

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024555.D
 Acq On : 14 Jun 2018 21:08
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 01:44:51 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	171667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	274170	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	263183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	159189	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	130515	46.57	ug/l	0.00
Spiked Amount			Recovery	=	93.14%	
35) Dibromofluoromethane	4.89	113	112236	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	
50) Toluene-d8	7.57	98	414104	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
62) 4-Bromofluorobenzene	10.31	95	164777	50.00	ug/l	0.00
Spiked Amount			Recovery	=	100.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	95042	44.232	ug/l	99
3) Chloromethane	1.33	50	100512	45.786	ug/l	100
4) Vinyl Chloride	1.40	62	113138	49.974	ug/l	96
5) Bromomethane	1.62	94	62664	57.258	ug/l	98
6) Chloroethane	1.70	64	66840	52.897	ug/l	97
7) Trichlorofluoromethane	1.89	101	168171	48.675	ug/l	100
8) Diethyl Ether	2.10	74	64060	54.659	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.29	101	95653	44.626	ug/l	98
10) Methyl Iodide	2.41	142	85596	47.484	ug/l	98
11) Tert butyl alcohol	2.82	59	138014	202.487	ug/l	99
12) 1,1-Dichloroethene	2.28	96	94099	48.140	ug/l	89
13) Acrolein	2.19	56	75044	209.666	ug/l	98
14) Allyl chloride	2.60	41	160293	44.166	ug/l	94
15) Acrylonitrile	2.94	53	334062	251.910	ug/l	98
16) Acetone	2.32	43	267526	177.666	ug/l	96
17) Carbon Disulfide	2.48	76	292437	46.723	ug/l	100
18) Methyl Acetate	2.62	43	156196	48.387	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	348172	47.386	ug/l	96
20) Methylene Chloride	2.70	84	109537	46.361	ug/l	95
21) trans-1,2-Dichloroethene	2.99	96	104668	48.618	ug/l	92
22) Diisopropyl ether	3.57	45	349947	48.640	ug/l	97
23) Vinyl Acetate	3.53	43	1585285	245.977	ug/l	98
24) 1,1-Dichloroethane	3.45	63	197152	47.635	ug/l	99
25) 2-Butanone	4.26	43	471925	233.326	ug/l	96
26) 2,2-Dichloropropane	4.23	77	149527	38.047	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	122498	49.492	ug/l	94
28) Bromochloromethane	4.55	49	93947	51.534	ug/l	90
29) Tetrahydrofuran	4.64	42	308737	246.490	ug/l	96
30) Chloroform	4.68	83	200224	47.795	ug/l	100
31) Cyclohexane	5.00	56	182065	49.517	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	179328	46.292	ug/l	96
36) 1,1-Dichloropropene	5.14	75	149904	46.529	ug/l	97
37) Ethyl Acetate	4.38	43	178798	50.919	ug/l #	96
38) Carbon Tetrachloride	5.14	117	163978	46.285	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	6.42	83	182434	45.377	ug/l	96
40) Benzene	5.39	78	440754	48.012	ug/l	100
41) Methacrylonitrile	4.54	41	98969	52.275	ug/l	99
42) 1,2-Dichloroethane	5.41	62	159592	45.645	ug/l	97
43) Isopropyl Acetate	5.55	43	289974	47.774	ug/l	97
44) Trichloroethene	6.19	130	122434	46.862	ug/l	95
45) 1,2-Dichloropropane	6.44	63	119544	48.804	ug/l	95
46) Dibromomethane	6.56	93	83692	48.643	ug/l	94
47) Bromodichloromethane	6.76	83	160872	46.955	ug/l	99
48) Methyl methacrylate	6.63	41	140517	47.543	ug/l	97
49) 1,4-Dioxane	6.61	88	48853	845.210	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	939427	246.357	ug/l	98
52) Toluene	7.64	92	285214	48.291	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	182452	47.421	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	189206	46.151	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	116189	48.396	ug/l	99
56) Ethyl methacrylate	8.02	69	194750	48.466	ug/l	99
57) 1,3-Dichloropropane	8.25	76	197719	48.820	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	389699	253.145	ug/l	97
59) 2-Hexanone	8.36	43	745067	239.327	ug/l	99
60) Dibromochloromethane	8.48	129	139305	46.531	ug/l	98
61) 1,2-Dibromoethane	8.59	107	130388	48.795	ug/l	100
64) Tetrachloroethene	8.23	164	110164	44.036	ug/l	99
65) Chlorobenzene	9.12	112	324554	48.273	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	121305	47.490	ug/l	99
67) Ethyl Benzene	9.25	91	558577	47.391	ug/l	99
68) m/p-Xylenes	9.38	106	432901	95.647	ug/l	97
69) o-Xylene	9.78	106	210864	47.076	ug/l	97
70) Styrene	9.80	104	356450	48.425	ug/l	99
71) Bromoform	9.96	173	115036	47.381	ug/l #	99
73) Isopropylbenzene	10.17	105	562087	45.990	ug/l	98
74) N-amyl acetate	10.01	43	281575	48.436	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	198500	48.467	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	229256	65.413	ug/l	83
77) Bromobenzene	10.45	156	146626	47.388	ug/l	96
78) n-propylbenzene	10.59	91	672544	46.713	ug/l	97
79) 2-Chlorotoluene	10.66	91	392168	46.190	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	487039	45.976	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	229256	151.392	ug/l #	100
82) 4-Chlorotoluene	10.78	91	462134	46.766	ug/l	98
83) tert-Butylbenzene	11.10	119	478460	46.954	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	496970	46.035	ug/l	99
85) sec-Butylbenzene	11.33	105	592095	46.420	ug/l	98
86) p-Isopropyltoluene	11.48	119	529195	46.325	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	272110	47.601	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	272471	47.357	ug/l	99
89) n-Butylbenzene	11.89	91	483566	47.679	ug/l	97
90) Hexachloroethane	12.15	117	100962	45.305	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	270927	47.318	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	51521	45.590	ug/l	89

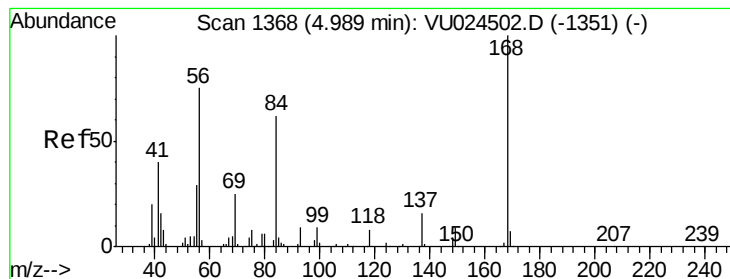
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	191388	54.129	ug/l	100
94) Hexachlorobutadiene	13.70	225	90933	45.692	ug/l	99
95) Naphthalene	13.74	128	603978	51.577	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	194861	55.308	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

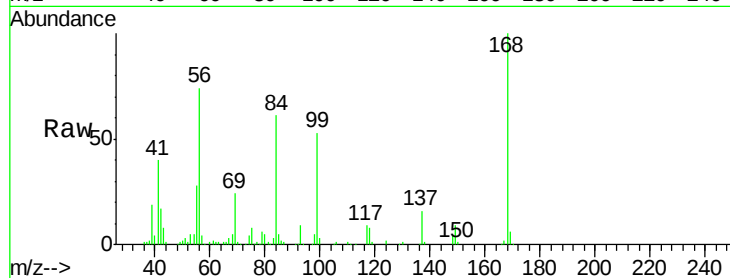
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 171667

Ion Ratio Lower Upper

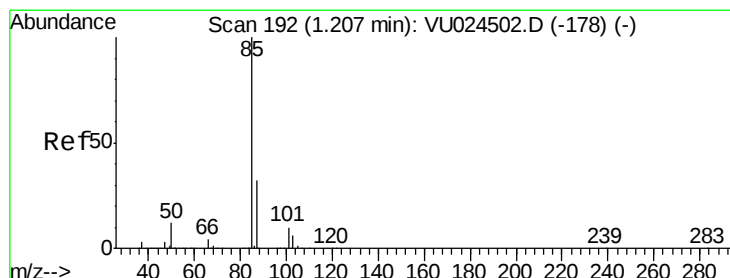
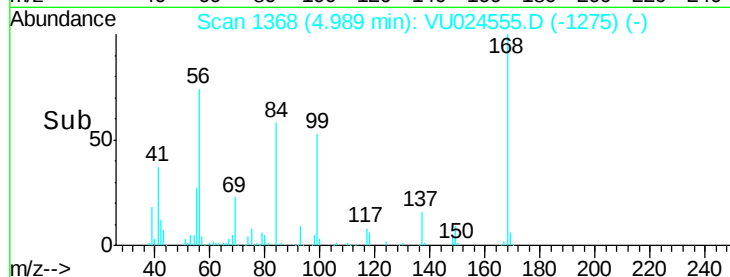
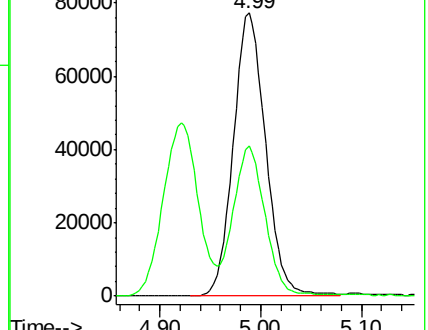
168 100

99 52.5 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: 44.232 ug/l

RT: 1.21 min Scan# 192

Delta R.T. -0.00 min

Lab File: VU024555.D

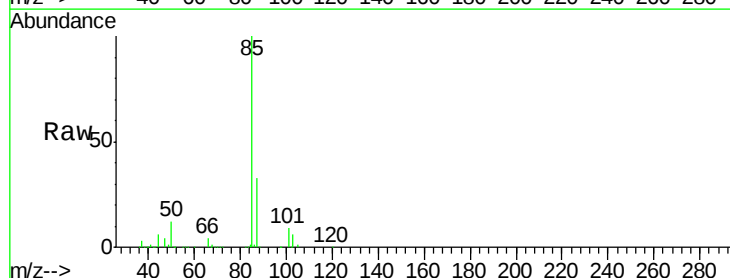
Acq: 14 Jun 2018 21:08

Tgt Ion: 85 Resp: 95042

Ion Ratio Lower Upper

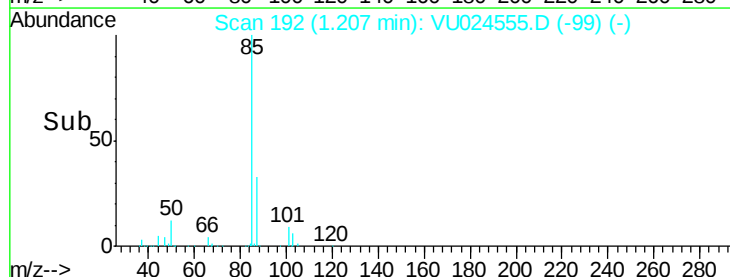
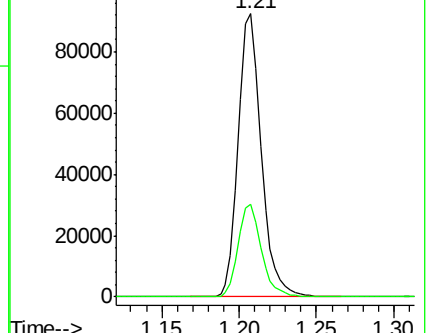
85 100

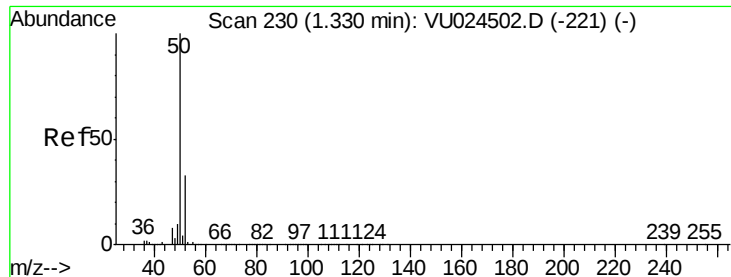
87 32.7 16.1 48.2



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: 45.786 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

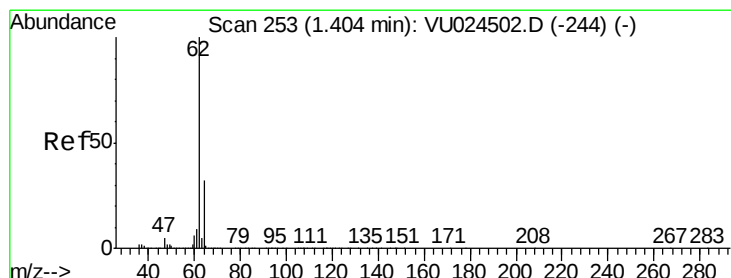
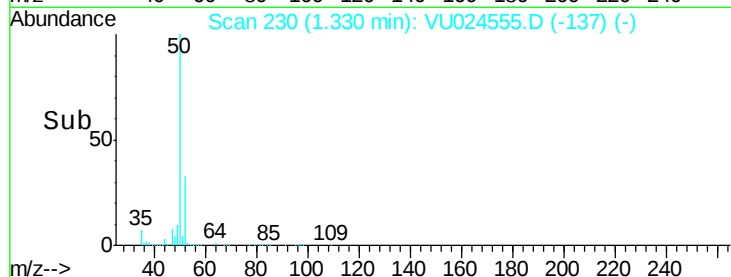
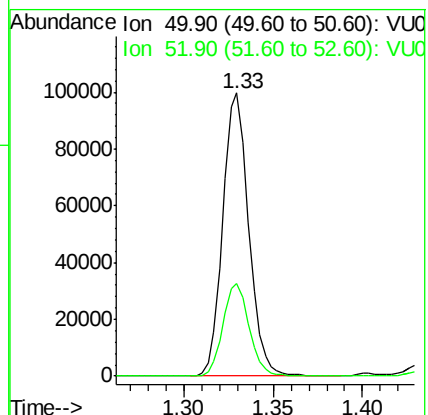
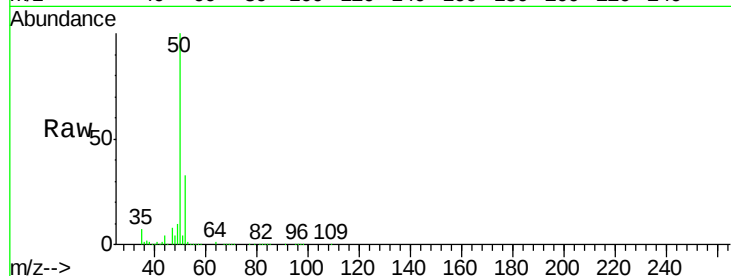
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 50 Resp: 100512

Ion Ratio Lower Upper

50 100

52 32.9 26.4 39.6



#4

Vinyl Chloride

Concen: 49.974 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU024555.D

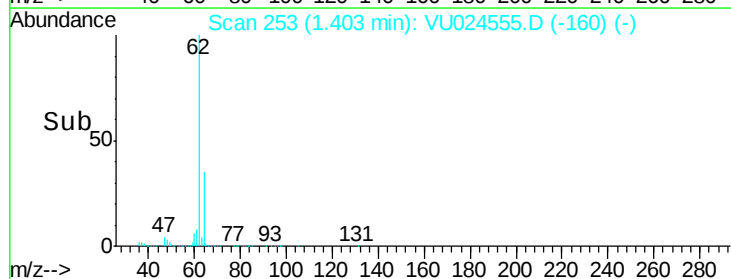
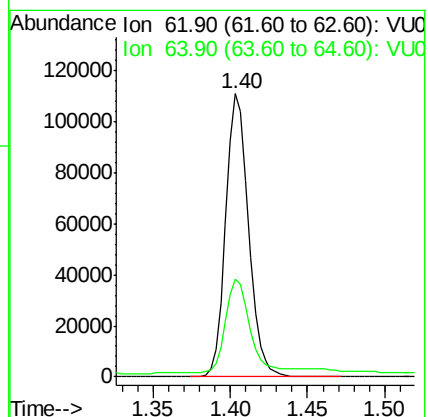
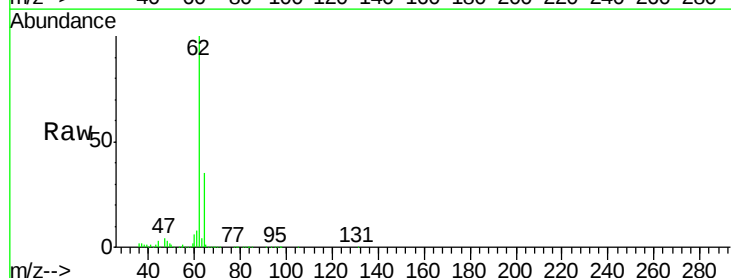
Acq: 14 Jun 2018 21:08

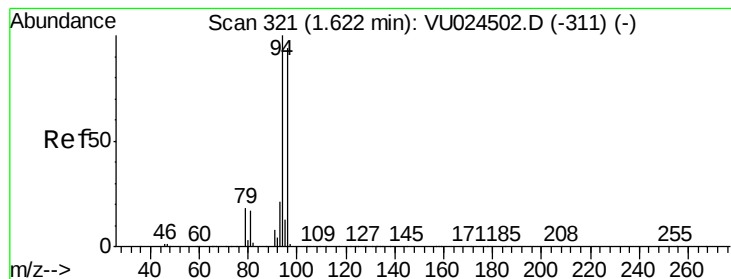
Tgt Ion: 62 Resp: 113138

Ion Ratio Lower Upper

62 100

64 33.2 24.8 37.2





#5

Bromomethane

Concen: 57.258 ug/l

RT: 1.62 min Scan# 321

Delta R.T. -0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

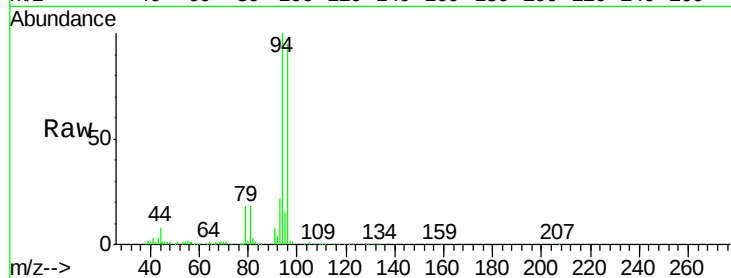
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 94 Resp: 62664

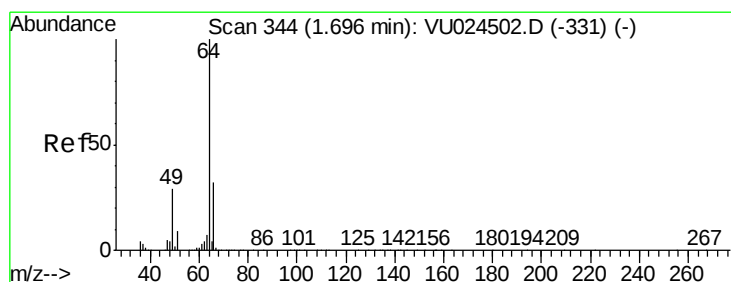
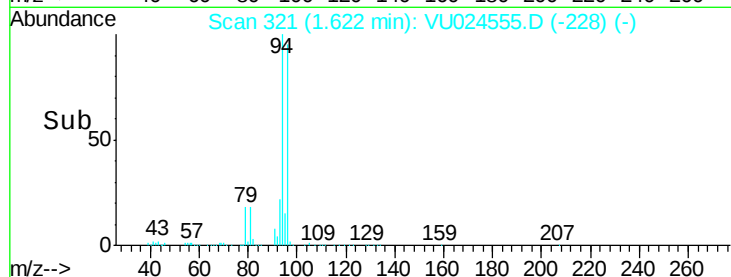
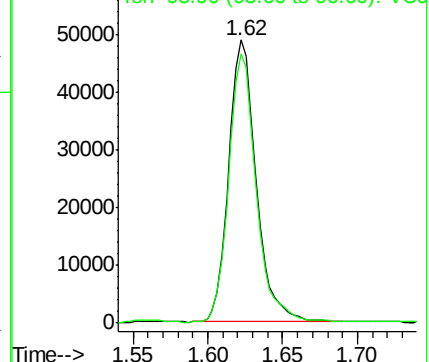
Ion Ratio Lower Upper

94 100

96 95.0 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VU0
Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 52.897 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU024555.D

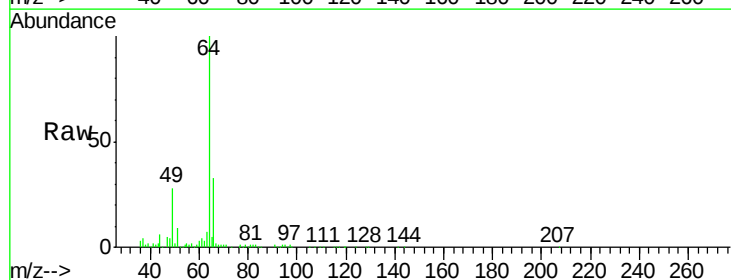
Acq: 14 Jun 2018 21:08

Tgt Ion: 64 Resp: 66840

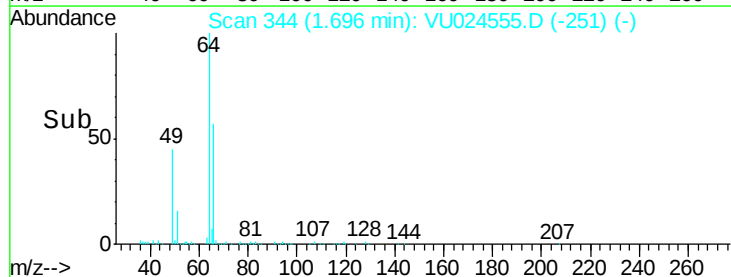
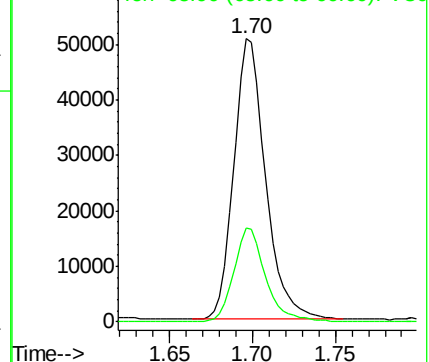
Ion Ratio Lower Upper

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



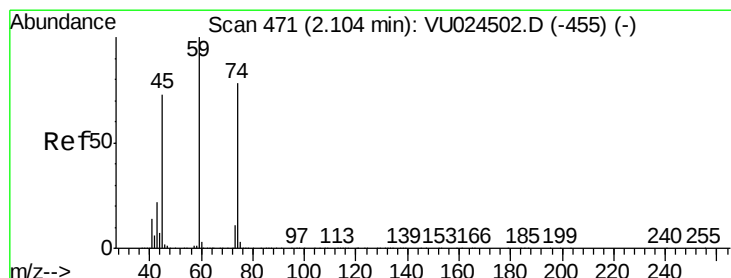
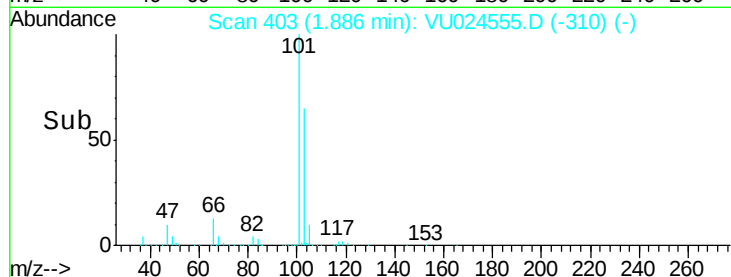
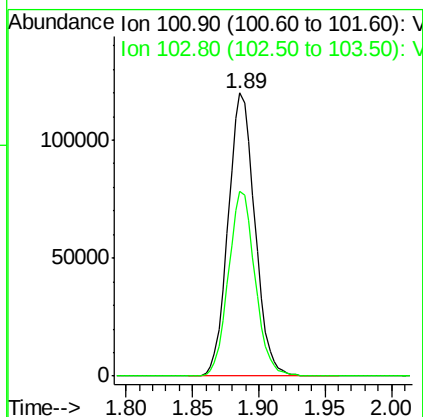
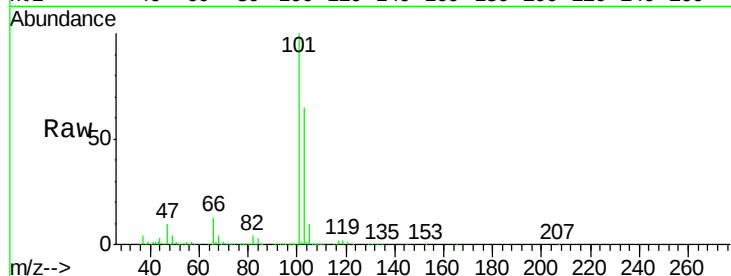


#7

Trichlorofluoromethane
Concen: 48.675 ug/l
RT: 1.89 min Scan# 403
Delta R.T. -0.00 min
Lab File: VU024555.D
Acq: 14 Jun 2018 21:08

Instrument :
MSVOA_U
ClientSampleId :

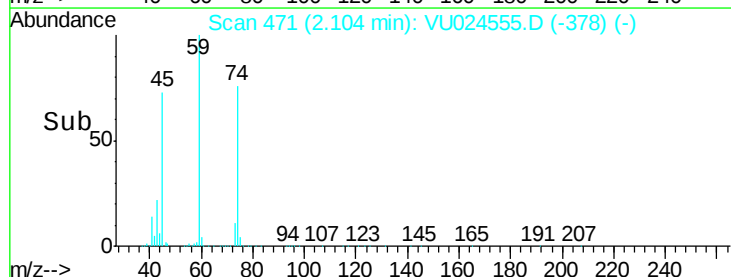
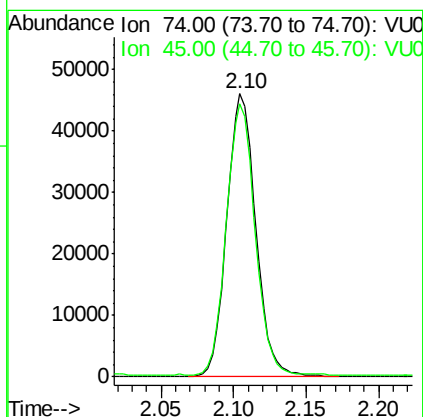
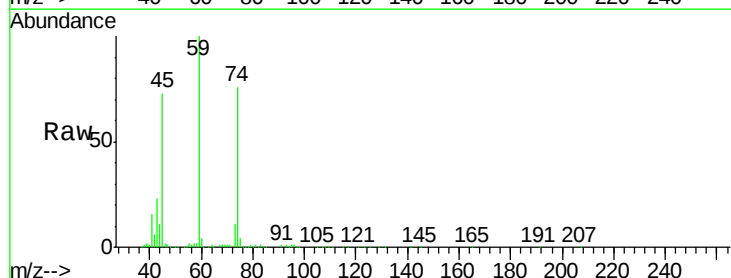
Tot Ion:101 Resp: 168171
Ion Ratio Lower Upper
101 100
103 65.3 52.3 78.5

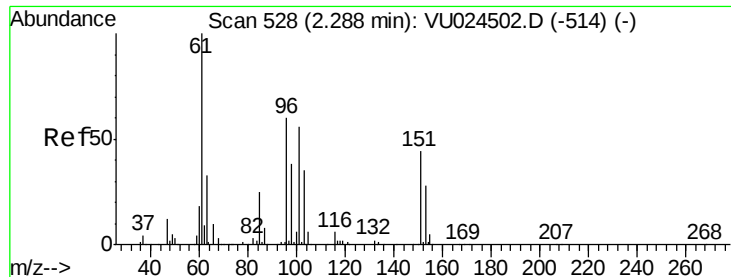


#8

Diethyl Ether
Concen: 54.659 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024555.D
Acq: 14 Jun 2018 21:08

Tgt Ion: 74 Resp: 64060
Ion Ratio Lower Upper
74 100
45 95.1 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.626 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

Instrument :

MSVOA_U

ClientSampleId :

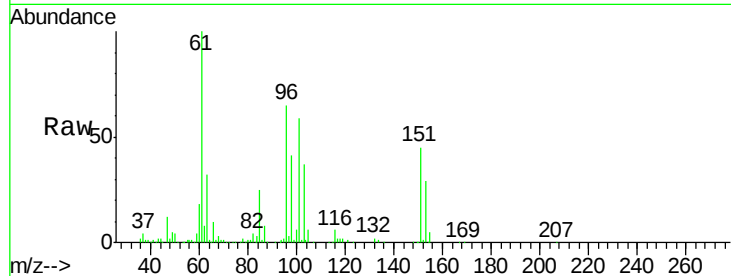
Tot Ion:101 Resp: 95653

Ion Ratio Lower Upper

101 100

85 44.4 36.0 54.0

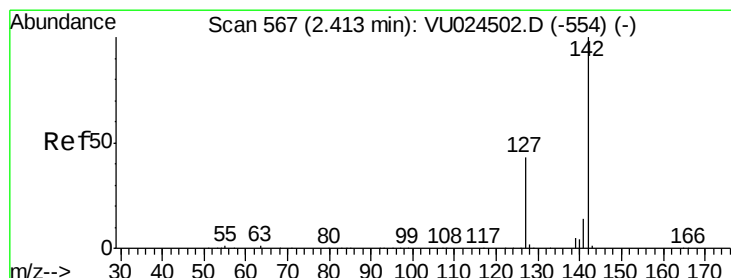
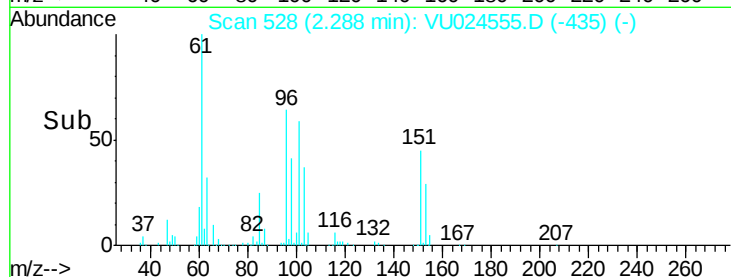
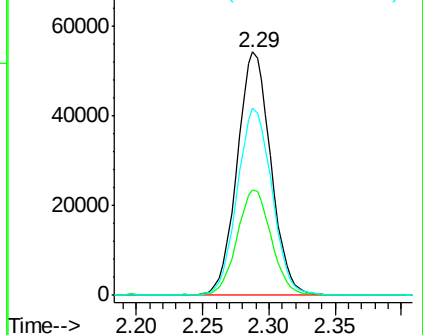
151 79.6 62.3 93.5



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: 47.484 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

