

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062518\
 Data File : VU024894.D
 Acq On : 25 Jun 2018 23:24
 Operator : MD/SY
 Sample : VU0625MBS02
 Misc : 5.00uL/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 26 05:38:41 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	176358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	271872	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	254223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	146909	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	132575	46.05	ug/l	0.00
Spiked Amount			Recovery	=	92.10%	
35) Dibromofluoromethane	4.89	113	105894	46.93	ug/l	0.00
Spiked Amount			Recovery	=	93.86%	
50) Toluene-d8	7.57	98	365404	44.40	ug/l	0.00
Spiked Amount			Recovery	=	88.80%	
62) 4-Bromofluorobenzene	10.31	95	146187	44.74	ug/l	0.00
Spiked Amount			Recovery	=	89.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	38408	17.40	ug/l	97
3) Chloromethane	1.33	50	39574	17.55	ug/l	100
4) Vinyl Chloride	1.40	62	43705	18.79	ug/l	97
5) Bromomethane	1.62	94	27652	24.59	ug/l	100
6) Chloroethane	1.70	64	28312	21.18	ug/l	99
7) Trichlorofluoromethane	1.89	101	71627	20.18	ug/l	99
8) Diethyl Ether	2.10	74	27934	22.08	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.29	101	42312	19.22	ug/l	99
10) Methyl Iodide	2.41	142	37079	23.08	ug/l	99
11) Tert butyl alcohol	2.82	59	68608	97.98	ug/l	99
12) 1,1-Dichloroethene	2.28	96	38687	19.27	ug/l	93
13) Acrolein	2.19	56	18909	51.42	ug/l	97
14) Allyl chloride	2.60	41	66408	17.81	ug/l	99
15) Acrylonitrile	2.94	53	137798	101.15	ug/l	99
16) Acetone	2.32	43	130398	84.29	ug/l	100
17) Carbon Disulfide	2.48	76	103274	16.06	ug/l	99
18) Methyl Acetate	2.62	43	73119	22.05	ug/l	96
19) Methyl tert-butyl Ether	3.00	73	154509	20.47	ug/l	96
20) Methylene Chloride	2.70	84	51252	21.12	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	41225	18.64	ug/l	96
22) Diisopropyl ether	3.57	45	148787	20.13	ug/l	95
23) Vinyl Acetate	3.53	43	627051	94.71	ug/l	98
24) 1,1-Dichloroethane	3.45	63	86263	20.29	ug/l	99
25) 2-Butanone	4.26	43	196978	94.80	ug/l	97
26) 2,2-Dichloropropane	4.23	77	68763	17.03	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	50797	19.98	ug/l	98
28) Bromochloromethane	4.55	49	34561	18.45	ug/l	89
29) Tetrahydrofuran	4.63	42	125992	97.91	ug/l	97
30) Chloroform	4.68	83	87206	20.26	ug/l	99
31) Cyclohexane	5.00	56	75066	18.64	ug/l	93
32) 1,1,1-Trichloroethane	4.92	97	79278	19.92	ug/l	97
36) 1,1-Dichloropropene	5.14	75	60152	18.83	ug/l	96
37) Ethyl Acetate	4.38	43	74219	21.32	ug/l	98
38) Carbon Tetrachloride	5.14	117	69747	19.85	ug/l	98

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 ALS Vial : 32 Sample Multiplier: 1

Instrument :
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Quant Time: Jun 26 05:38:41 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)
39) Methylcyclohexane	6.42	83	72734	18.24	ug/l	93
40) Benzene	5.39	78	182817	20.08	ug/l	98
41) Methacrylonitrile	4.54	41	41061	21.87	ug/l	98
42) 1,2-Dichloroethane	5.41	62	75306	21.72	ug/l	100
43) Isopropyl Acetate	5.55	43	118580	19.70	ug/l	99
44) Trichloroethene	6.19	130	50343	19.43	ug/l	99
45) 1,2-Dichloropropane	6.44	63	50481	20.78	ug/l	99
46) Dibromomethane	6.56	93	35565	20.85	ug/l	96
47) Bromodichloromethane	6.76	83	68735	20.23	ug/l	100
48) Methyl methacrylate	6.63	41	59833	20.42	ug/l	96
49) 1,4-Dioxane	6.62	88	29186	509.22	ug/l	93
51) 4-Methyl-2-Pentanone	7.46	43	388612	102.77	ug/l	99
52) Toluene	7.64	92	116769	19.94	ug/l	99
53) t-1,3-Dichloropropene	7.89	75	71505	18.74	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	74784	18.40	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	48903	20.54	ug/l	98
56) Ethyl methacrylate	8.02	69	81026	20.33	ug/l	99
57) 1,3-Dichloropropane	8.25	76	81766	20.36	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	79747	52.24	ug/l	95
59) 2-Hexanone	8.36	43	303933	98.45	ug/l	100
60) Dibromochloromethane	8.48	129	56518	19.04	ug/l	99
61) 1,2-Dibromoethane	8.59	107	52445	19.79	ug/l	96
64) Tetrachloroethene	8.23	164	48734	20.17	ug/l	98
65) Chlorobenzene	9.12	112	133326	20.53	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	51472	20.86	ug/l	98
67) Ethyl Benzene	9.25	91	228535	20.07	ug/l	98
68) m/p-Xylenes	9.38	106	177611	40.63	ug/l	98
69) o-Xylene	9.78	106	88192	20.38	ug/l	97
70) Styrene	9.80	104	143641	20.20	ug/l	98
71) Bromoform	9.96	173	44517	18.98	ug/l #	99
73) Isopropylbenzene	10.17	105	236734	20.99	ug/l	100
74) N-amyl acetate	10.01	43	105000	19.57	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	82725	21.89	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	94516	29.22	ug/l	85
77) Bromobenzene	10.45	156	61040	21.38	ug/l	94
78) n-propylbenzene	10.59	91	265202	19.96	ug/l	98
79) 2-Chlorotoluene	10.66	91	164308	20.97	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	202618	20.73	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.50	75	94516	67.63	ug/l #	100
82) 4-Chlorotoluene	10.78	91	185906	20.39	ug/l	98
83) tert-Butylbenzene	11.10	119	206025	21.91	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	205300	20.61	ug/l	100
85) sec-Butylbenzene	11.33	105	244190	20.74	ug/l	98
86) p-Isopropyltoluene	11.48	119	211302	20.04	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	106638	20.21	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	108795	20.49	ug/l	99
89) n-Butylbenzene	11.89	91	170607	18.23	ug/l	98
90) Hexachloroethane	12.15	117	38959	18.94	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	113509	21.48	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	20971	20.11	ug/l	94

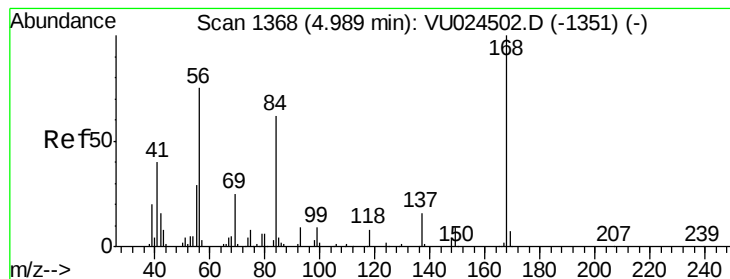
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062518\
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Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jun 26 05:38:41 2018
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	13.51	180	70212	21.52	ug/l	99
94) Hexachlorobutadiene	13.70	225	37456	20.39	ug/l	98
95) Naphthalene	13.74	128	237466	22.36	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	74607	22.95	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

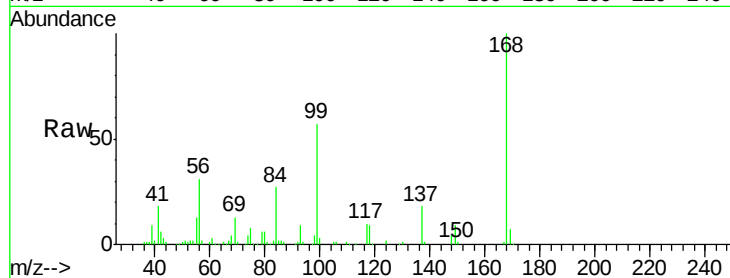
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 176358

Ion Ratio Lower Upper

168 100

99 56.6 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) (-)

4.99

80000

60000

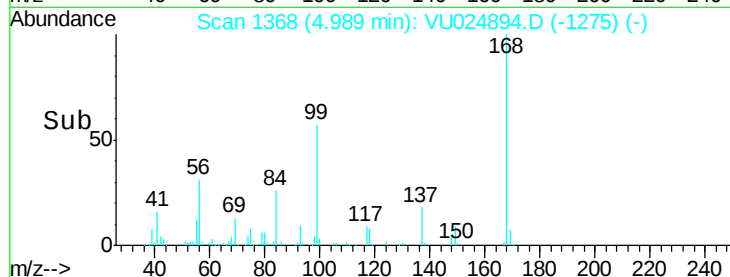
40000

20000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 17.40 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024894.D

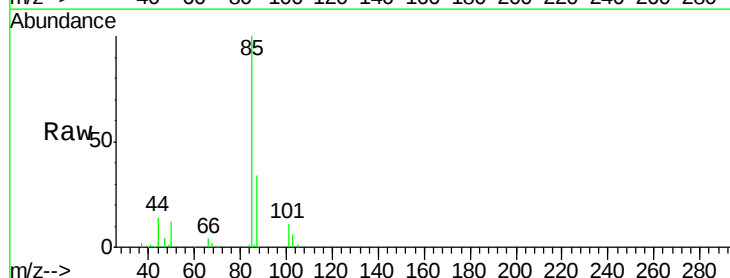
Acq: 25 Jun 2018 23:24

Tgt Ion: 85 Resp: 38408

Ion Ratio Lower Upper

85 100

87 33.5 16.1 48.2



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

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

1.20

40000

30000

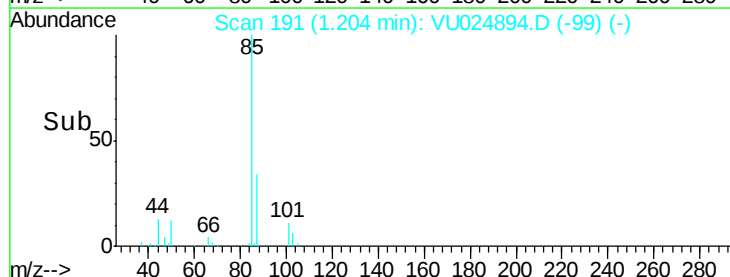
20000

10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 17.55 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

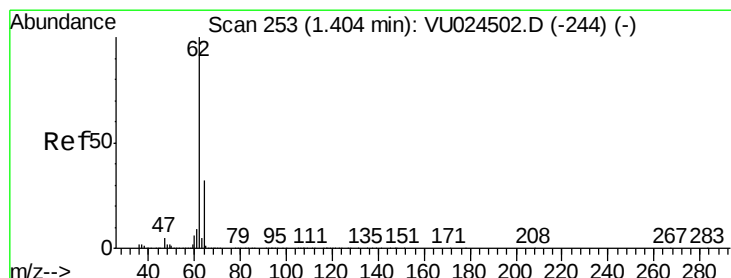
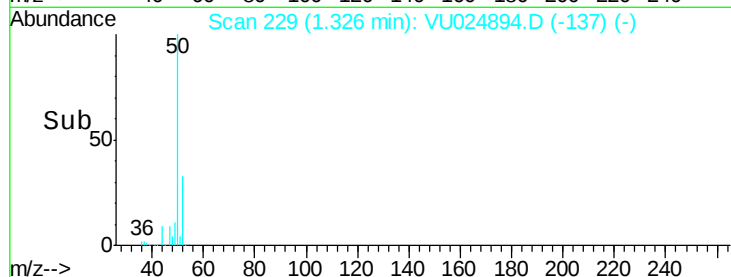
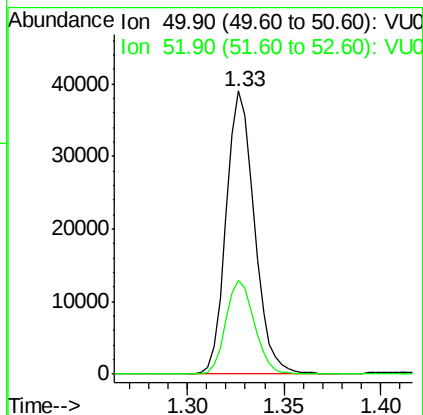
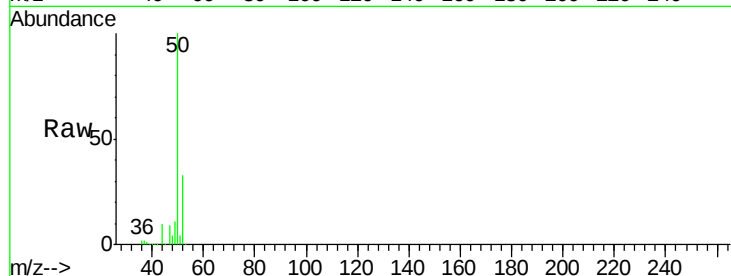
ClientSampleId :

Tot Ion: 50 Resp: 39574

Ion Ratio Lower Upper

50 100

52 33.3 26.4 39.6



#4

Vinyl Chloride

Concen: 18.79 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024894.D

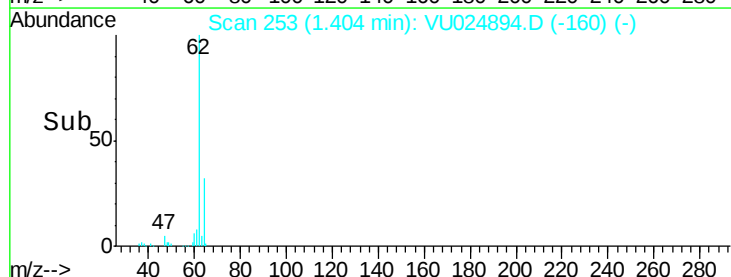
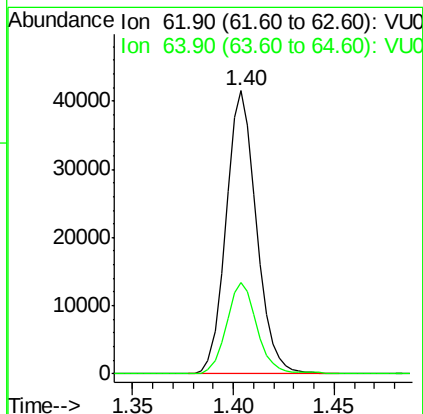
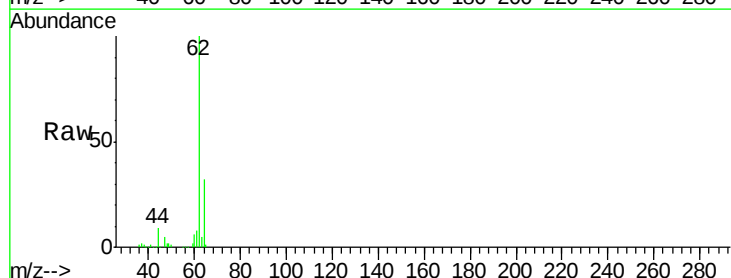
Acq: 25 Jun 2018 23:24

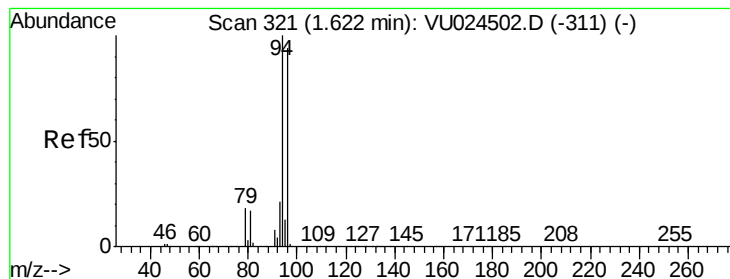
Tgt Ion: 62 Resp: 43705

Ion Ratio Lower Upper

62 100

64 32.4 24.8 37.2





#5

Bromomethane

Concen: 24.59 ug/l

RT: 1.62 min Scan# 321

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

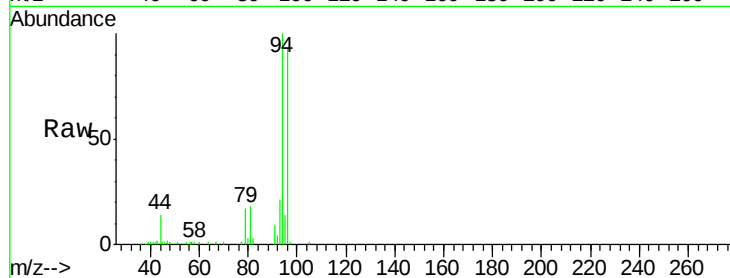
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 94 Resp: 27652

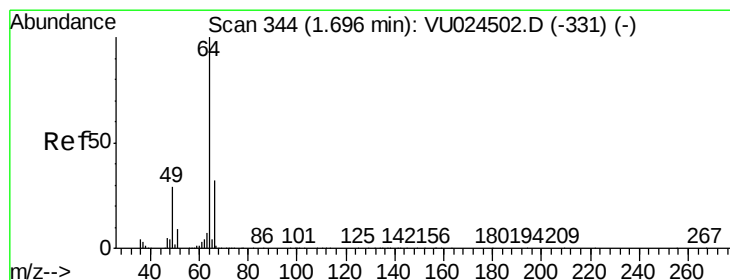
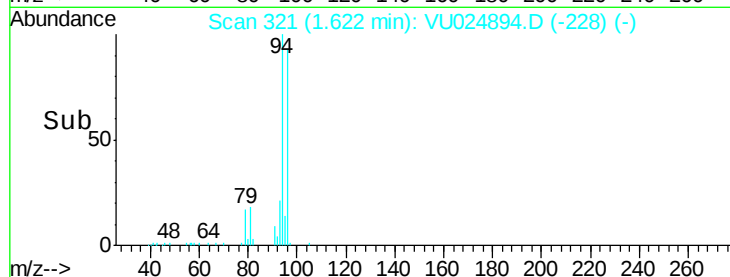
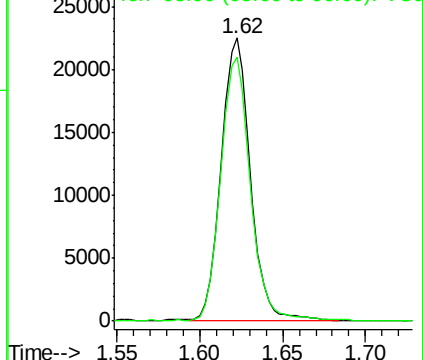
Ion Ratio Lower Upper

94 100

96 93.4 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: 21.18 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU024894.D

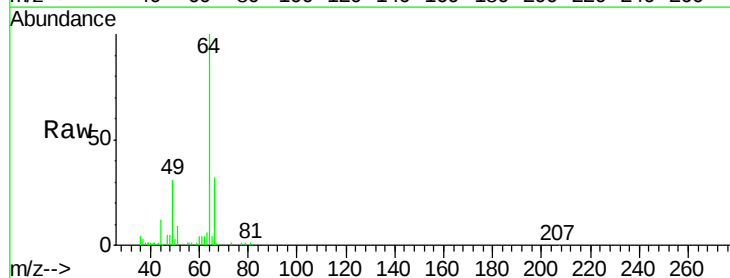
Acq: 25 Jun 2018 23:24

Tgt Ion: 64 Resp: 28312

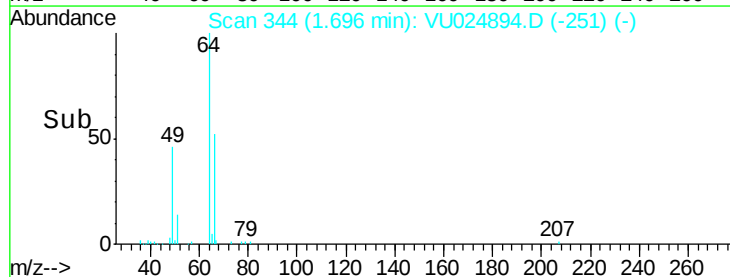
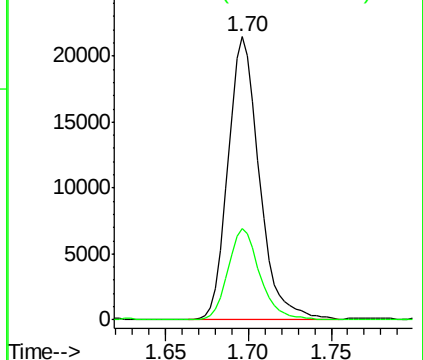
Ion Ratio Lower Upper

64 100

66 32.2 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: 20.18 ug/l

RT: 1.89 min Scan# 403

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

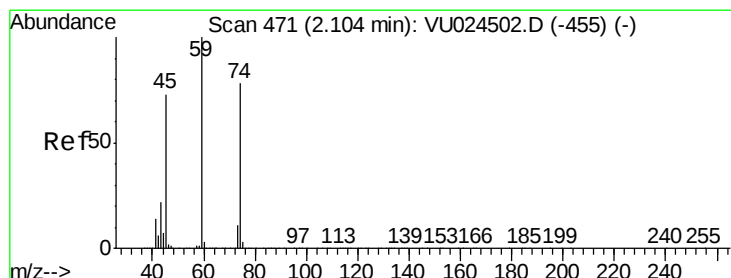
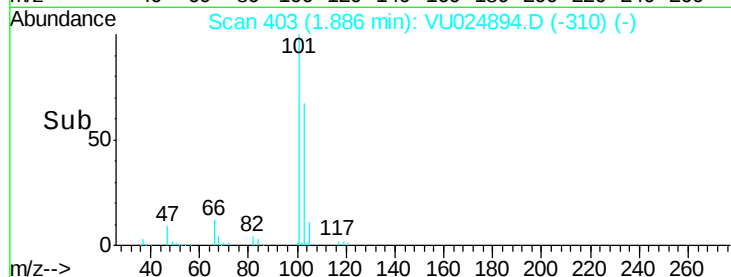
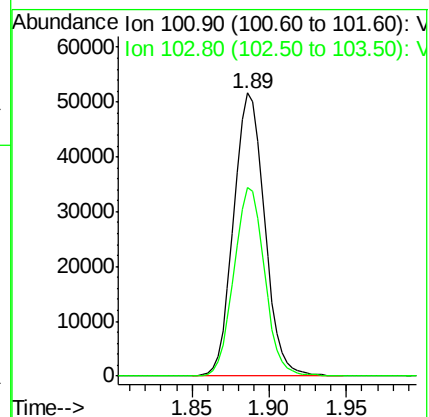
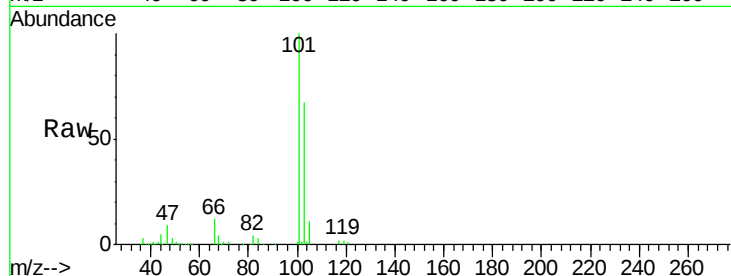
Instrument :
MSVOA_U
ClientSampled :

Tot Ion:101 Resp: 71627

Ion Ratio Lower Upper

101 100

103 66.5 52.3 78.5



#8

Diethyl Ether

Concen: 22.08 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU024894.D

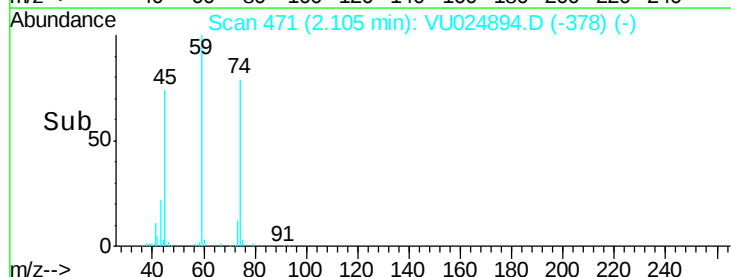
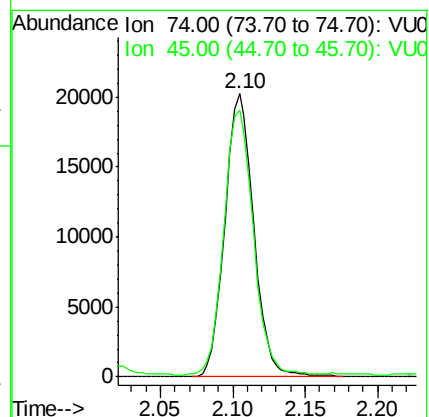
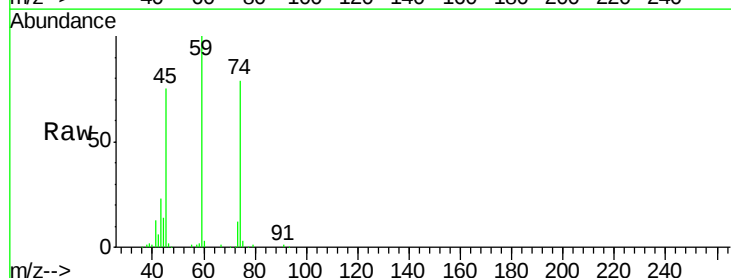
Acq: 25 Jun 2018 23:24

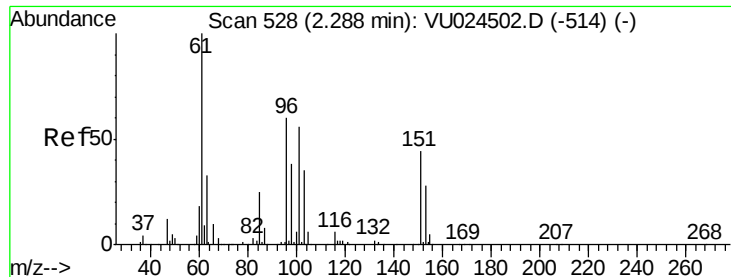
Tgt Ion: 74 Resp: 27934

Ion Ratio Lower Upper

74 100

45 95.5 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.22 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

ClientSampleId :

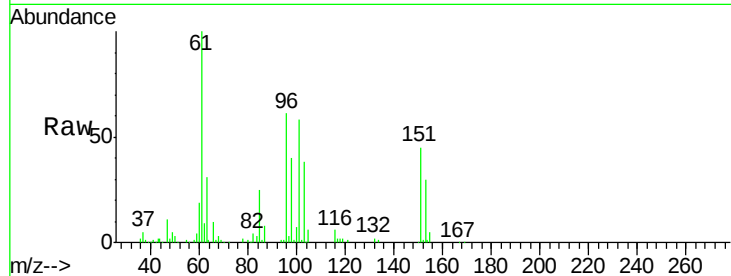
Tot Ion:101 Resp: 42312

Ion Ratio Lower Upper

101 100

85 43.3 36.0 54.0

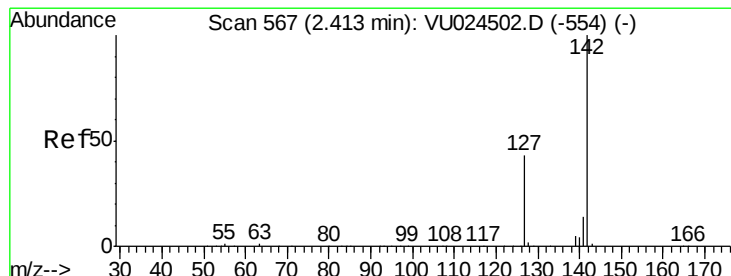
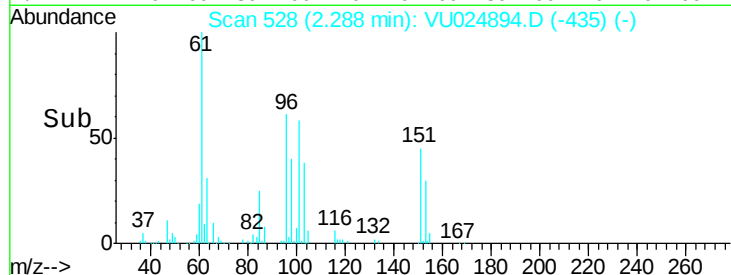
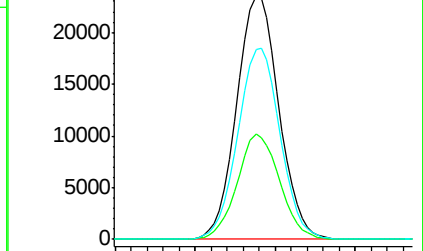
151 78.7 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 23.08 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

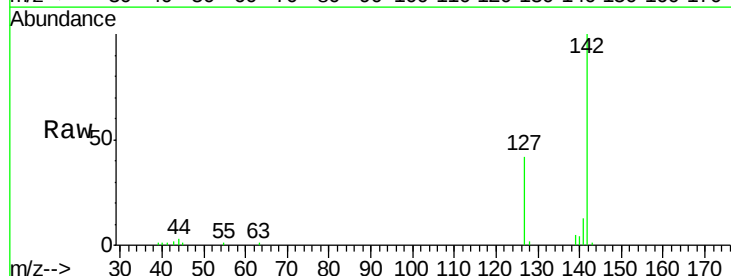
Tgt Ion:142 Resp: 37079

Ion Ratio Lower Upper

142 100

127 44.6 35.6 53.4

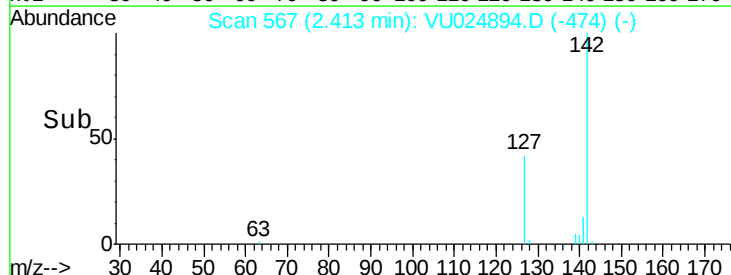
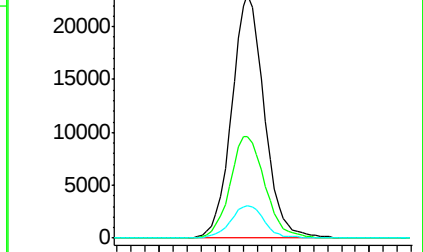
141 13.8 11.7 17.5

