20.517 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU025135.D
Acq: 02 Jul 2018 11:49

Tgt Ion: 97 Resp: 79388
Ion Ratio Lower Upper
97 100
99 62.4 51.0 76.6
61 43.6 39.4 59.0

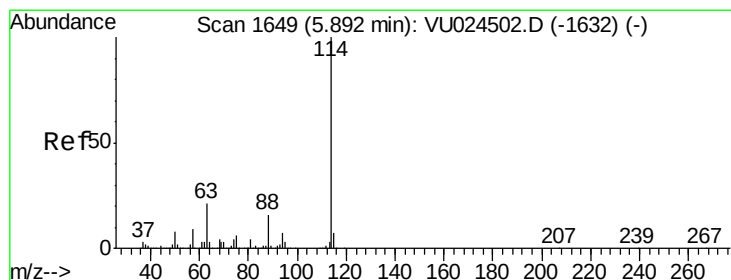
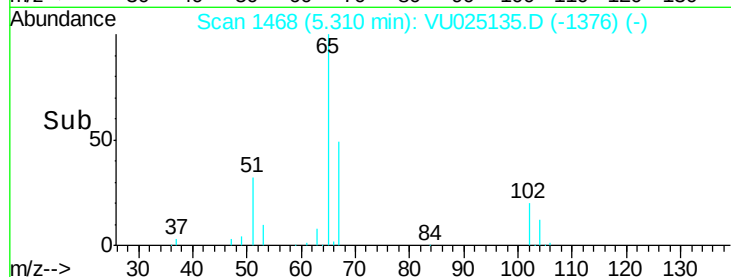
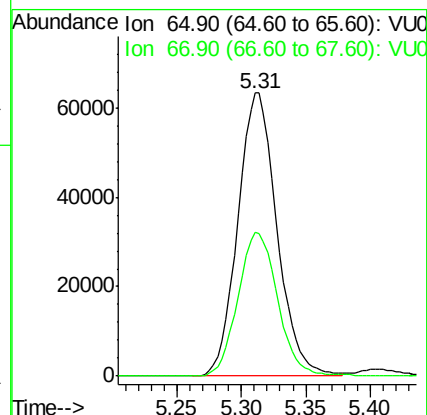
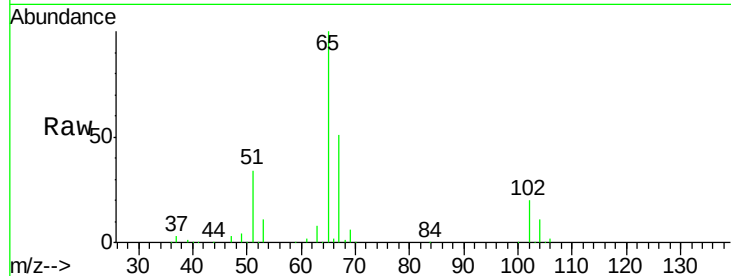




#33
 1,2-Dichloroethane-d4
 Concen: 47.715 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU025135.D
 Acq: 02 Jul 2018 11:49

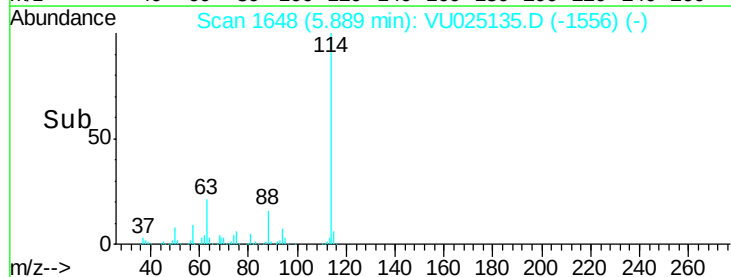
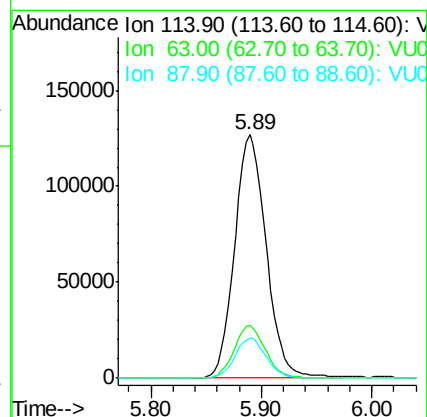
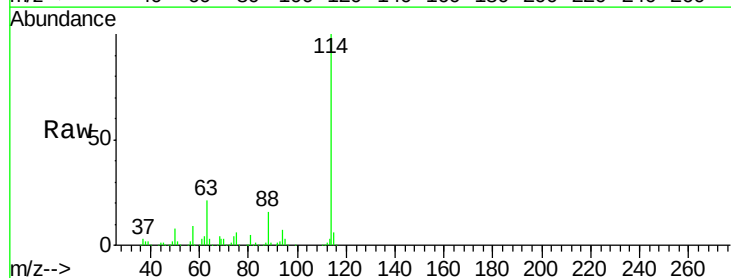
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS01

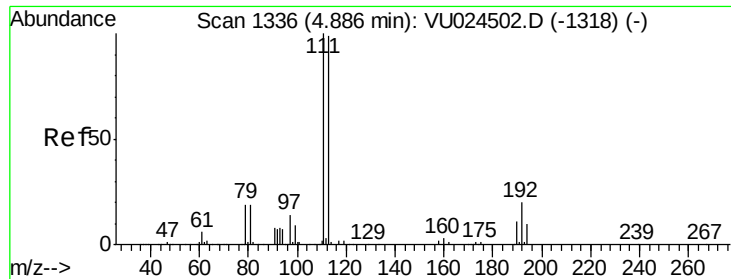
Tot Ion: 65 Resp: 133563
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025135.D
 Acq: 02 Jul 2018 11:49

Tgt Ion: 114 Resp: 252729
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 45.4
 88 16.3 0.0 31.0





#35

Dibromofluoromethane

Concen: 52.135 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS01

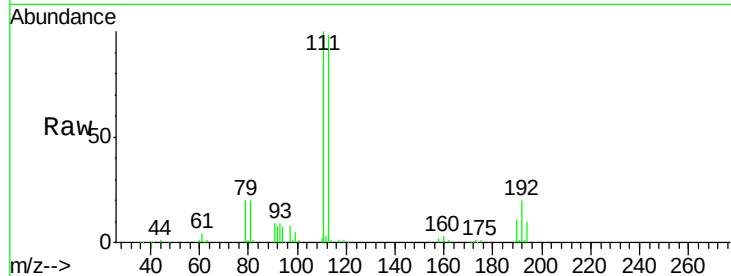
Tot Ion:113 Resp: 109350

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

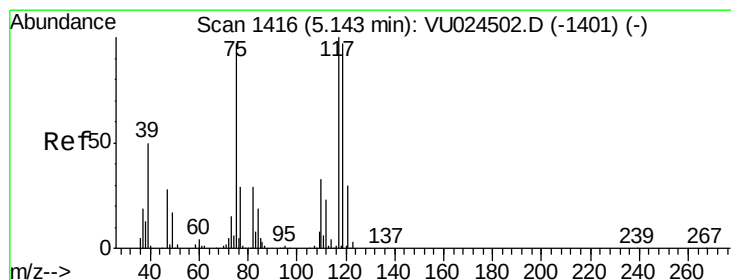
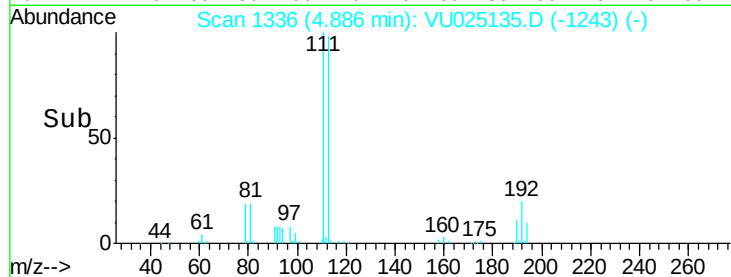
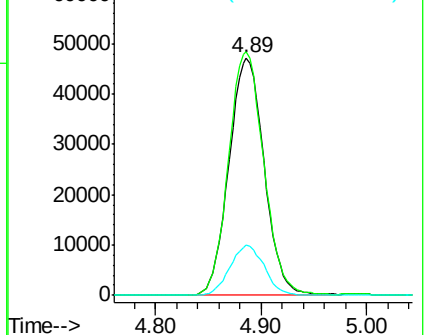
192 20.4 16.2 24.4



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: 19.960 ug/l

RT: 5.14 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

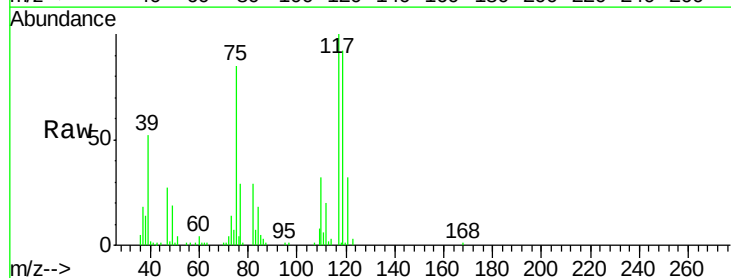
Tgt Ion: 75 Resp: 59276

Ion Ratio Lower Upper

75 100

110 36.1 17.0 50.9

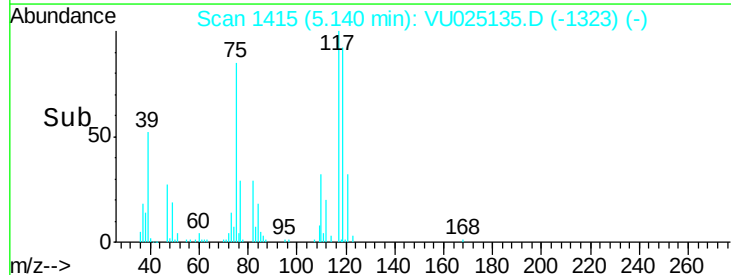
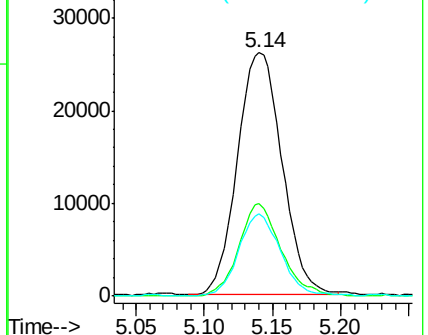
77 32.0 24.2 36.4

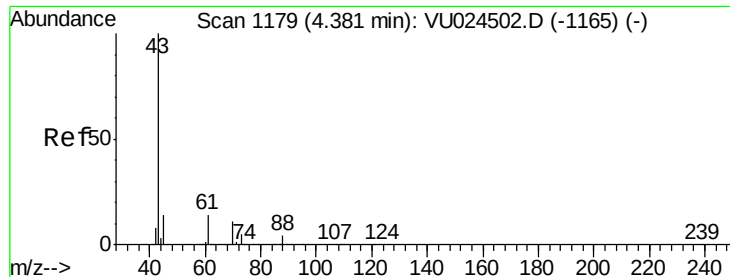


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

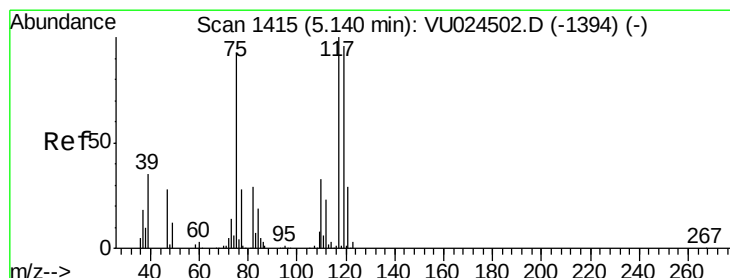
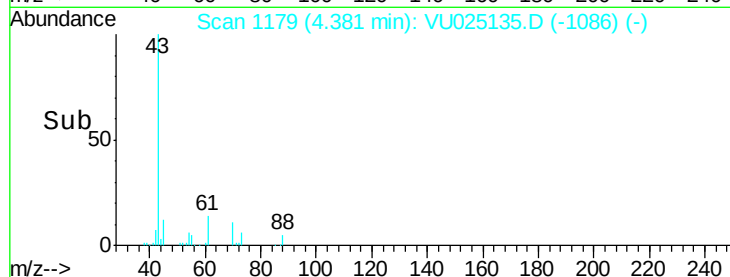
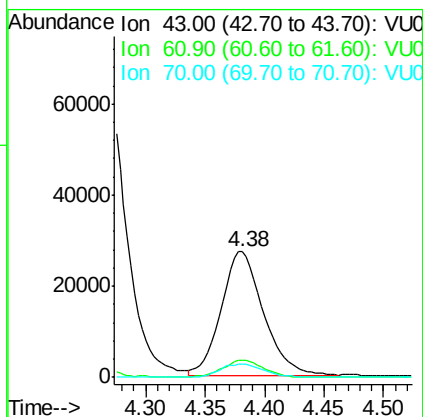
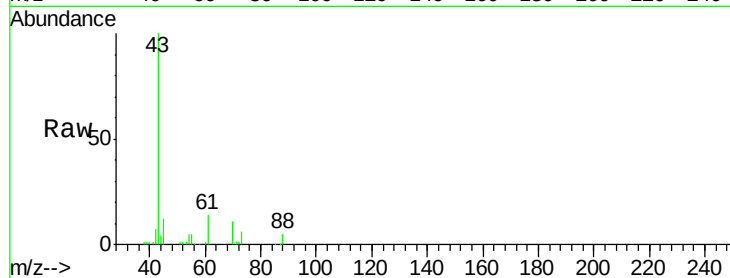




#37
Ethyl Acetate
Concen: 20.694 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU025135.D
Acq: 02 Jul 2018 11:49

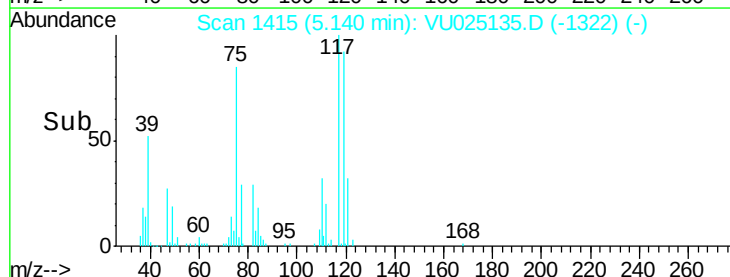
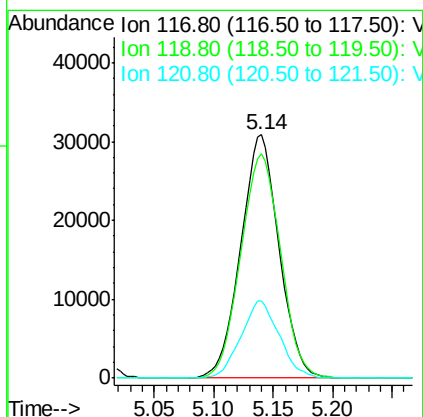
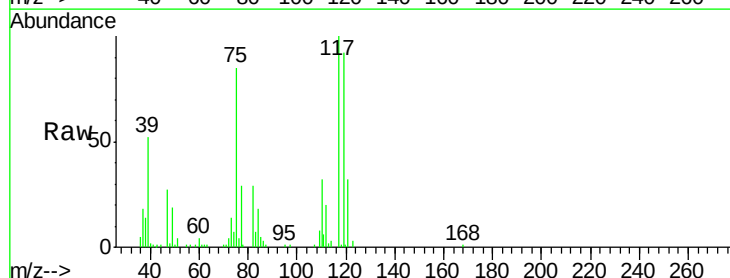
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS01

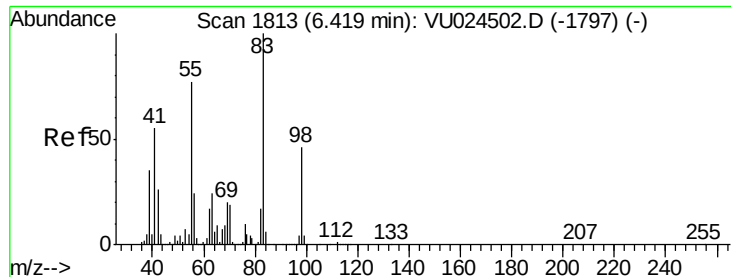
Tot Ion: 43 Resp: 66984
Ion Ratio Lower Upper
43 100
61 13.8 10.5 15.7
70 10.9 7.4 11.2



#38
Carbon Tetrachloride
Concen: 21.041 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU025135.D
Acq: 02 Jul 2018 11:49

Tgt Ion: 117 Resp: 68715
Ion Ratio Lower Upper
117 100
119 92.1 76.1 114.1
121 31.9 23.7 35.5

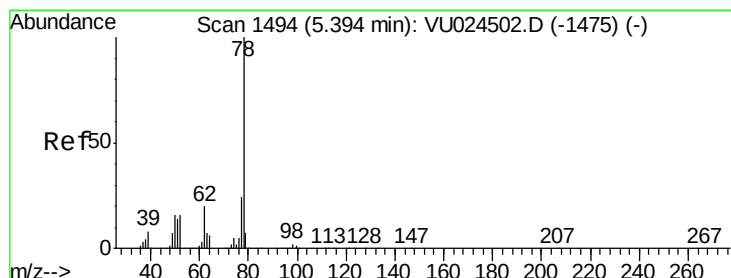
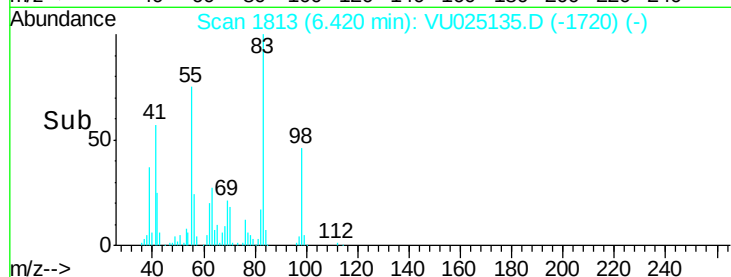
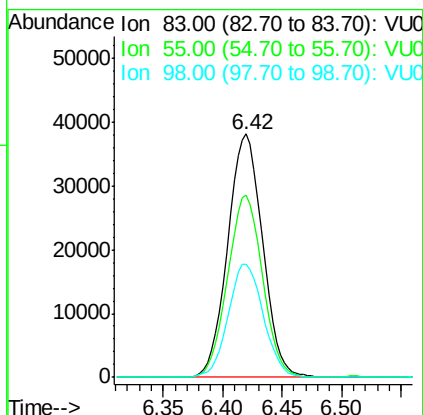
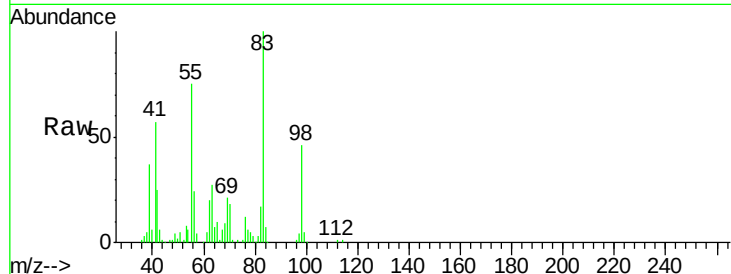




#39
Methylvlcyclohexane
Concen: 20.941 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025135.D
Acq: 02 Jul 2018 11:49

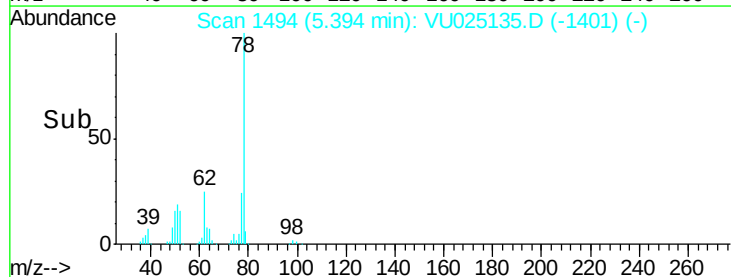
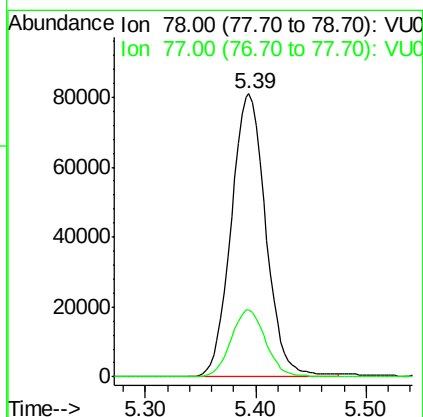
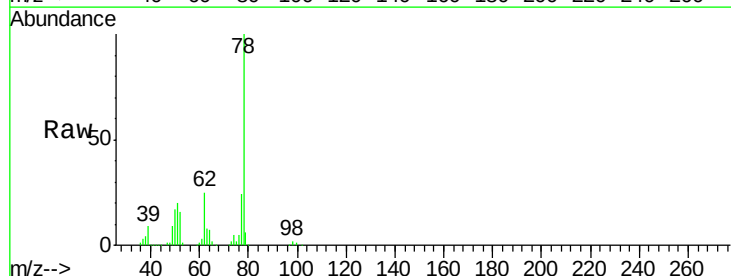
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS01

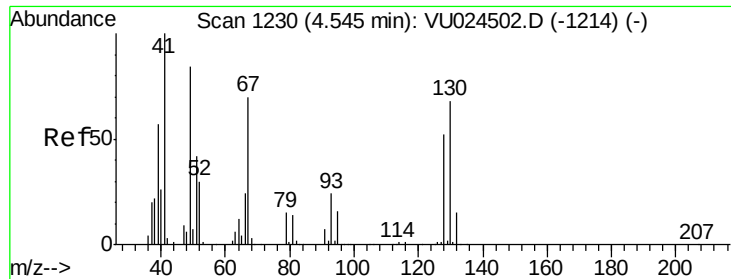
Tot Ion: 83 Resp: 77609
Ion Ratio Lower Upper
83 100
55 74.8 65.8 98.6
98 46.3 36.7 55.1



