

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024528.D
 Acq On : 14 Jun 2018 10:43
 Operator : MD/SY
 Sample : VU0614WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 01:31:55 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	190996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	299060	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	284501	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	165882	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	137208	44.00	ug/l	0.00
Spiked Amount			Recovery	=	88.00%	
35) Dibromofluoromethane	4.89	113	119099	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	
50) Toluene-d8	7.57	98	436904	48.26	ug/l	0.00
Spiked Amount			Recovery	=	96.52%	
62) 4-Bromofluorobenzene	10.31	95	168700	46.93	ug/l	0.00
Spiked Amount			Recovery	=	93.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	40800	17.066	ug/l	99
3) Chloromethane	1.33	50	48798	19.979	ug/l	98
4) Vinyl Chloride	1.40	62	47693	18.935	ug/l	98
5) Bromomethane	1.63	94	25474	20.921	ug/l	100
6) Chloroethane	1.70	64	28983	19.959	ug/l	99
7) Trichlorofluoromethane	1.89	101	71902	18.705	ug/l	98
8) Diethyl Ether	2.10	74	27362	19.779	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.29	101	41918	17.577	ug/l	97
10) Methyl Iodide	2.41	142	35637	21.078	ug/l	96
11) Tert butyl alcohol	2.82	59	66005	87.039	ug/l	99
12) 1,1-Dichloroethene	2.29	96	40213	18.491	ug/l	90
13) Acrolein	2.19	56	30134	75.671	ug/l	99
14) Allyl chloride	2.60	41	69208	17.139	ug/l	93
15) Acrylonitrile	2.94	53	139392	94.475	ug/l	99
16) Acetone	2.32	43	147394	87.979	ug/l	98
17) Carbon Disulfide	2.48	76	126146	18.115	ug/l	99
18) Methyl Acetate	2.62	43	67475	18.787	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	144658	17.695	ug/l	99
20) Methylene Chloride	2.71	84	46133	17.550	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	41950	17.514	ug/l	96
22) Diisopropyl ether	3.57	45	147594	18.439	ug/l	92
23) Vinyl Acetate	3.53	43	669512	93.370	ug/l	99
24) 1,1-Dichloroethane	3.45	63	82789	17.979	ug/l	99
25) 2-Butanone	4.26	43	215047	95.562	ug/l	98
26) 2,2-Dichloropropane	4.23	77	76875	17.581	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	50557	18.359	ug/l	96
28) Bromochloromethane	4.55	49	42881	21.142	ug/l	89
29) Tetrahydrofuran	4.64	42	130529	93.666	ug/l	97
30) Chloroform	4.68	83	85091	18.256	ug/l	100
31) Cyclohexane	5.00	56	79711	18.239	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	76002	17.634	ug/l	96
36) 1,1-Dichloropropene	5.14	75	63473	18.062	ug/l	97
37) Ethyl Acetate	4.38	43	74820	19.534	ug/l	96
38) Carbon Tetrachloride	5.14	117	68465	17.717	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024528.D
 Acq On : 14 Jun 2018 10:43
 Operator : MD/SY
 Sample : VU0614WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 01:31:55 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	79103	18.038	ug/l	96
40) Benzene	5.39	78	186739	18.649	ug/l	98
41) Methacrylonitrile	4.55	41	39391	19.075	ug/l	96
42) 1,2-Dichloroethane	5.41	62	66450	17.424	ug/l	99
43) Isopropyl Acetate	5.55	43	120268	18.165	ug/l	97
44) Trichloroethene	6.19	130	51477	18.063	ug/l	96
45) 1,2-Dichloropropane	6.44	63	51211	19.167	ug/l	99
46) Dibromomethane	6.56	93	35651	18.996	ug/l	96
47) Bromodichloromethane	6.76	83	68864	18.427	ug/l	98
48) Methyl methacrylate	6.63	41	58637	18.188	ug/l	97
49) 1,4-Dioxane	6.61	88	24341	386.077	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	392857	94.449	ug/l	98
52) Toluene	7.64	92	117508	18.240	ug/l	99
53) t-1,3-Dichloropropene	7.89	75	76987	18.344	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	81031	18.120	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	48298	18.443	ug/l	98
56) Ethyl methacrylate	8.02	69	81670	18.633	ug/l	100
57) 1,3-Dichloropropane	8.25	76	81705	18.495	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.13	63	167727	99.886	ug/l	96
59) 2-Hexanone	8.36	43	316189	93.112	ug/l	99
60) Dibromochloromethane	8.48	129	57762	17.688	ug/l	100
61) 1,2-Dibromoethane	8.59	107	54525	18.707	ug/l	100
64) Tetrachloroethene	8.23	164	44348	16.399	ug/l	96
65) Chlorobenzene	9.12	112	134907	18.562	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	50589	18.321	ug/l	99
67) Ethyl Benzene	9.25	91	235484	18.482	ug/l	95
68) m/p-Xylenes	9.38	106	182694	37.340	ug/l	97
69) o-Xylene	9.78	106	89171	18.416	ug/l	96
70) Styrene	9.80	104	147854	18.581	ug/l	99
71) Bromoform	9.96	173	48142	18.343	ug/l #	99
73) Isopropylbenzene	10.17	105	238346	18.715	ug/l	99
74) N-amyl acetate	10.01	43	112761	18.614	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	83131	19.479	ug/l	100
76) 1,2,3-Trichloropropane	10.50	75	98362	26.933	ug/l	84
77) Bromobenzene	10.46	156	60204	18.672	ug/l	95
78) n-propylbenzene	10.59	91	282086	18.803	ug/l	98
79) 2-Chlorotoluene	10.66	91	162060	18.318	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	203561	18.441	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.50	75	98362	62.334	ug/l #	100
82) 4-Chlorotoluene	10.78	91	194535	18.892	ug/l	99
83) tert-Butylbenzene	11.10	119	206225	19.422	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	205151	18.237	ug/l	97
85) sec-Butylbenzene	11.33	105	249617	18.780	ug/l	97
86) p-Isopropyltoluene	11.48	119	220575	18.530	ug/l	97
87) 1,3-Dichlorobenzene	11.42	146	110730	18.589	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	113357	18.907	ug/l	99
89) n-Butylbenzene	11.89	91	201082	19.027	ug/l	97
90) Hexachloroethane	12.15	117	43409	18.693	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	110696	18.553	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	21479	18.240	ug/l	89

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU061418\
Data File : VU024528.D
Acq On : 14 Jun 2018 10:43
Operator : MD/SY
Sample : VU0614WBS01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jun 15 01:31:55 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

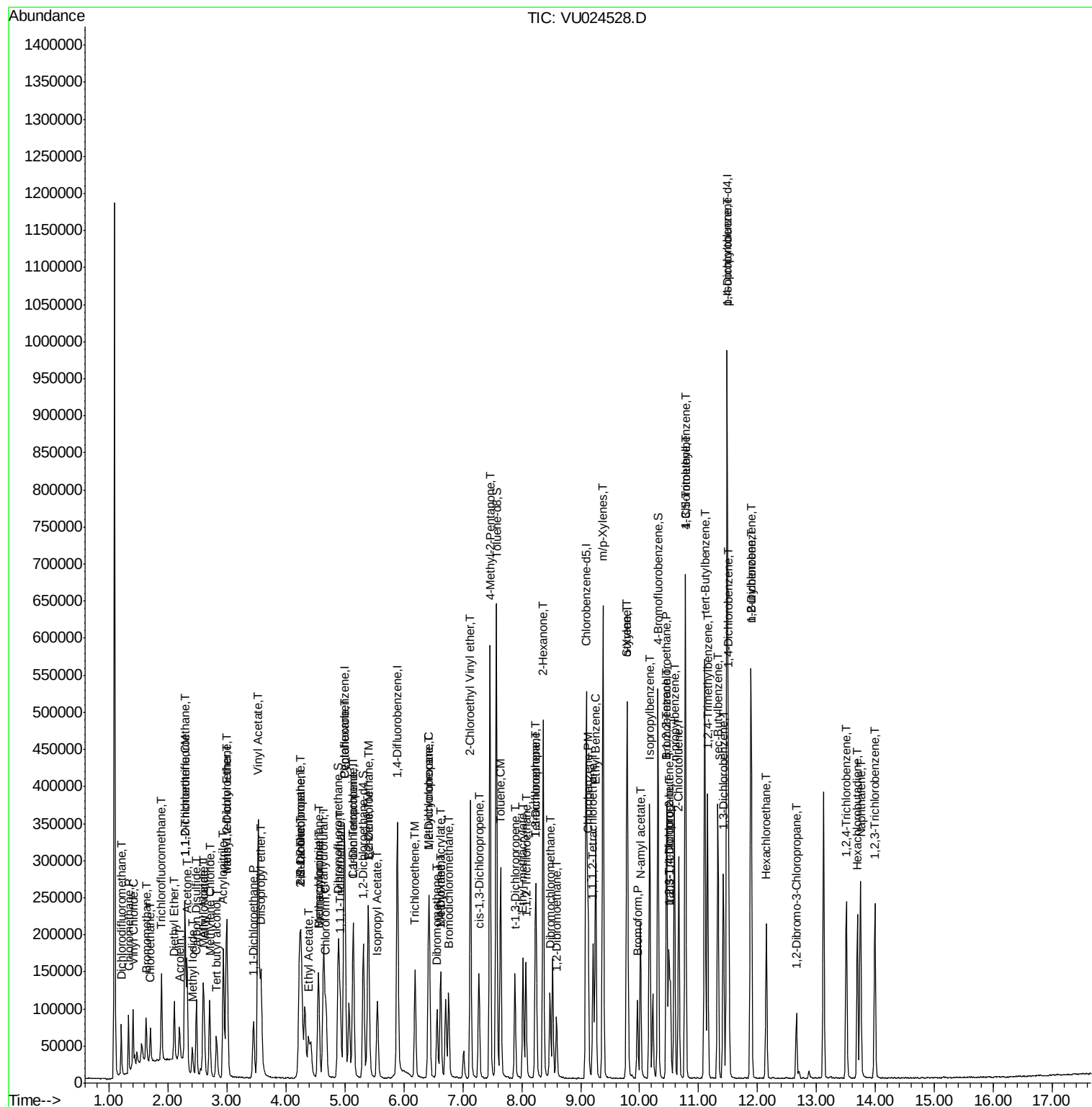
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	74386	20.189	ug/l	99
94) Hexachlorobutadiene	13.70	225	40847	19.697	ug/l	98
95) Naphthalene	13.75	128	219277	18.412	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	75519	20.570	ug/l	99

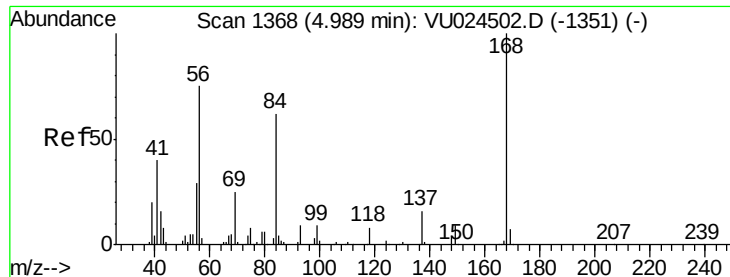
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU061418\
Data File : VU024528.D
Acq On : 14 Jun 2018 10:43
Operator : MD/SY
Sample : VU0614WBS01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :

Quant Time: Jun 15 01:31:55 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

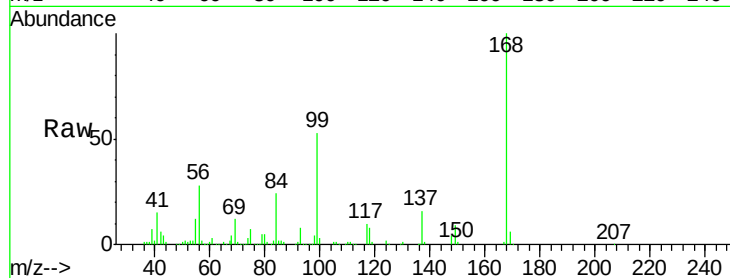
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 190996

Ion Ratio Lower Upper

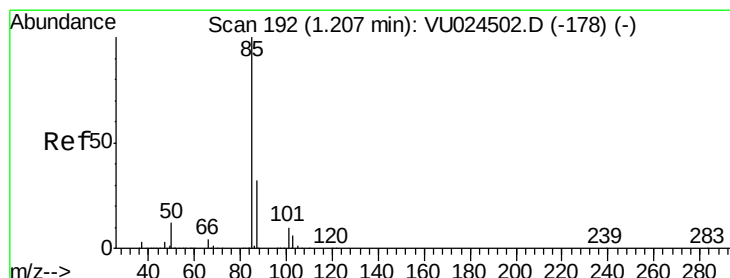
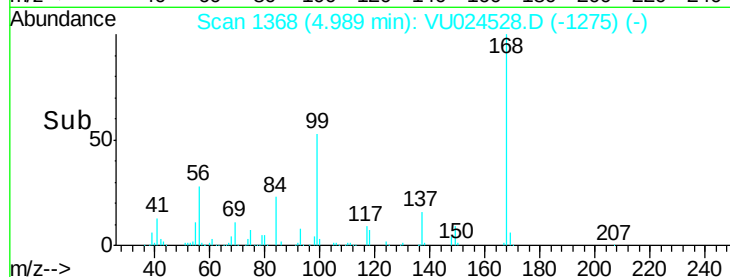
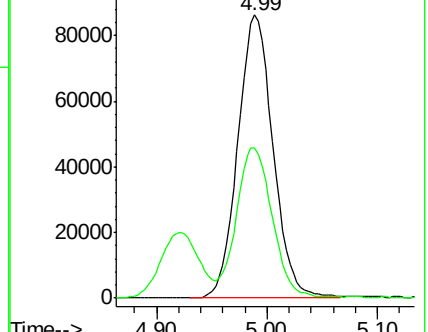
168 100

99 52.7 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024528.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024528.D (-1351) (-)



#2

Dichlorodifluoromethane

Concen: 17.066 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU024528.D

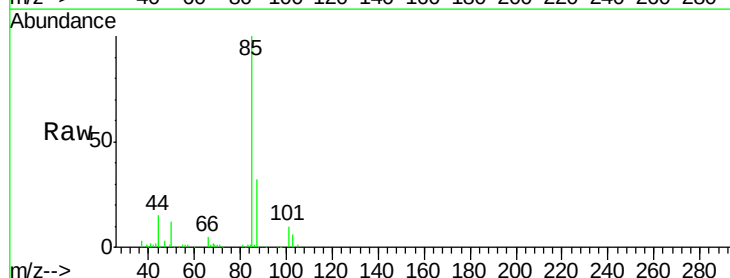
Acq: 14 Jun 2018 10:43

Tgt Ion: 85 Resp: 40800

Ion Ratio Lower Upper

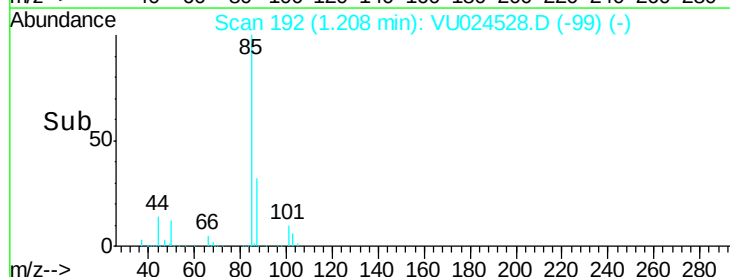
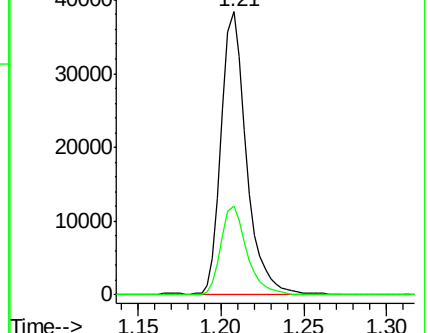
85 100

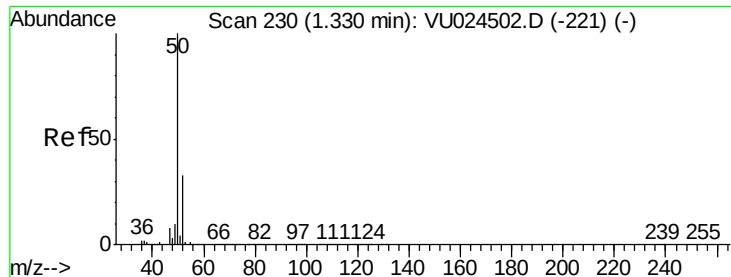
87 31.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU024528.D (-178) (-)

Ion 86.90 (86.60 to 87.60): VU024528.D (-178) (-)





#3

Chloromethane

Concen: 19.979 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

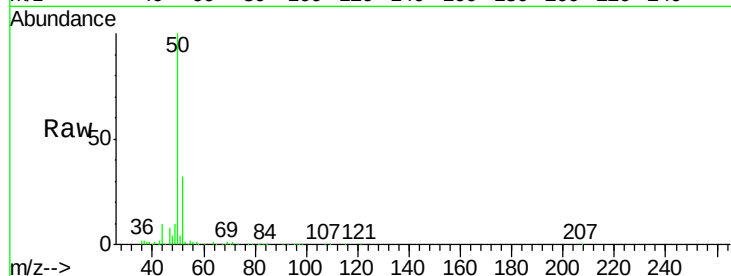
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 50 Resp: 48798

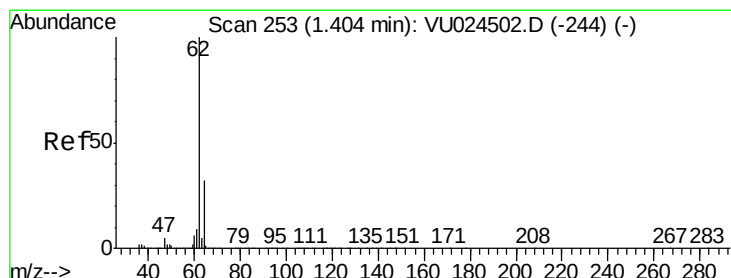
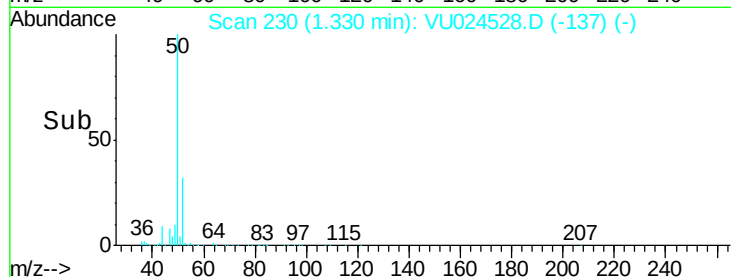
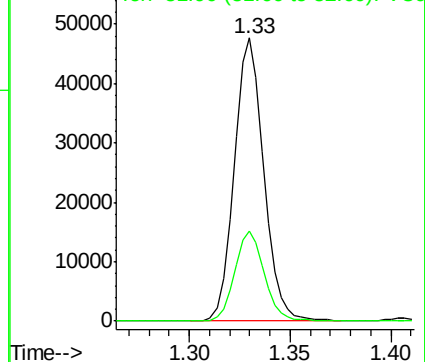
Ion Ratio Lower Upper

50 100

52 32.0 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU0
Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 18.935 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024528.D

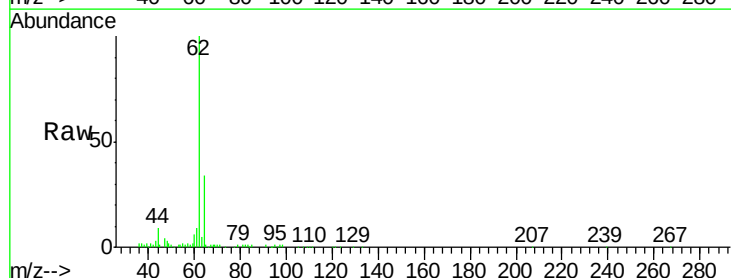
Acq: 14 Jun 2018 10:43

Tgt Ion: 62 Resp: 47693

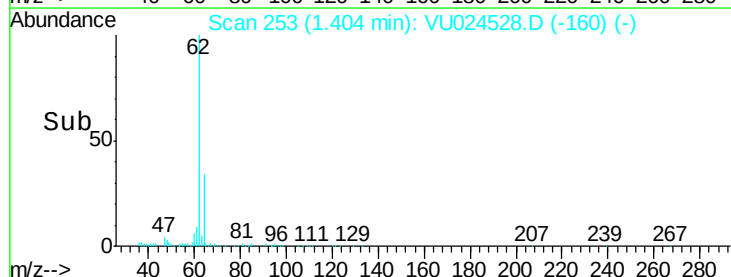
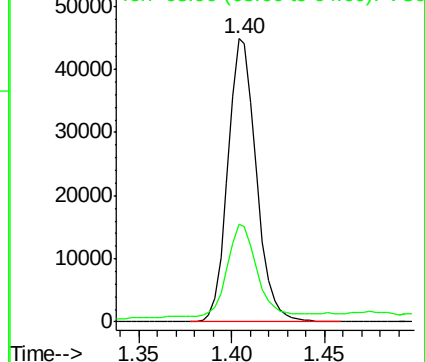
Ion Ratio Lower Upper

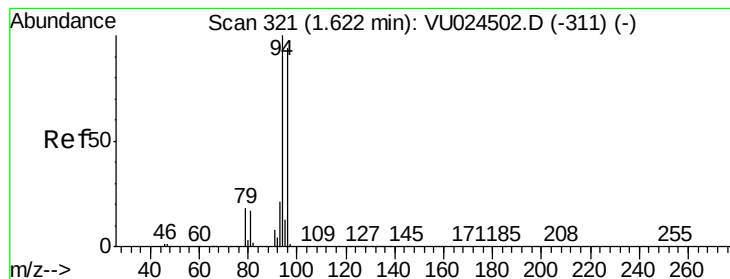
62 100

64 32.2 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0
Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 20.921 ug/l

RT: 1.63 min Scan# 323

Delta R.T. 0.01 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

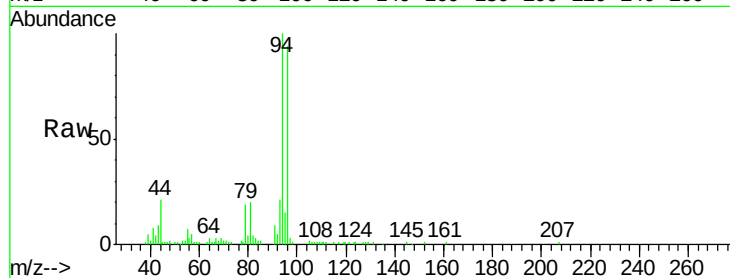
ClientSampled :

Tot Ion: 94 Resp: 25474

Ion Ratio Lower Upper

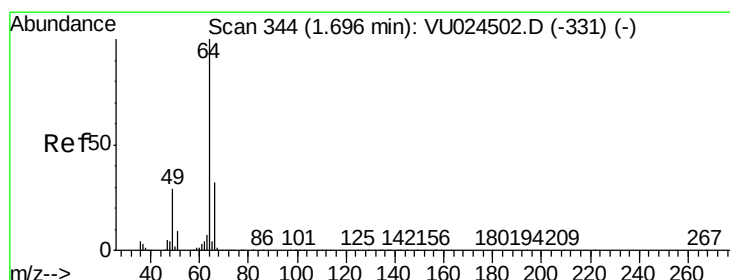
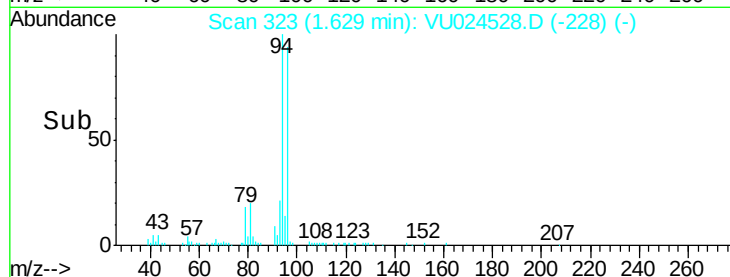
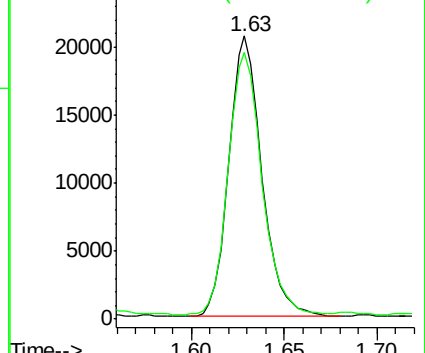
94 100