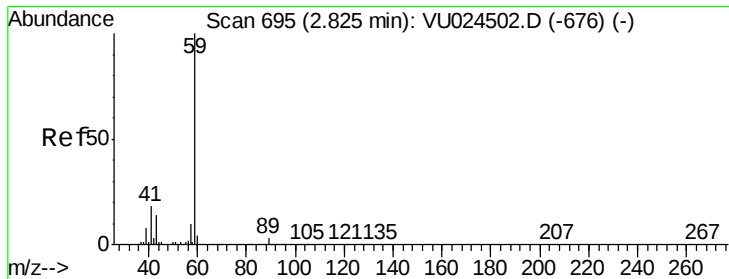


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



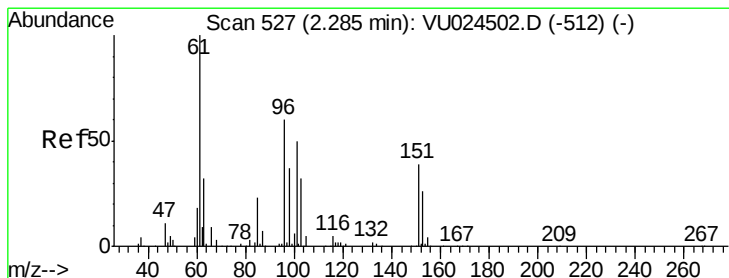
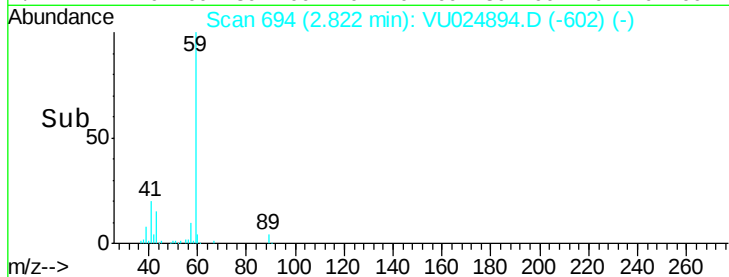
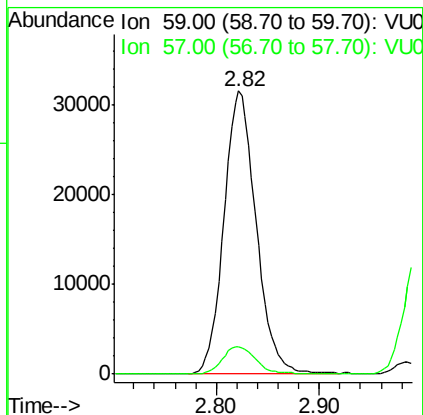
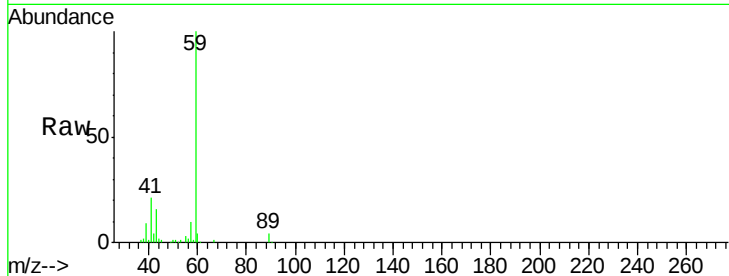


#11

Tert butyl alcohol
 Concen: 97.98 ug/l
 RT: 2.82 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: VU024894.D
 Acq: 25 Jun 2018 23:24

Instrument :
 MSVOA_U
 ClientSampleId :

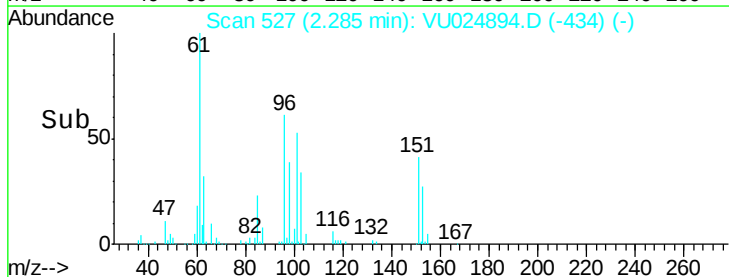
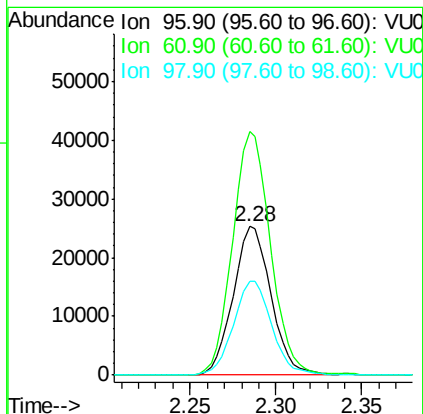
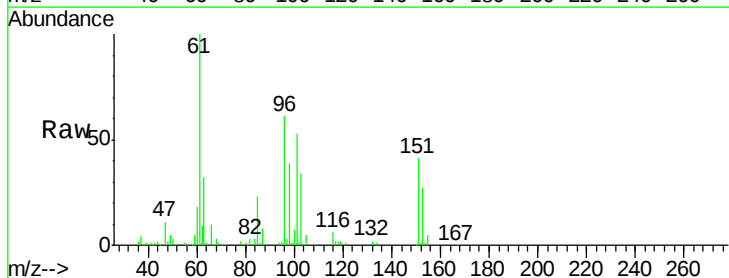
Tot Ion: 59 Resp: 68608
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.5 12.7

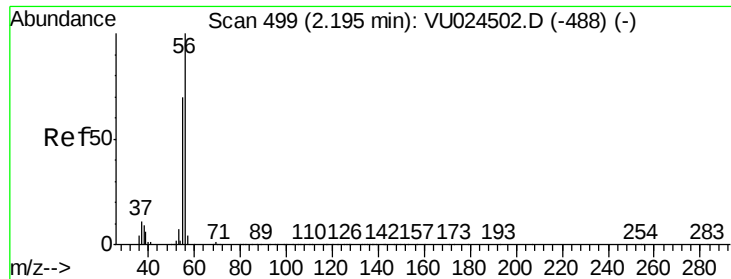


#12

1,1-Dichloroethene
 Concen: 19.27 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU024894.D
 Acq: 25 Jun 2018 23:24

Tgt Ion: 96 Resp: 38687
 Ion Ratio Lower Upper
 96 100
 61 163.9 141.7 212.5
 98 63.4 51.6 77.4





#13

Acrolein

Concen: 51.42 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

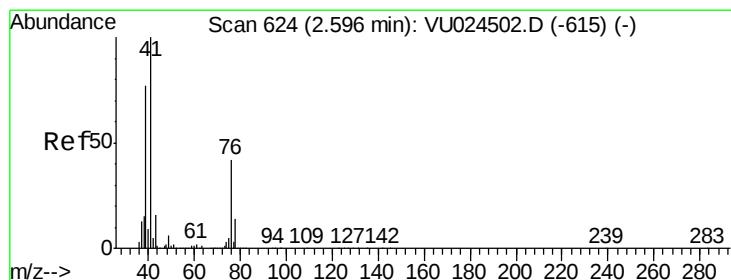
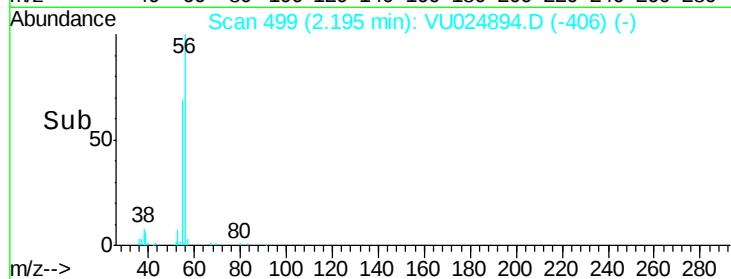
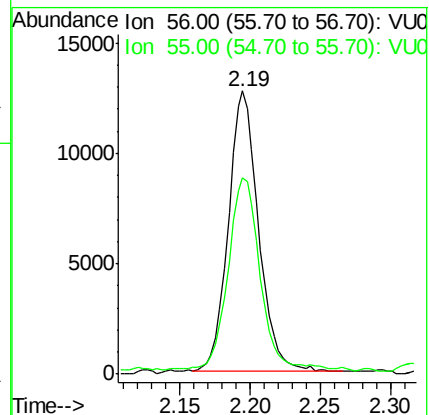
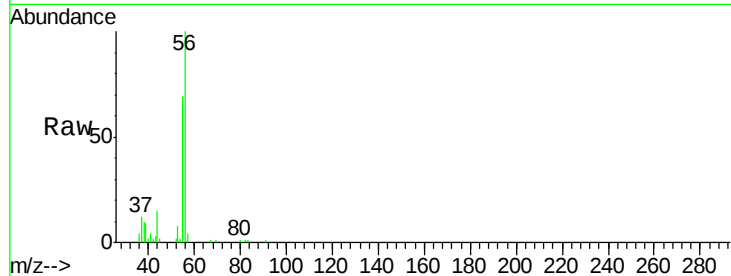
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 56 Resp: 18909

Ion Ratio Lower Upper

56 100

55 70.8 58.4 87.6



#14

Allyl chloride

Concen: 17.81 ug/l

RT: 2.60 min Scan# 624

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

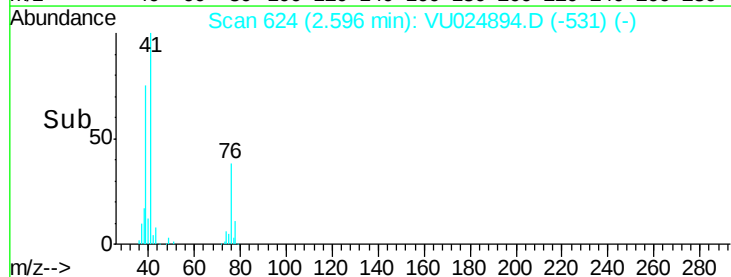
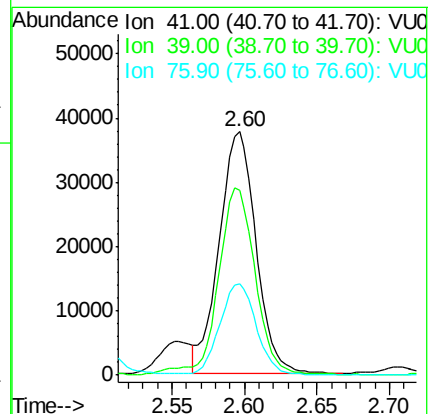
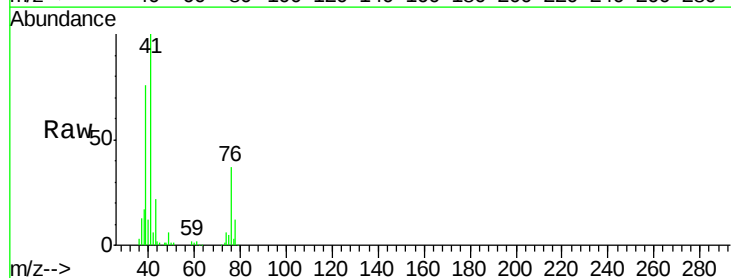
Tgt Ion: 41 Resp: 66408

Ion Ratio Lower Upper

41 100

39 76.5 61.6 92.4

76 37.7 29.7 44.5





#15

Acrylonitrile

Concen: 101.15 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

ClientSampleId :

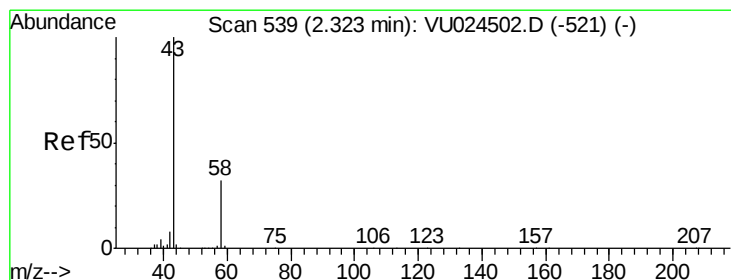
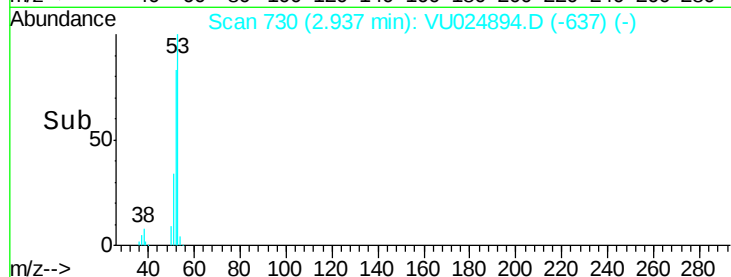
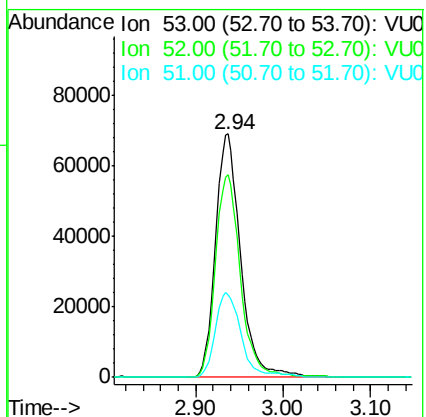
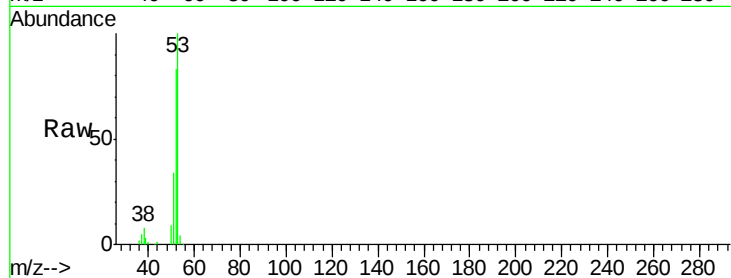
Tot Ion: 53 Resp: 137798

Ion Ratio Lower Upper

53 100

52 82.9 67.1 100.7

51 36.1 28.4 42.6



#16

Acetone

Concen: 84.29 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024894.D

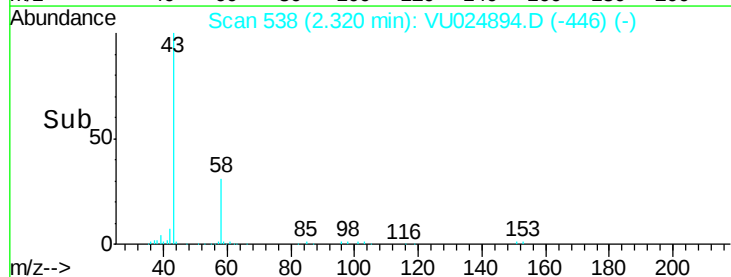
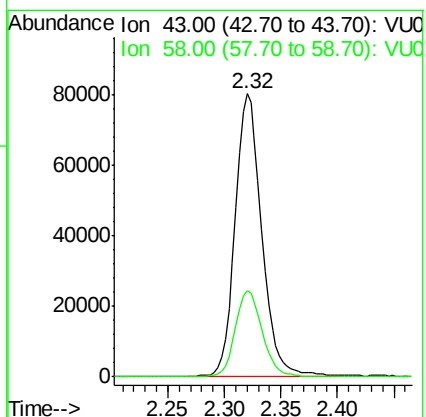
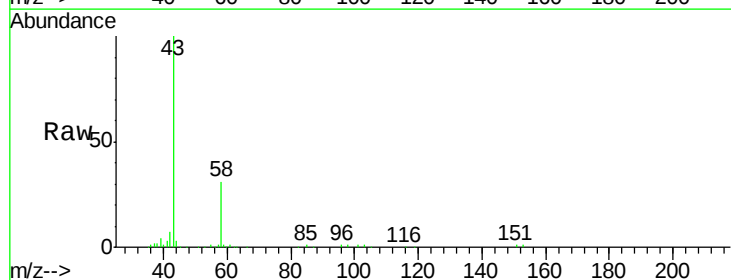
Acq: 25 Jun 2018 23:24

Tgt Ion: 43 Resp: 130398

Ion Ratio Lower Upper

43 100

58 30.7 24.4 36.6





#17

Carbon Disulfide

Concen: 16.06 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

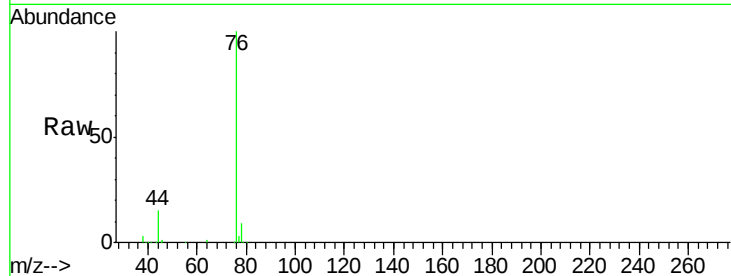
ClientSampleId :

Tot Ion: 76 Resp: 103274

Ion Ratio Lower Upper

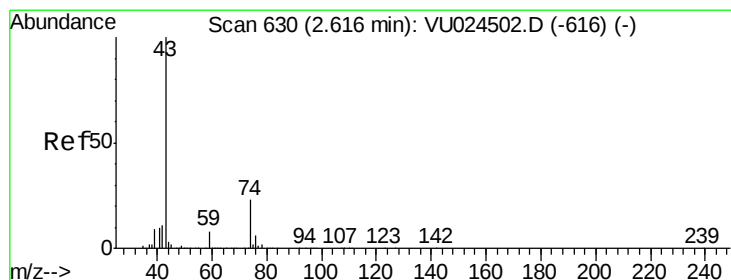
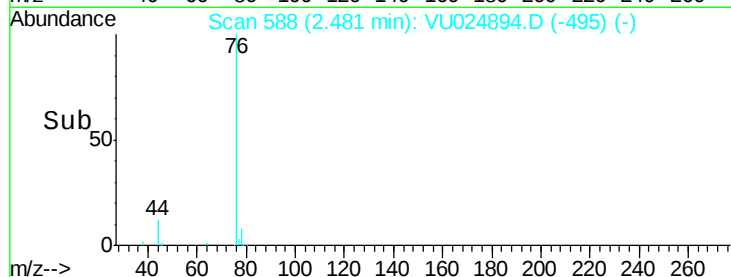
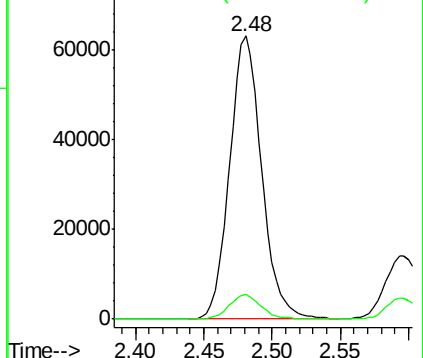
76 100

78 8.6 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 22.05 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU024894.D

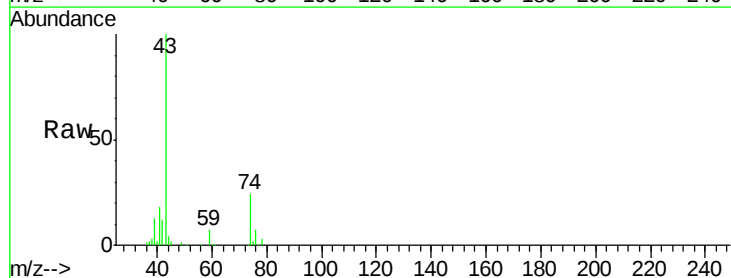
Acq: 25 Jun 2018 23:24

Tgt Ion: 43 Resp: 73119

Ion Ratio Lower Upper

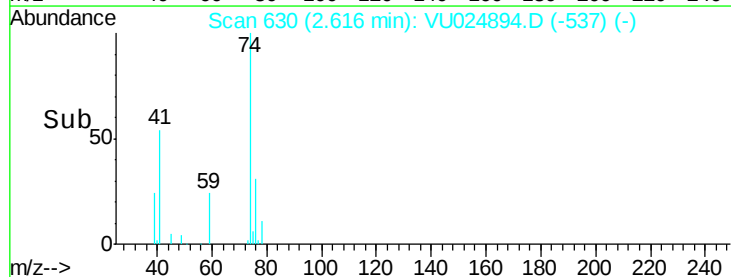
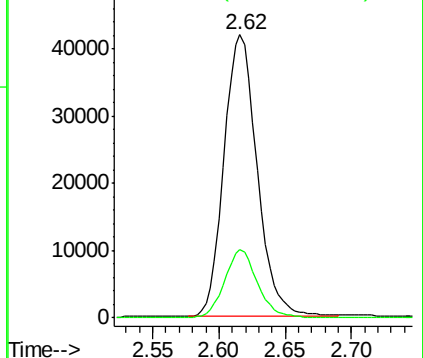
43 100

74 24.2 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





#19

Methyl tert-butyl Ether

Concen: 20.47 ug/l

RT: 3.00 min Scan# 749

Delta R.T. -0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

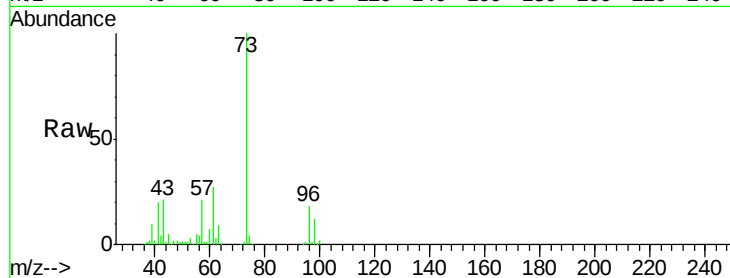
ClientSampleId :

Tot Ion: 73 Resp: 154509

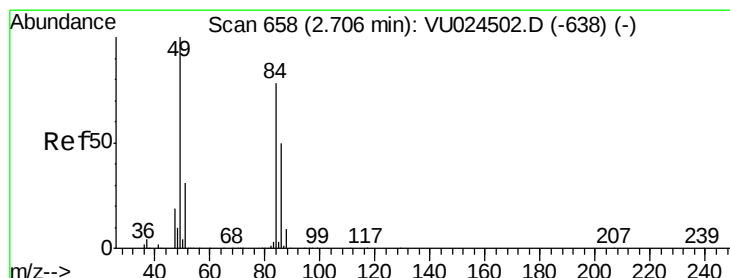
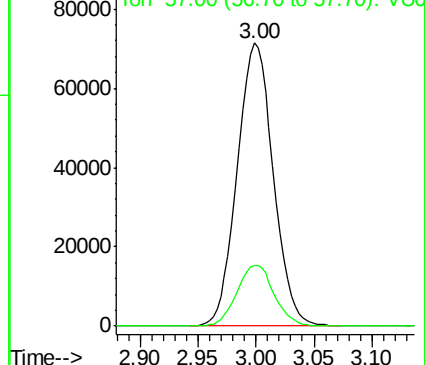
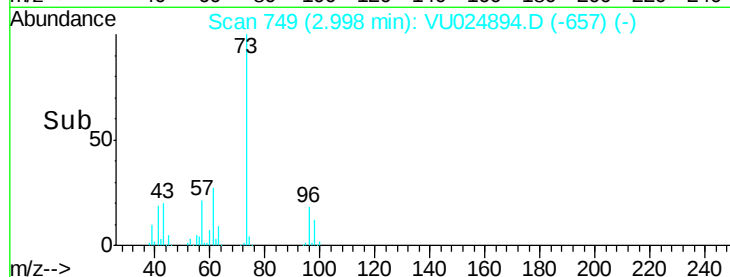
Ion Ratio Lower Upper

73 100

57 21.5 18.8 28.2



Abundance Ion 73.00 (72.70 to 73.70): VU024894.D (-657) (-)



#20

Methylene Chloride

Concen: 21.12 ug/l

RT: 2.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Tgt Ion: 84 Resp: 51252

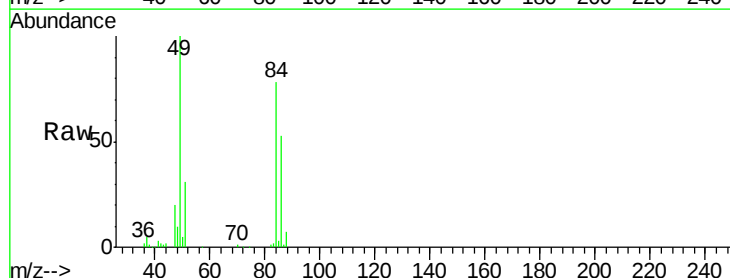
Ion Ratio Lower Upper

84 100

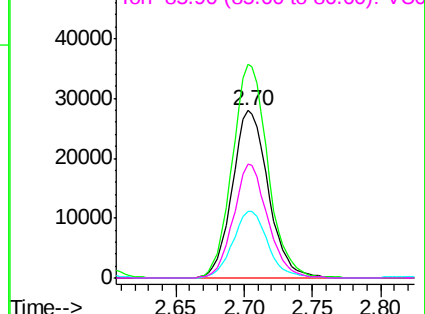
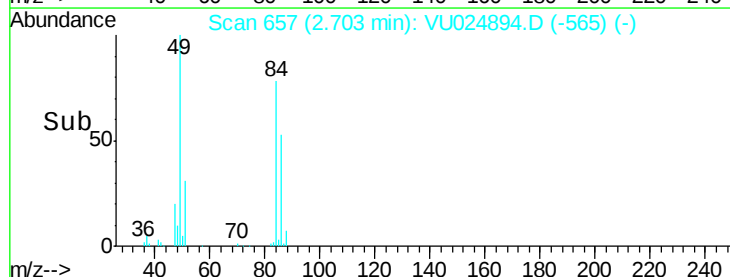
49 127.7 103.8 155.8

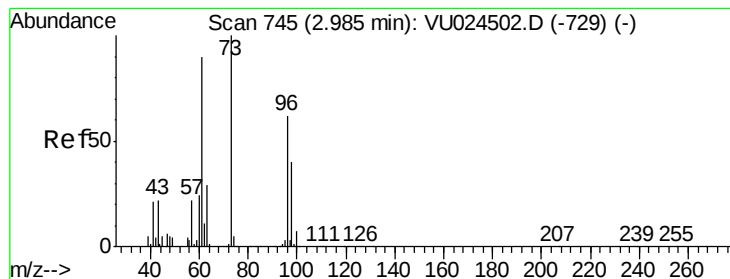
51 39.5 32.0 48.0

86 67.8 51.6 77.4



Abundance Ion 83.90 (83.60 to 84.60): VU024894.D (-565) (-)





#21

trans-1,2-Dichloroethene

Concen: 18.64 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :
MSVOA_U
ClientSampleId :

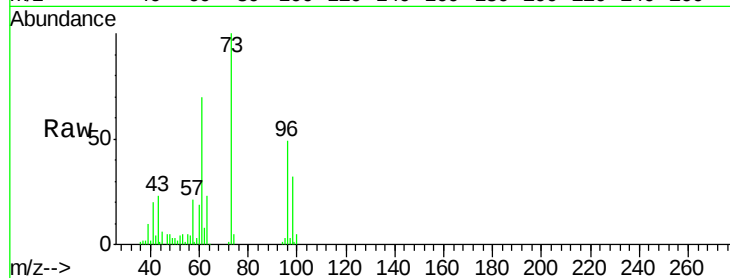
Tot Ion: 96 Resp: 41225

Ion Ratio Lower Upper

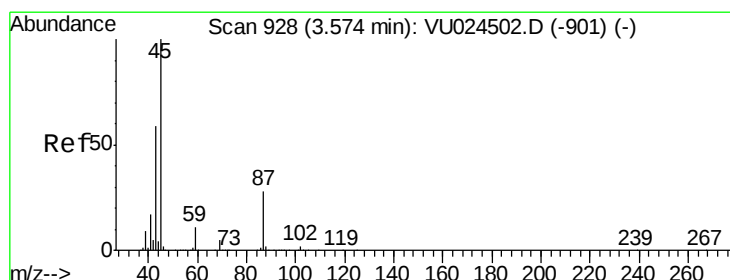
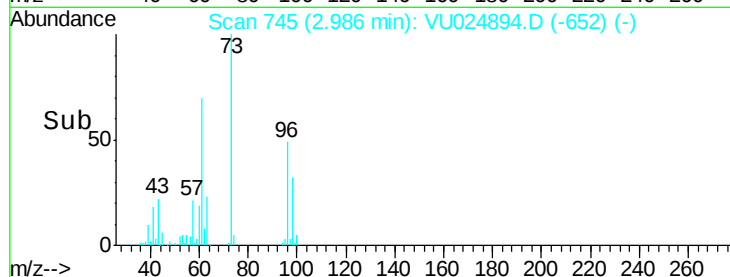
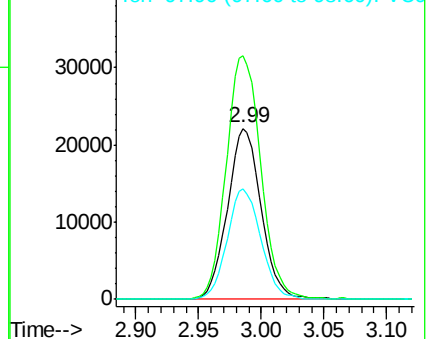
96 100

61 142.6 119.4 179.0

98 64.4 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: 20.13 ug/l

RT: 3.57 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Tgt Ion: 45 Resp: 148787

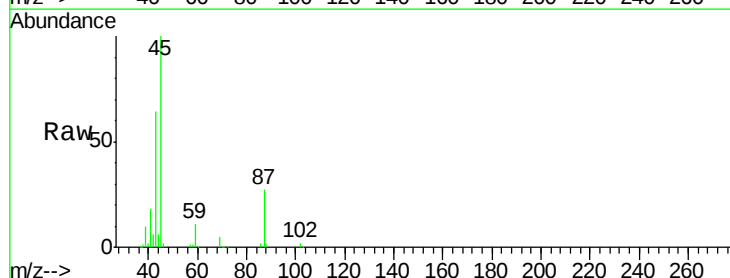
Ion Ratio Lower Upper

45 100

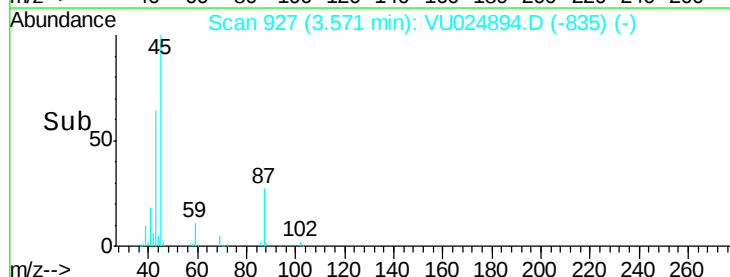
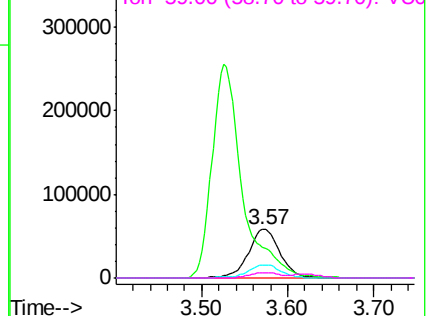
43 62.7 45.8 68.6