#40
Benzene
Concen: 20.815 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025135.D
Acq: 02 Jul 2018 11:49

Tgt Ion: 78 Resp: 176143
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8

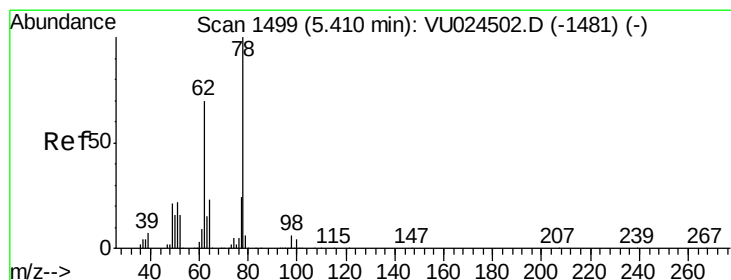
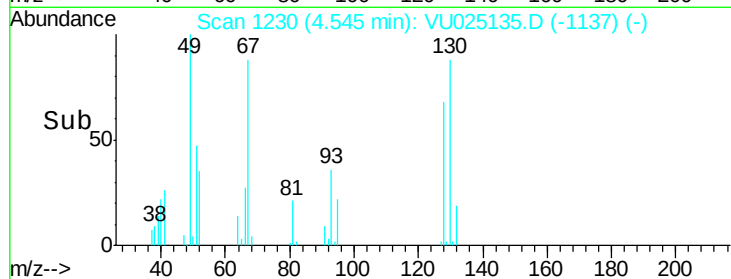
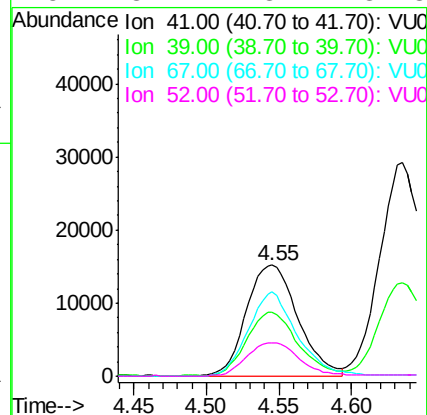
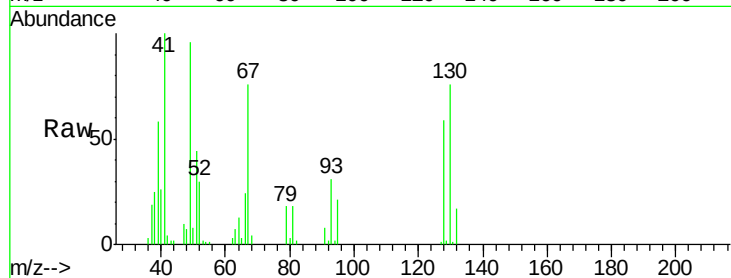




#41
Methacrylonitrile
Concen: 21.592 ug/l
RT: 4.55 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025135.D
Acq: 02 Jul 2018 11:49

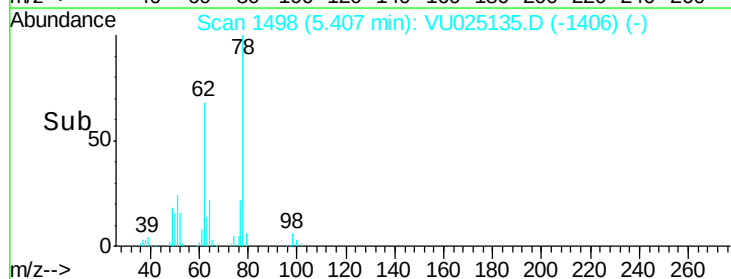
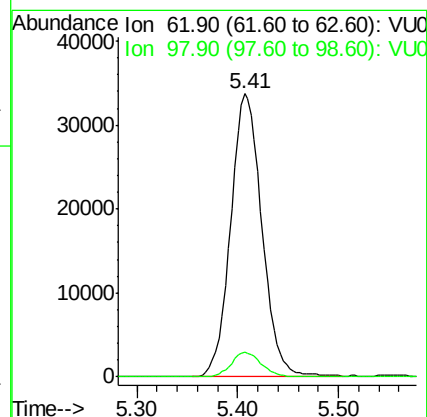
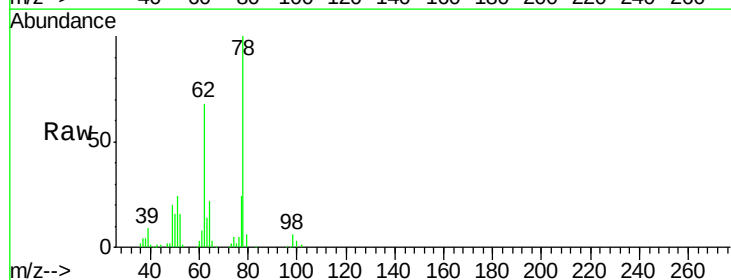
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS01

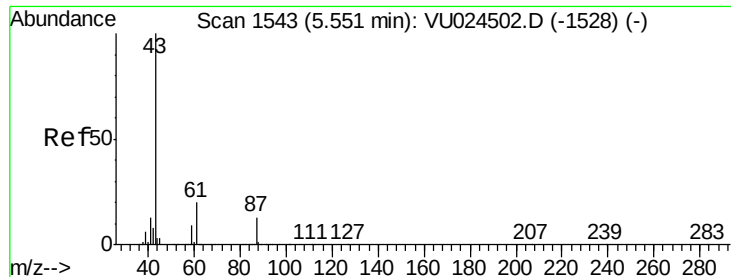
Tot Ion:	41	Resp:	37682
Ion	Ratio	Lower	Upper
41	100		
39	57.7	43.8	65.6
67	71.4	56.3	84.5
52	31.2	23.2	34.8



#42
1,2-Dichloroethane
Concen: 22.645 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025135.D
Acq: 02 Jul 2018 11:49

Tgt Ion:	62	Resp:	72985
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6





#43

Isopropyl Acetate

Concen: 19.611 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS01

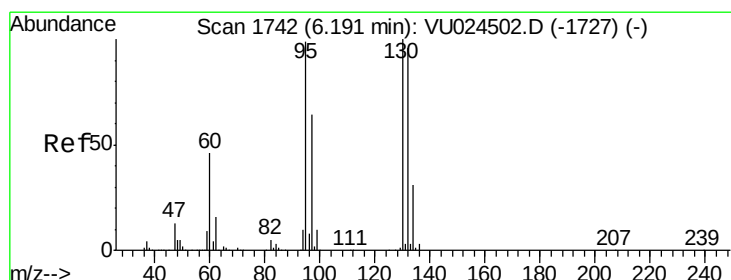
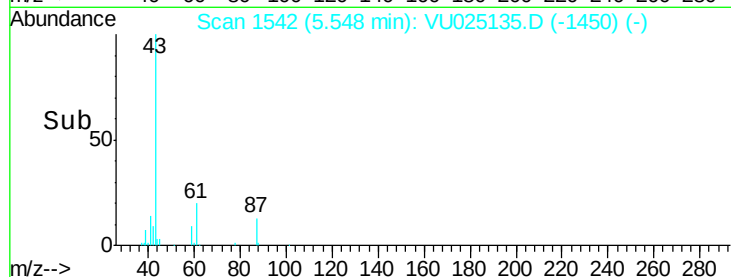
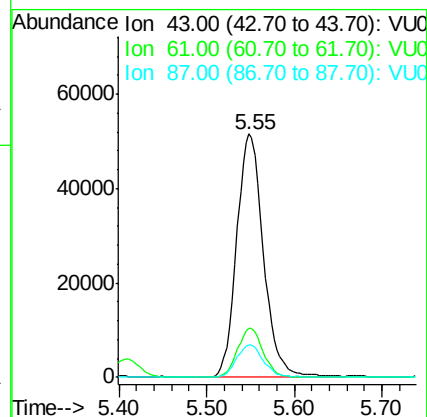
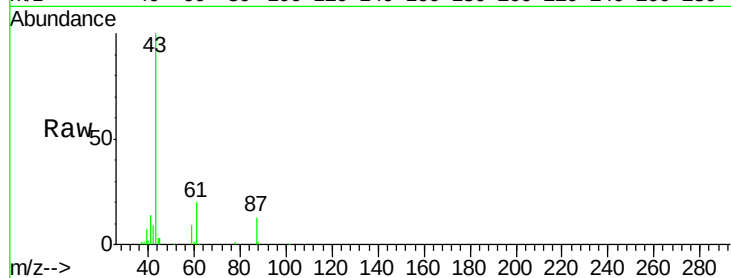
Tot Ion: 43 Resp: 109721

Ion Ratio Lower Upper

43 100

61 19.1 15.4 23.0

87 13.4 10.0 15.0



#44

Trichloroethene

Concen: 20.356 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025135.D

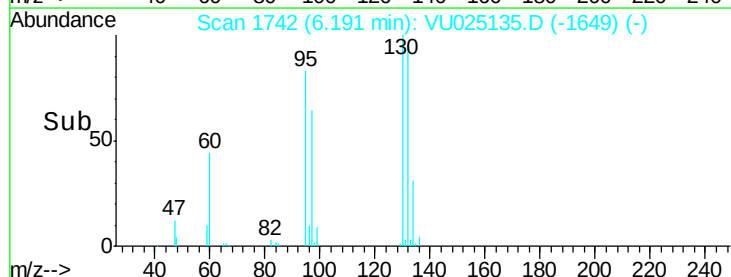
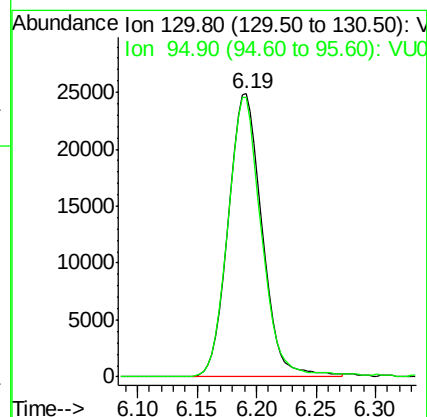
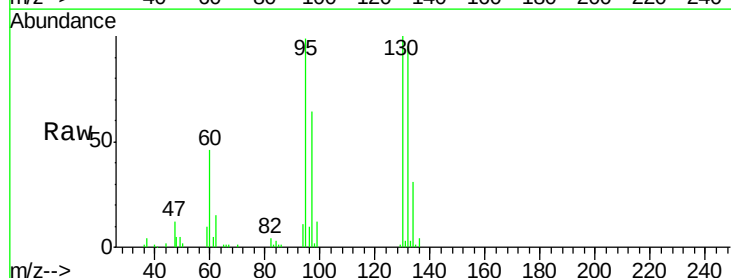
Acq: 02 Jul 2018 11:49

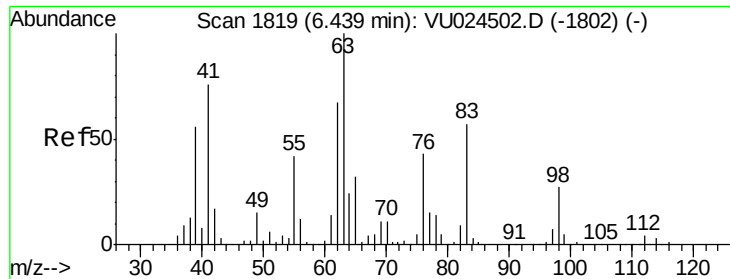
Tgt Ion:130 Resp: 49024

Ion Ratio Lower Upper

130 100

95 98.7 0.0 202.4

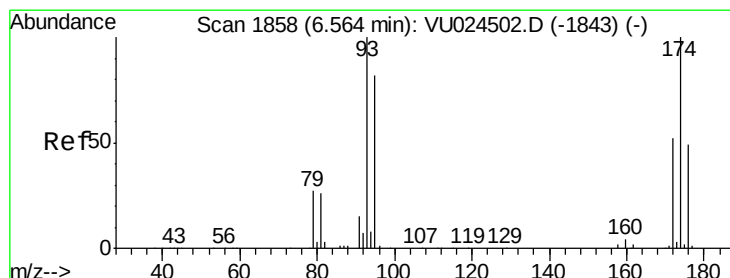
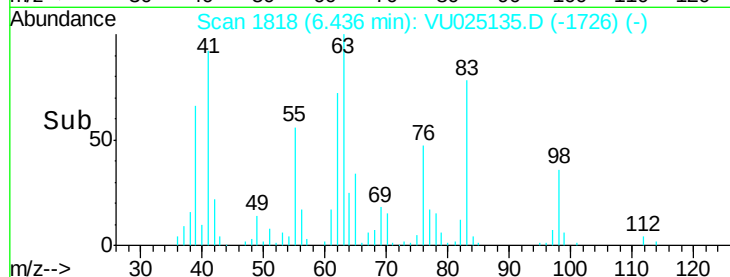
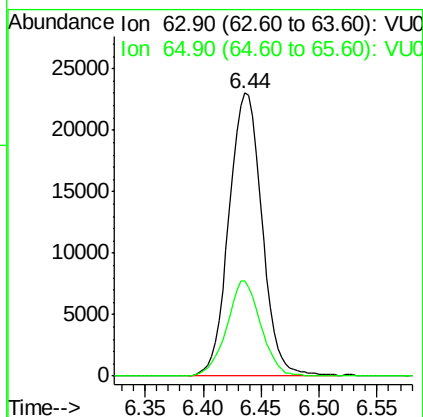
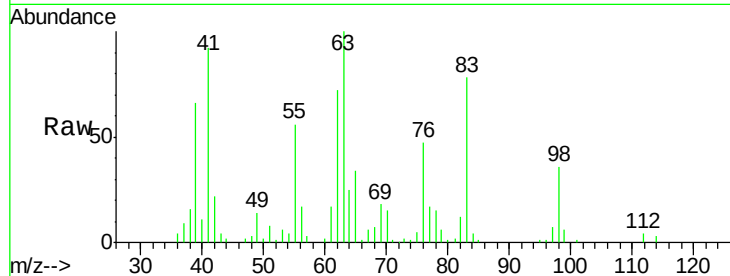




#45
 1,2-Dichloropropane
 Concen: 20.231 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU025135.D
 Acq: 02 Jul 2018 11:49

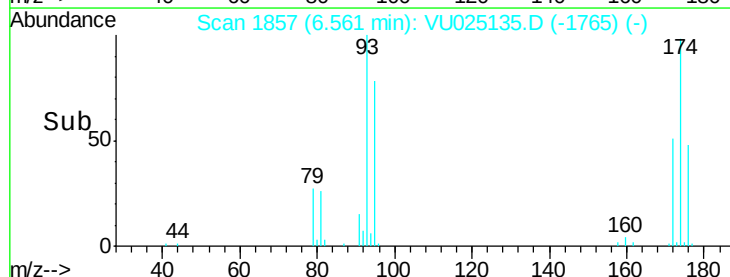
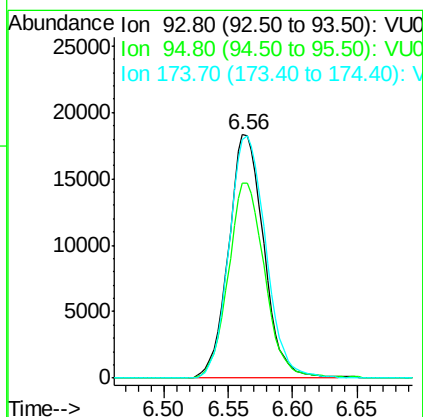
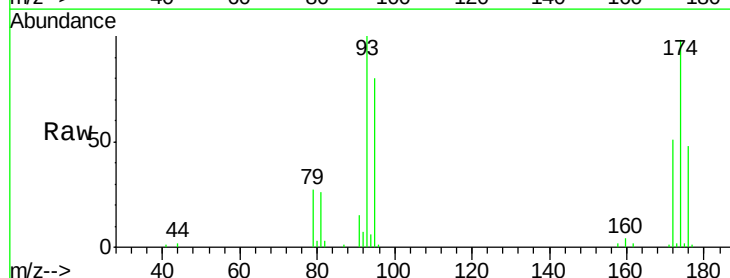
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS01

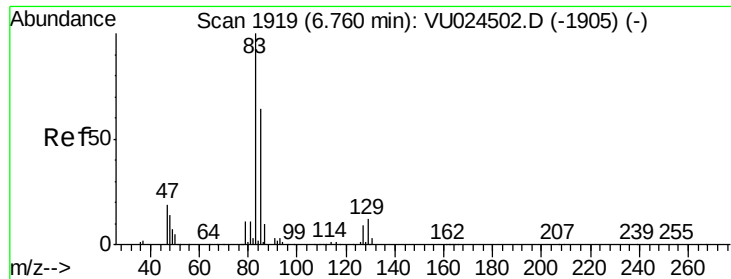
Tot Ion: 63 Resp: 45681
 Ion Ratio Lower Upper
 63 100
 65 33.8 24.8 37.2



#46
 Dibromomethane
 Concen: 21.937 ug/l
 RT: 6.56 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: VU025135.D
 Acq: 02 Jul 2018 11:49

Tgt Ion: 93 Resp: 34791
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.5 98.3
 174 103.1 78.7 118.1





#47

Bromodichloromethane

Concen: 20.567 ug/l

RT: 6.76 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS01

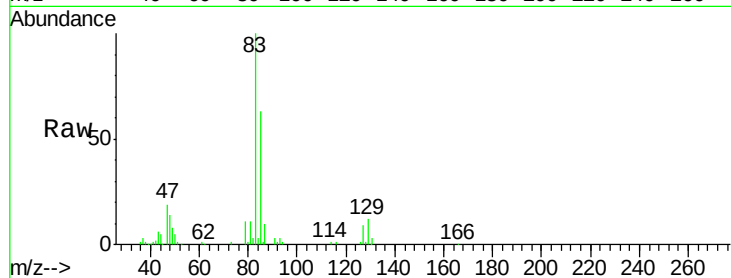
Tot Ion: 83 Resp: 64953

Ion Ratio Lower Upper

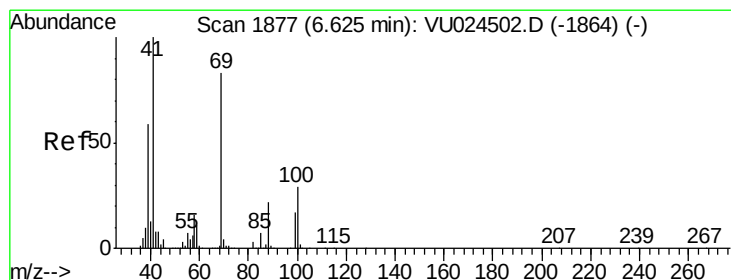
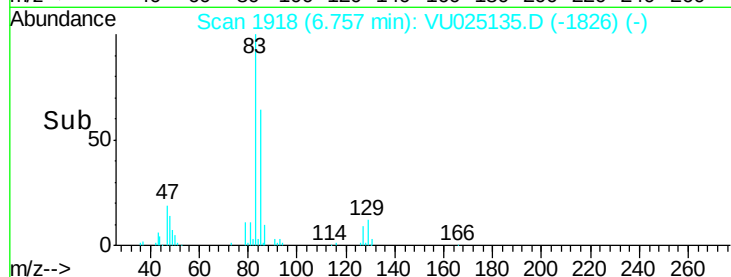
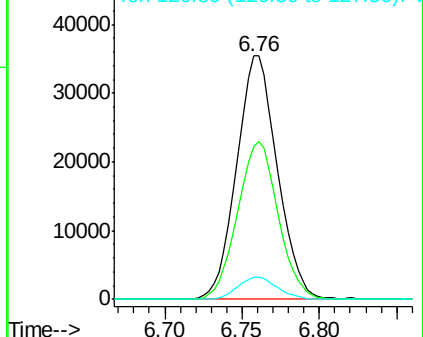
83 100

85 62.6 51.9 77.9

127 8.9 6.6 9.8



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: 21.016 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

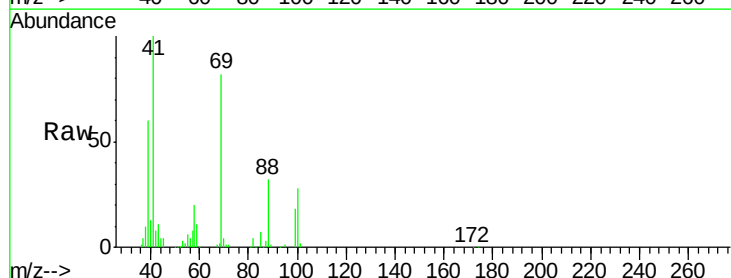
Tgt Ion: 41 Resp: 57257

Ion Ratio Lower Upper

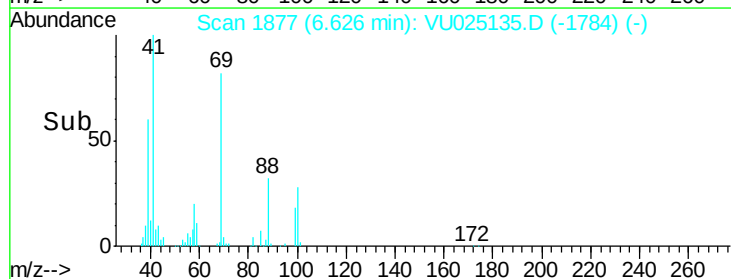
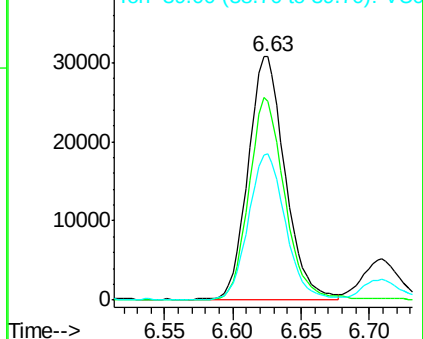
41 100