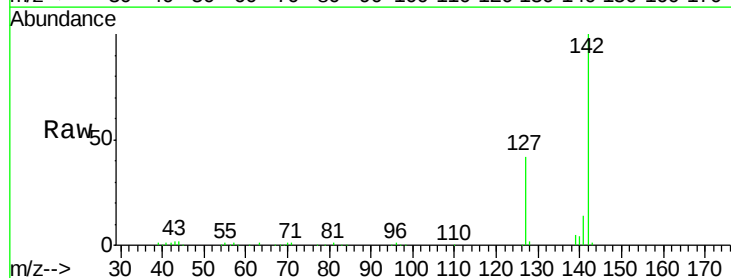
Tgt Ion:142 Resp: 85596

Ion Ratio Lower Upper

142 100

127 42.6 35.6 53.4

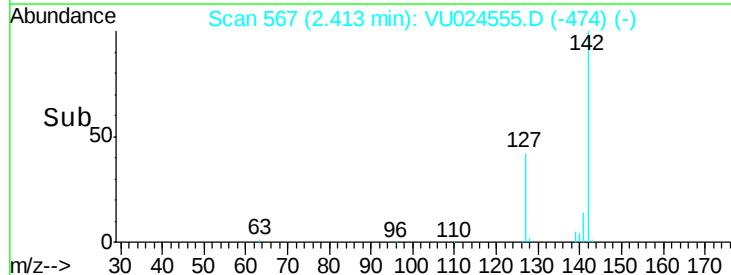
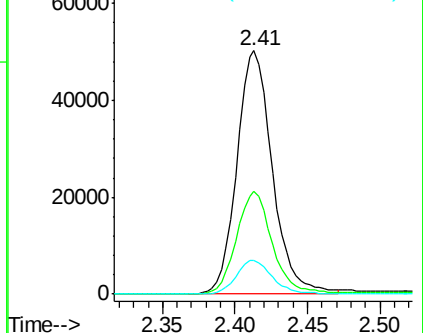
141 14.3 11.7 17.5

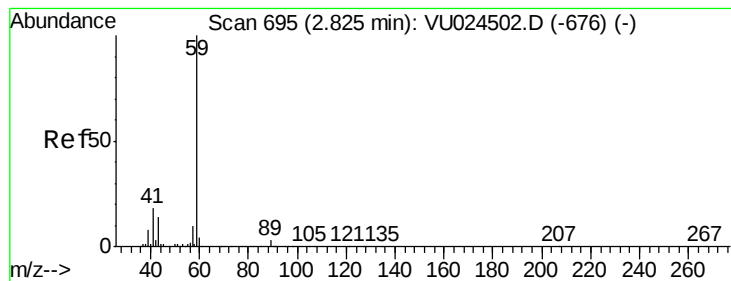


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



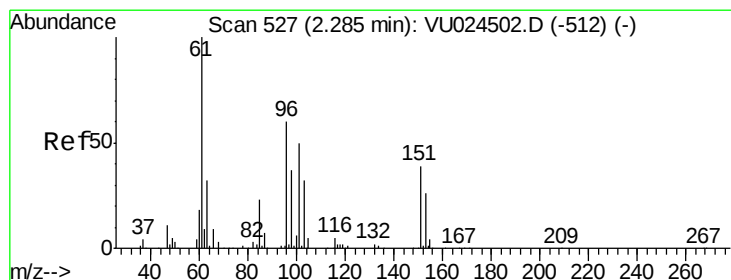
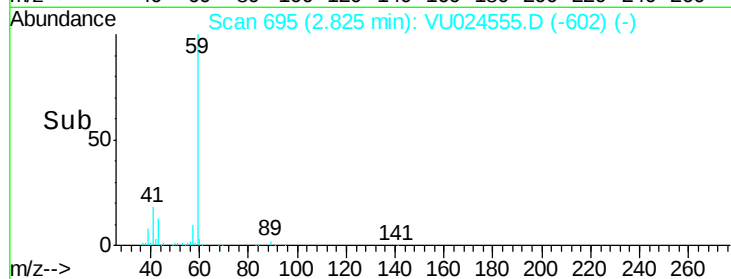
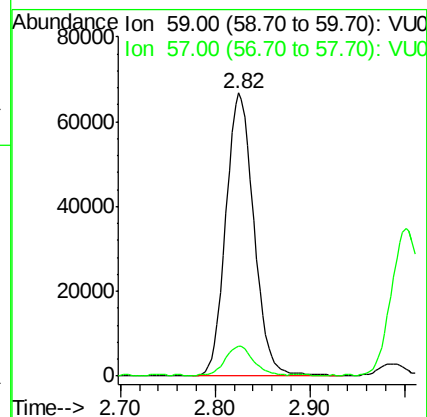
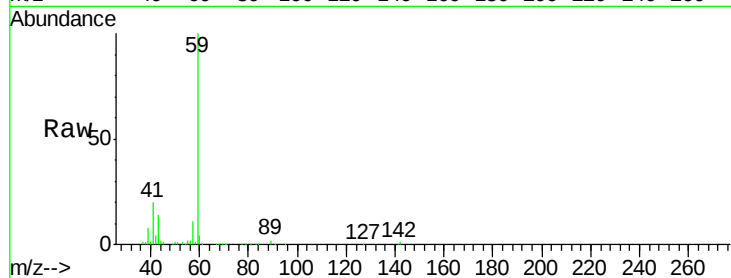


#11

Tert butyl alcohol
 Concen: 202.487 ug/l
 RT: 2.82 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: VU024555.D
 Acq: 14 Jun 2018 21:08

Instrument :
 MSVOA_U
 ClientSampleId :

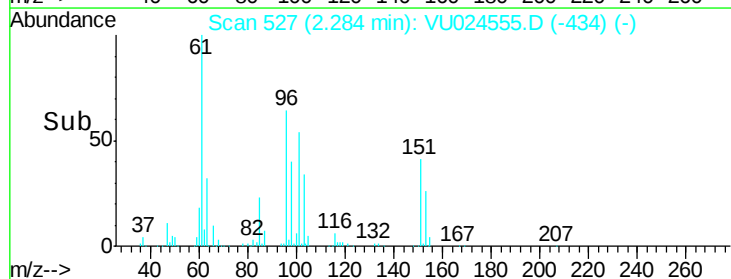
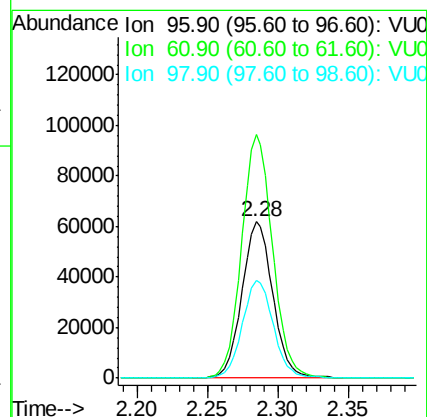
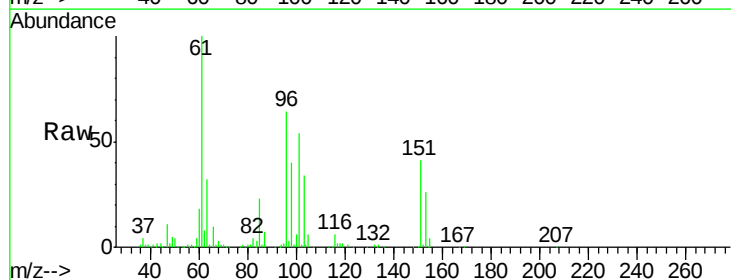
Tot Ion: 59 Resp: 138014
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.5 12.7

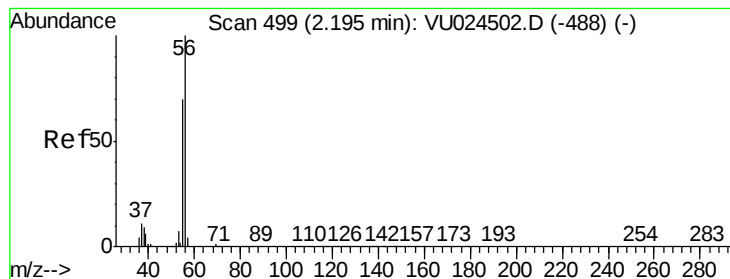


#12

1,1-Dichloroethene
 Concen: 48.140 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VU024555.D
 Acq: 14 Jun 2018 21:08

Tgt Ion: 96 Resp: 94099
 Ion Ratio Lower Upper
 96 100
 61 156.6 141.7 212.5
 98 62.6 51.6 77.4





#13

Acrolein

Concen: 209.666 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

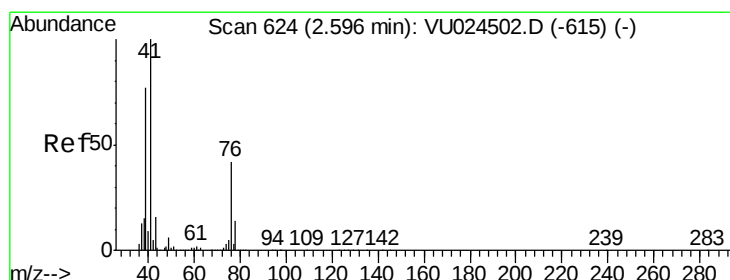
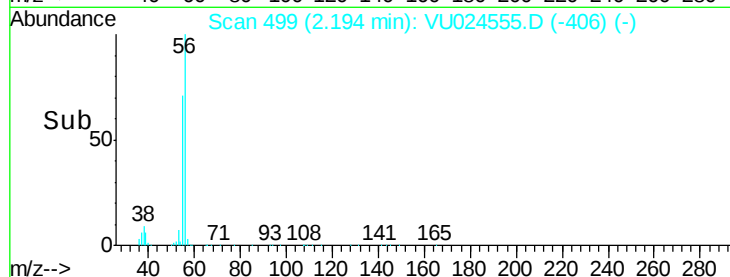
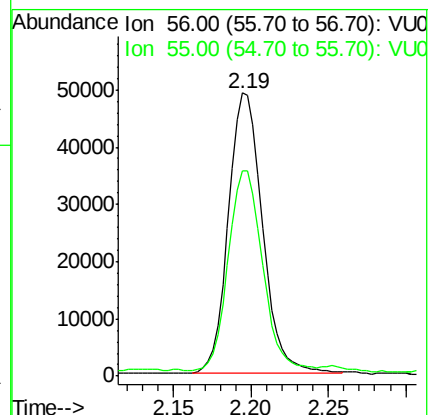
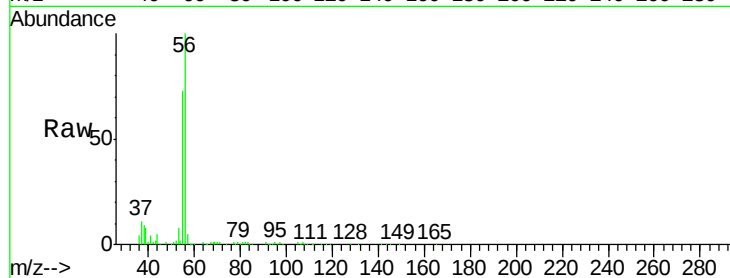
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 56 Resp: 75044

Ion Ratio Lower Upper

56 100

55 71.1 58.4 87.6



#14

Allyl chloride

Concen: 44.166 ug/l

RT: 2.60 min Scan# 624

Delta R.T. -0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

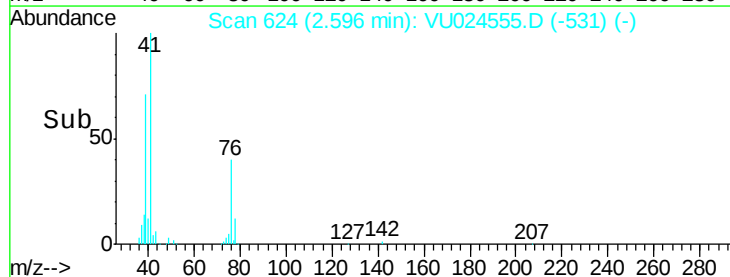
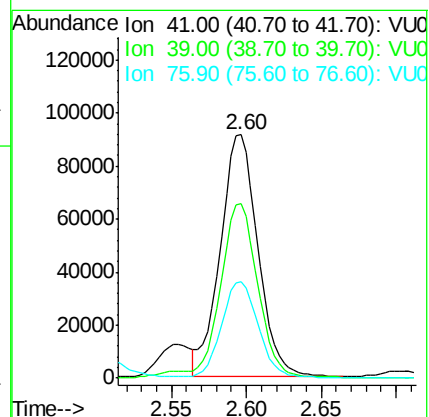
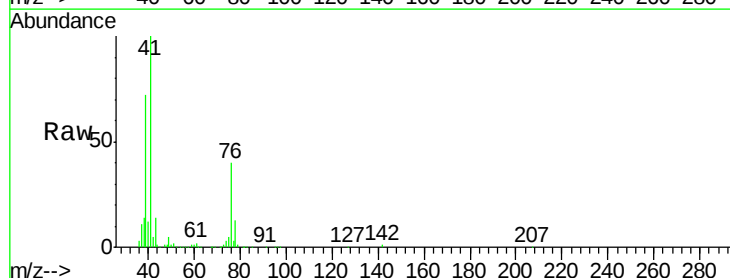
Tgt Ion: 41 Resp: 160293

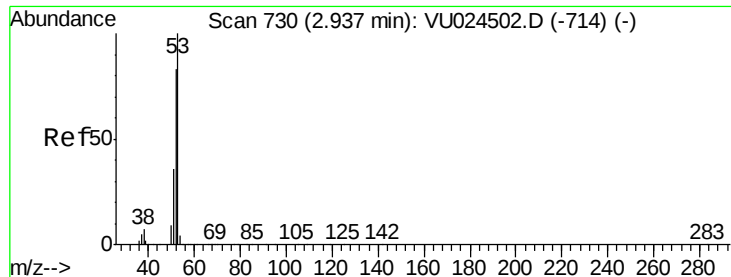
Ion Ratio Lower Upper

41 100

39 70.1 61.6 92.4

76 38.8 29.7 44.5

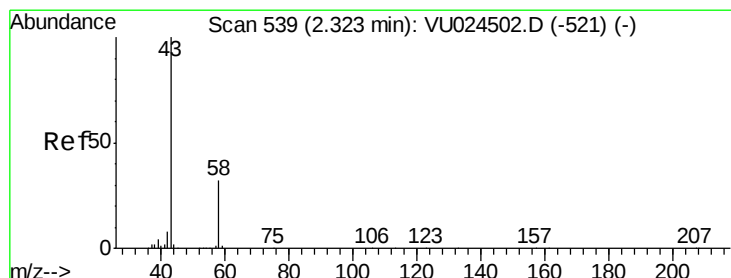
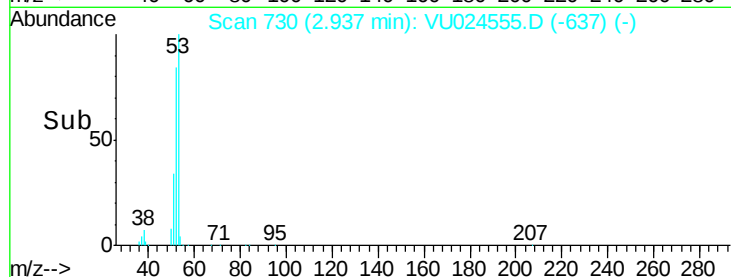
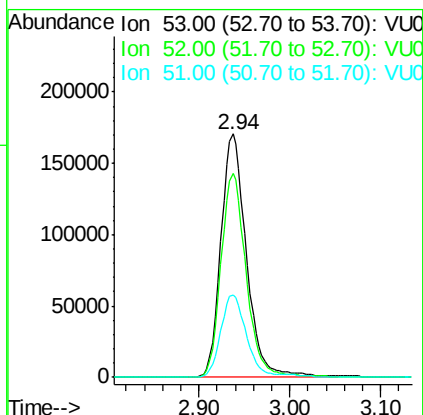
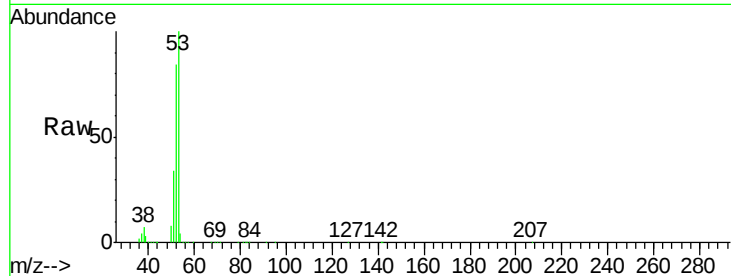




#15
 Acrylonitrile
 Concen: 251.910 ug/l
 RT: 2.94 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU024555.D
 Acq: 14 Jun 2018 21:08

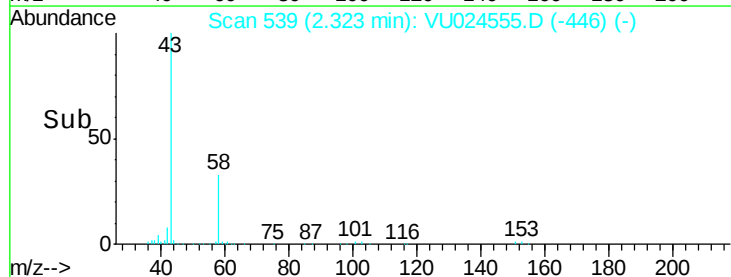
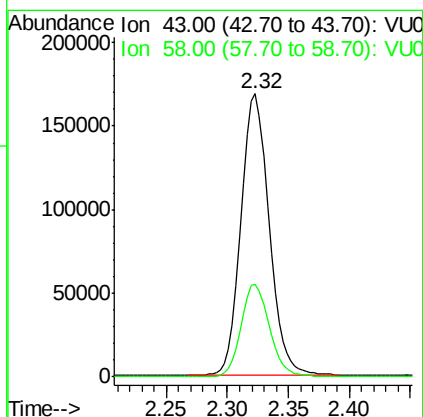
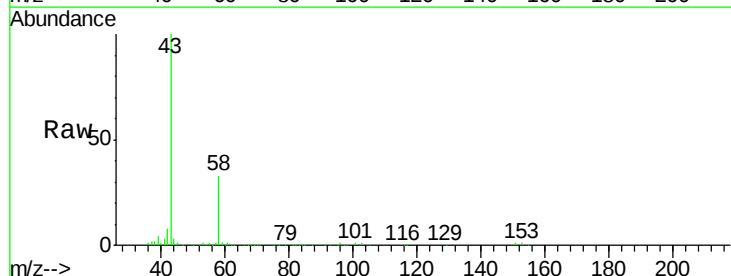
Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion	53	Resp	334062
Ion Ratio	Lower	Upper	
53	100		
52	82.0	67.1	100.7
51	35.0	28.4	42.6



#16
 Acetone
 Concen: 177.666 ug/l
 RT: 2.32 min Scan# 539
 Delta R.T. -0.00 min
 Lab File: VU024555.D
 Acq: 14 Jun 2018 21:08

Tgt Ion	43	Resp	267526
Ion Ratio	Lower	Upper	
43	100		
58	32.9	24.4	36.6





#17

Carbon Disulfide

Concen: 46.723 ug/l

RT: 2.48 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

Instrument :

MSVOA_U

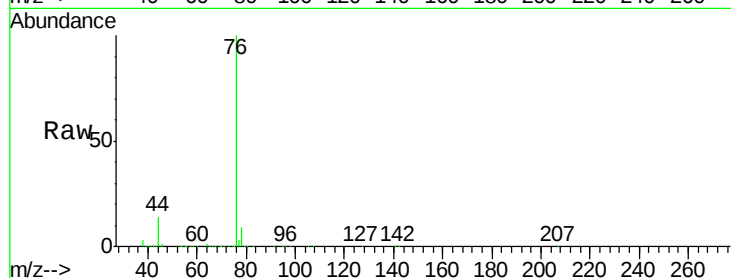
ClientSampleId :

Tot Ion: 76 Resp: 292437

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU024502.D (-574) (-)

Ion 77.90 (77.60 to 78.60): VU024502.D (-574) (-)

2.48

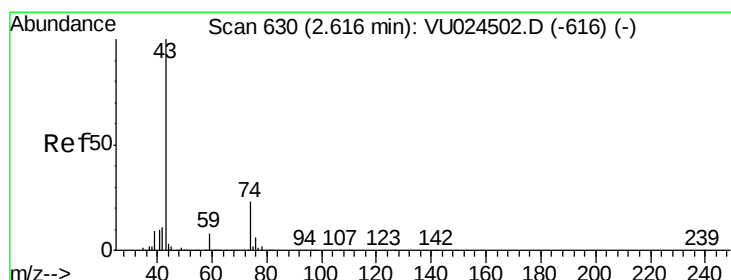
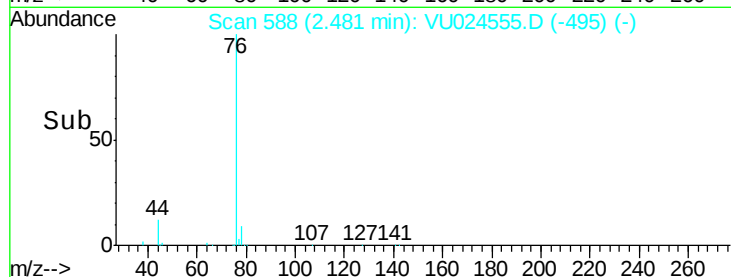
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 48.387 ug/l

RT: 2.62 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU024555.D

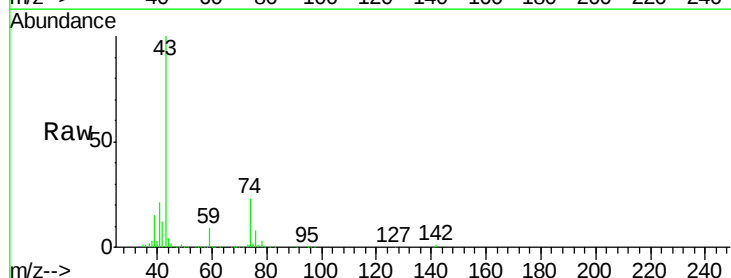
Acq: 14 Jun 2018 21:08

Tgt Ion: 43 Resp: 156196

Ion Ratio Lower Upper

43 100

74 24.0 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-616) (-)

Ion 74.00 (73.70 to 74.70): VU024502.D (-616) (-)

2.62

100000

80000

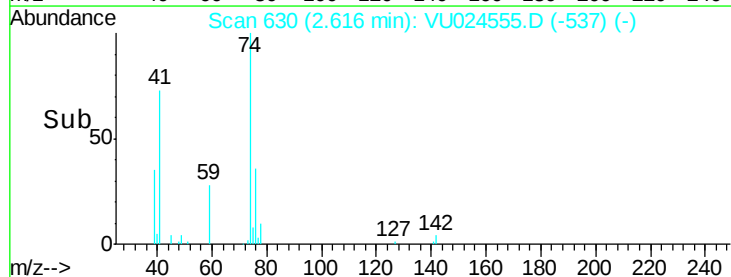
60000

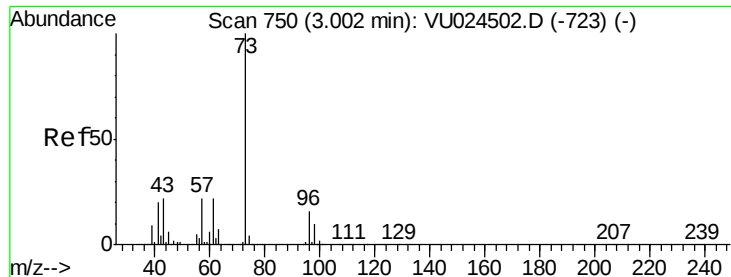
40000

20000

0

Time-->

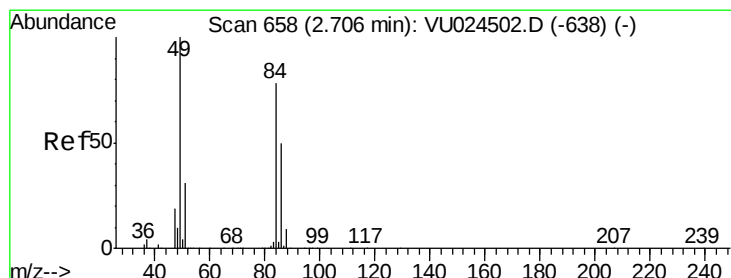
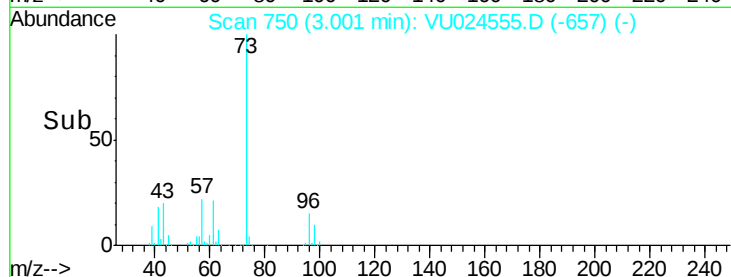
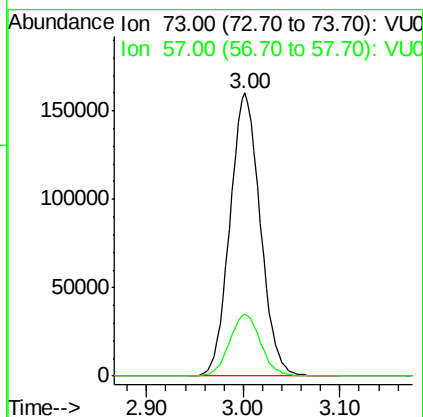
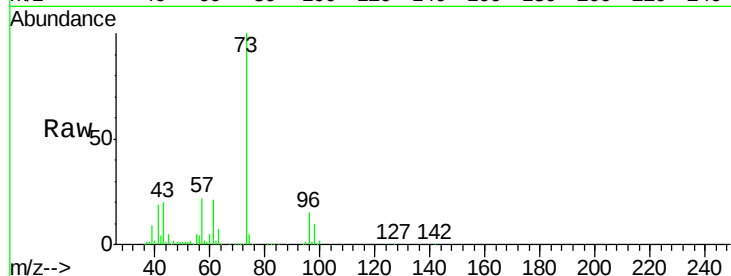




#19
Methvl tert-butvl Ether
Concen: 47.386 ug/l
RT: 3.00 min Scan# 750
Delta R.T. -0.00 min
Lab File: VU024555.D
Acq: 14 Jun 2018 21:08

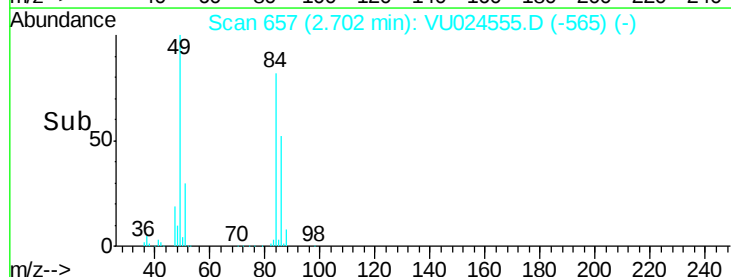
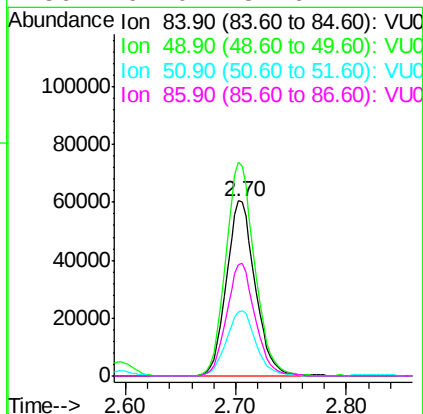
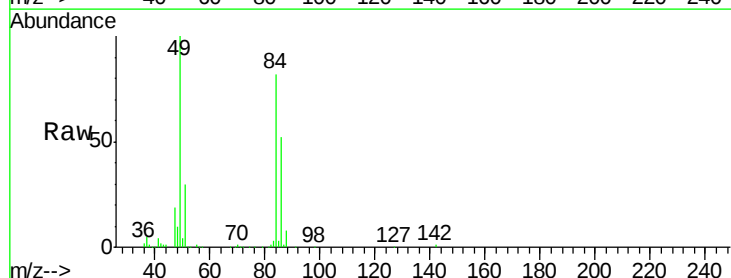
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 73 Resp: 348172
Ion Ratio Lower Upper
73 100
57 21.6 18.8 28.2



#20
Methylene Chloride
Concen: 46.361 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024555.D
Acq: 14 Jun 2018 21:08

Tgt Ion: 84 Resp: 109537
Ion Ratio Lower Upper
84 100
49 122.1 103.8 155.8
51 37.0 32.0 48.0
86 64.0 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 48.618 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

Instrument :
MSVOA_U
ClientSampleId :

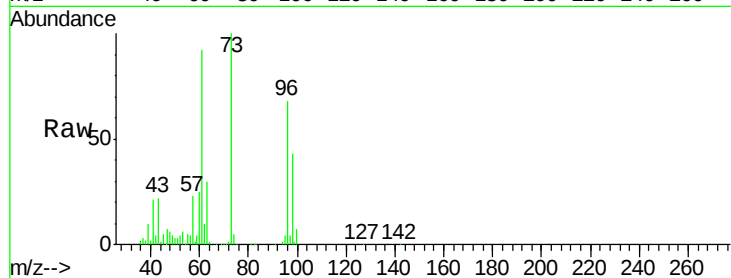
Tot Ion: 96 Resp: 104668

Ion Ratio Lower Upper

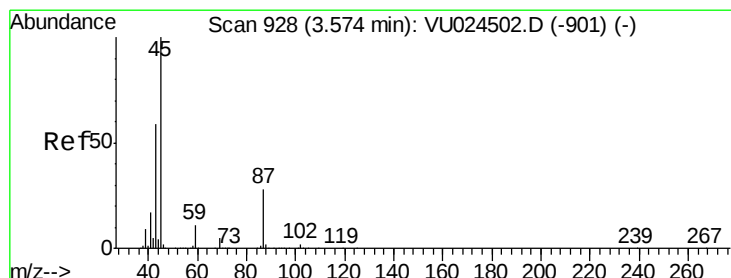
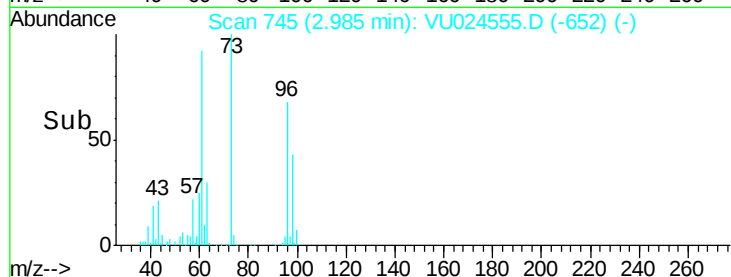
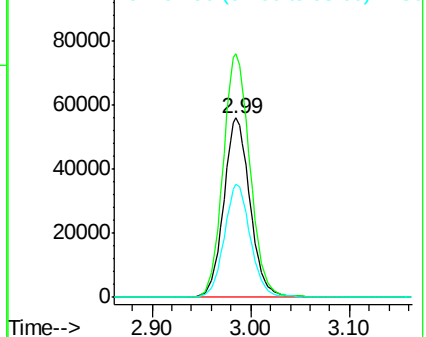
96 100