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: 19.959 ug/l

RT: 1.70 min Scan# 346

Delta R.T. 0.01 min

Lab File: VU024528.D

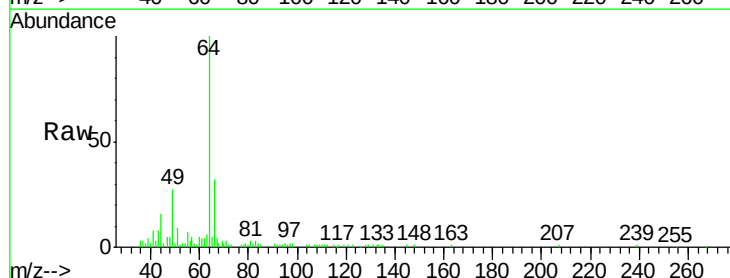
Acq: 14 Jun 2018 10:43

Tgt Ion: 64 Resp: 28983

Ion Ratio Lower Upper

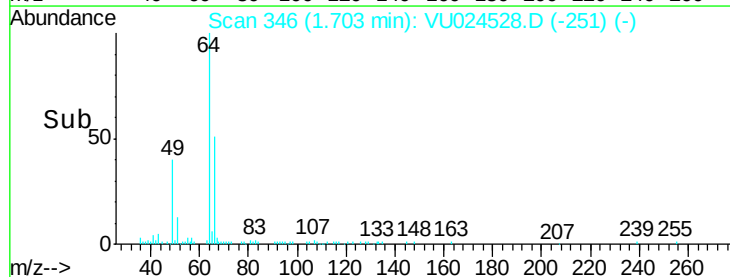
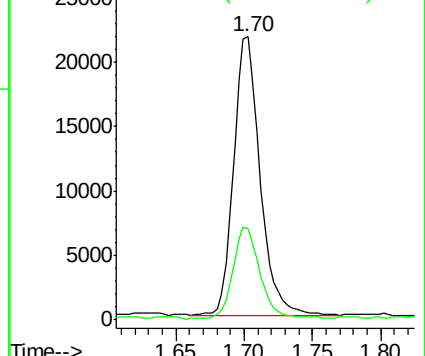
64 100

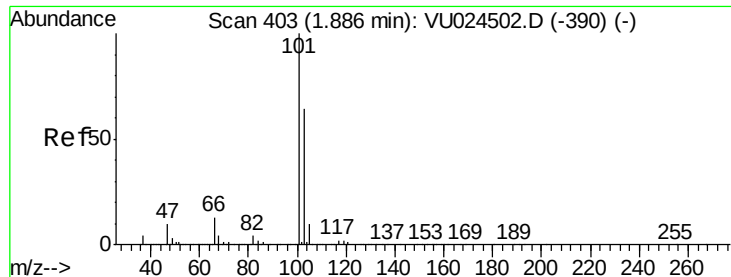
66 32.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



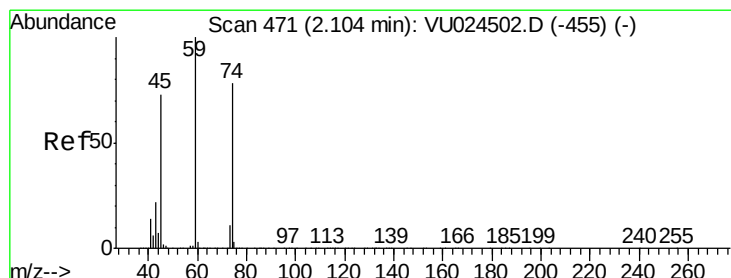
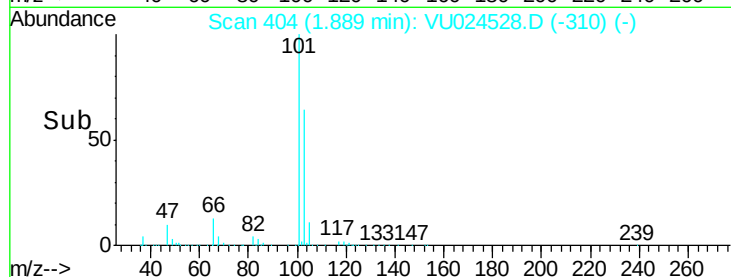
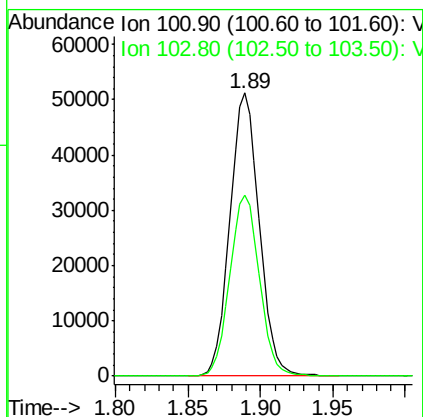
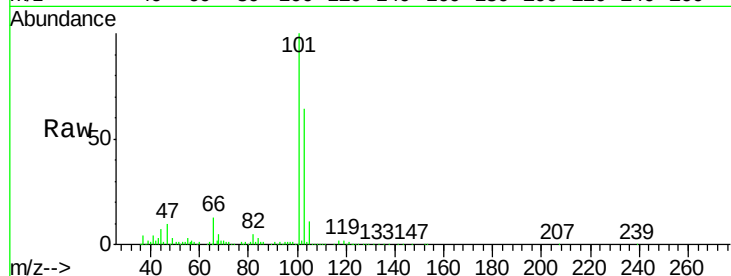


#7

Trichlorofluoromethane
Concen: 18.705 ug/l
RT: 1.89 min Scan# 404
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Instrument :
MSVOA_U
ClientSampleId :

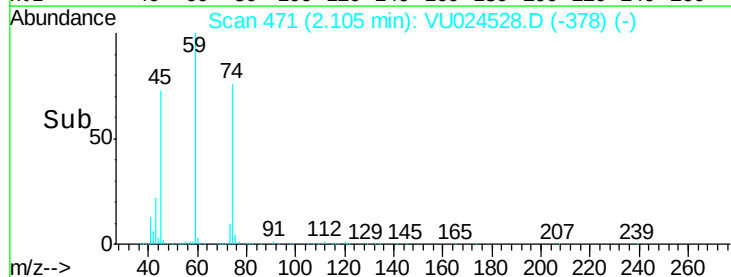
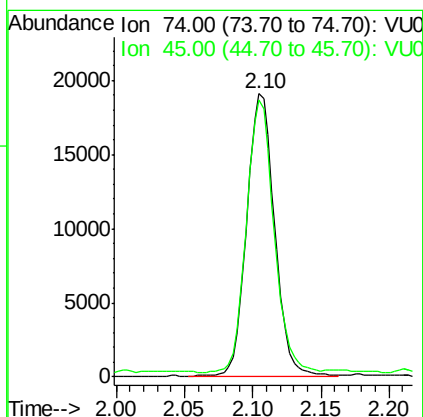
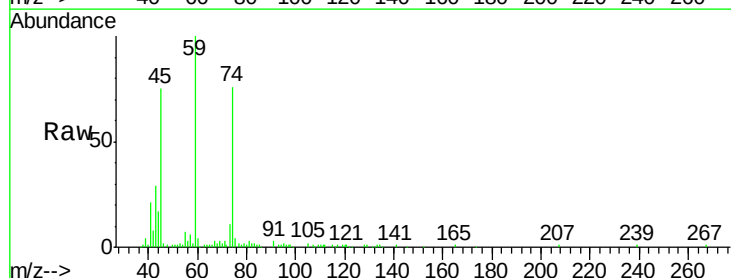
Tot Ion:101 Resp: 71902
Ion Ratio Lower Upper
101 100
103 63.8 52.3 78.5

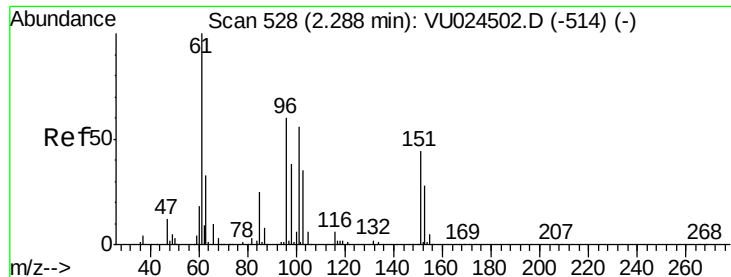


#8

Diethyl Ether
Concen: 19.779 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Tgt Ion: 74 Resp: 27362
Ion Ratio Lower Upper
74 100
45 94.7 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.577 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

ClientSampleId :

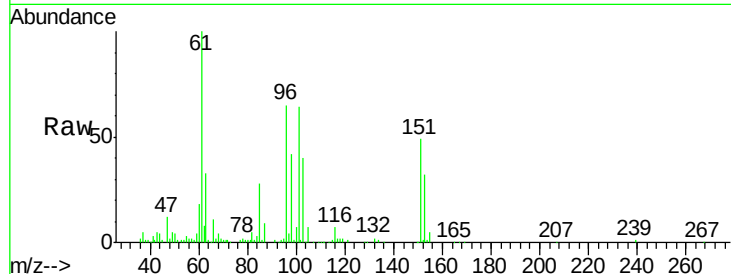
Tot Ion:101 Resp: 41918

Ion Ratio Lower Upper

101 100

85 44.2 36.0 54.0

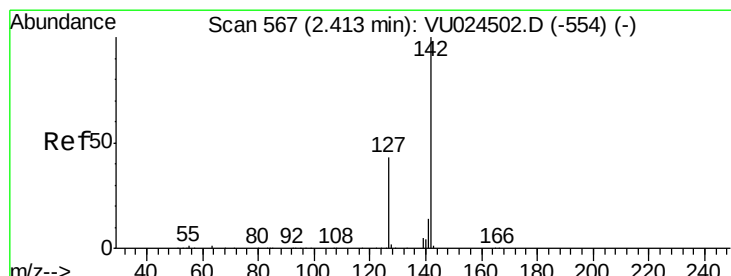
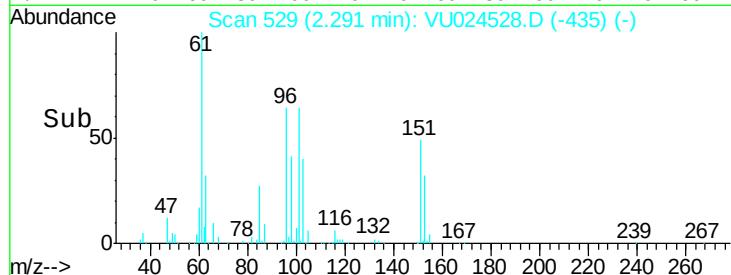
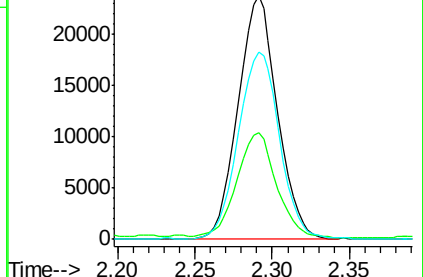
151 81.1 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.078 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

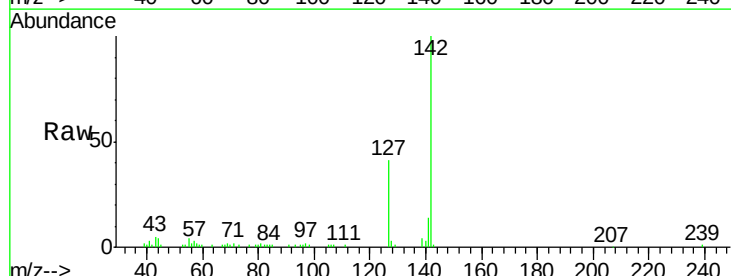
Tgt Ion:142 Resp: 35637

Ion Ratio Lower Upper

142 100

127 41.2 35.6 53.4

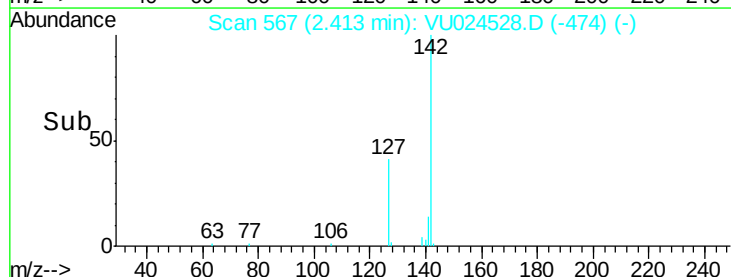
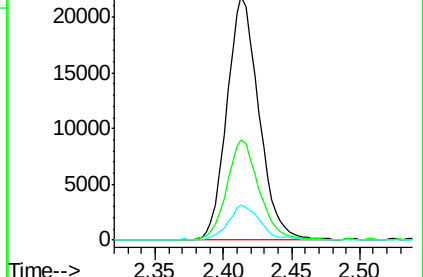
141 14.3 11.7 17.5

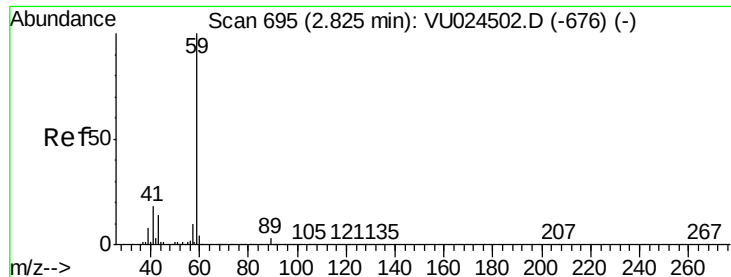


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



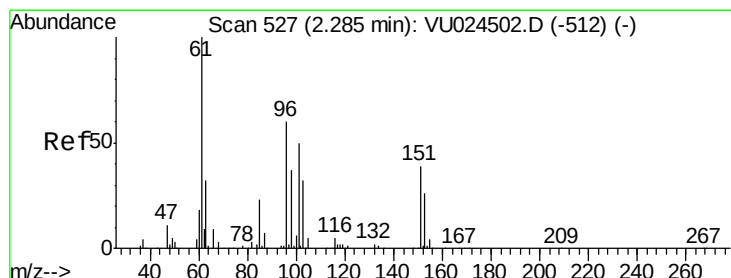
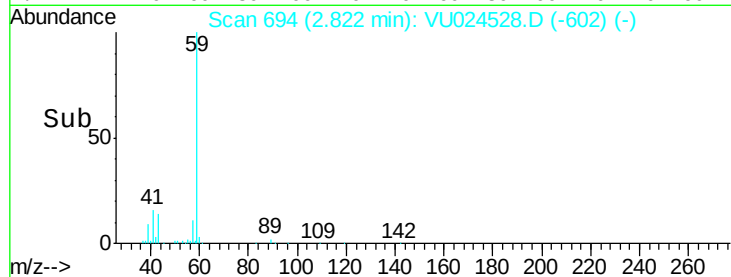
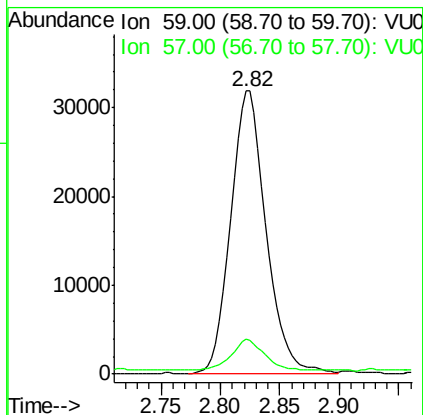
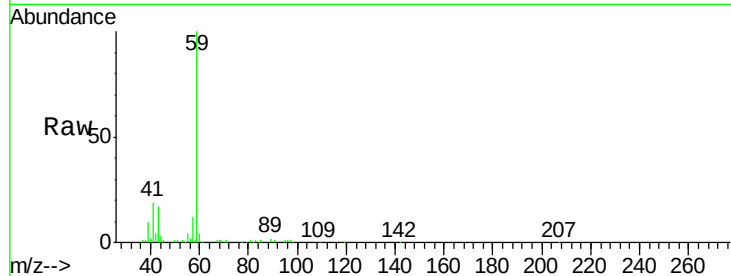


#11

Tert butyl alcohol
 Concen: 87.039 ug/l
 RT: 2.82 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

Instrument :
 MSVOA_U
 ClientSampleId :

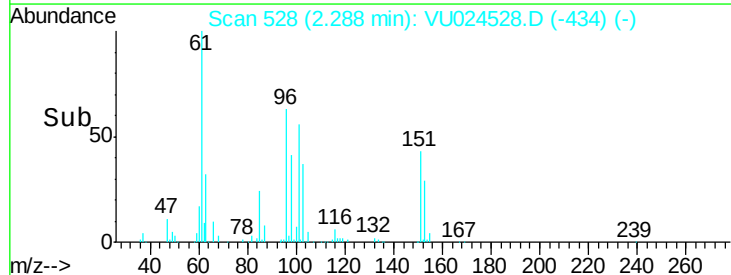
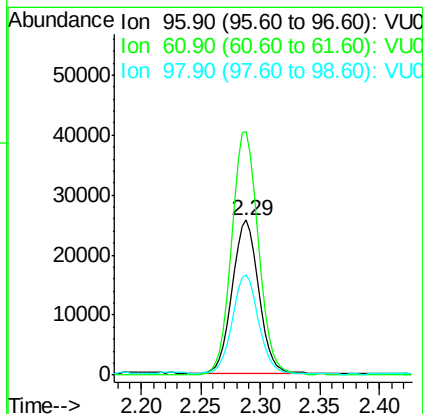
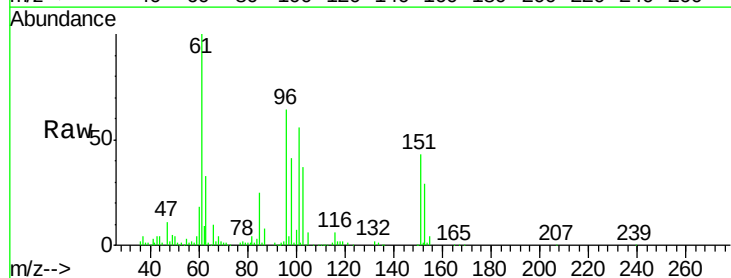
Tot Ion: 59 Resp: 66005
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.5 12.7

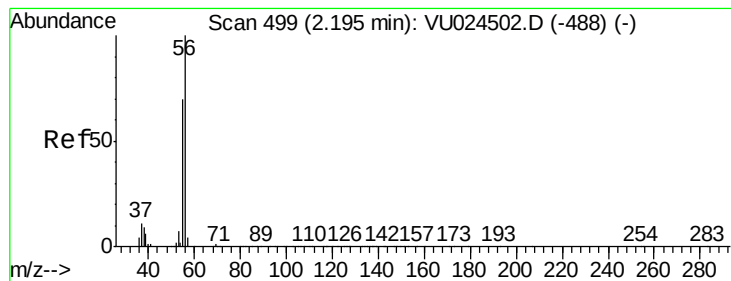


#12

1,1-Dichloroethene
 Concen: 18.491 ug/l
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

Tgt Ion: 96 Resp: 40213
 Ion Ratio Lower Upper
 96 100
 61 158.3 141.7 212.5
 98 64.6 51.6 77.4





#13

Acrolein

Concen: 75.671 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

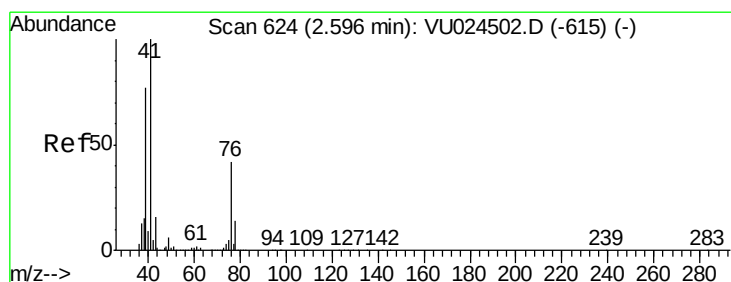
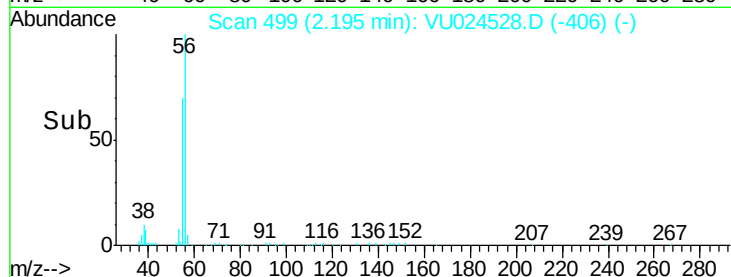
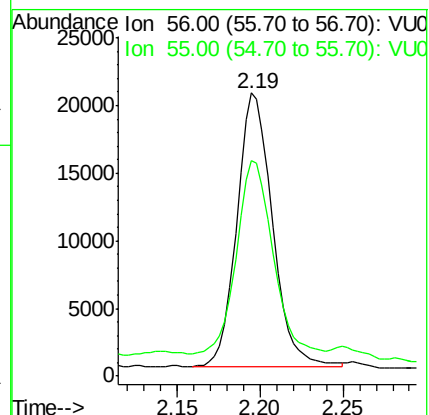
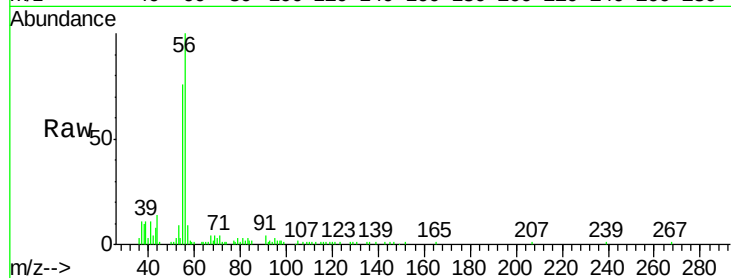
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 56 Resp: 30134

Ion Ratio Lower Upper

56 100

55 72.5 58.4 87.6



#14

Allyl chloride

Concen: 17.139 ug/l

RT: 2.60 min Scan# 624

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

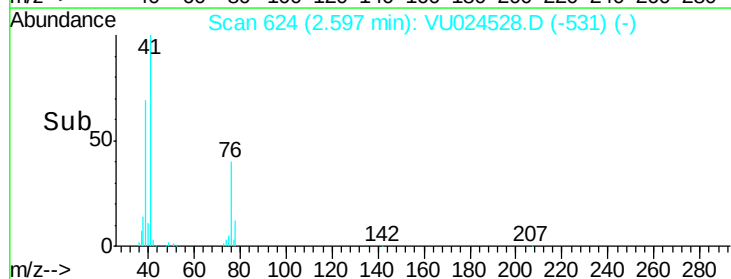
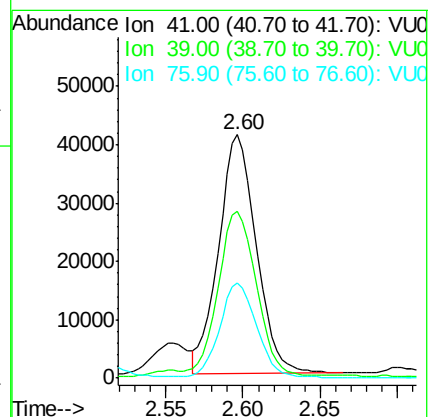
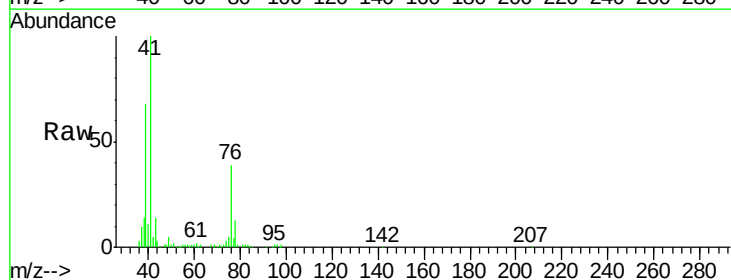
Tgt Ion: 41 Resp: 69208

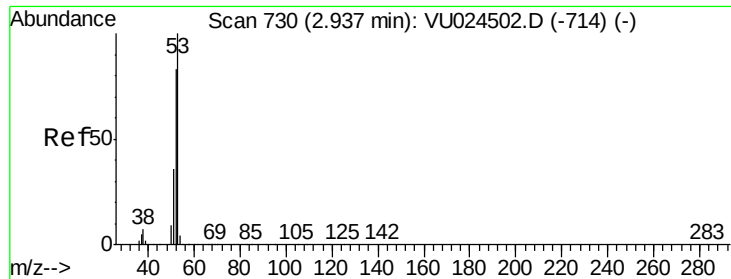
Ion Ratio Lower Upper

41 100

39 70.1 61.6 92.4

76 40.0 29.7 44.5





#15

Acrylonitrile

Concen: 94.475 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

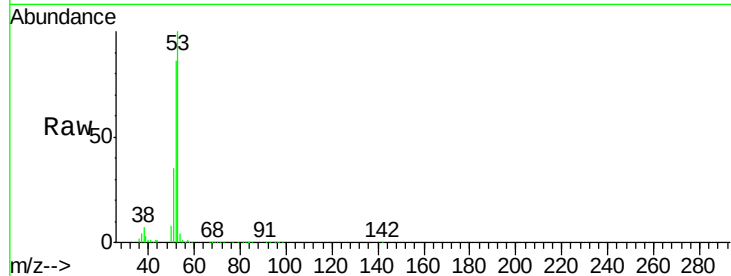
Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 53 Resp: 139392