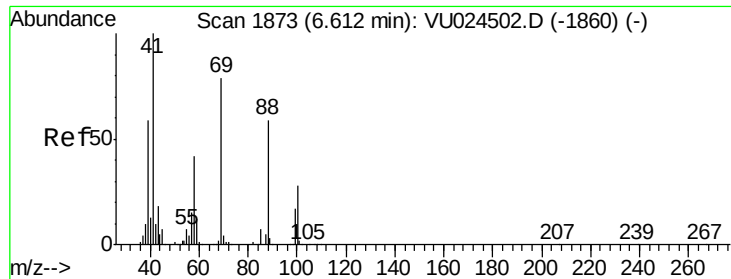
69 82.0 67.3 100.9

39 60.6 46.5 69.7



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

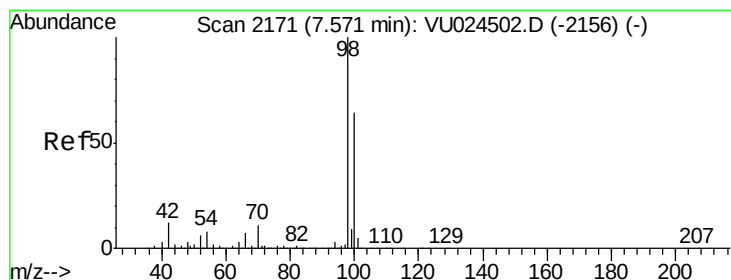
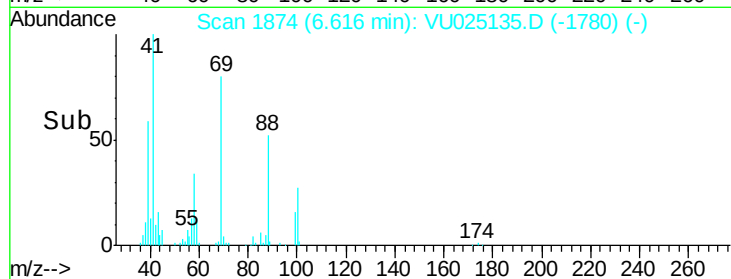
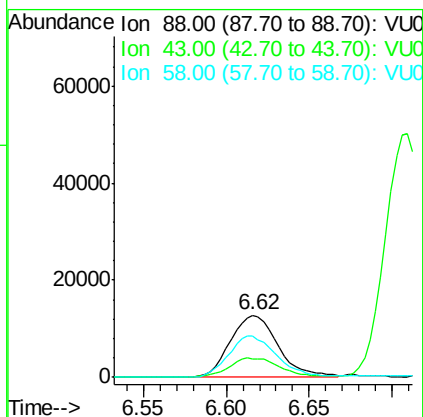
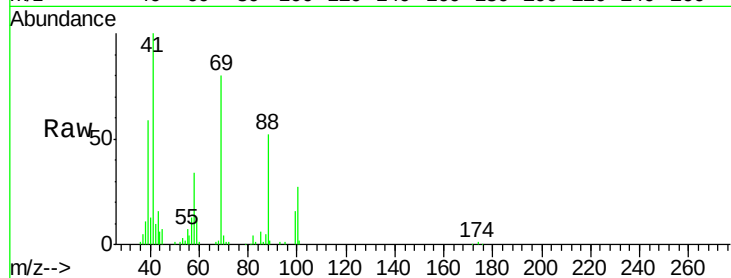




#49
 1,4-Dioxane
 Concen: 481.422 ug/l
 RT: 6.62 min Scan# 1874
 Delta R.T. 0.00 min
 Lab File: VU025135.D
 Acq: 02 Jul 2018 11:49

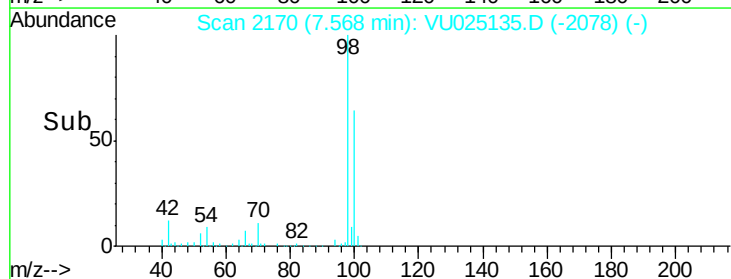
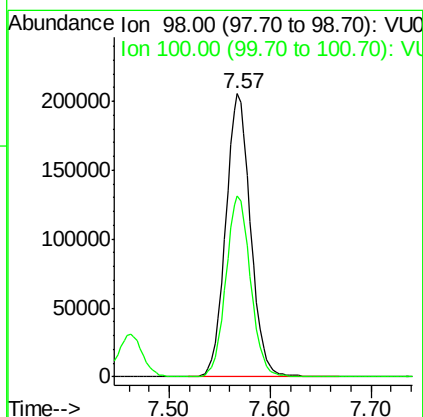
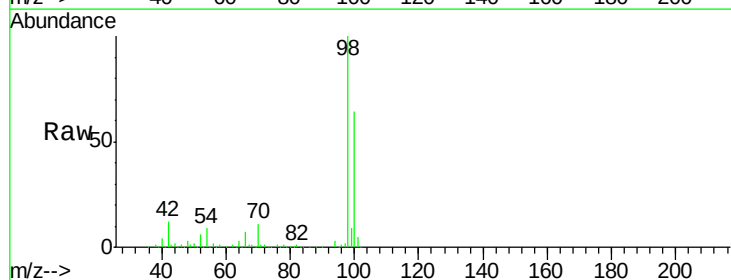
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS01

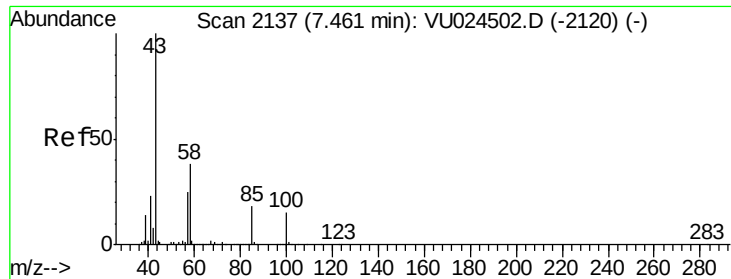
Tot Ion: 88 Resp: 25650
 Ion Ratio Lower Upper
 88 100
 43 34.0 28.6 42.8
 58 68.0 58.2 87.4



#50
 Toluene-d8
 Concen: 46.166 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VU025135.D
 Acq: 02 Jul 2018 11:49

Tgt Ion: 98 Resp: 353200
 Ion Ratio Lower Upper
 98 100
 100 63.1 51.1 76.7

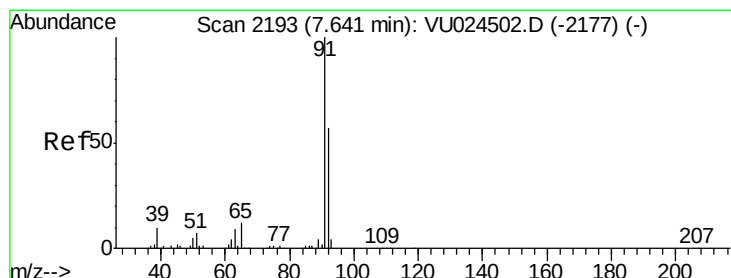
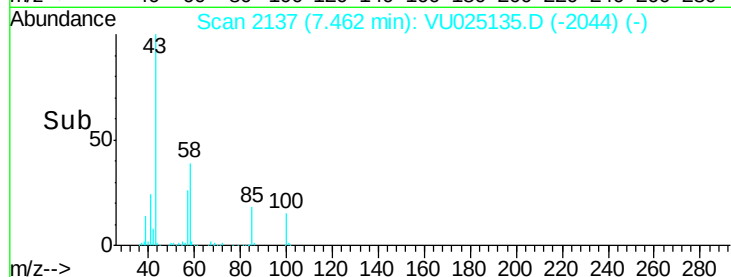
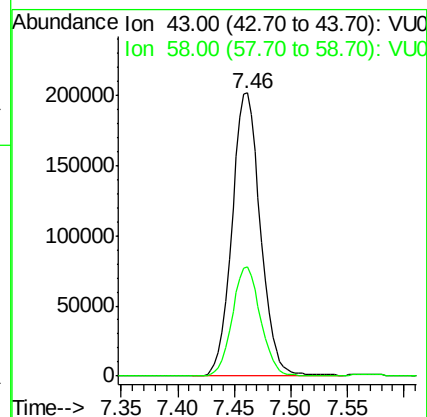
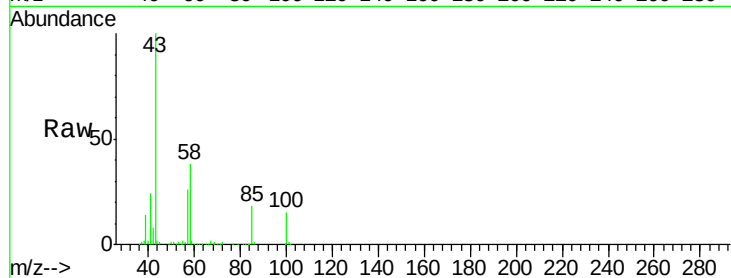




#51
 4-Methyl-2-Pentanone
 Concen: 100.564 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU025135.D
 Acq: 02 Jul 2018 11:49

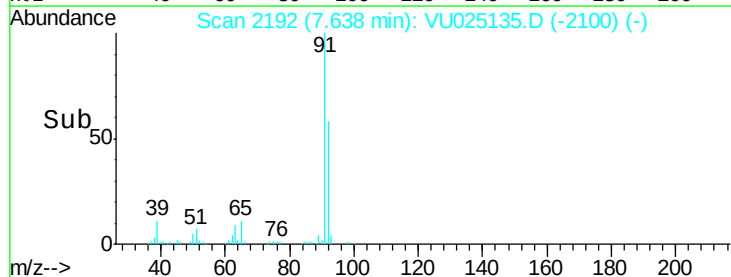
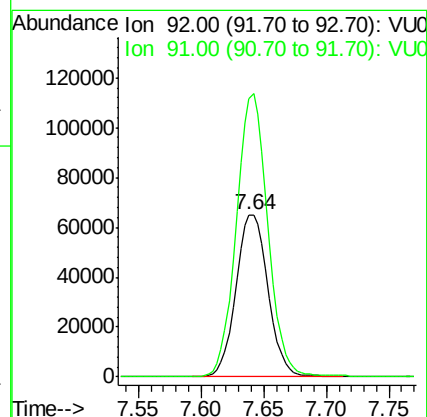
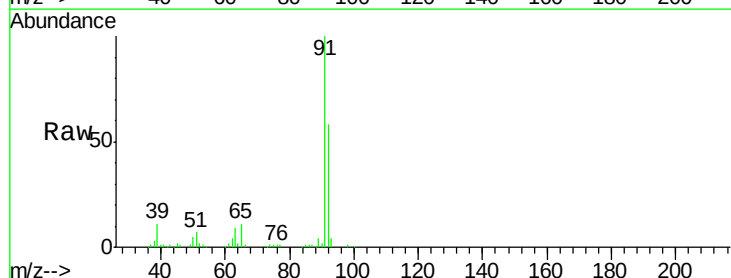
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS01

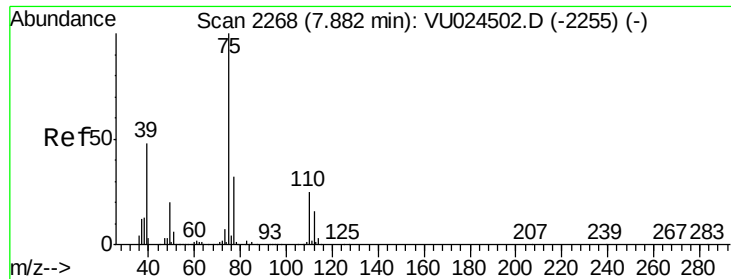
Tot Ion: 43 Resp: 353490
 Ion Ratio Lower Upper
 43 100
 58 38.2 30.0 45.0



#52
 Toluene
 Concen: 21.234 ug/l
 RT: 7.64 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: VU025135.D
 Acq: 02 Jul 2018 11:49

Tgt Ion: 92 Resp: 115602
 Ion Ratio Lower Upper
 92 100
 91 171.6 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 19.559 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

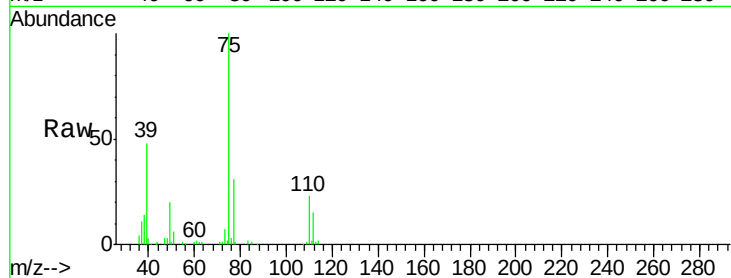
VU0702WBS01

Tot Ion: 75 Resp: 69367

Ion Ratio Lower Upper

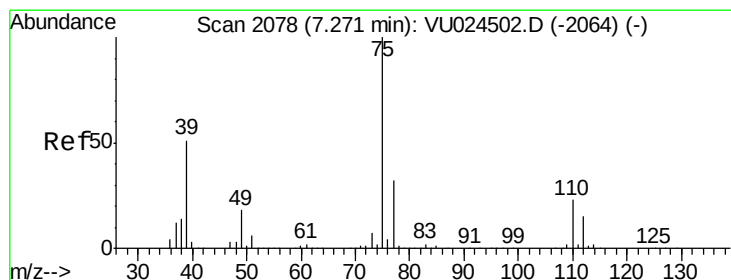
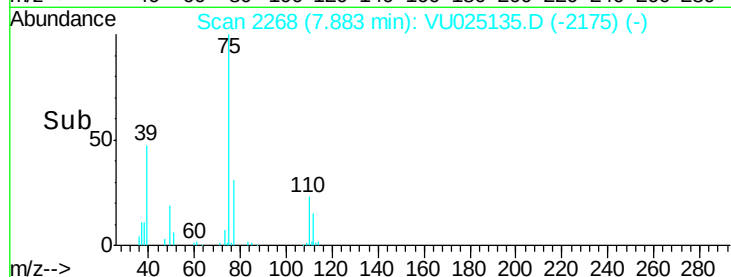
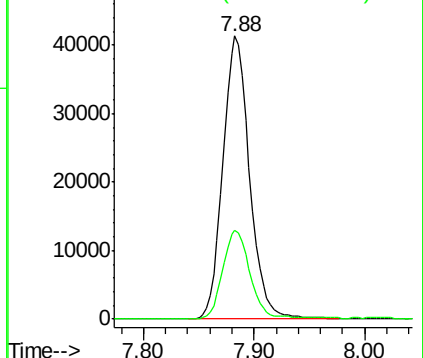
75 100

77 31.4 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 19.828 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

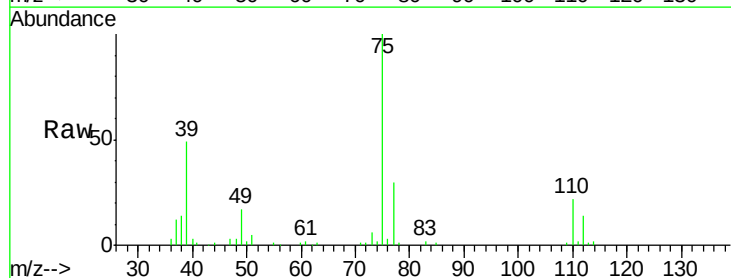
Tgt Ion: 75 Resp: 74933

Ion Ratio Lower Upper

75 100

77 29.8 24.6 36.8

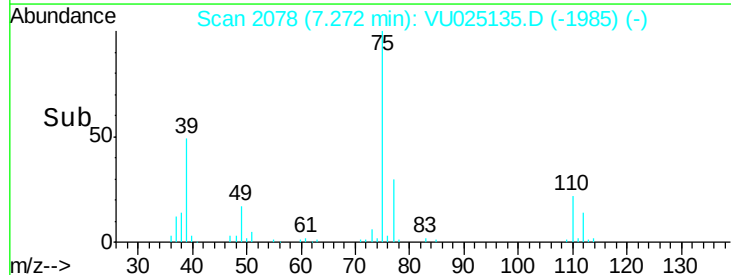
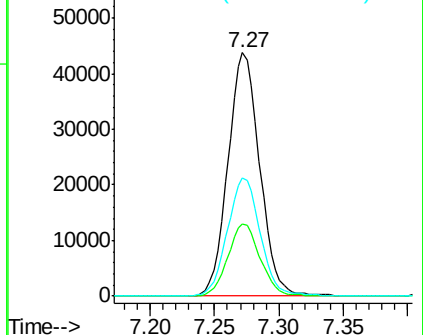
39 48.7 39.8 59.6

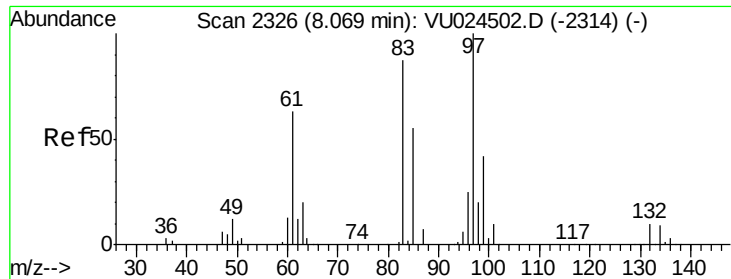


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

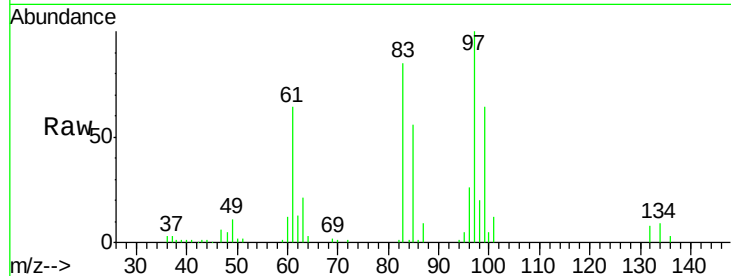




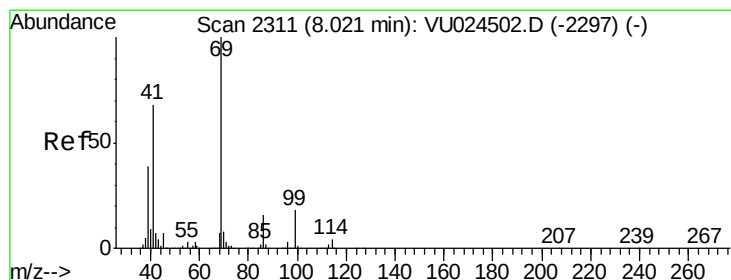
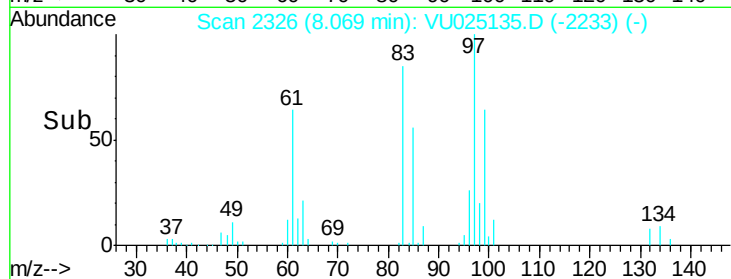
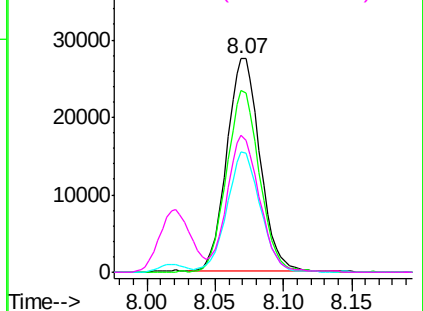
#55
 1,1,2-Trichloroethane
 Concen: 20.995 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025135.D
 Acq: 02 Jul 2018 11:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS01

Tot Ion:	97	Resp:	46463
Ion	Ratio	Lower	Upper
97	100		
83	85.6	70.5	105.7
85	56.4	46.4	69.6
99	64.0	50.2	75.2

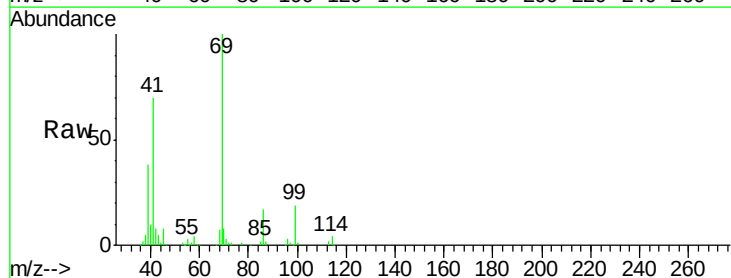


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

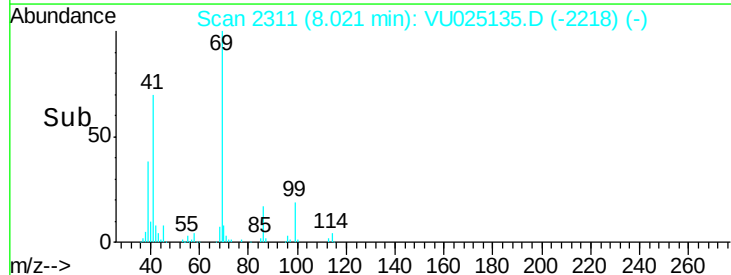
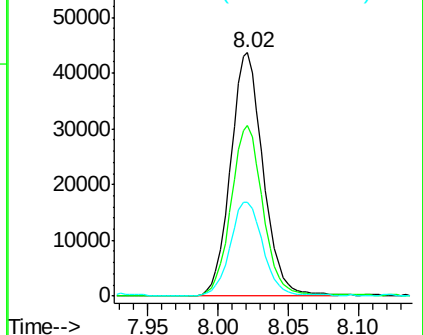