61 135.9 119.4 179.0

98 63.1 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: 48.640 ug/l

RT: 3.57 min Scan# 928

Delta R.T. -0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

Tgt Ion: 45 Resp: 349947

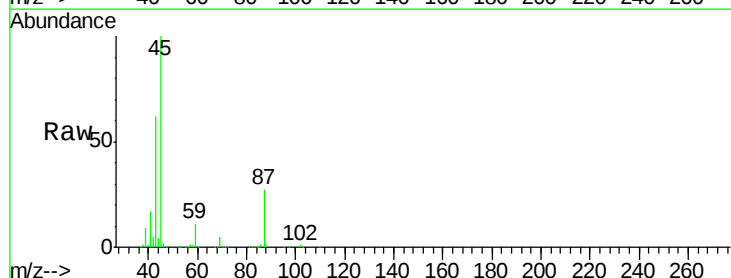
Ion Ratio Lower Upper

45 100

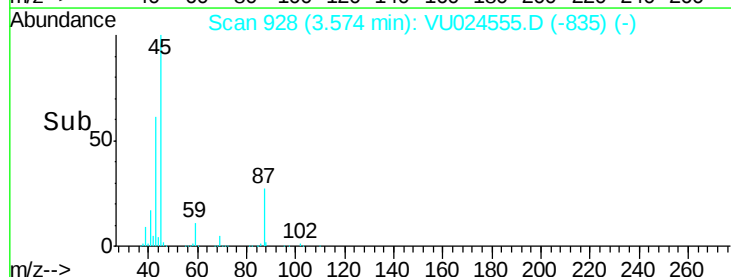
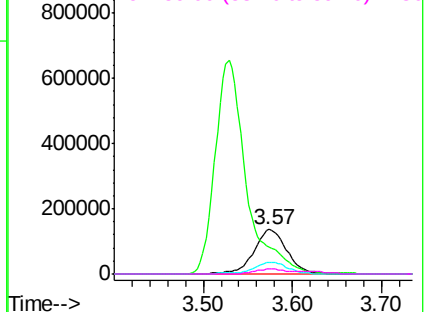
43 60.8 45.8 68.6

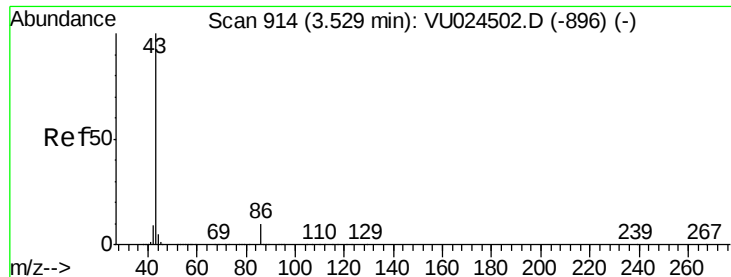
87 26.4 20.6 31.0

59 11.4 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: 245.977 ug/l

RT: 3.53 min Scan# 914

Delta R.T. -0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

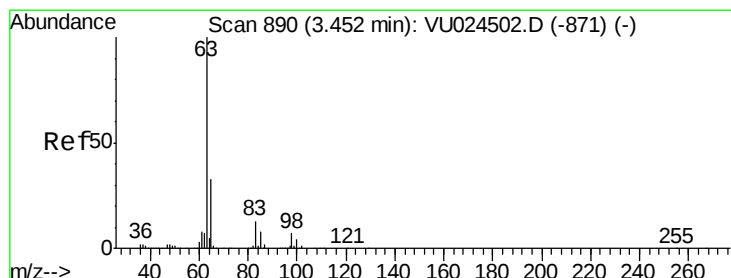
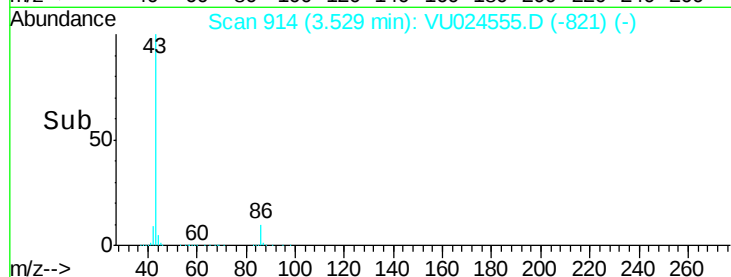
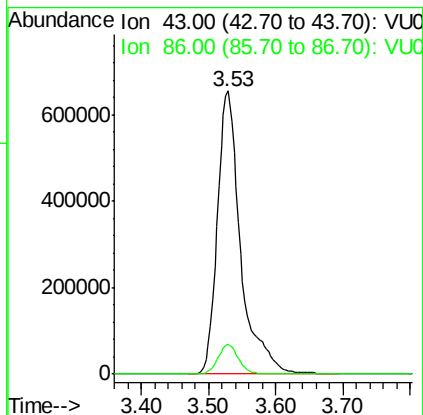
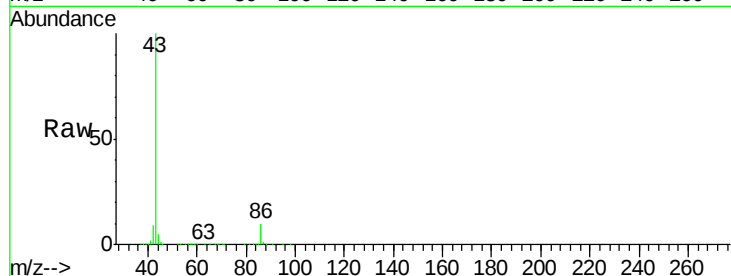
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 1585285

Ion Ratio Lower Upper

43 100

86 10.4 7.8 11.8



#24

1,1-Dichloroethane

Concen: 47.635 ug/l

RT: 3.45 min Scan# 890

Delta R.T. -0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

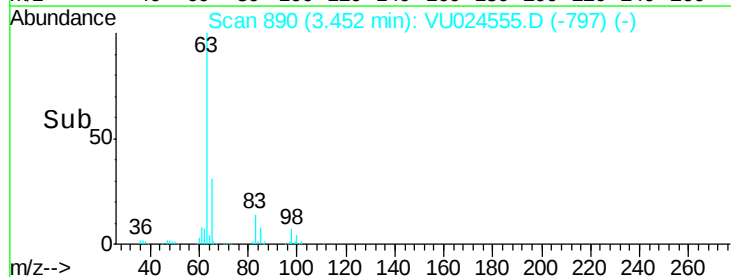
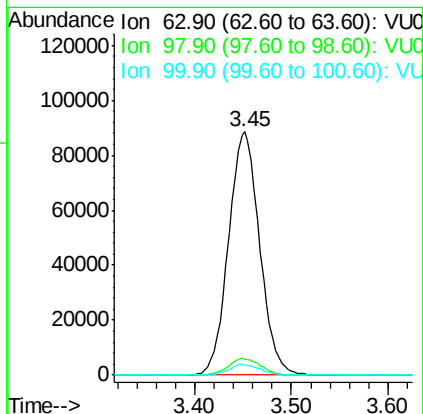
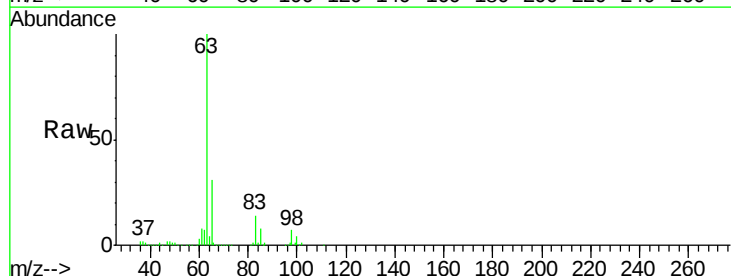
Tgt Ion: 63 Resp: 197152

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.4

100 4.2 1.8 5.5

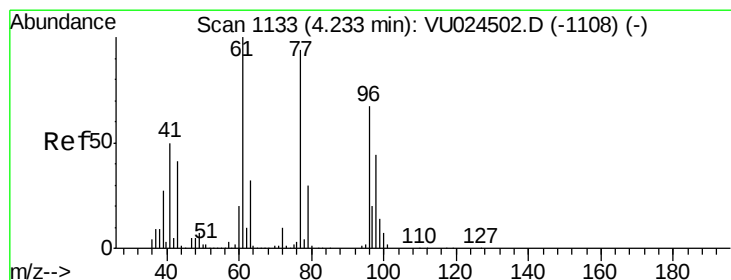
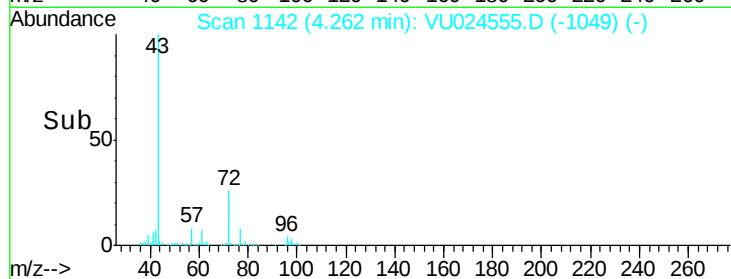
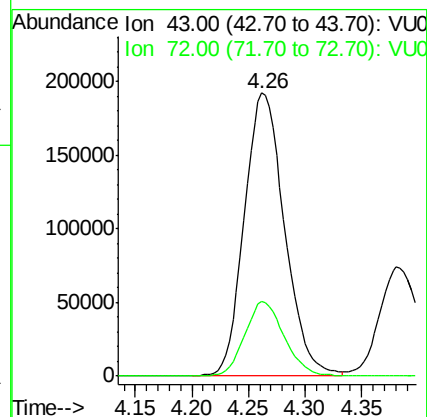
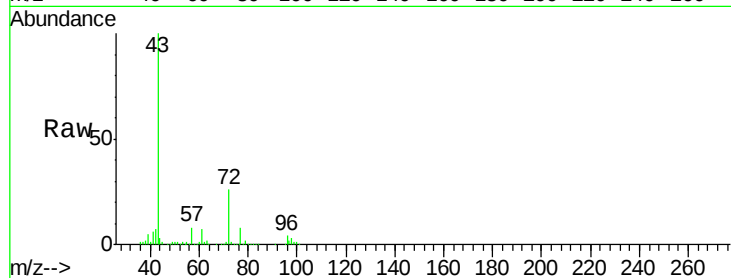




#25
 2-Butanone
 Concen: 233.326 ug/l
 RT: 4.26 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VU024555.D
 Acq: 14 Jun 2018 21:08

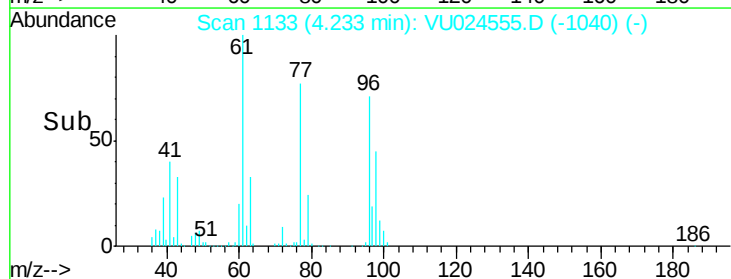
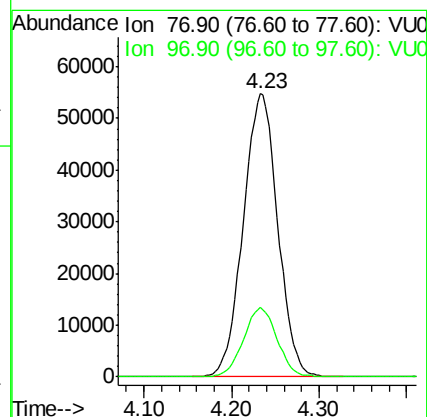
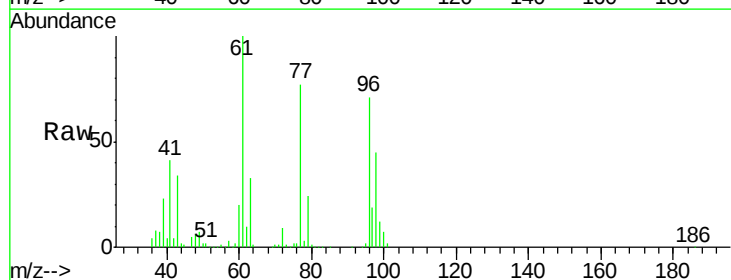
Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 43 Resp: 471925
 Ion Ratio Lower Upper
 43 100
 72 26.3 19.6 29.4



#26
 2,2-Dichloropropane
 Concen: 38.047 ug/l
 RT: 4.23 min Scan# 1133
 Delta R.T. -0.00 min
 Lab File: VU024555.D
 Acq: 14 Jun 2018 21:08

Tgt Ion: 77 Resp: 149527
 Ion Ratio Lower Upper
 77 100
 97 24.0 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 49.492 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

Instrument :
MSVOA_U
ClientSampleId :

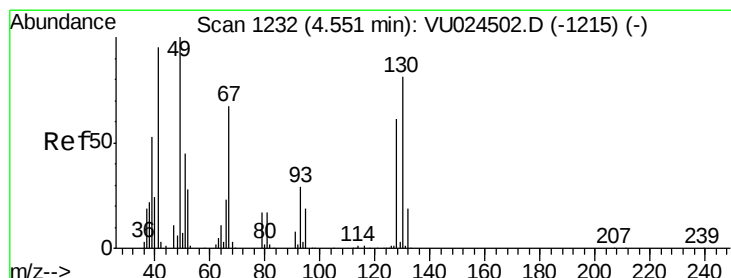
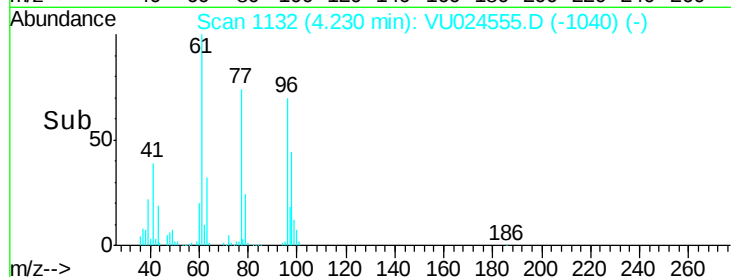
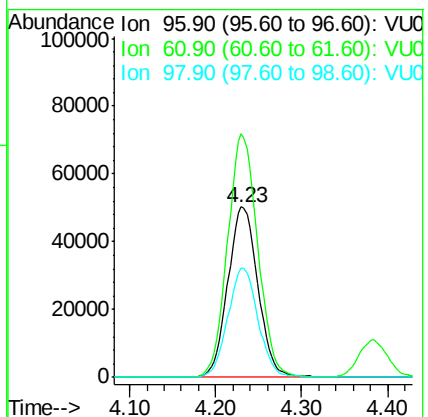
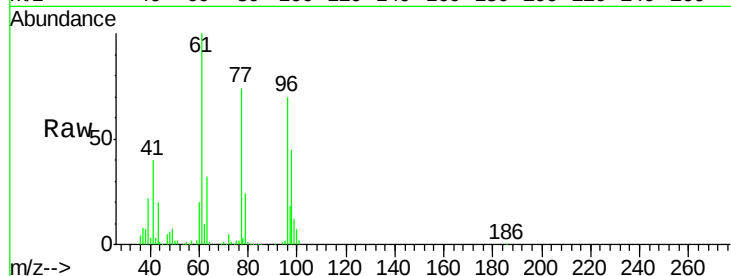
Tot Ion: 96 Resp: 122498

Ion Ratio Lower Upper

96 100

61 142.9 0.0 306.6

98 64.3 0.0 128.8



#28

Bromochloromethane

Concen: 51.534 ug/l

RT: 4.55 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

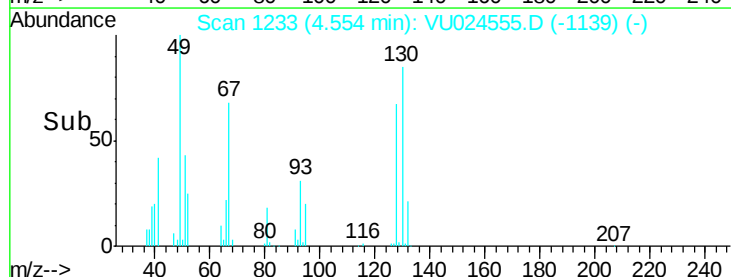
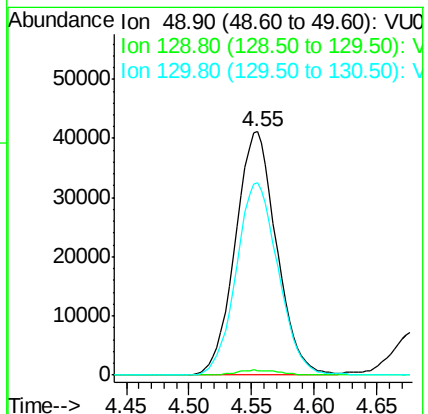
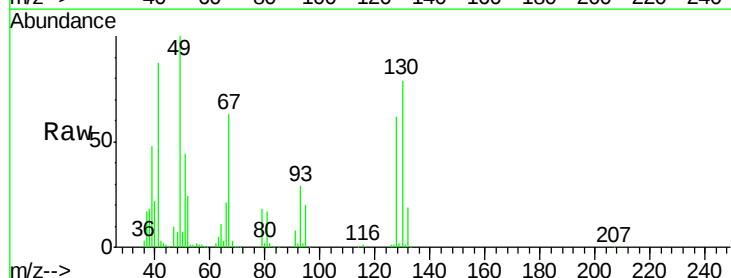
Tgt Ion: 49 Resp: 93947

Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 80.6 57.8 86.6

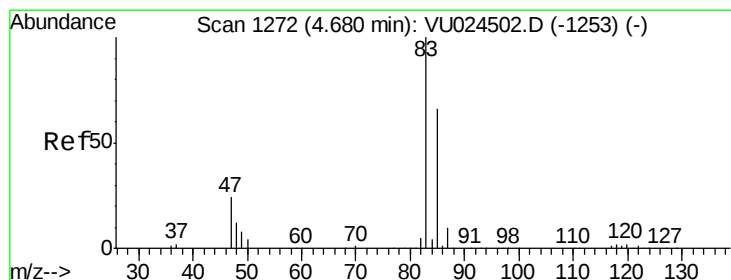
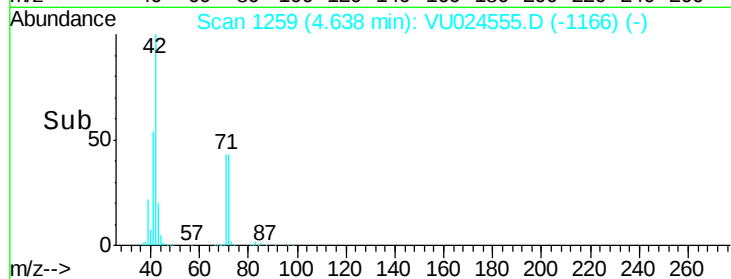
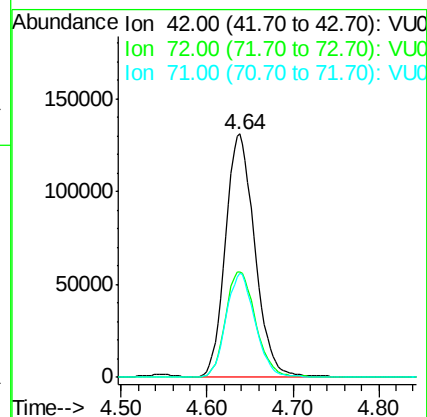
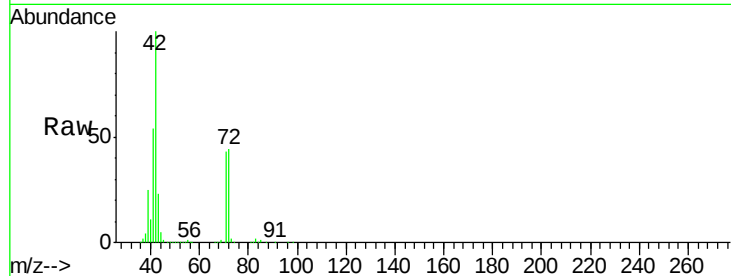




#29
Tetrahydrofuran
Concen: 246.490 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VU024555.D
Acq: 14 Jun 2018 21:08

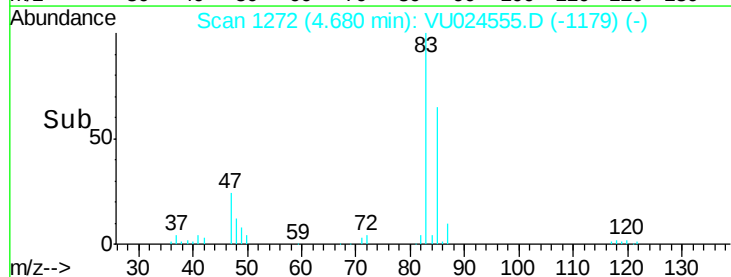
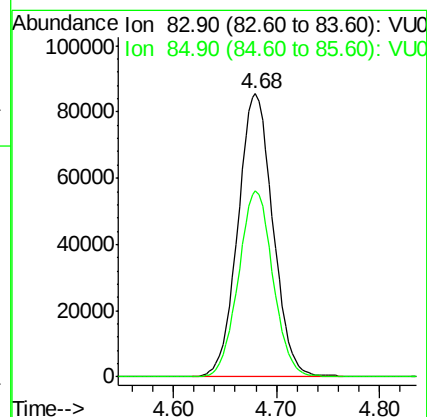
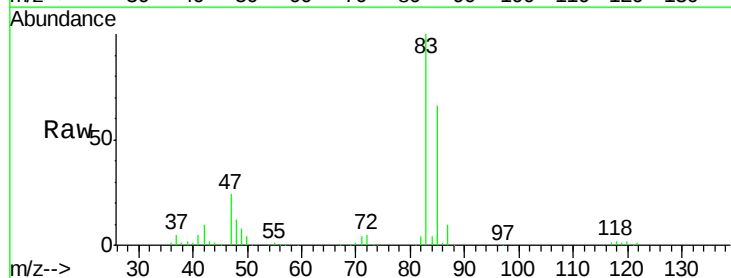
Instrument :
MSVOA_U
ClientSampleId :

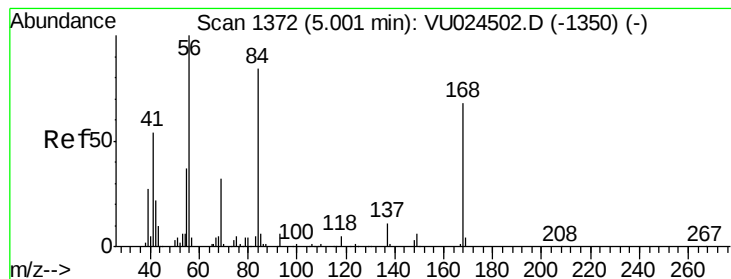
Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	34.5	51.7
71	42.8	32.2	48.4



#30
Chloroform
Concen: 47.795 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VU024555.D
Acq: 14 Jun 2018 21:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.4	78.6





#31

Cyclohexane

Concen: 49.517 ug/l

RT: 5.00 min Scan# 1372

Delta R.T. 0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

Instrument :
MSVOA_U
ClientSampleId :

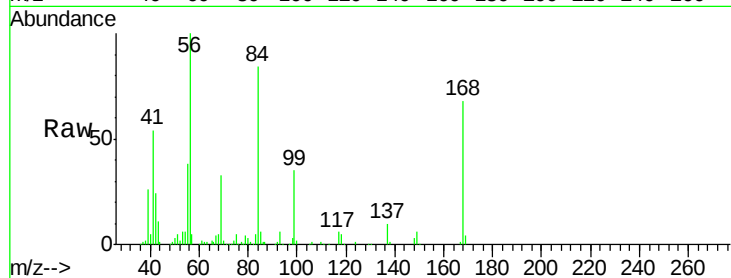
Tot Ion: 56 Resp: 182065

Ion Ratio Lower Upper

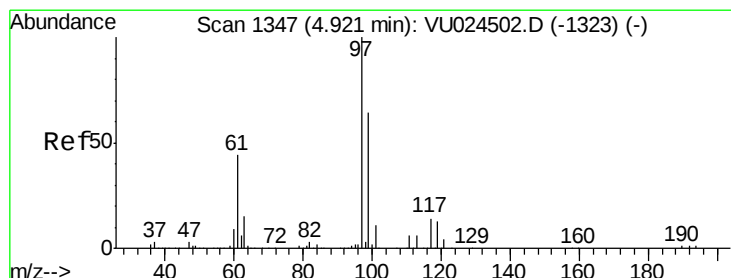
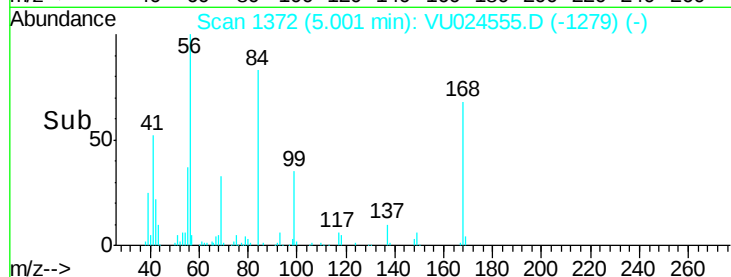
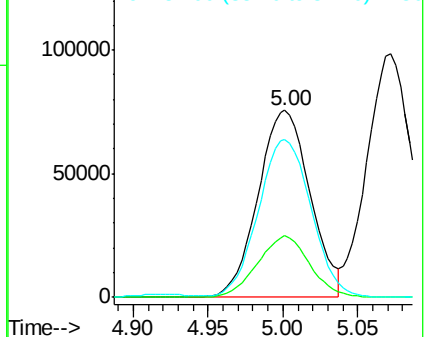
56 100

69 32.6 24.8 37.2

84 83.5 65.2 97.8



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



#32

1,1,1-Trichloroethane

Concen: 46.292 ug/l

RT: 4.92 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

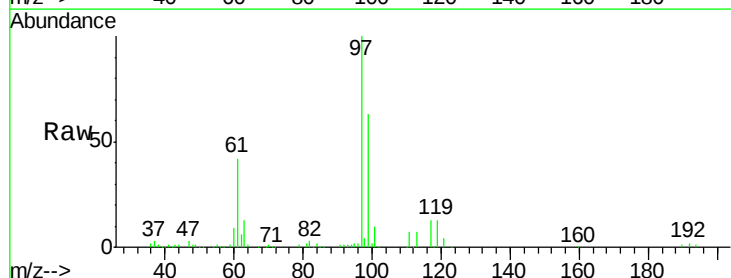
Tgt Ion: 97 Resp: 179328

Ion Ratio Lower Upper

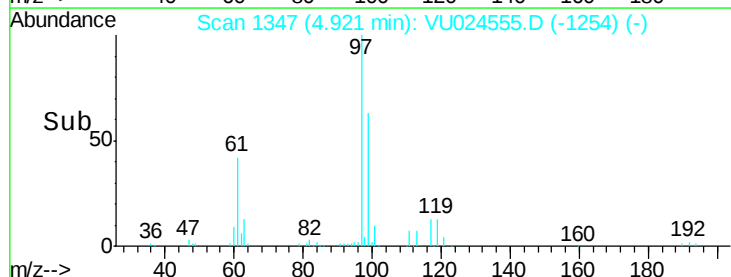
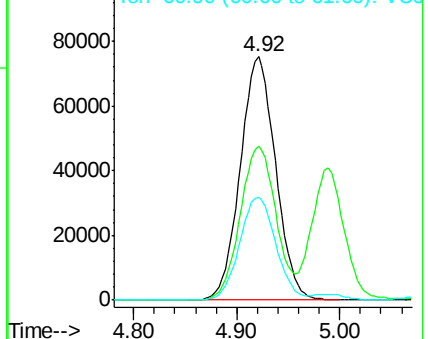
97 100

99 64.1 51.0 76.6

61 43.4 39.4 59.0



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0

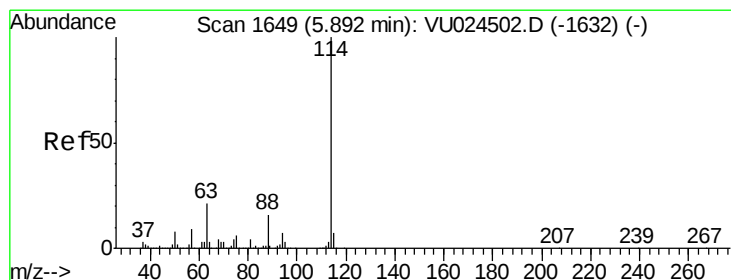
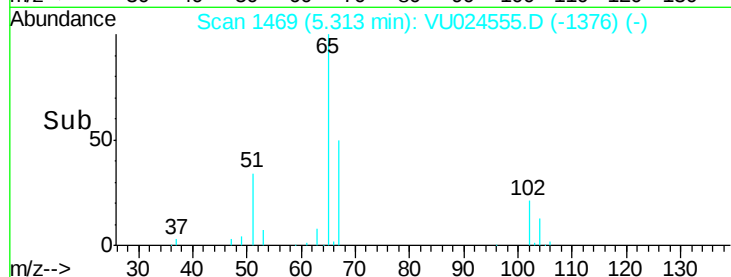
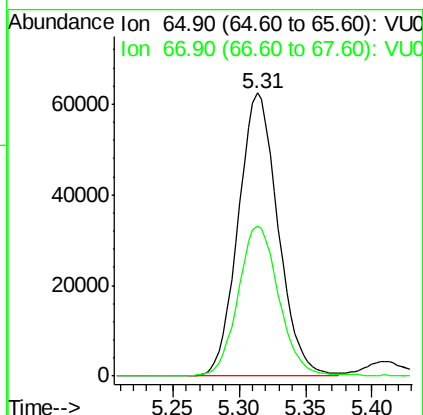
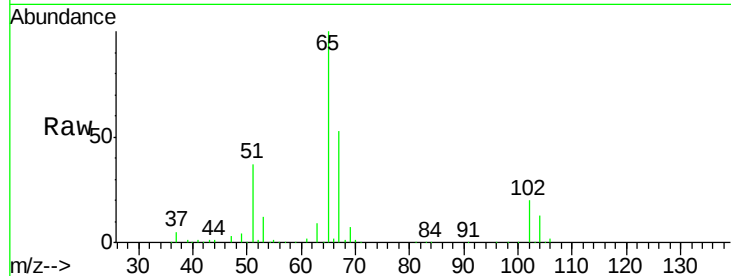




#33
 1,2-Dichloroethane-d4
 Concen: 46.571 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024555.D
 Acq: 14 Jun 2018 21:08