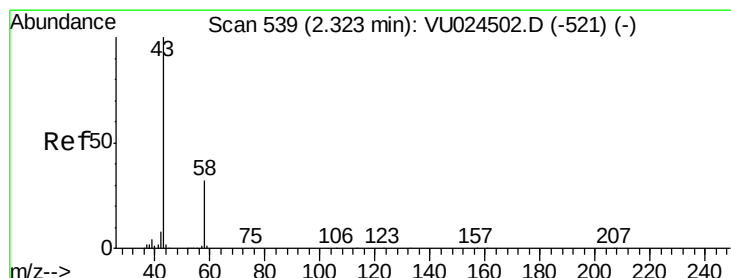
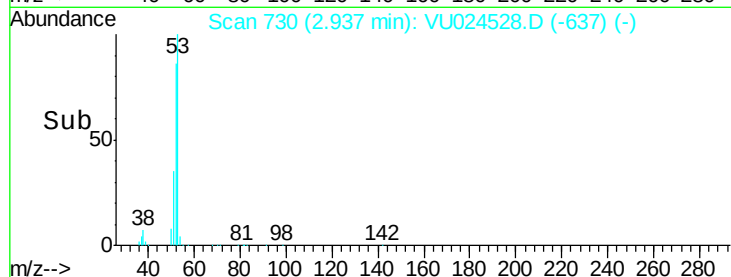
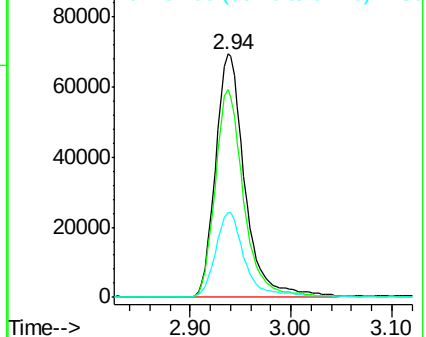
Ion	Ratio	Lower	Upper
53	100		
52	83.4	67.1	100.7
51	35.7	28.4	42.6



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 87.979 ug/l

RT: 2.32 min Scan# 538

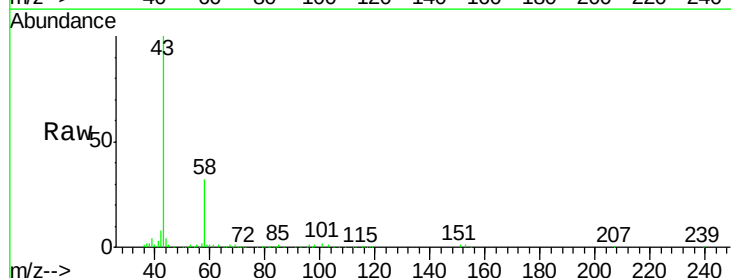
Delta R.T. -0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

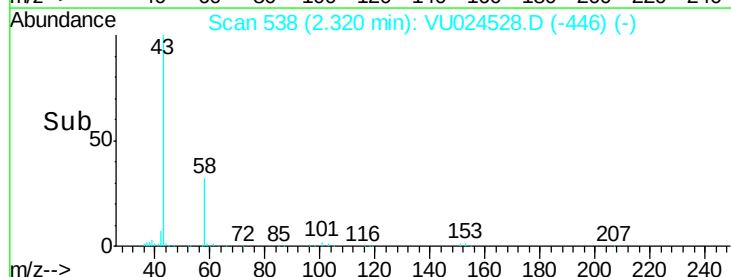
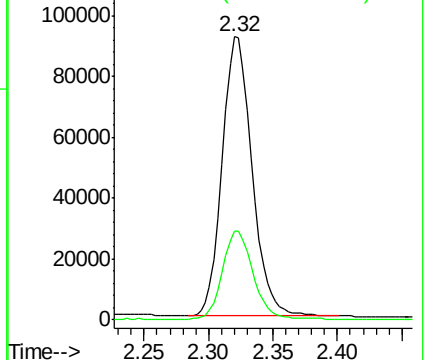
Tgt Ion: 43 Resp: 147394

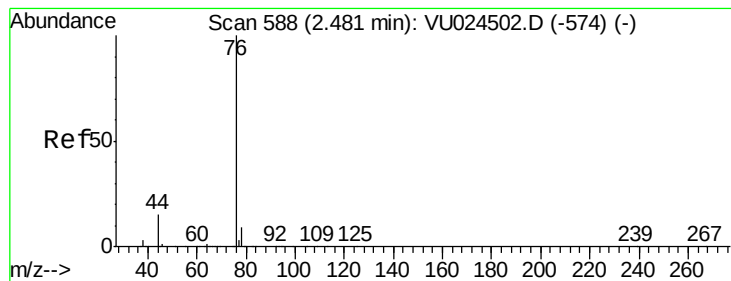
Ion	Ratio	Lower	Upper
43	100		
58	31.7	24.4	36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 18.115 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

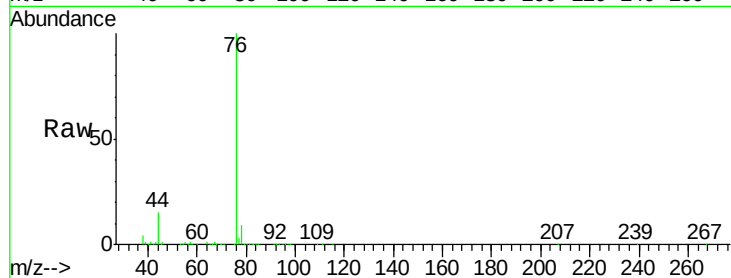
ClientSampleId :

Tot Ion: 76 Resp: 126146

Ion Ratio Lower Upper

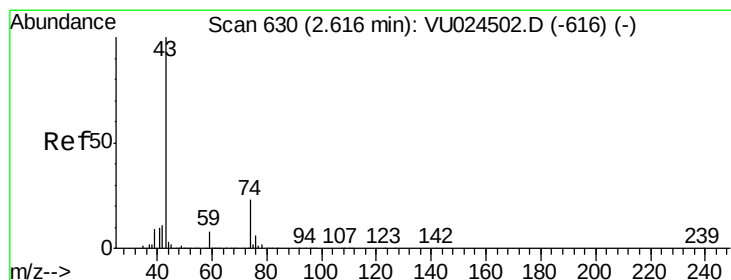
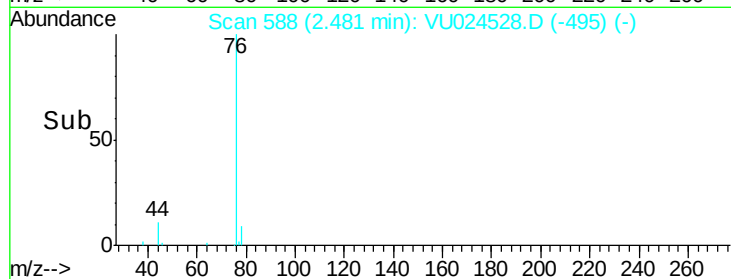
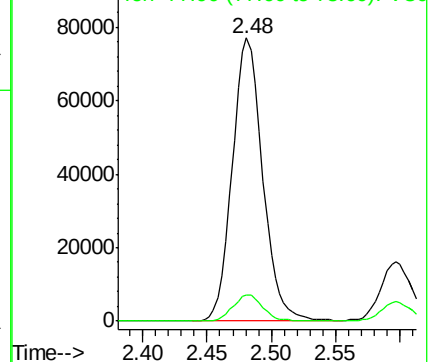
76 100

78 9.4 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: 18.787 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU024528.D

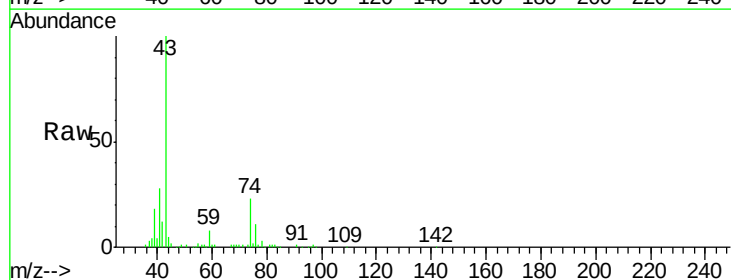
Acq: 14 Jun 2018 10:43

Tgt Ion: 43 Resp: 67475

Ion Ratio Lower Upper

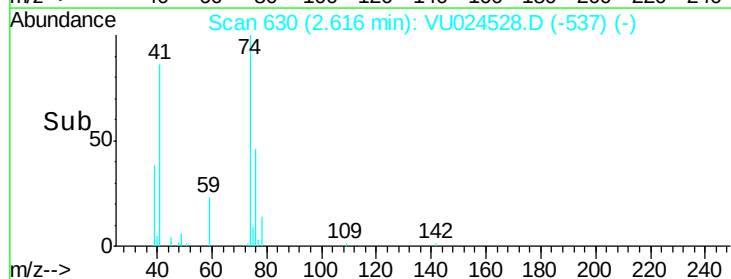
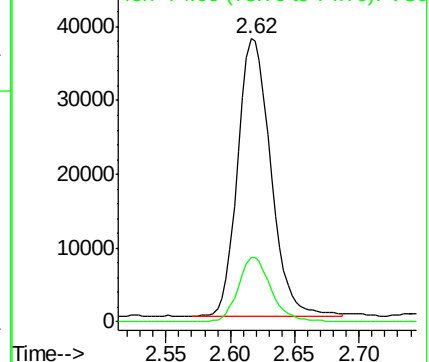
43 100

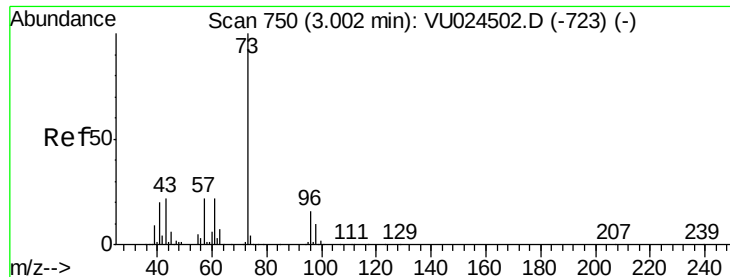
74 23.1 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



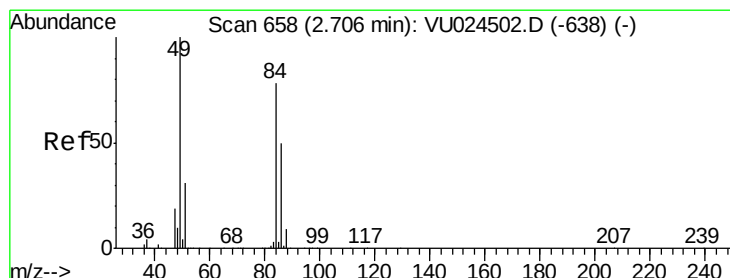
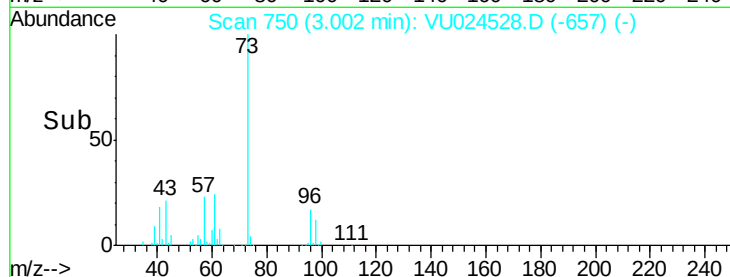
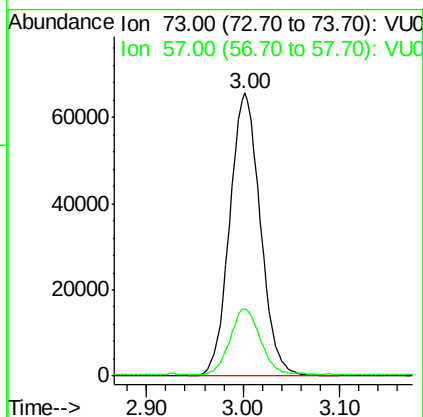
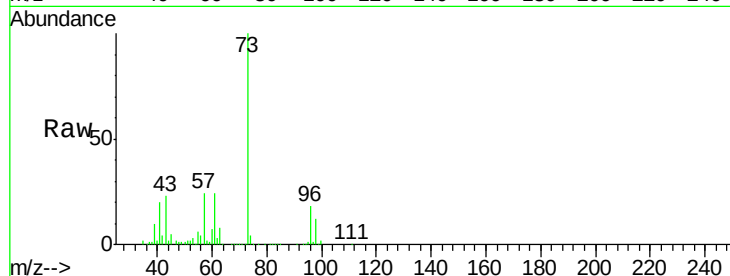


#19

Methyl tert-butyl Ether
 Concen: 17.695 ug/l
 RT: 3.00 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

Instrument :
 MSVOA_U
 ClientSampleId :

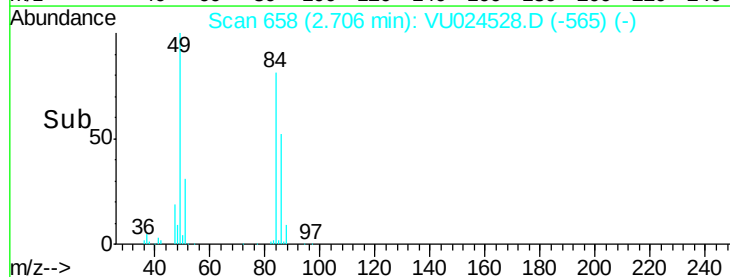
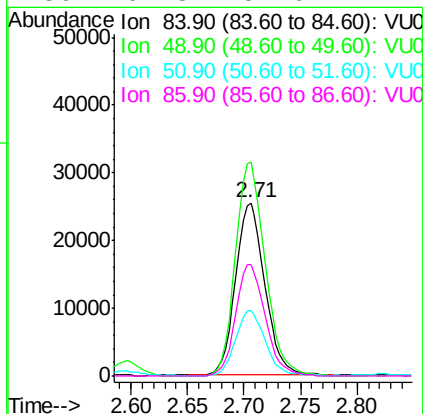
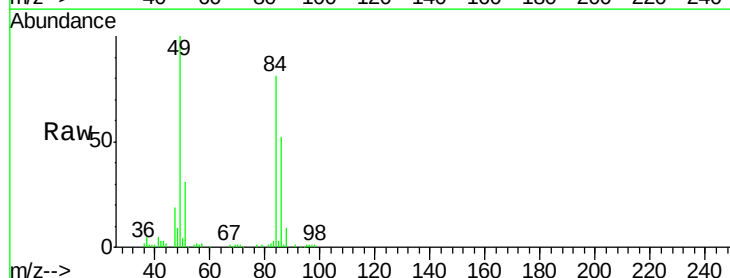
Tot Ion: 73 Resp: 144658
 Ion Ratio Lower Upper
 73 100
 57 23.1 18.8 28.2

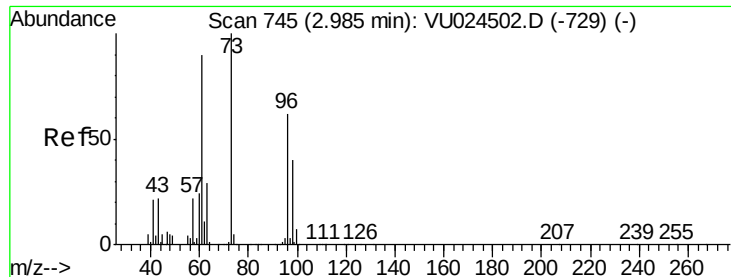


#20

Methylene Chloride
 Concen: 17.550 ug/l
 RT: 2.71 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

Tgt Ion: 84 Resp: 46133
 Ion Ratio Lower Upper
 84 100
 49 123.7 103.8 155.8
 51 37.8 32.0 48.0
 86 64.8 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 17.514 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :
MSVOA_U
ClientSampleId :

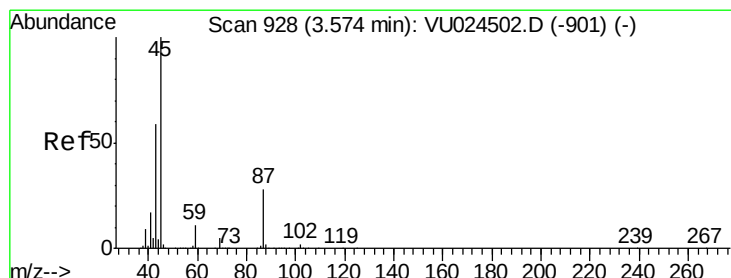
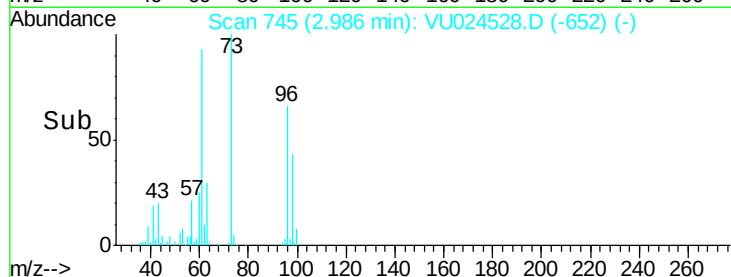
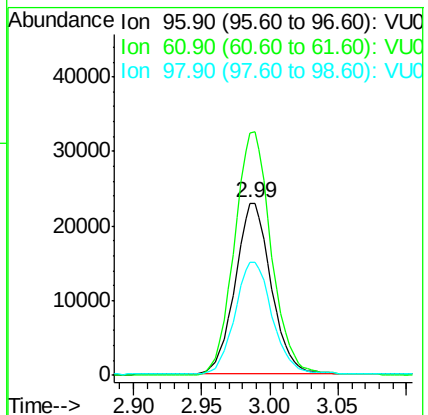
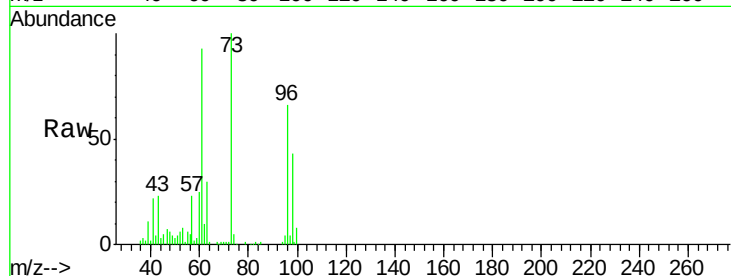
Tot Ion: 96 Resp: 41950

Ion Ratio Lower Upper

96 100

61 142.0 119.4 179.0

98 65.1 51.1 76.7



#22

Diisopropyl ether

Concen: 18.439 ug/l

RT: 3.57 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Tgt Ion: 45 Resp: 147594

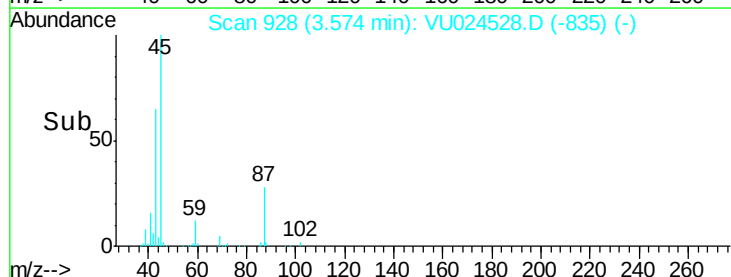
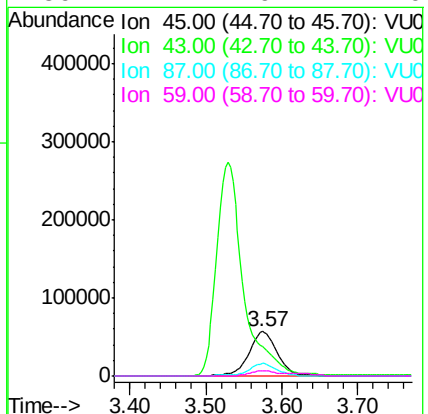
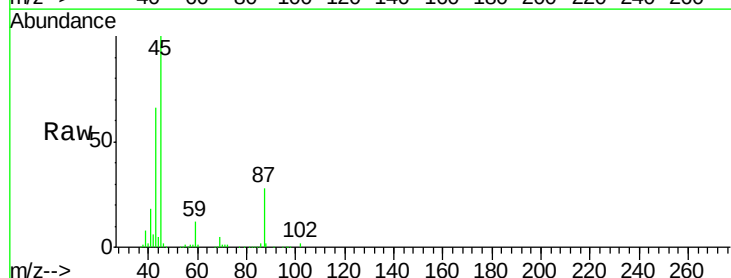
Ion Ratio Lower Upper

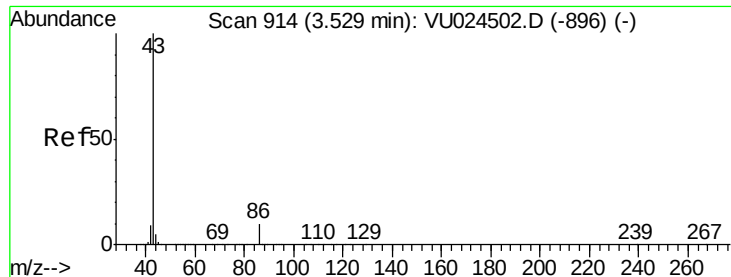
45 100

43 65.1 45.8 68.6

87 27.9 20.6 31.0

59 12.1 9.4 14.0





#23

Vinyl Acetate

Concen: 93.370 ug/l

RT: 3.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

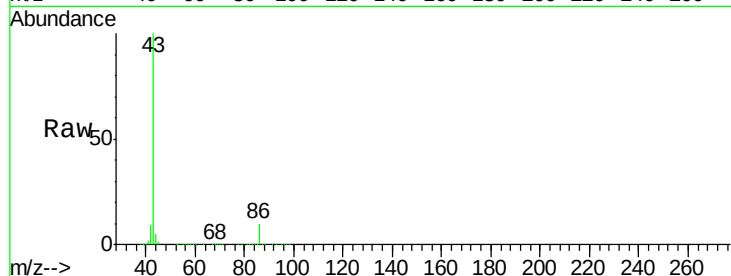
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 669512

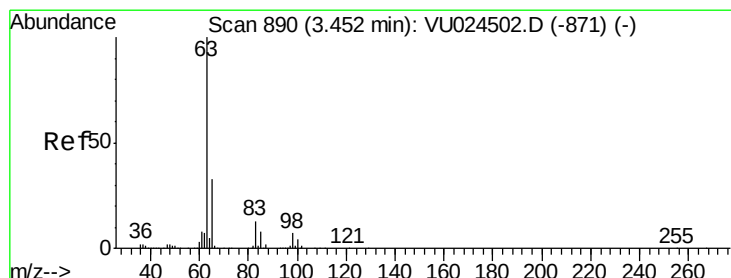
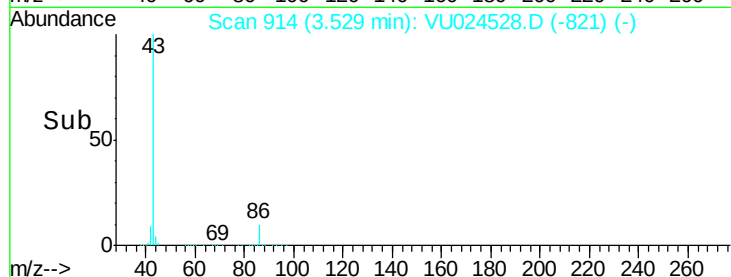
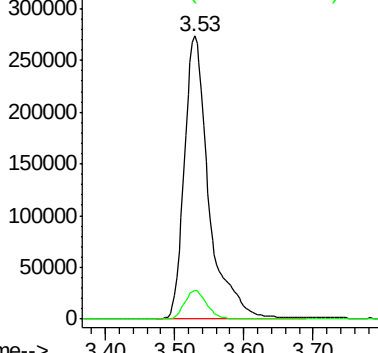
Ion Ratio Lower Upper