87 27.3 20.6 31.0

59 11.2 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: 94.71 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

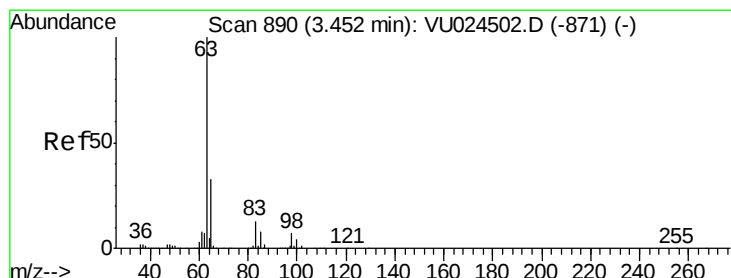
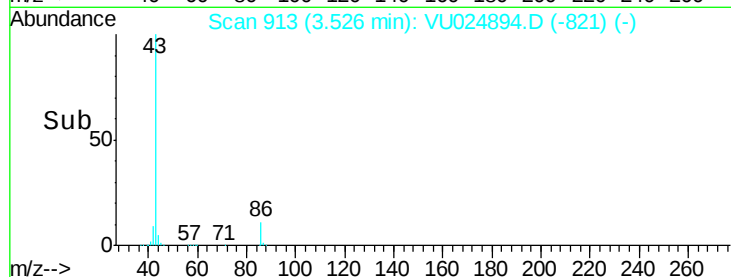
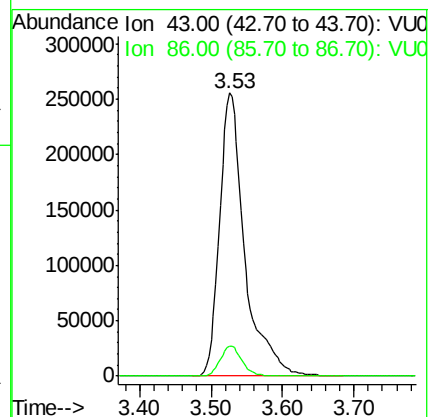
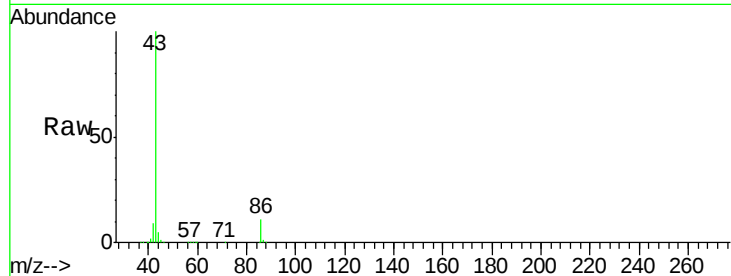
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 627051

Ion Ratio Lower Upper

43 100

86 10.7 7.8 11.8



#24

1,1-Dichloroethane

Concen: 20.29 ug/l

RT: 3.45 min Scan# 890

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

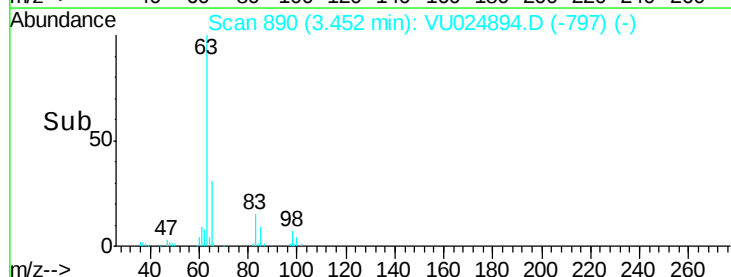
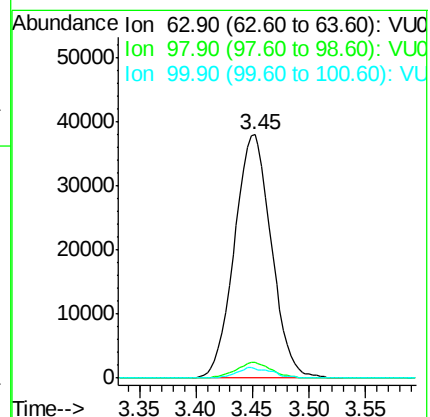
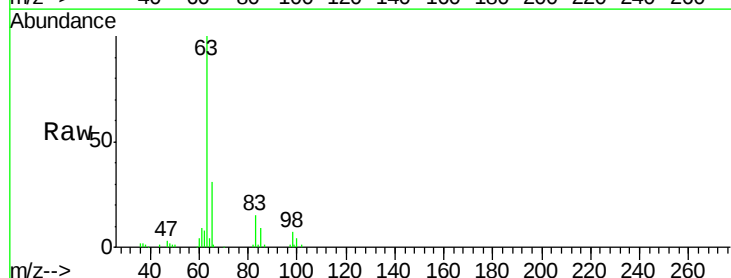
Tgt Ion: 63 Resp: 86263

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

100 3.7 1.8 5.5

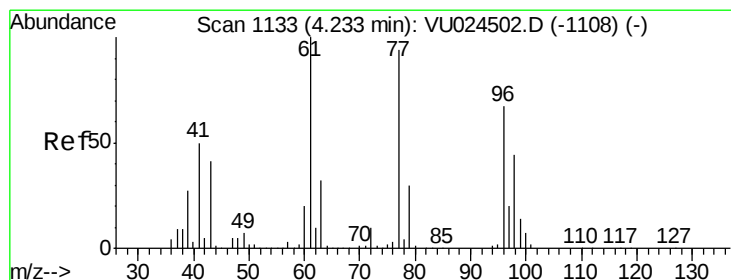
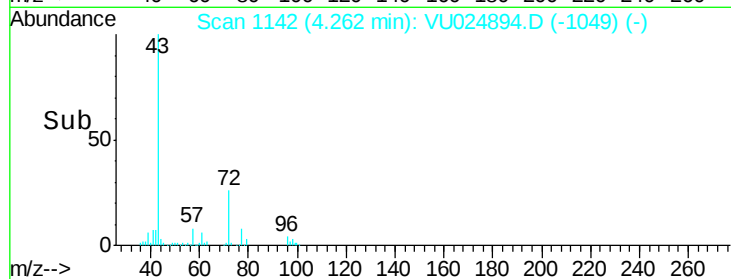
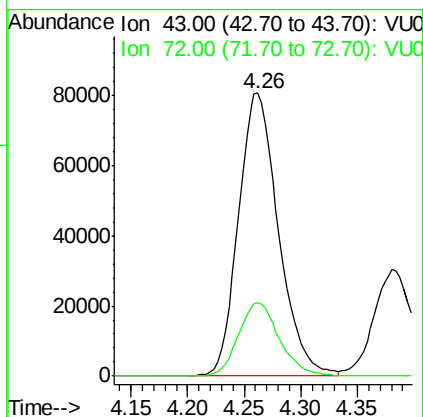
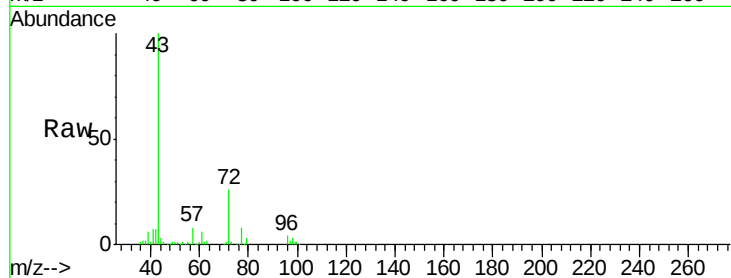




#25
2-Butanone
Concen: 94.80 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

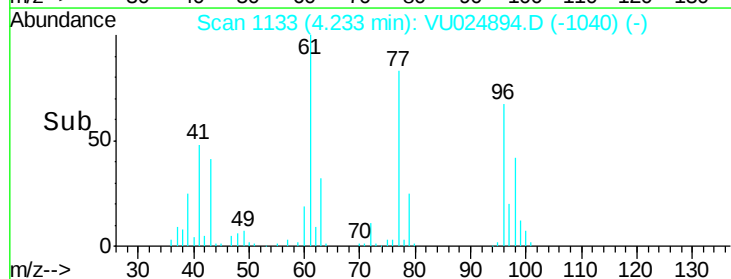
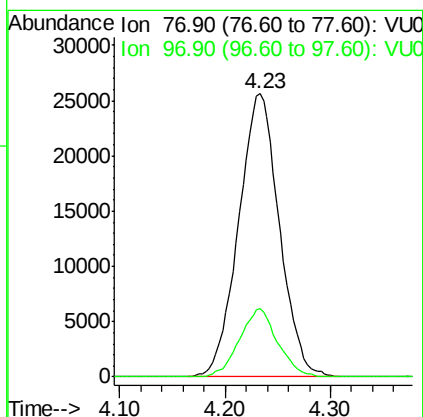
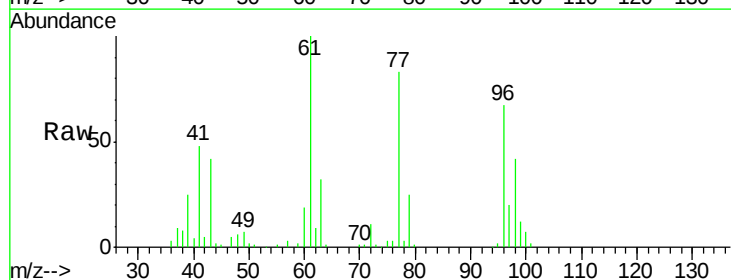
Instrument :
MSVOA_U
ClientSampleId :

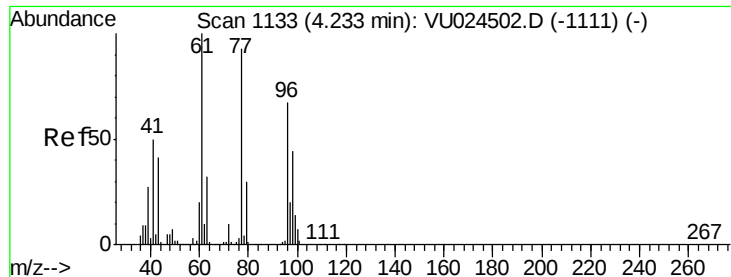
Tot Ion: 43 Resp: 196978
Ion Ratio Lower Upper
43 100
72 26.0 19.6 29.4



#26
2,2-Dichloropropane
Concen: 17.03 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Tgt Ion: 77 Resp: 68763
Ion Ratio Lower Upper
77 100
97 22.5 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 19.98 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :
MSVOA_U
ClientSampleId :

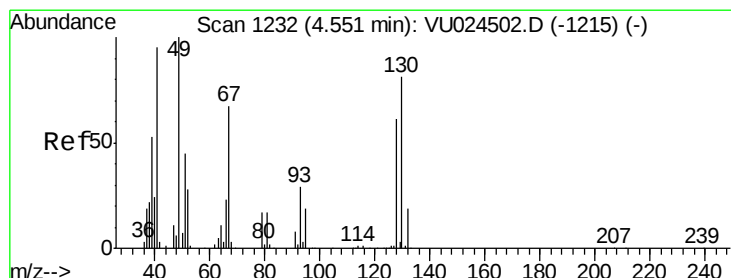
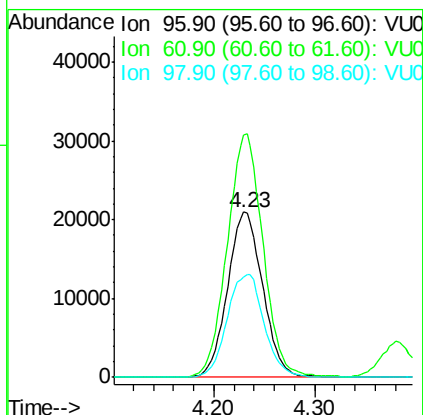
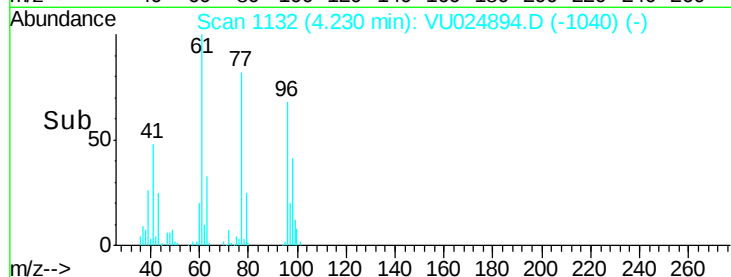
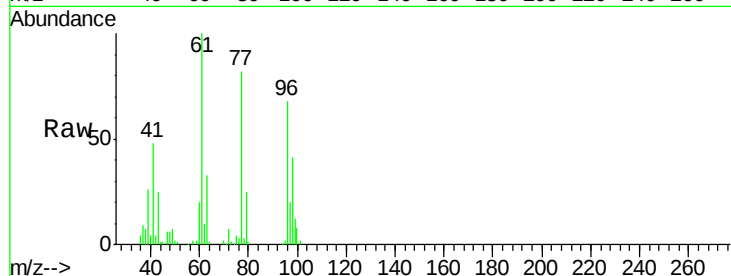
Tot Ion: 96 Resp: 50797

Ion Ratio Lower Upper

96 100

61 150.1 0.0 306.6

98 65.5 0.0 128.8



#28

Bromochloromethane

Concen: 18.45 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

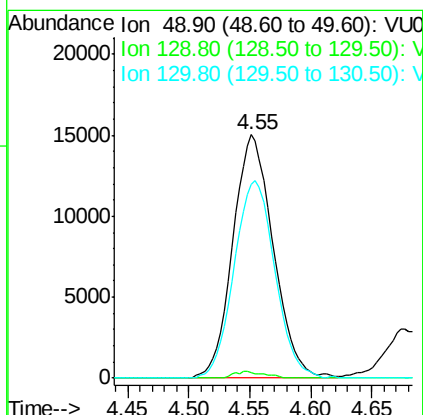
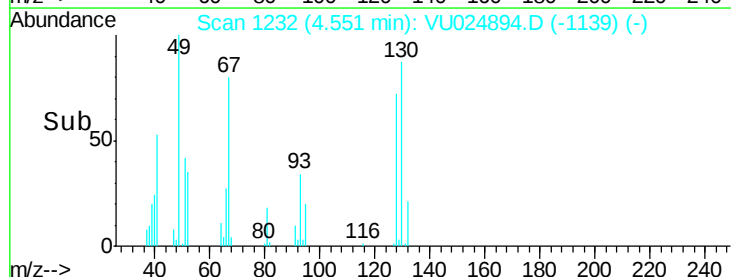
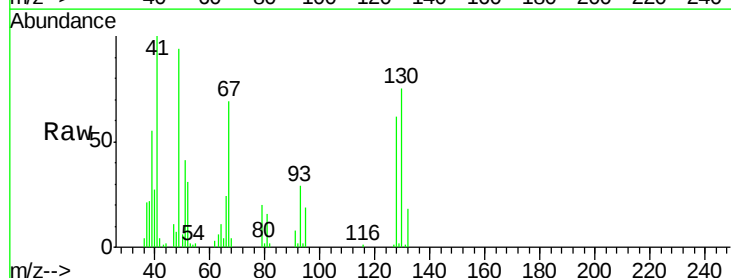
Tgt Ion: 49 Resp: 34561

Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 81.6 57.8 86.6

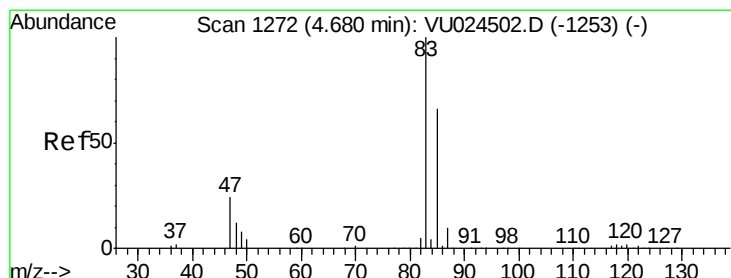
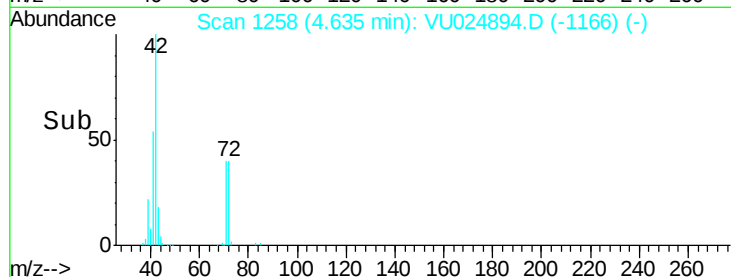
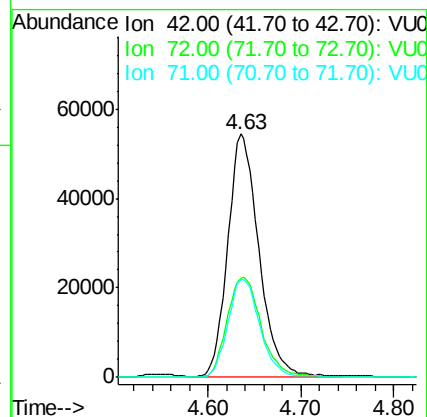
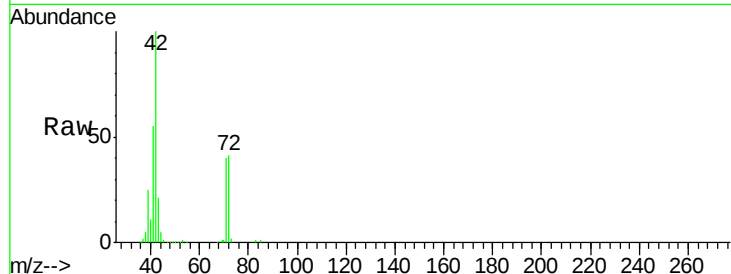




#29
Tetrahydrofuran
Concen: 97.91 ug/l
RT: 4.63 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

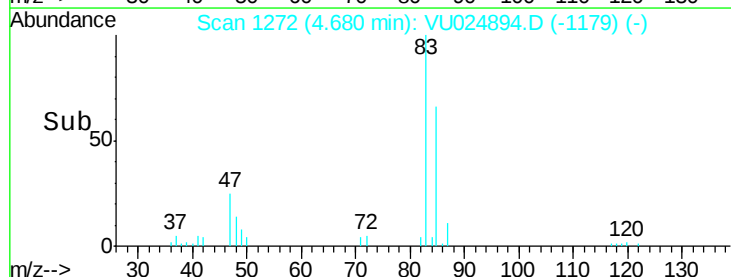
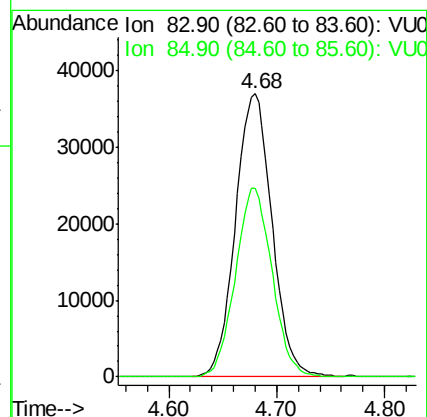
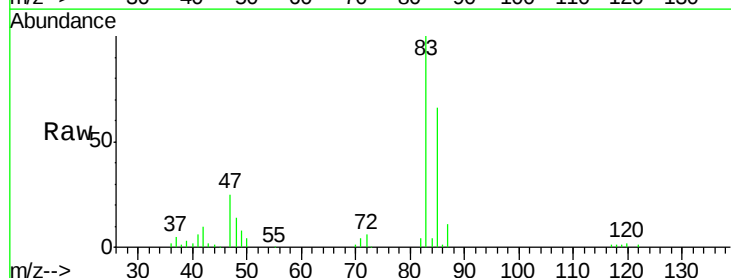
Instrument :
MSVOA_U
ClientSampleId :

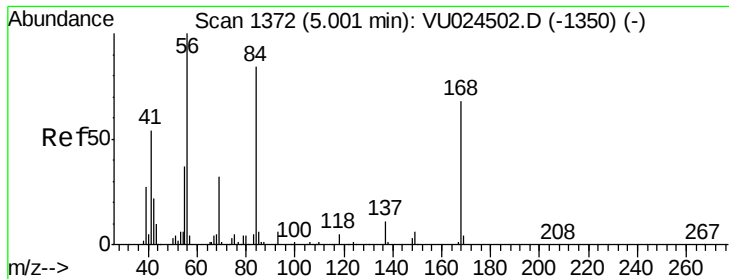
Tot Ion: 42 Resp: 125992
Ion Ratio Lower Upper
42 100
72 45.4 34.5 51.7
71 41.5 32.2 48.4



#30
Chloroform
Concen: 20.26 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Tgt Ion: 83 Resp: 87206
Ion Ratio Lower Upper
83 100
85 66.5 52.4 78.6





#31

Cyclohexane

Concen: 18.64 ug/l

RT: 5.00 min Scan# 1371

Delta R.T. -0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :
MSVOA_U
ClientSampleId :

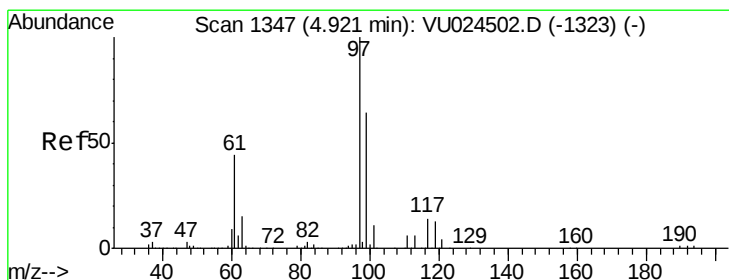
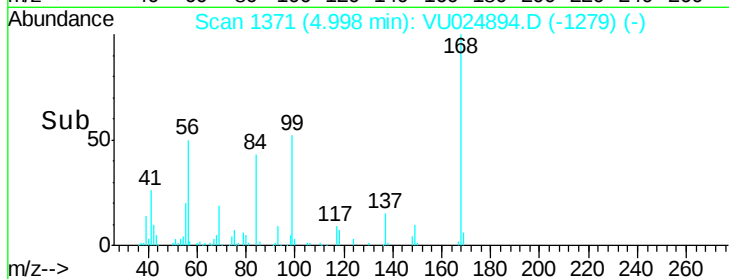
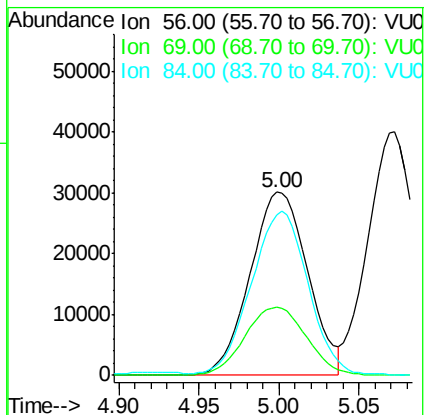
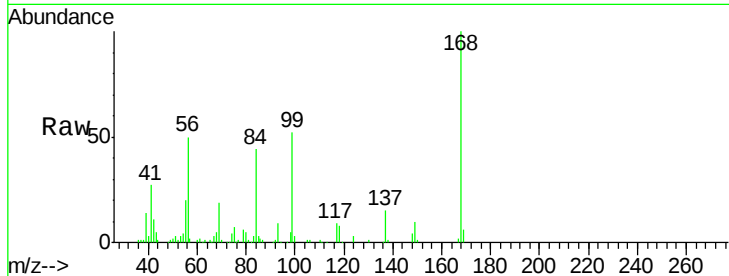
Tot Ion: 56 Resp: 75066

Ion Ratio Lower Upper

56 100

69 36.7 24.8 37.2

84 86.7 65.2 97.8



#32

1,1,1-Trichloroethane

Concen: 19.92 ug/l

RT: 4.92 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

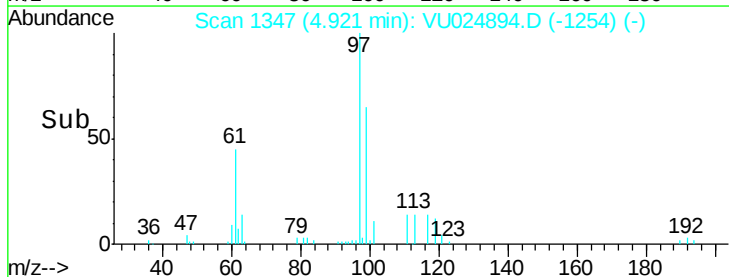
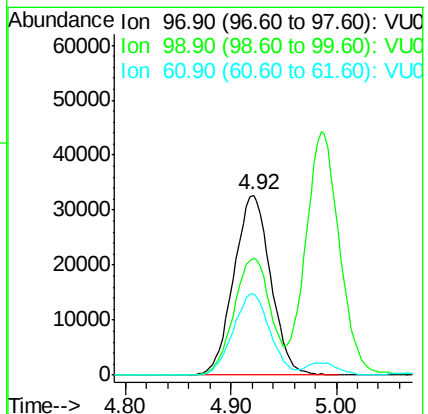
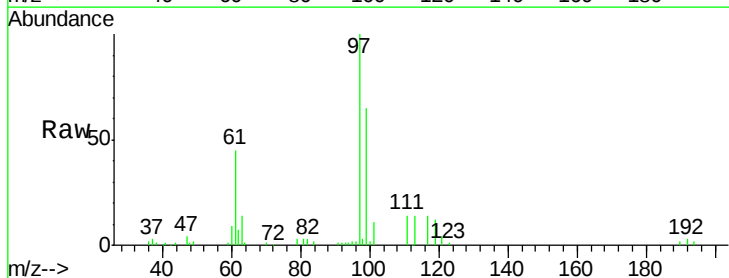
Tgt Ion: 97 Resp: 79278

Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.6

61 45.1 39.4 59.0

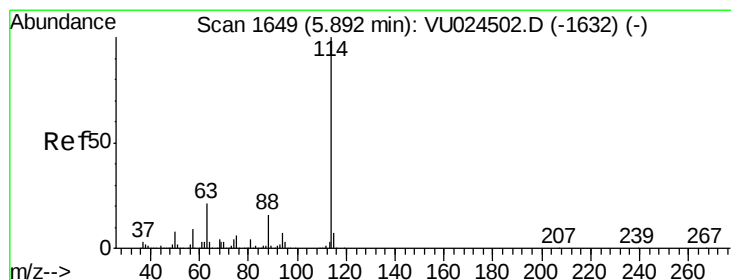
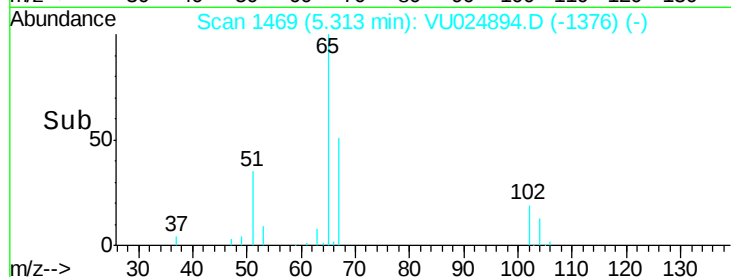
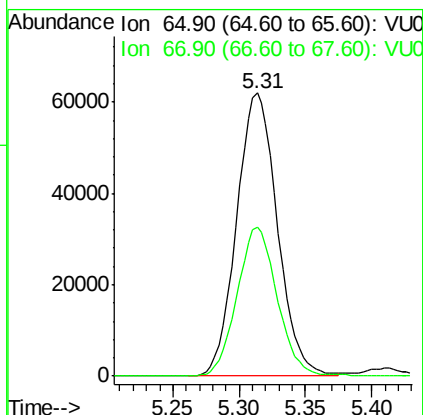
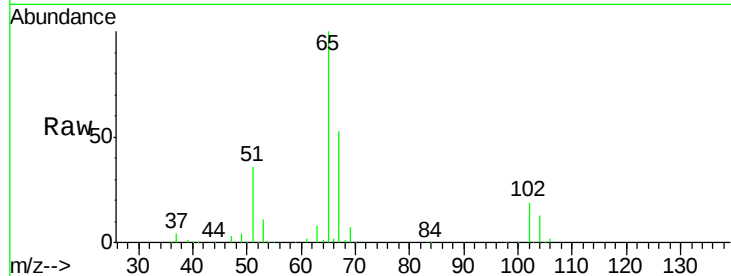




#33
 1,2-Dichloroethane-d4
 Concen: 46.05 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024894.D
 Acq: 25 Jun 2018 23:24

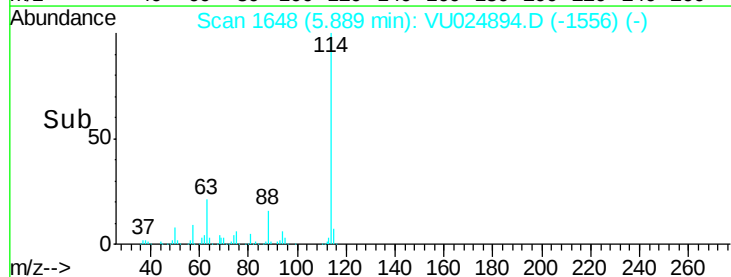
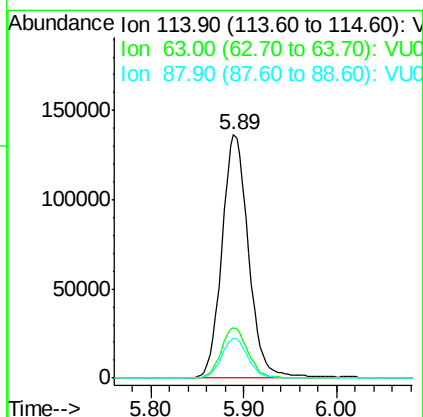
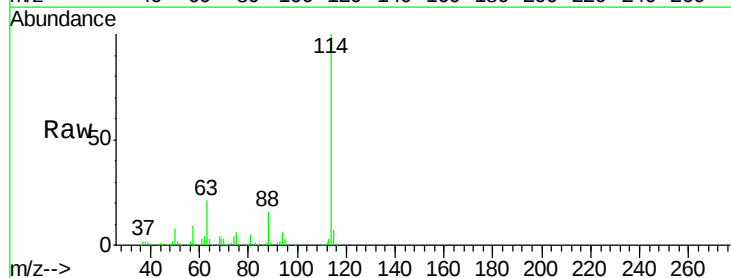
Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 65 Resp: 132575
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024894.D
 Acq: 25 Jun 2018 23:24