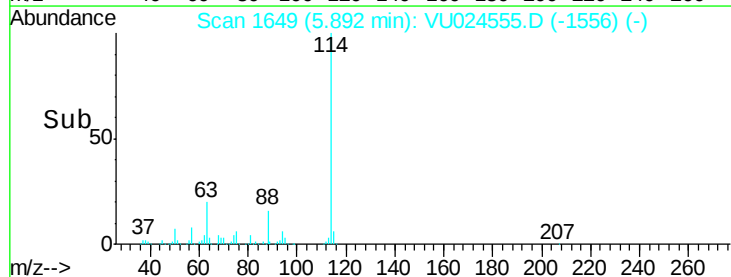
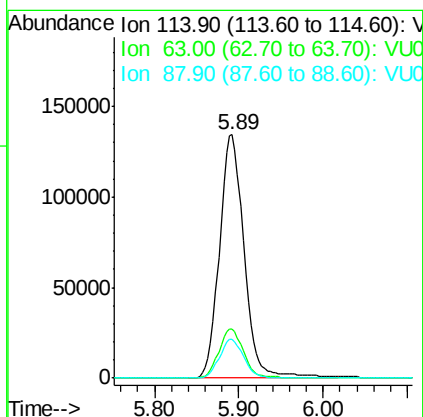
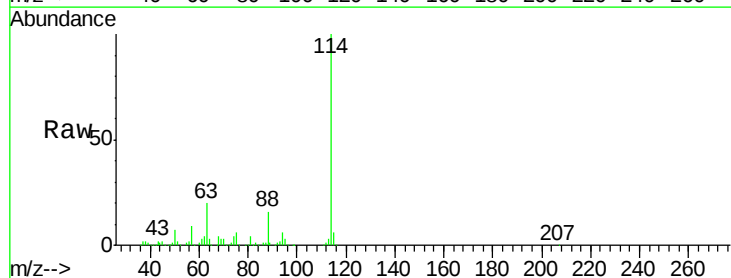
Instrument :
 MSVOA_U
 ClientSampleId :

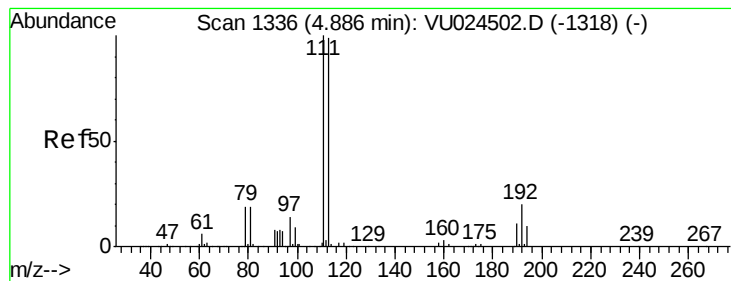
Tot Ion: 65 Resp: 130515
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU024555.D
 Acq: 14 Jun 2018 21:08

Tgt Ion: 114 Resp: 274170
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 45.4
 88 15.7 0.0 31.0





#35

Dibromofluoromethane

Concen: 49.326 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

Instrument :

MSVOA_U

ClientSampleId :

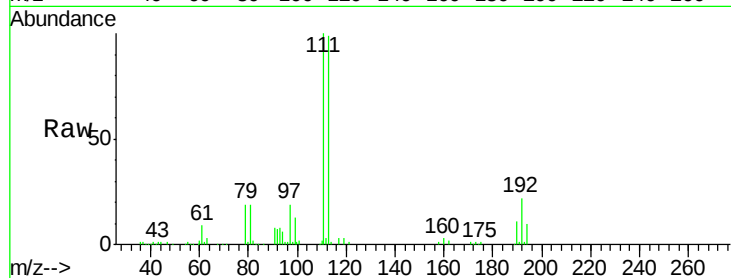
Tot Ion:113 Resp: 112236

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

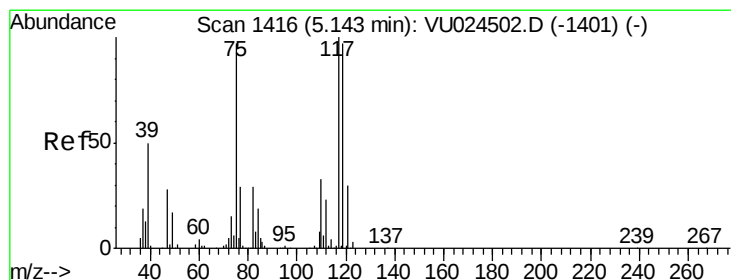
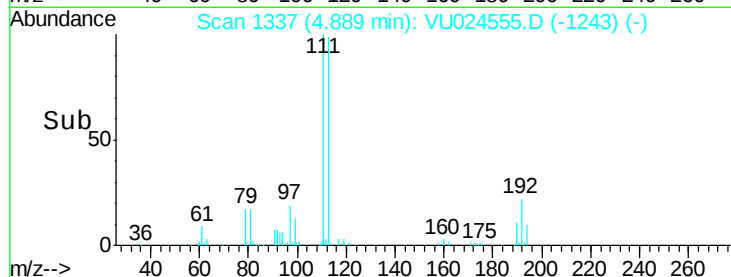
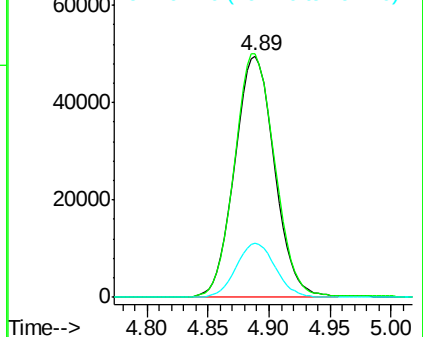
192 22.0 16.2 24.4



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: 46.529 ug/l

RT: 5.14 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

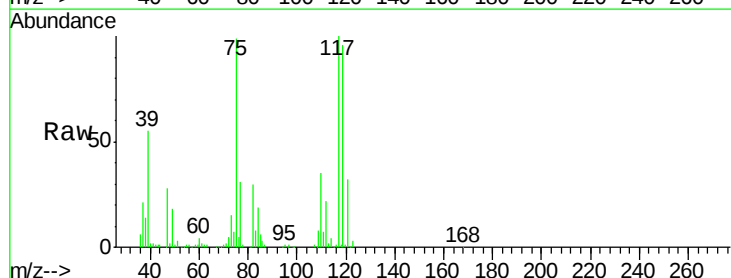
Tgt Ion: 75 Resp: 149904

Ion Ratio Lower Upper

75 100

110 36.6 17.0 50.9

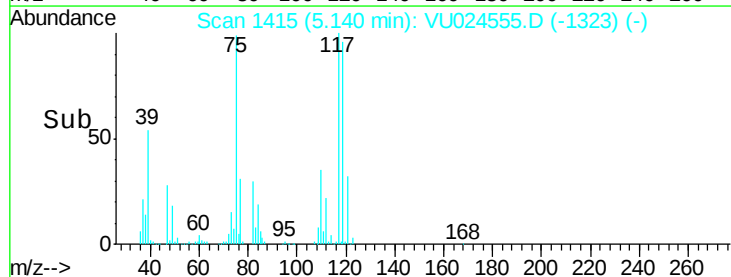
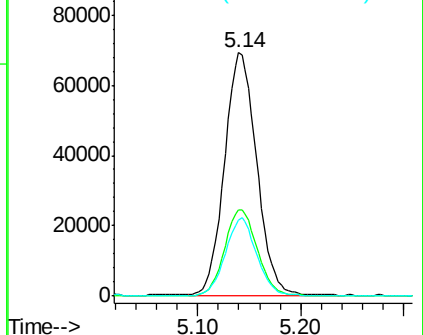
77 30.7 24.2 36.4

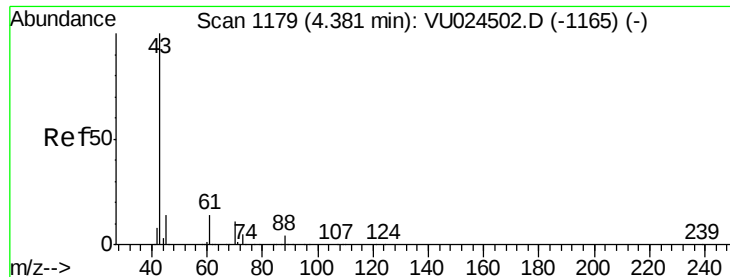


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

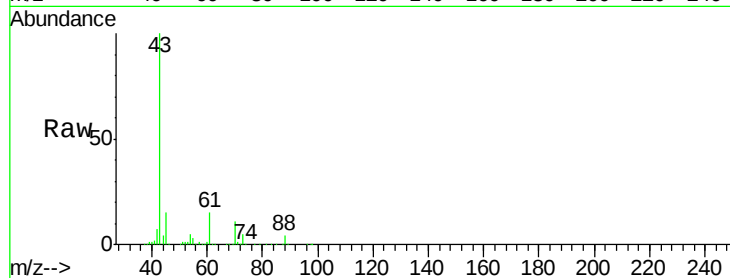




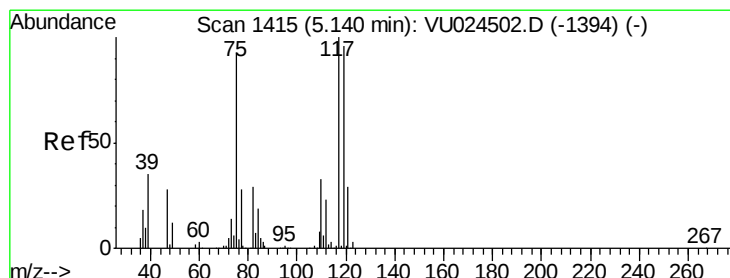
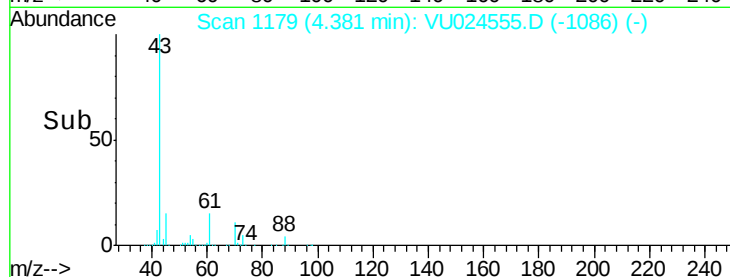
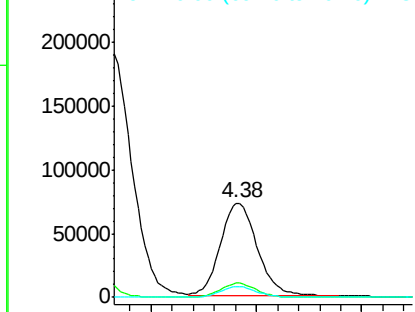
#37
Ethyl Acetate
Concen: 50.919 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU024555.D
Acq: 14 Jun 2018 21:08

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 178798
Ion Ratio Lower Upper
43 100
61 14.4 10.5 15.7
70 11.4 7.4 11.2#

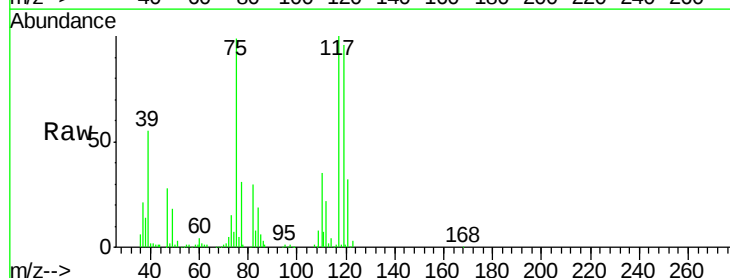


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

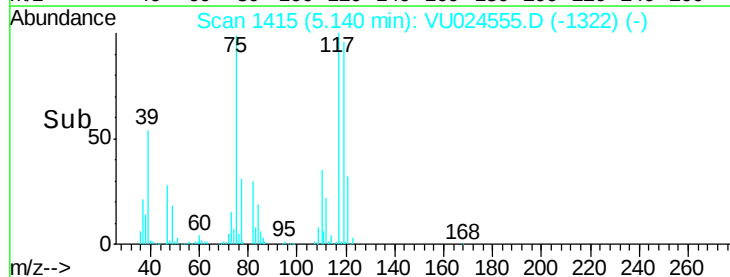
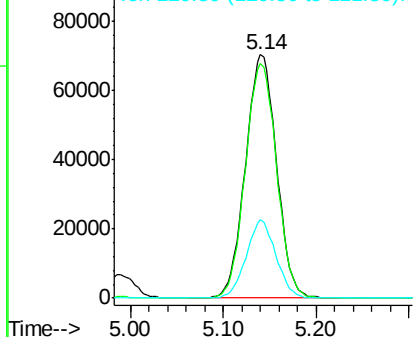


#38
Carbon Tetrachloride
Concen: 46.285 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU024555.D
Acq: 14 Jun 2018 21:08

Tgt Ion: 117 Resp: 163978
Ion Ratio Lower Upper
117 100
119 96.2 76.1 114.1
121 32.1 23.7 35.5



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

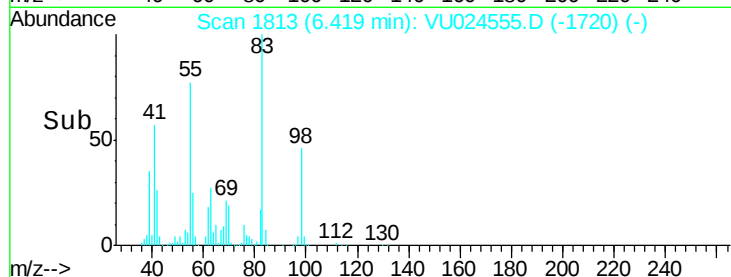
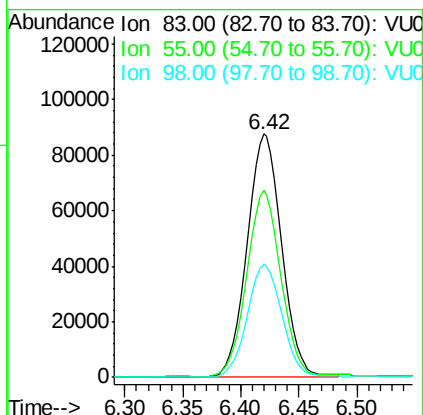
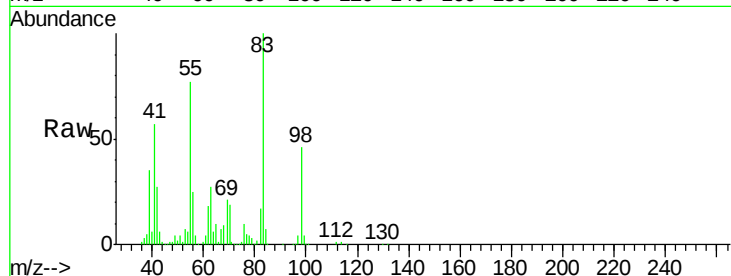




#39
Methvlcvclohexane
Concen: 45.377 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU024555.D
Acq: 14 Jun 2018 21:08

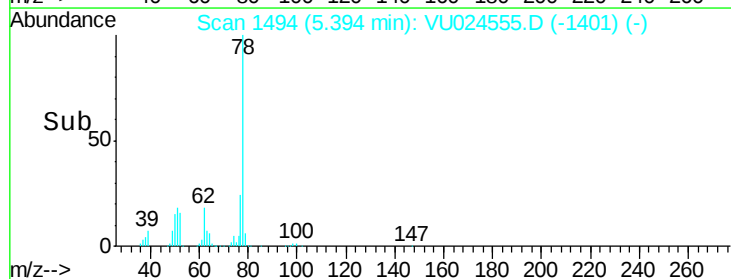
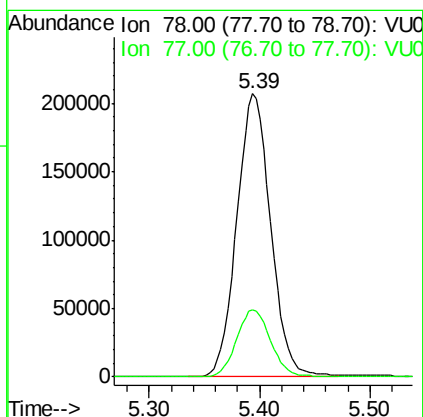
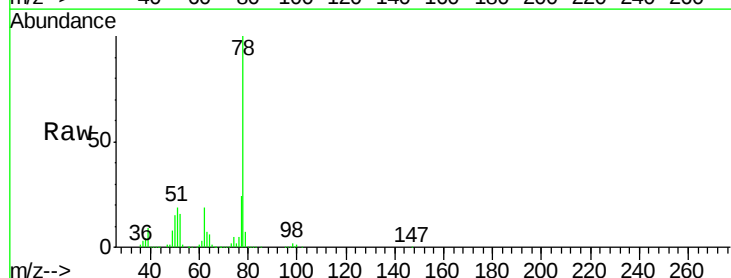
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 182434
Ion Ratio Lower Upper
83 100
55 76.6 65.8 98.6
98 46.2 36.7 55.1



#40
Benzene
Concen: 48.012 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU024555.D
Acq: 14 Jun 2018 21:08

Tgt Ion: 78 Resp: 440754
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8

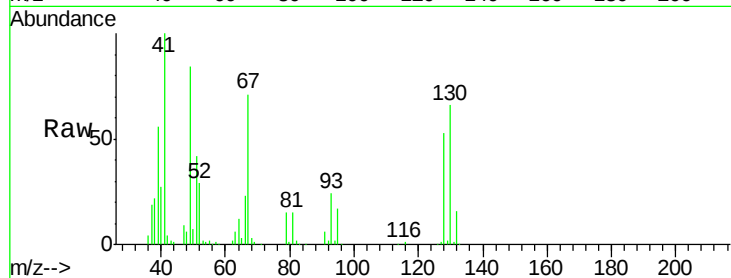




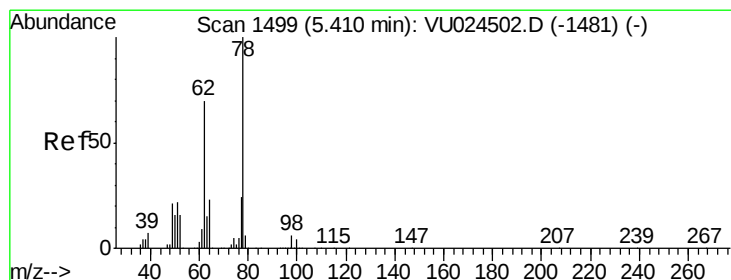
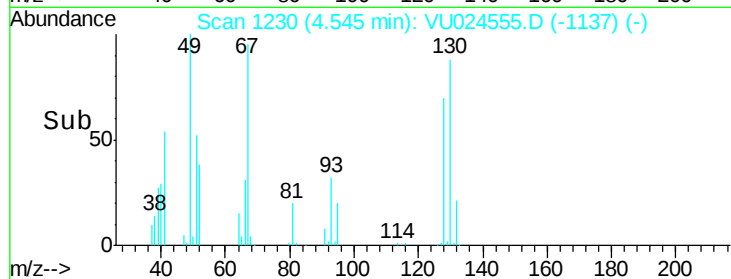
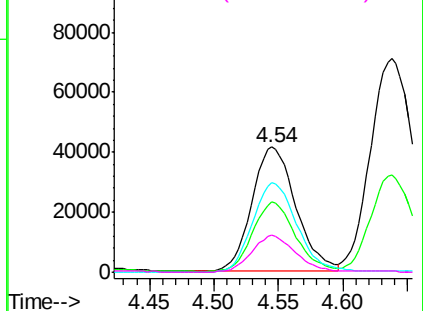
#41
Methacrylonitrile
Concen: 52.275 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VU024555.D
Acq: 14 Jun 2018 21:08

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	41	Resp:	98969
Ion	Ratio	Lower	Upper
41	100		
39	54.5	43.8	65.6
67	72.1	56.3	84.5
52	30.0	23.2	34.8

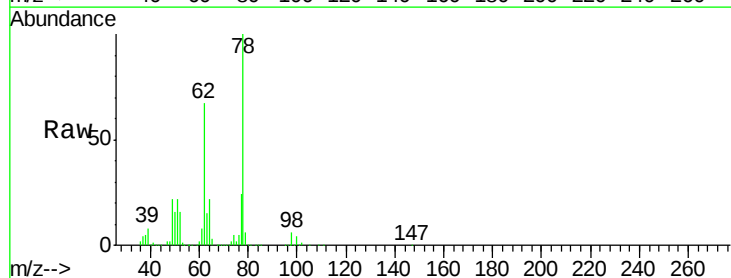


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

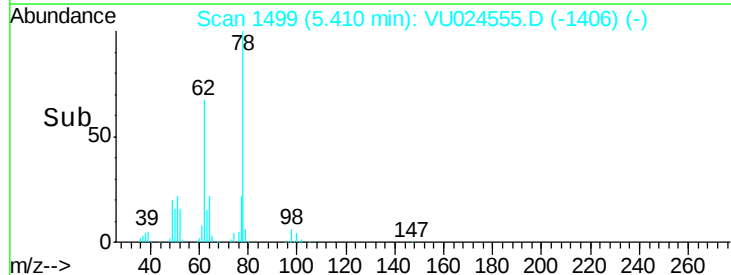
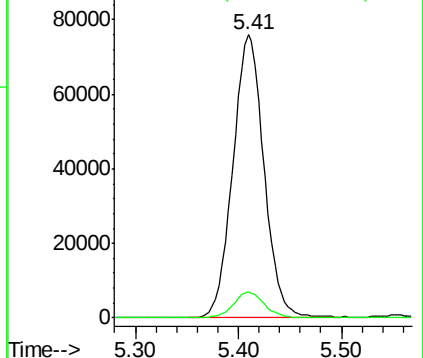


#42
1,2-Dichloroethane
Concen: 45.645 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VU024555.D
Acq: 14 Jun 2018 21:08

Tgt Ion:	62	Resp:	159592
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VU0
Ion 97.90 (97.60 to 98.60): VU0

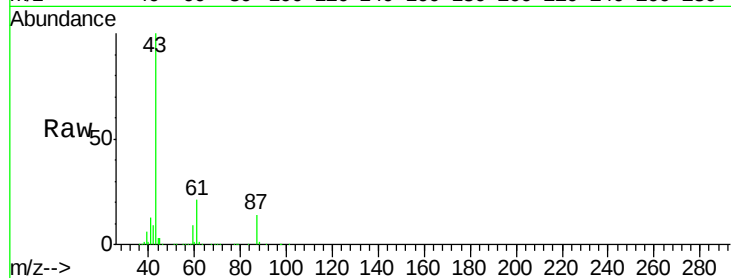




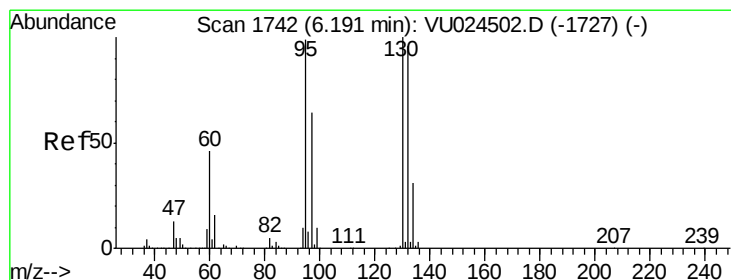
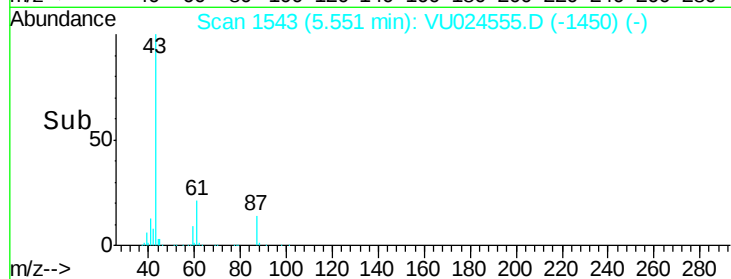
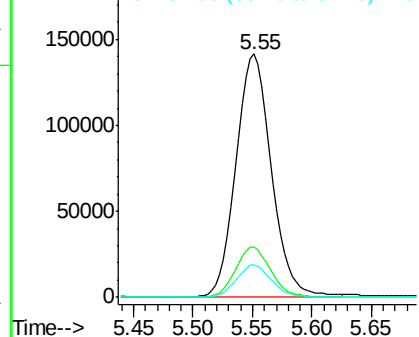
#43
Isopropyl Acetate
Concen: 47.774 ug/l
RT: 5.55 min Scan# 1543
Delta R.T. -0.00 min
Lab File: VU024555.D
Acq: 14 Jun 2018 21:08

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 289974
Ion Ratio Lower Upper
43 100
61 20.9 15.4 23.0
87 13.4 10.0 15.0

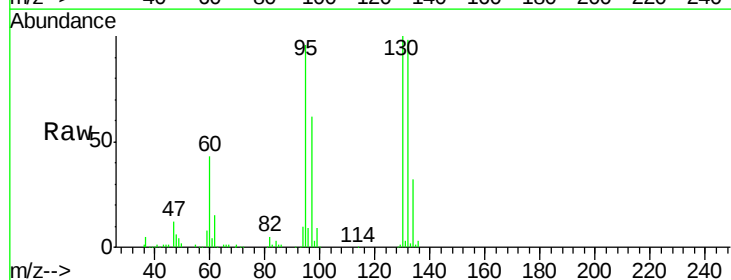


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

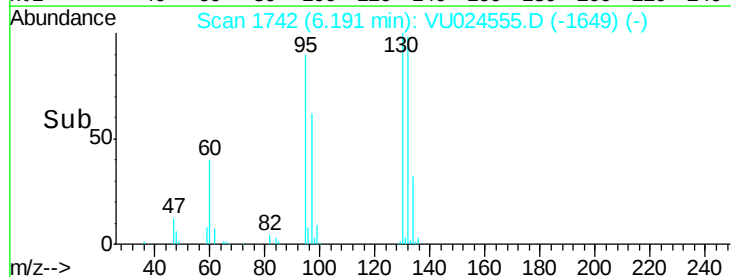
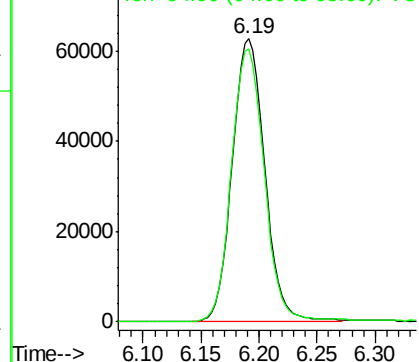


#44
Trichloroethene
Concen: 46.862 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VU024555.D
Acq: 14 Jun 2018 21:08

Tgt Ion: 130 Resp: 122434
Ion Ratio Lower Upper
130 100
95 96.1 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VU0

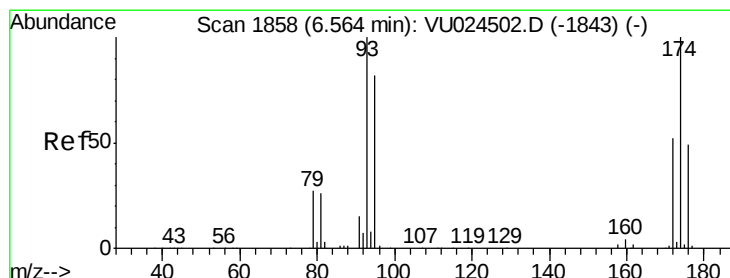
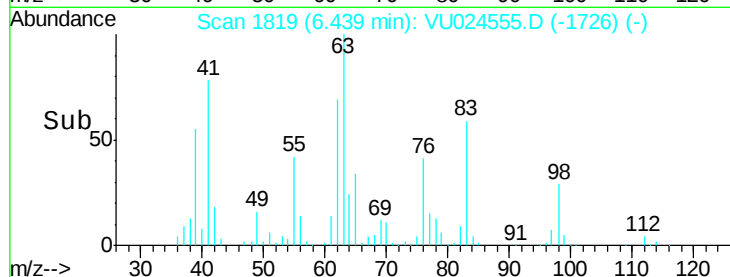
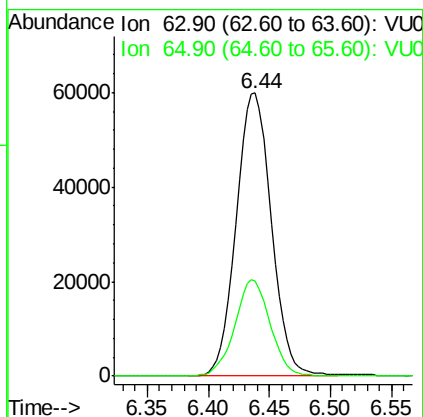
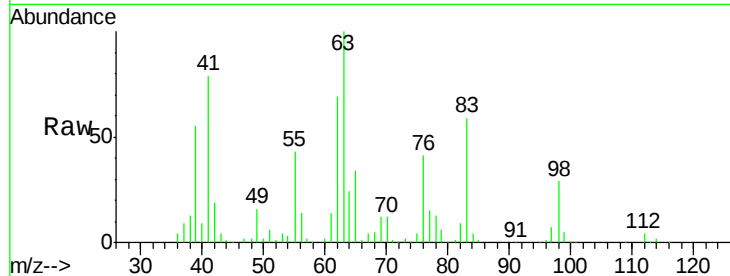




#45
 1,2-Dichloropropane
 Concen: 48.804 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VU024555.D
 Acq: 14 Jun 2018 21:08

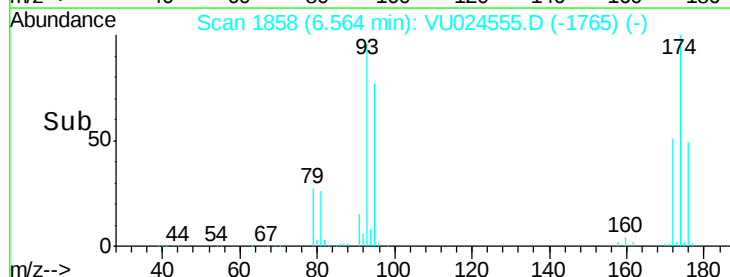
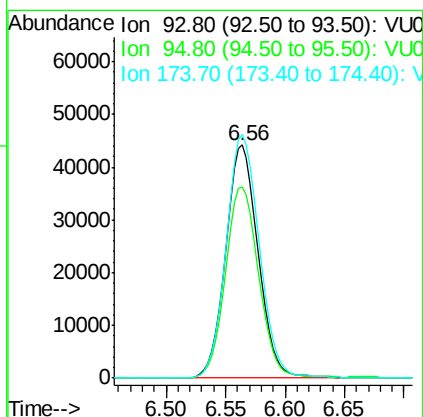
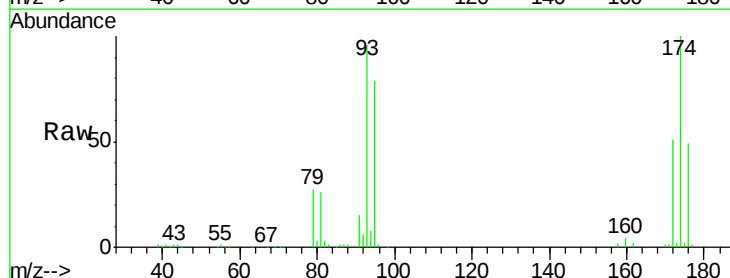
Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 63 Resp: 119544
 Ion Ratio Lower Upper
 63 100
 65 33.6 24.8 37.2



#46
 Dibromomethane
 Concen: 48.643 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VU024555.D
 Acq: 14 Jun 2018 21:08