43 100

86 10.2 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 17.979 ug/l

RT: 3.45 min Scan# 890

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

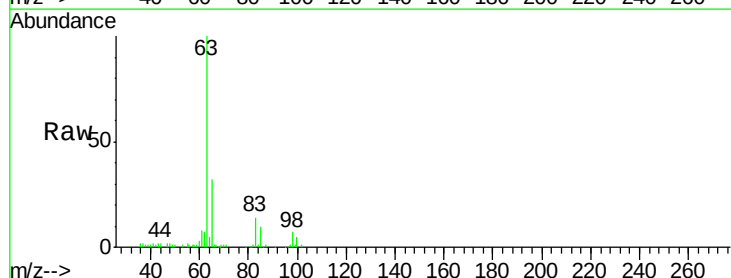
Tgt Ion: 63 Resp: 82789

Ion Ratio Lower Upper

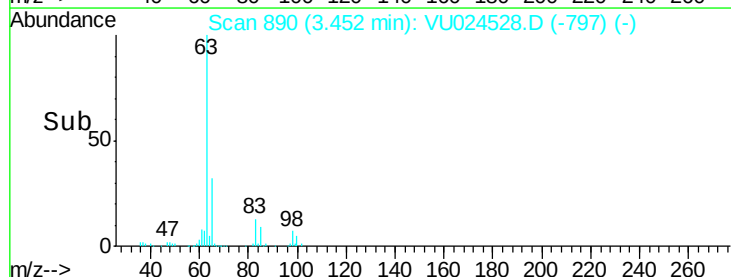
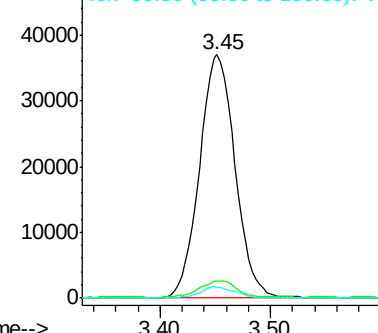
63 100

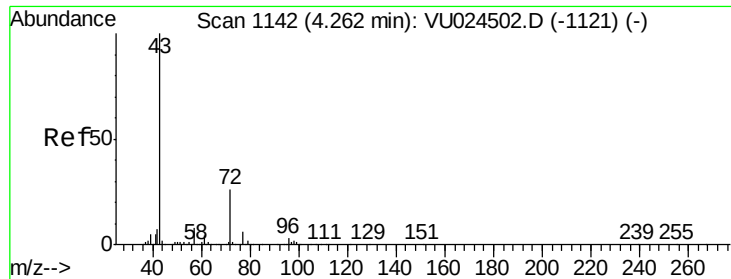
98 6.9 3.5 10.4

100 4.6 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VU0
Ion 97.90 (97.60 to 98.60): VU0
Ion 99.90 (99.60 to 100.60): VU0

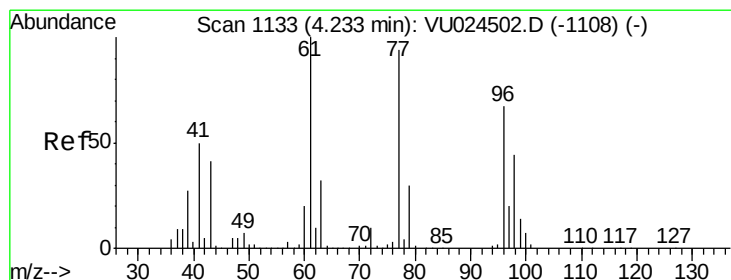
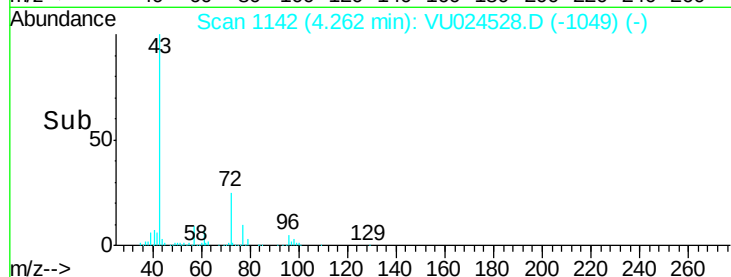
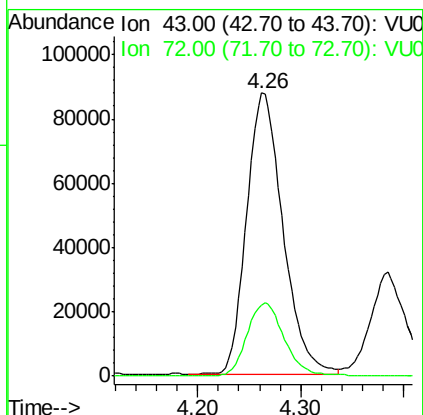
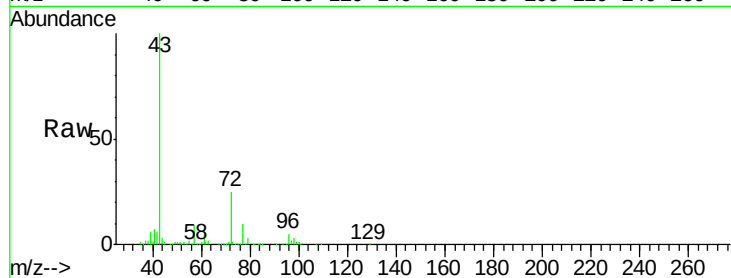




#25
 2-Butanone
 Concen: 95.562 ug/l
 RT: 4.26 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

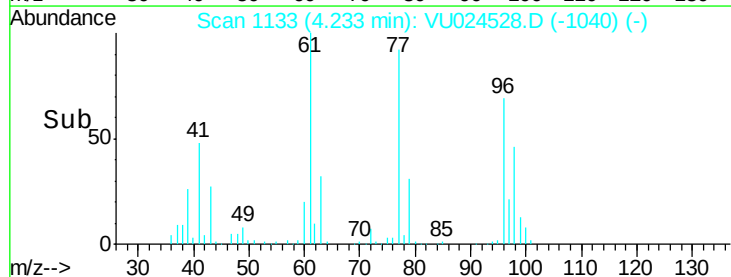
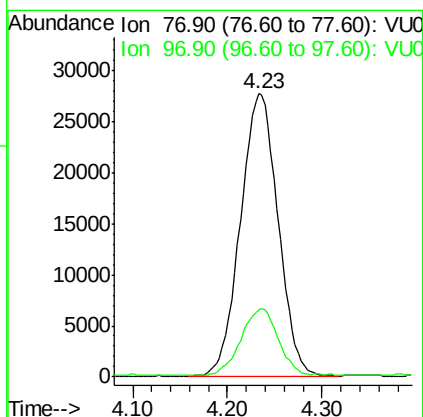
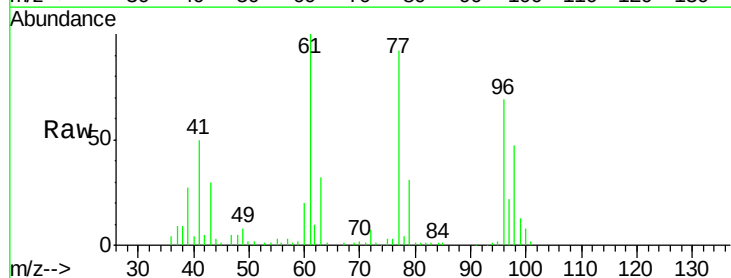
Instrument :
 MSVOA_U
 ClientSampleId :

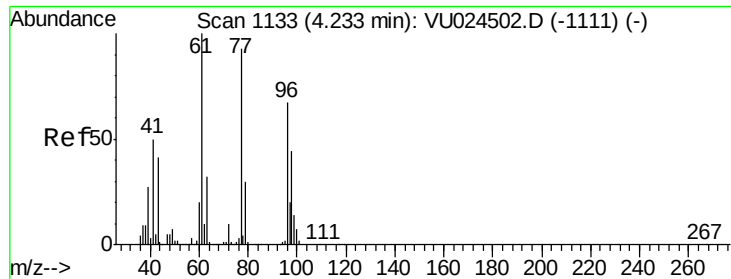
Tot Ion: 43 Resp: 215047
 Ion Ratio Lower Upper
 43 100
 72 25.3 19.6 29.4



#26
 2,2-Dichloropropane
 Concen: 17.581 ug/l
 RT: 4.23 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

Tgt Ion: 77 Resp: 76875
 Ion Ratio Lower Upper
 77 100
 97 23.3 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 18.359 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

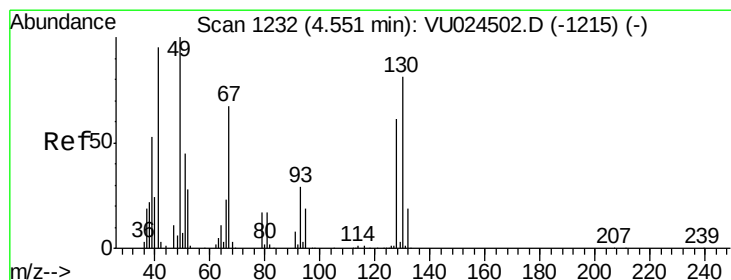
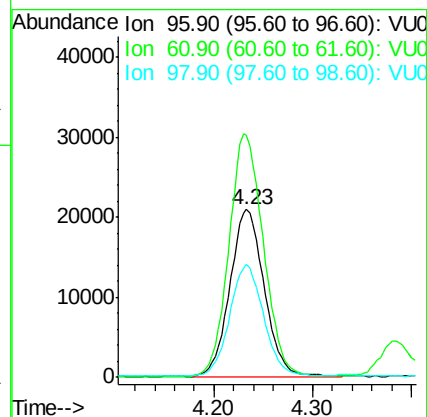
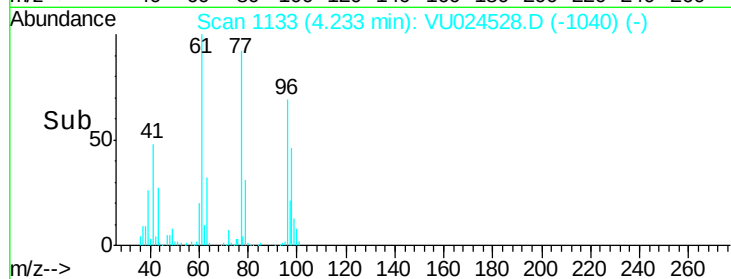
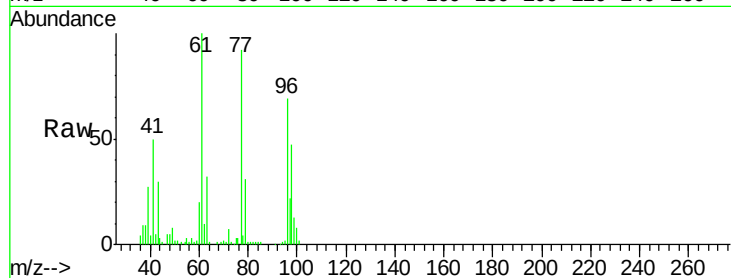
Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 96 Resp: 50557

Ion	Ratio	Lower	Upper
96	100		
61	147.2	0.0	306.6
98	65.8	0.0	128.8



#28

Bromochloromethane

Concen: 21.142 ug/l

RT: 4.55 min Scan# 1233

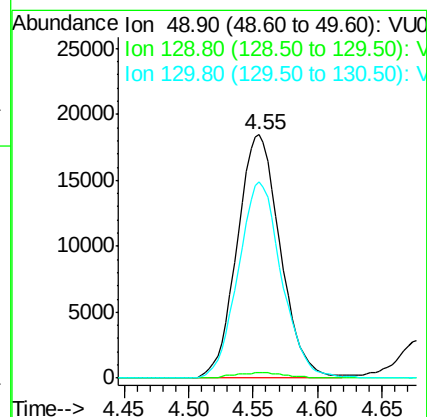
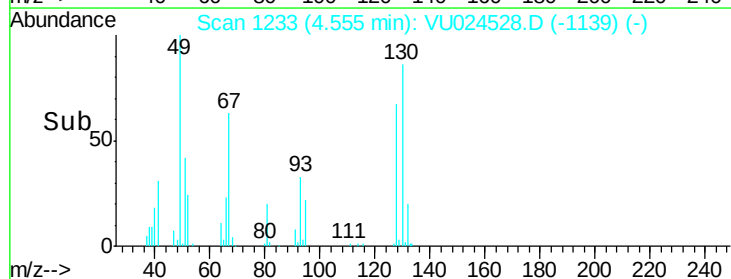
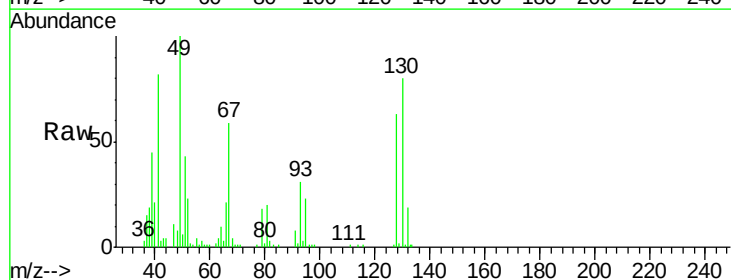
Delta R.T. 0.00 min

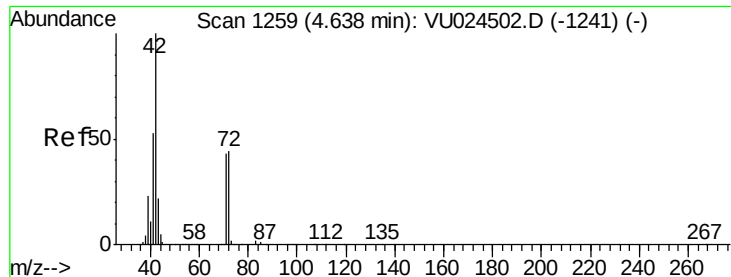
Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Tgt Ion: 49 Resp: 42881

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	3.8
130	81.2	57.8	86.6





#29

Tetrahydrofuran

Concen: 93.666 ug/l

RT: 4.64 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

ClientSampleId :

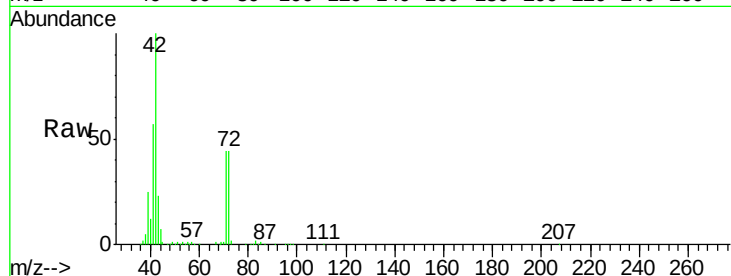
Tot Ion: 42 Resp: 130529

Ion Ratio Lower Upper

42 100

72 45.2 34.5 51.7

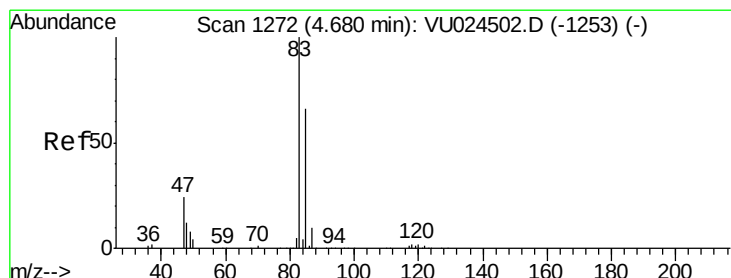
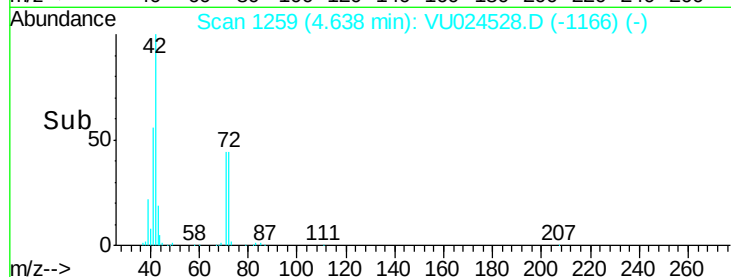
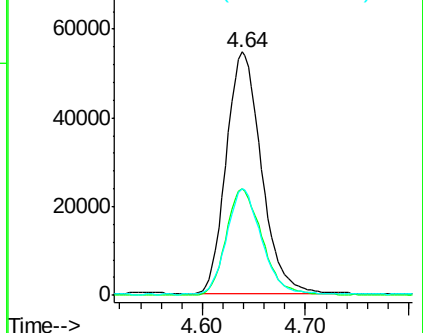
71 42.7 32.2 48.4



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#30

Chloroform

Concen: 18.256 ug/l

RT: 4.68 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU024528.D

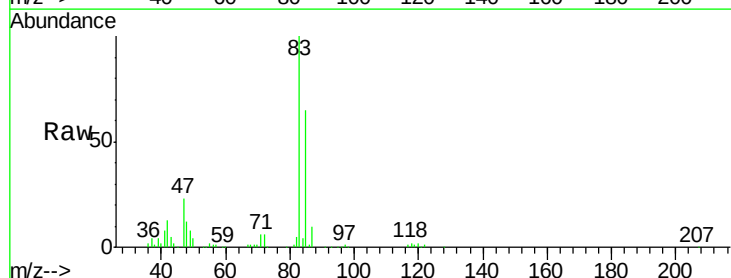
Acq: 14 Jun 2018 10:43

Tgt Ion: 83 Resp: 85091

Ion Ratio Lower Upper

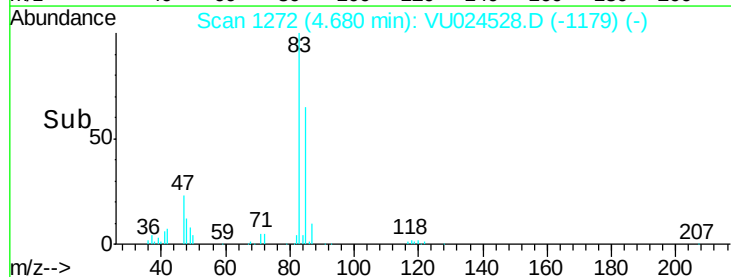
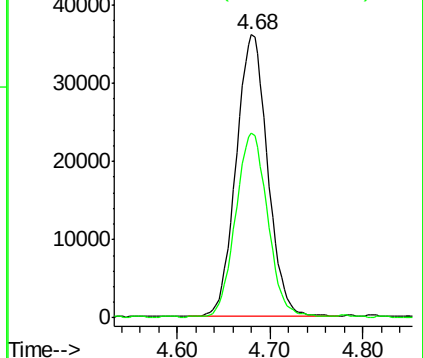
83 100

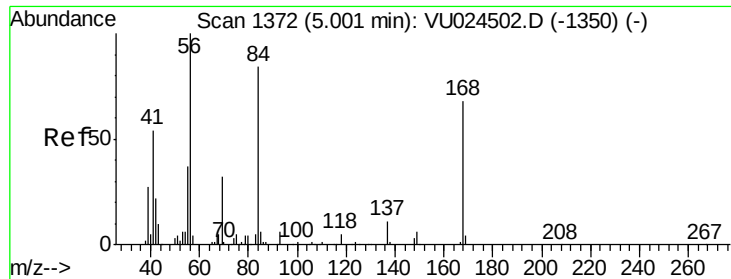
85 65.3 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

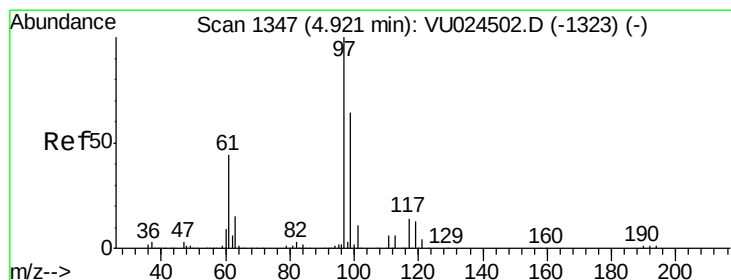
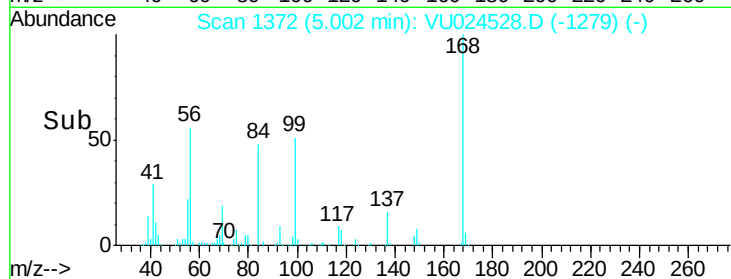
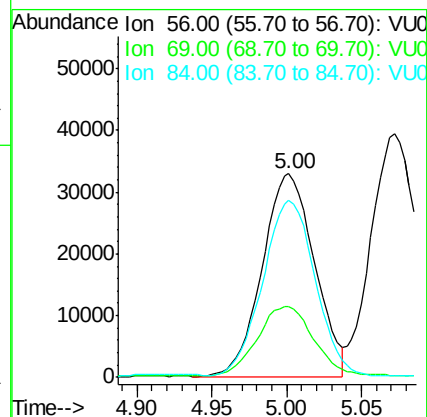
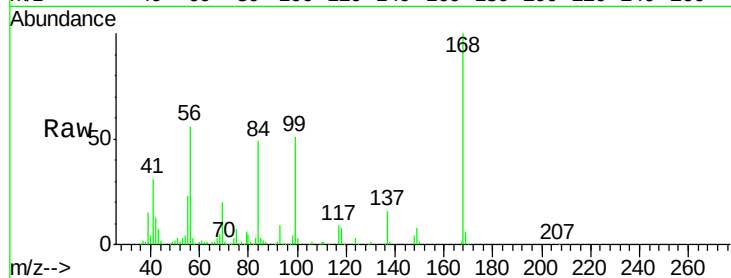




#31
Cyclohexane
Concen: 18.239 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

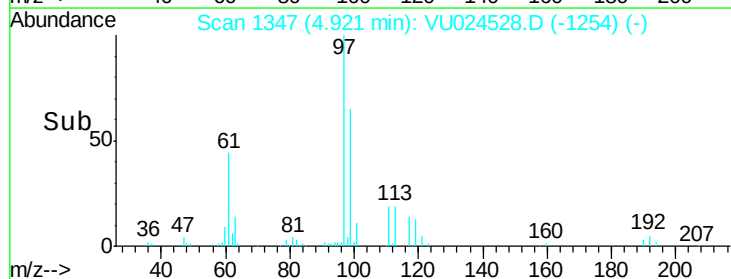
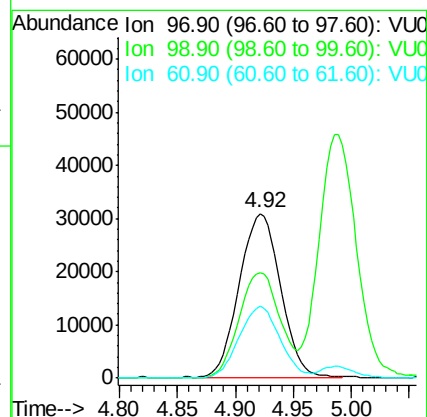
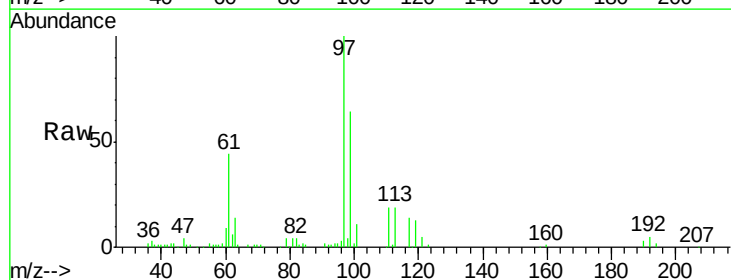
Instrument :
MSVOA_U
ClientSampled :

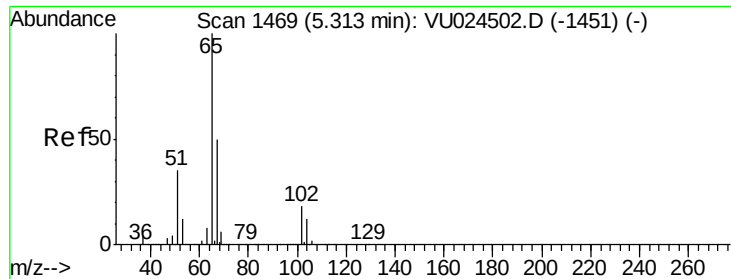
Tot Ion: 56 Resp: 79711
Ion Ratio Lower Upper
56 100
69 34.0 24.8 37.2
84 85.8 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 17.634 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Tgt Ion: 97 Resp: 76002
Ion Ratio Lower Upper
97 100
99 64.8 51.0 76.6
61 43.7 39.4 59.0