Tgt Ion: 114 Resp: 271872
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 45.4
 88 16.2 0.0 31.0

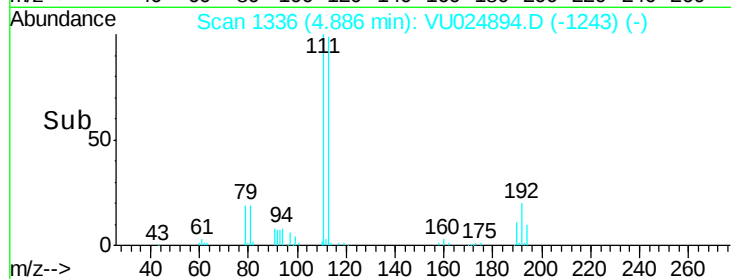
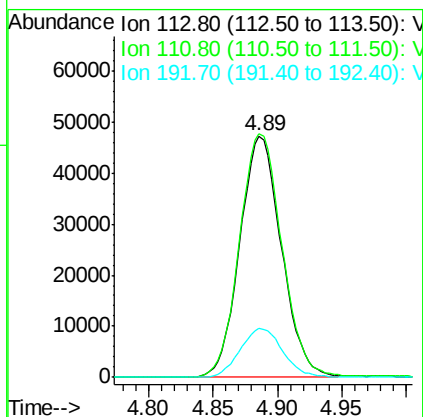
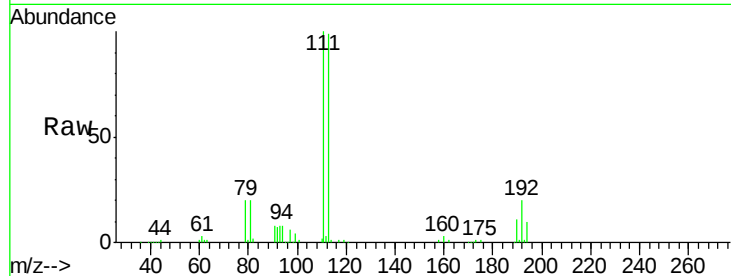




#35
 Dibromofluoromethane
 Concen: 46.93 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU024894.D
 Acq: 25 Jun 2018 23:24

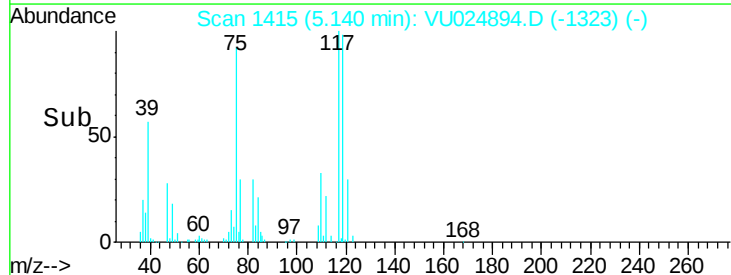
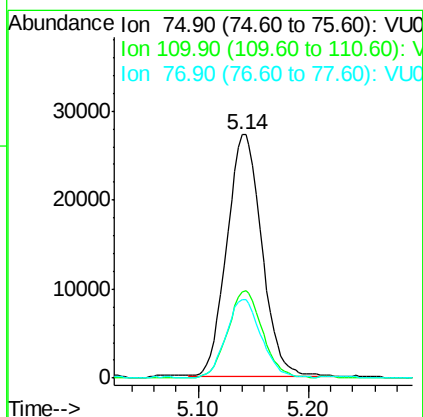
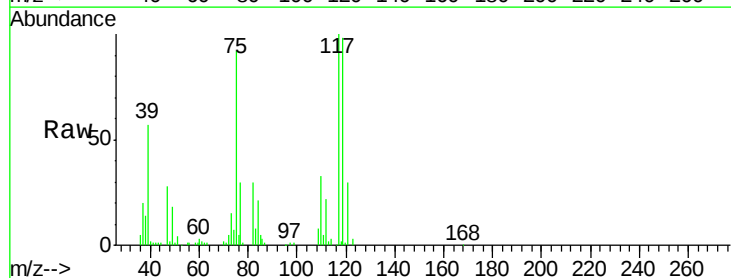
Instrument :
 MSVOA_U
 ClientSampled :

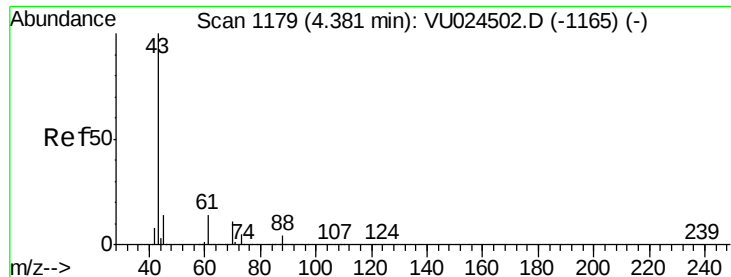
Tot Ion:113 Resp: 105894
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.2 123.4
 192 20.8 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 18.83 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU024894.D
 Acq: 25 Jun 2018 23:24

Tgt Ion: 75 Resp: 60152
 Ion Ratio Lower Upper
 75 100
 110 35.8 17.0 50.9
 77 32.5 24.2 36.4

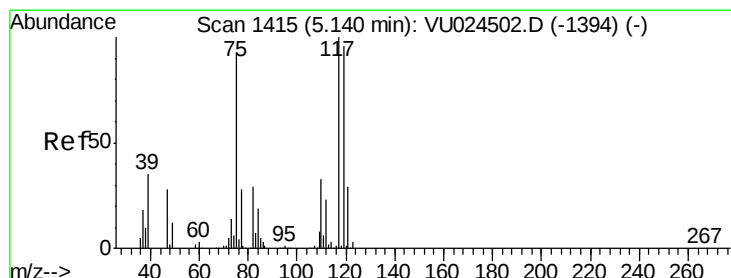
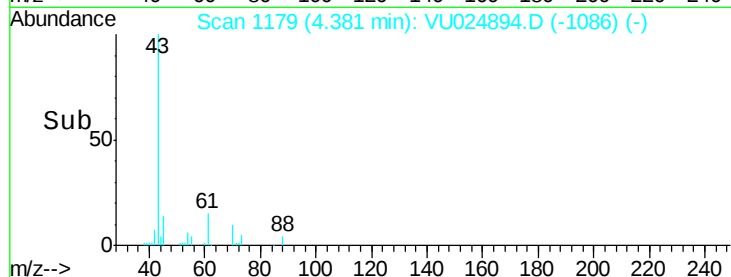
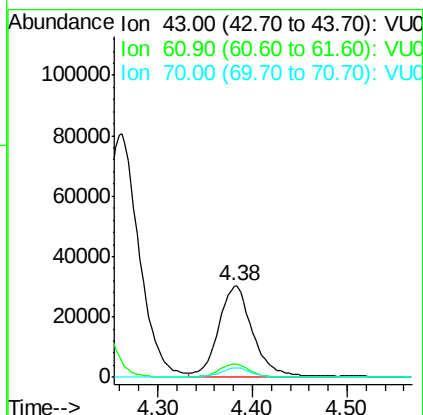
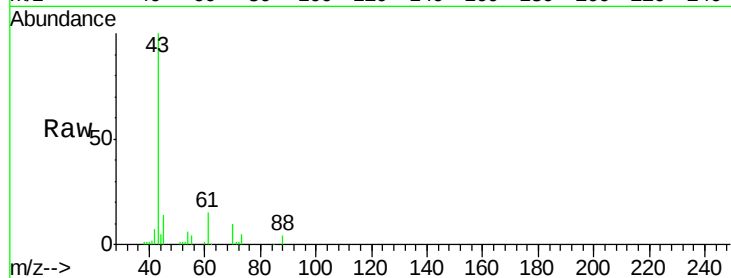




#37
Ethyl Acetate
Concen: 21.32 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

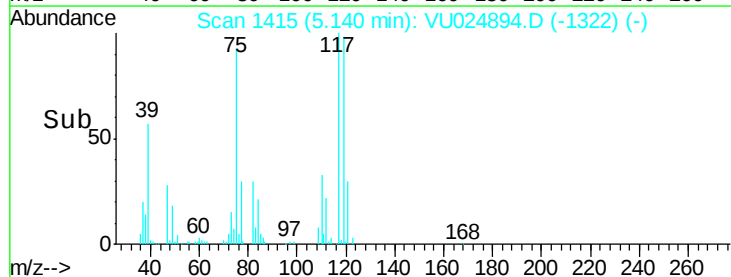
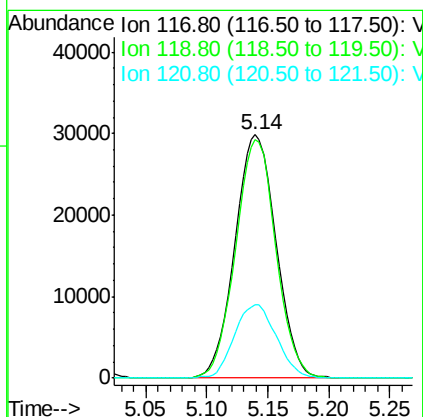
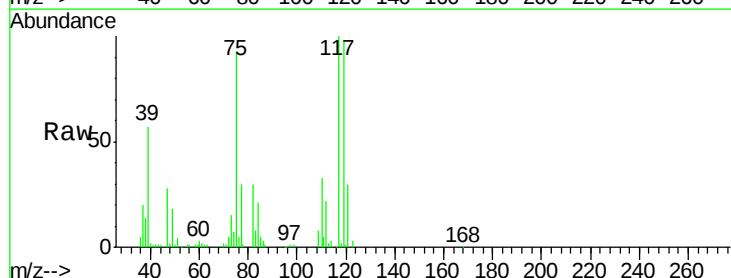
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 74219
Ion Ratio Lower Upper
43 100
61 13.9 10.5 15.7
70 9.6 7.4 11.2



#38
Carbon Tetrachloride
Concen: 19.85 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Tgt Ion: 117 Resp: 69747
Ion Ratio Lower Upper
117 100
119 97.7 76.1 114.1
121 30.1 23.7 35.5

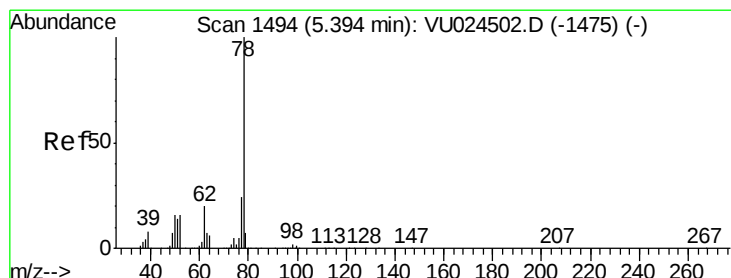
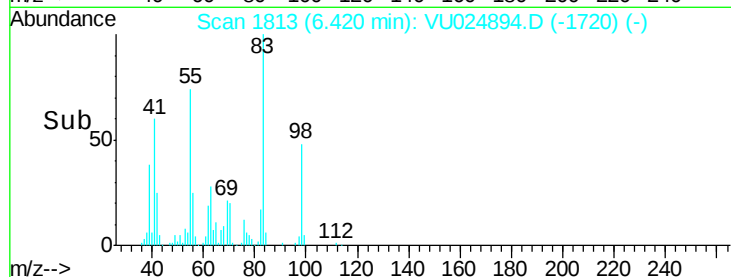
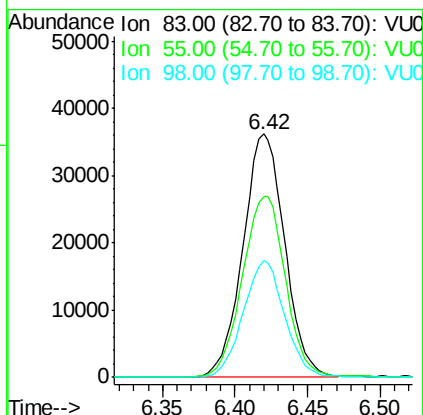
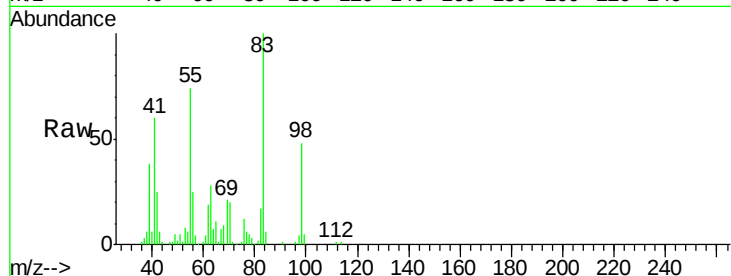




#39
Methvlcvclohexane
Concen: 18.24 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

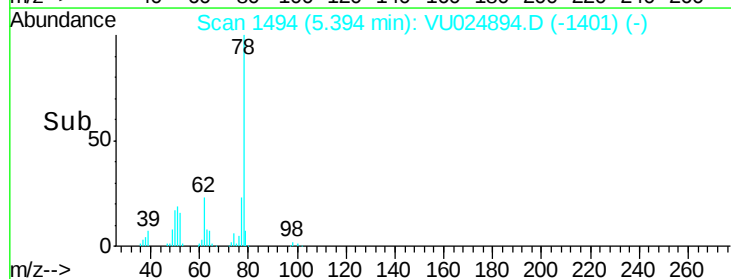
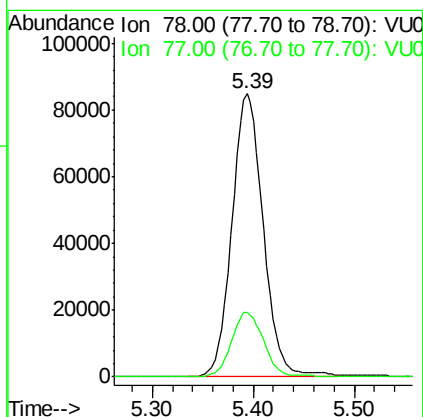
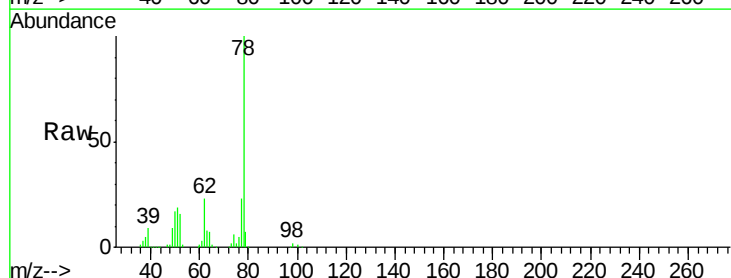
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 72734
Ion Ratio Lower Upper
83 100
55 74.0 65.8 98.6
98 47.9 36.7 55.1



#40
Benzene
Concen: 20.08 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Tgt Ion: 78 Resp: 182817
Ion Ratio Lower Upper
78 100
77 22.9 19.2 28.8

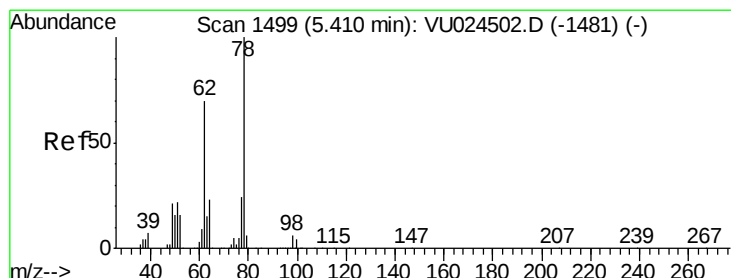
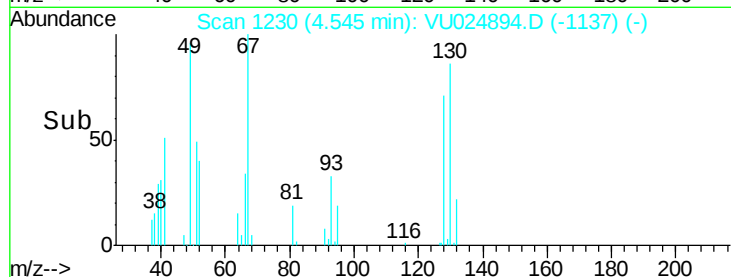
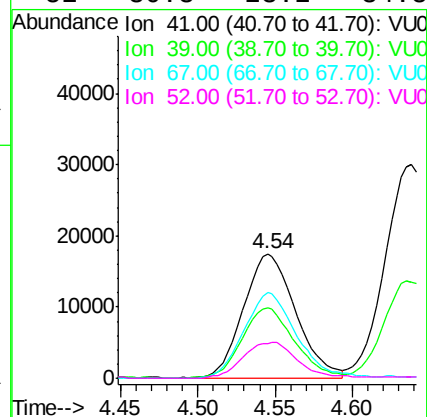
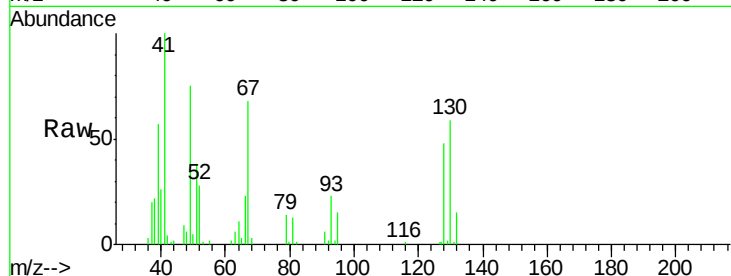




#41
Methacrylonitrile
Concen: 21.87 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

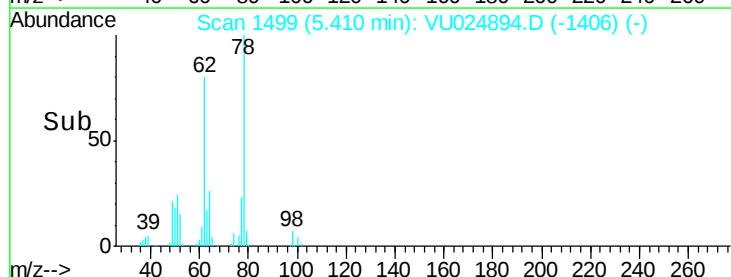
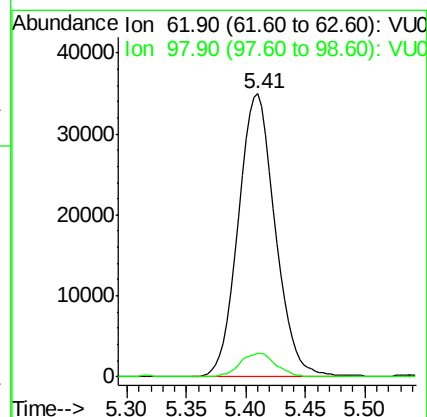
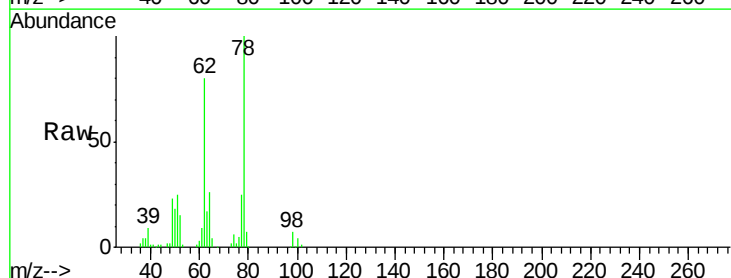
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 41 Resp: 41061
Ion Ratio Lower Upper
41 100
39 57.0 43.8 65.6
67 69.2 56.3 84.5
52 30.3 23.2 34.8



#42
1,2-Dichloroethane
Concen: 21.72 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Tgt Ion: 62 Resp: 75306
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.6





#43

Isopropyl Acetate

Concen: 19.70 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

ClientSampleId :

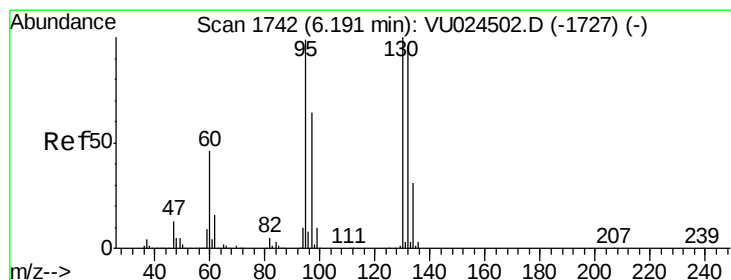
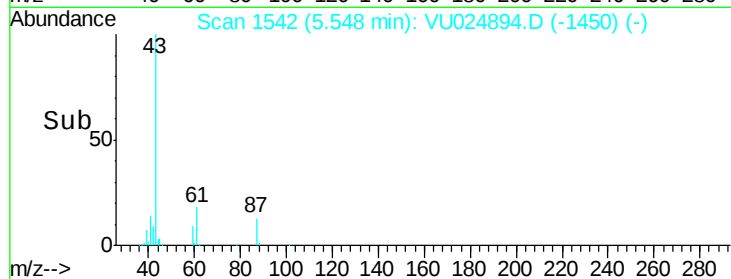
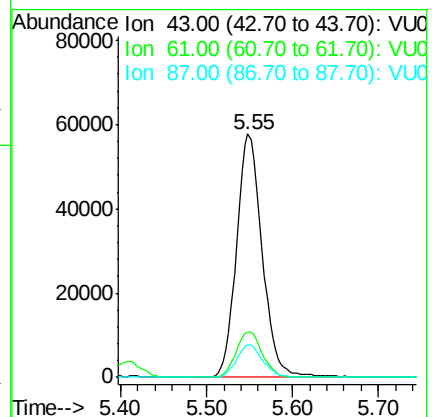
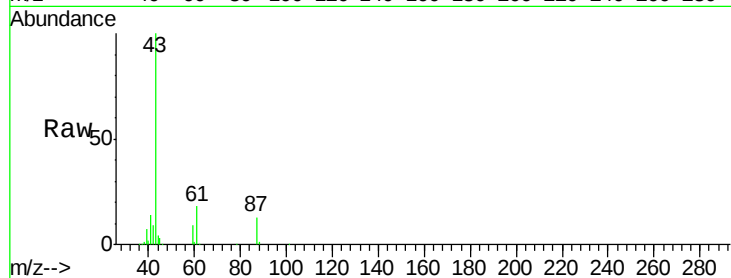
Tot Ion: 43 Resp: 118580

Ion Ratio Lower Upper

43 100

61 19.3 15.4 23.0

87 13.6 10.0 15.0



#44

Trichloroethene

Concen: 19.43 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024894.D

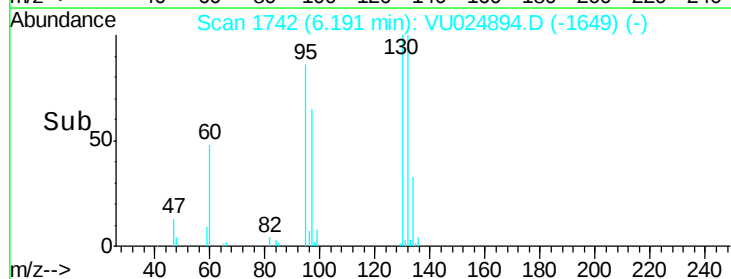
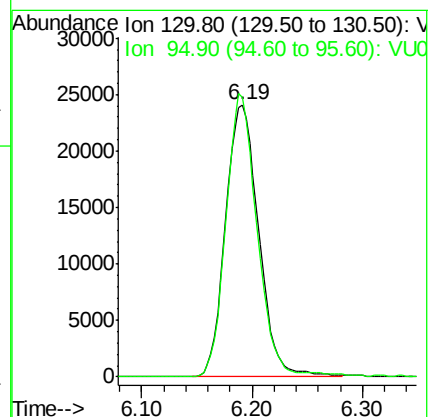
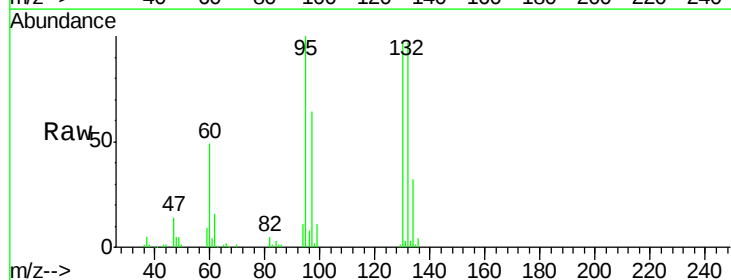
Acq: 25 Jun 2018 23:24

Tgt Ion:130 Resp: 50343

Ion Ratio Lower Upper

130 100

95 102.6 0.0 202.4

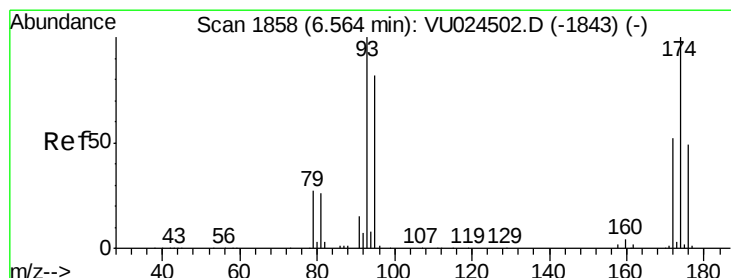
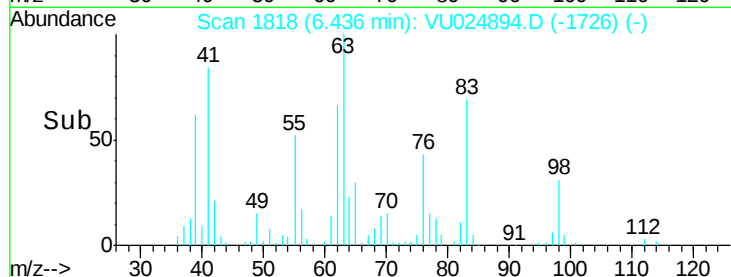
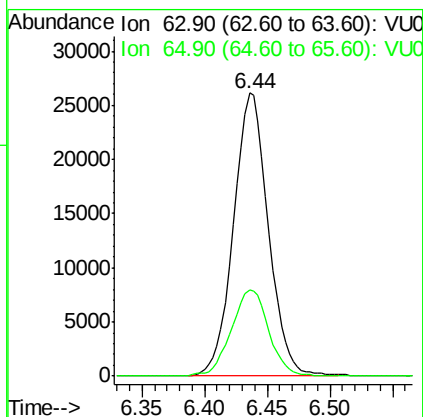
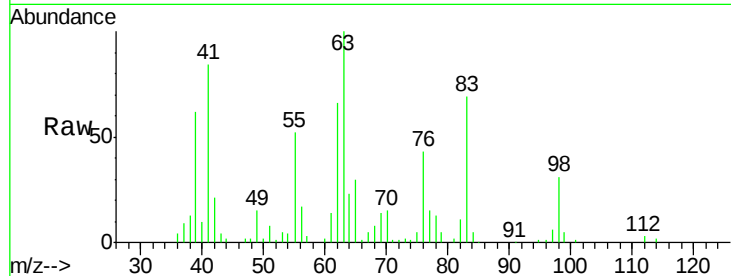




#45
 1,2-Dichloropropane
 Concen: 20.78 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU024894.D
 Acq: 25 Jun 2018 23:24

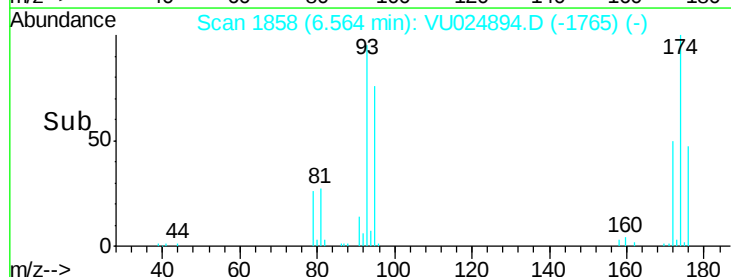
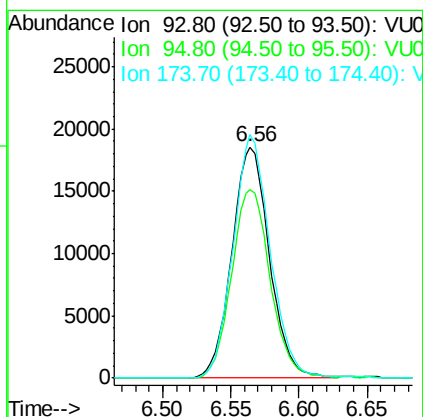
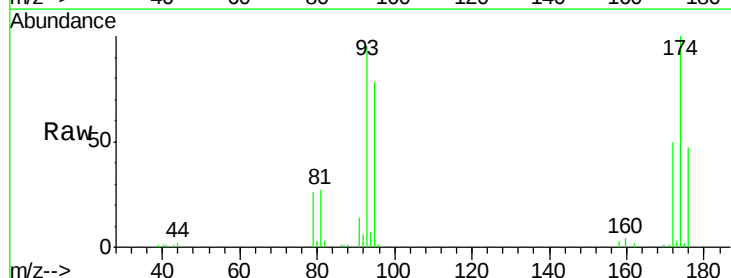
Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 63 Resp: 50481
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.8 37.2



#46
 Dibromomethane
 Concen: 20.85 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU024894.D
 Acq: 25 Jun 2018 23:24

Tgt Ion: 93 Resp: 35565
 Ion Ratio Lower Upper
 93 100
 95 83.5 65.5 98.3
 174 103.6 78.7 118.1





#47

Bromodichloromethane

Concen: 20.23 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :
MSVOA_U
ClientSampleId :