Tgt Ion: 93 Resp: 83692
 Ion Ratio Lower Upper
 93 100
 95 84.2 65.5 98.3
 174 106.5 78.7 118.1





#47

Bromodichloromethane

Concen: 46.955 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

Instrument :
MSVOA_U
ClientSampled :

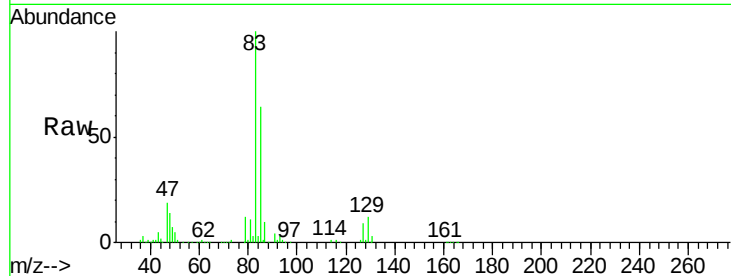
Tot Ion: 83 Resp: 160872

Ion Ratio Lower Upper

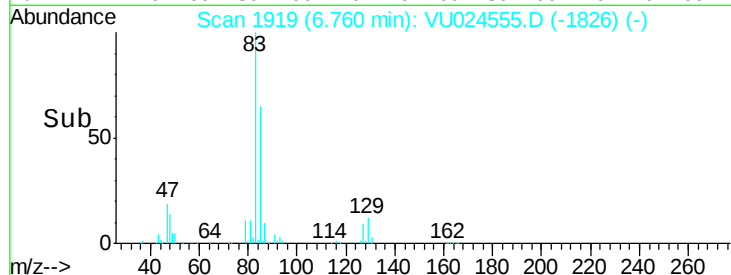
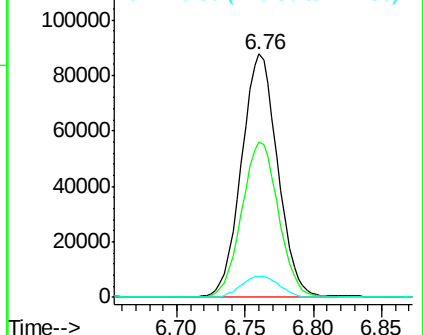
83 100

85 63.9 51.9 77.9

127 8.8 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: 47.543 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

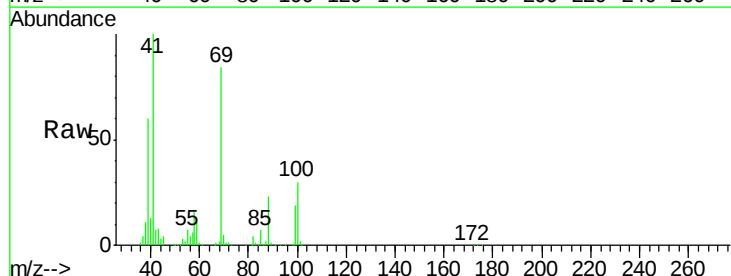
Tgt Ion: 41 Resp: 140517

Ion Ratio Lower Upper

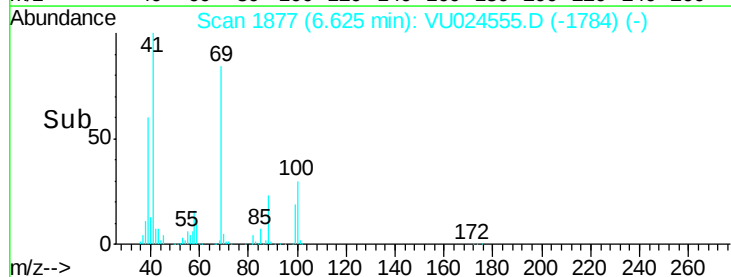
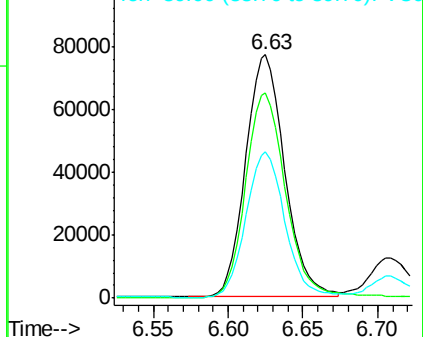
41 100

69 87.1 67.3 100.9

39 60.0 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

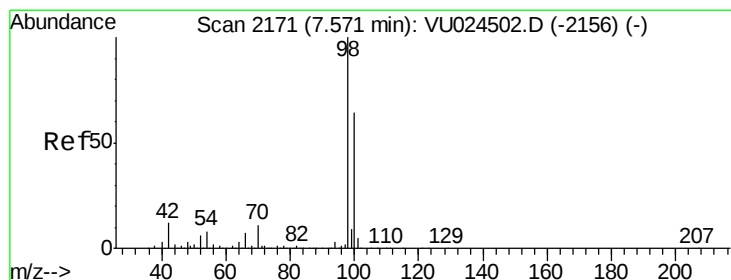
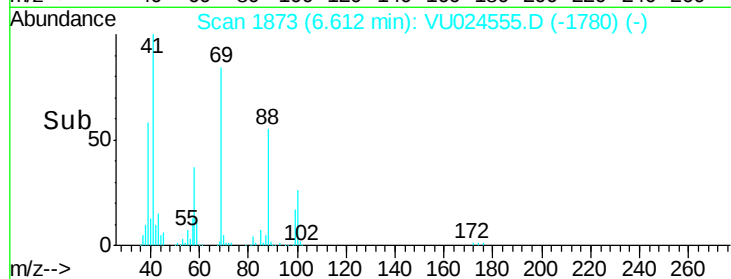
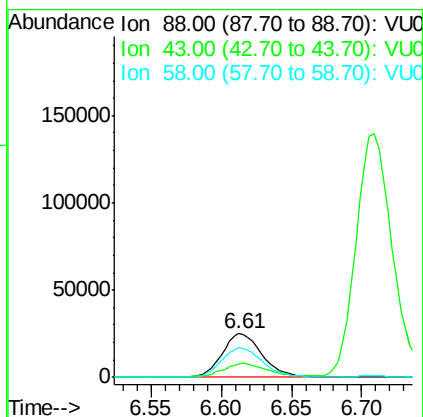
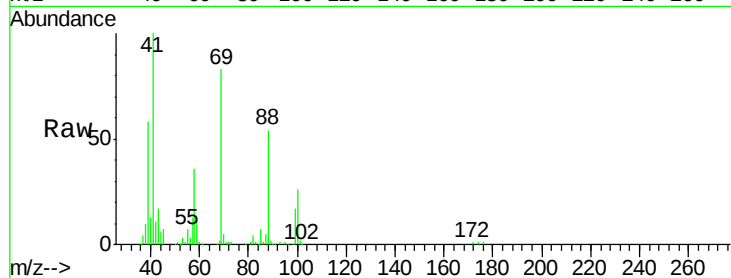




#49
 1,4-Dioxane
 Concen: 845.210 ug/l
 RT: 6.61 min Scan# 1873
 Delta R.T. -0.00 min
 Lab File: VU024555.D
 Acq: 14 Jun 2018 21:08

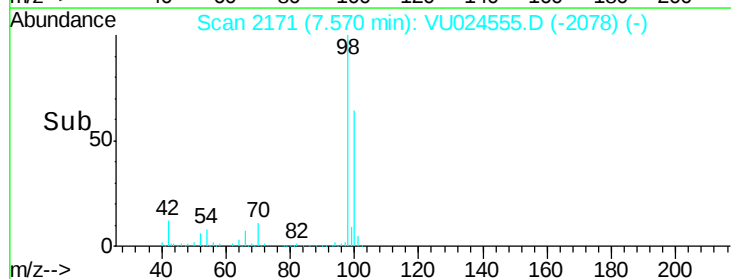
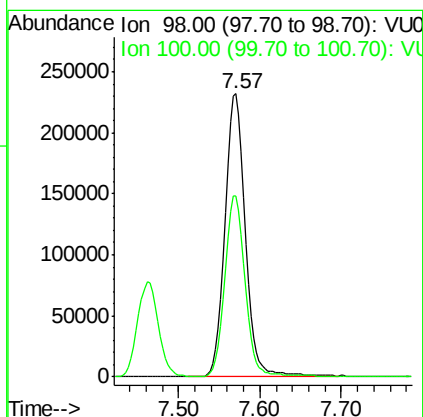
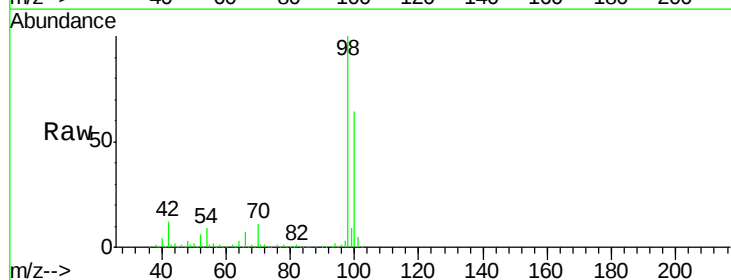
Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 88 Resp: 48853
 Ion Ratio Lower Upper
 88 100
 43 32.5 28.6 42.8
 58 70.8 58.2 87.4



#50
 Toluene-d8
 Concen: 49.894 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VU024555.D
 Acq: 14 Jun 2018 21:08

Tgt Ion: 98 Resp: 414104
 Ion Ratio Lower Upper
 98 100
 100 63.1 51.1 76.7

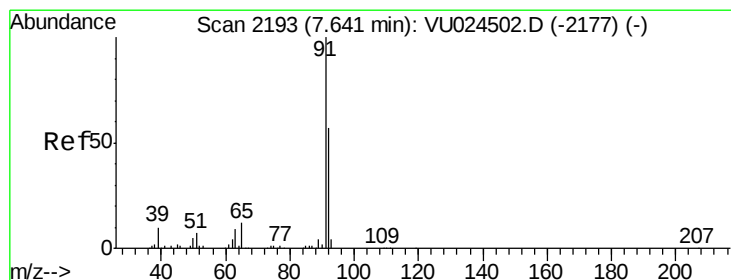
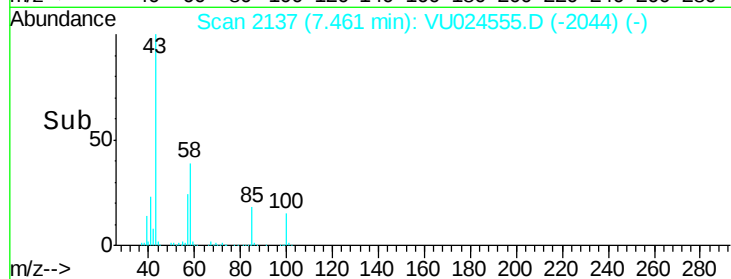
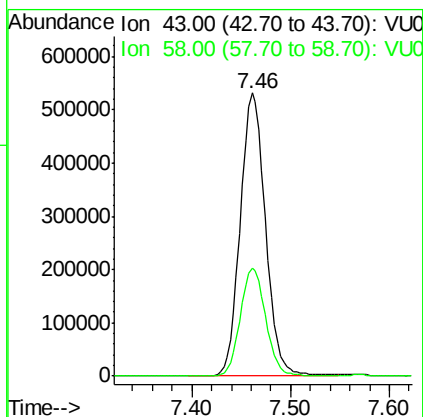
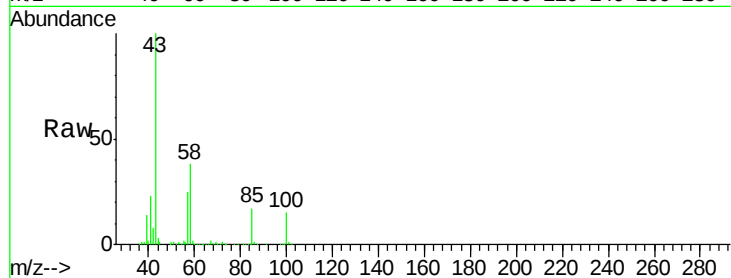




#51
 4-Methyl-2-Pentanone
 Concen: 246.357 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU024555.D
 Acq: 14 Jun 2018 21:08

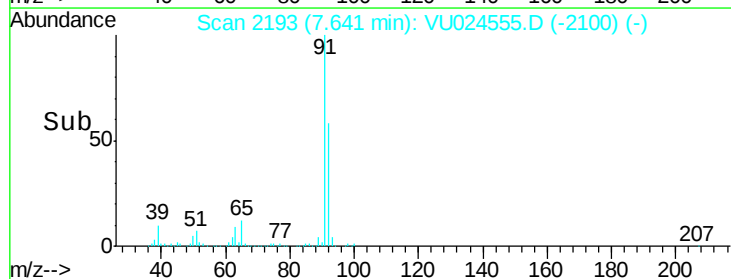
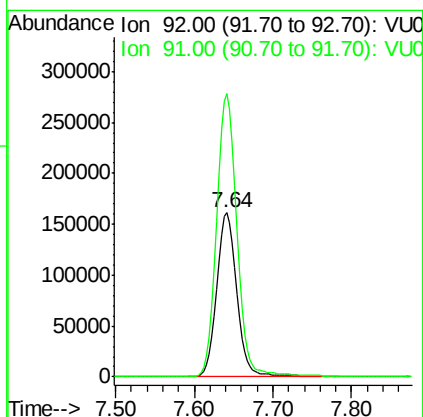
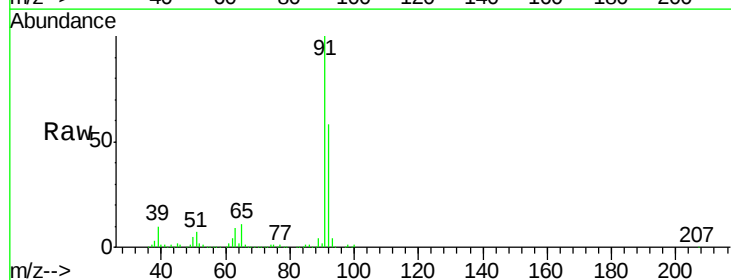
Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 43 Resp: 939427
 Ion Ratio Lower Upper
 43 100
 58 38.5 30.0 45.0



#52
 Toluene
 Concen: 48.291 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VU024555.D
 Acq: 14 Jun 2018 21:08

Tgt Ion: 92 Resp: 285214
 Ion Ratio Lower Upper
 92 100
 91 174.7 140.5 210.7

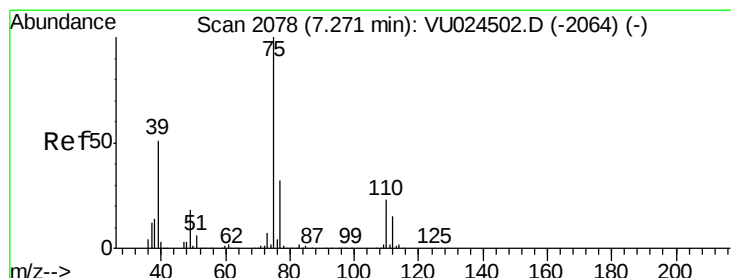
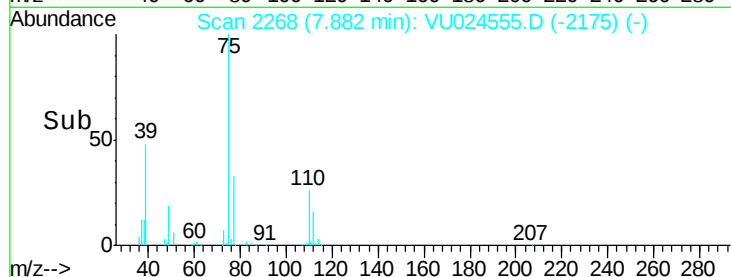
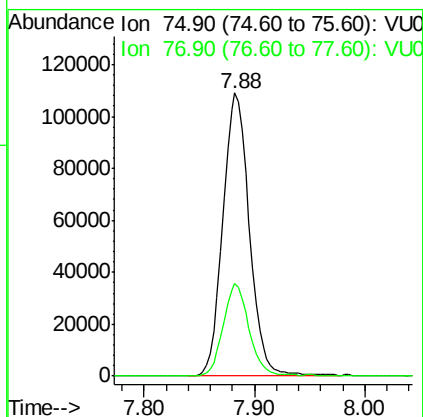
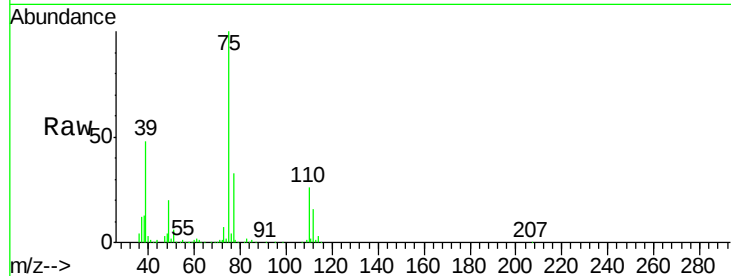




#53
t-1,3-Dichloropropene
Concen: 47.421 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VU024555.D
Acq: 14 Jun 2018 21:08

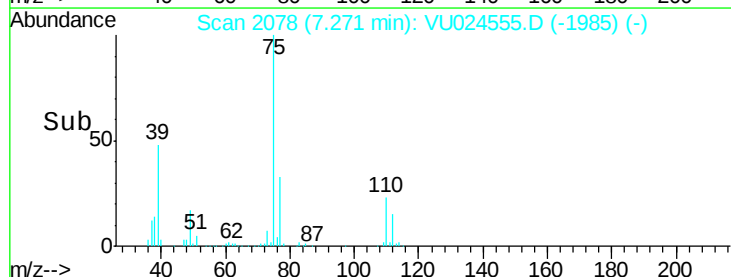
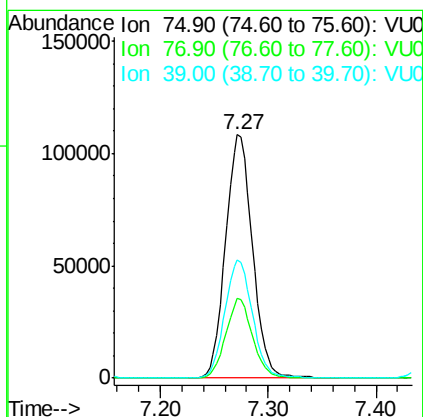
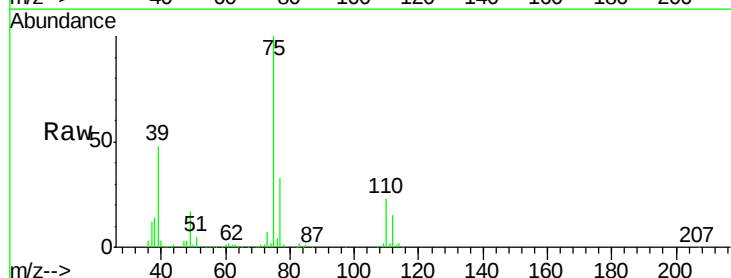
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 182452
Ion Ratio Lower Upper
75 100
77 32.7 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 46.151 ug/l
RT: 7.27 min Scan# 2078
Delta R.T. -0.00 min
Lab File: VU024555.D
Acq: 14 Jun 2018 21:08

Tgt Ion: 75 Resp: 189206
Ion Ratio Lower Upper
75 100
77 32.7 24.6 36.8
39 48.2 39.8 59.6

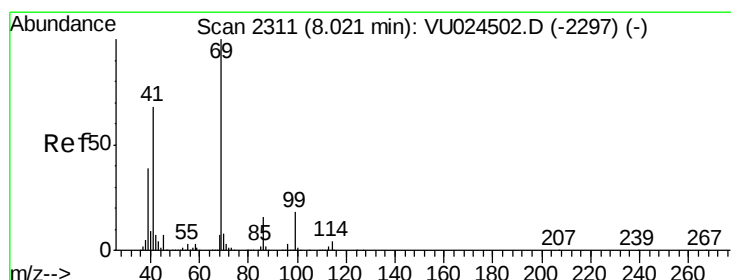
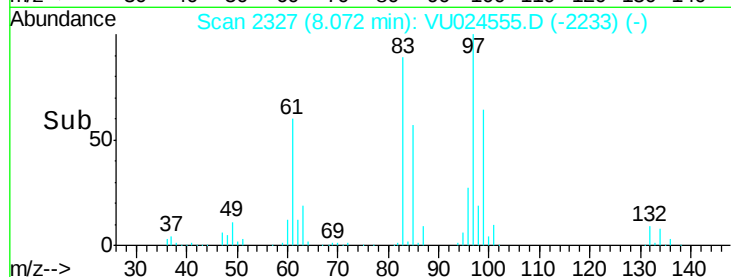
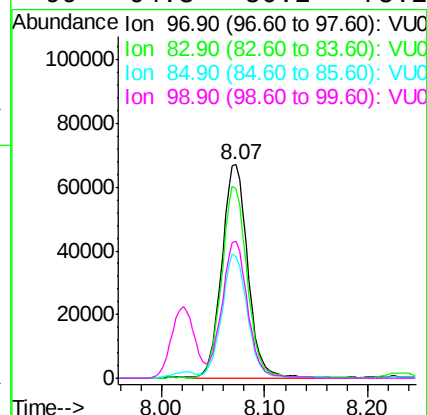
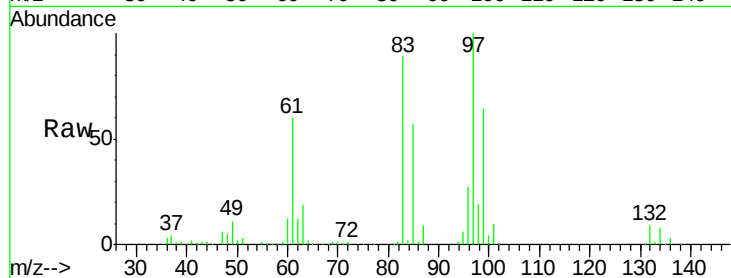




#55
 1,1,2-Trichloroethane
 Concen: 48.396 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU024555.D
 Acq: 14 Jun 2018 21:08

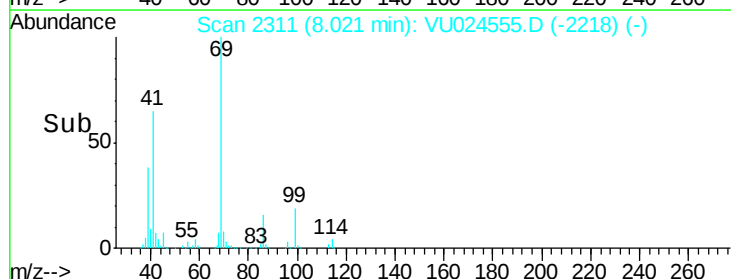
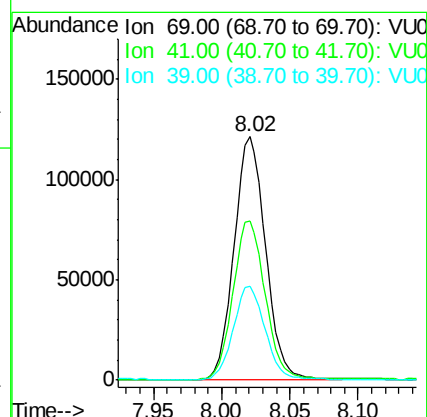
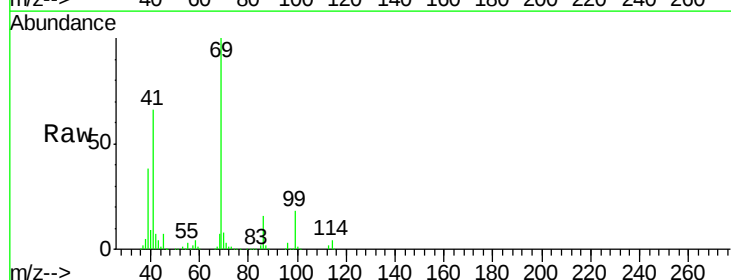
Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:	97	Resp:	116189
Ion	Ratio	Lower	Upper
97	100		
83	88.8	70.5	105.7
85	57.1	46.4	69.6
99	64.3	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 48.466 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU024555.D
 Acq: 14 Jun 2018 21:08

Tgt Ion:	69	Resp:	194750
Ion	Ratio	Lower	Upper
69	100		
41	66.9	54.1	81.1
39	38.4	30.3	45.5

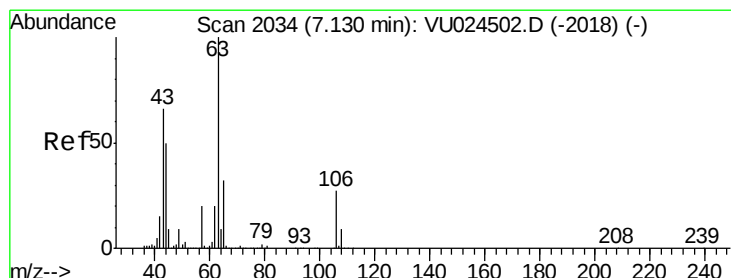
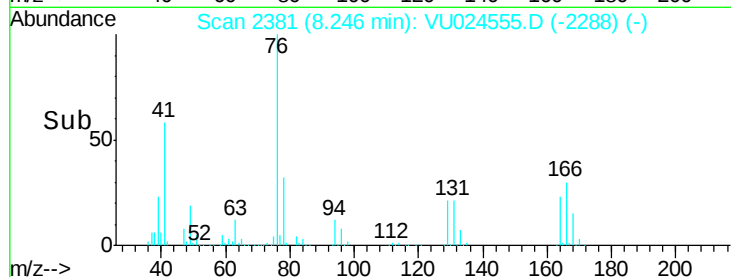
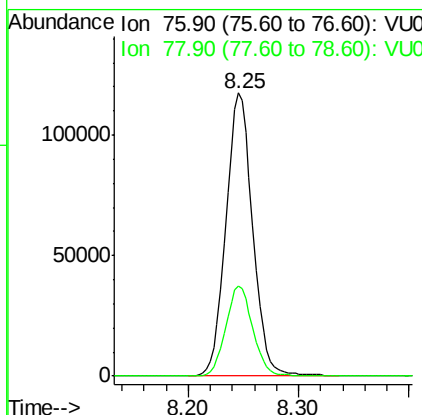
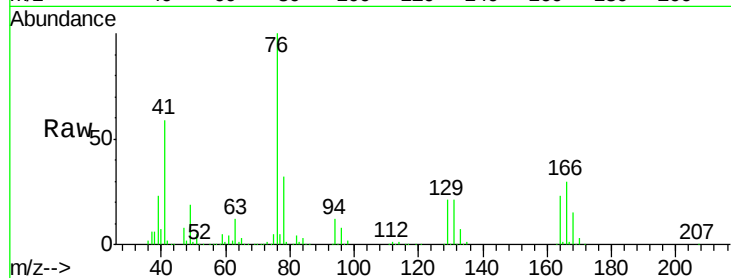




#57
 1,3-Dichloropropane
 Concen: 48.820 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU024555.D
 Acq: 14 Jun 2018 21:08

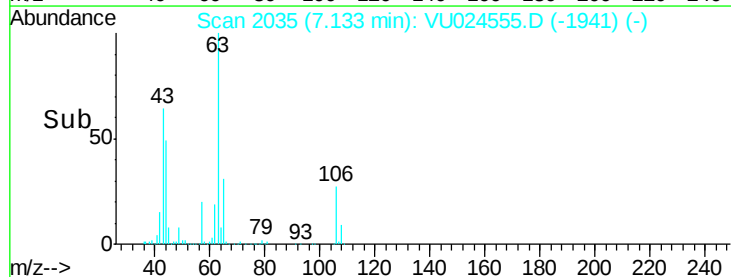
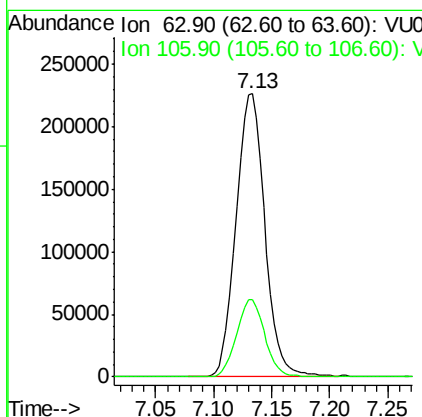
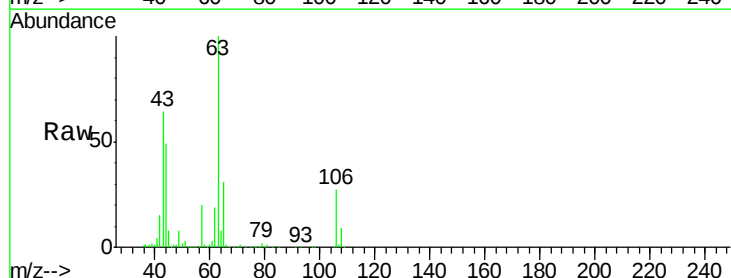
Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 76 Resp: 197719
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 253.145 ug/l
 RT: 7.13 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VU024555.D
 Acq: 14 Jun 2018 21:08

Tgt Ion: 63 Resp: 389699
 Ion Ratio Lower Upper
 63 100
 106 26.8 20.2 30.2

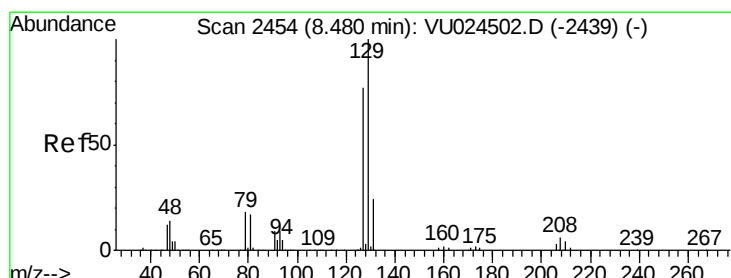
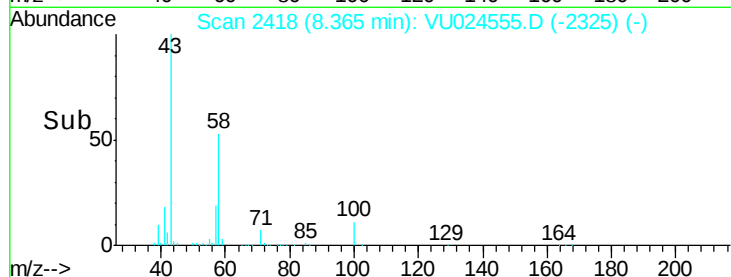
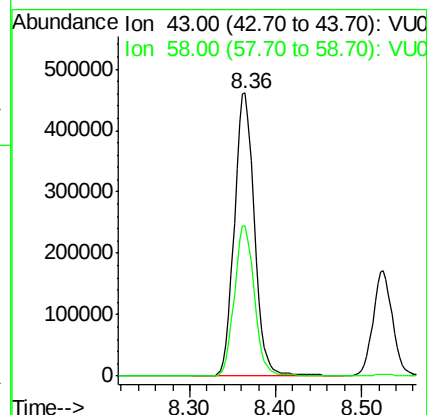
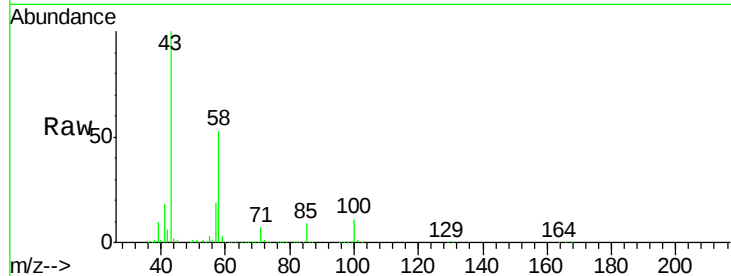