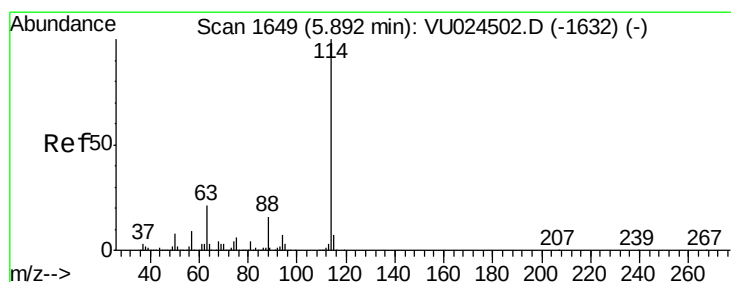
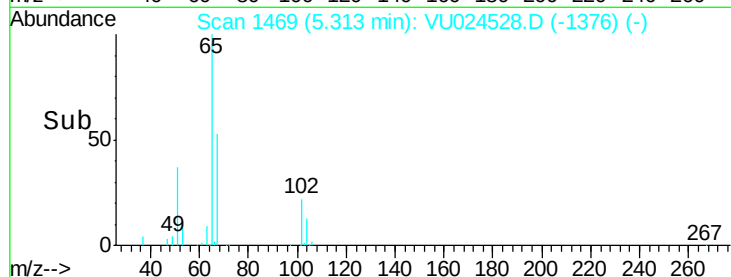
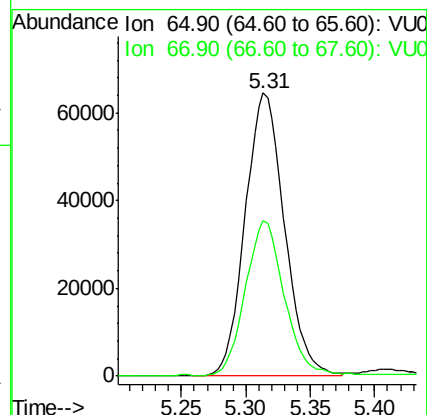
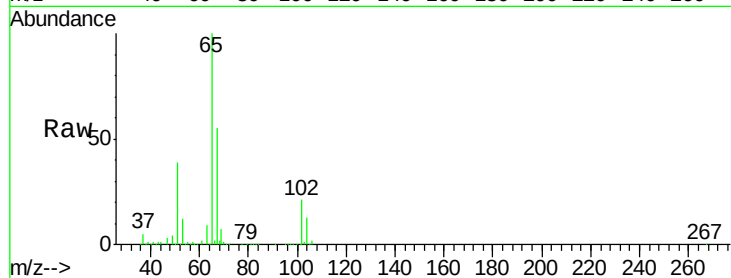




#33
 1,2-Dichloroethane-d4
 Concen: 44.004 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

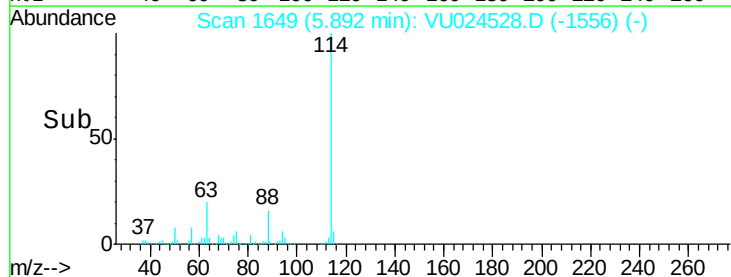
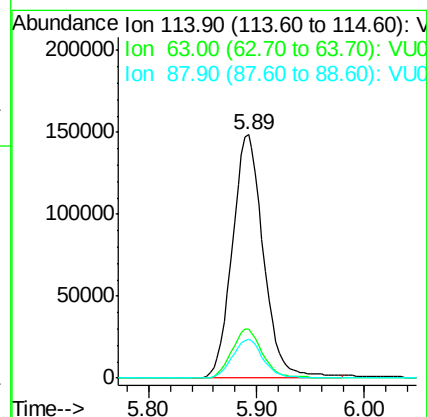
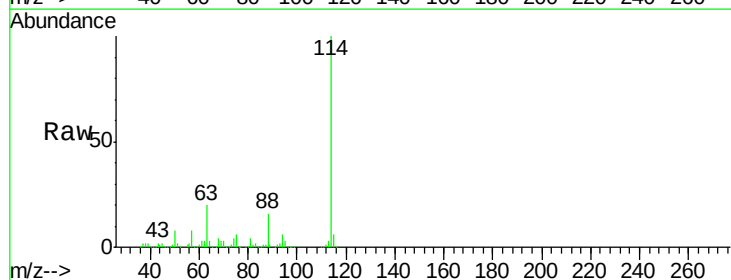
Instrument :
 MSVOA_U
 ClientSampleId :

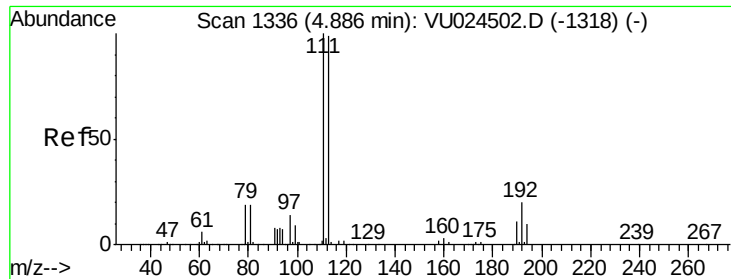
Tot Ion: 65 Resp: 137208
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

Tgt Ion: 114 Resp: 299060
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 45.4
 88 15.9 0.0 31.0





#35

Dibromofluoromethane

Concen: 47.986 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

ClientSampleId :

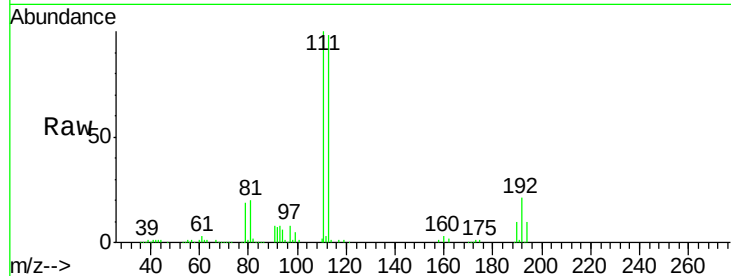
Tot Ion:113 Resp: 119099

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

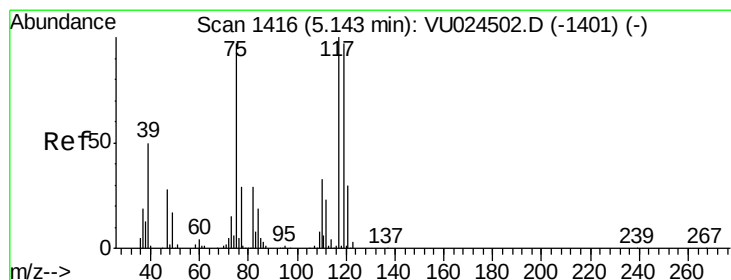
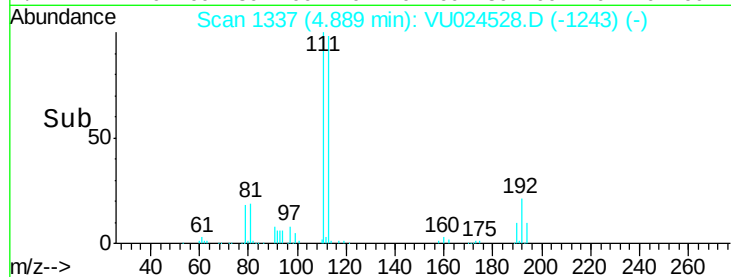
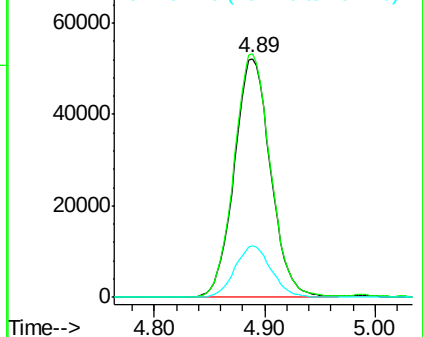
192 21.6 16.2 24.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.062 ug/l

RT: 5.14 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

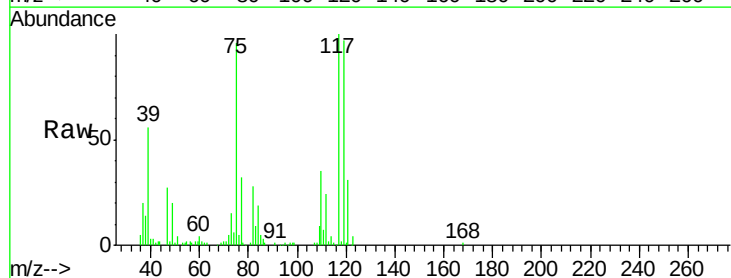
Tgt Ion: 75 Resp: 63473

Ion Ratio Lower Upper

75 100

110 36.6 17.0 50.9

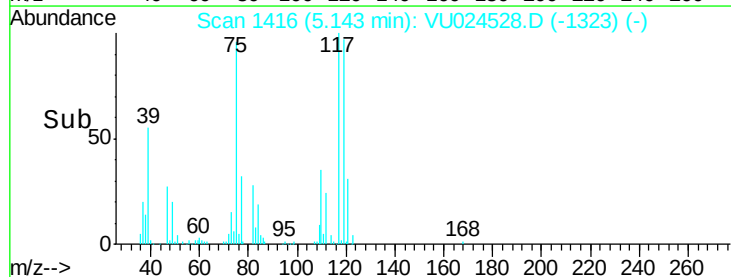
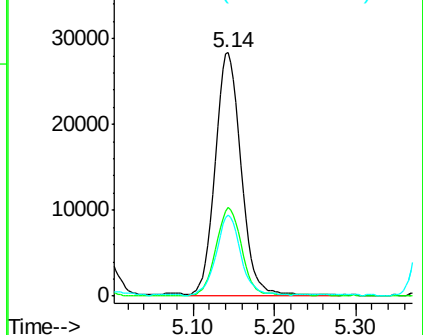
77 31.4 24.2 36.4

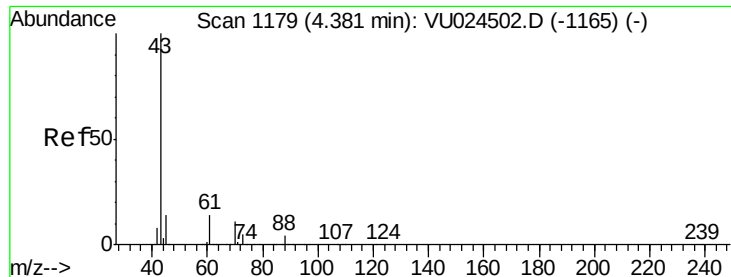


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

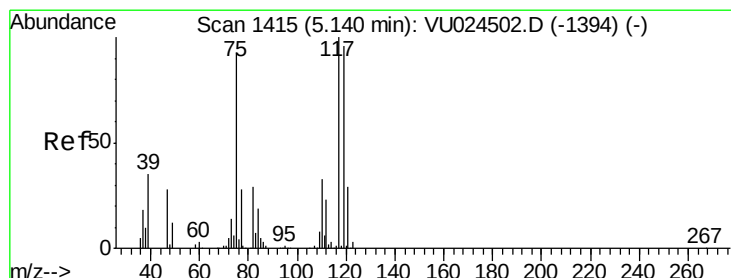
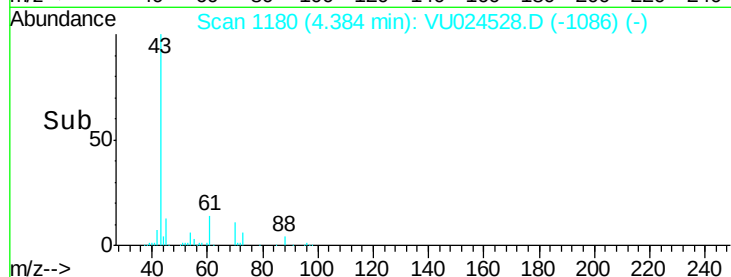
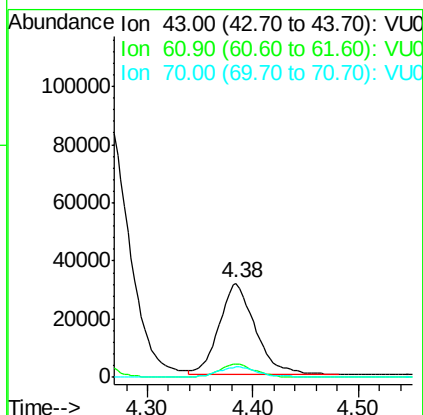
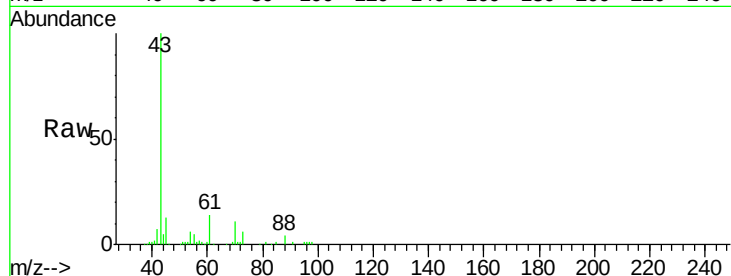




#37
Ethyl Acetate
Concen: 19.534 ug/l
RT: 4.38 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

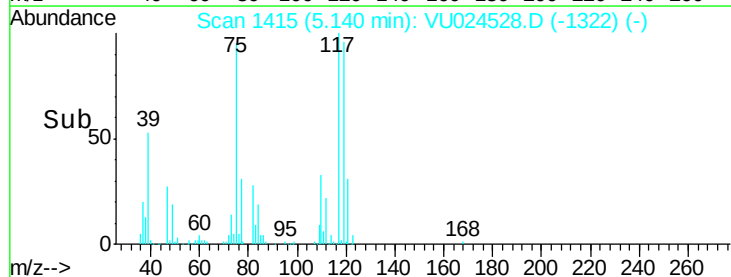
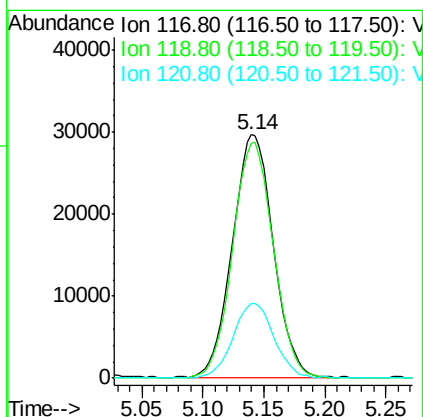
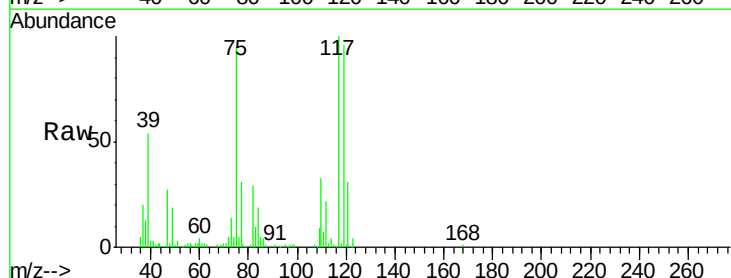
Instrument :
MSVOA_U
ClientSampleId :

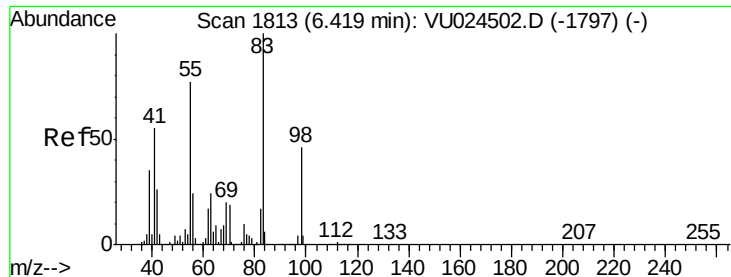
Tot Ion: 43 Resp: 74820
Ion Ratio Lower Upper
43 100
61 14.8 10.5 15.7
70 10.8 7.4 11.2



#38
Carbon Tetrachloride
Concen: 17.717 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Tgt Ion: 117 Resp: 68465
Ion Ratio Lower Upper
117 100
119 96.6 76.1 114.1
121 30.7 23.7 35.5

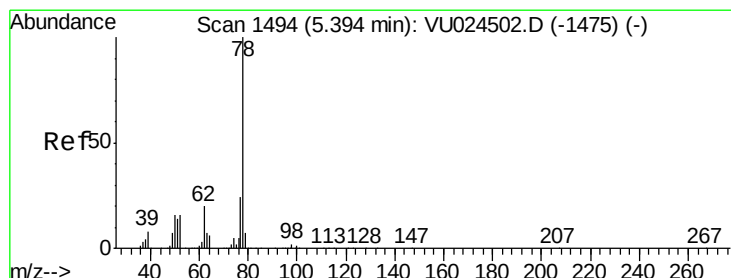
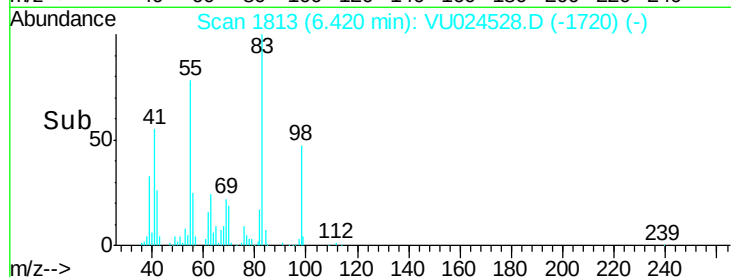
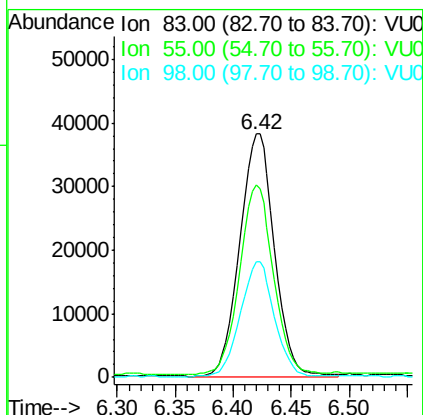
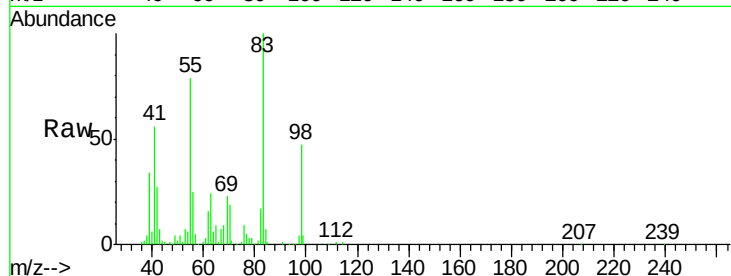




#39
Methylvlcyclohexane
Concen: 18.038 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

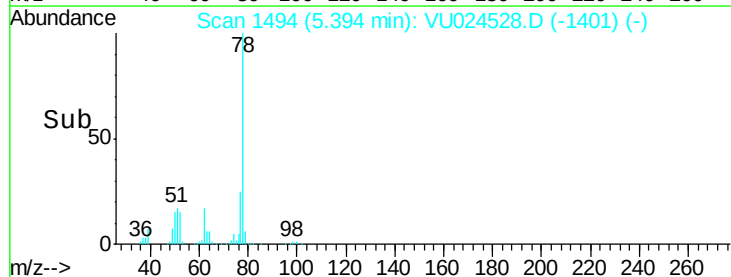
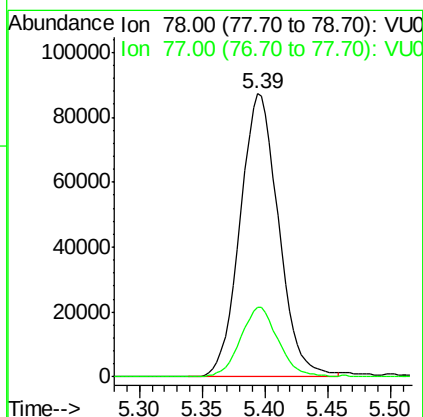
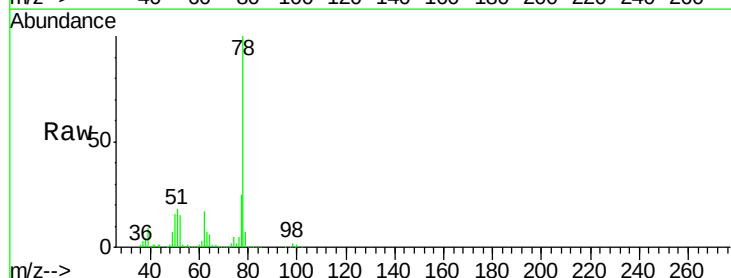
Instrument :
MSVOA_U
ClientSampleId :

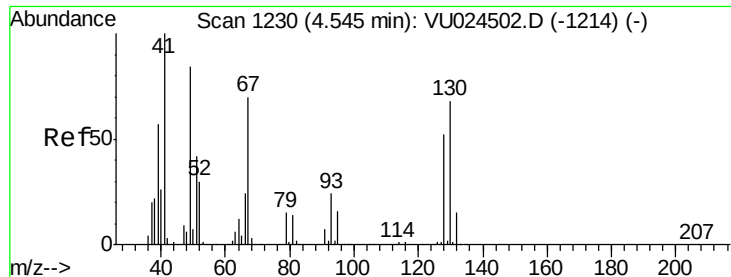
Tot Ion: 83 Resp: 79103
Ion Ratio Lower Upper
83 100
55 78.1 65.8 98.6
98 47.1 36.7 55.1



#40
Benzene
Concen: 18.649 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Tgt Ion: 78 Resp: 186739
Ion Ratio Lower Upper
78 100
77 24.8 19.2 28.8

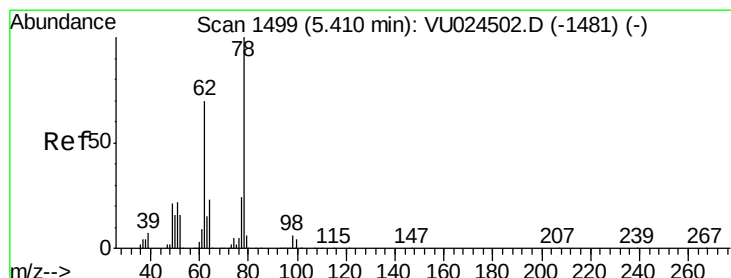
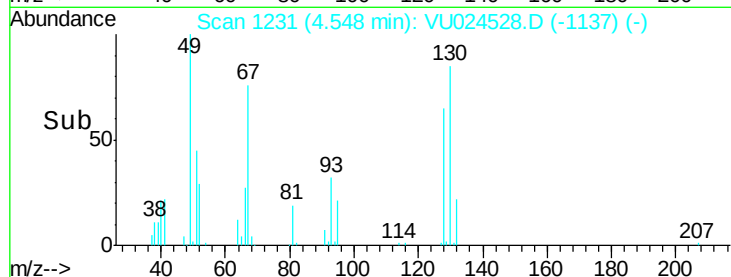
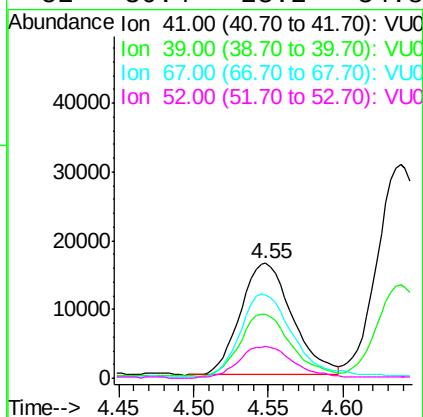
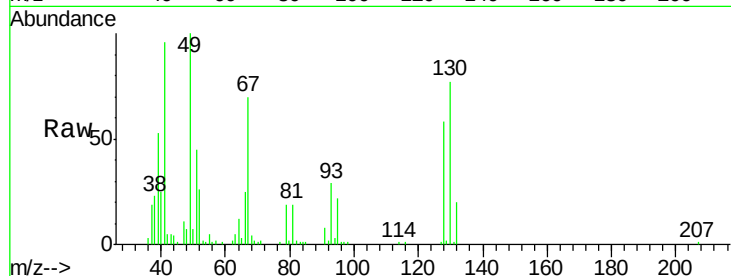