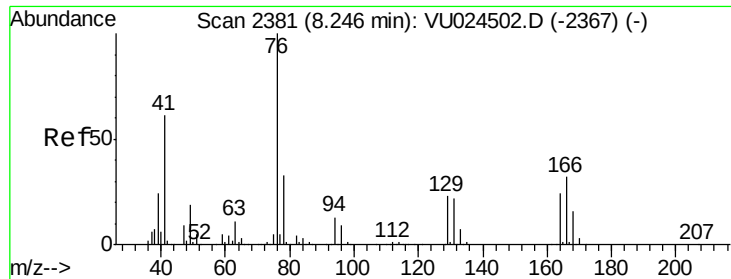
#56
 Ethyl methacrylate
 Concen: 19.071 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025135.D
 Acq: 02 Jul 2018 11:49

Tgt Ion:	69	Resp:	70640
Ion	Ratio	Lower	Upper
69	100		
41	68.8	54.1	81.1
39	39.1	30.3	45.5



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

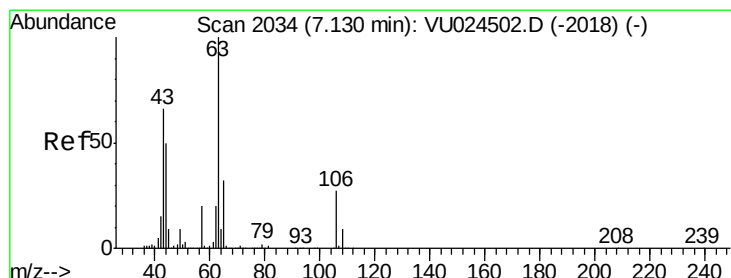
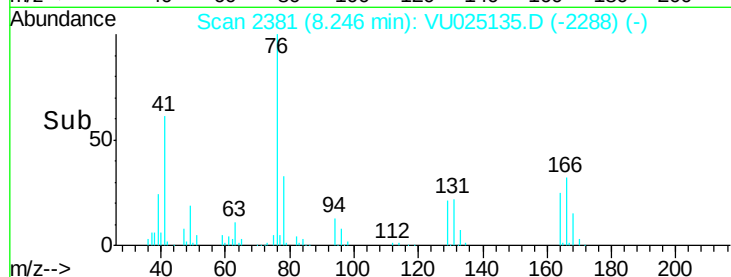
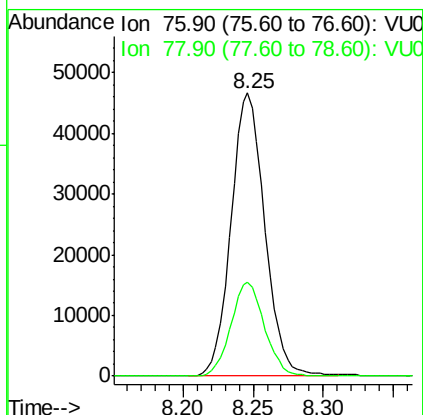
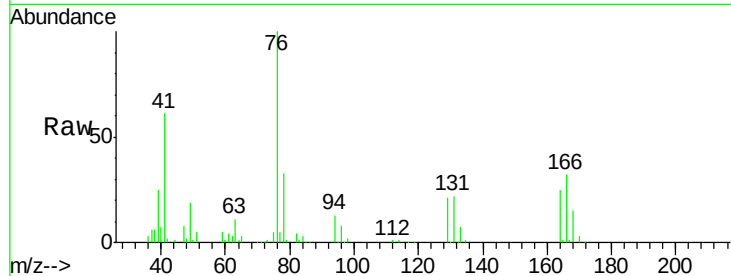




#57
 1,3-Dichloropropane
 Concen: 20.969 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025135.D
 Acq: 02 Jul 2018 11:49

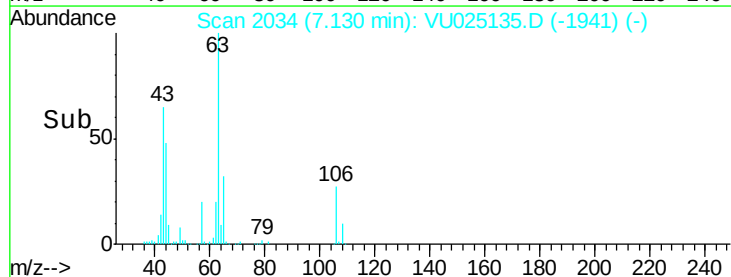
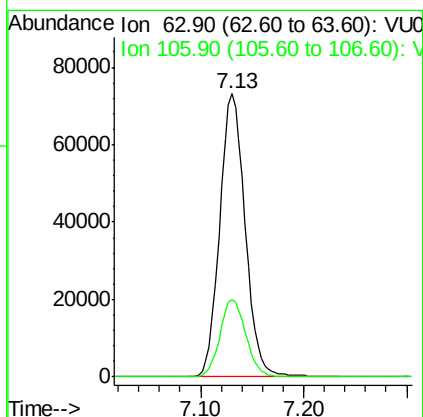
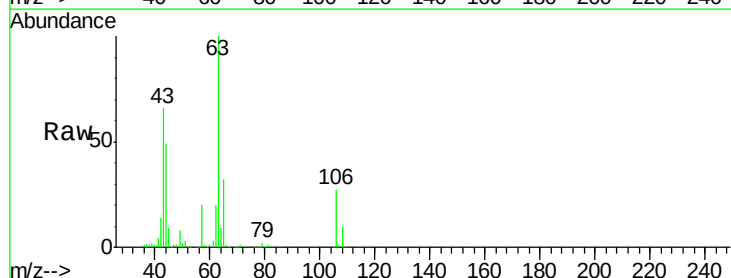
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS01

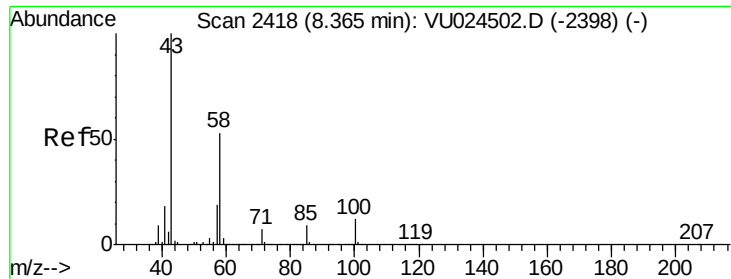
Tot Ion: 76 Resp: 78283
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 88.424 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: VU025135.D
 Acq: 02 Jul 2018 11:49

Tgt Ion: 63 Resp: 125478
 Ion Ratio Lower Upper
 63 100
 106 27.7 20.2 30.2

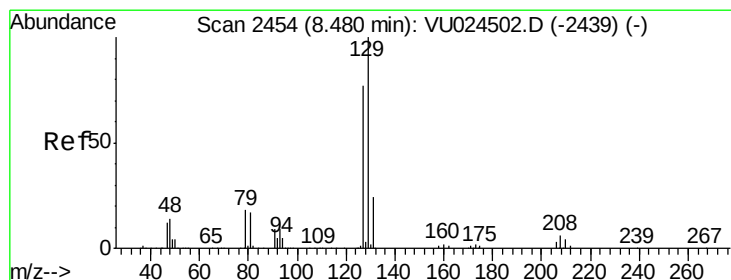
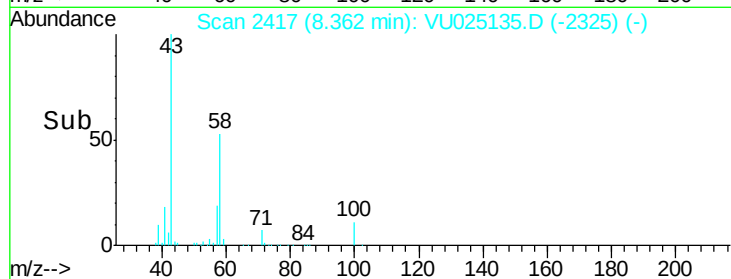
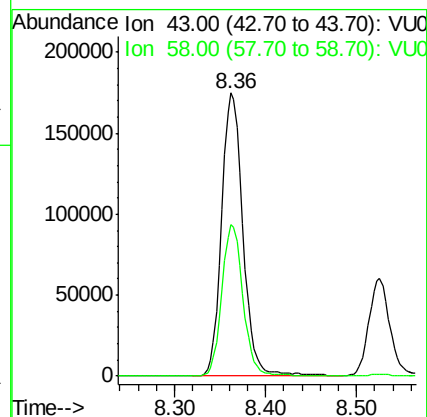
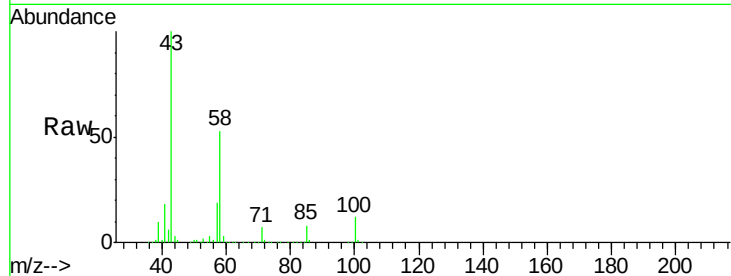




#59
2-Hexanone
Concen: 99.743 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU025135.D
Acq: 02 Jul 2018 11:49

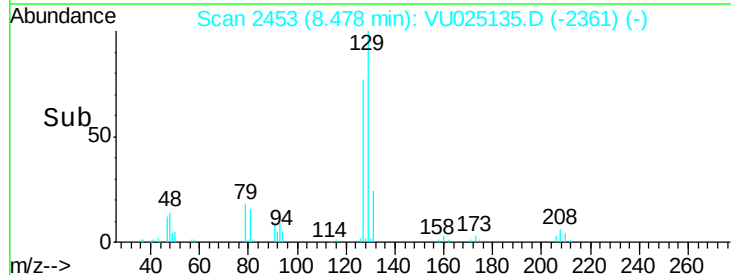
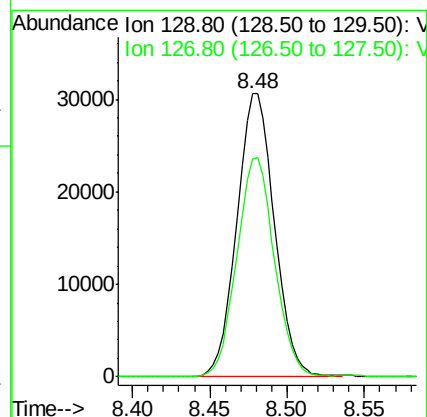
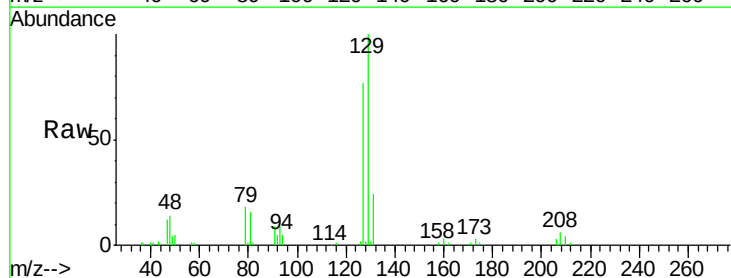
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS01

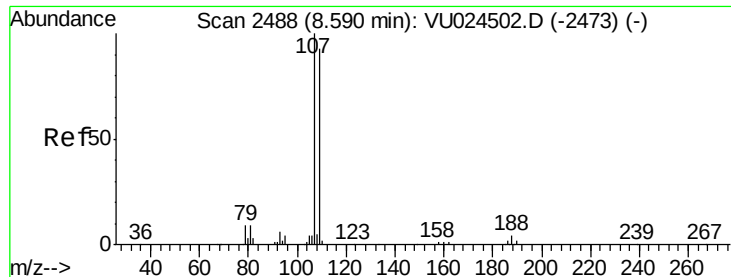
Tot Ion: 43 Resp: 286235
Ion Ratio Lower Upper
43 100
58 53.0 26.4 79.0



#60
Dibromochloromethane
Concen: 18.692 ug/l
RT: 8.48 min Scan# 2453
Delta R.T. -0.00 min
Lab File: VU025135.D
Acq: 02 Jul 2018 11:49

Tgt Ion: 129 Resp: 51583
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 20.310 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

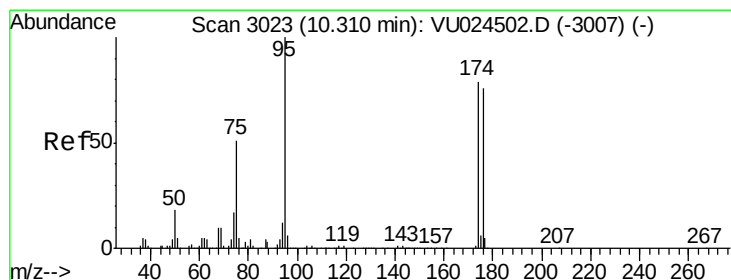
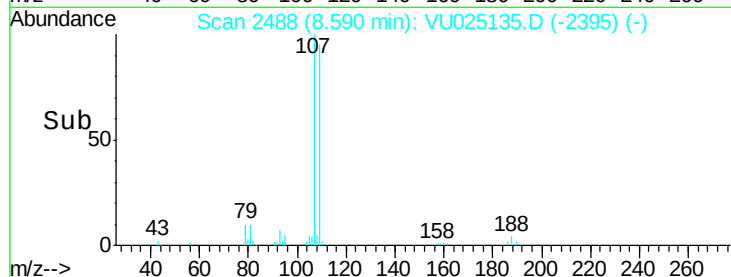
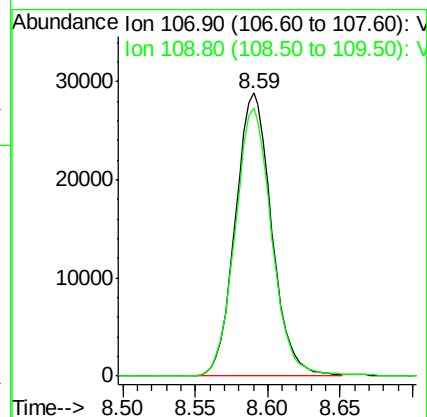
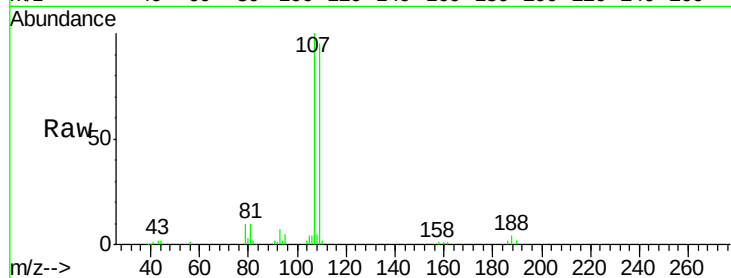
VU0702WBS01

Tot Ion:107 Resp: 50028

Ion Ratio Lower Upper

107 100

109 96.0 74.5 111.7



#62

4-Bromofluorobenzene

Concen: 49.137 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

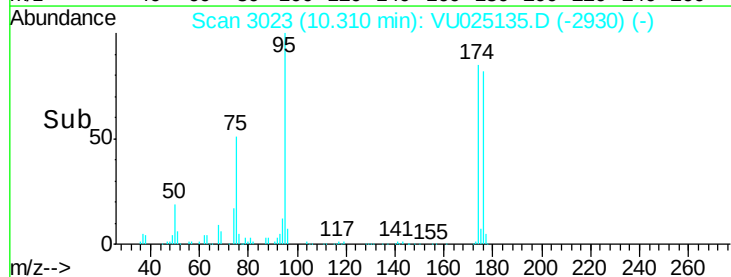
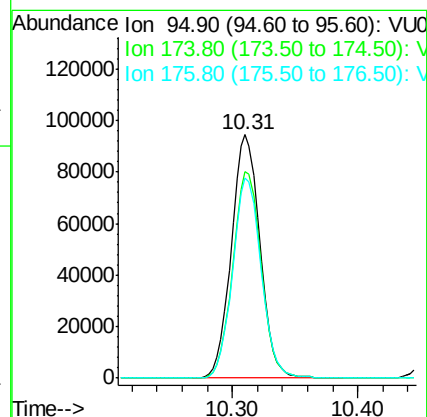
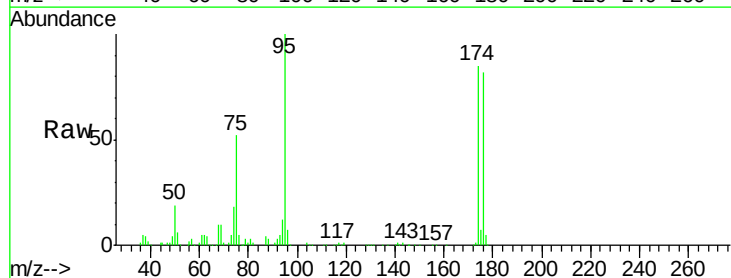
Tgt Ion: 95 Resp: 149259

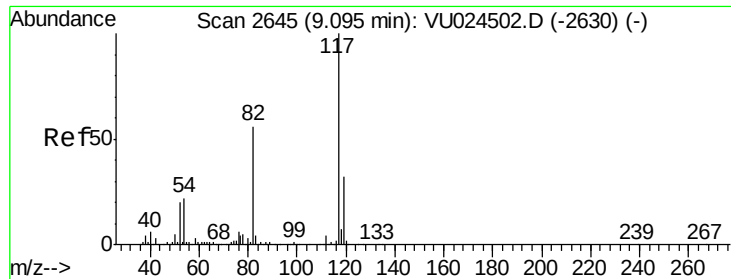
Ion Ratio Lower Upper

95 100

174 84.7 0.0 165.8

176 82.1 0.0 159.4

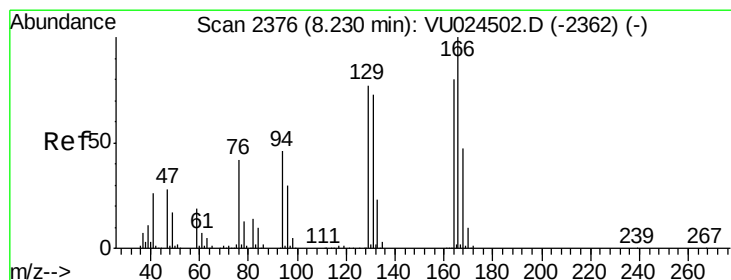
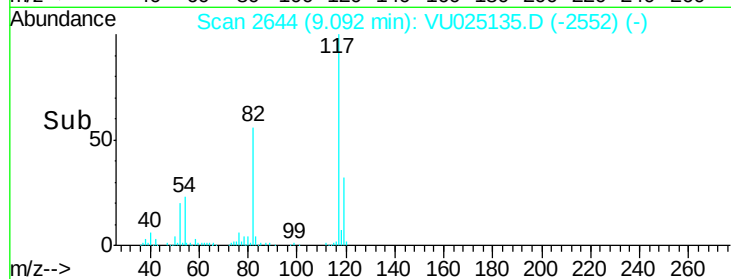
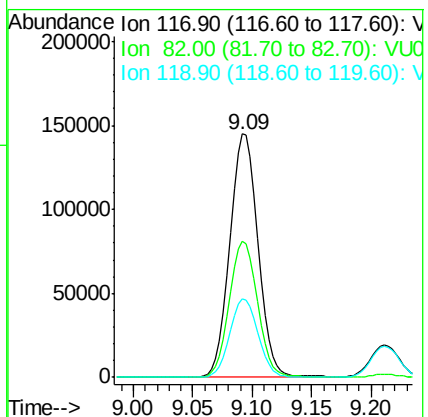
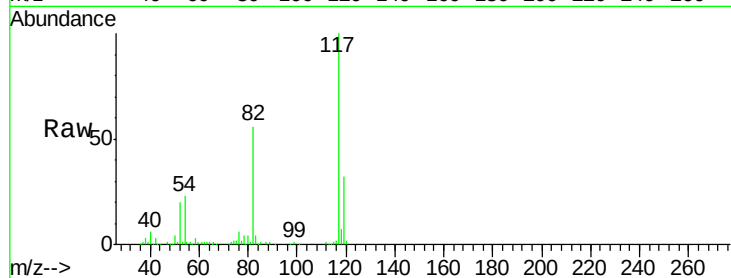




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025135.D
Acq: 02 Jul 2018 11:49