#59
2-Hexanone
Concen: 239.327 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. -0.00 min
Lab File: VU024555.D
Acq: 14 Jun 2018 21:08

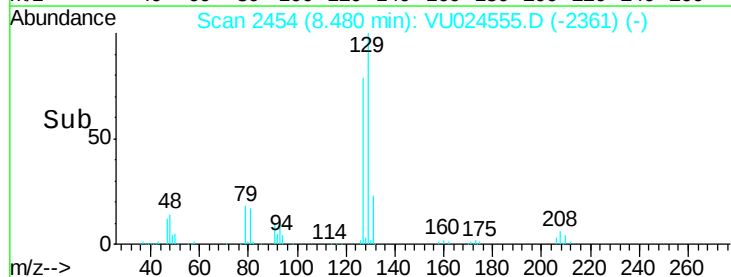
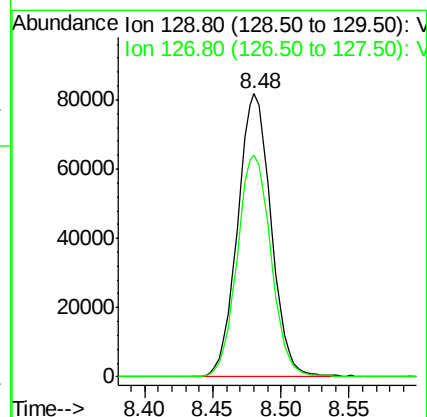
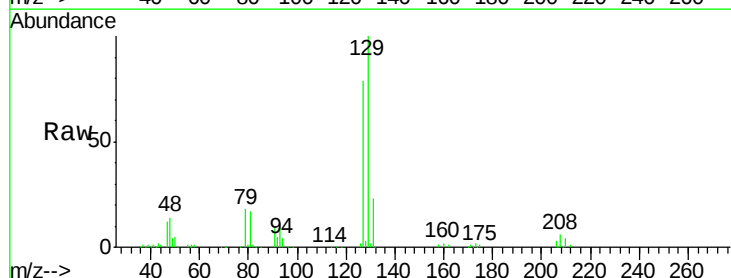
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 745067
Ion Ratio Lower Upper
43 100
58 53.5 26.4 79.0



#60
Dibromochloromethane
Concen: 46.531 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU024555.D
Acq: 14 Jun 2018 21:08

Tgt Ion: 129 Resp: 139305
Ion Ratio Lower Upper
129 100
127 79.3 38.6 116.0

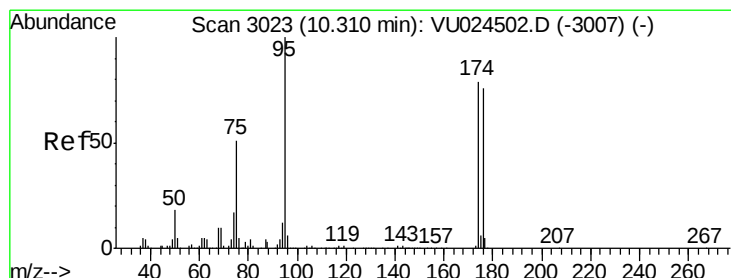
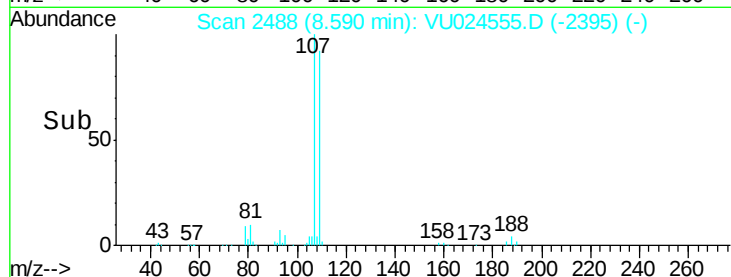
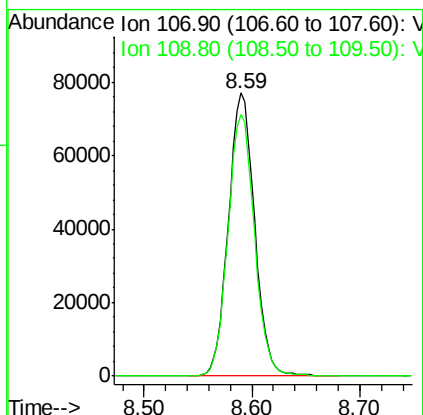
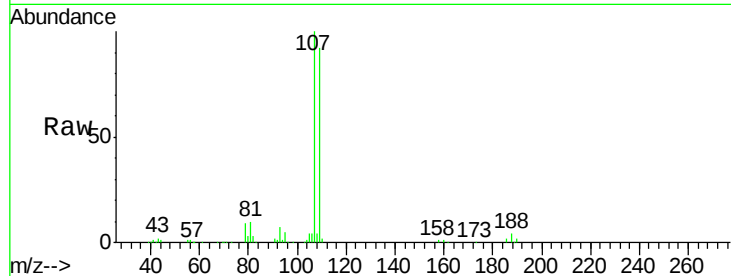




#61
 1,2-Dibromoethane
 Concen: 48.795 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: VU024555.D
 Acq: 14 Jun 2018 21:08

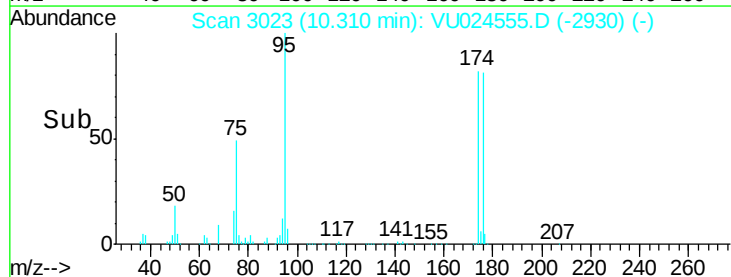
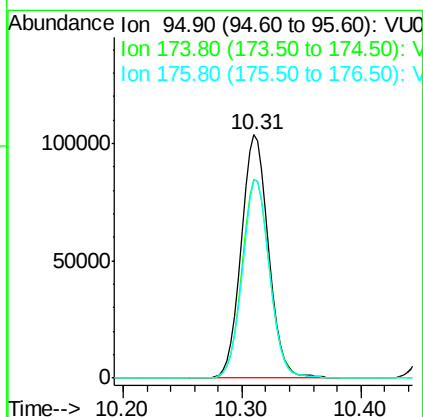
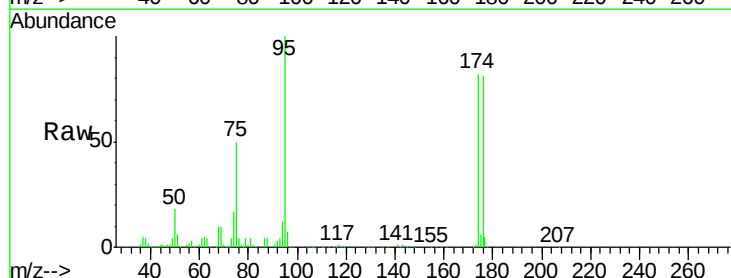
Instrument :
 MSVOA_U
 ClientSampleId :

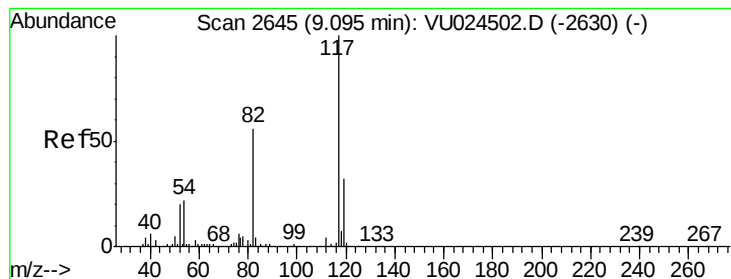
Tot Ion:107 Resp: 130388
 Ion Ratio Lower Upper
 107 100
 109 92.9 74.5 111.7



#62
 4-Bromofluorobenzene
 Concen: 50.003 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.00 min
 Lab File: VU024555.D
 Acq: 14 Jun 2018 21:08

Tgt Ion: 95 Resp: 164777
 Ion Ratio Lower Upper
 95 100
 174 82.7 0.0 165.8
 176 81.1 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: VU024555.D

Acq: 14 Jun 2018 21:08

Instrument :
MSVOA_U
ClientSampleId :

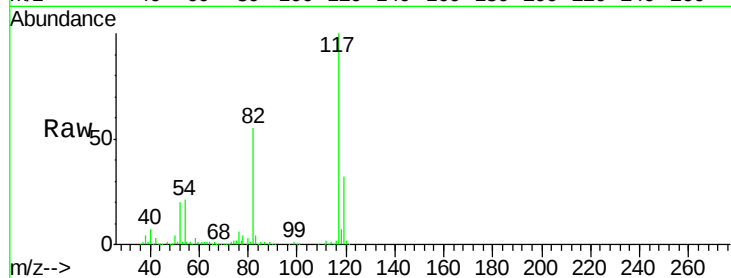
Tot Ion:117 Resp: 263183

Ion Ratio Lower Upper

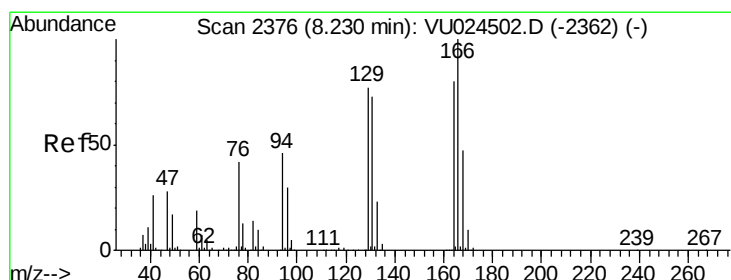
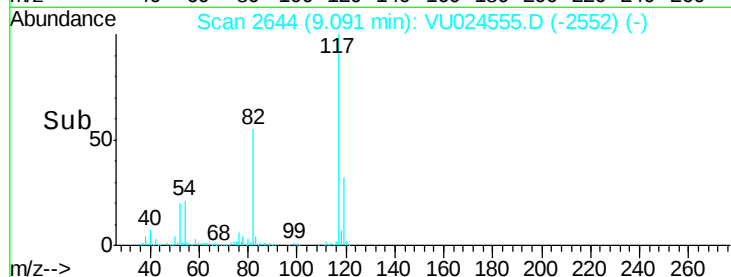
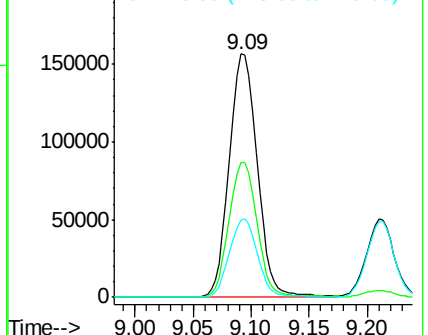
117 100

82 55.3 44.3 66.5

119 31.8 25.4 38.2



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



#64

Tetrachloroethene

Concen: 44.036 ug/l

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

Tgt Ion:164 Resp: 110164

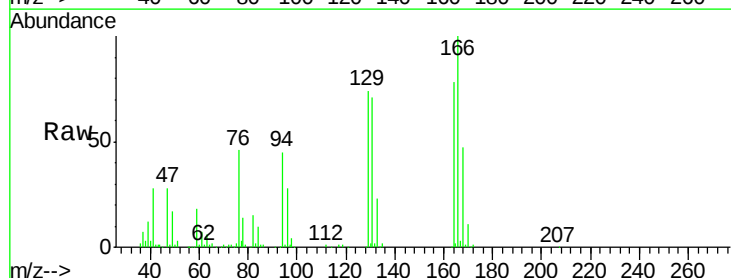
Ion Ratio Lower Upper

164 100

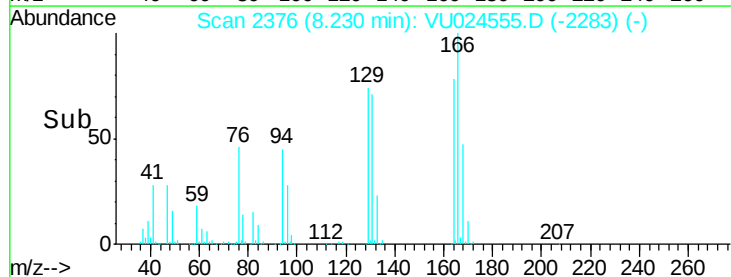
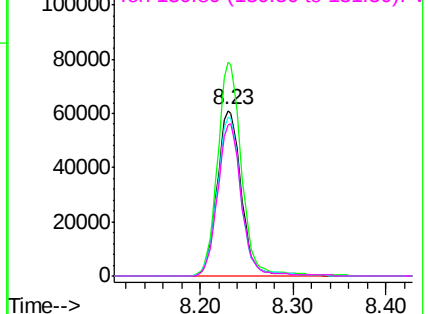
166 129.0 101.7 152.5

129 95.6 76.9 115.3

131 91.5 74.9 112.3



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





#65

Chlorobenzene

Concen: 48.273 ug/l

RT: 9.12 min Scan# 2653

Delta R.T. -0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

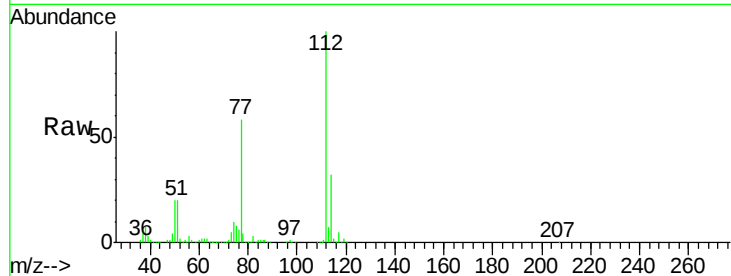
Instrument :
MSVOA_U
ClientSampled :

Tot Ion:112 Resp: 324554

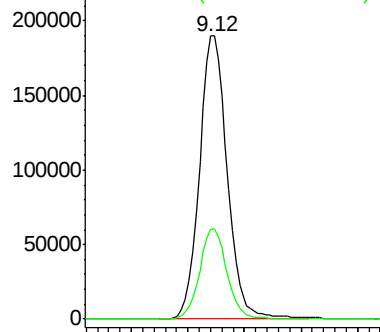
Ion Ratio Lower Upper

112 100

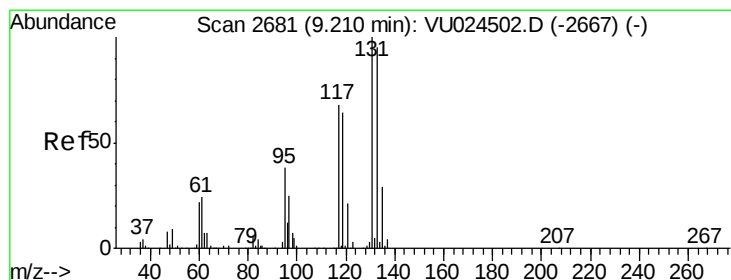
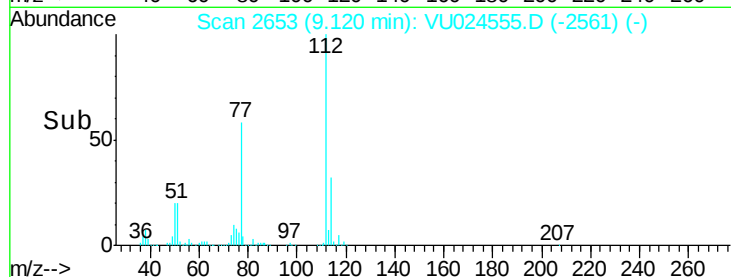
114 31.6 25.6 38.4



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



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 47.490 ug/l

RT: 9.21 min Scan# 2682

Delta R.T. 0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

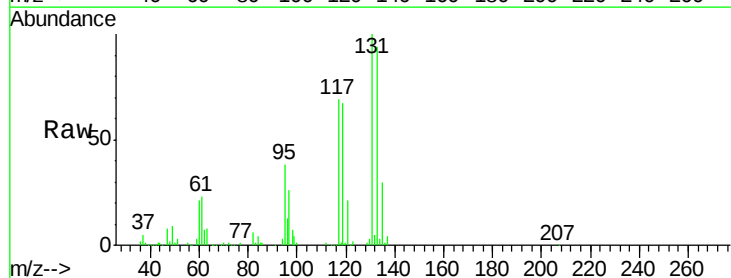
Tgt Ion:131 Resp: 121305

Ion Ratio Lower Upper

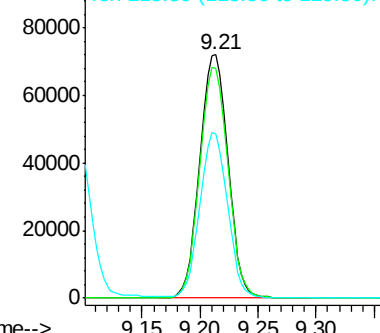
131 100

133 95.0 46.9 140.8

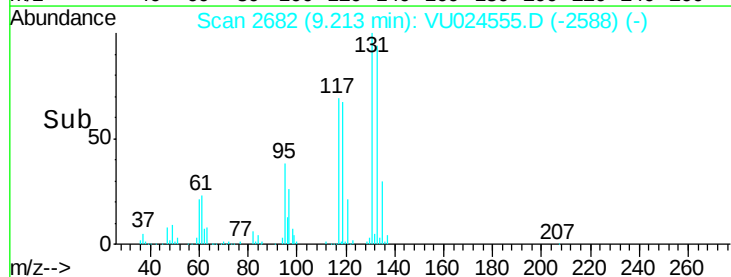
119 65.9 33.5 100.4

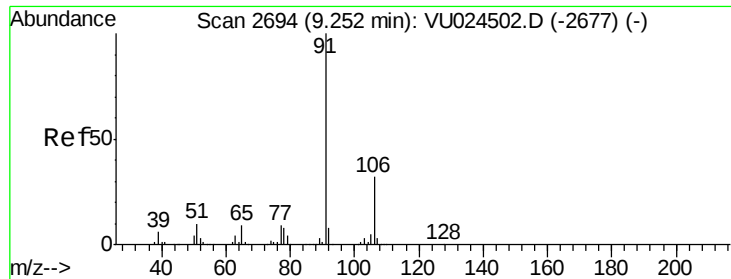


Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V



Time-->





#67

Ethyl Benzene

Concen: 47.391 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

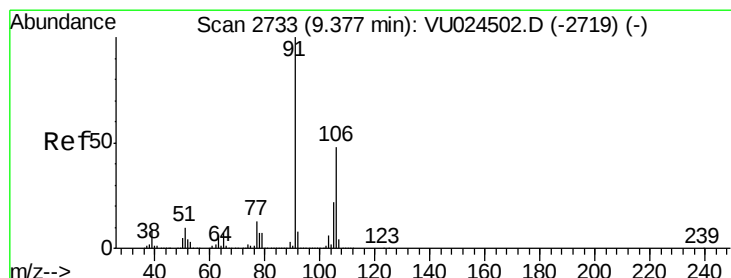
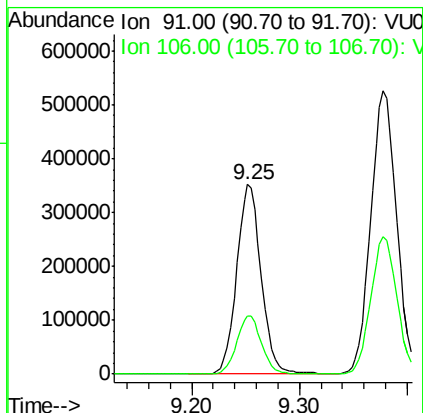
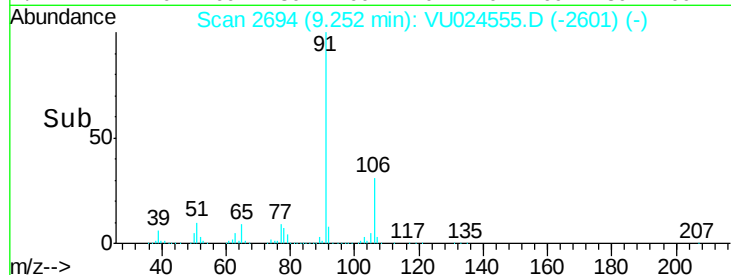
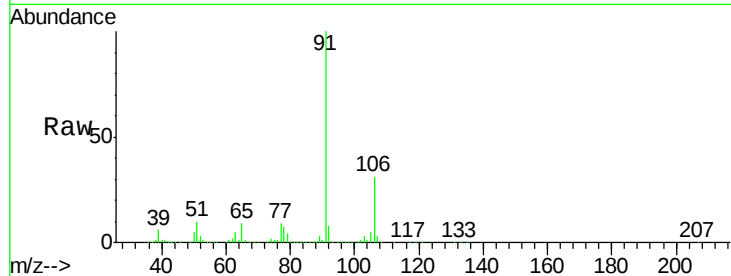
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 91 Resp: 558577

Ion Ratio Lower Upper

91 100

106 30.8 24.2 36.4



#68

m/p-Xylenes

Concen: 95.647 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU024555.D

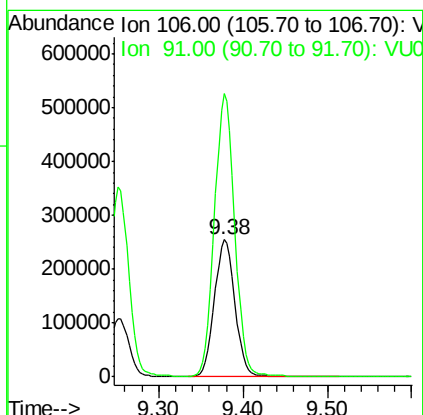
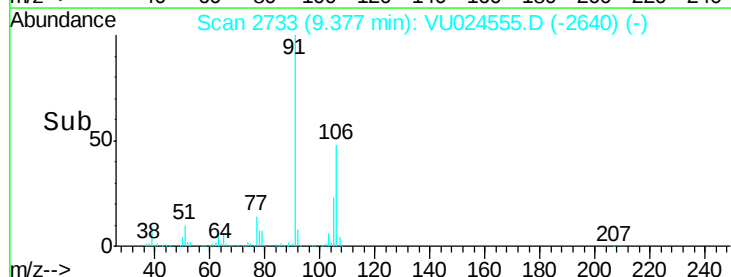
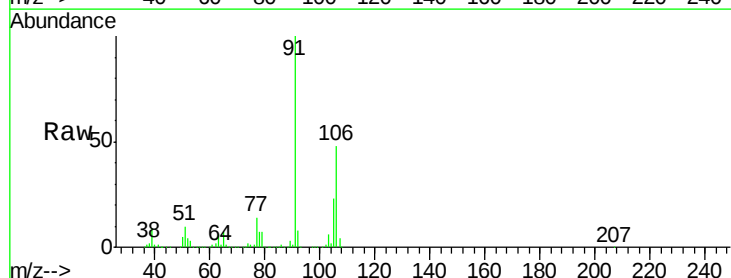
Acq: 14 Jun 2018 21:08

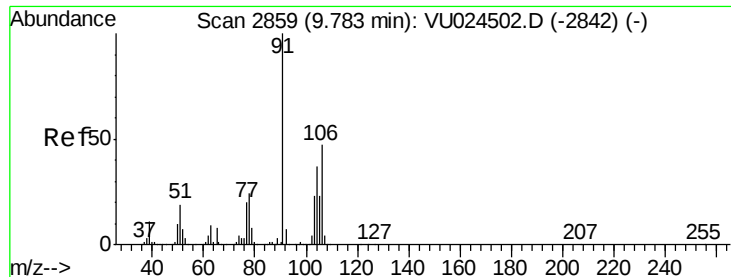
Tgt Ion: 106 Resp: 432901

Ion Ratio Lower Upper

106 100

91 203.4 166.5 249.7

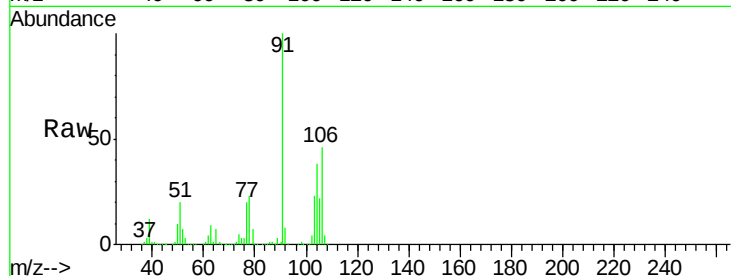




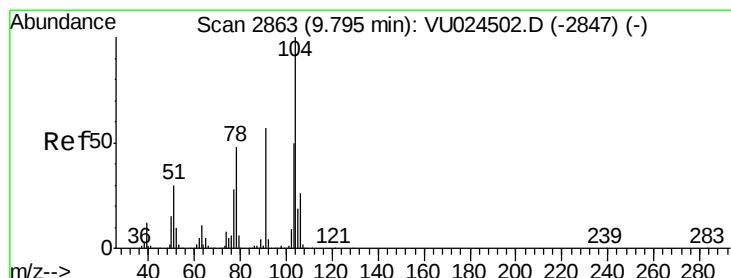
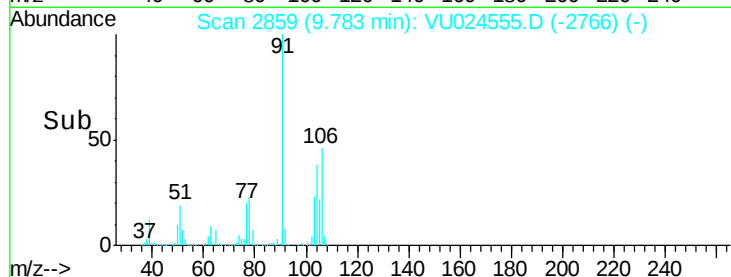
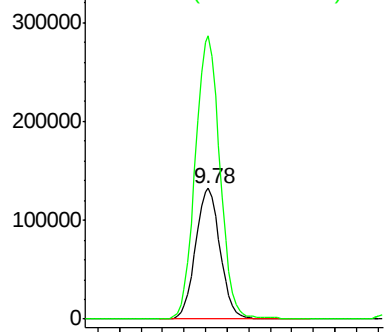
#69
o-Xylene
Concen: 47.076 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024555.D
Acq: 14 Jun 2018 21:08

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:106 Resp: 210864
Ion Ratio Lower Upper
106 100
91 216.4 110.7 331.9

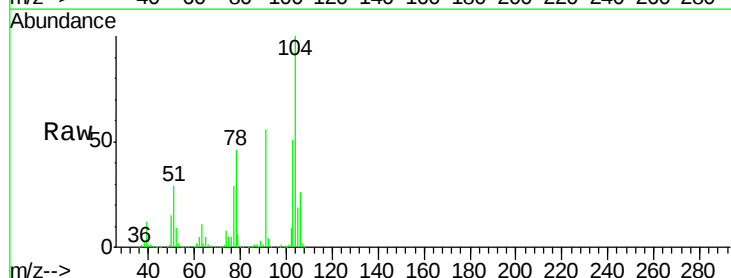


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

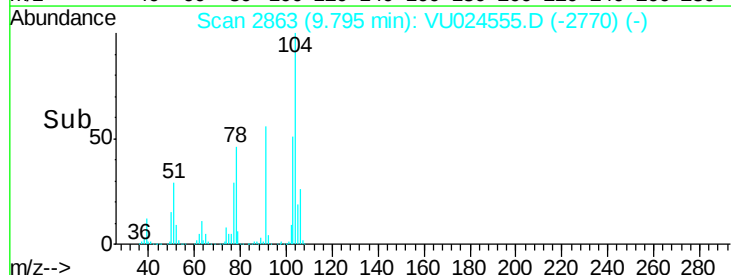
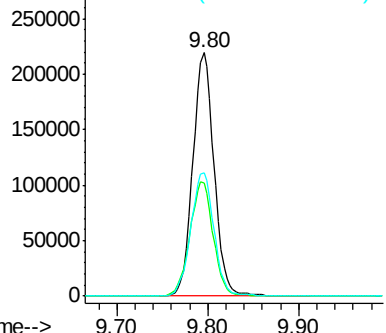


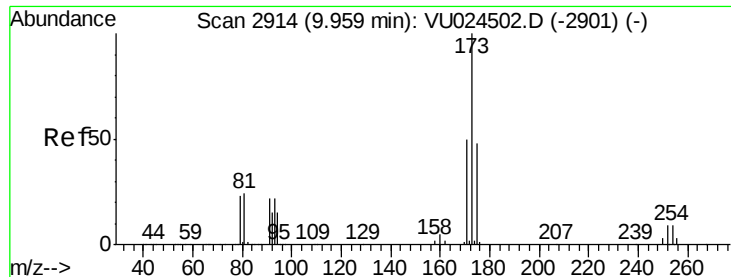
#70
Styrene
Concen: 48.425 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU024555.D
Acq: 14 Jun 2018 21:08

Tgt Ion:104 Resp: 356450
Ion Ratio Lower Upper
104 100
78 51.5 40.6 60.8
103 55.4 44.7 67.1



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





#71

Bromoform

Concen: 47.381 ug/l

RT: 9.96 min Scan# 2914

Delta R.T. -0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

Instrument :
MSVOA_U
ClientSampleId :