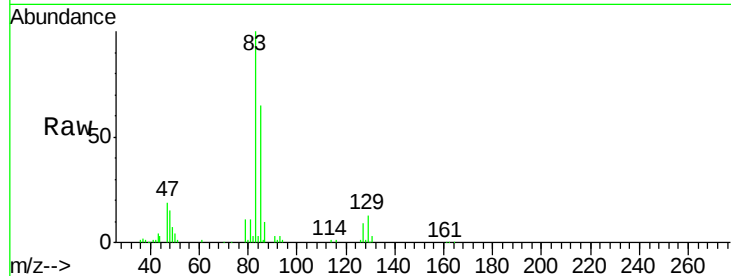
Tot Ion: 83 Resp: 68735

Ion Ratio Lower Upper

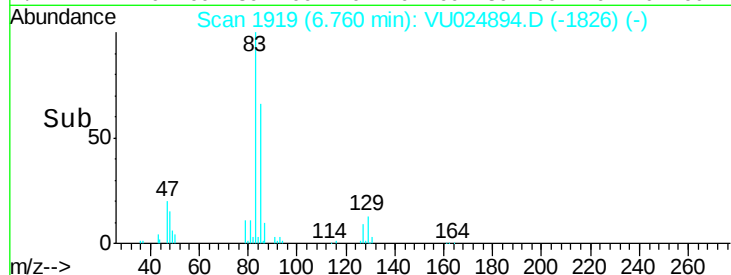
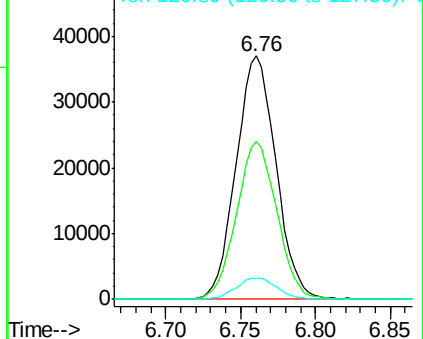
83 100

85 65.1 51.9 77.9

127 8.7 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: 20.42 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

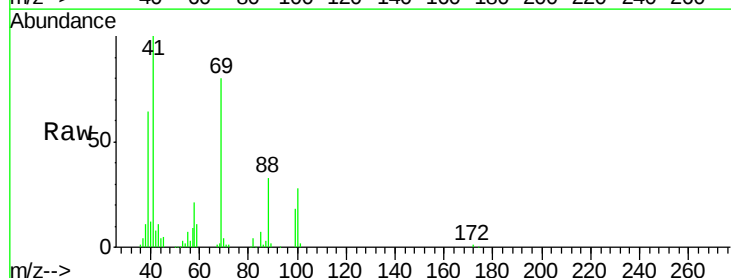
Tgt Ion: 41 Resp: 59833

Ion Ratio Lower Upper

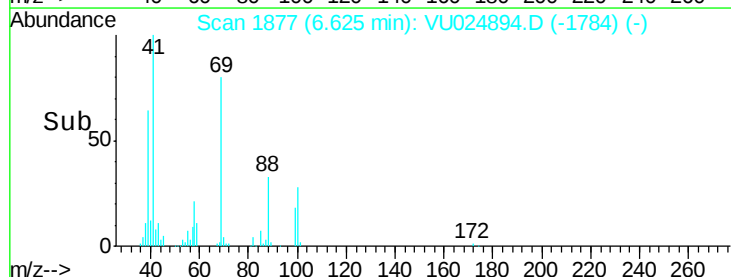
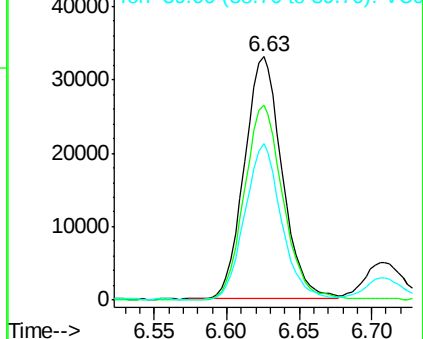
41 100

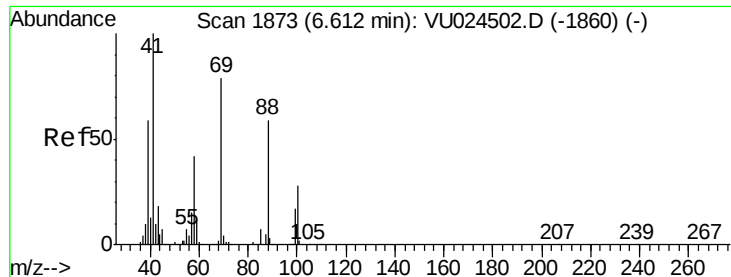
69 82.7 67.3 100.9

39 63.1 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

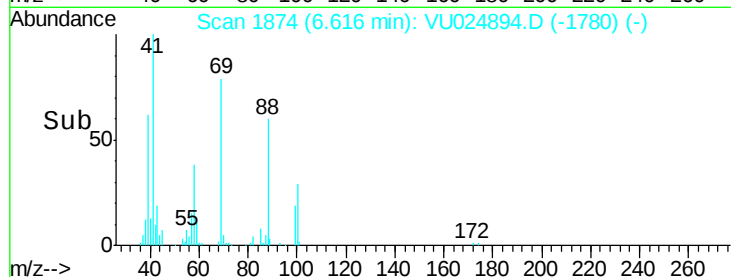
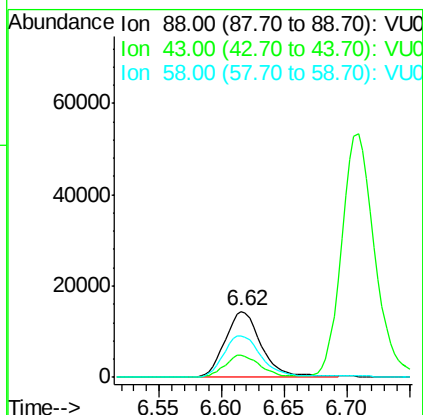
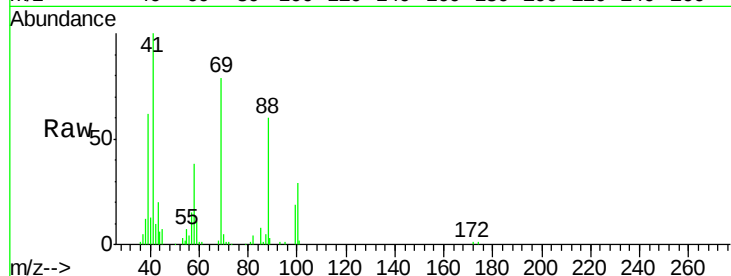




#49
1,4-Dioxane
Concen: 509.22 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

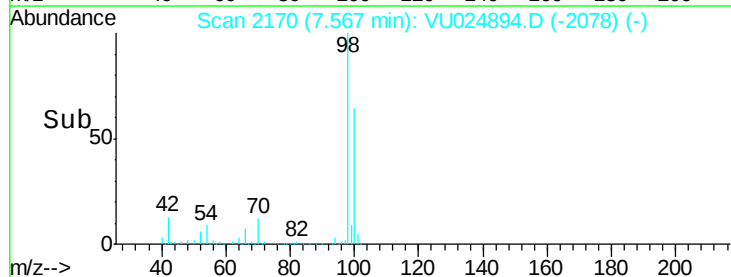
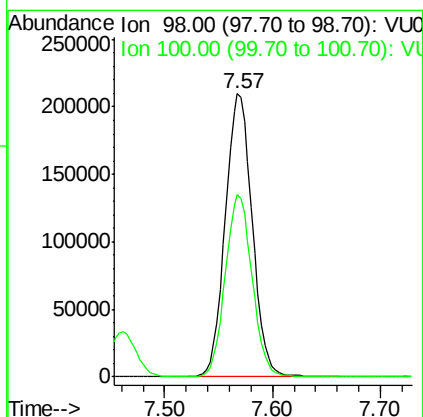
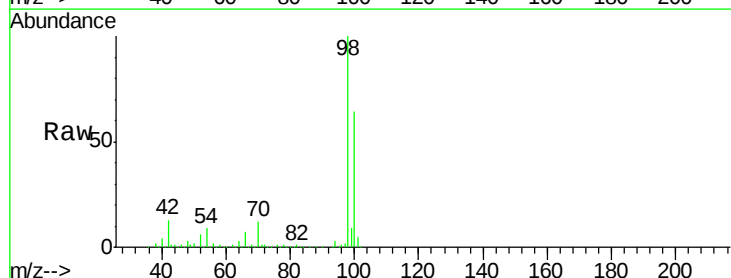
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 88 Resp: 29186
Ion Ratio Lower Upper
88 100
43 32.7 28.6 42.8
58 66.2 58.2 87.4



#50
Toluene-d8
Concen: 44.40 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Tgt Ion: 98 Resp: 365404
Ion Ratio Lower Upper
98 100
100 63.8 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 102.77 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

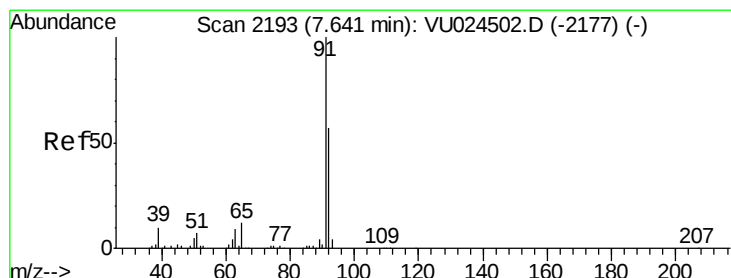
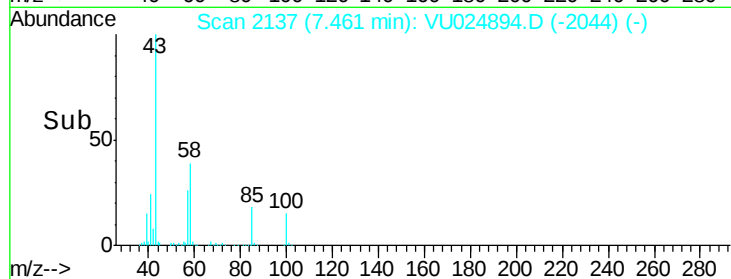
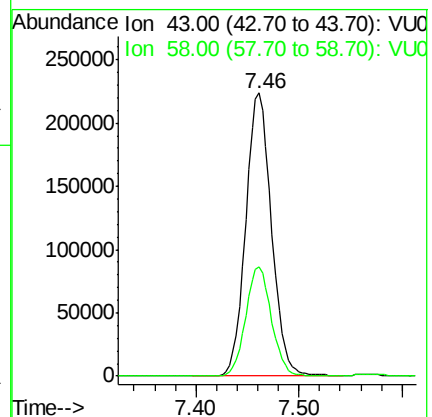
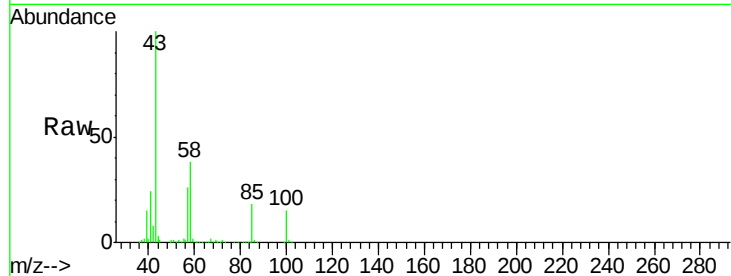
ClientSampled :

Tot Ion: 43 Resp: 388612

Ion Ratio Lower Upper

43 100

58 38.4 30.0 45.0



#52

Toluene

Concen: 19.94 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU024894.D

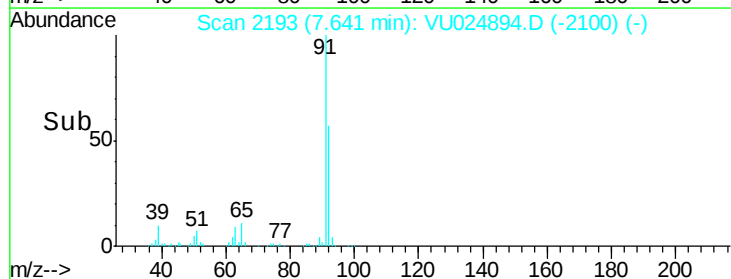
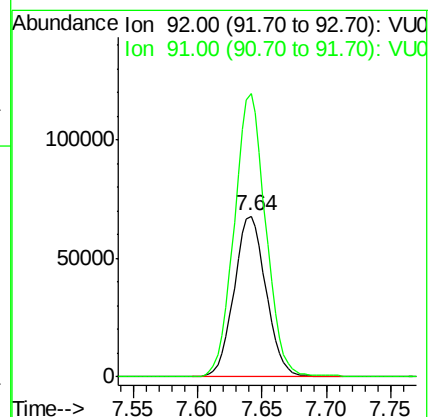
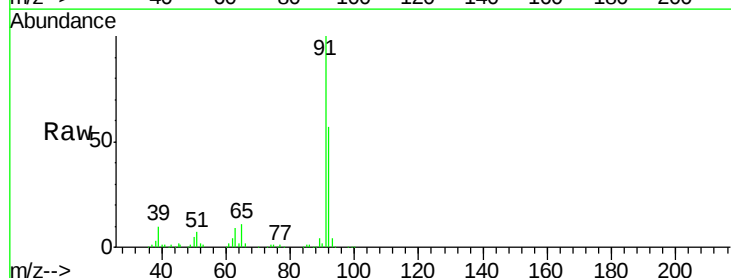
Acq: 25 Jun 2018 23:24

Tgt Ion: 92 Resp: 116769

Ion Ratio Lower Upper

92 100

91 174.1 140.5 210.7

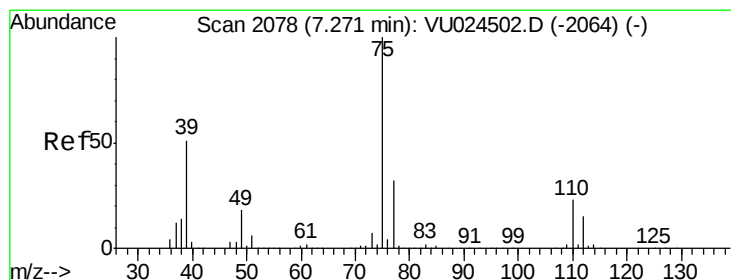
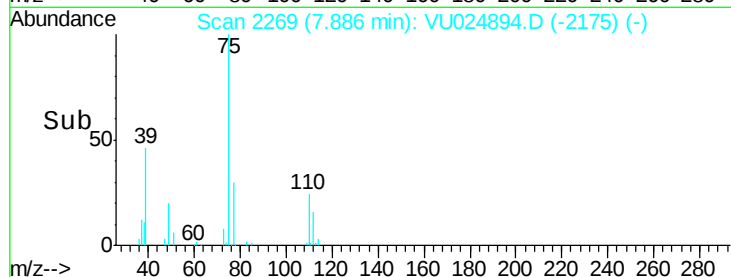
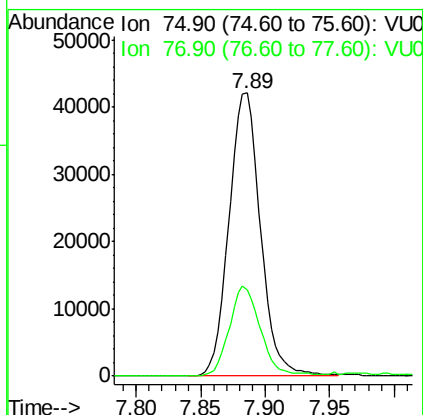
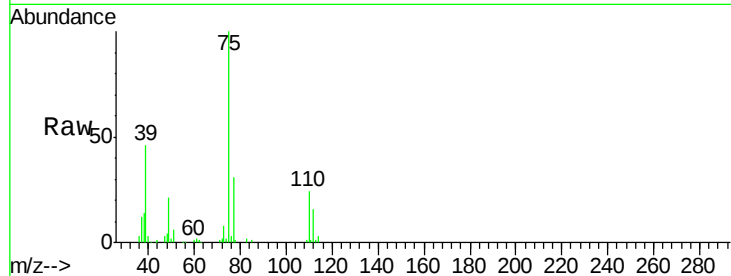




#53
t-1,3-Dichloropropene
Concen: 18.74 ug/l
RT: 7.89 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

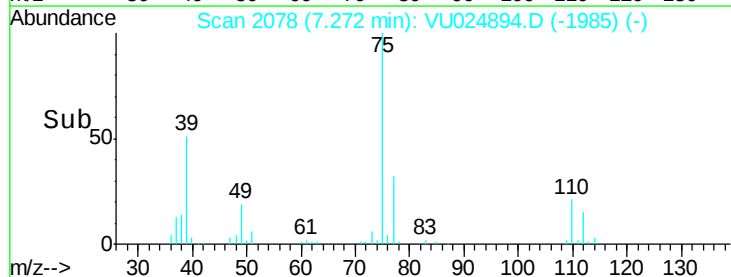
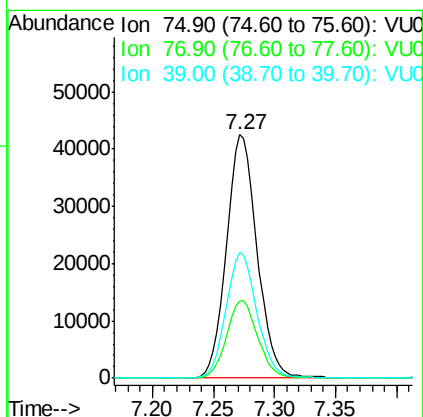
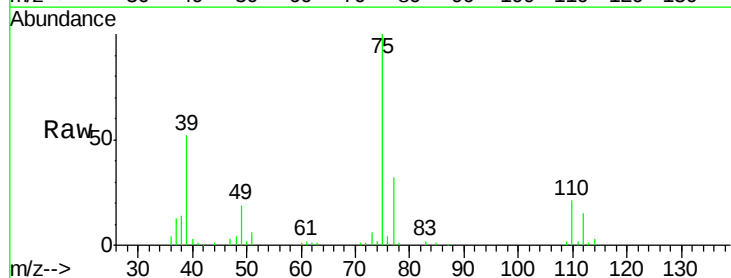
Instrument :
MSVOA_U
ClientSampleId :

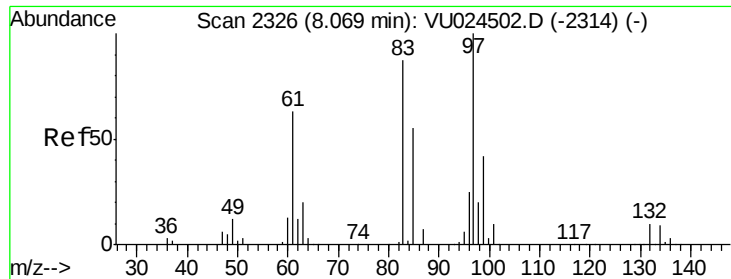
Tot Ion: 75 Resp: 71505
Ion Ratio Lower Upper
75 100
77 30.7 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 18.40 ug/l
RT: 7.27 min Scan# 2078
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Tgt Ion: 75 Resp: 74784
Ion Ratio Lower Upper
75 100
77 31.6 24.6 36.8
39 51.7 39.8 59.6

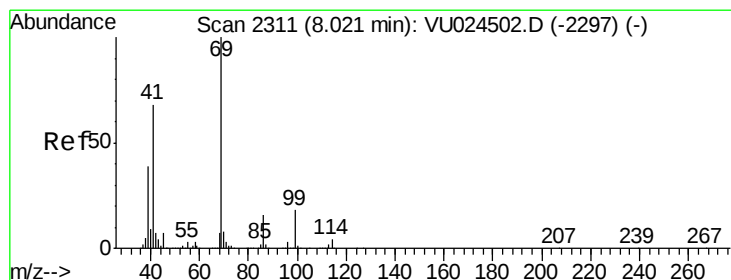
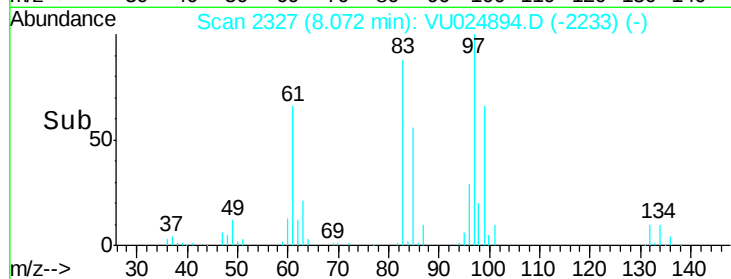
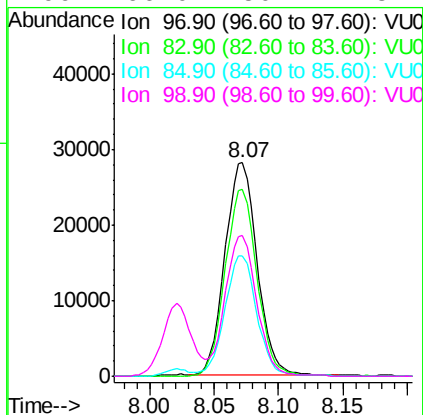
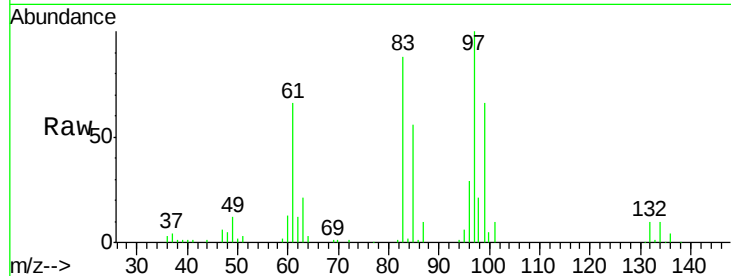




#55
 1,1,2-Trichloroethane
 Concen: 20.54 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU024894.D
 Acq: 25 Jun 2018 23:24

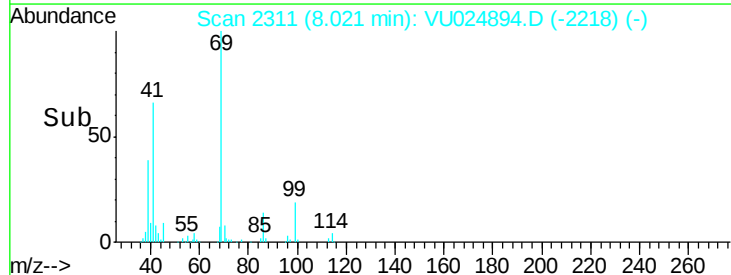
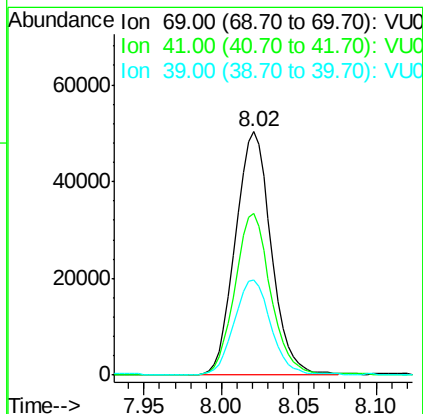
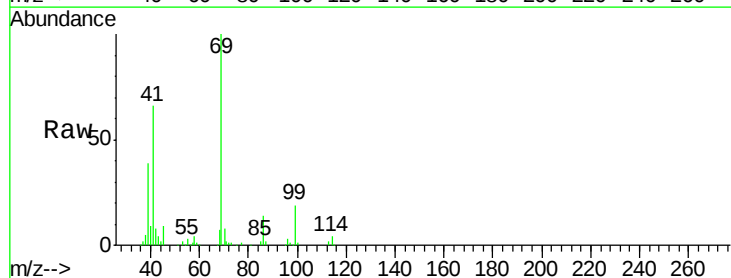
Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:	97	Resp:	48903
Ion	Ratio	Lower	Upper
97	100		
83	87.9	70.5	105.7
85	56.4	46.4	69.6
99	66.0	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 20.33 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU024894.D
 Acq: 25 Jun 2018 23:24

Tgt Ion:	69	Resp:	81026
Ion	Ratio	Lower	Upper
69	100		
41	67.0	54.1	81.1
39	39.5	30.3	45.5

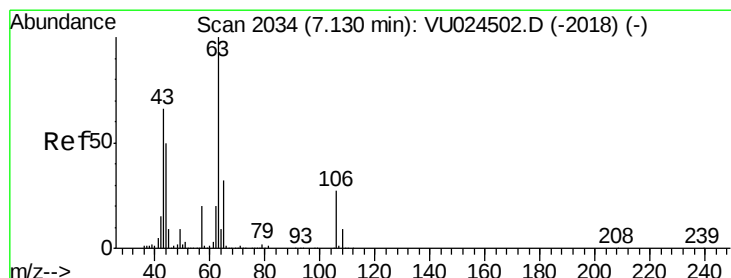
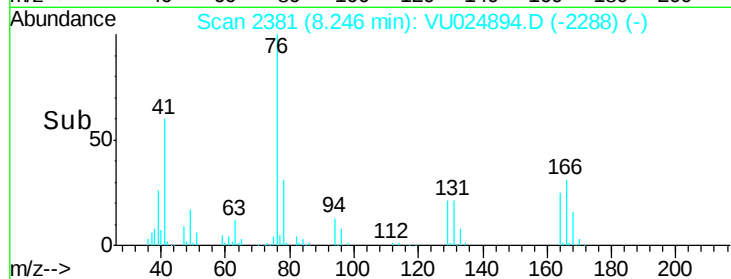
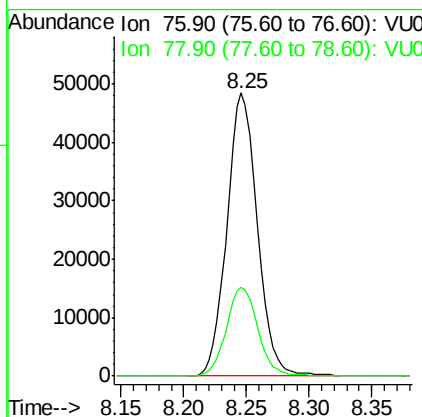
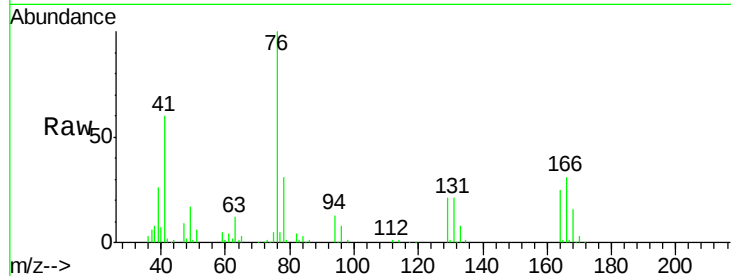




#57
 1,3-Dichloropropane
 Concen: 20.36 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU024894.D
 Acq: 25 Jun 2018 23:24

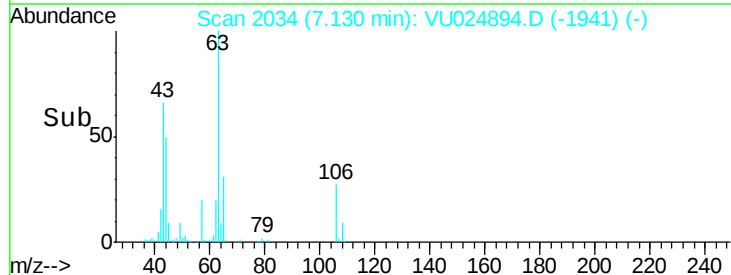
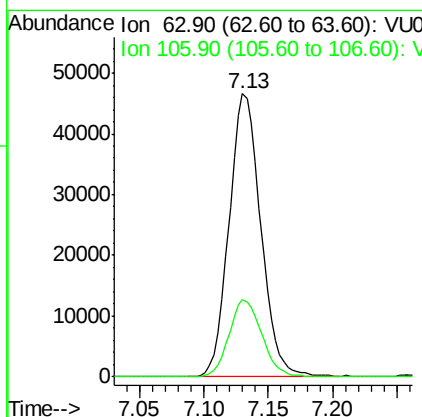
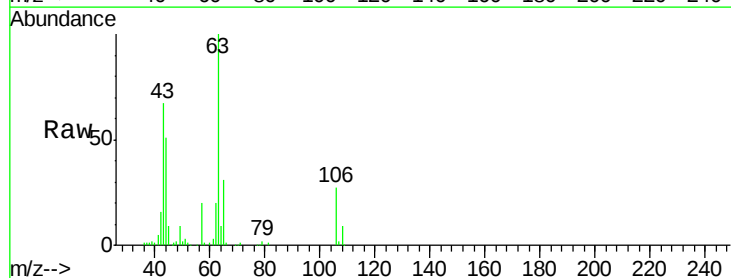
Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 76 Resp: 81766
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 52.24 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: VU024894.D
 Acq: 25 Jun 2018 23:24

Tgt Ion: 63 Resp: 79747
 Ion Ratio Lower Upper
 63 100
 106 27.9 20.2 30.2

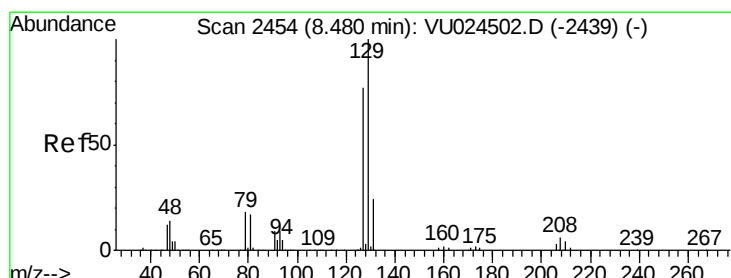
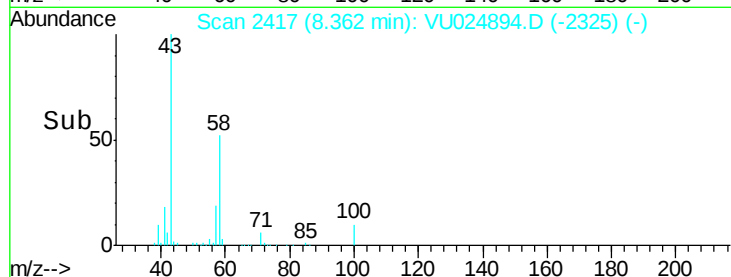
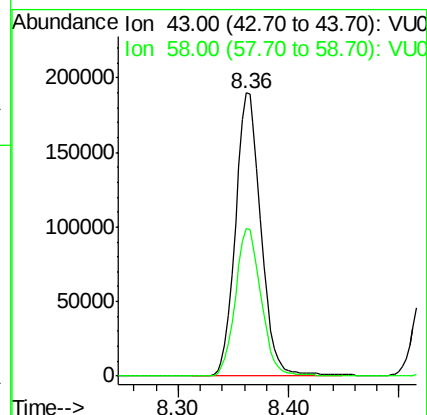
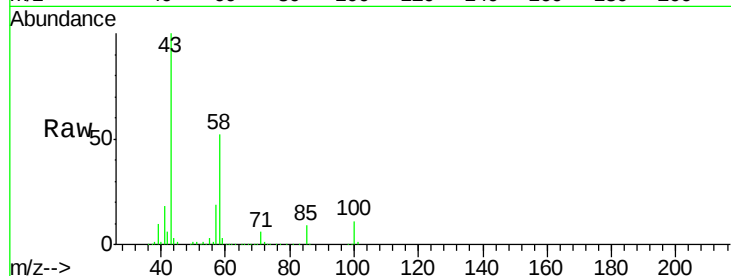