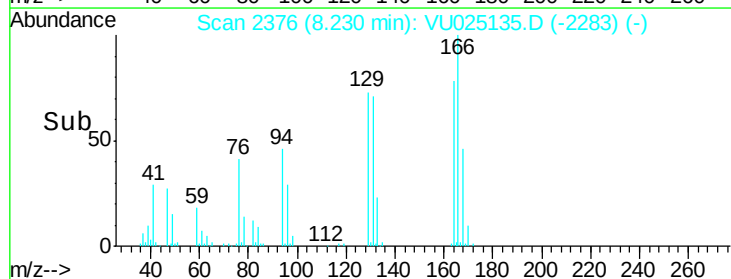
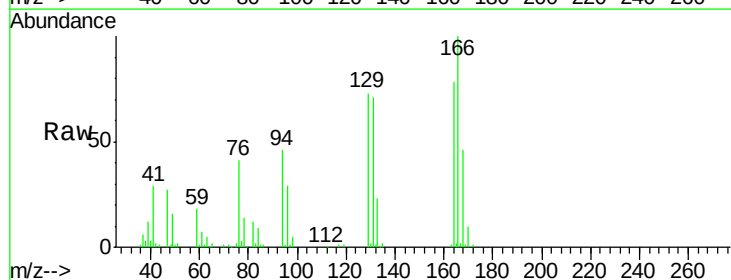
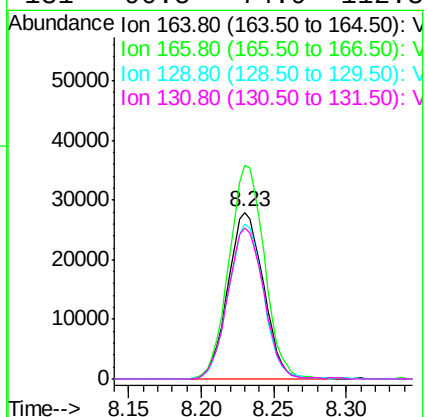
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS01

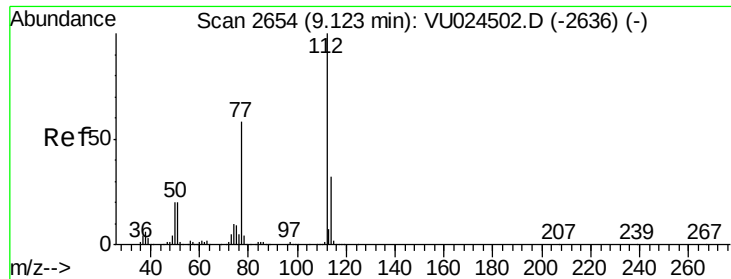
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.3	66.5
119	32.3	25.4	38.2



#64
Tetrachloroethene
Concen: 20.887 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025135.D
Acq: 02 Jul 2018 11:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.0	101.7	152.5
129	92.9	76.9	115.3
131	90.5	74.9	112.3

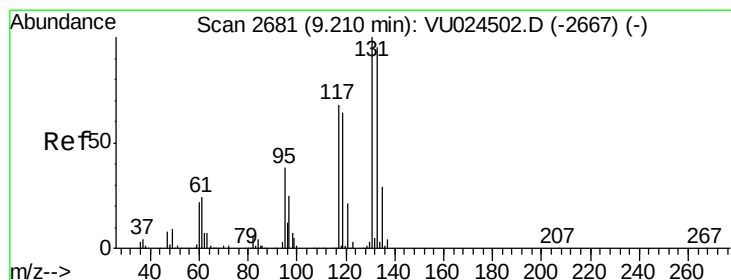
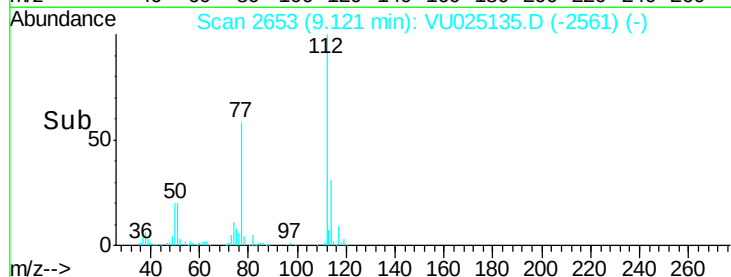
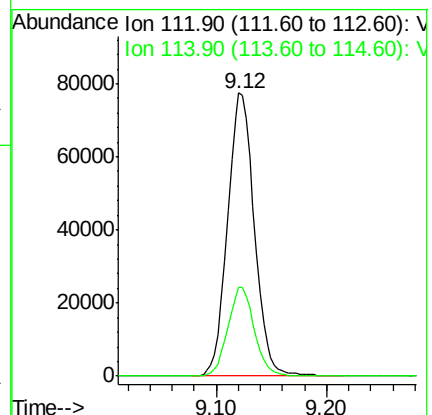
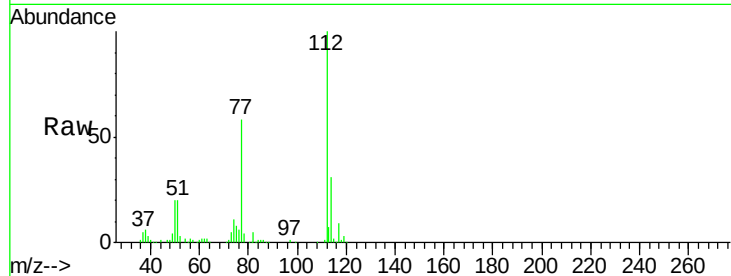




#65
Chlorobenzene
Concen: 21.382 ug/l
RT: 9.12 min Scan# 2653
Delta R.T. -0.00 min
Lab File: VU025135.D
Acq: 02 Jul 2018 11:49

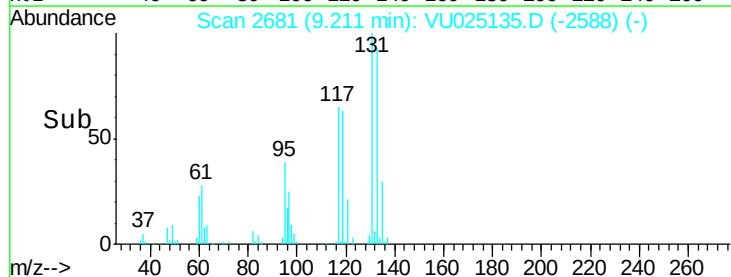
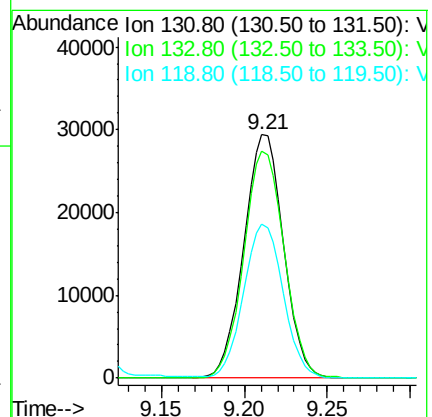
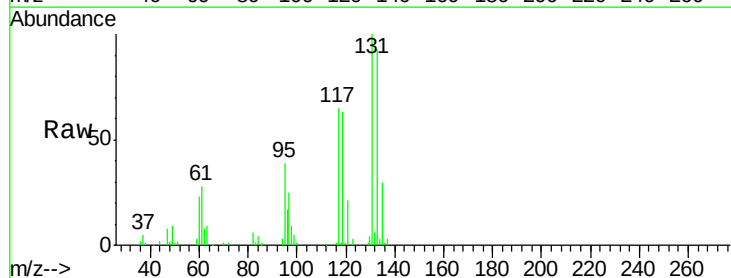
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS01

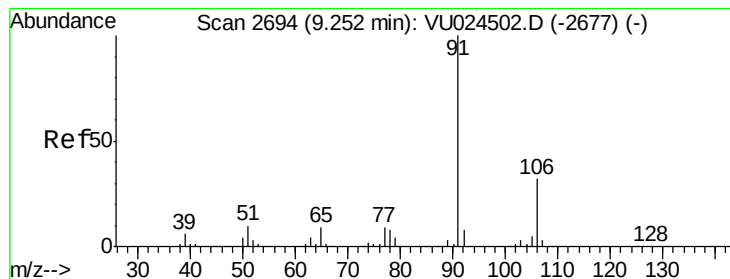
Tot Ion:112 Resp: 130577
Ion Ratio Lower Upper
112 100
114 31.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.071 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU025135.D
Acq: 02 Jul 2018 11:49

Tgt Ion:131 Resp: 48886
Ion Ratio Lower Upper
131 100
133 95.4 46.9 140.8
119 63.3 33.5 100.4





#67

Ethyl Benzene

Concen: 20.760 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

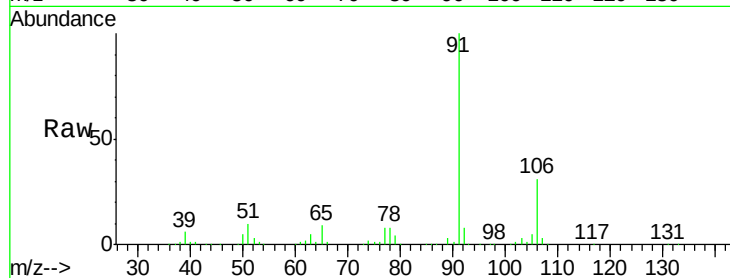
VU0702WBS01

Tot Ion: 91 Resp: 222252

Ion Ratio Lower Upper

91 100

106 31.3 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VU024502.D (-2677) (-)

Ion 106.00 (105.70 to 106.70): VU024502.D (-2677) (-)

250000

200000

150000

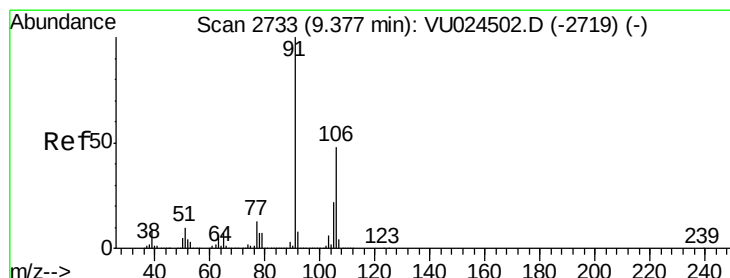
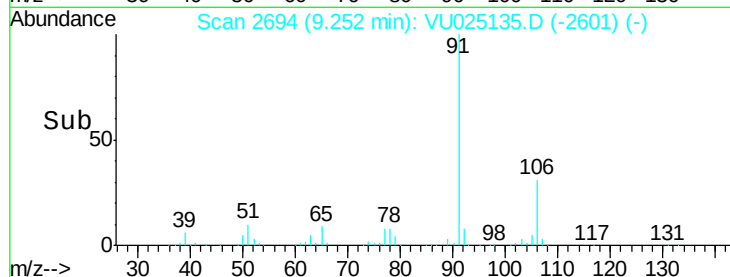
100000

50000

0

9.20 9.25 9.30 9.35

Time-->



#68

m/p-Xylenes

Concen: 42.603 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU025135.D

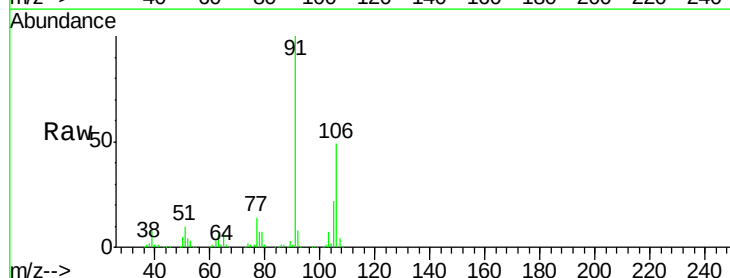
Acq: 02 Jul 2018 11:49

Tgt Ion: 106 Resp: 175139

Ion Ratio Lower Upper

106 100

91 205.4 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): VU024502.D (-2719) (-)

Ion 91.00 (90.70 to 91.70): VU024502.D (-2719) (-)

250000

200000

150000

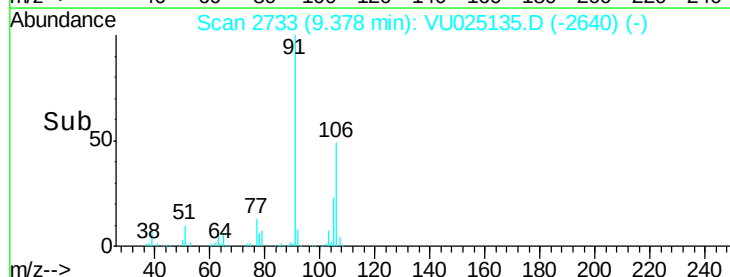
100000

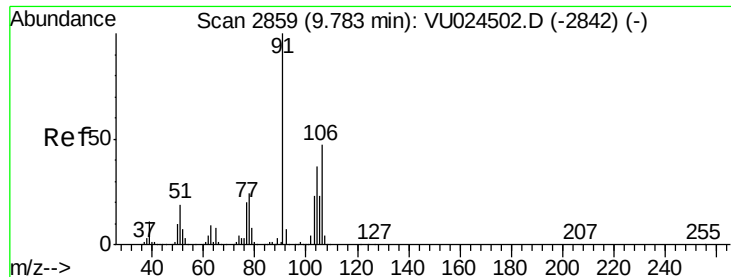
50000

0

9.30 9.40 9.50

Time-->

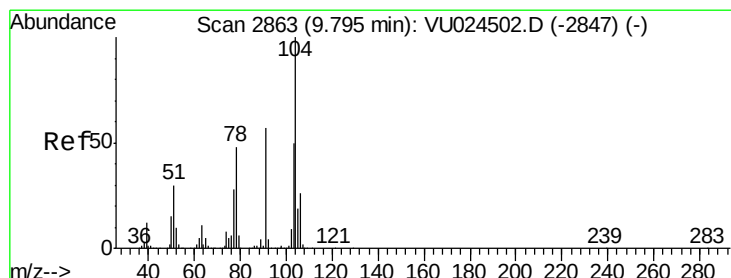
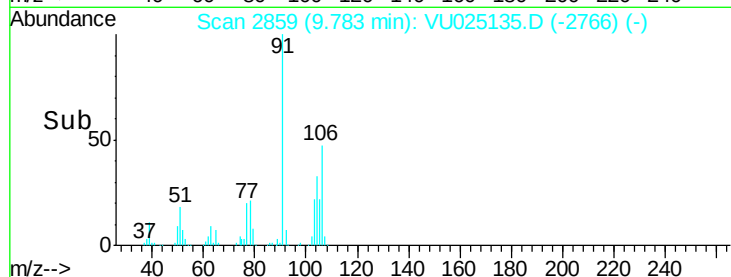
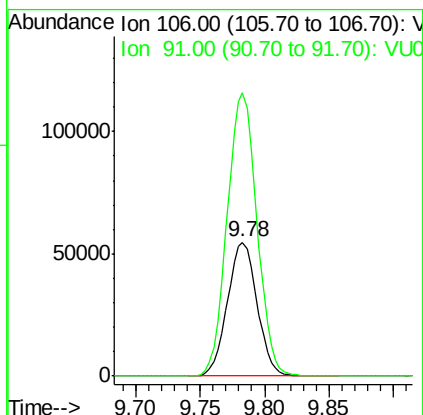
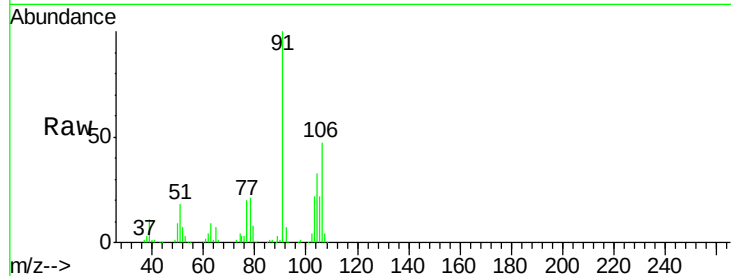




#69
o-Xylene
Concen: 21.493 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025135.D
Acq: 02 Jul 2018 11:49

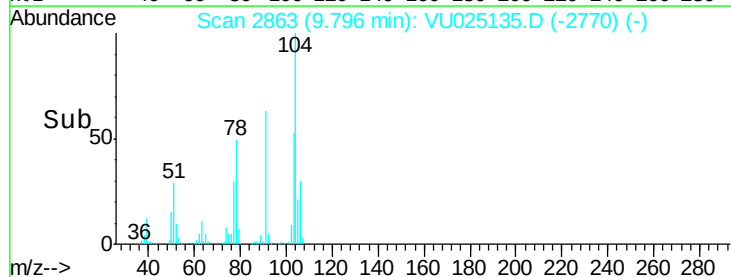
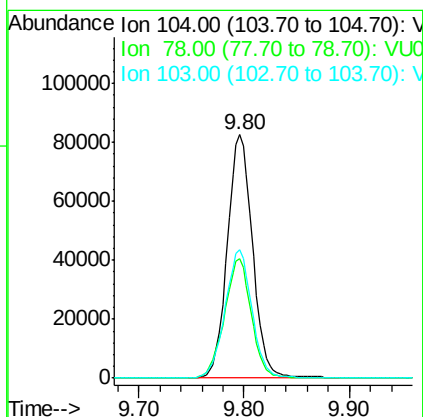
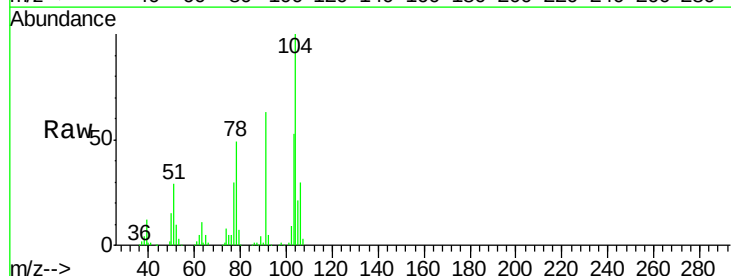
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS01

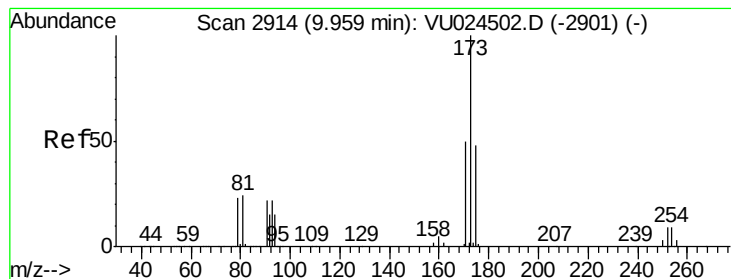
Tot Ion:106 Resp: 87444
Ion Ratio Lower Upper
106 100
91 213.1 110.7 331.9



#70
Styrene
Concen: 20.467 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025135.D
Acq: 02 Jul 2018 11:49

Tgt Ion:104 Resp: 136844
Ion Ratio Lower Upper
104 100
78 52.0 40.6 60.8
103 55.7 44.7 67.1





#71

Bromoform

Concen: 18.212 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS01

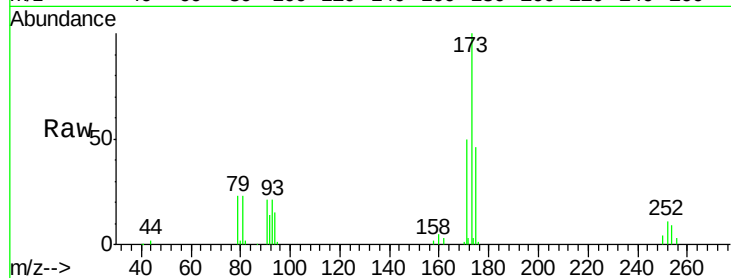
Tot Ion:173 Resp: 40161

Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.6	74.0
254	0.0	0.0	0.0

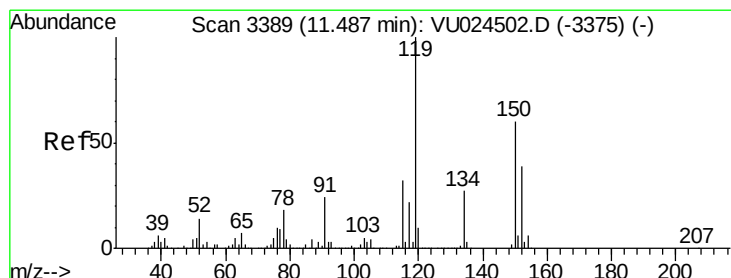
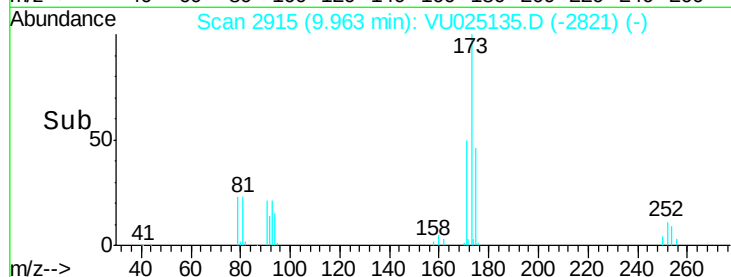
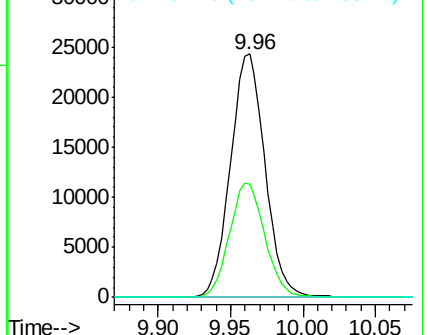
173 100