#41
Methacrylonitrile
Concen: 19.075 ug/l
RT: 4.55 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

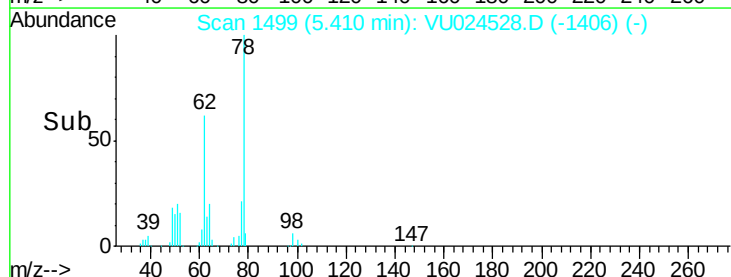
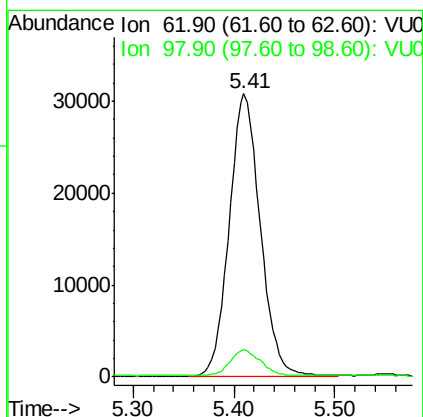
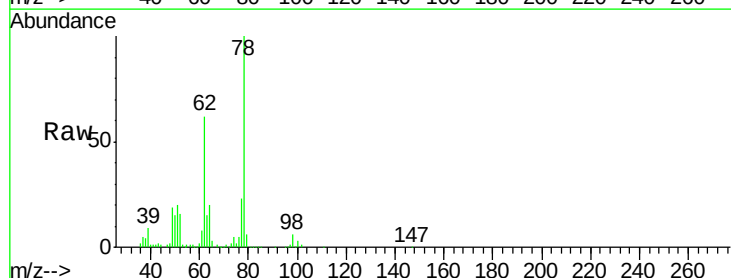
Instrument :
MSVOA_U
ClientSampleId :

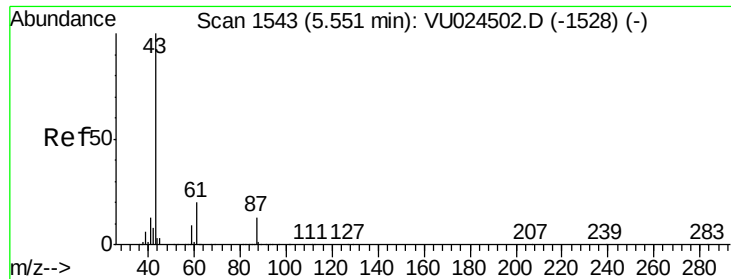
Tot Ion:	41	Resp:	39391
Ion	Ratio	Lower	Upper
41	100		
39	54.9	43.8	65.6
67	76.5	56.3	84.5
52	30.4	23.2	34.8



#42
1,2-Dichloroethane
Concen: 17.424 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Tgt Ion:	62	Resp:	66450
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.6





#43

Isopropyl Acetate

Concen: 18.165 ug/l

RT: 5.55 min Scan# 1543

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

ClientSampleId :

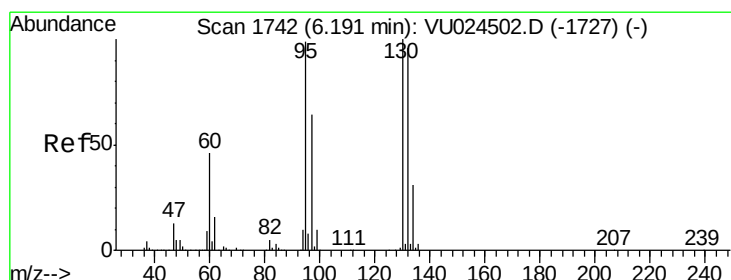
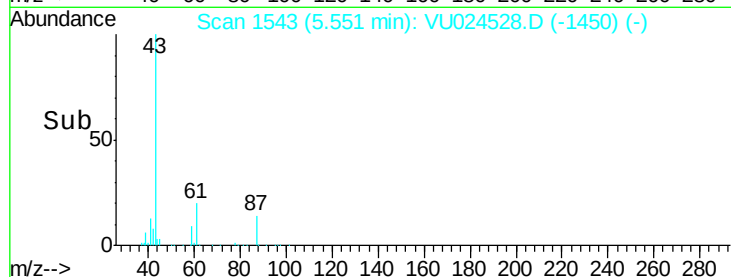
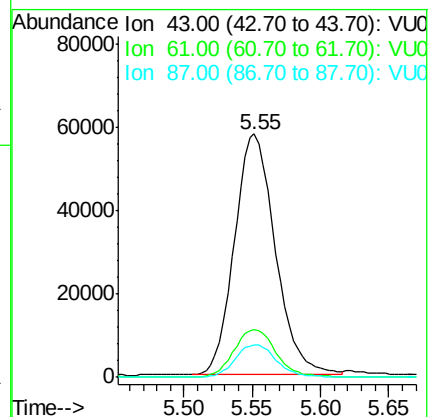
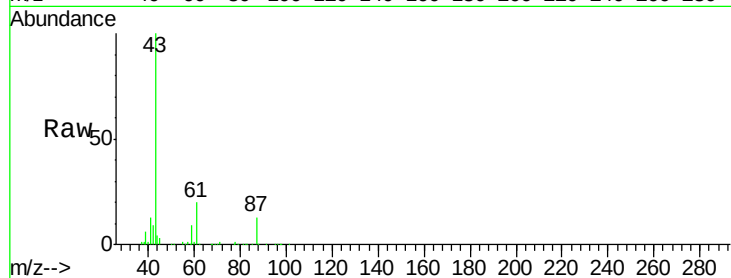
Tot Ion: 43 Resp: 120268

Ion Ratio Lower Upper

43 100

61 20.6 15.4 23.0

87 13.7 10.0 15.0



#44

Trichloroethene

Concen: 18.063 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024528.D

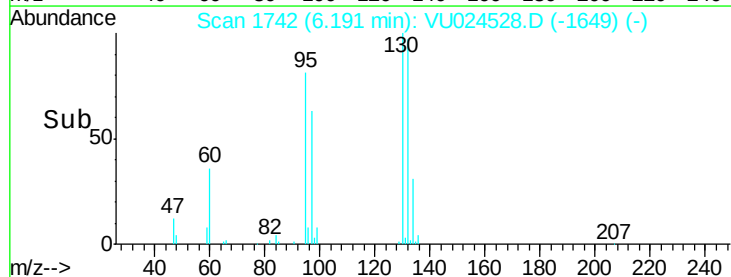
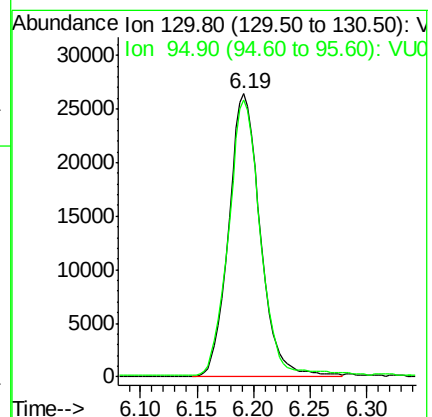
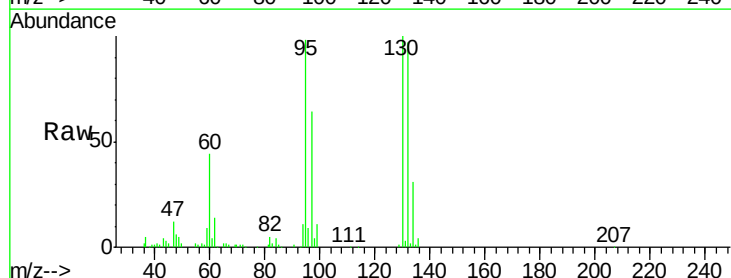
Acq: 14 Jun 2018 10:43

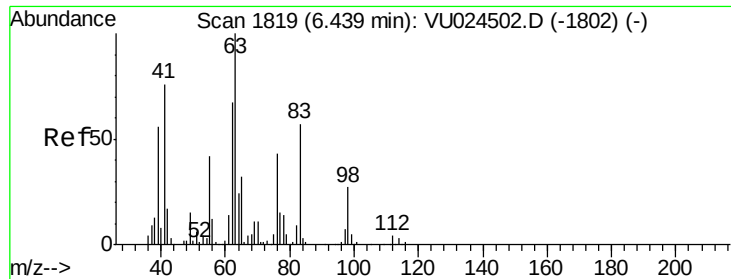
Tgt Ion: 130 Resp: 51477

Ion Ratio Lower Upper

130 100

95 97.3 0.0 202.4





#45

1,2-Dichloropropane

Concen: 19.167 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

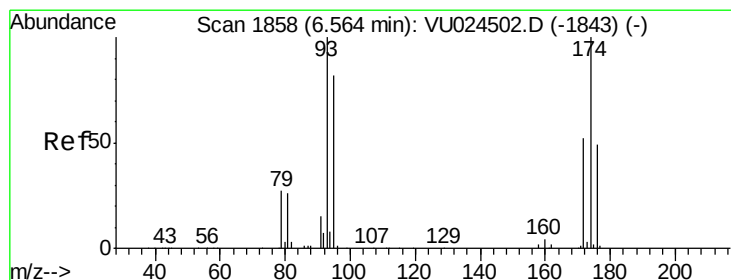
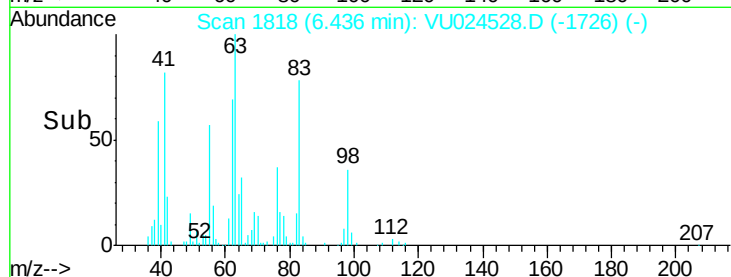
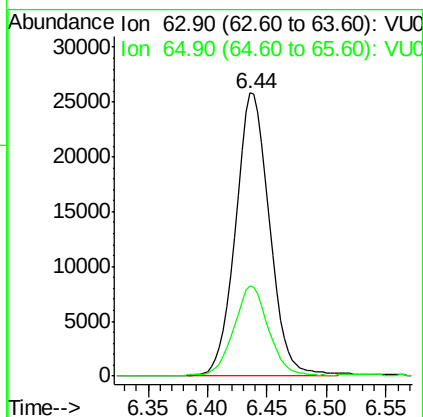
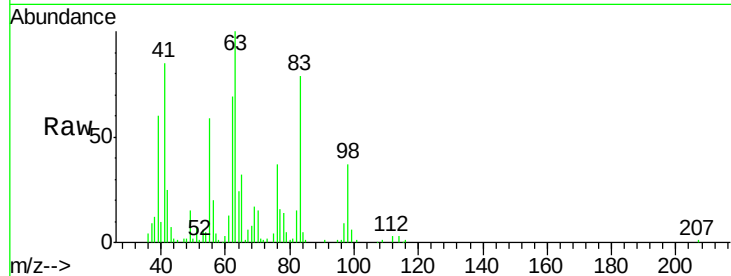
ClientSampleId :

Tot Ion: 63 Resp: 51211

Ion Ratio Lower Upper

63 100

65 31.5 24.8 37.2



#46

Dibromomethane

Concen: 18.996 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

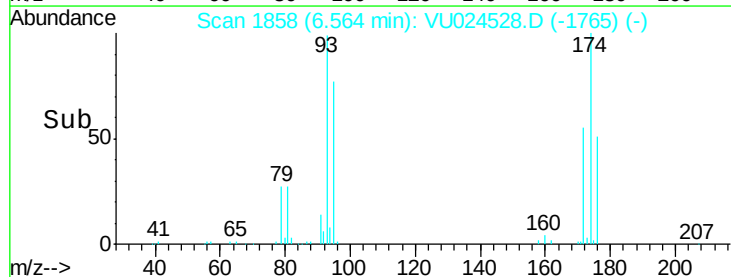
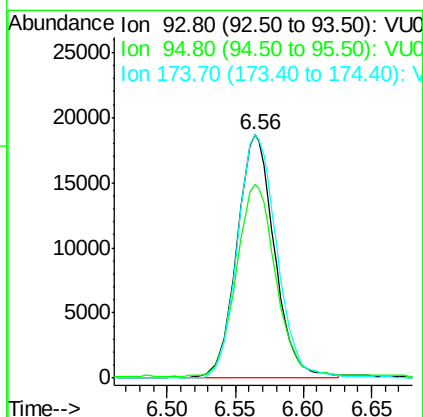
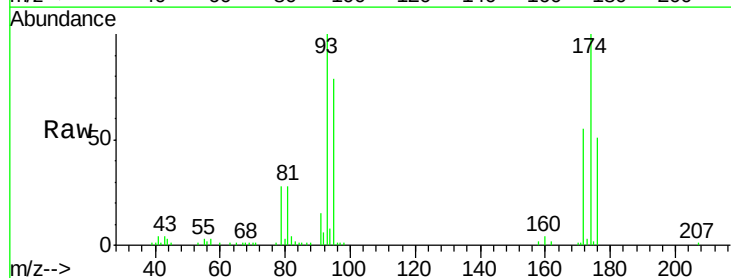
Tgt Ion: 93 Resp: 35651

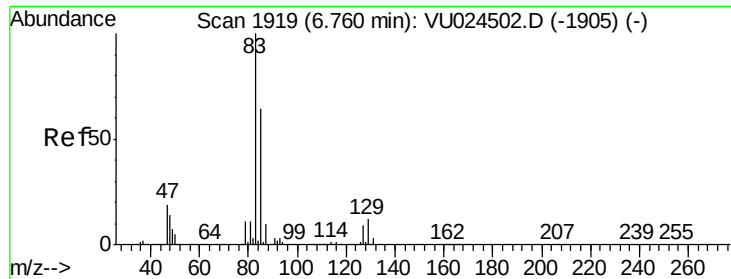
Ion Ratio Lower Upper

93 100

95 82.8 65.5 98.3

174 104.4 78.7 118.1





#47

Bromodichloromethane

Concen: 18.427 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :
MSVOA_U
ClientSampleId :

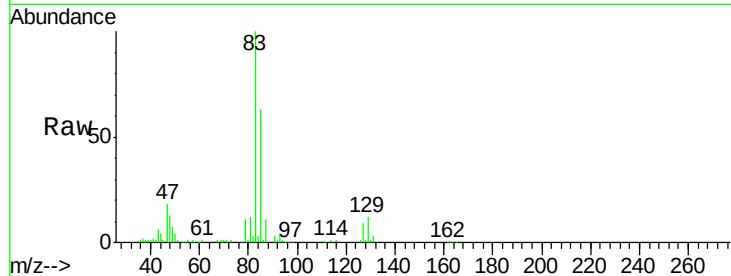
Tot Ion: 83 Resp: 68864

Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.9	77.9
127	8.6	6.6	9.8

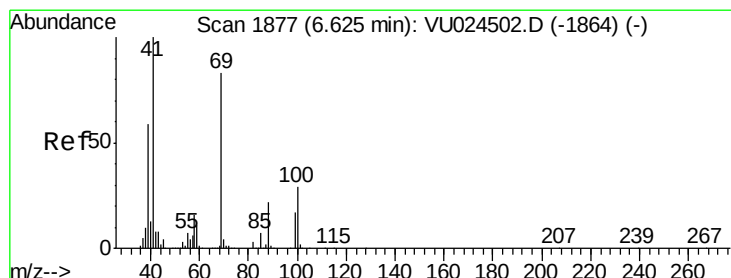
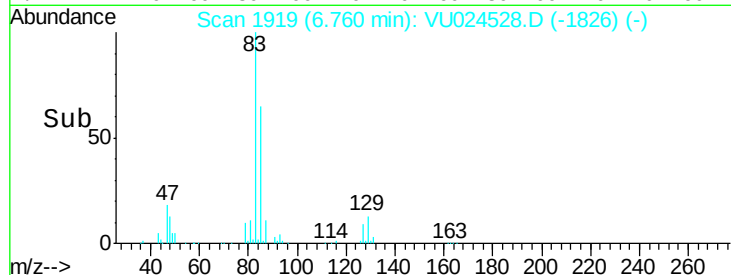
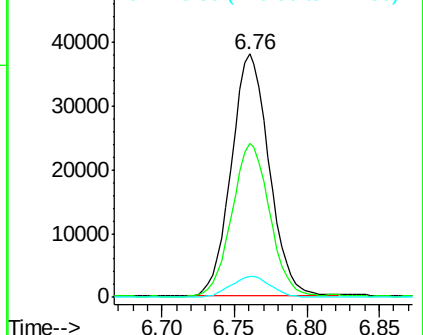
83 100

85 63.0 51.9 77.9

127 8.6 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: 18.188 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

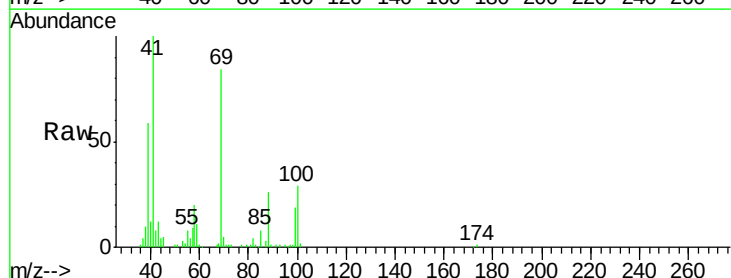
Tgt Ion: 41 Resp: 58637

Ion	Ratio	Lower	Upper
41	100		
69	87.5	67.3	100.9
39	59.8	46.5	69.7

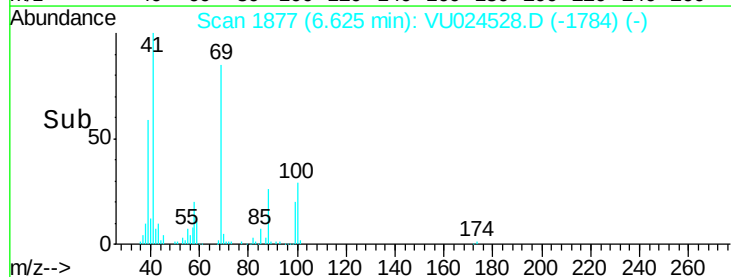
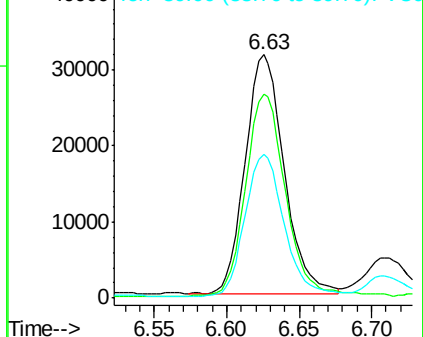
41 100

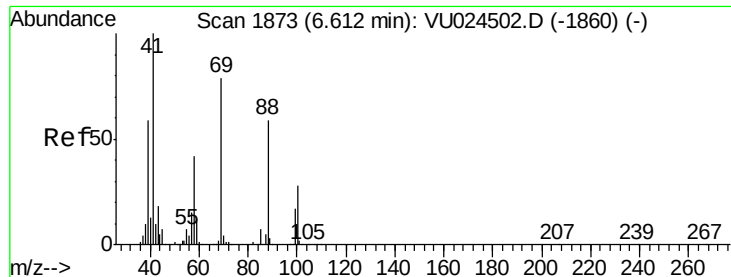
69 87.5 67.3 100.9

39 59.8 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: 386.077 ug/l

RT: 6.61 min Scan# 1873

Delta R.T. 0.00 min

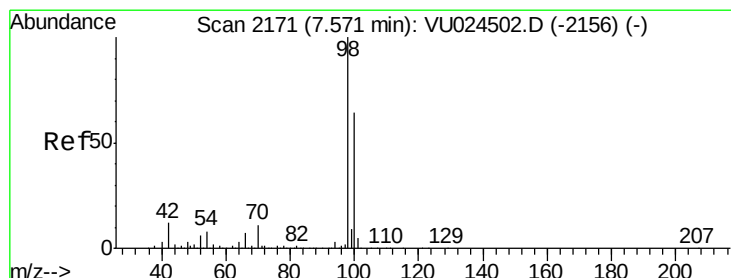
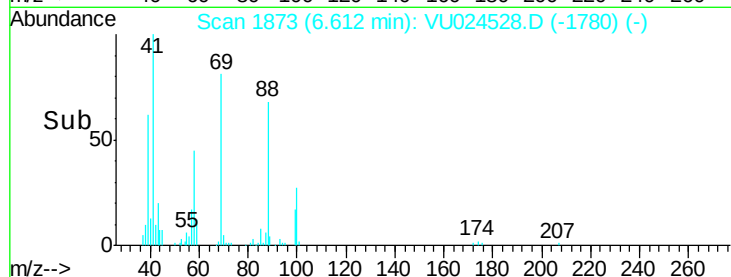
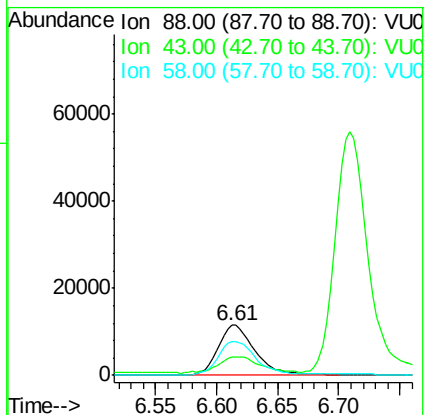
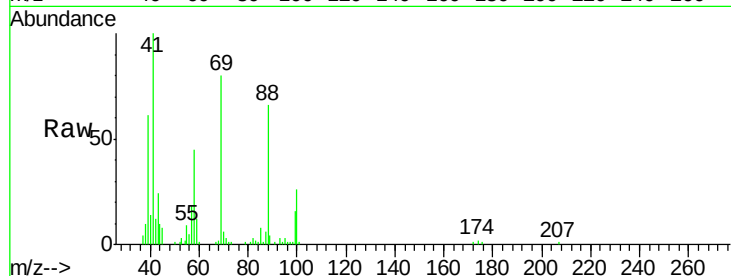
Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 88 Resp: 24341

Ion	Ratio	Lower	Upper
88	100		
43	36.7	28.6	42.8
58	70.6	58.2	87.4



#50

Toluene-d8

Concen: 48.260 ug/l

RT: 7.57 min Scan# 2170

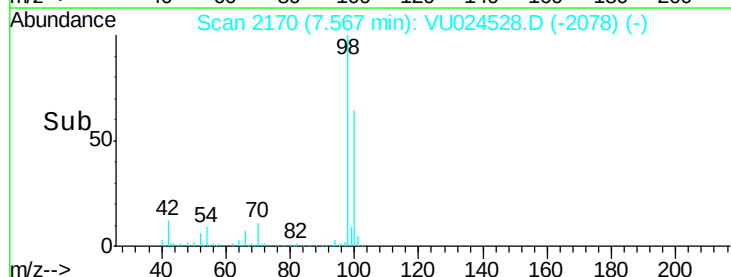
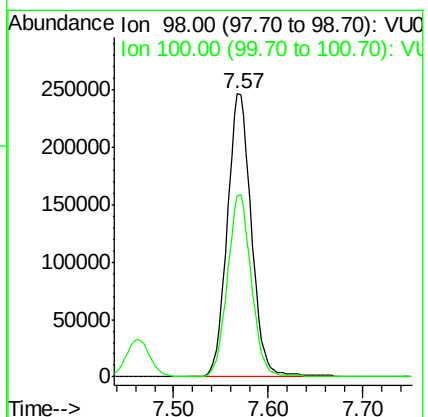
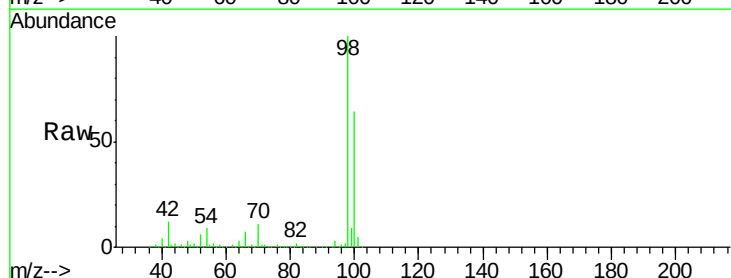
Delta R.T. -0.00 min