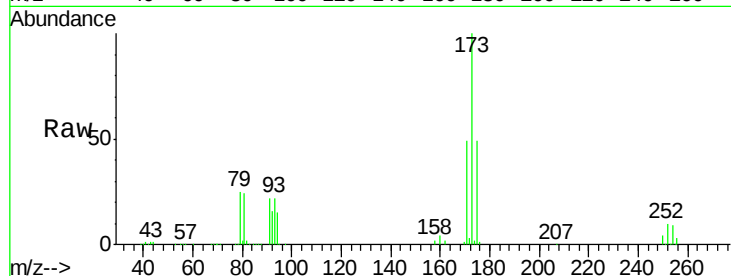
Tot Ion:173 Resp: 115036

Ion Ratio Lower Upper

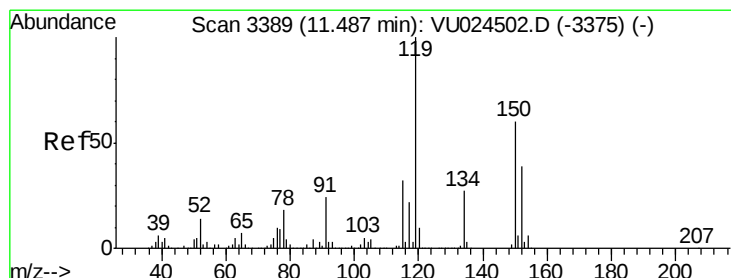
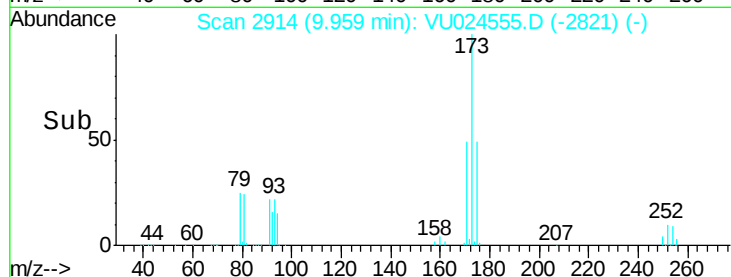
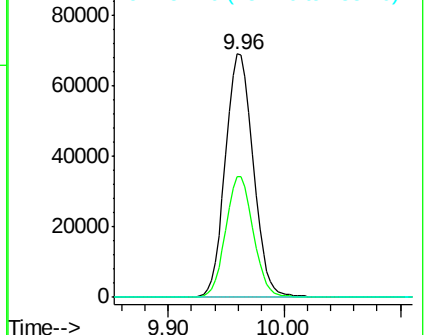
173 100

175 48.9 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: VU024555.D

Acq: 14 Jun 2018 21:08

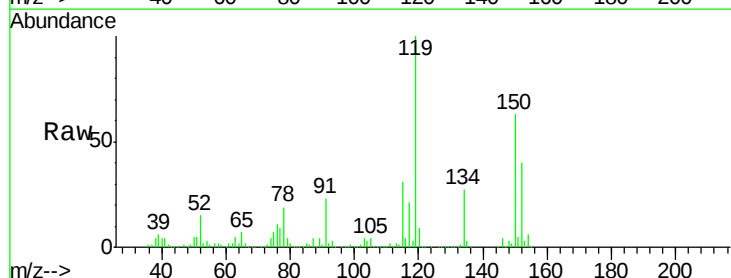
Tgt Ion:152 Resp: 159189

Ion Ratio Lower Upper

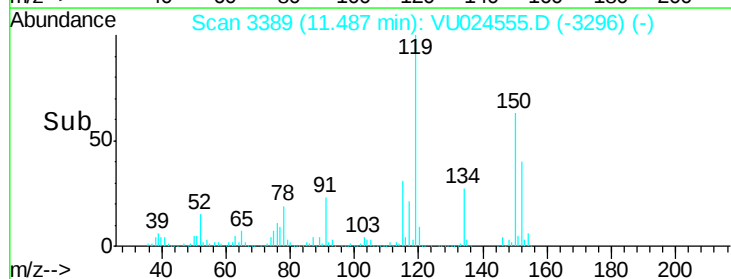
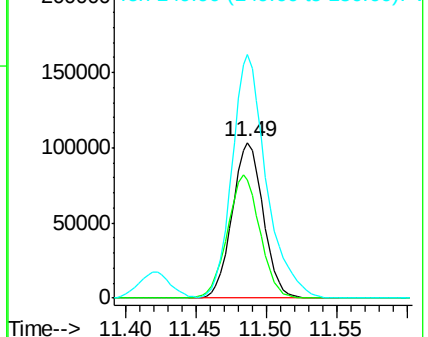
152 100

115 82.4 43.0 129.0

150 172.9 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: 45.990 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

Instrument :

MSVOA_U

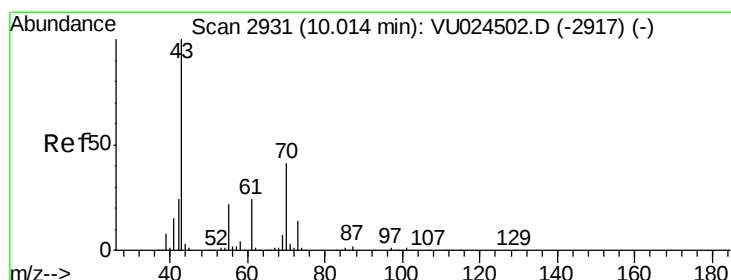
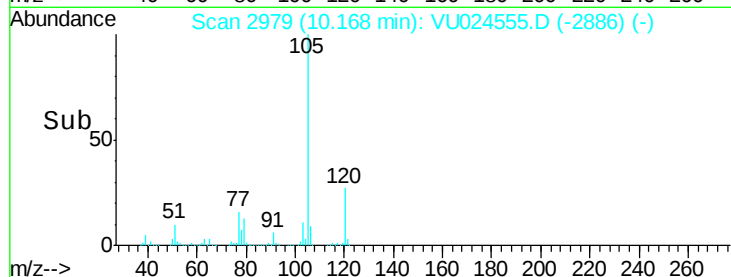
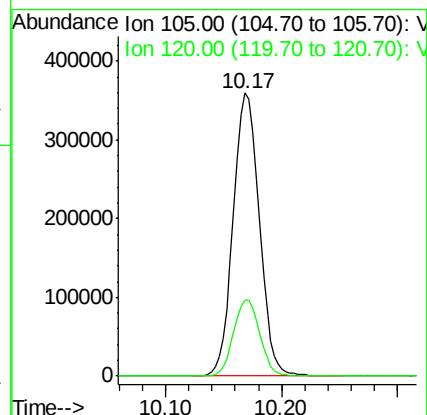
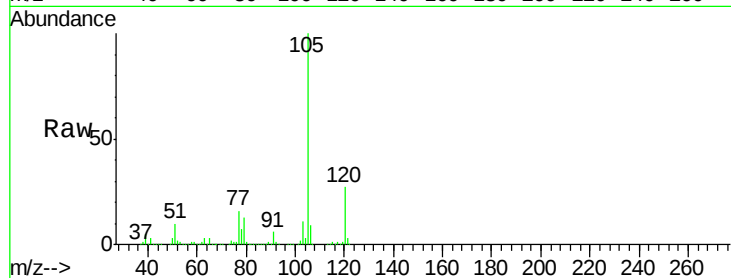
ClientSampleId :

Tot Ion:105 Resp: 562087

Ion Ratio Lower Upper

105 100

120 27.2 13.2 39.6



#74

N-ethyl acetate

Concen: 48.436 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

Tgt Ion: 43 Resp: 281575

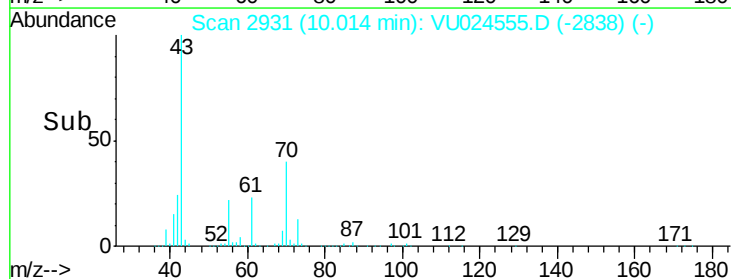
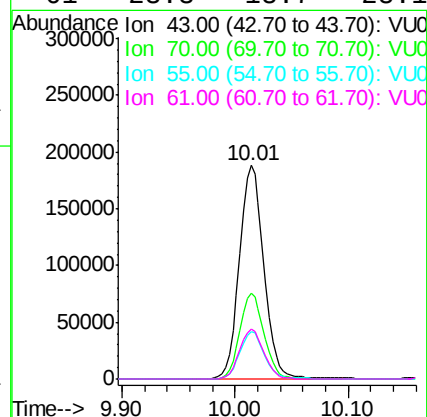
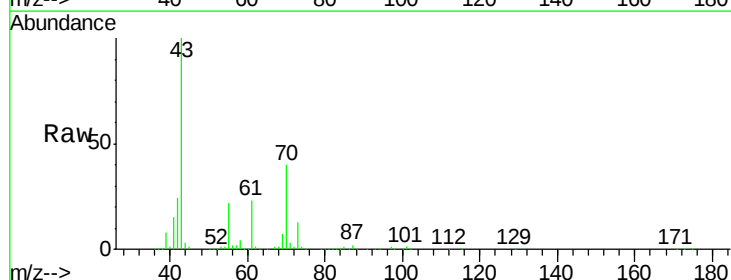
Ion Ratio Lower Upper

43 100

70 39.9 32.2 48.4

55 22.1 20.5 30.7

61 23.3 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 48.467 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

Instrument :

MSVOA_U

ClientSampleId :

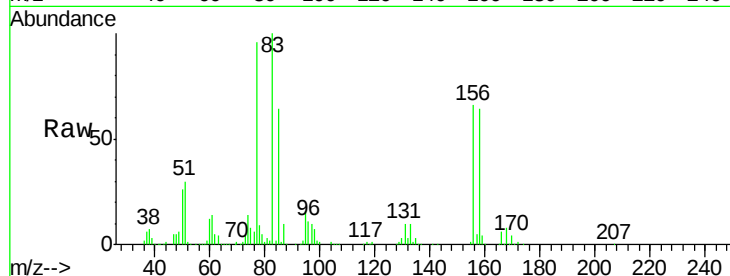
Tot Ion: 83 Resp: 198500

Ion Ratio Lower Upper

83 100

131 10.1 4.7 14.1

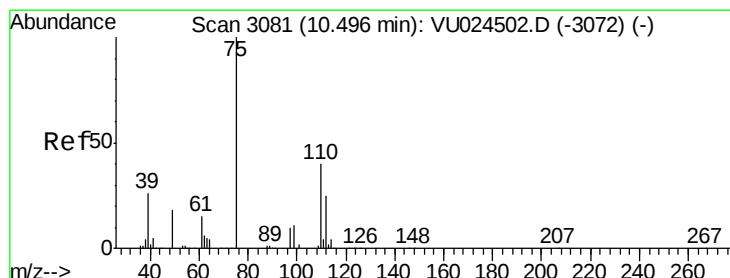
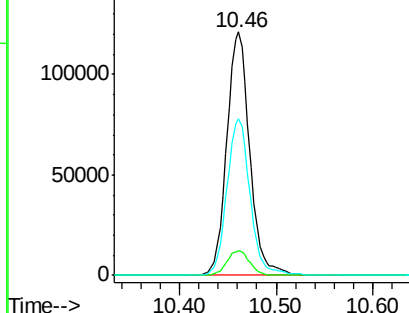
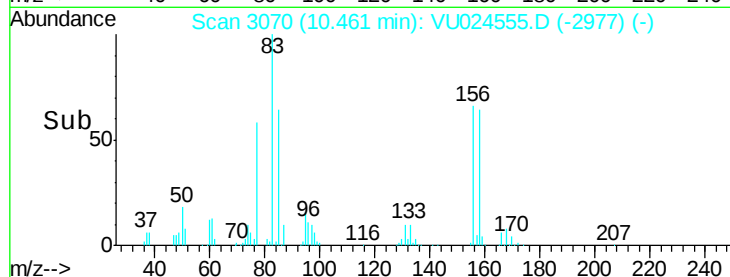
85 65.2 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU024555.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU024555.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU024555.D (-2977) (-)



#76

1,2,3-Trichloropropane

Concen: 65.413 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU024555.D

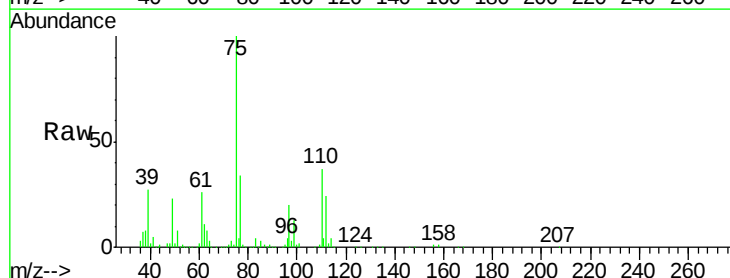
Acq: 14 Jun 2018 21:08

Tgt Ion: 75 Resp: 229256

Ion Ratio Lower Upper

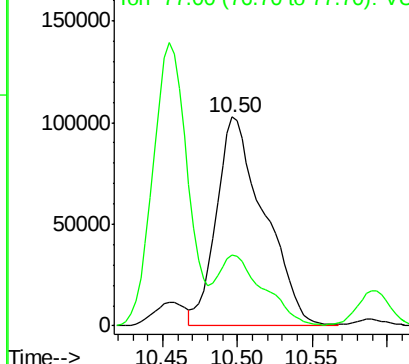
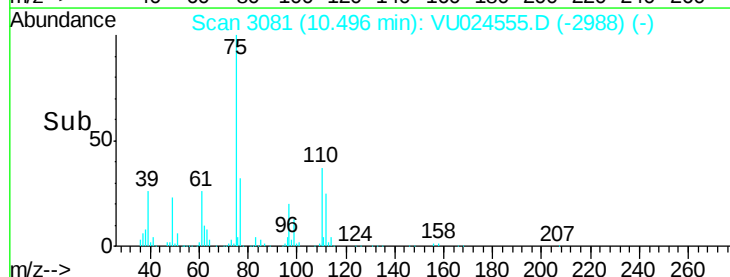
75 100

77 31.1 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU024555.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU024555.D (-2988) (-)

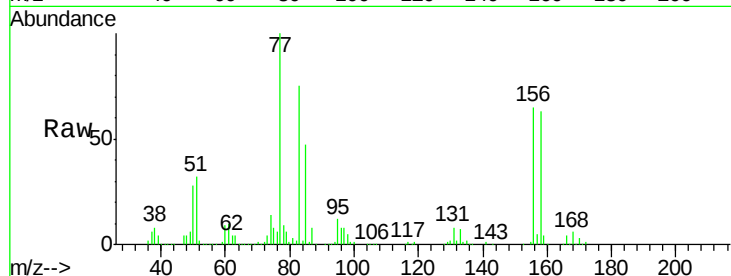




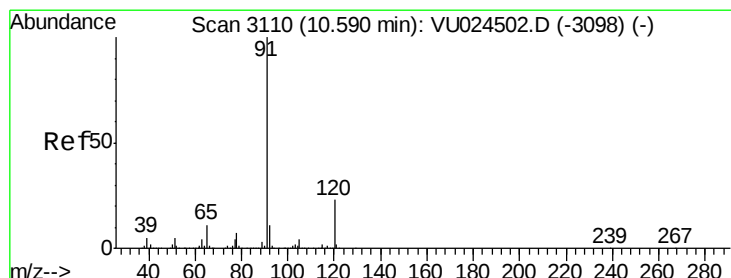
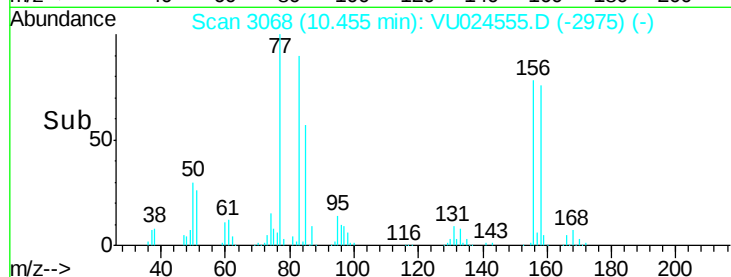
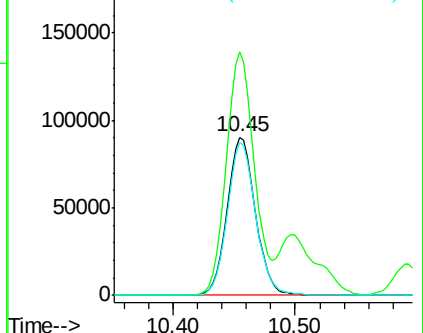
#77
Bromobenzene
Concen: 47.388 ug/l
RT: 10.45 min Scan# 3068
Delta R.T. -0.00 min
Lab File: VU024555.D
Acq: 14 Jun 2018 21:08

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:156 Resp: 146626
Ion Ratio Lower Upper
156 100
77 152.8 80.5 241.3
158 96.8 48.2 144.6

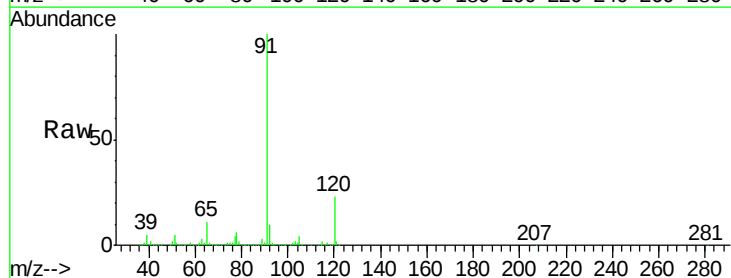


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VU0
Ion 157.80 (157.50 to 158.50): V

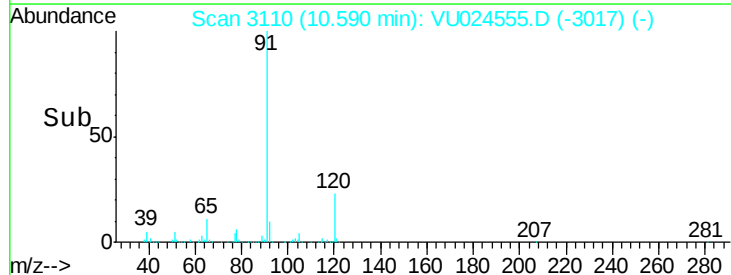
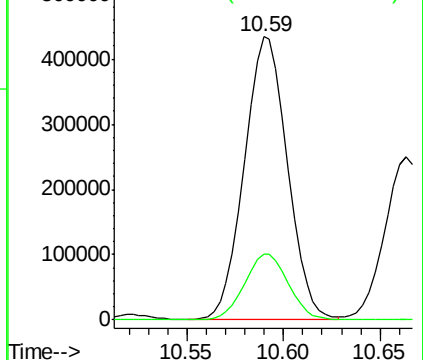


#78
n-propylbenzene
Concen: 46.713 ug/l
RT: 10.59 min Scan# 3110
Delta R.T. -0.00 min
Lab File: VU024555.D
Acq: 14 Jun 2018 21:08

Tgt Ion: 91 Resp: 672544
Ion Ratio Lower Upper
91 100
120 23.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.190 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

Instrument :

MSVOA_U

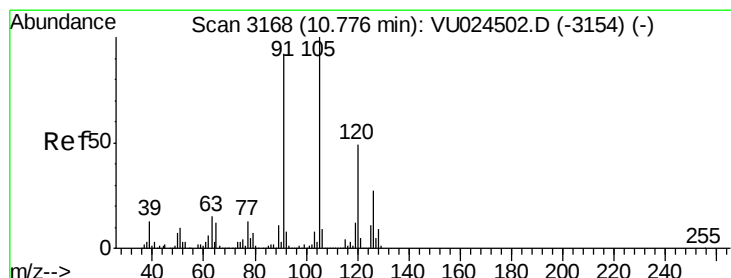
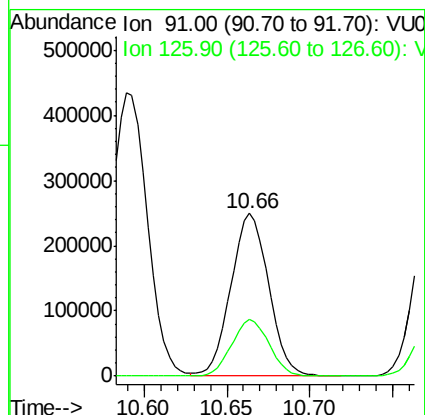
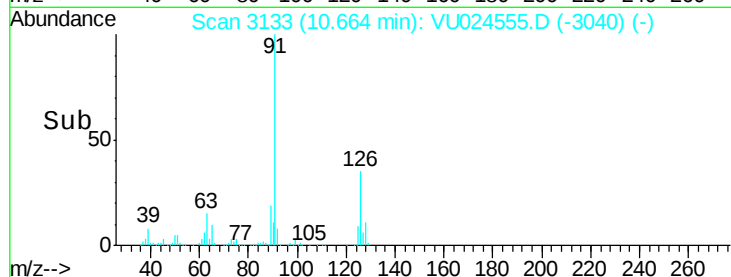
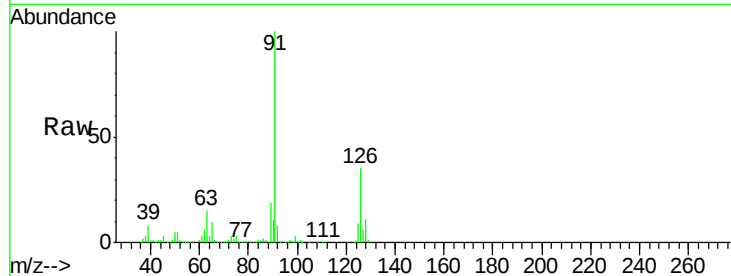
ClientSampled :

Tot Ion: 91 Resp: 392168

Ion Ratio Lower Upper

91 100

126 35.0 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 45.976 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU024555.D

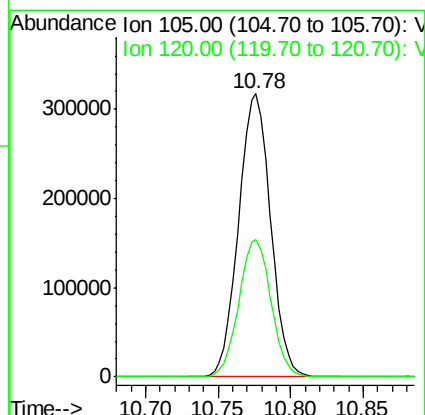
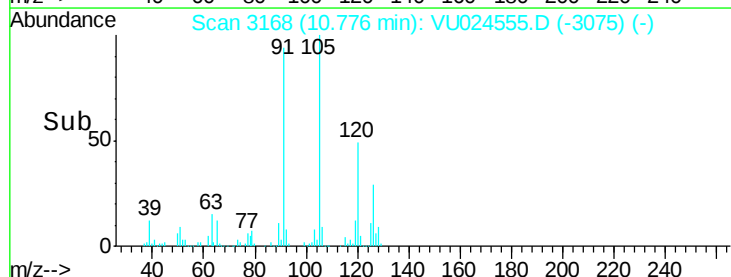
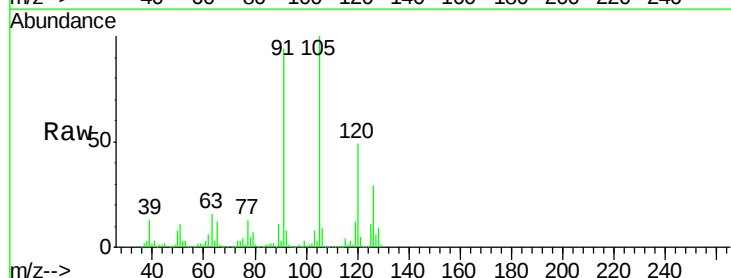
Acq: 14 Jun 2018 21:08

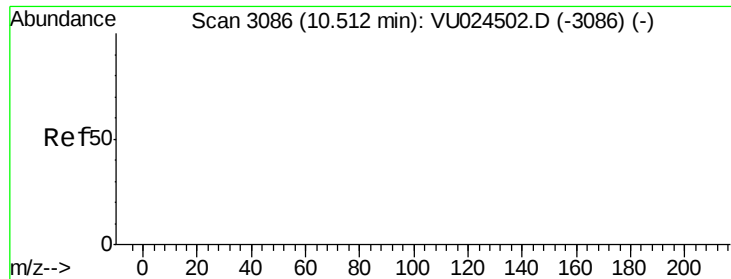
Tgt Ion: 105 Resp: 487039

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.2

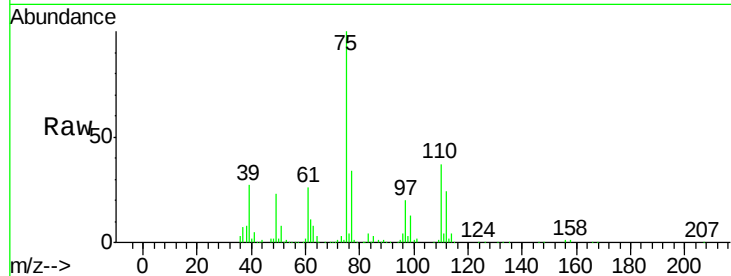




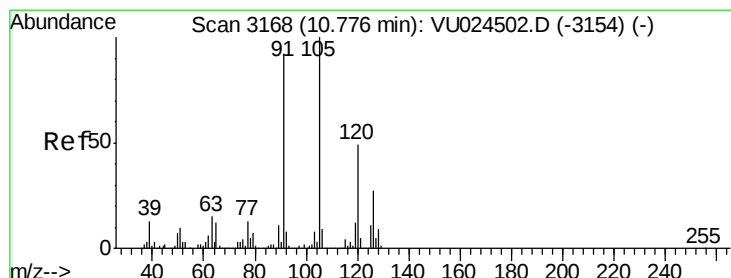
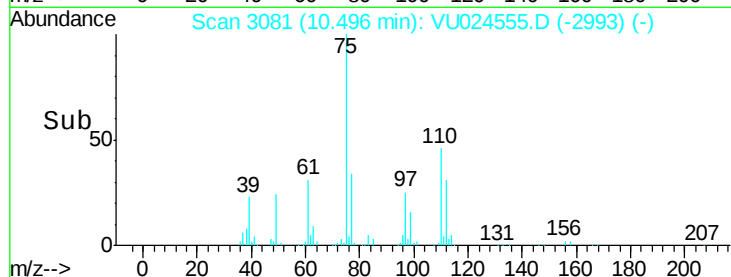
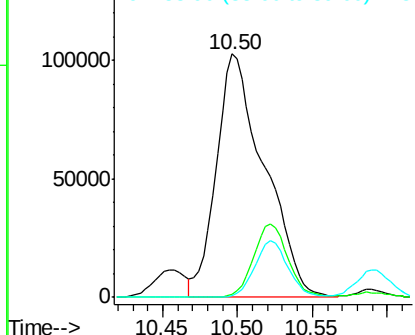
#81
trans-1,4-Dichloro-2-butene
Concen: 151.392 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU024555.D
Acq: 14 Jun 2018 21:08

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 229256
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

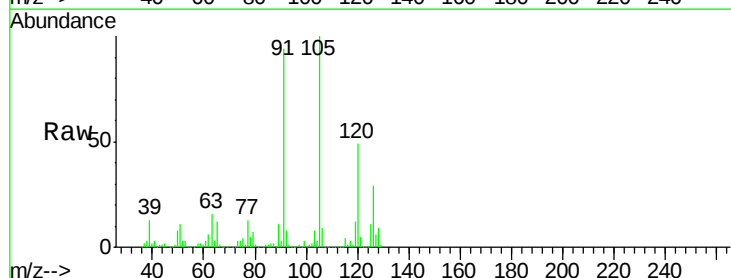


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0

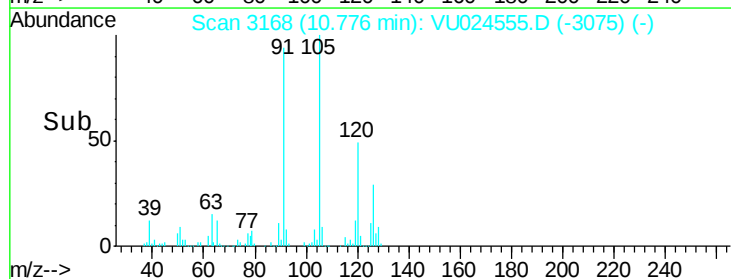
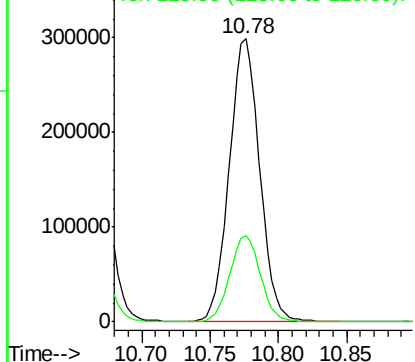


#82
4-Chlorotoluene
Concen: 46.766 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU024555.D
Acq: 14 Jun 2018 21:08

Tgt Ion: 91 Resp: 462134
Ion Ratio Lower Upper
91 100
126 30.7 14.9 44.9



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

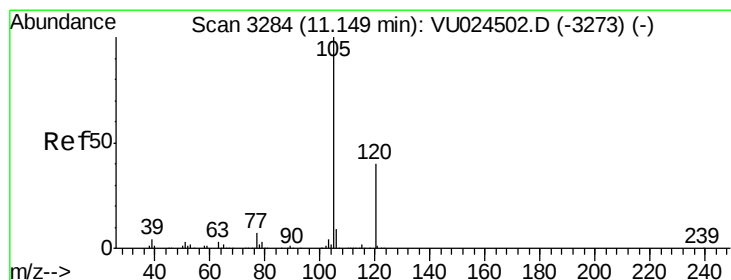
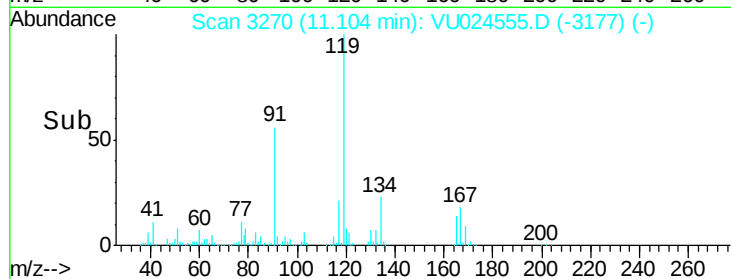
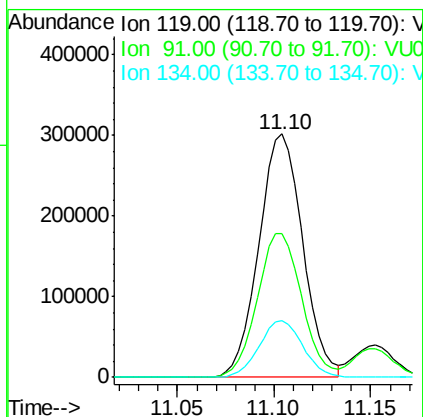
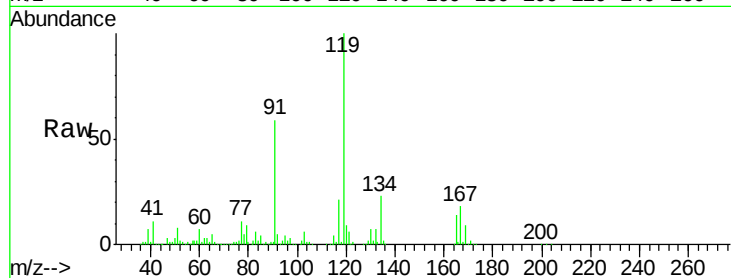




#83
tert-Butylbenzene
Concen: 46.954 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. -0.00 min
Lab File: VU024555.D
Acq: 14 Jun 2018 21:08