175 47.8 24.6 74.0

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

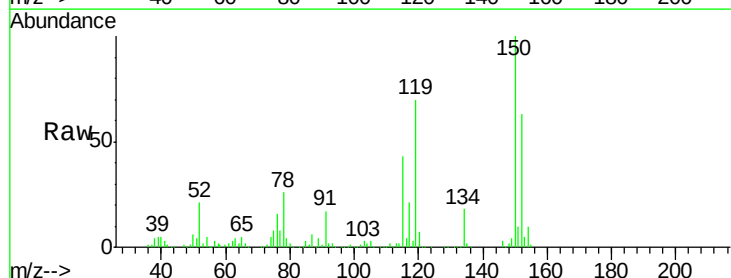
Tgt Ion:152 Resp: 139376

Ion	Ratio	Lower	Upper
152	100		
115	70.4	43.0	129.0
150	165.7	0.0	354.0

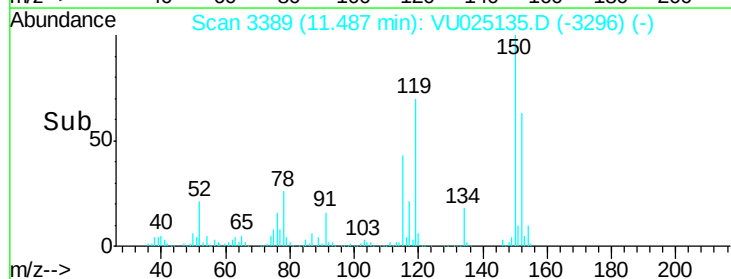
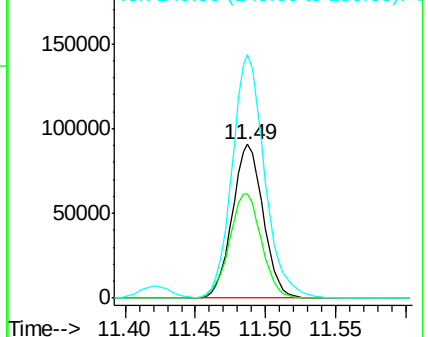
152 100

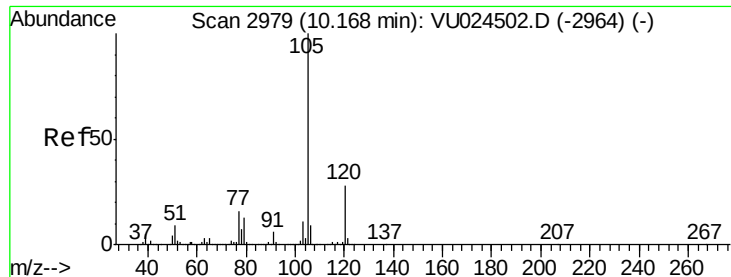
115 70.4 43.0 129.0

150 165.7 0.0 354.0



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: 21.841 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

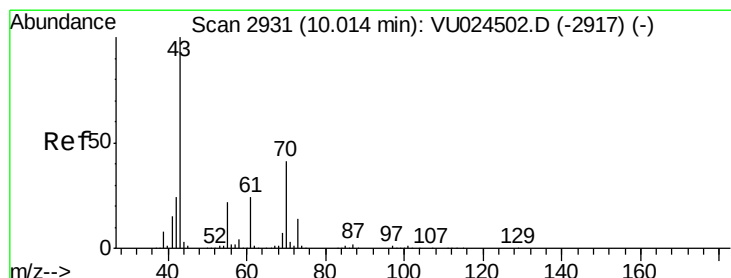
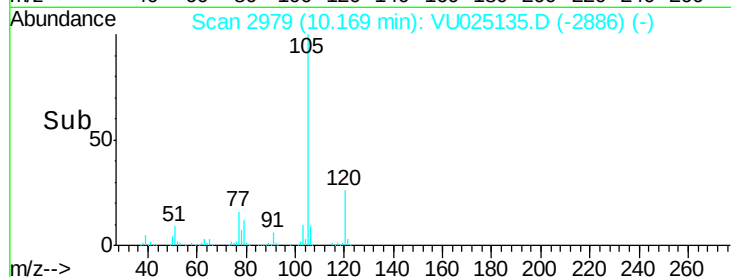
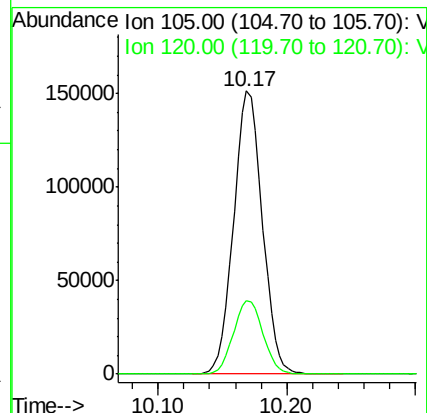
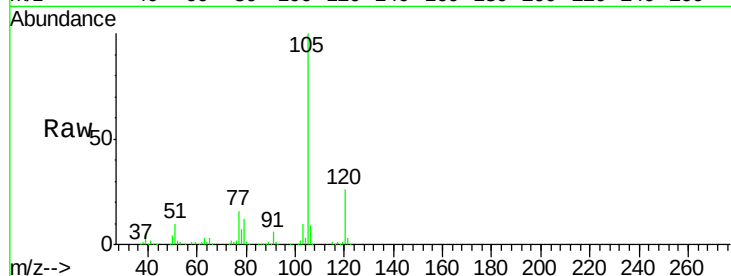
VU0702WBS01

Tot Ion:105 Resp: 233714

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.6



#74

N-ethyl acetate

Concen: 18.088 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

Tgt Ion: 43 Resp: 92062

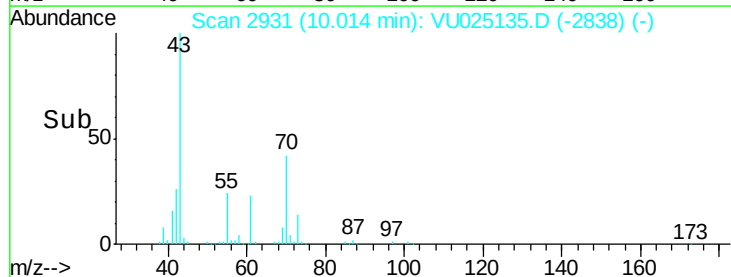
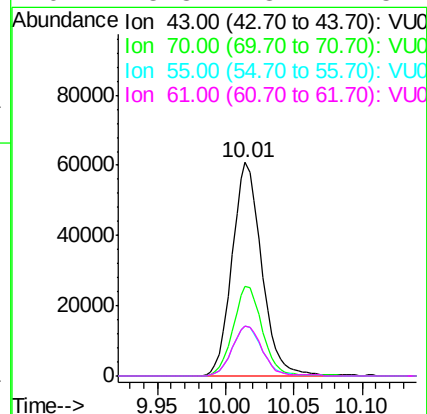
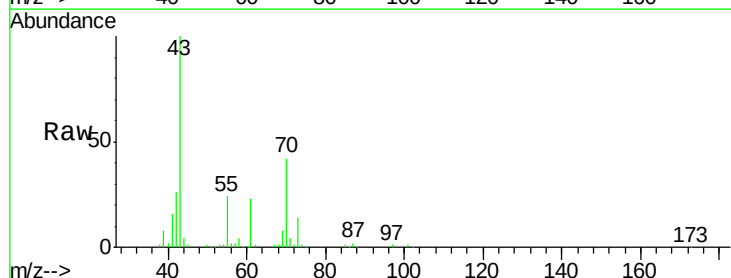
Ion Ratio Lower Upper

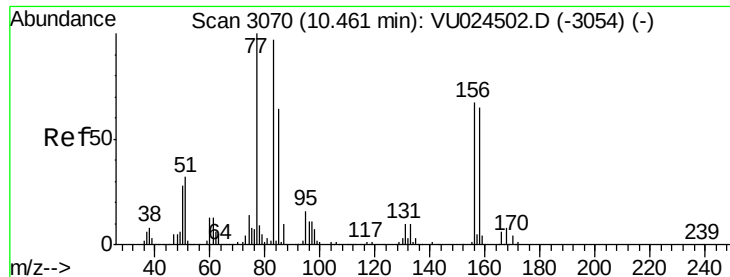
43 100

70 41.3 32.2 48.4

55 23.8 20.5 30.7

61 23.8 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.952 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS01

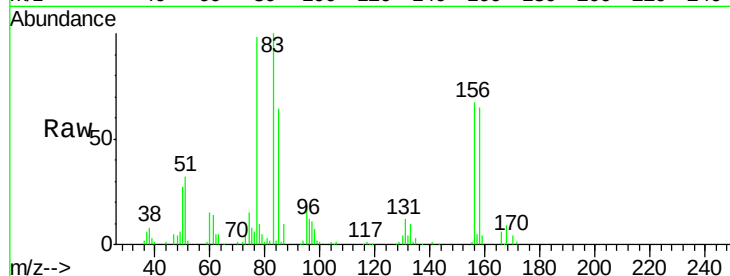
Tot Ion: 83 Resp: 75132

Ion Ratio Lower Upper

83 100

131 11.2 4.7 14.1

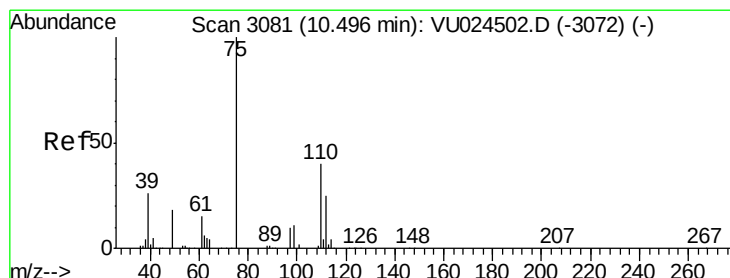
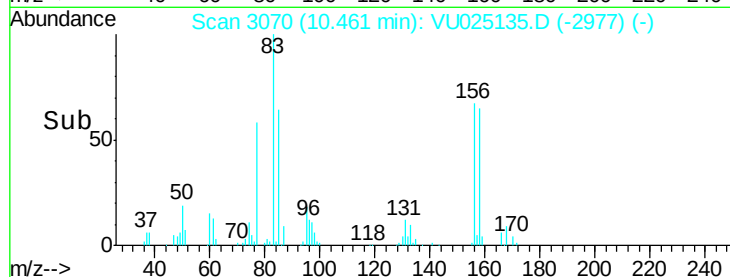
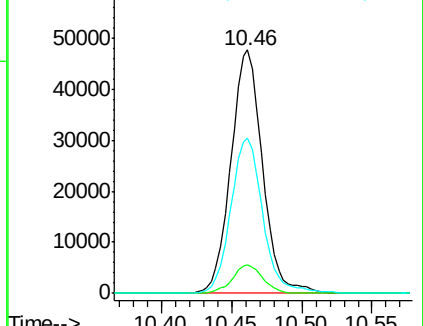
85 64.4 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 27.599 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025135.D

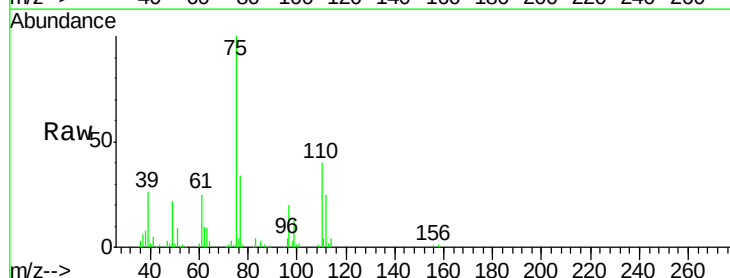
Acq: 02 Jul 2018 11:49

Tgt Ion: 75 Resp: 84690

Ion Ratio Lower Upper

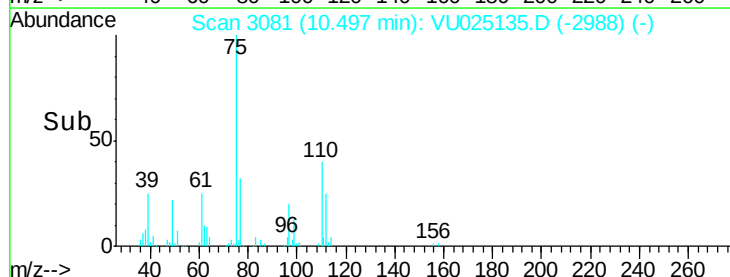
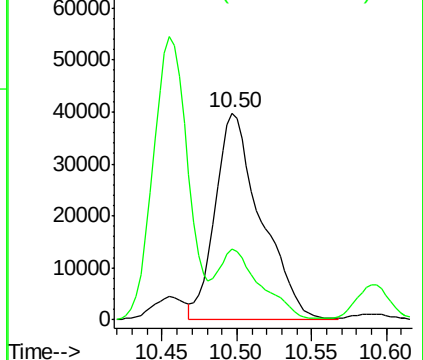
75 100

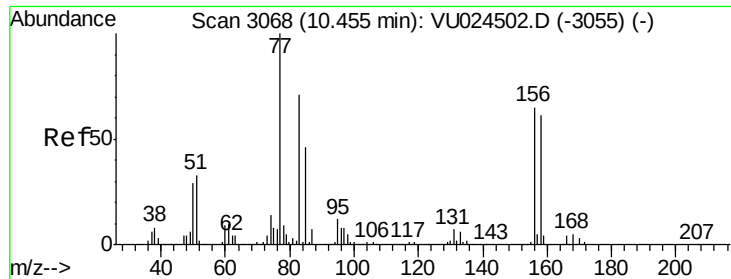
77 30.7 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

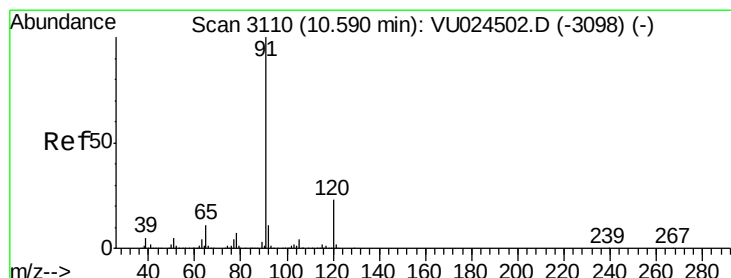
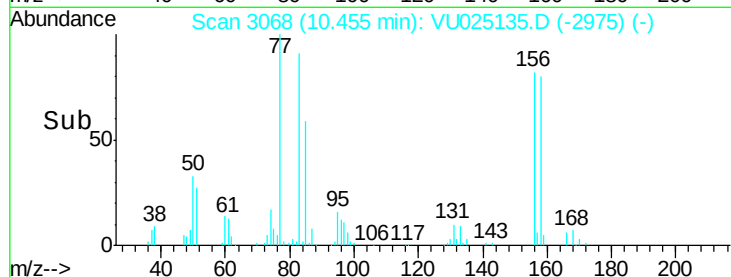
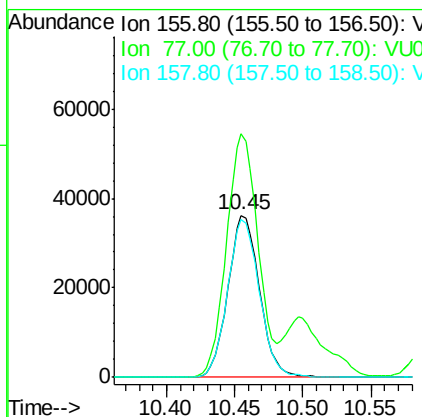
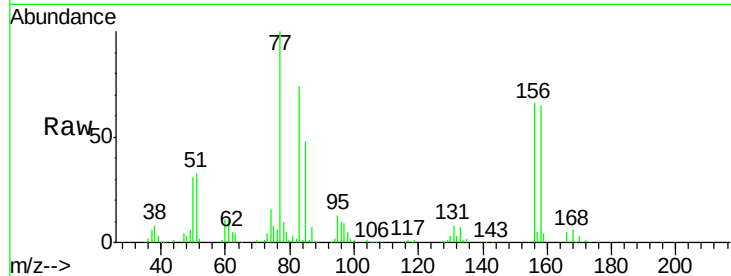




#77
Bromobenzene
Concen: 21.534 ug/l
RT: 10.45 min Scan# 3068
Delta R.T. 0.00 min
Lab File: VU025135.D
Acq: 02 Jul 2018 11:49

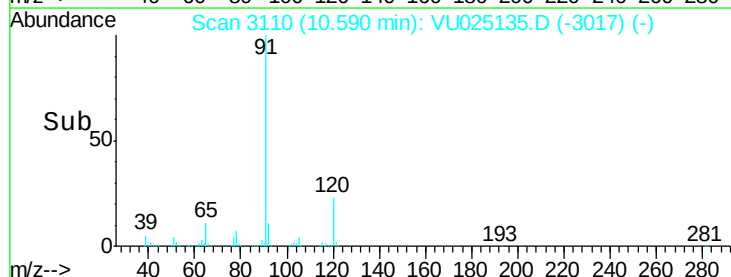
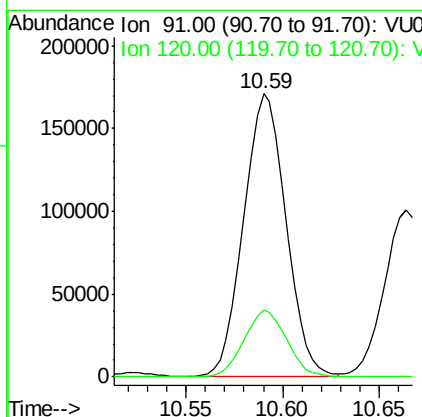
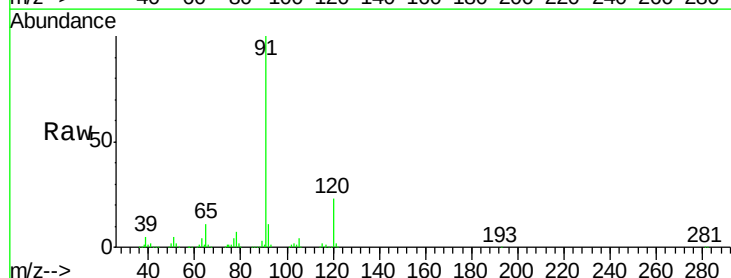
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS01

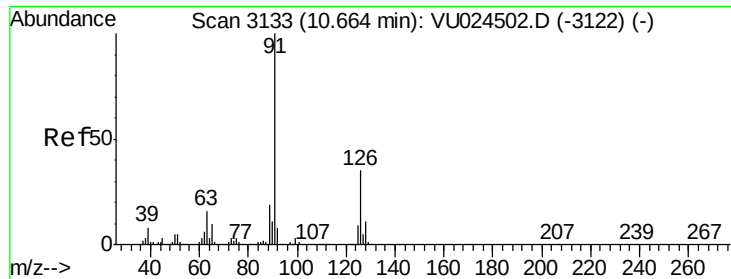
Tot Ion:156 Resp: 58337
Ion Ratio Lower Upper
156 100
77 150.2 80.5 241.3
158 97.8 48.2 144.6



#78
n-propylbenzene
Concen: 20.662 ug/l
RT: 10.59 min Scan# 3110
Delta R.T. 0.00 min
Lab File: VU025135.D
Acq: 02 Jul 2018 11:49

Tgt Ion: 91 Resp: 260446
Ion Ratio Lower Upper
91 100
120 23.7 11.2 33.5





#79

2-Chlorotoluene

Concen: 21.370 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

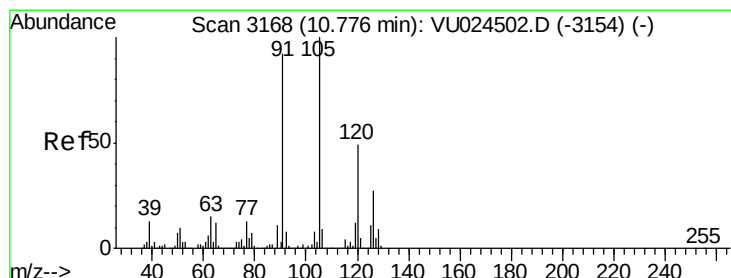
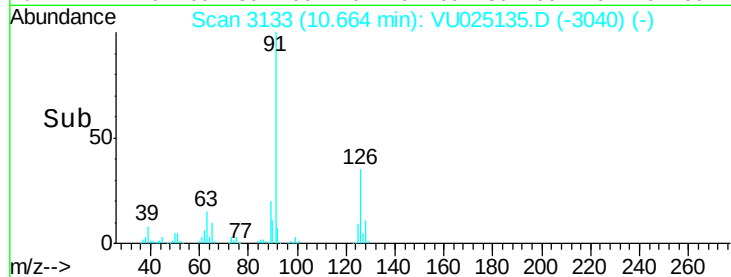
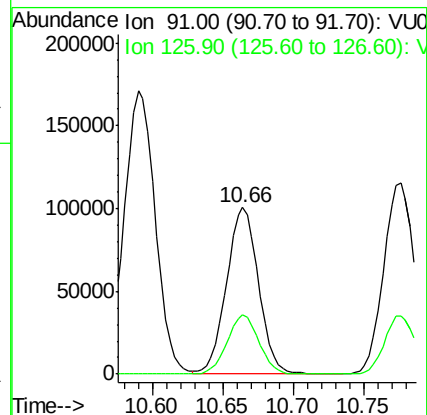
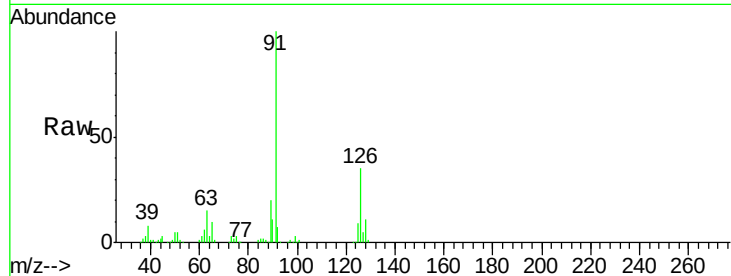
VU0702WBS01

Tot Ion: 91 Resp: 158852

Ion Ratio Lower Upper

91 100

126 35.3 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 21.252 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025135.D