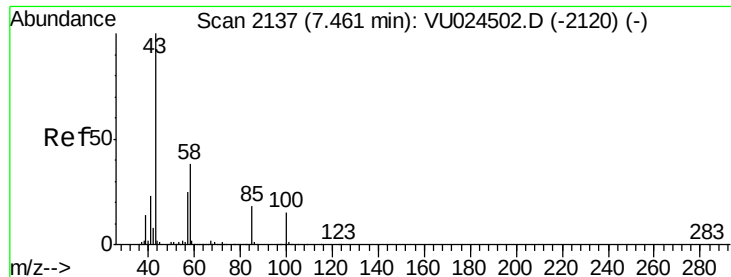
Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Tgt Ion: 98 Resp: 436904

Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 94.449 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

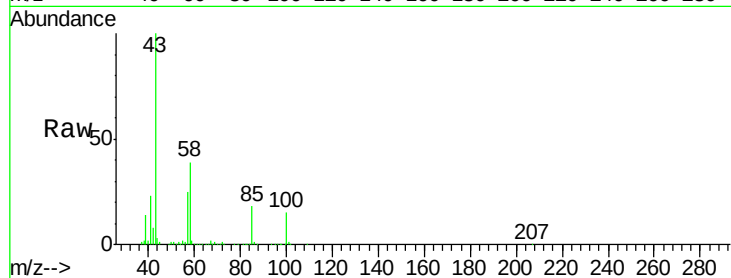
ClientSampled :

Tot Ion: 43 Resp: 392857

Ion Ratio Lower Upper

43 100

58 38.7 30.0 45.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

7.46

200000

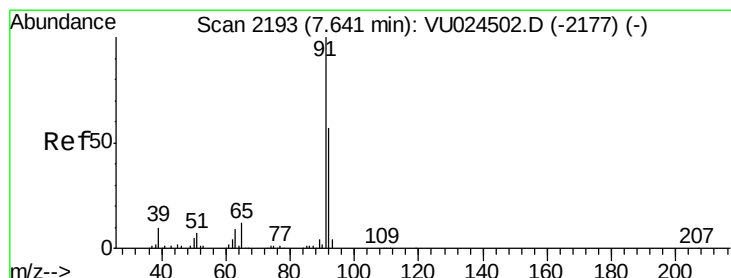
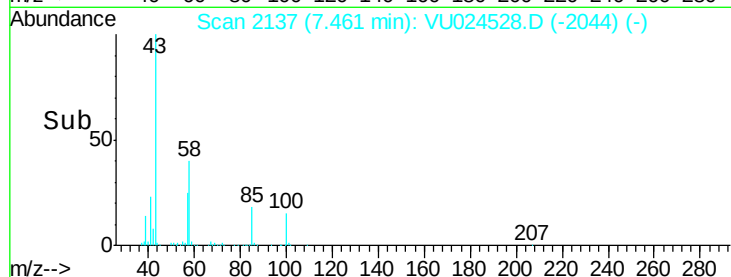
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.240 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU024528.D

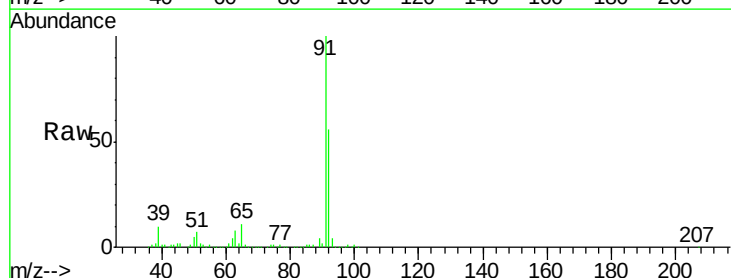
Acq: 14 Jun 2018 10:43

Tgt Ion: 92 Resp: 117508

Ion Ratio Lower Upper

92 100

91 176.8 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

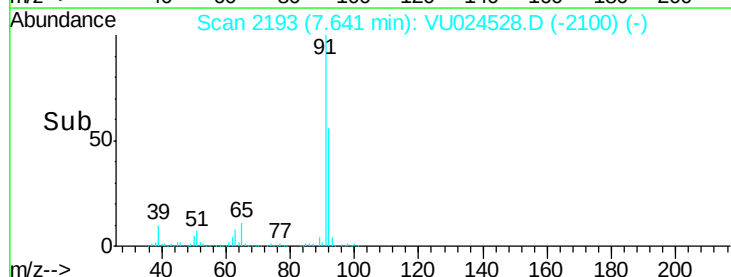
7.64

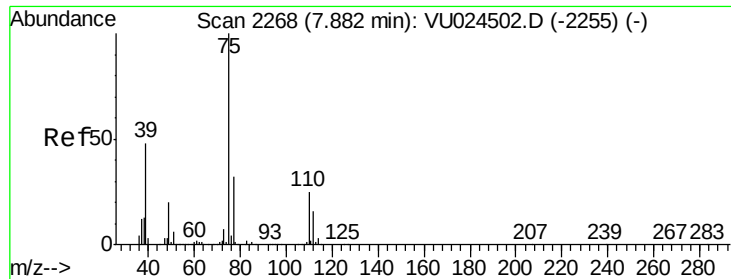
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.344 ug/l

RT: 7.89 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

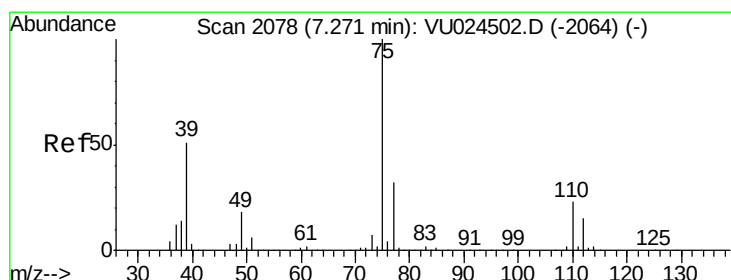
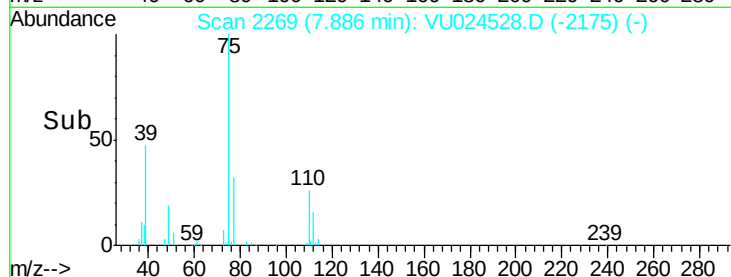
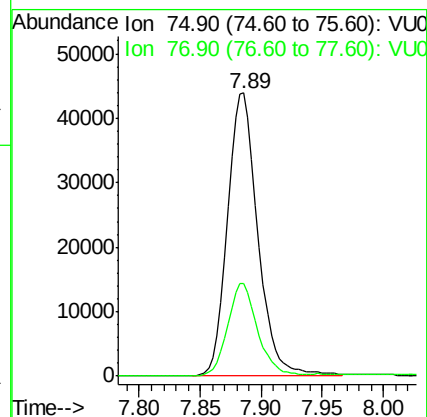
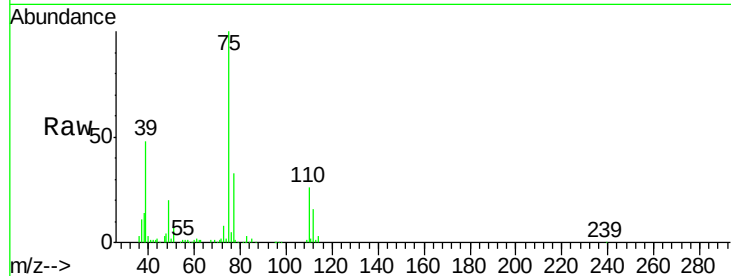
ClientSampled :

Tot Ion: 75 Resp: 76987

Ion Ratio Lower Upper

75 100

77 32.9 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 18.120 ug/l

RT: 7.27 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

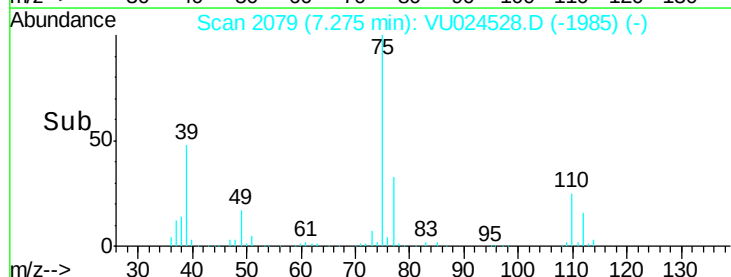
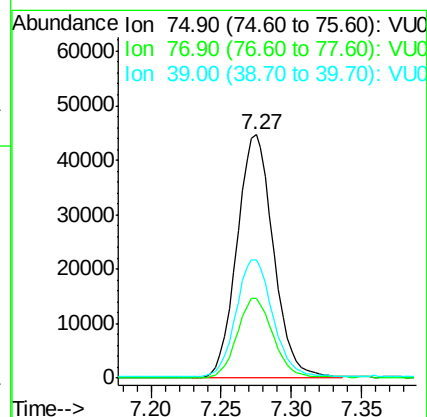
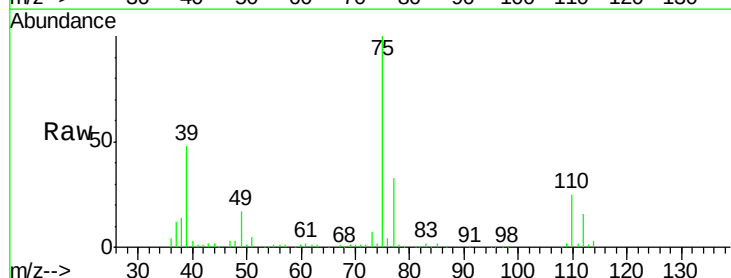
Tgt Ion: 75 Resp: 81031

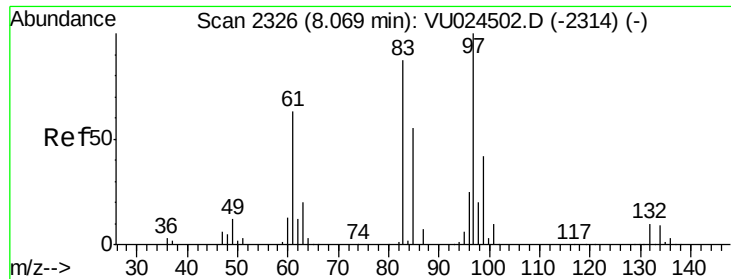
Ion Ratio Lower Upper

75 100

77 32.6 24.6 36.8

39 47.8 39.8 59.6

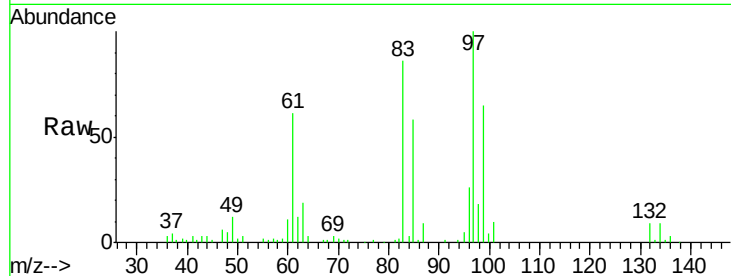




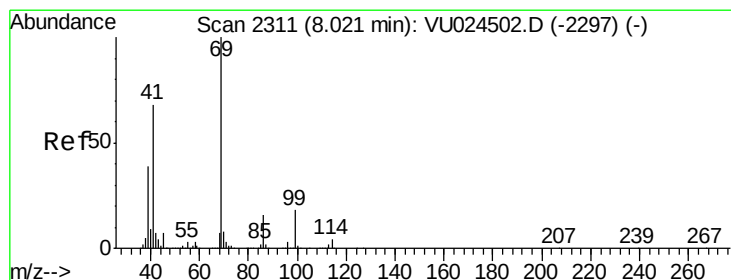
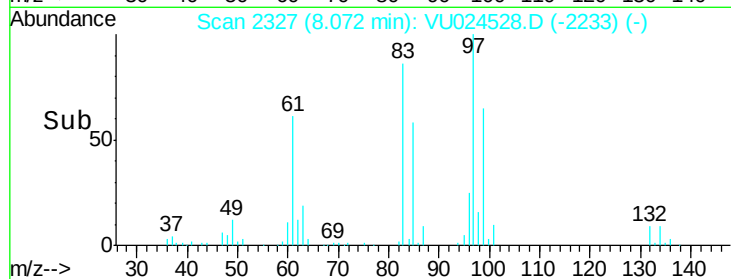
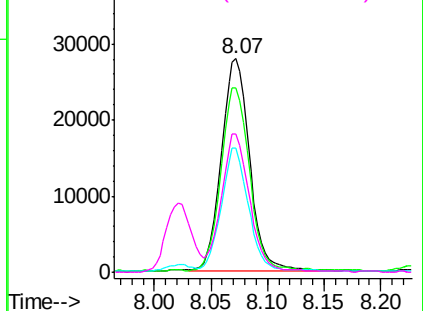
#55
 1,1,2-Trichloroethane
 Concen: 18.443 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:	97	Resp:	48298
Ion	Ratio	Lower	Upper
97	100		
83	86.3	70.5	105.7
85	57.6	46.4	69.6
99	64.6	50.2	75.2

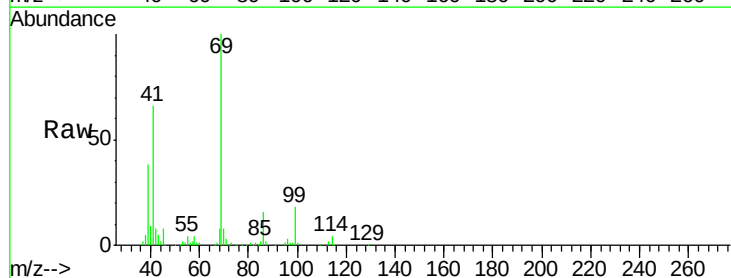


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

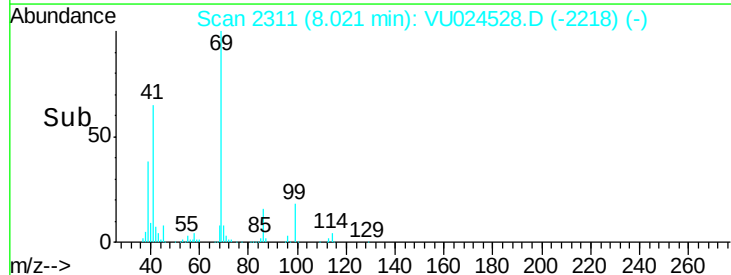
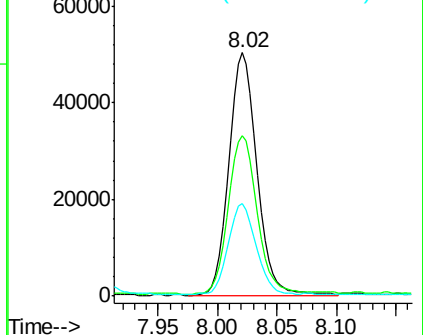


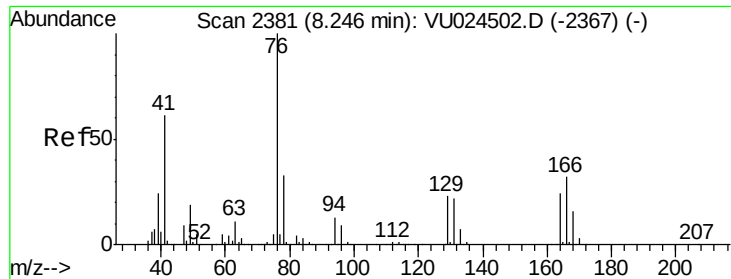
#56
 Ethyl methacrylate
 Concen: 18.633 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

Tgt Ion:	69	Resp:	81670
Ion	Ratio	Lower	Upper
69	100		
41	67.6	54.1	81.1
39	37.5	30.3	45.5



Abundance Ion 69.00 (68.70 to 69.70): VU0
 Ion 41.00 (40.70 to 41.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0

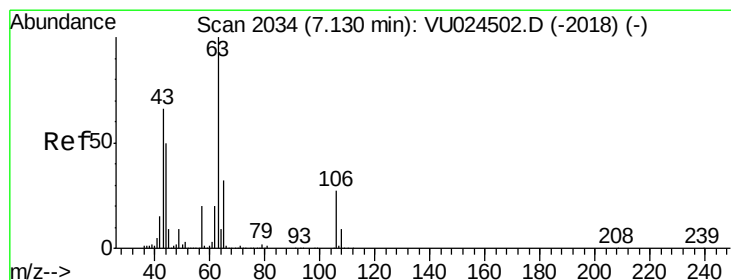
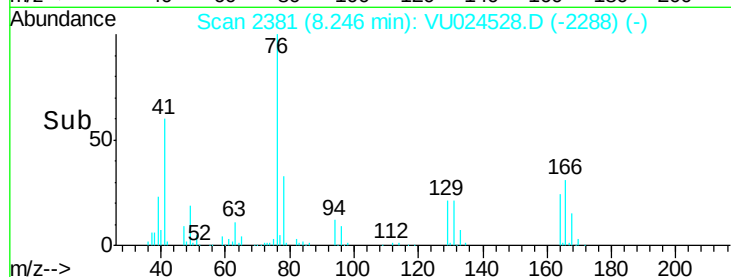
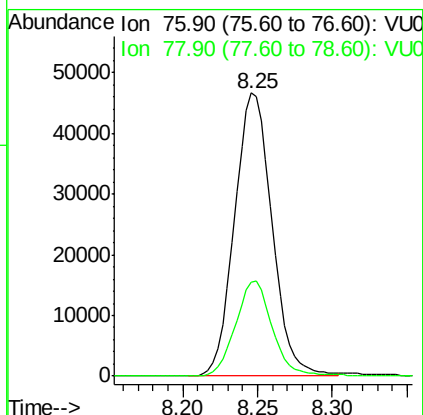
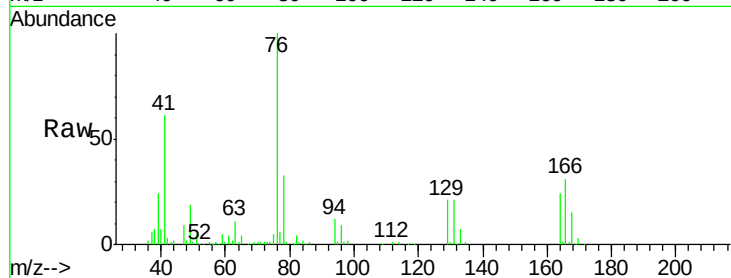




#57
 1,3-Dichloropropane
 Concen: 18.495 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

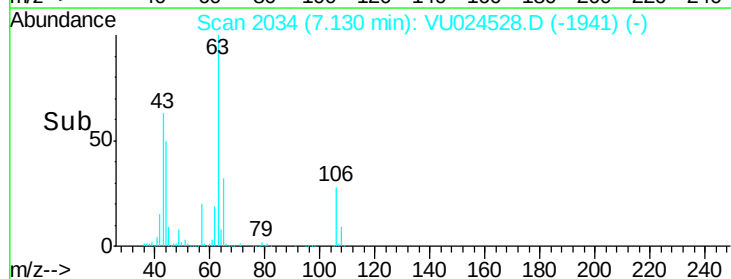
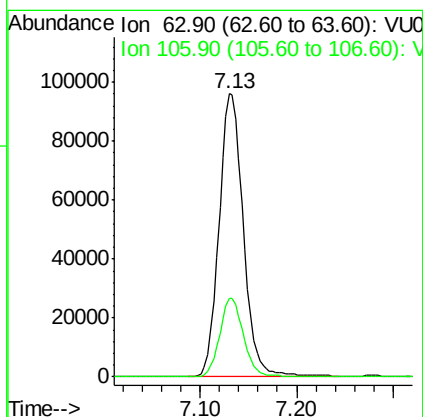
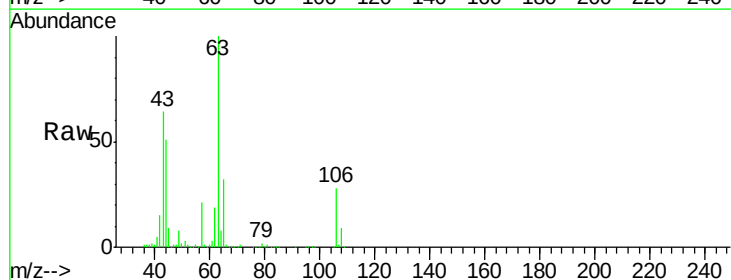
Instrument :
 MSVOA_U
 ClientSampleId :

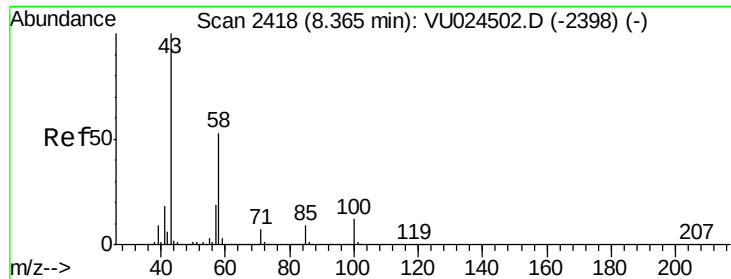
Tot Ion: 76 Resp: 81705
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.886 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

Tgt Ion: 63 Resp: 167727
 Ion Ratio Lower Upper
 63 100
 106 27.1 20.2 30.2

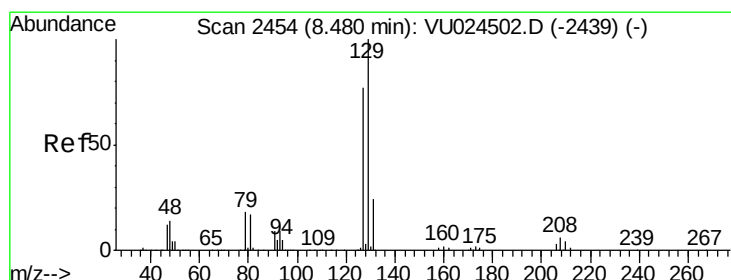
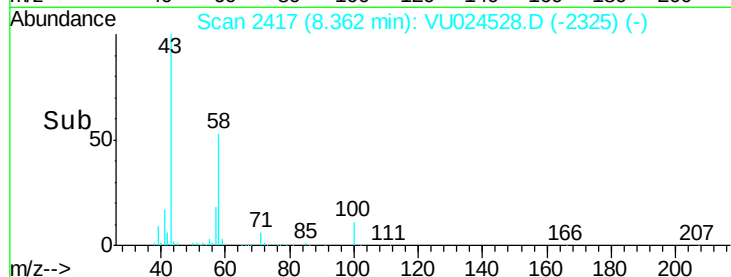
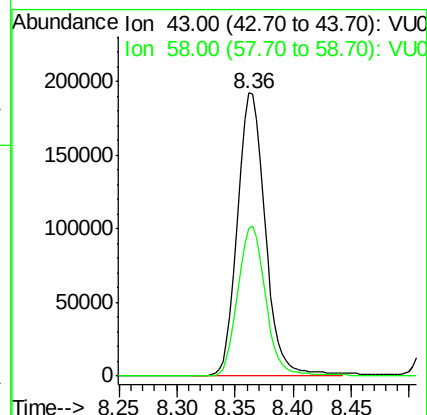
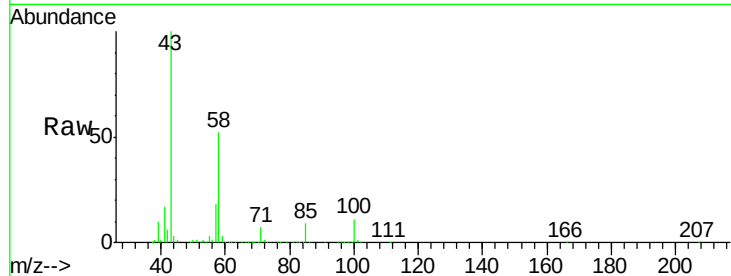




#59
2-Hexanone
Concen: 93.112 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