#59
2-Hexanone
Concen: 98.45 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

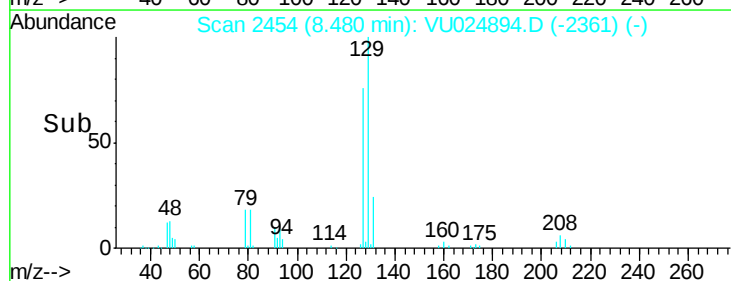
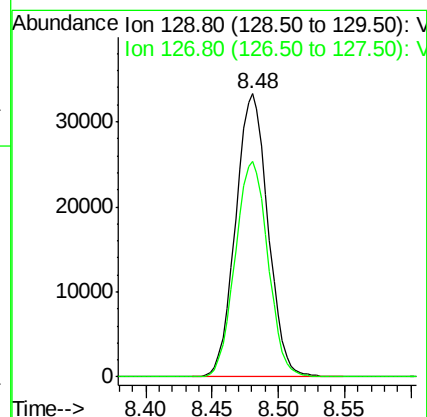
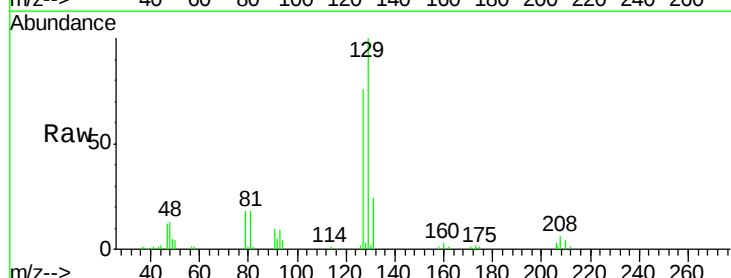
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 303933
Ion Ratio Lower Upper
43 100
58 53.0 26.4 79.0



#60
Dibromochloromethane
Concen: 19.04 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Tgt Ion: 129 Resp: 56518
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.79 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

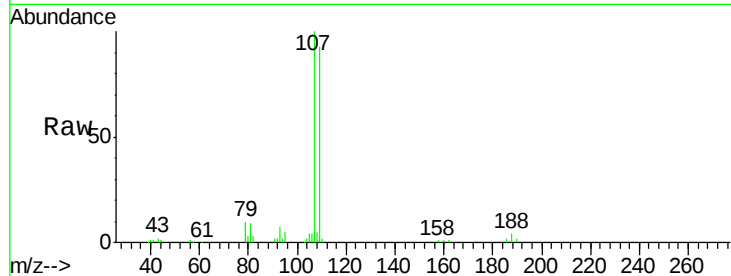
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:107 Resp: 52445

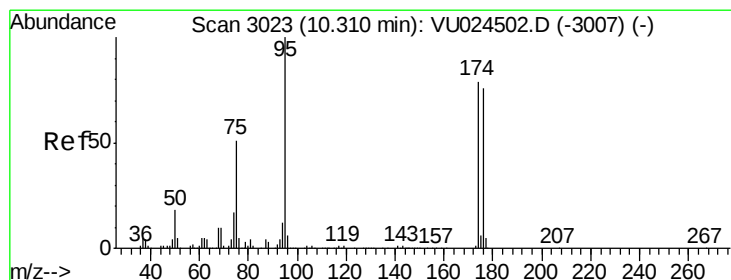
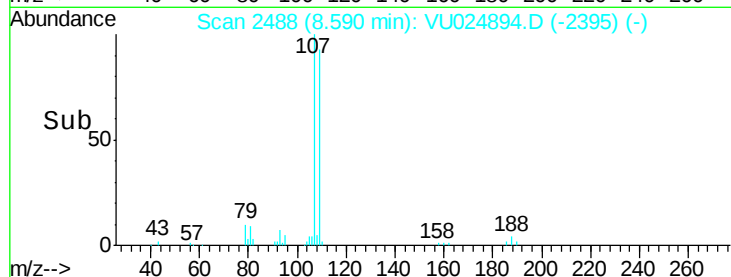
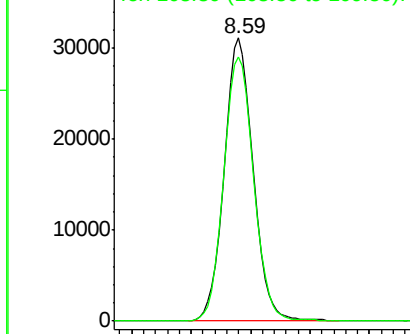
Ion Ratio Lower Upper

107 100

109 96.6 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.74 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

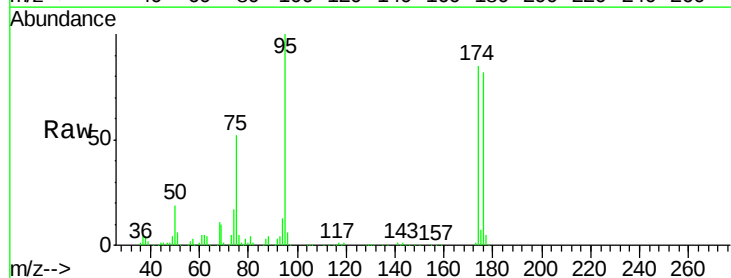
Tgt Ion: 95 Resp: 146187

Ion Ratio Lower Upper

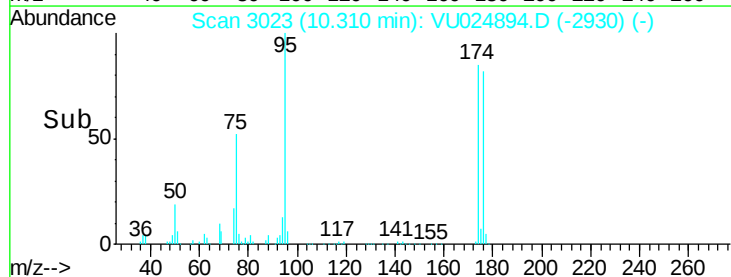
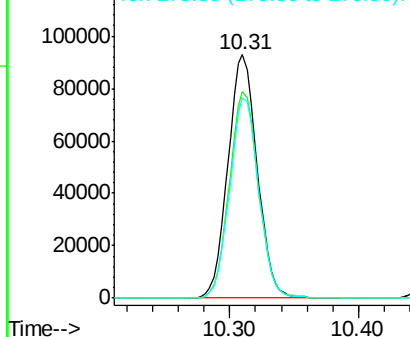
95 100

174 84.3 0.0 165.8

176 81.6 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

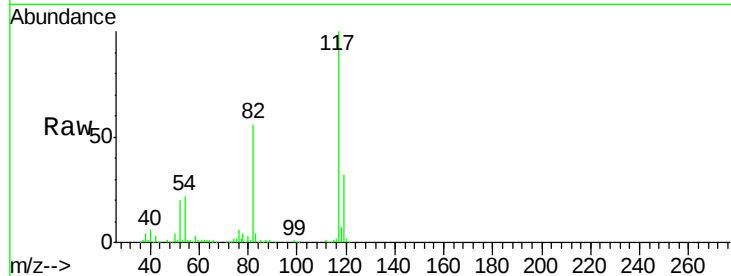




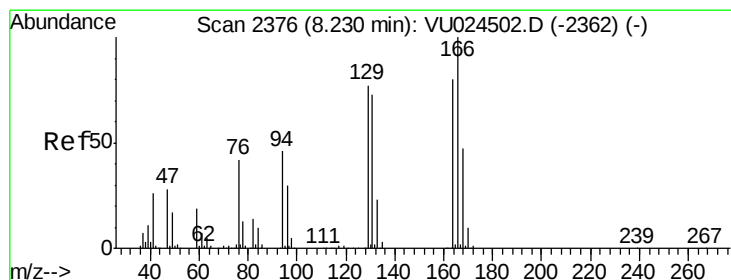
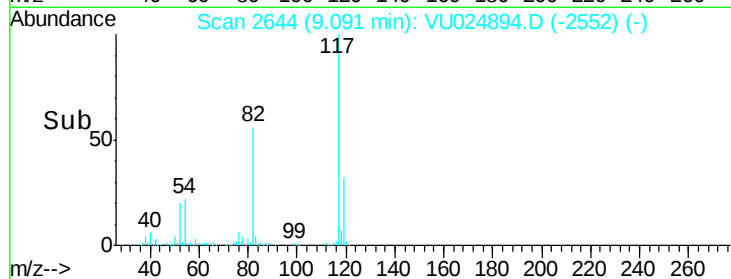
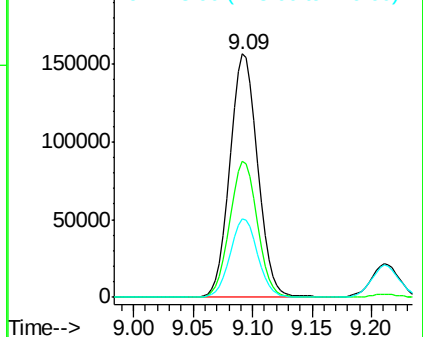
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:117 Resp: 254223
Ion Ratio Lower Upper
117 100
82 55.9 44.3 66.5
119 32.0 25.4 38.2



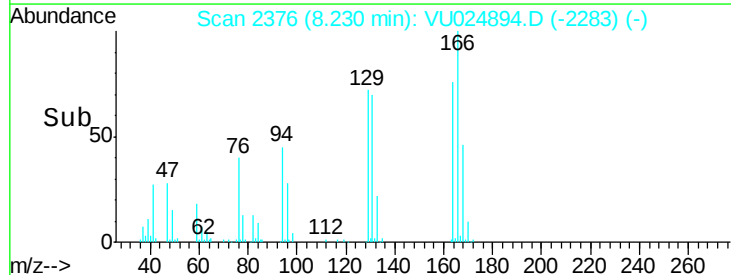
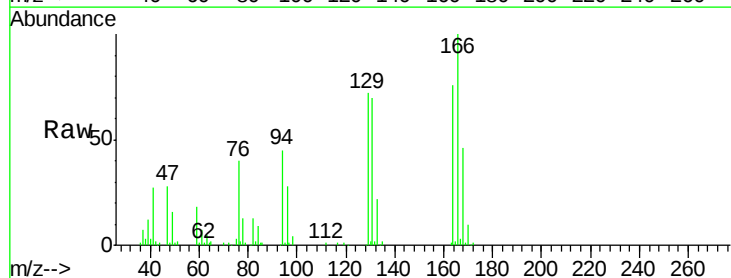
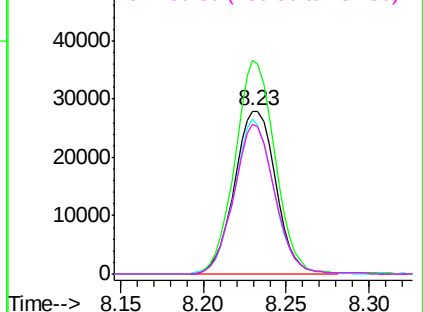
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 20.17 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Tgt Ion:164 Resp: 48734
Ion Ratio Lower Upper
164 100
166 131.0 101.7 152.5
129 95.0 76.9 115.3
131 92.2 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

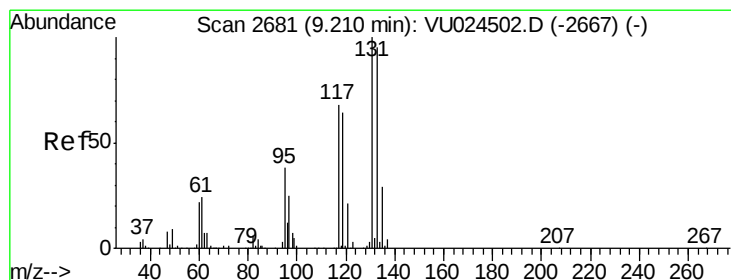
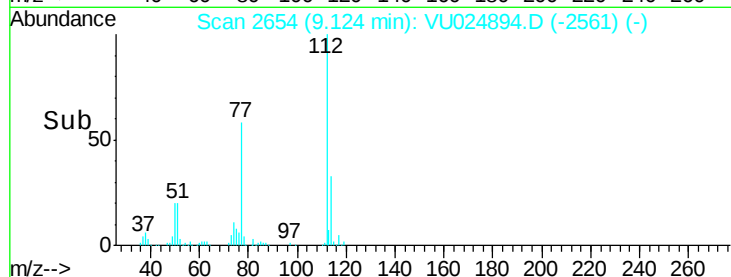
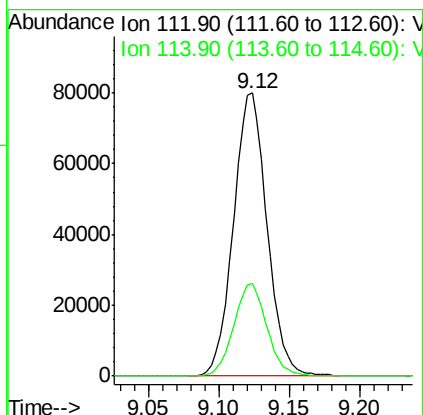
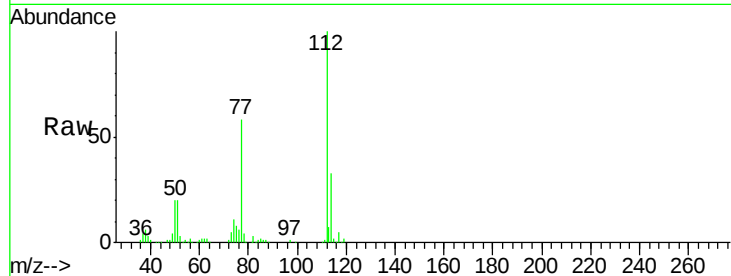




#65
Chlorobenzene
Concen: 20.53 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

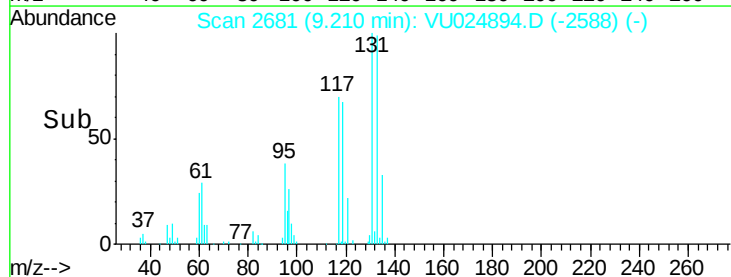
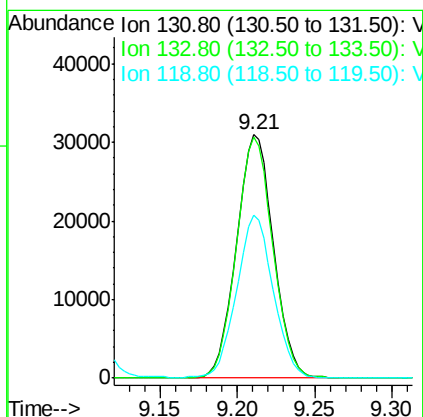
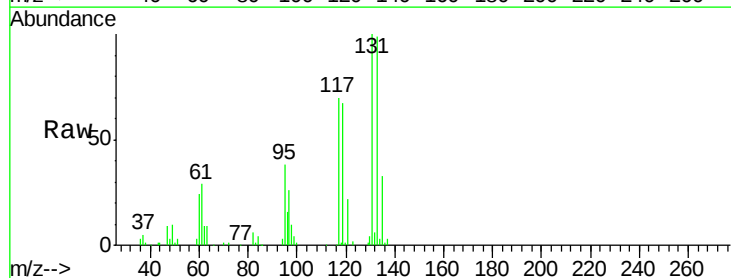
Instrument :
MSVOA_U
ClientSampleId :

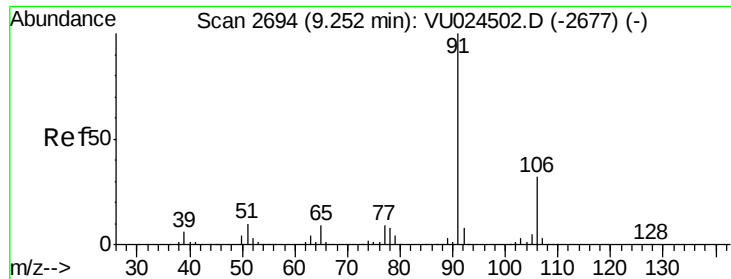
Tot Ion:112 Resp: 133326
Ion Ratio Lower Upper
112 100
114 32.6 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.86 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Tgt Ion:131 Resp: 51472
Ion Ratio Lower Upper
131 100
133 97.4 46.9 140.8
119 66.2 33.5 100.4

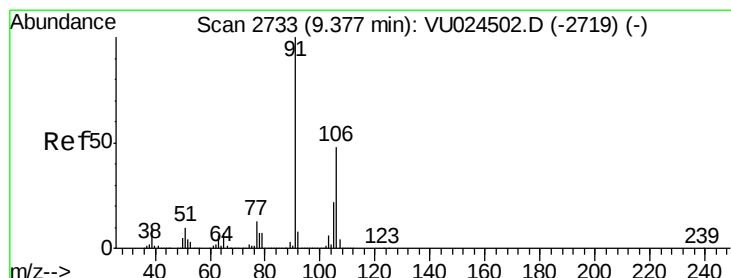
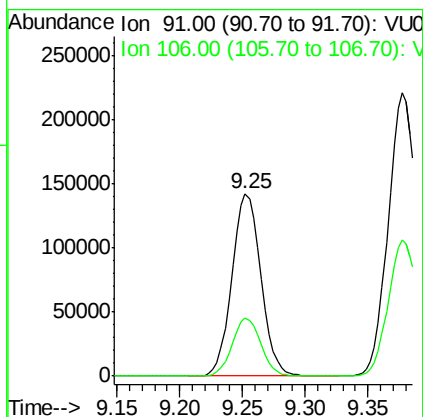
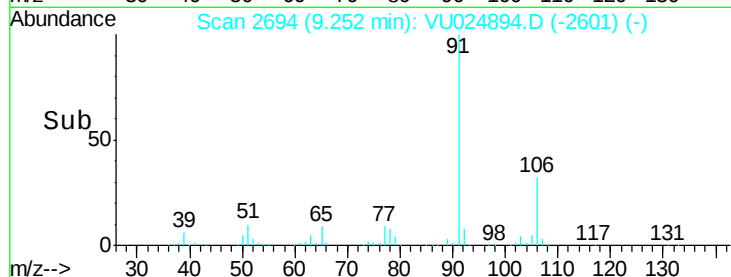
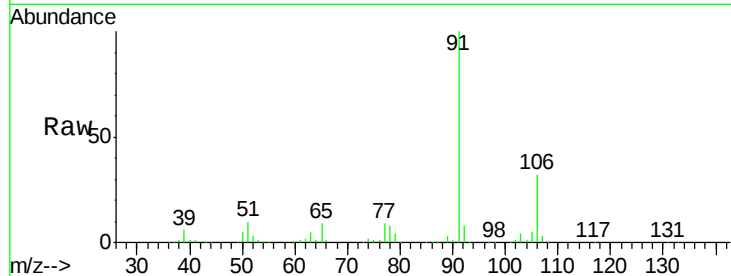




#67
Ethyl Benzene
Concen: 20.07 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

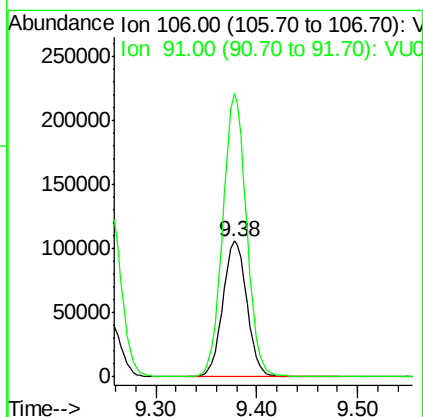
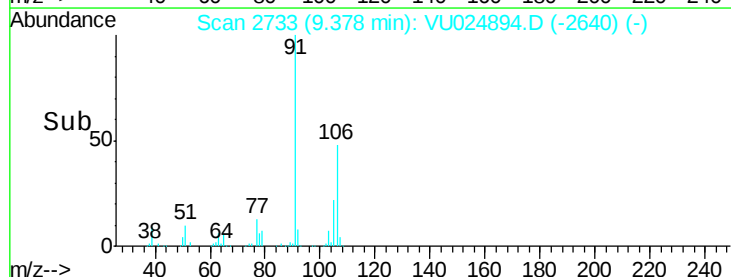
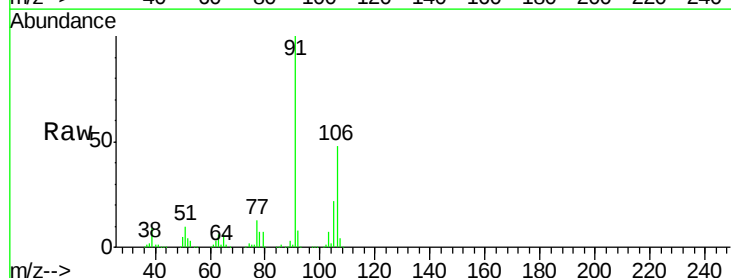
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 91 Resp: 228535
Ion Ratio Lower Upper
91 100
106 31.5 24.2 36.4



#68
m/p-Xylenes
Concen: 40.63 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Tgt Ion: 106 Resp: 177611
Ion Ratio Lower Upper
106 100
91 204.4 166.5 249.7

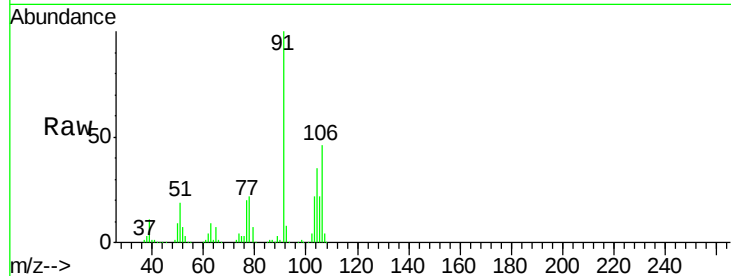




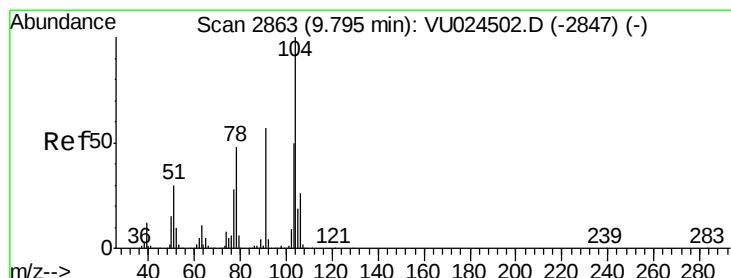
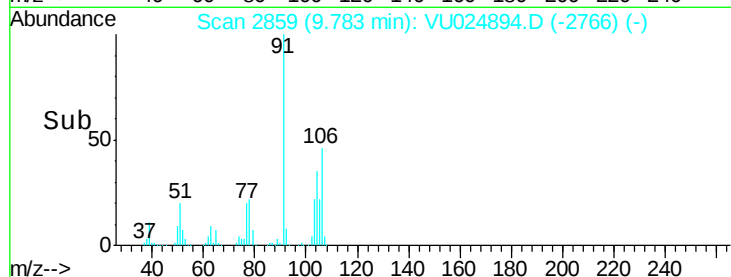
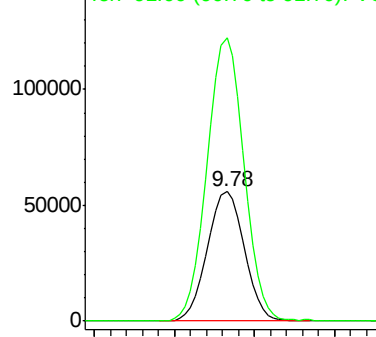
#69
o-Xylene
Concen: 20.38 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:106 Resp: 88192
Ion Ratio Lower Upper
106 100
91 217.2 110.7 331.9

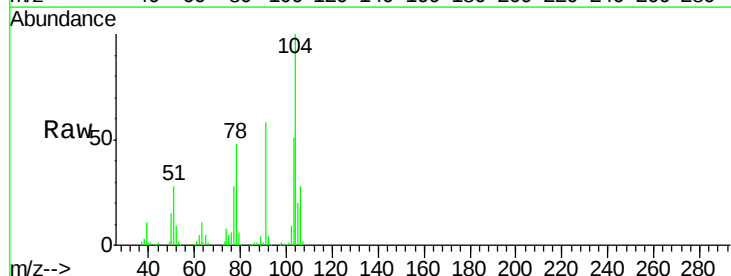


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

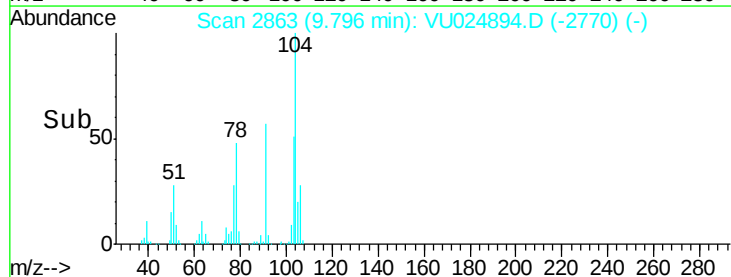
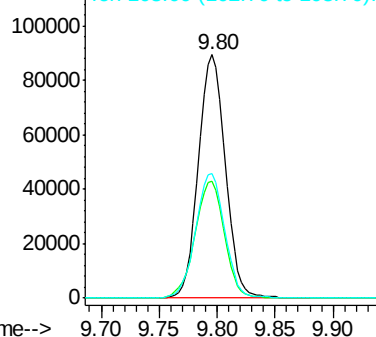


#70
Styrene
Concen: 20.20 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Tgt Ion:104 Resp: 143641
Ion Ratio Lower Upper
104 100
78 52.5 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

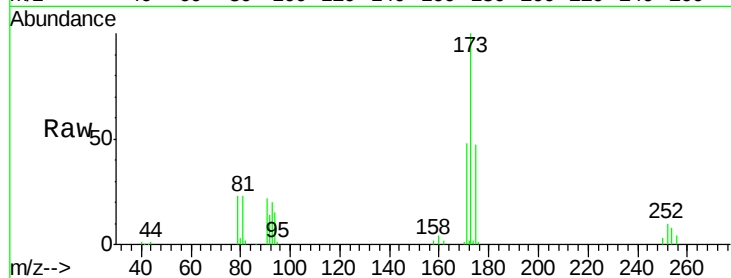




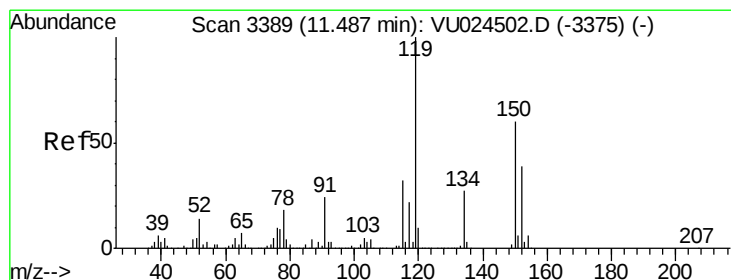
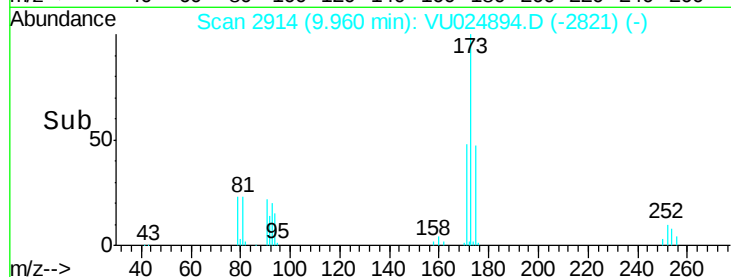
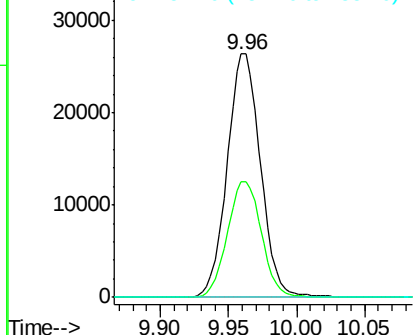
#71
Bromoform
Concen: 18.98 ug/l
RT: 9.96 min Scan# 2914
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.6	74.0
254	0.0	0.0	0.0