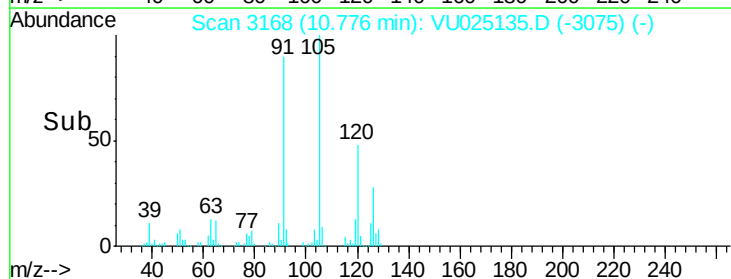
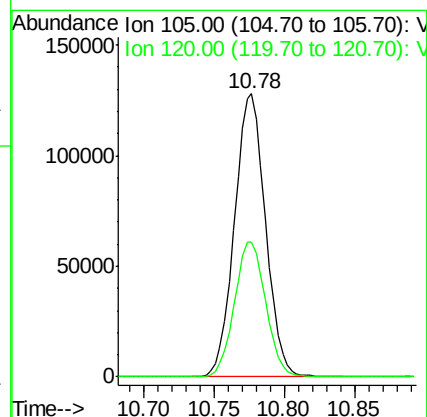
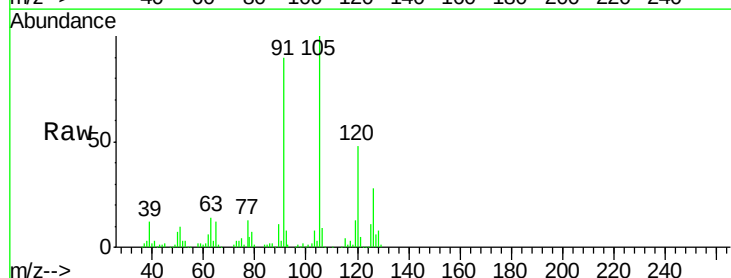
Acq: 02 Jul 2018 11:49

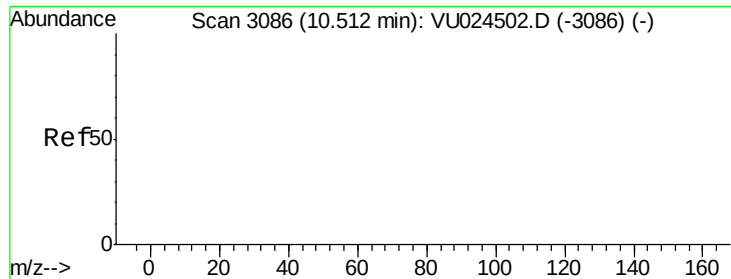
Tgt Ion: 105 Resp: 197104

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.2

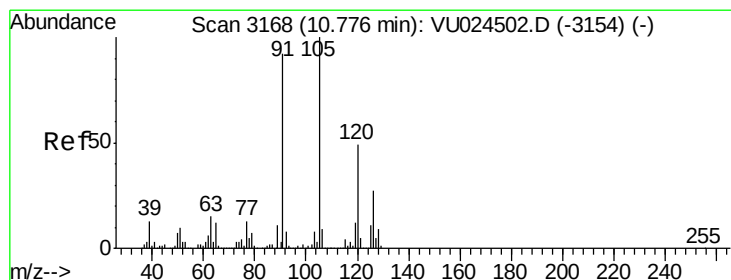
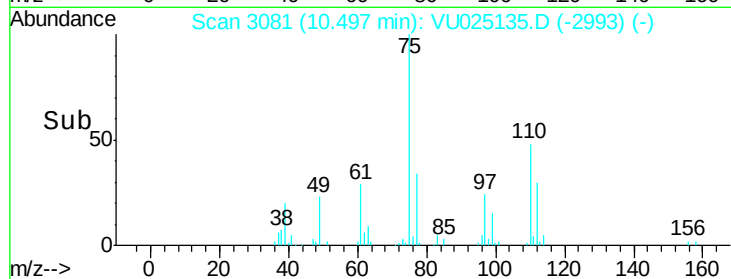
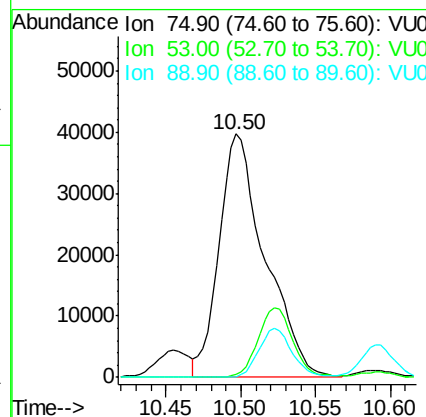
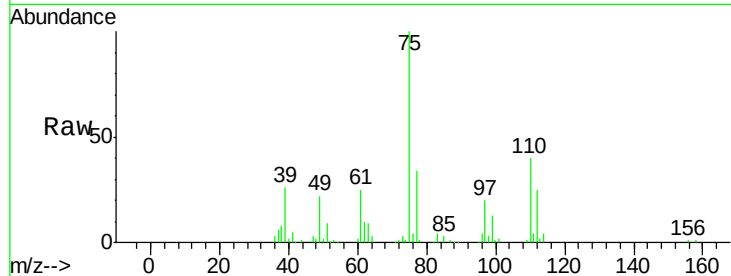




#81
trans-1,4-Dichloro-2-butene
Concen: 63.876 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU025135.D
Acq: 02 Jul 2018 11:49

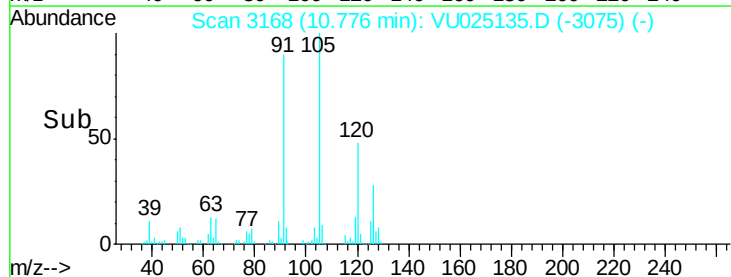
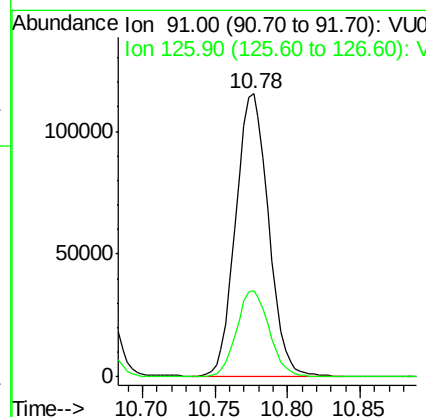
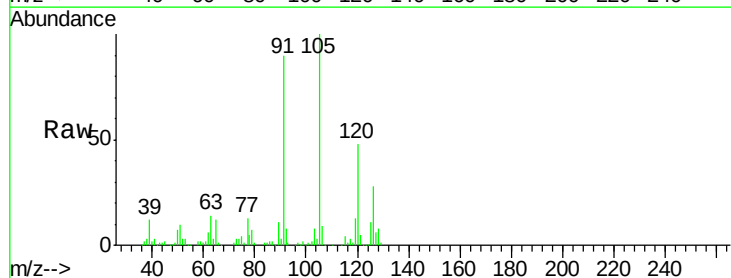
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS01

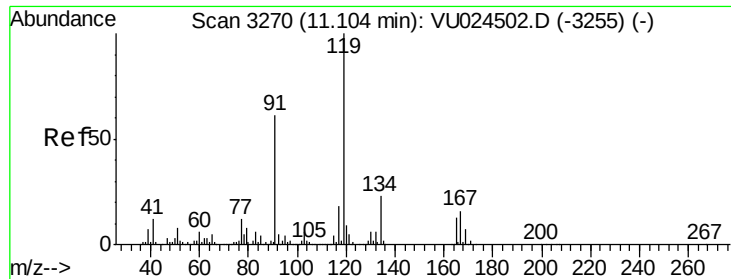
Tot Ion: 75 Resp: 84690
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 20.907 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025135.D
Acq: 02 Jul 2018 11:49

Tgt Ion: 91 Resp: 180890
Ion Ratio Lower Upper
91 100
126 30.4 14.9 44.9

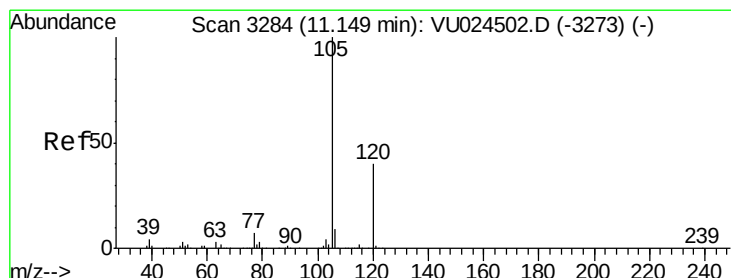
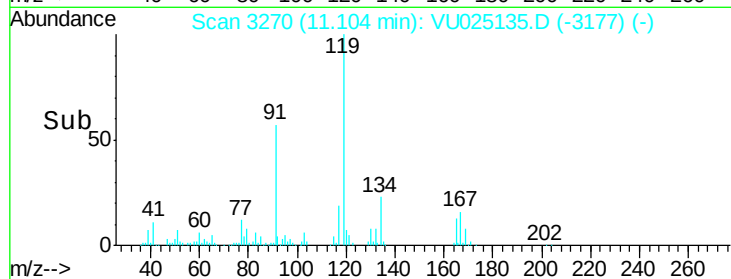
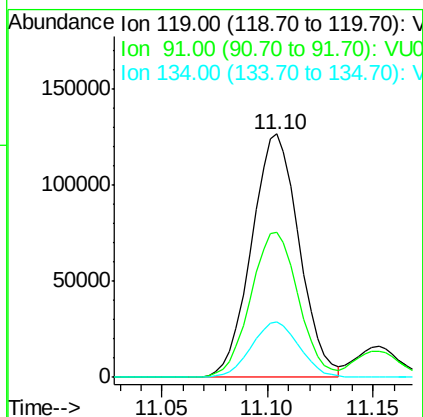
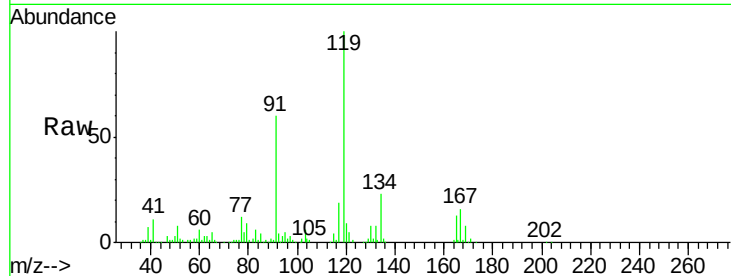




#83
 tert-Butylbenzene
 Concen: 22.301 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025135.D
 Acq: 02 Jul 2018 11:49

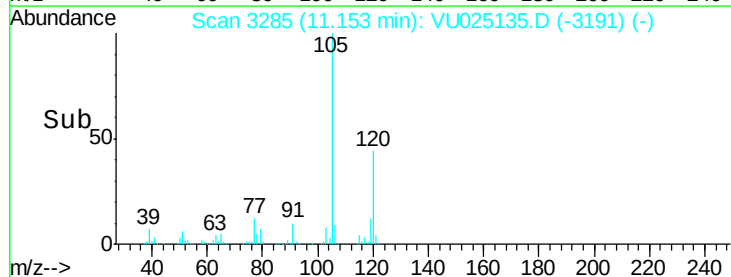
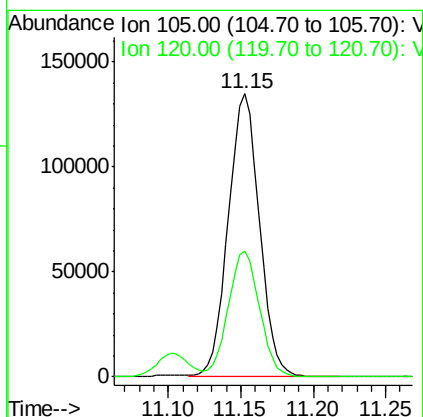
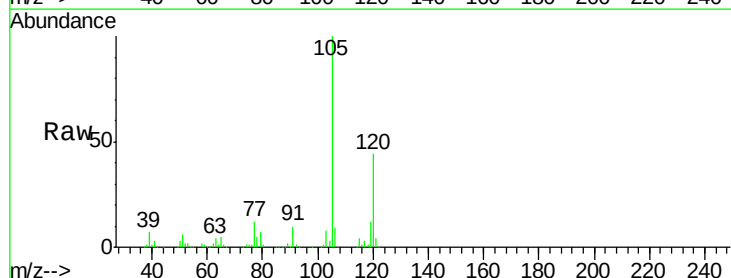
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS01

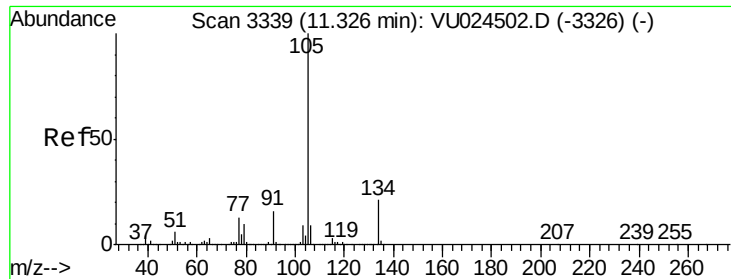
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.8	29.7	89.1
134	22.8	11.6	34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 21.217 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025135.D
 Acq: 02 Jul 2018 11:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.6	67.8





#85

sec-Butylbenzene

Concen: 21.369 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

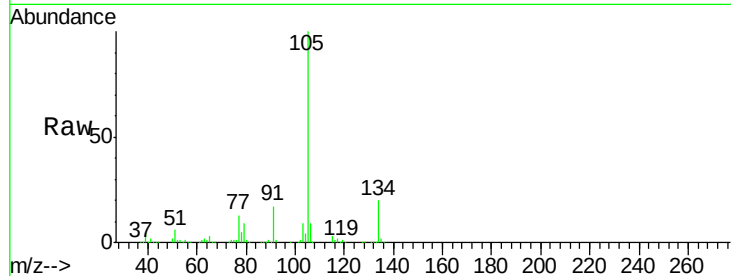
VU0702WBS01

Tot Ion:105 Resp: 238636

Ion Ratio Lower Upper

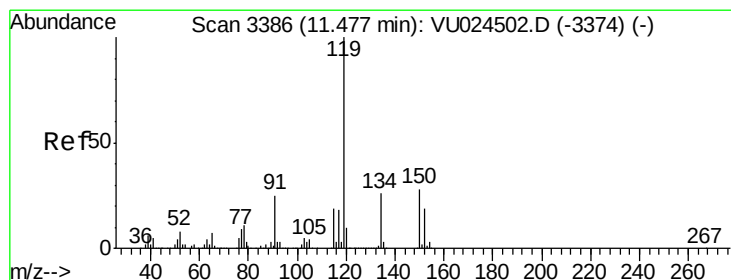
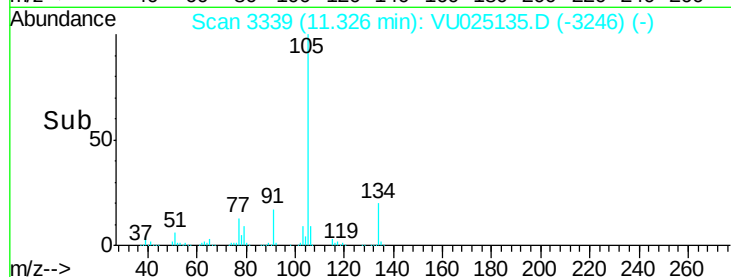
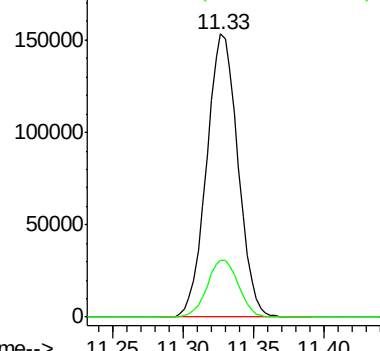
105 100

134 20.2 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.222 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

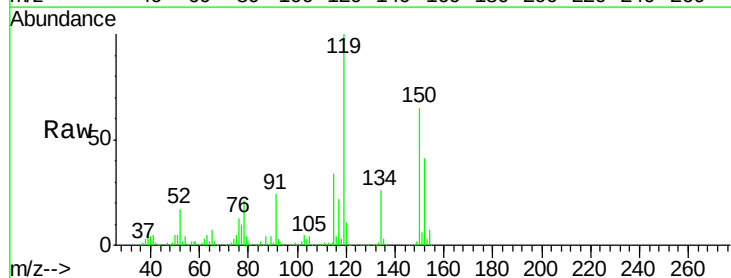
Tgt Ion:119 Resp: 212256

Ion Ratio Lower Upper

119 100

134 26.3 12.9 38.6

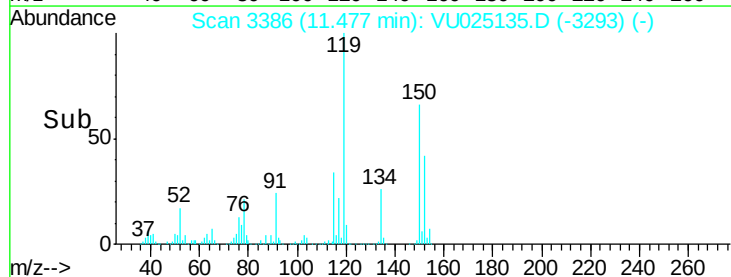
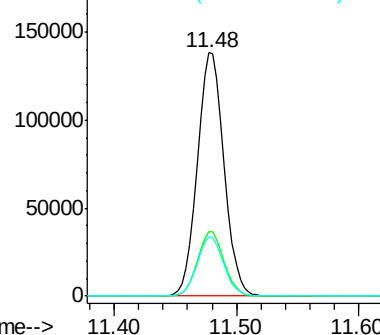
91 24.2 12.0 36.1

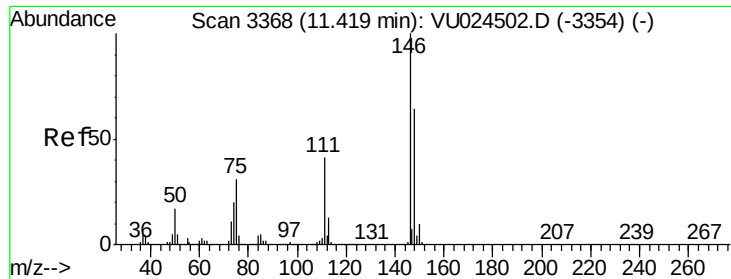


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

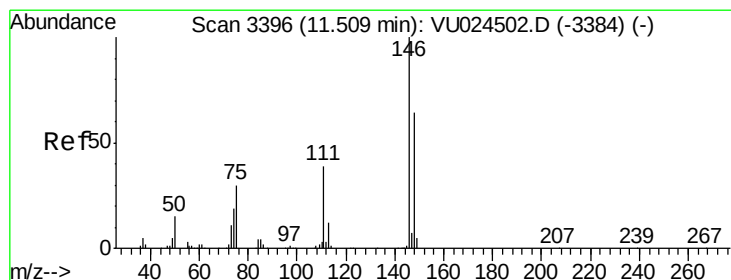
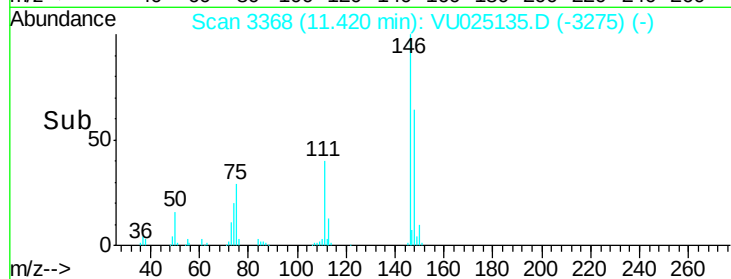
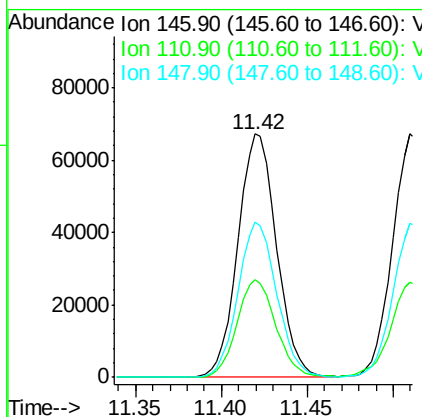
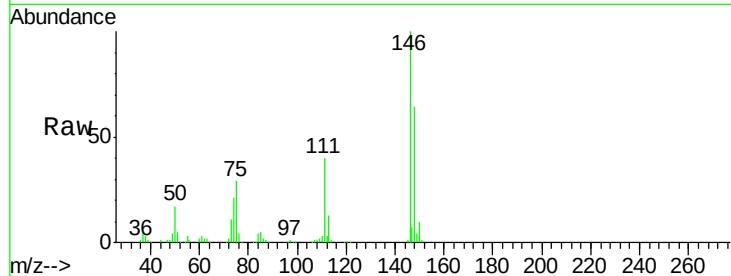




#87
 1,3-Dichlorobenzene
 Concen: 21.041 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025135.D
 Acq: 02 Jul 2018 11:49