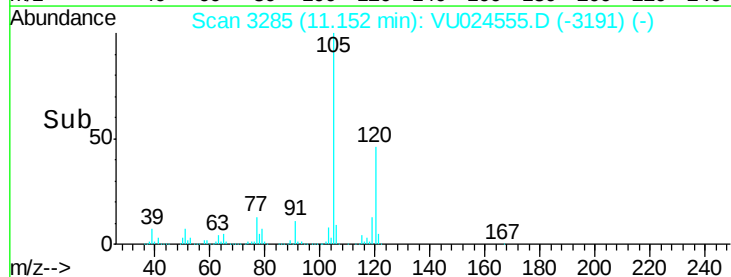
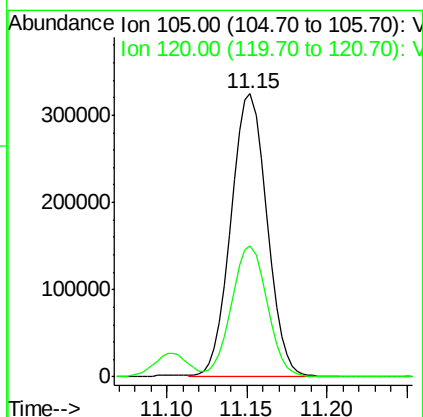
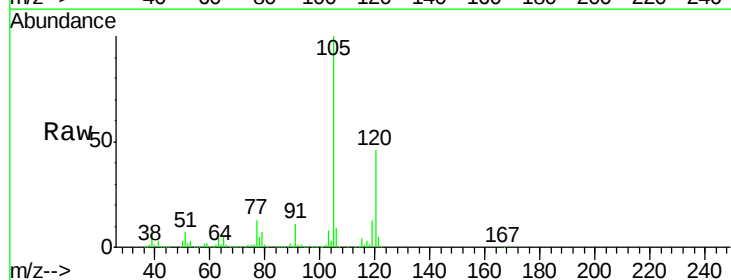
Instrument :
MSVOA_U
ClientSampleId :

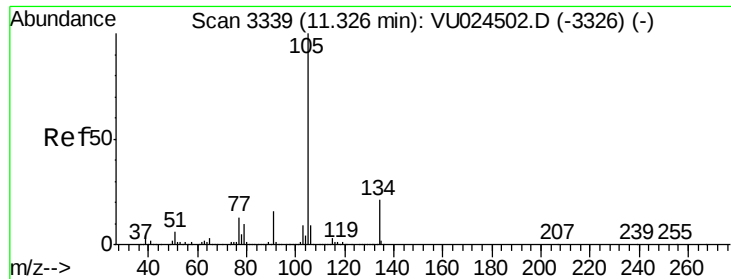
Tot Ion:119 Resp: 478460
Ion Ratio Lower Upper
119 100
91 59.6 29.7 89.1
134 23.2 11.6 34.7



#84
1,2,4-Trimethylbenzene
Concen: 46.035 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU024555.D
Acq: 14 Jun 2018 21:08

Tgt Ion:105 Resp: 496970
Ion Ratio Lower Upper
105 100
120 45.9 22.6 67.8





#85

sec-Butylbenzene

Concen: 46.420 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

Instrument :

MSVOA_U

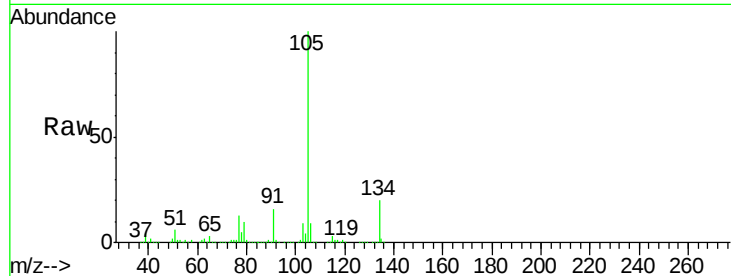
ClientSampleId :

Tot Ion:105 Resp: 592095

Ion Ratio Lower Upper

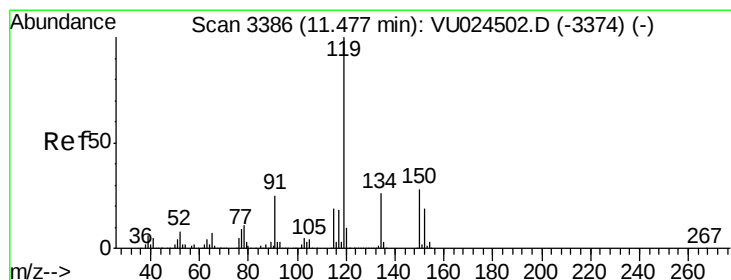
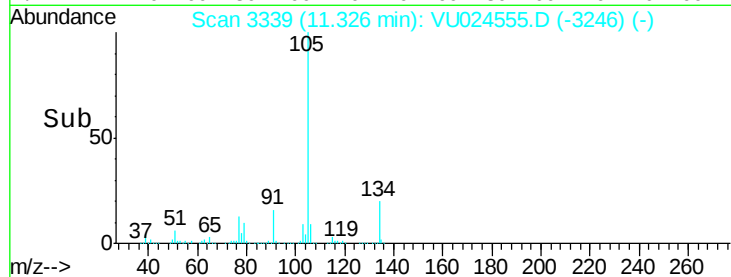
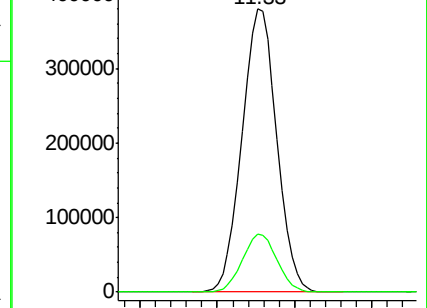
105 100

134 20.4 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: 46.325 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. -0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

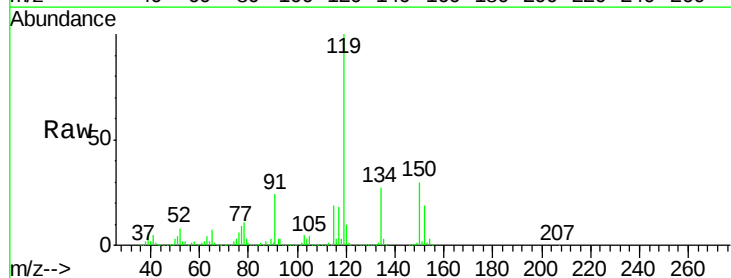
Tgt Ion:119 Resp: 529195

Ion Ratio Lower Upper

119 100

134 26.9 12.9 38.6

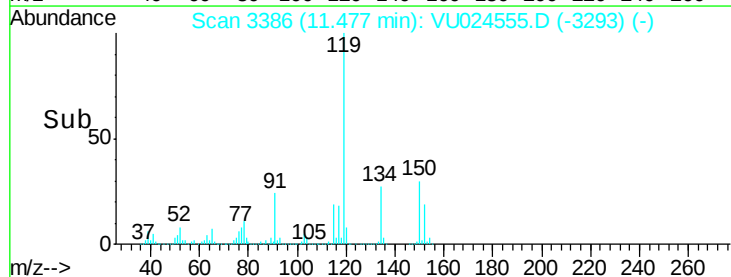
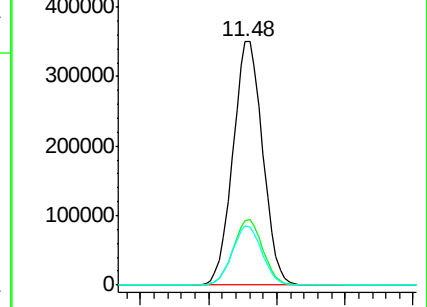
91 24.3 12.0 36.1

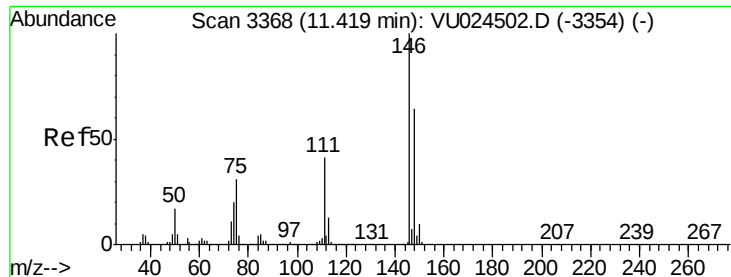


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

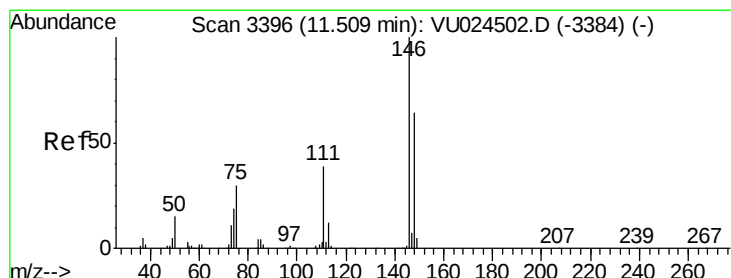
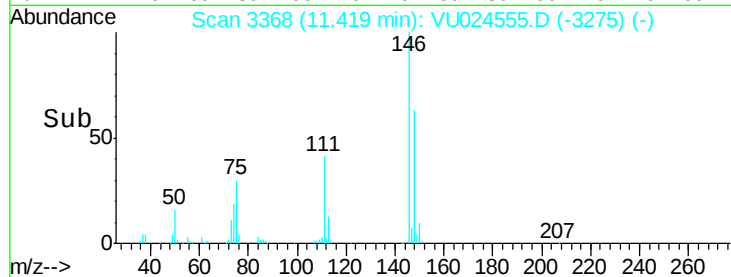
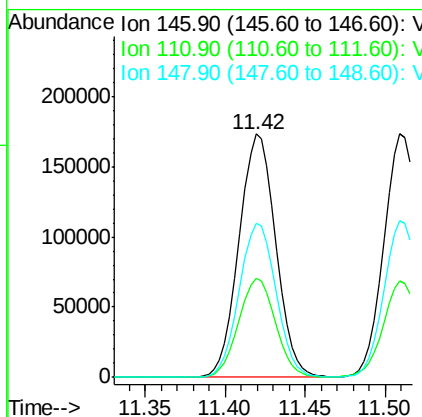
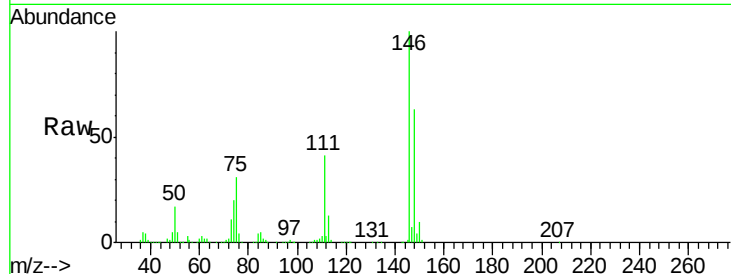




#87
 1,3-Dichlorobenzene
 Concen: 47.601 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU024555.D
 Acq: 14 Jun 2018 21:08

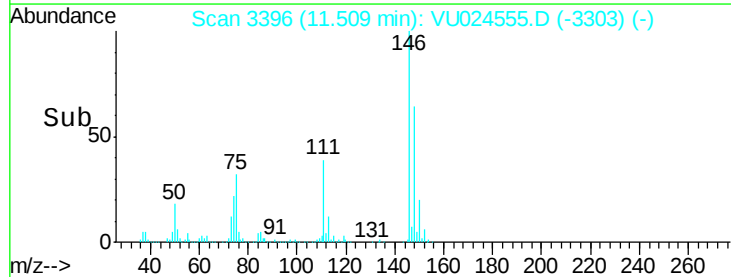
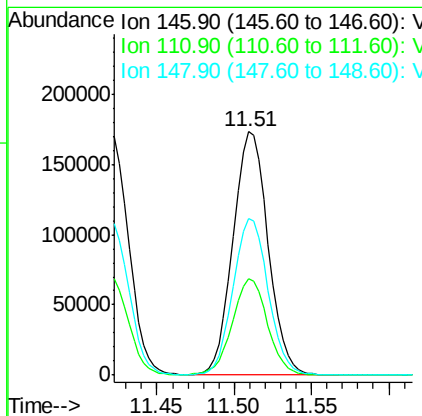
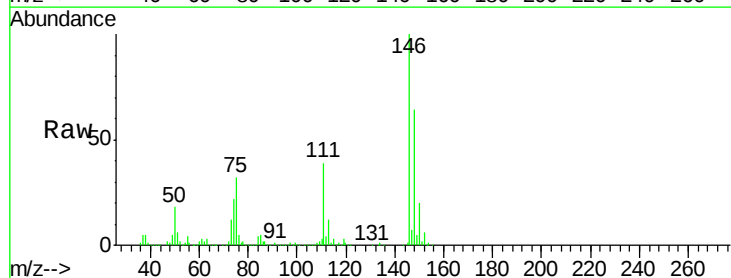
Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.0	60.0
148	63.5	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 47.357 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU024555.D
 Acq: 14 Jun 2018 21:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.5	58.5
148	64.4	32.4	97.0





#89

n-Butylbenzene

Concen: 47.679 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. -0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

Instrument :

MSVOA_U

ClientSampled :

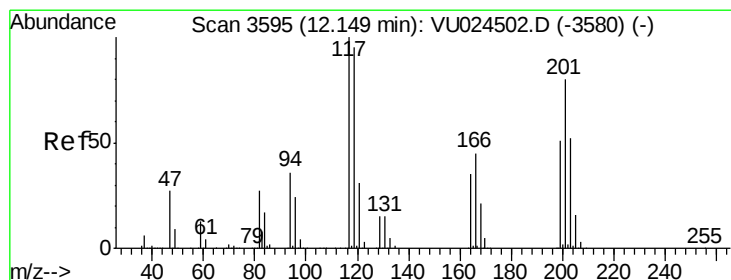
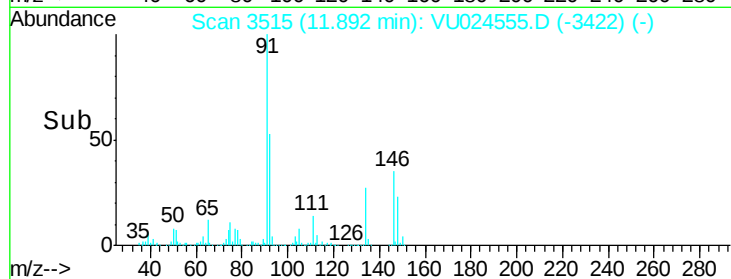
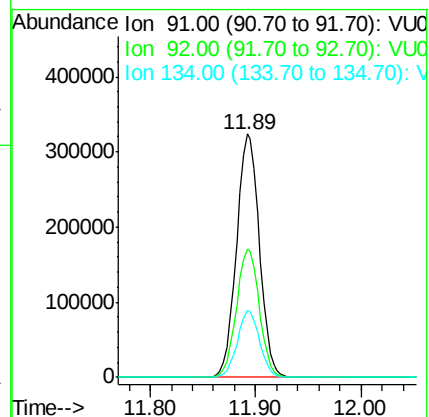
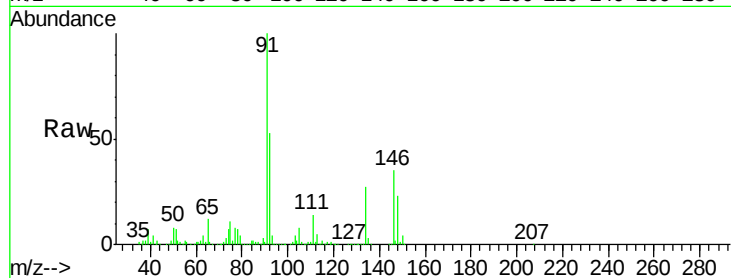
Tot Ion: 91 Resp: 483566

Ion Ratio Lower Upper

91 100

92 52.7 25.6 76.8

134 26.8 12.3 36.8



#90

Hexachloroethane

Concen: 45.305 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. -0.00 min

Lab File: VU024555.D

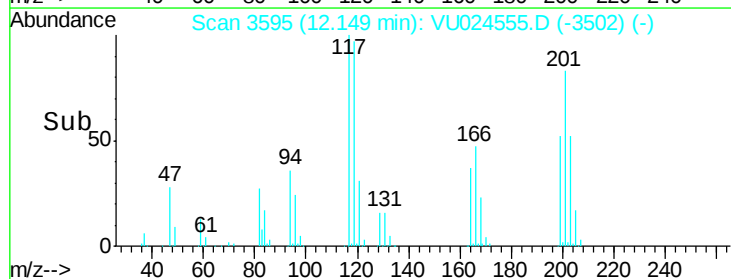
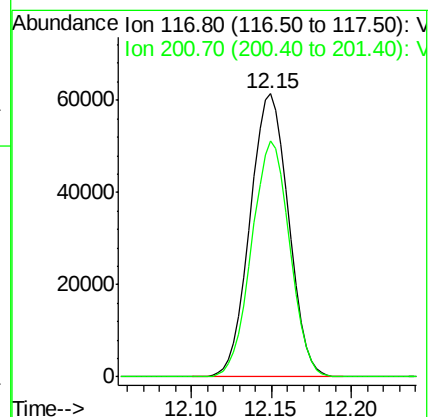
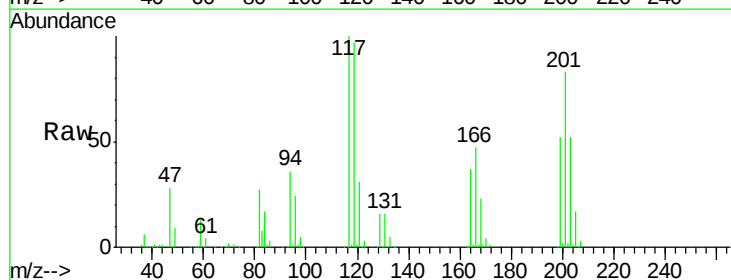
Acq: 14 Jun 2018 21:08

Tgt Ion: 117 Resp: 100962

Ion Ratio Lower Upper

117 100

201 82.4 41.1 123.3





#91

1,2-Dichlorobenzene

Concen: 47.318 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

Instrument :

MSVOA_U

ClientSampled :

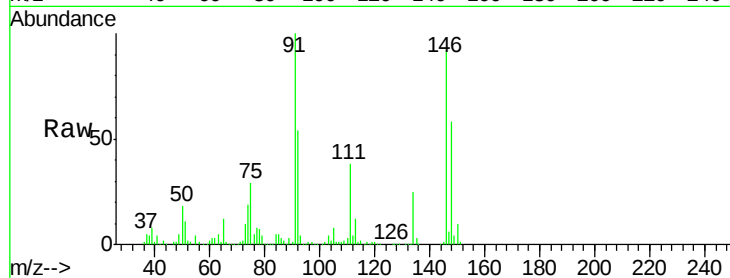
Tot Ion:146 Resp: 270927

Ion Ratio Lower Upper

146 100

111 41.7 20.5 61.6

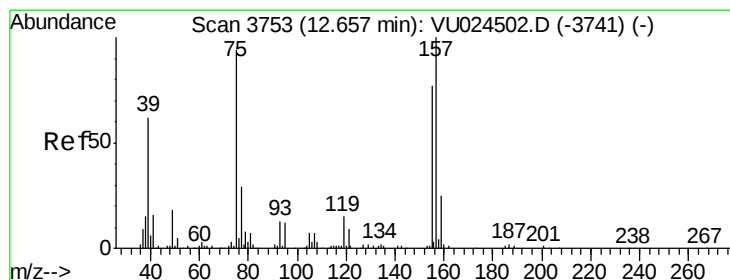
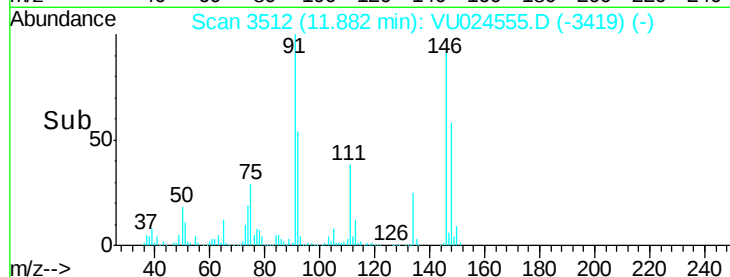
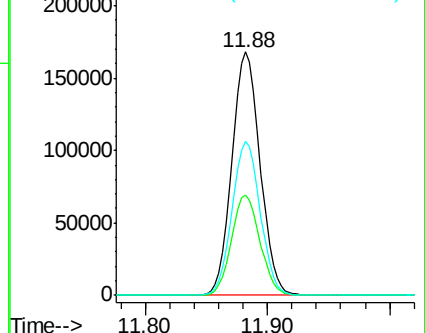
148 63.2 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.590 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

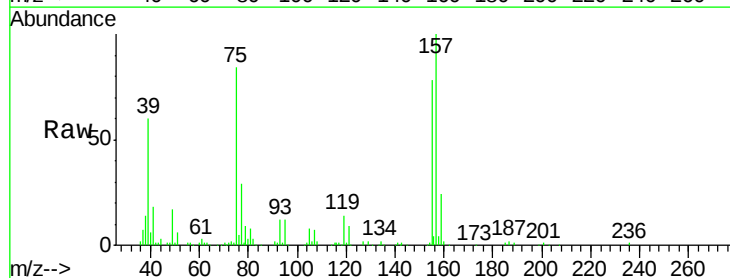
Tgt Ion: 75 Resp: 51521

Ion Ratio Lower Upper

75 100

155 89.7 40.4 121.2

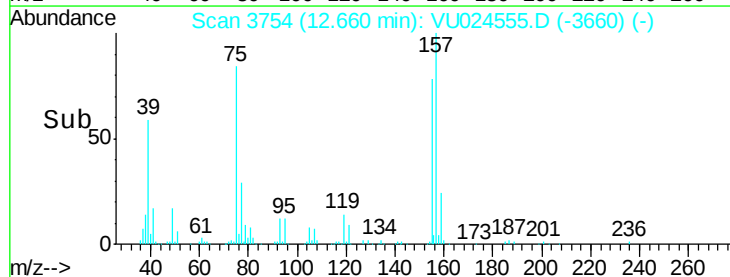
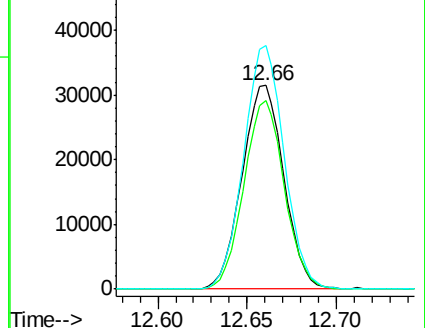
157 115.9 52.3 156.8



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

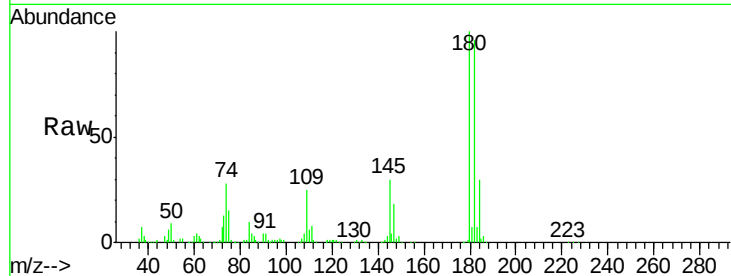




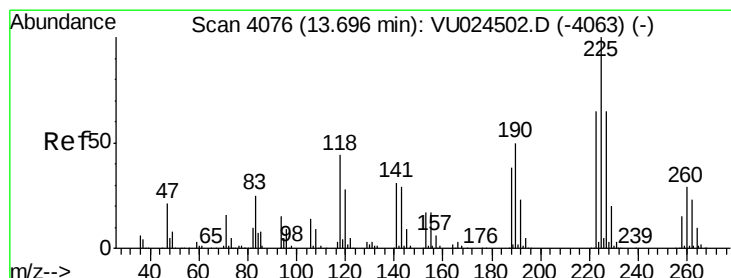
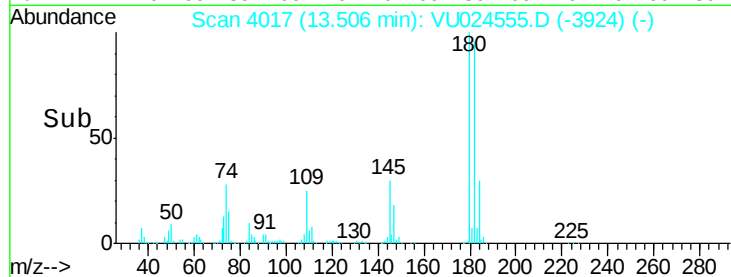
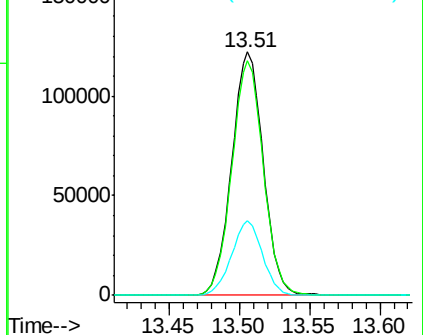
#93
 1,2,4-Trichlorobenzene
 Concen: 54.129 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU024555.D
 Acq: 14 Jun 2018 21:08

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.0	144.2
145	30.1	14.7	44.1

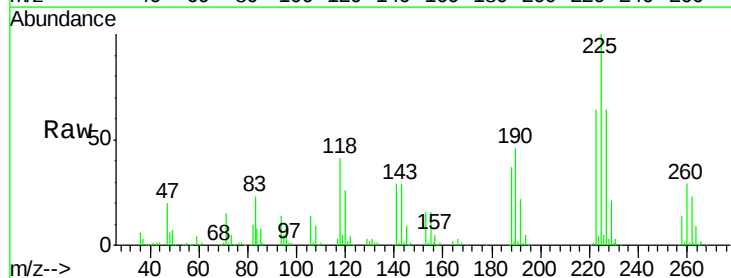


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

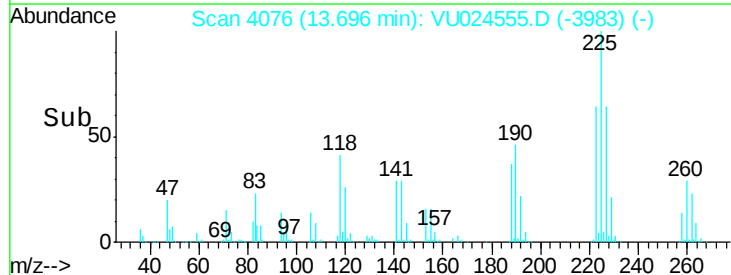
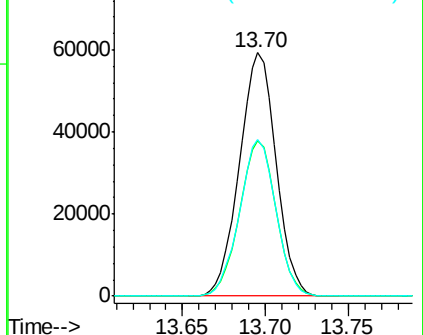


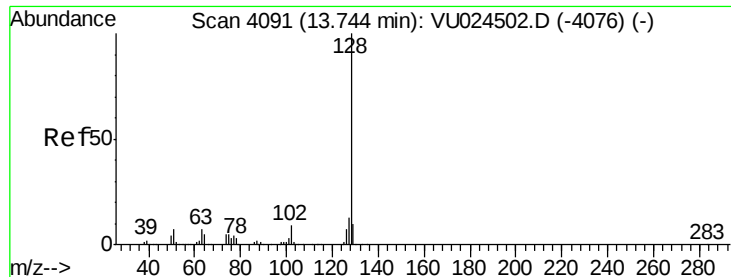
#94
 Hexachlorobutadiene
 Concen: 45.692 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU024555.D
 Acq: 14 Jun 2018 21:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.3	93.8
227	63.7	31.8	95.4



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





#95

Naphthalene

Concen: 51.577 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

Instrument :

MSVOA_U

ClientSampleId :

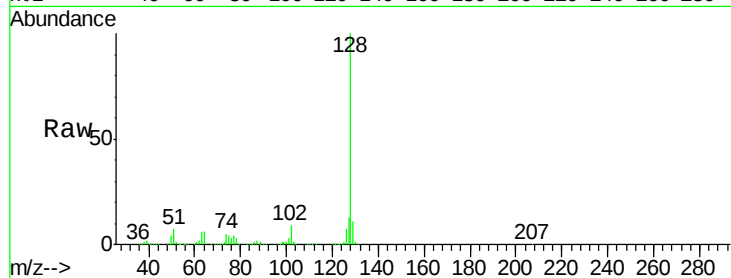
Tot Ion:128 Resp: 603978

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

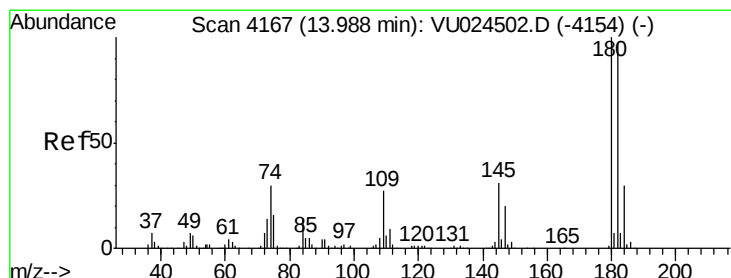
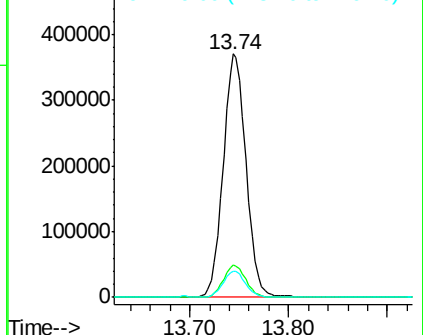
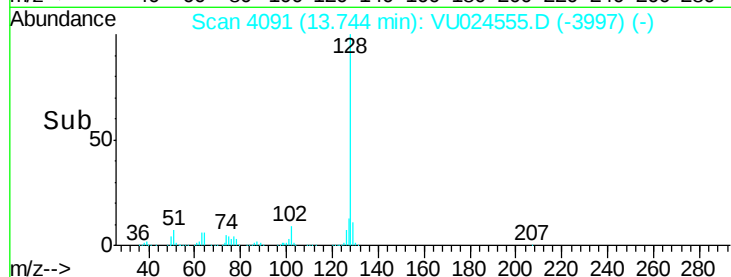
129 10.6 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 55.308 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU024555.D

Acq: 14 Jun 2018 21:08

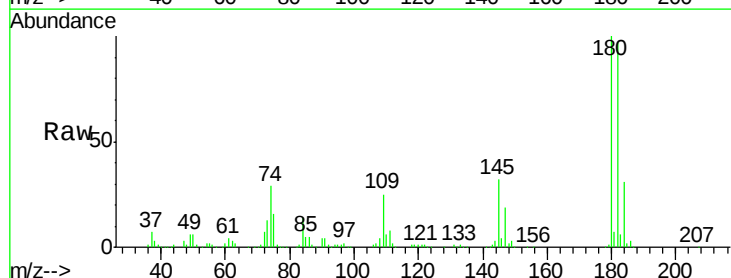
Tgt Ion:180 Resp: 194861

Ion Ratio Lower Upper

180 100

182 96.6 47.9 143.7

145 31.9 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