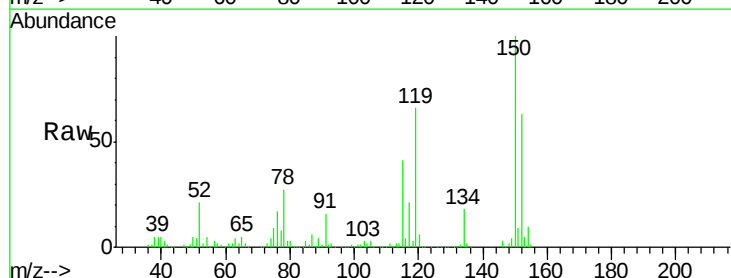


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

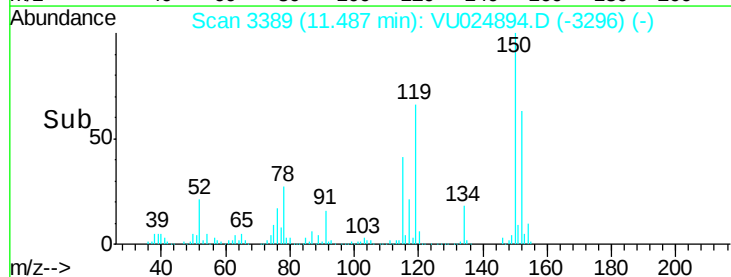
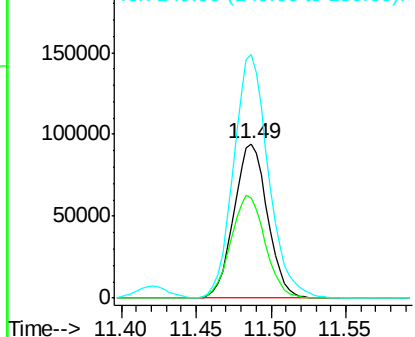


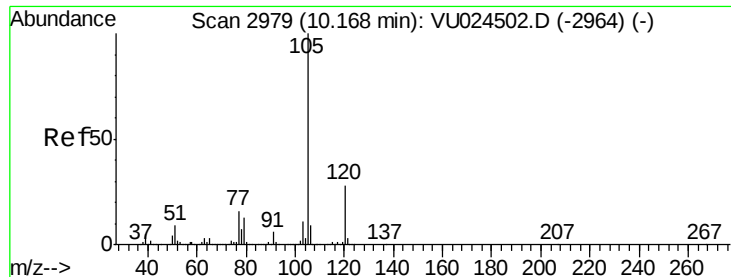
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	68.2	43.0	129.0
150	164.5	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: 20.99 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

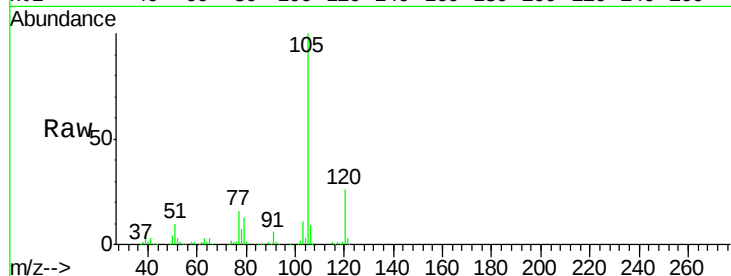
ClientSampleId :

Tot Ion:105 Resp: 236734

Ion Ratio Lower Upper

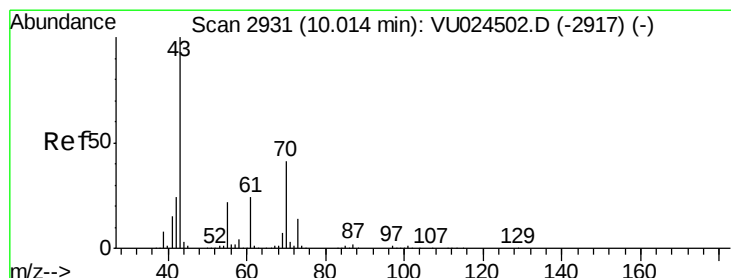
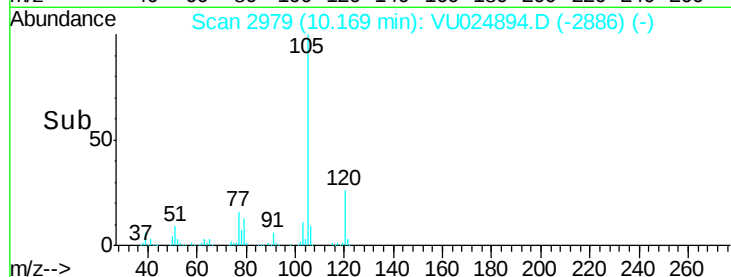
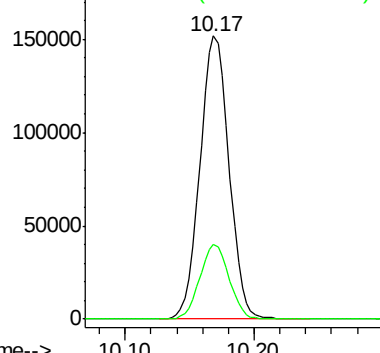
105 100

120 26.6 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.57 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Tgt Ion: 43 Resp: 105000

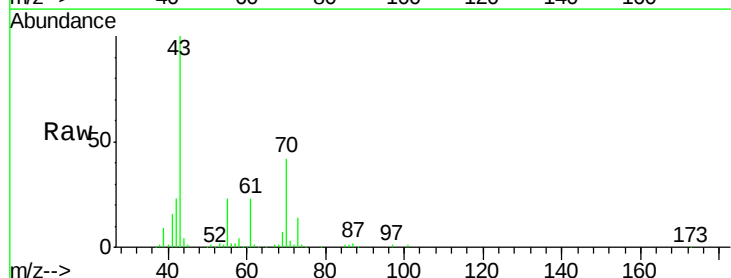
Ion Ratio Lower Upper

43 100

70 41.3 32.2 48.4

55 23.0 20.5 30.7

61 22.8 18.7 28.1

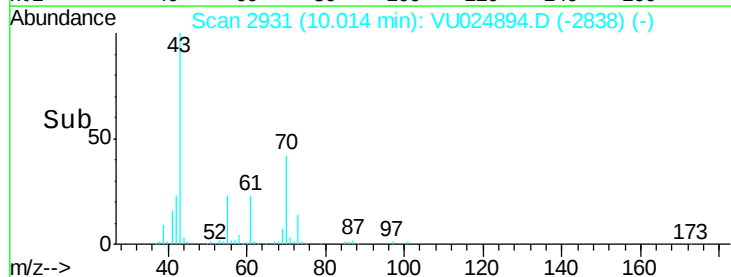
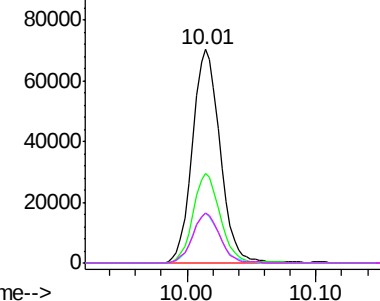


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.89 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

ClientSampleId :

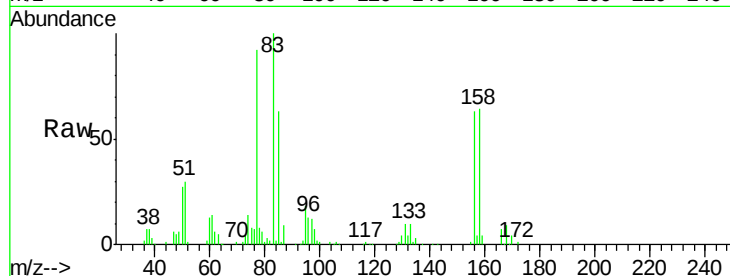
Tot Ion: 83 Resp: 82725

Ion Ratio Lower Upper

83 100

131 10.5 4.7 14.1

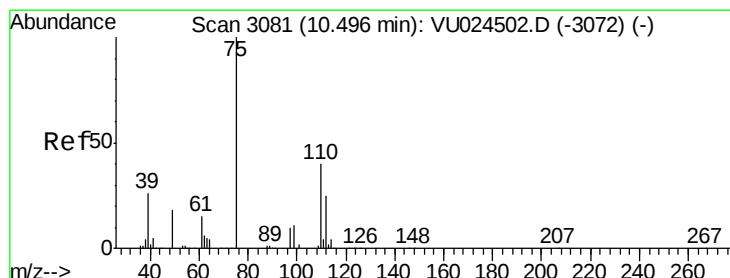
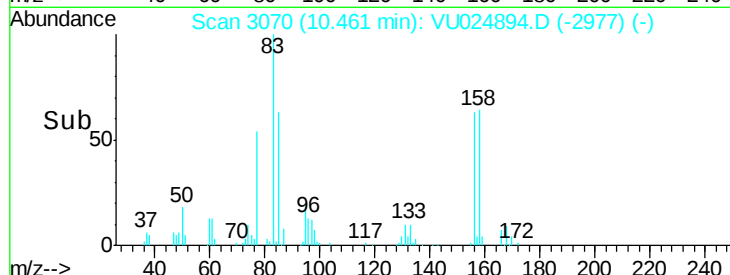
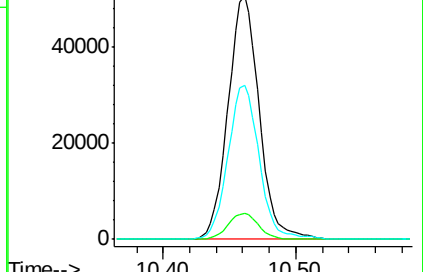
85 63.6 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU024894.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU024894.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU024894.D (-2977) (-)



#76

1,2,3-Trichloropropane

Concen: 29.22 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024894.D

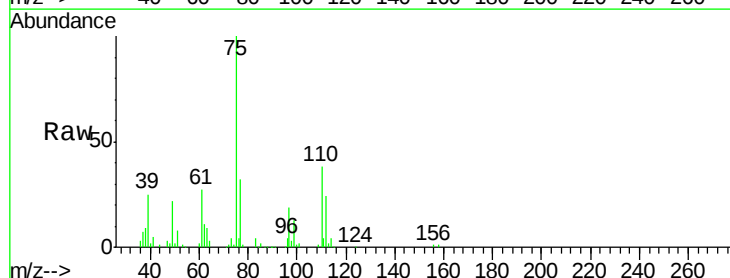
Acq: 25 Jun 2018 23:24

Tgt Ion: 75 Resp: 94516

Ion Ratio Lower Upper

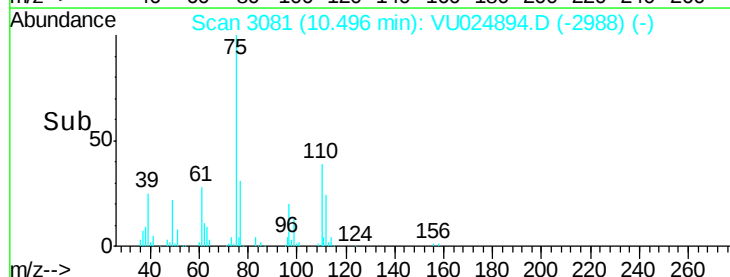
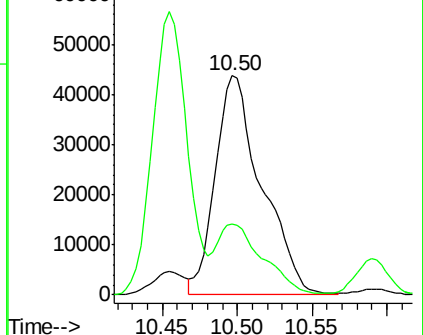
75 100

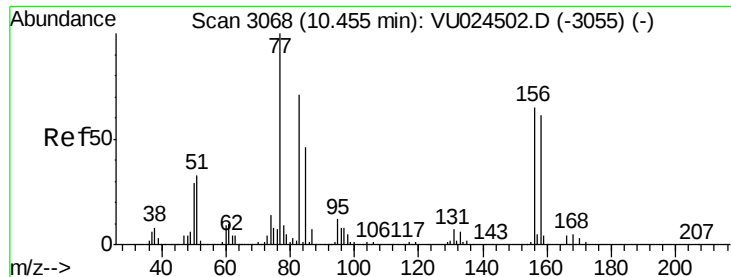
77 32.5 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU024894.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU024894.D (-2988) (-)





#77

Bromobenzene

Concen: 21.38 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

ClientSampled :

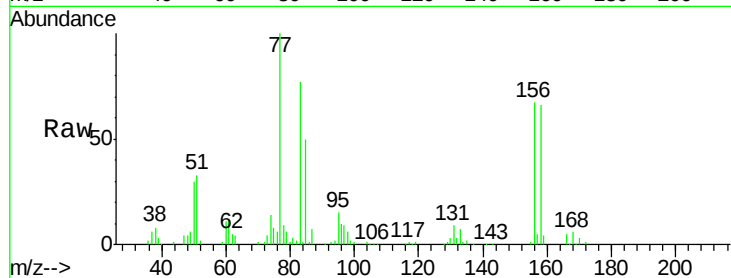
Tot Ion:156 Resp: 61040

Ion Ratio Lower Upper

156 100

77 149.5 80.5 241.3

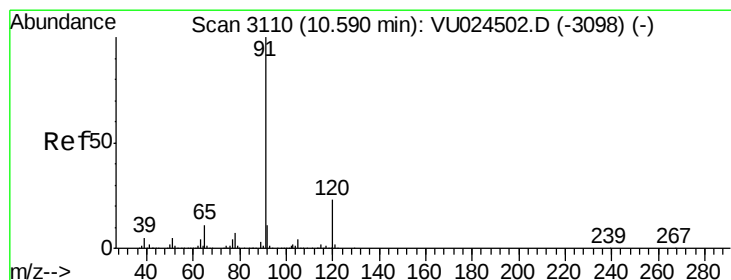
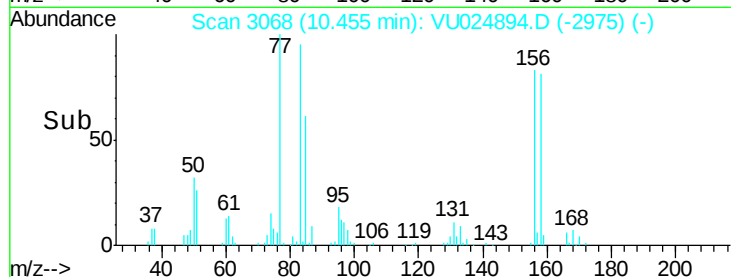
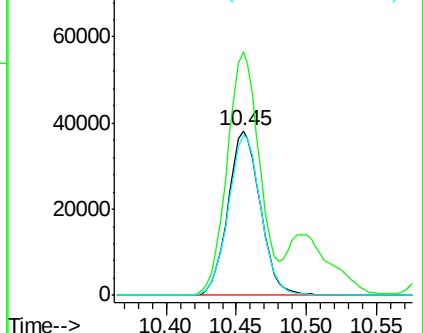
158 98.2 48.2 144.6



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: 19.96 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024894.D

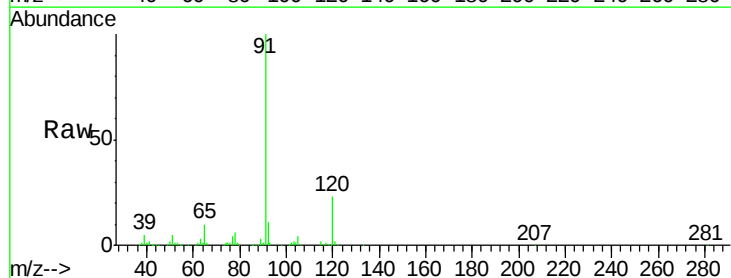
Acq: 25 Jun 2018 23:24

Tgt Ion: 91 Resp: 265202

Ion Ratio Lower Upper

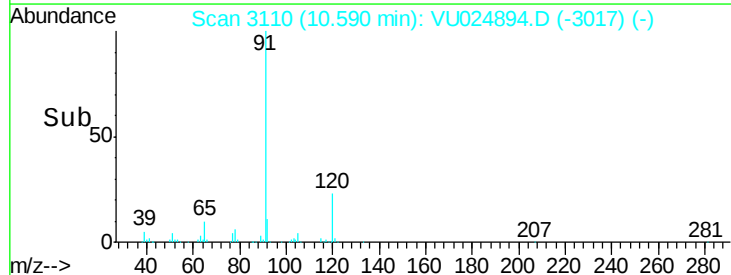
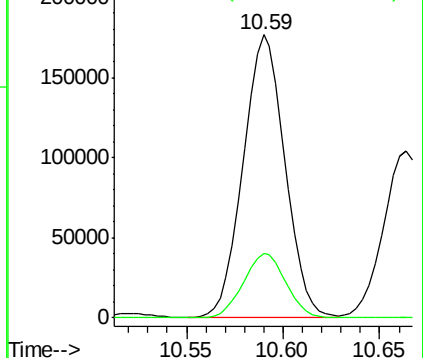
91 100

120 23.3 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: 20.97 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

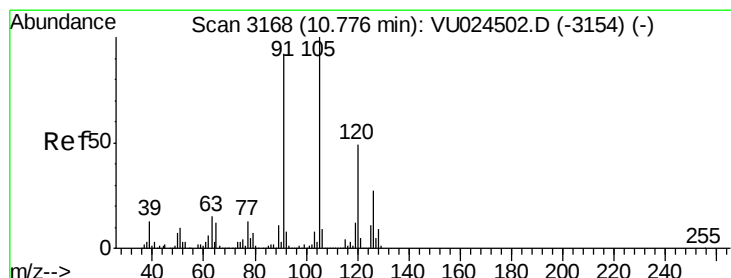
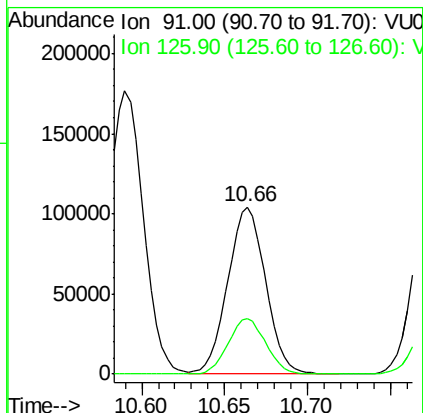
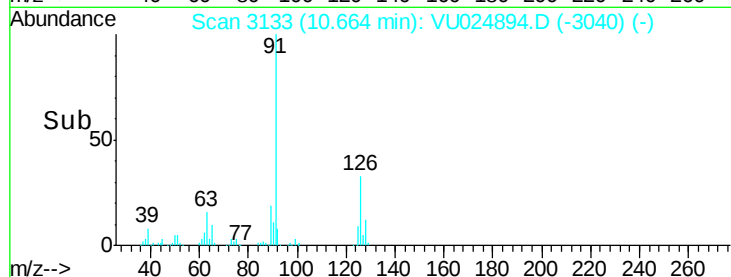
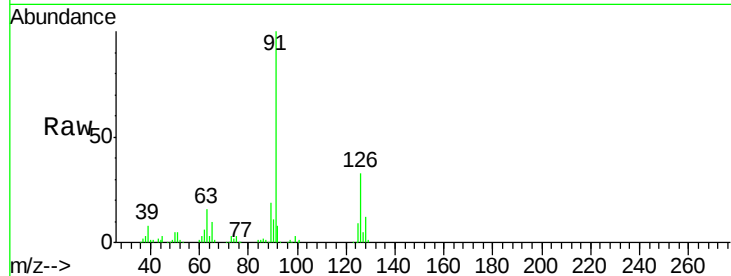
ClientSampled :

Tot Ion: 91 Resp: 164308

Ion Ratio Lower Upper

91 100

126 33.3 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 20.73 ug/l

RT: 10.77 min Scan# 3167

Delta R.T. -0.00 min

Lab File: VU024894.D

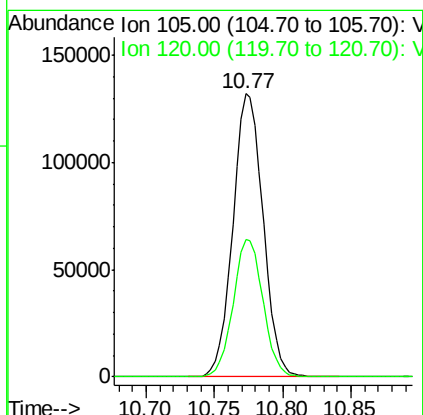
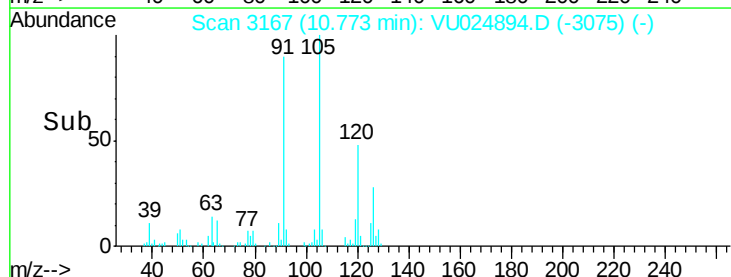
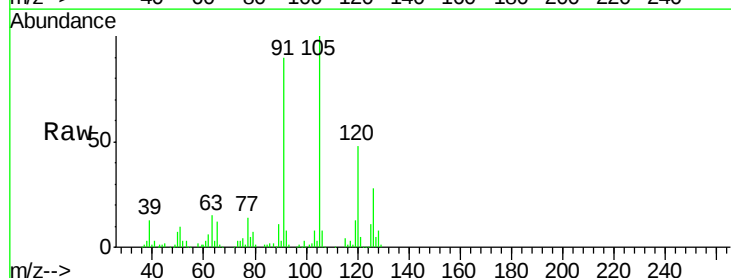
Acq: 25 Jun 2018 23:24

Tgt Ion: 105 Resp: 202618

Ion Ratio Lower Upper

105 100

120 47.9 24.1 72.2

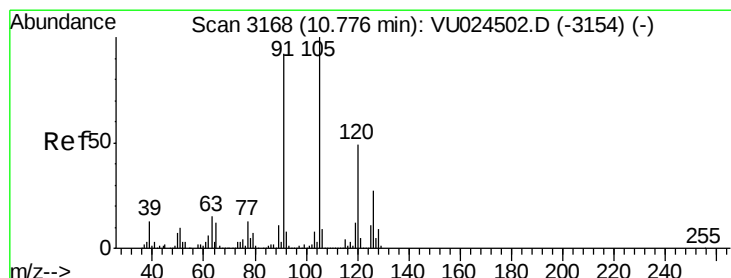
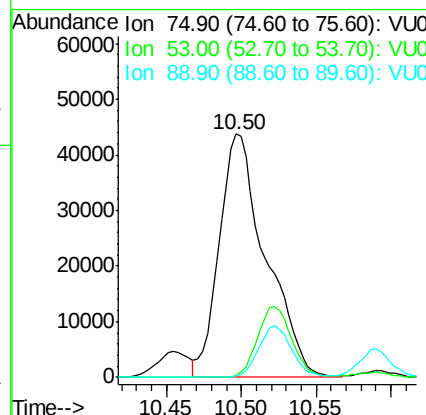
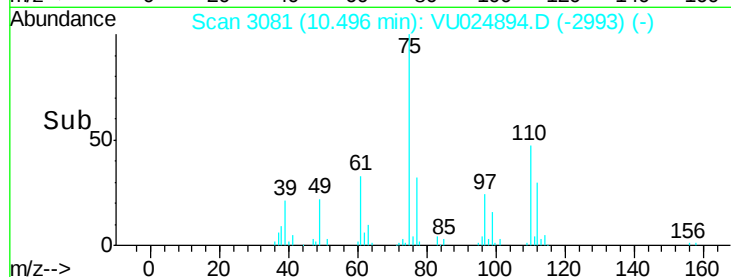
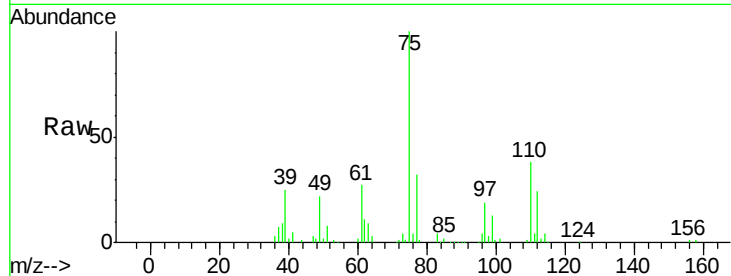




#81
trans-1,4-Dichloro-2-butene
Concen: 67.63 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

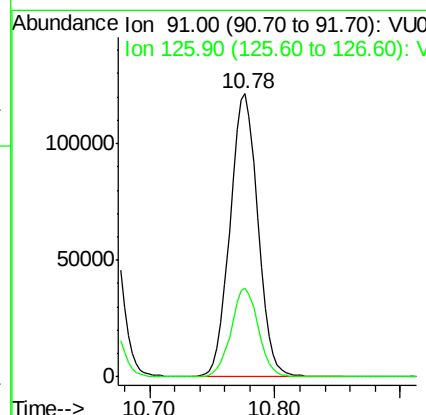
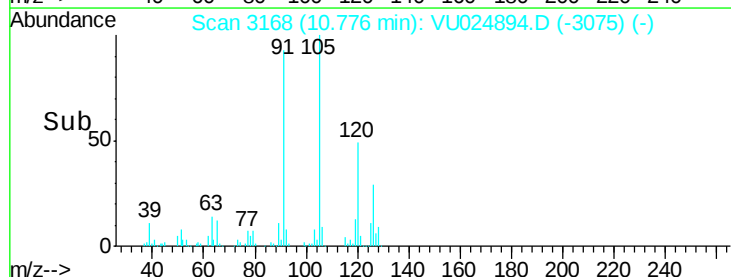
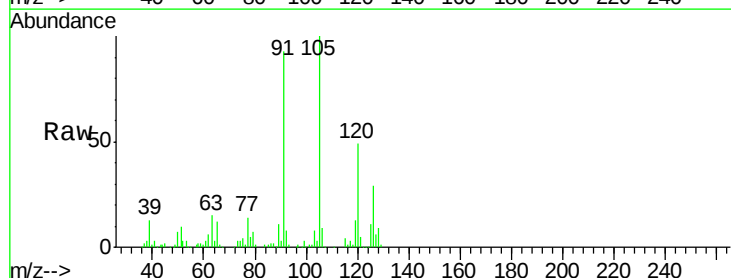
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 94516
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 20.39 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Tgt Ion: 91 Resp: 185906
Ion Ratio Lower Upper
91 100
126 30.7 14.9 44.9

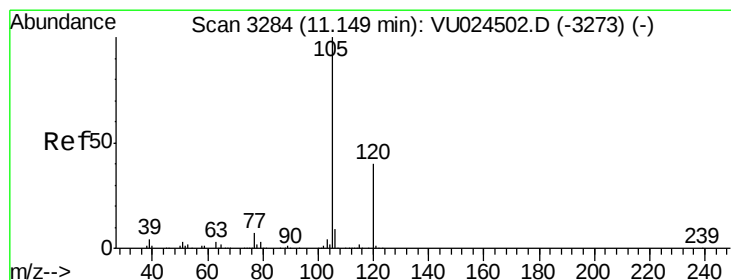
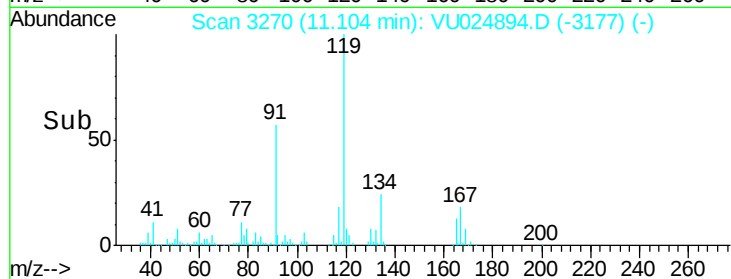
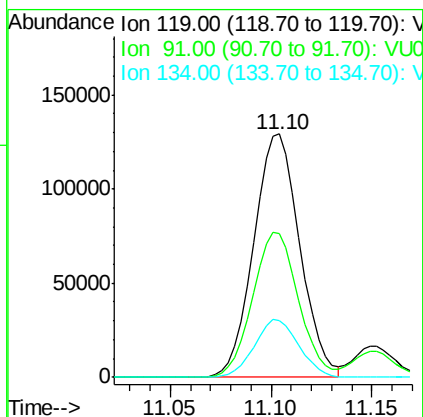
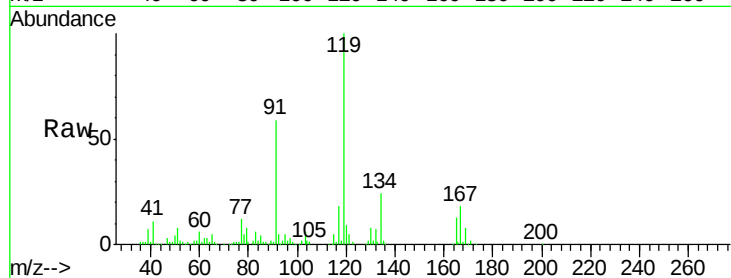




#83
tert-Butylbenzene
Concen: 21.91 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

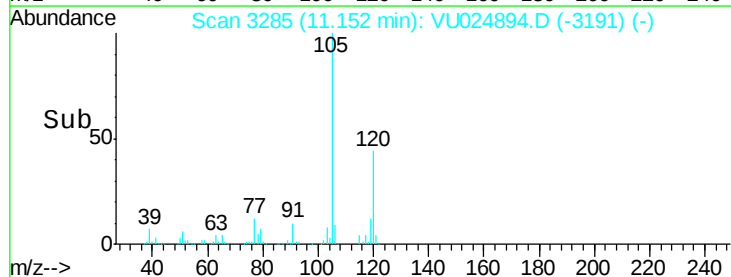
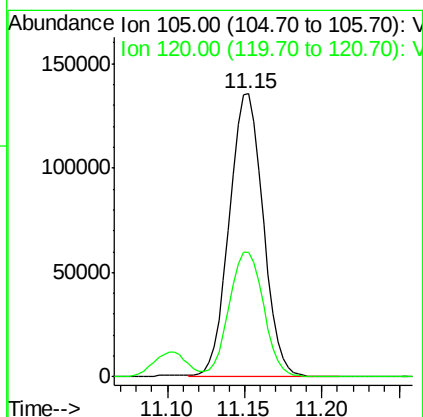
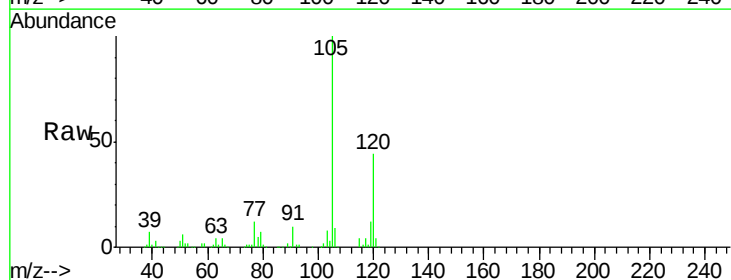
Instrument :
MSVOA_U
ClientSampleId :