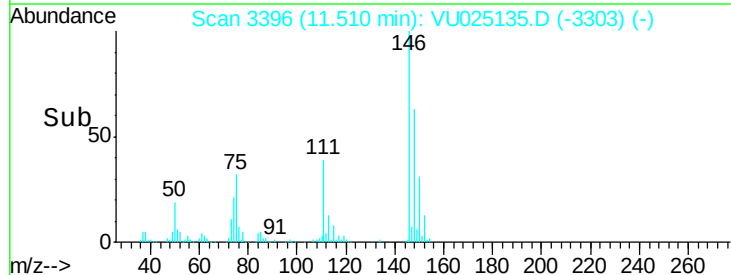
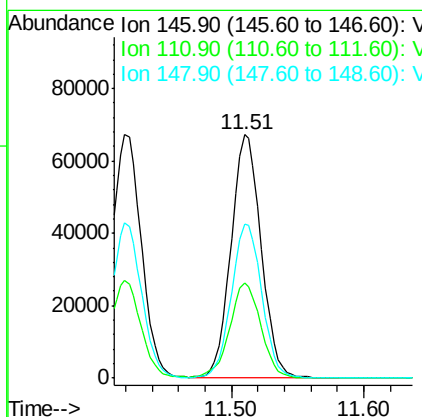
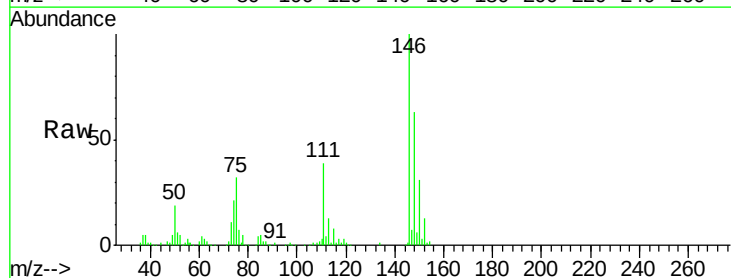
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS01

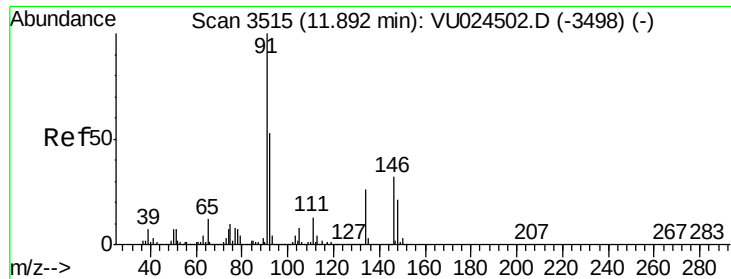
Tot Ion:146 Resp: 105310
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.0 60.0
 148 64.0 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.990 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025135.D
 Acq: 02 Jul 2018 11:49

Tgt Ion:146 Resp: 105738
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.5 58.5
 148 63.8 32.4 97.0





#89

n-Butylbenzene

Concen: 18.810 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS01

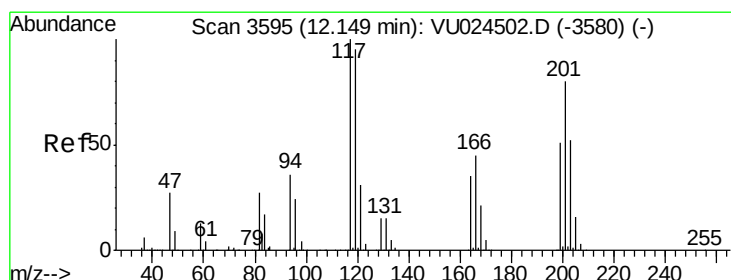
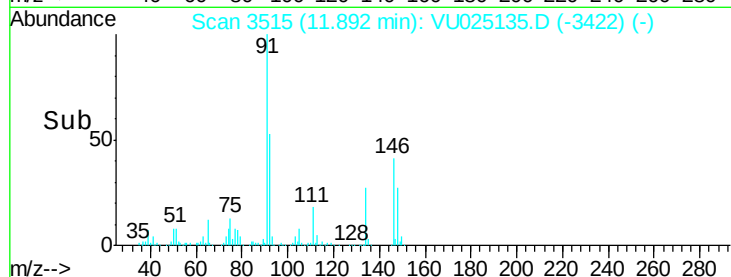
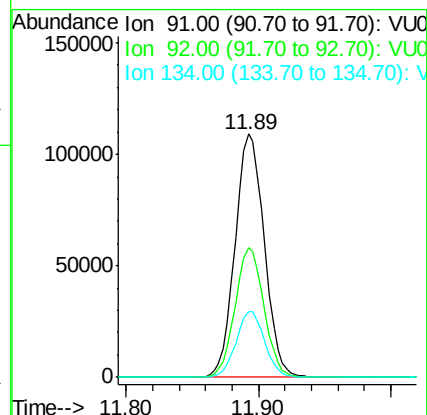
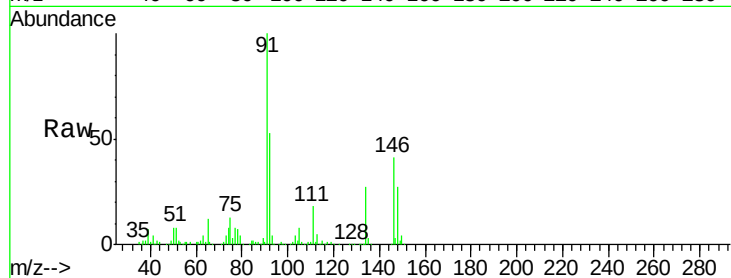
Tot Ion: 91 Resp: 167027

Ion Ratio Lower Upper

91 100

92 52.6 25.6 76.8

134 26.4 12.3 36.8



#90

Hexachloroethane

Concen: 18.240 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025135.D

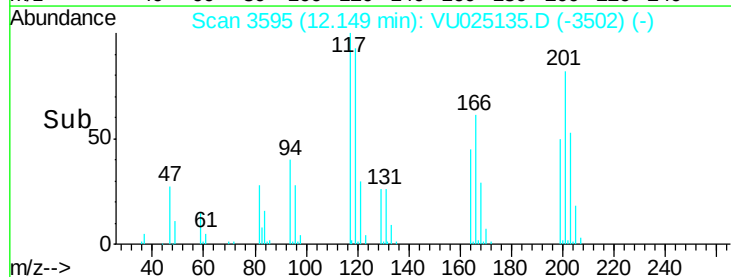
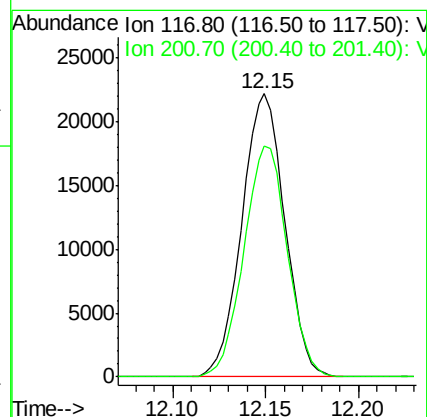
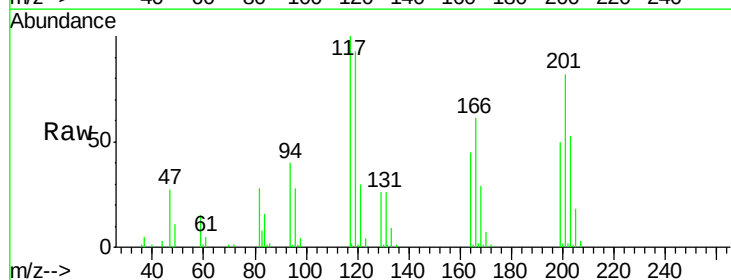
Acq: 02 Jul 2018 11:49

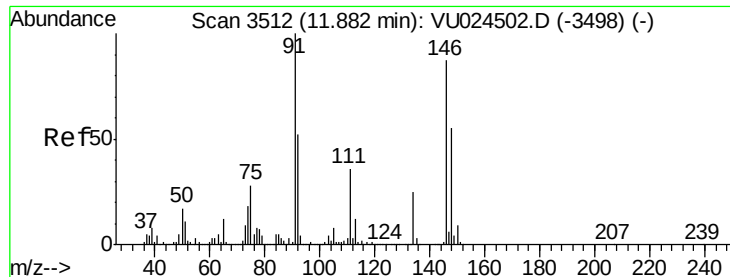
Tgt Ion: 117 Resp: 35589

Ion Ratio Lower Upper

117 100

201 82.6 41.1 123.3

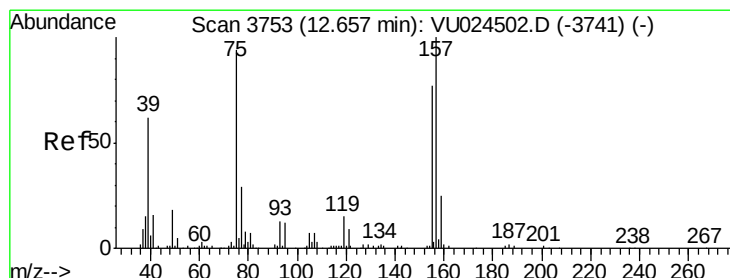
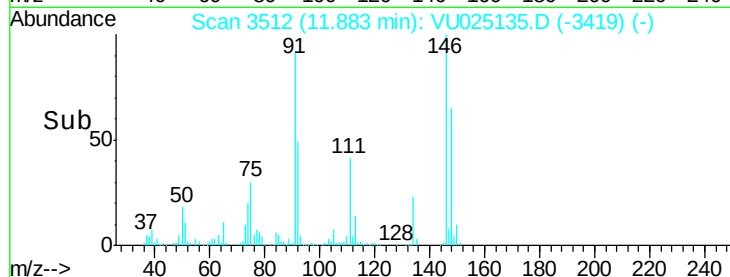
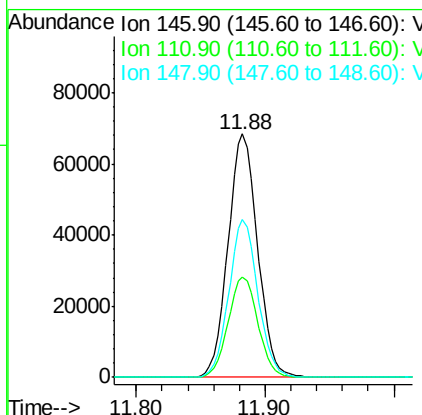
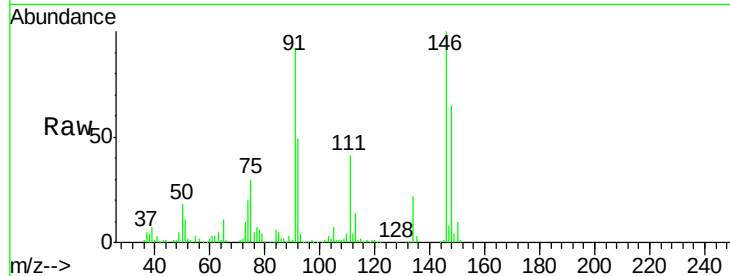




#91
 1,2-Dichlorobenzene
 Concen: 21.676 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025135.D
 Acq: 02 Jul 2018 11:49

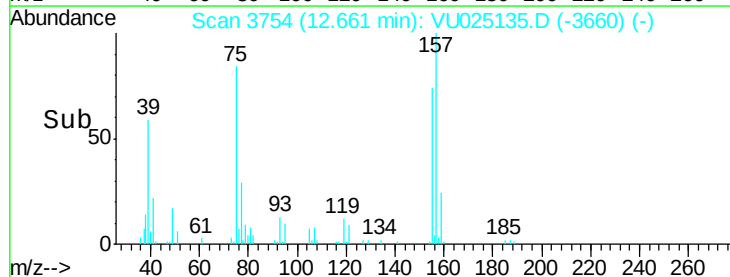
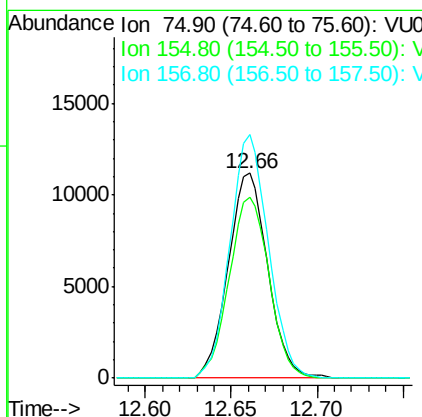
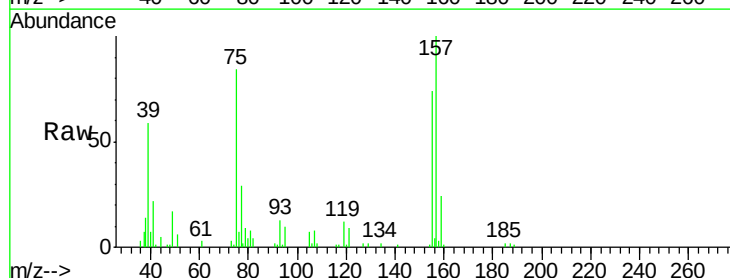
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS01

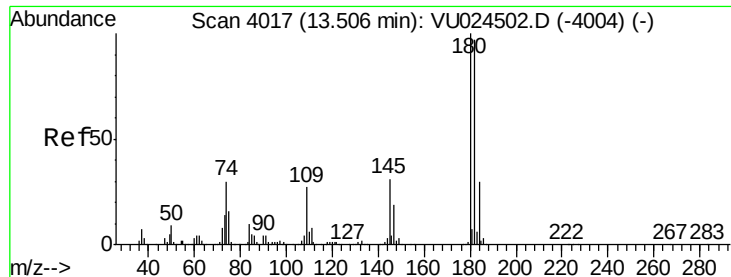
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.5	61.6
148	63.5	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.072 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025135.D
 Acq: 02 Jul 2018 11:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.8	40.4	121.2
157	115.3	52.3	156.8

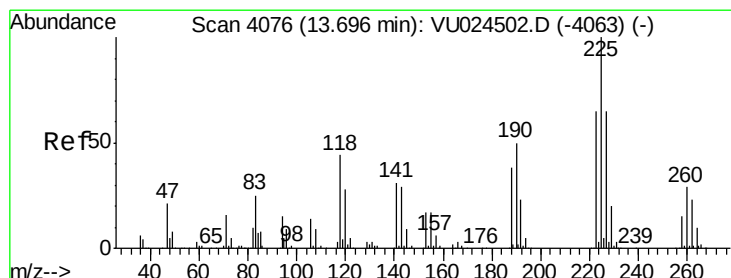
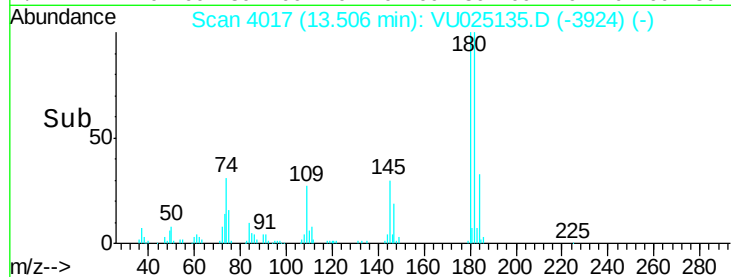
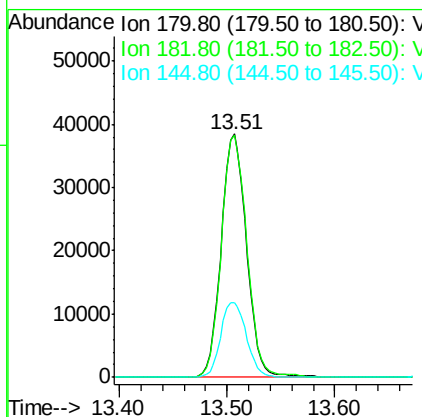
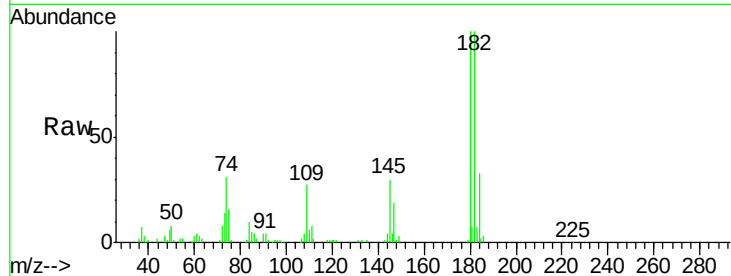




#93
 1,2,4-Trichlorobenzene
 Concen: 20.364 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025135.D
 Acq: 02 Jul 2018 11:49

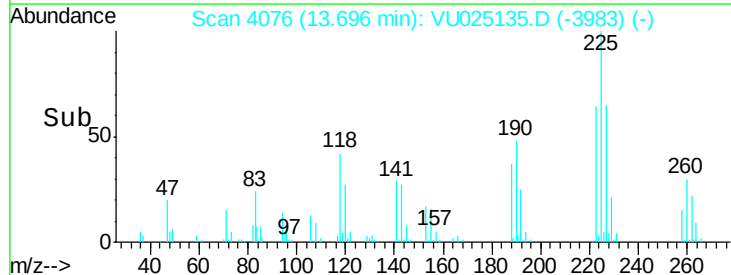
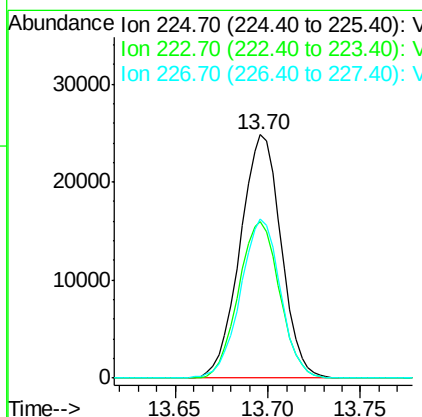
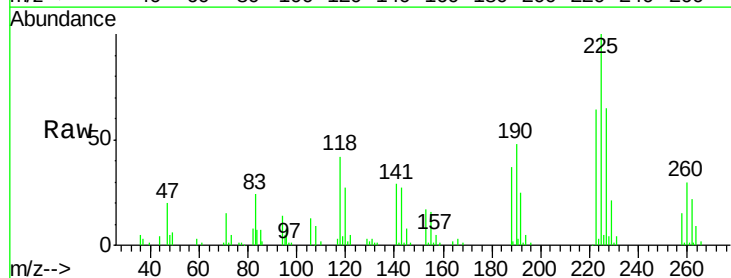
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS01

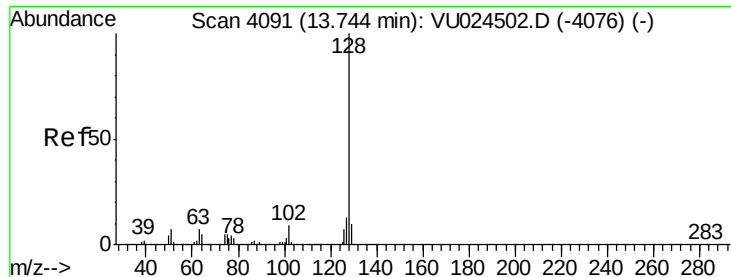
Tot Ion:180 Resp: 63040
 Ion Ratio Lower Upper
 180 100
 182 99.3 48.0 144.2
 145 31.0 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 21.934 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025135.D
 Acq: 02 Jul 2018 11:49

Tgt Ion:225 Resp: 38219
 Ion Ratio Lower Upper
 225 100
 223 64.5 31.3 93.8
 227 63.8 31.8 95.4





#95

Naphthalene

Concen: 20.406 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS01

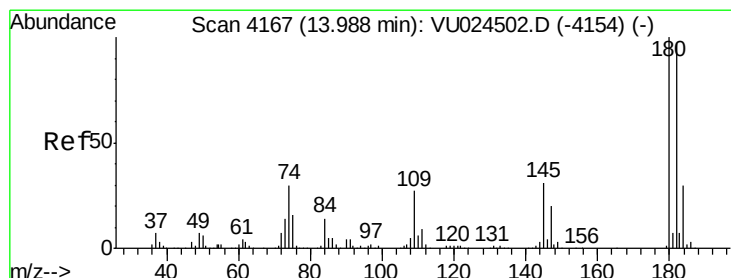
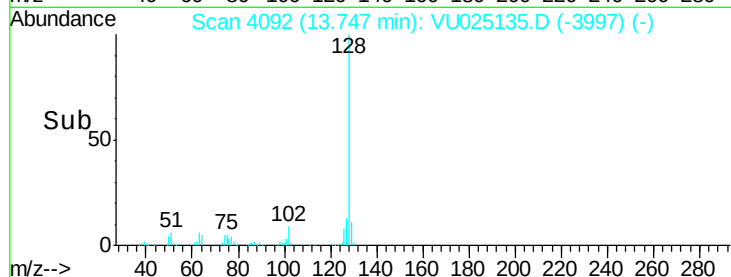
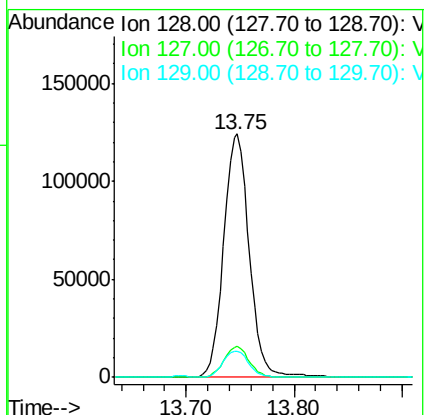
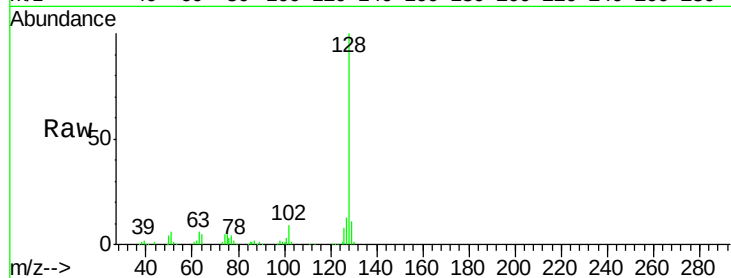
Tot Ion:128 Resp: 204946

Ion Ratio Lower Upper

128 100

127 12.5 10.6 16.0

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 21.783 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. 0.00 min

Lab File: VU025135.D

Acq: 02 Jul 2018 11:49

Tgt Ion:180 Resp: 67192

Ion Ratio Lower Upper

180 100

182 98.1 47.9 143.7

145 33.1 15.4 46.1