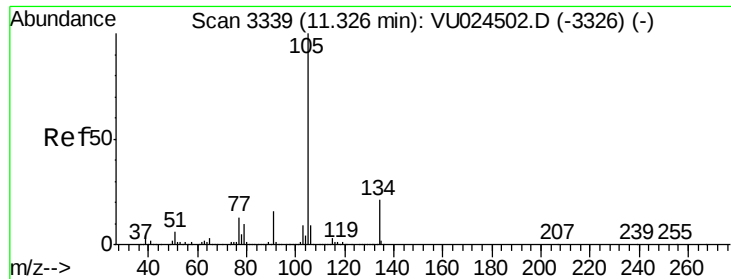
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.5	29.7	89.1
134	23.0	11.6	34.7



#84
1,2,4-Trimethylbenzene
Concen: 20.61 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.6	67.8

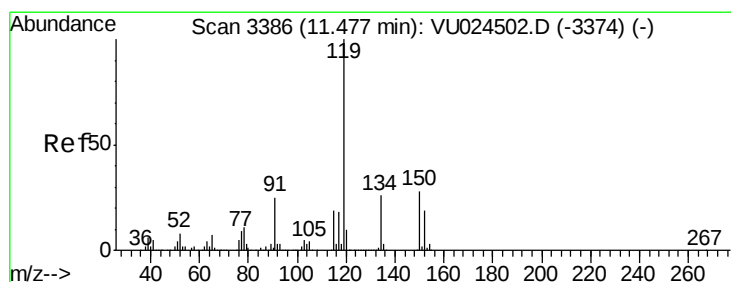
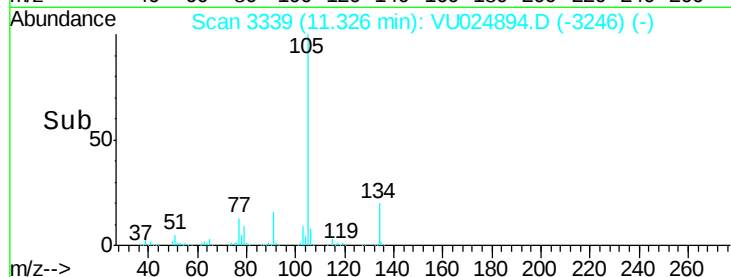
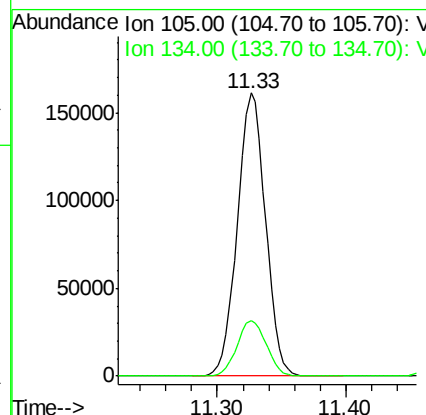
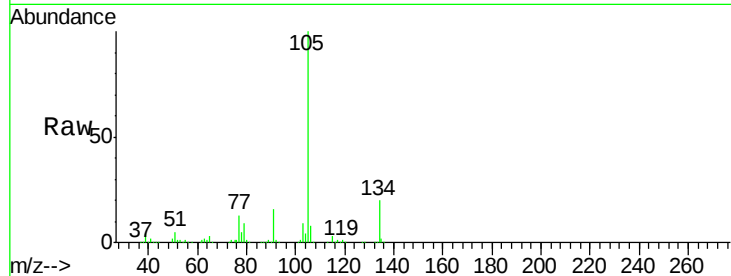




#85
 sec-Butylbenzene
 Concen: 20.74 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU024894.D
 Acq: 25 Jun 2018 23:24

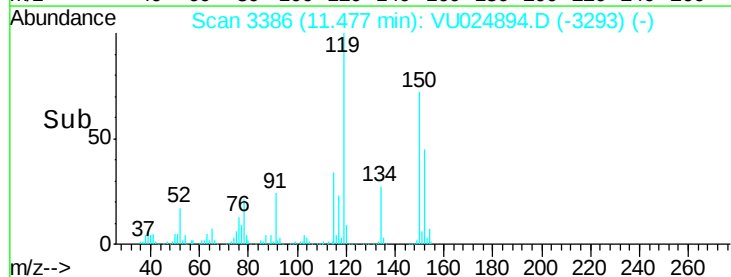
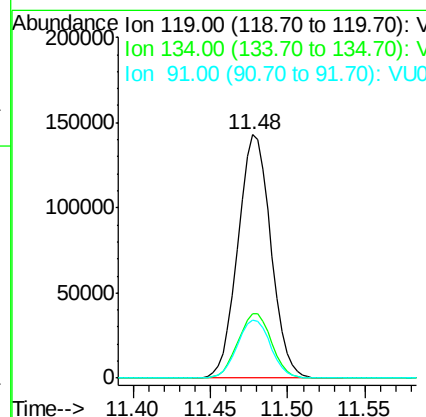
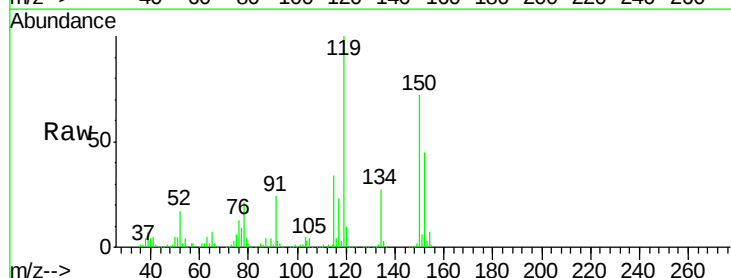
Instrument :
 MSVOA_U
 ClientSampleId :

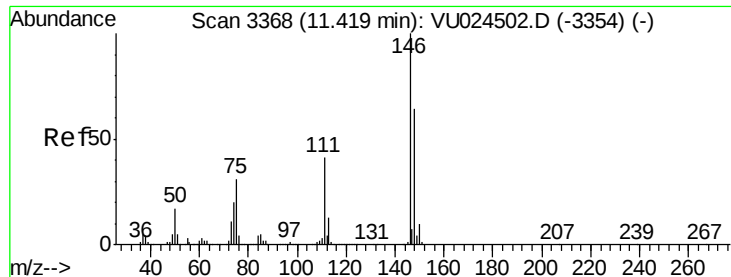
Tot Ion:105 Resp: 244190
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 20.04 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU024894.D
 Acq: 25 Jun 2018 23:24

Tgt Ion:119 Resp: 211302
 Ion Ratio Lower Upper
 119 100
 134 27.0 12.9 38.6
 91 24.4 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 20.21 ug/l

RT: 11.42 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

ClientSampleId :

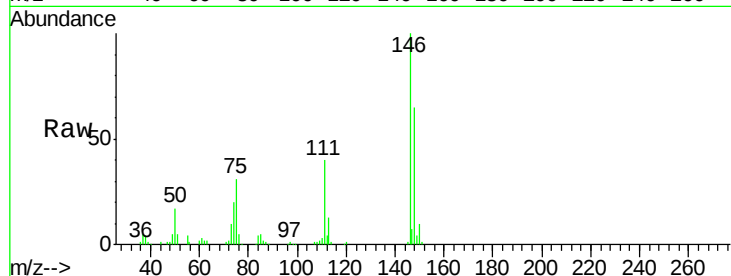
Tot Ion:146 Resp: 106638

Ion Ratio Lower Upper

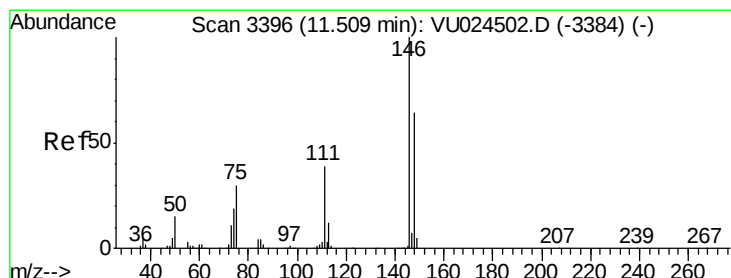
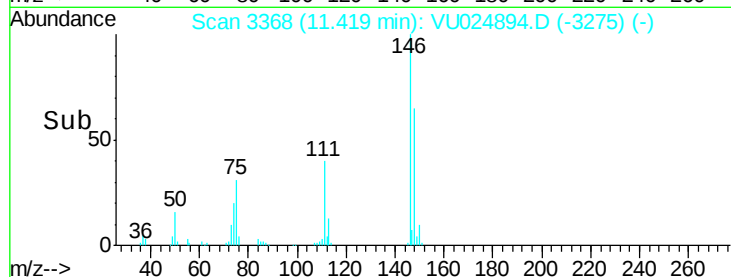
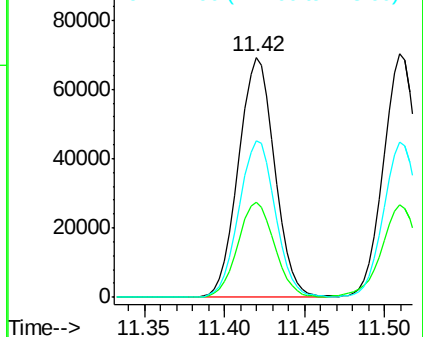
146 100

111 40.4 20.0 60.0

148 65.9 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.49 ug/l

RT: 11.51 min Scan# 3396

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

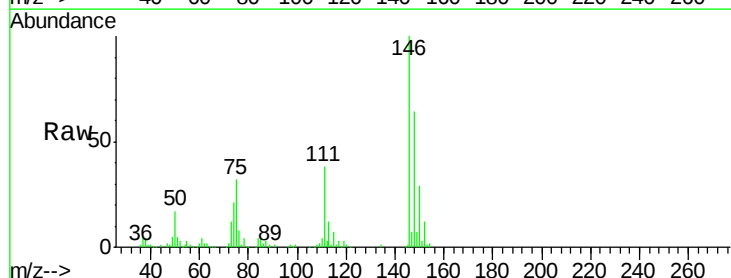
Tgt Ion:146 Resp: 108795

Ion Ratio Lower Upper

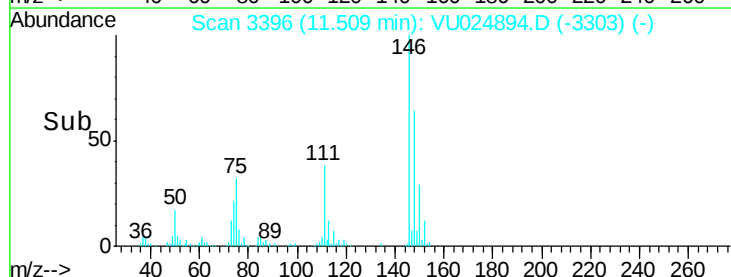
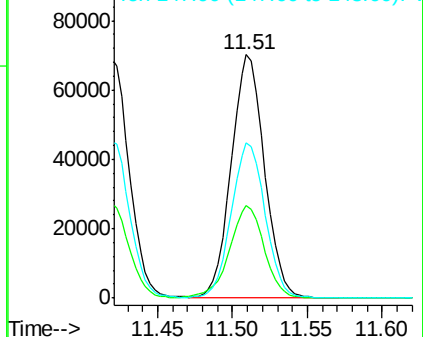
146 100

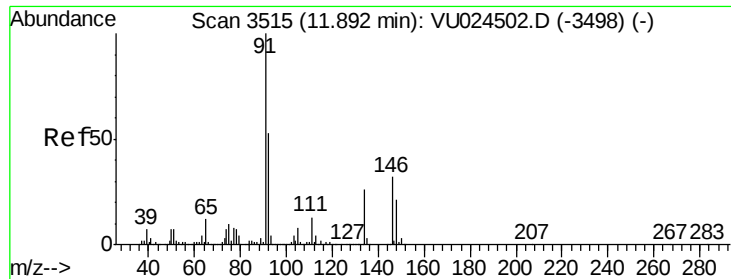
111 39.7 19.5 58.5

148 65.0 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.23 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

ClientSampleId :

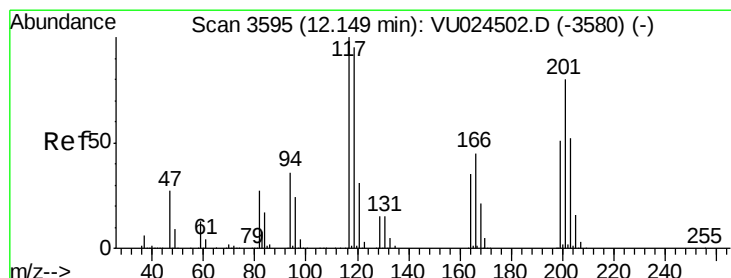
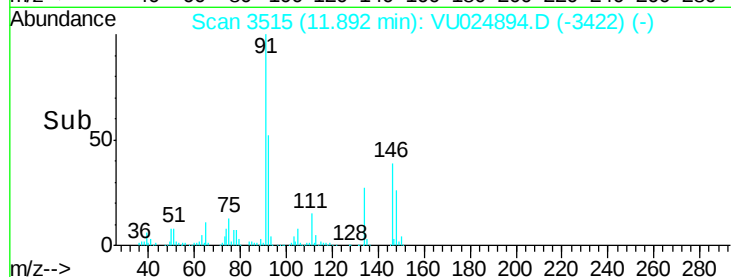
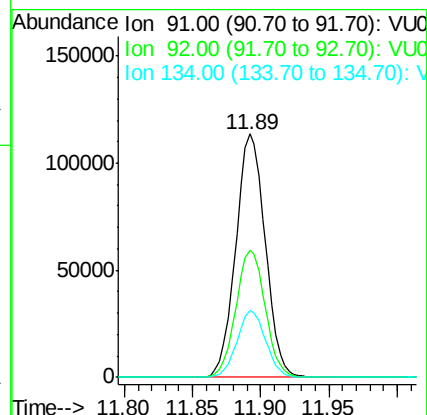
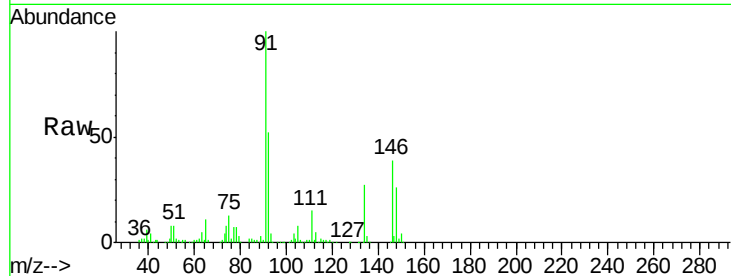
Tot Ion: 91 Resp: 170607

Ion	Ratio	Lower	Upper
91	100		
92	51.9	25.6	76.8
134	26.7	12.3	36.8

91 100

92 51.9 25.6 76.8

134 26.7 12.3 36.8



#90

Hexachloroethane

Concen: 18.94 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU024894.D

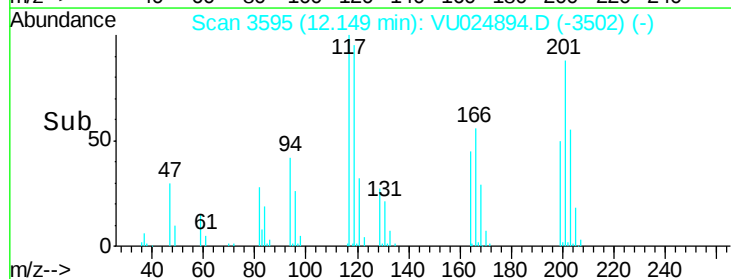
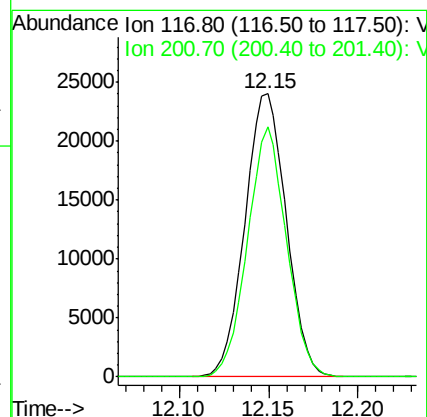
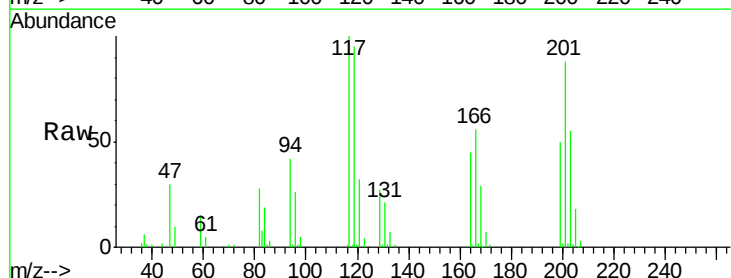
Acq: 25 Jun 2018 23:24

Tgt Ion: 117 Resp: 38959

Ion	Ratio	Lower	Upper
117	100		
201	83.5	41.1	123.3

117 100

201 83.5 41.1 123.3





#91

1,2-Dichlorobenzene

Concen: 21.48 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

ClientSampleId :

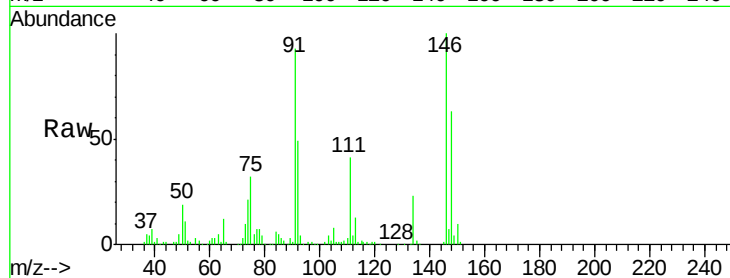
Tot Ion:146 Resp: 113509

Ion Ratio Lower Upper

146 100

111 41.4 20.5 61.6

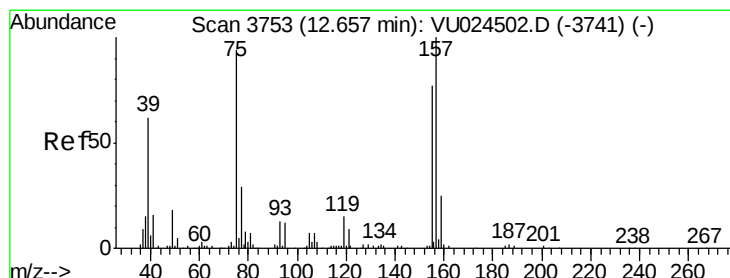
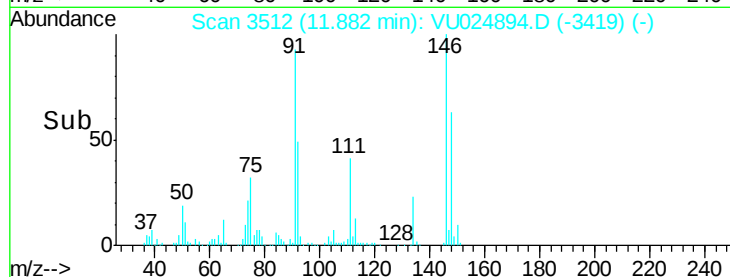
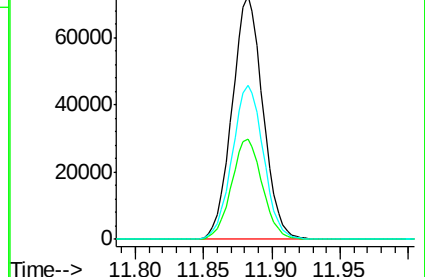
148 64.2 31.9 95.7



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: 20.11 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

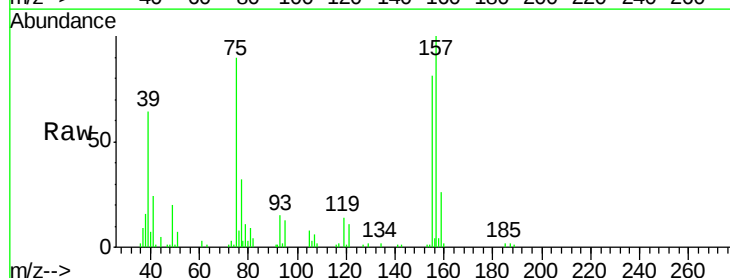
Tgt Ion: 75 Resp: 20971

Ion Ratio Lower Upper

75 100

155 83.0 40.4 121.2

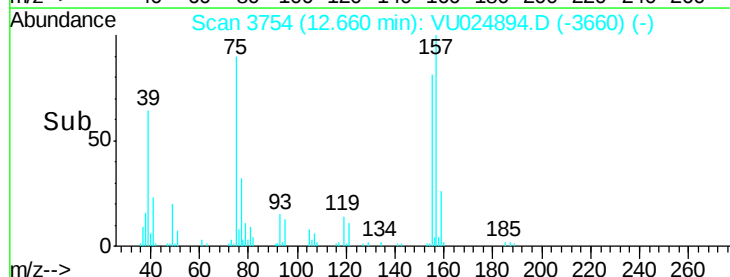
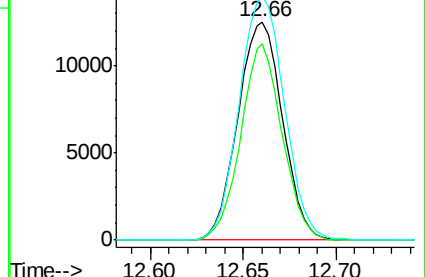
157 113.1 52.3 156.8

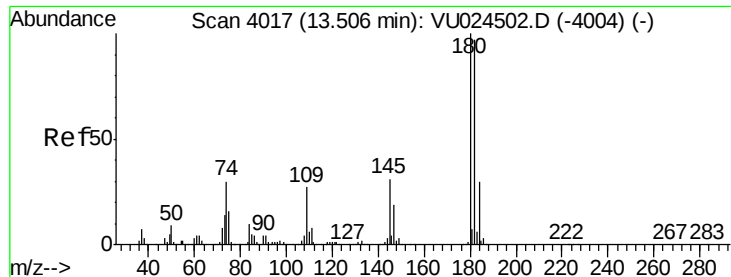


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

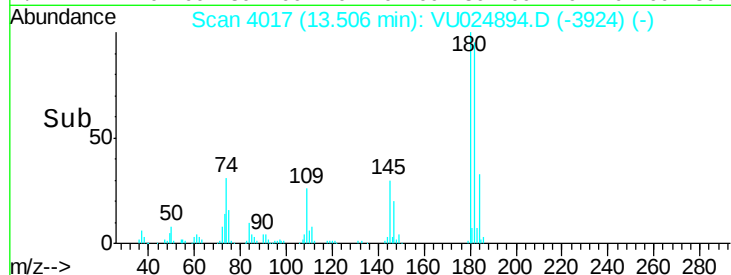
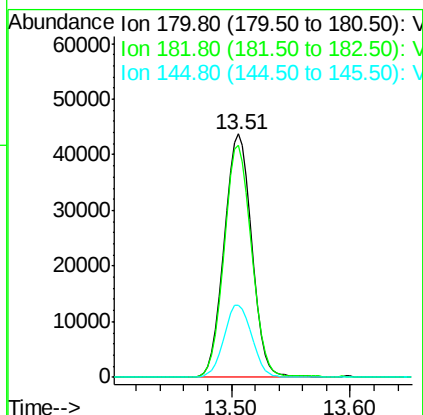
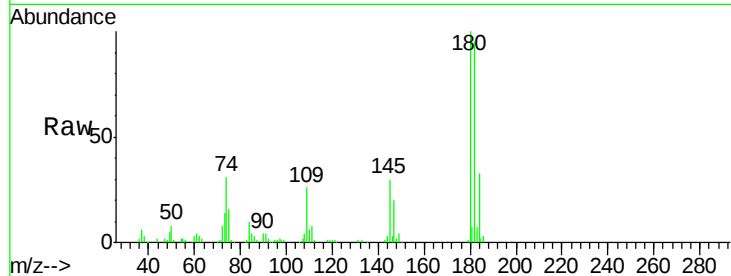




#93
 1,2,4-Trichlorobenzene
 Concen: 21.52 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024894.D
 Acq: 25 Jun 2018 23:24

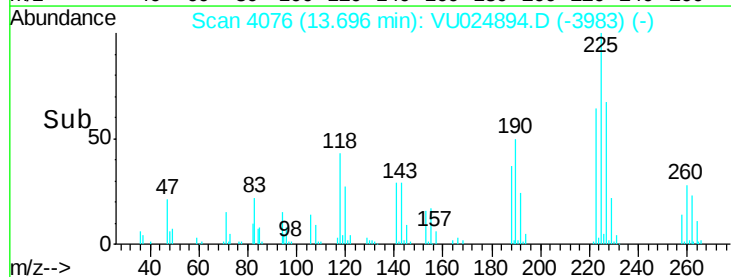
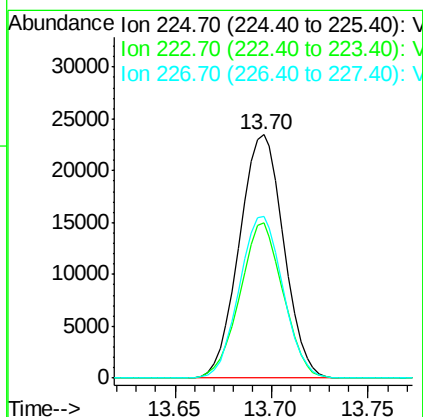
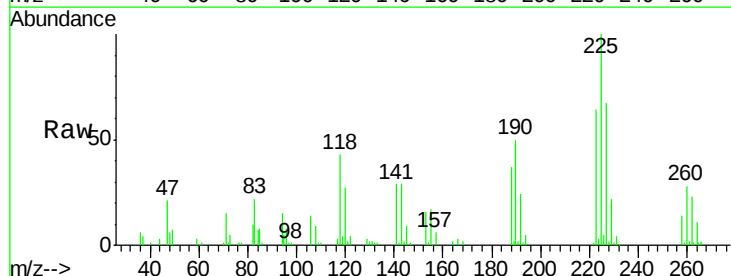
Instrument :
 MSVOA_U
 ClientSampled :

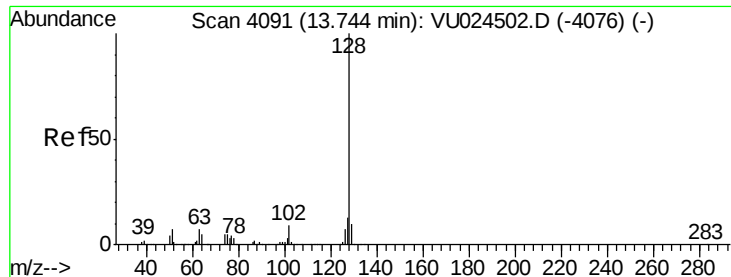
Tot Ion:180 Resp: 70212
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.0 144.2
 145 30.2 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 20.39 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU024894.D
 Acq: 25 Jun 2018 23:24

Tgt Ion:225 Resp: 37456
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.3 93.8
 227 65.5 31.8 95.4





#95

Naphthalene

Concen: 22.36 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

ClientSampleId :

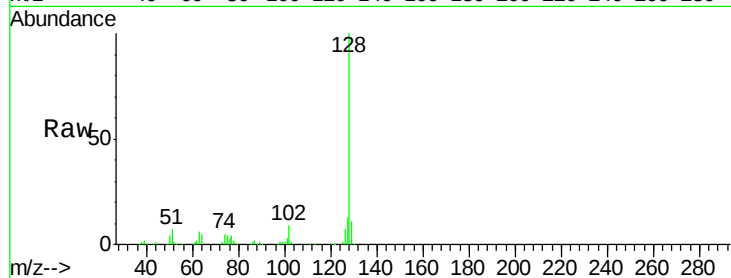
Tot Ion:128 Resp: 237466

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

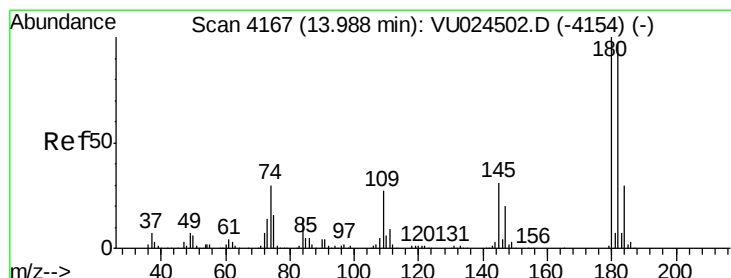
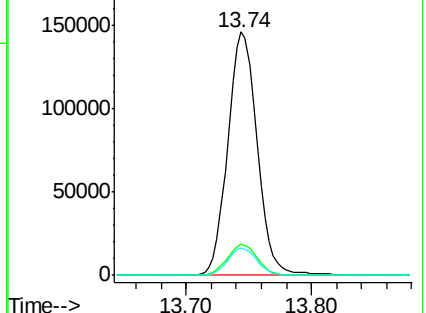
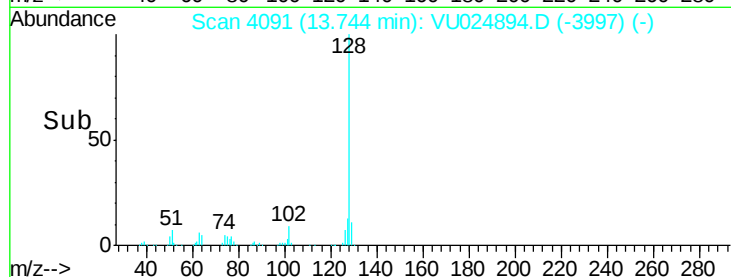
129 11.0 8.6 12.8



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: 22.95 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

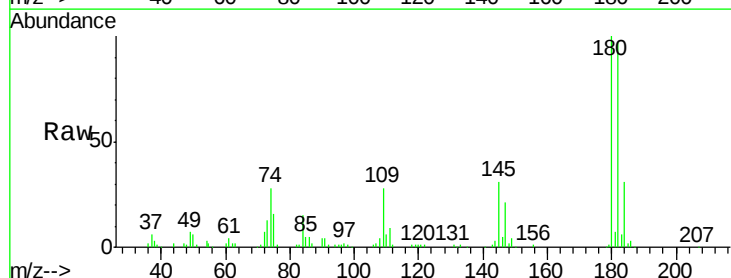
Tgt Ion:180 Resp: 74607

Ion Ratio Lower Upper

180 100

182 96.6 47.9 143.7

145 31.3 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