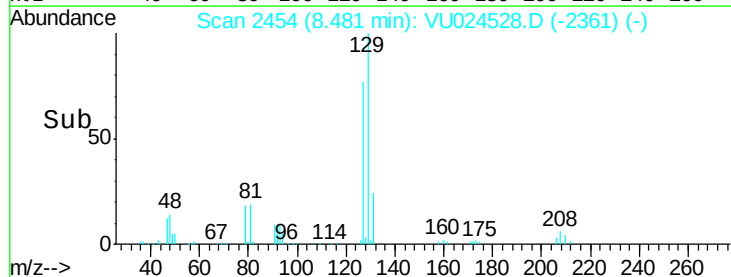
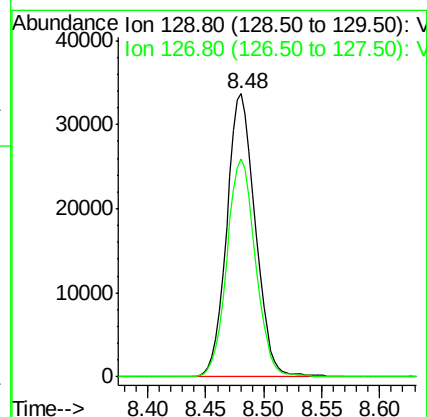
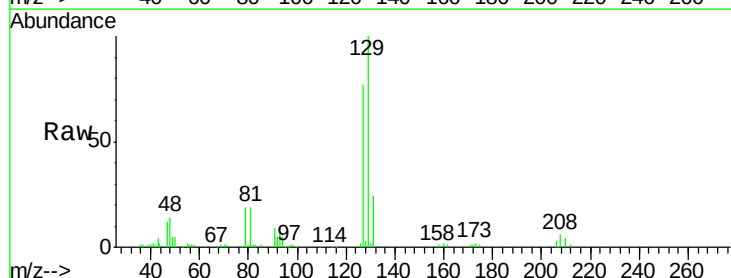
Instrument :
MSVOA_U
ClientSampled :

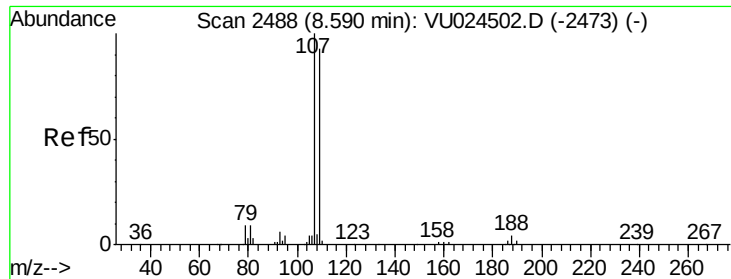
Tot Ion: 43 Resp: 316189
Ion Ratio Lower Upper
43 100
58 53.7 26.4 79.0



#60
Dibromochloromethane
Concen: 17.688 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Tgt Ion: 129 Resp: 57762
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





#61

1,2-Dibromoethane

Concen: 18.707 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

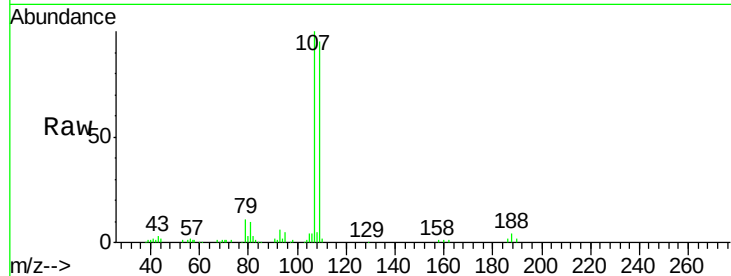
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:107 Resp: 54525

Ion Ratio Lower Upper

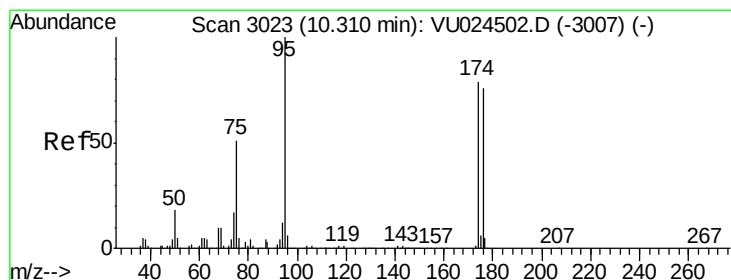
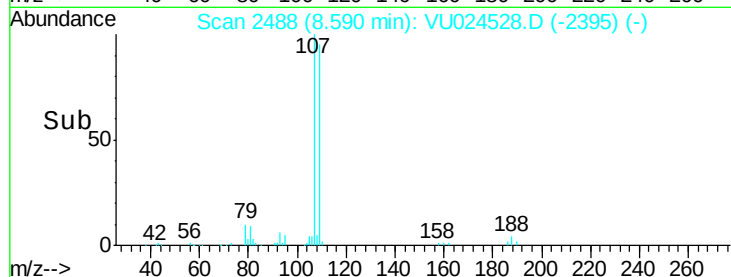
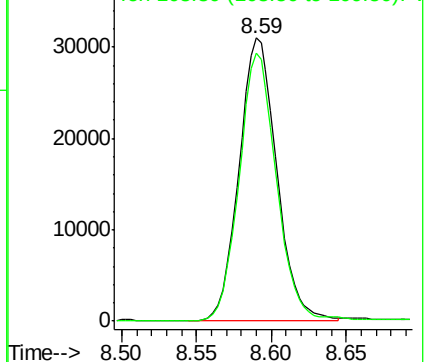
107 100

109 92.8 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: 46.933 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

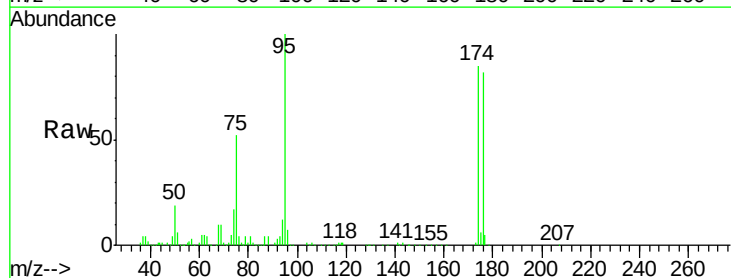
Tgt Ion: 95 Resp: 168700

Ion Ratio Lower Upper

95 100

174 83.5 0.0 165.8

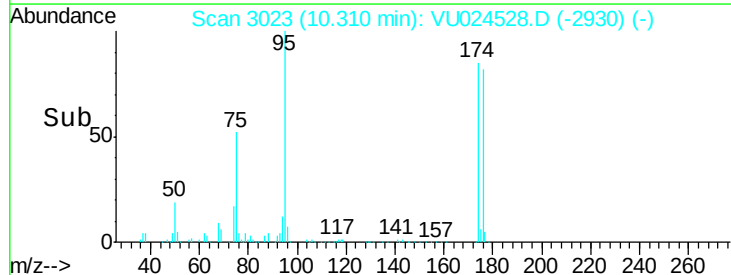
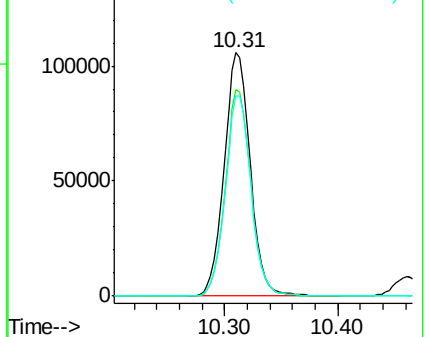
176 81.6 0.0 159.4

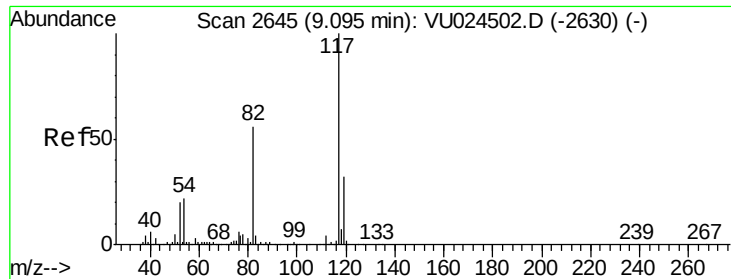


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

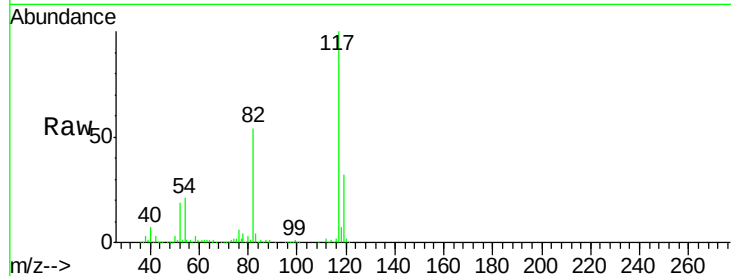




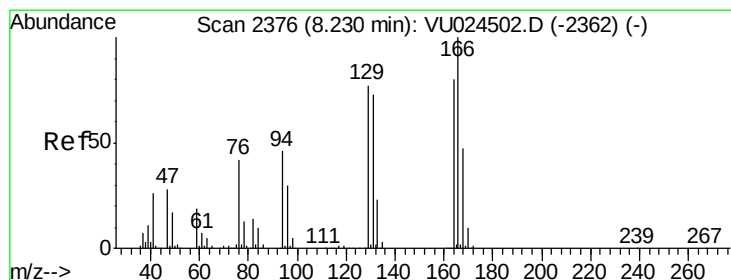
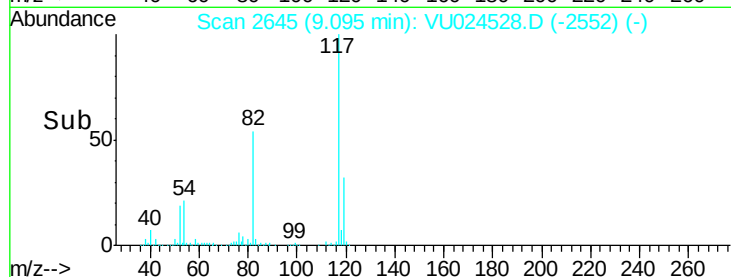
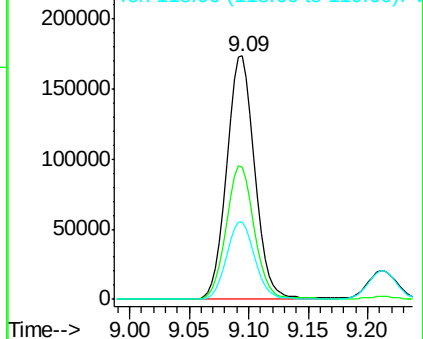
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:117 Resp: 284501
Ion Ratio Lower Upper
117 100
82 54.2 44.3 66.5
119 31.8 25.4 38.2

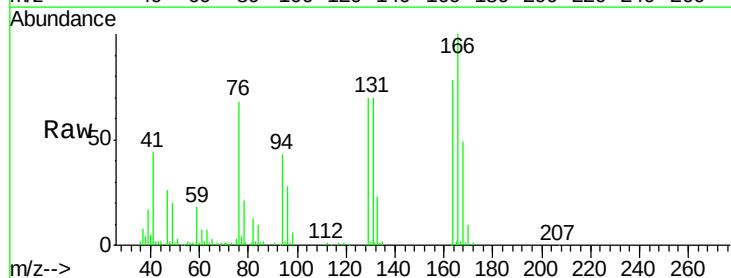


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

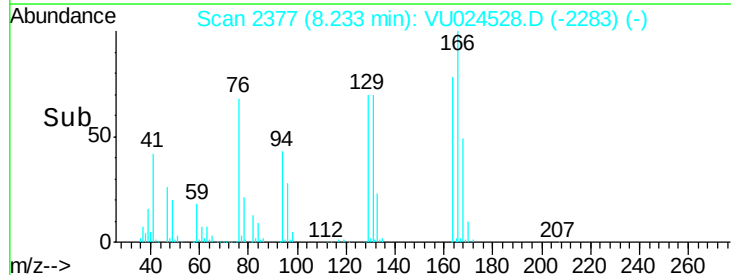
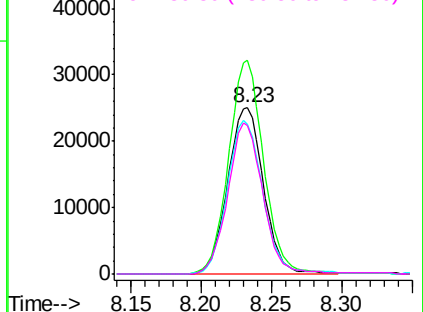


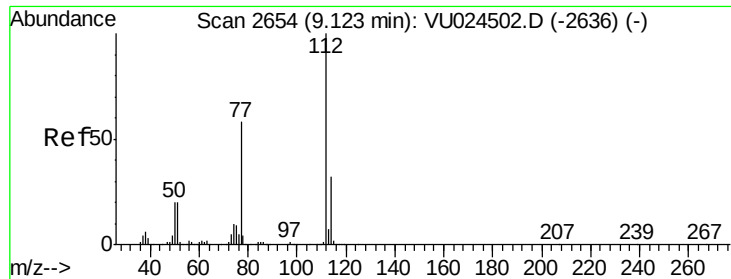
#64
Tetrachloroethene
Concen: 16.399 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Tgt Ion:164 Resp: 44348
Ion Ratio Lower Upper
164 100
166 128.5 101.7 152.5
129 89.8 76.9 115.3
131 89.6 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

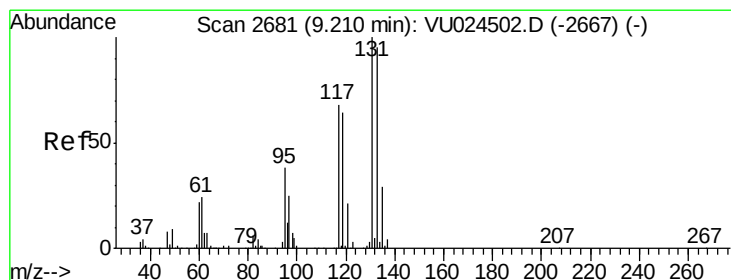
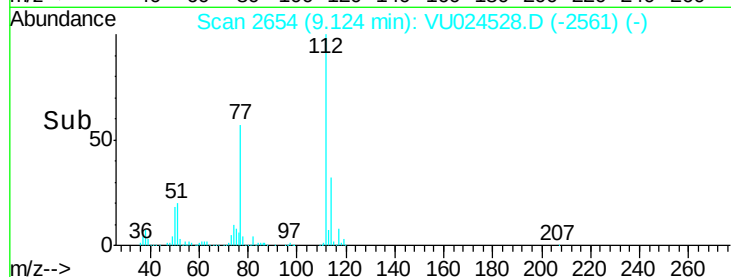
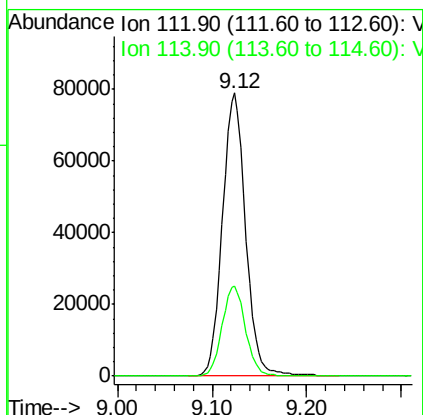
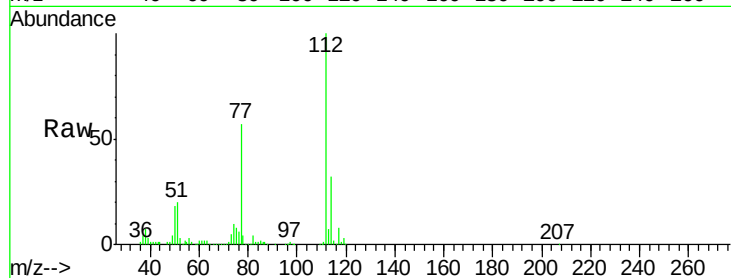




#65
Chlorobenzene
Concen: 18.562 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

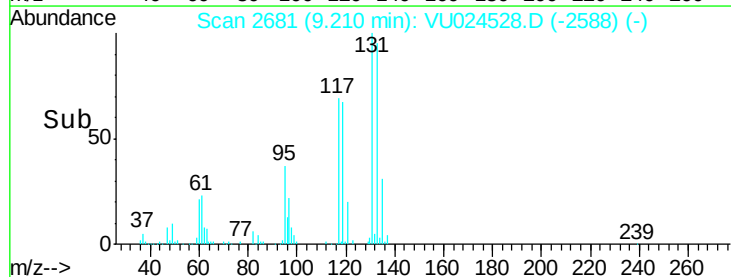
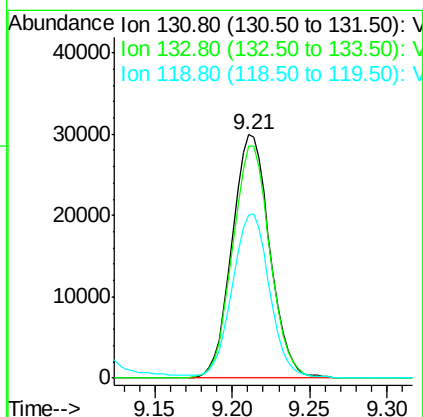
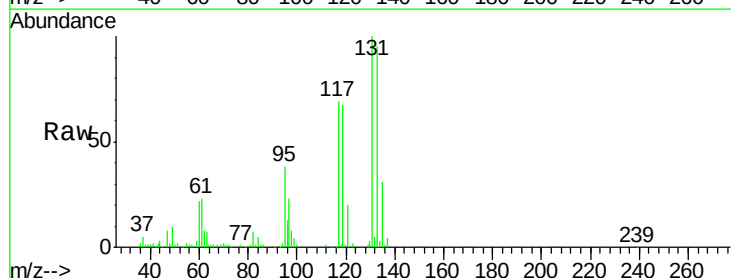
Instrument :
MSVOA_U
ClientSampleId :

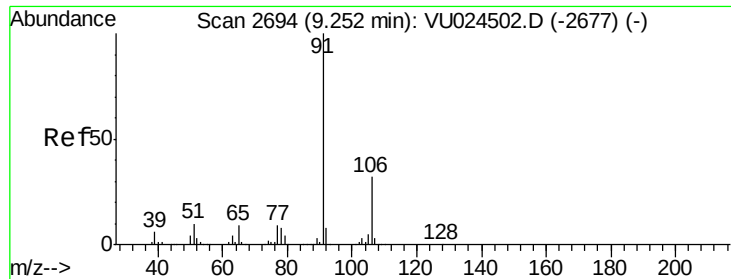
Tot Ion:112 Resp: 134907
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.321 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Tgt Ion:131 Resp: 50589
Ion Ratio Lower Upper
131 100
133 95.1 46.9 140.8
119 67.3 33.5 100.4





#67

Ethyl Benzene

Concen: 18.482 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

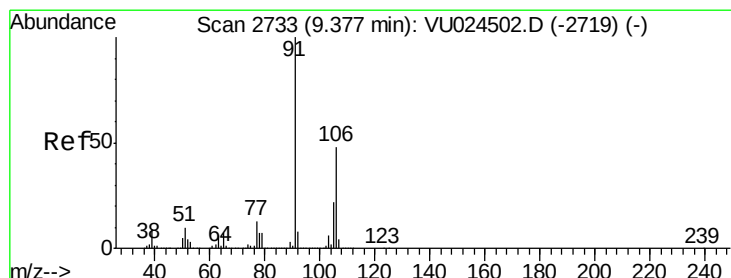
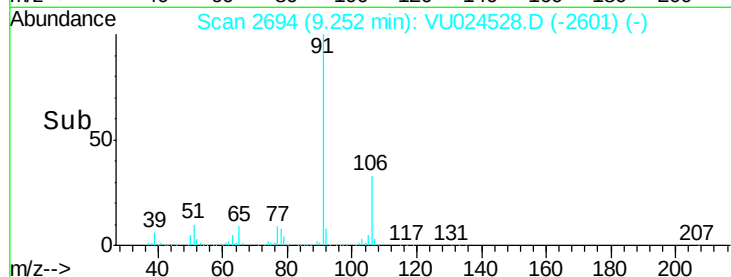
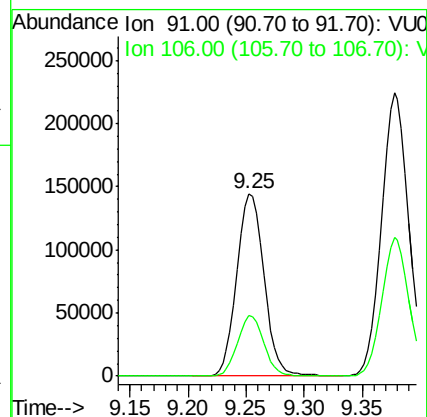
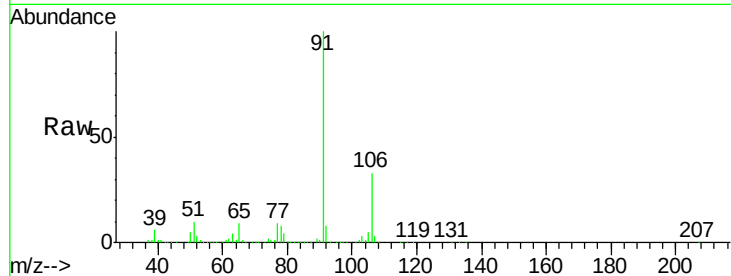
ClientSampled :

Tot Ion: 91 Resp: 235484

Ion Ratio Lower Upper

91 100

106 32.9 24.2 36.4



#68

m/p-Xylenes

Concen: 37.340 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU024528.D

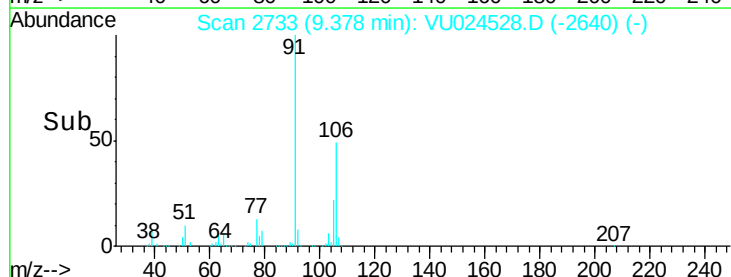
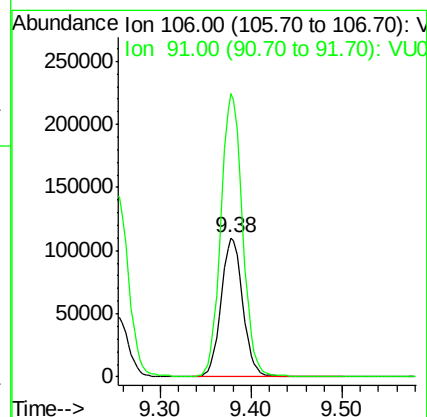
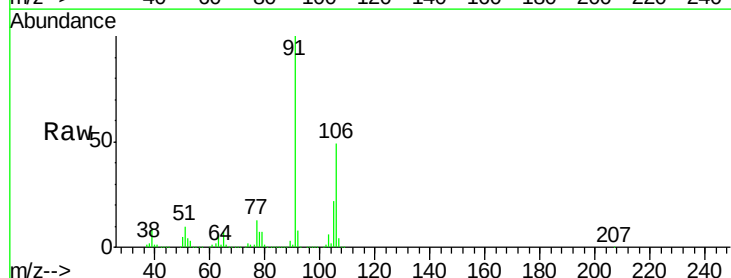
Acq: 14 Jun 2018 10:43

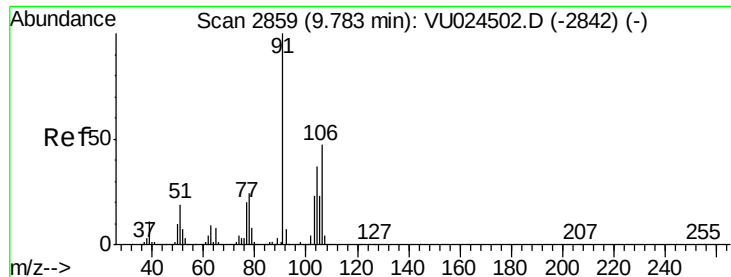
Tgt Ion: 106 Resp: 182694

Ion Ratio Lower Upper

106 100

91 203.4 166.5 249.7

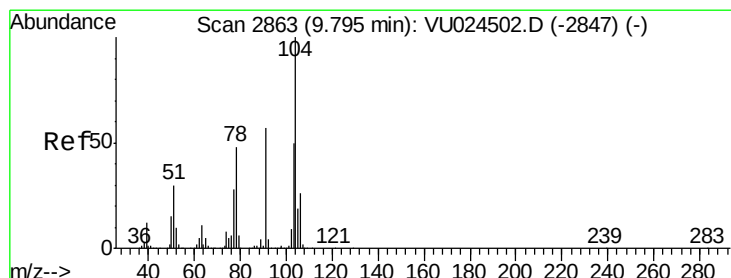
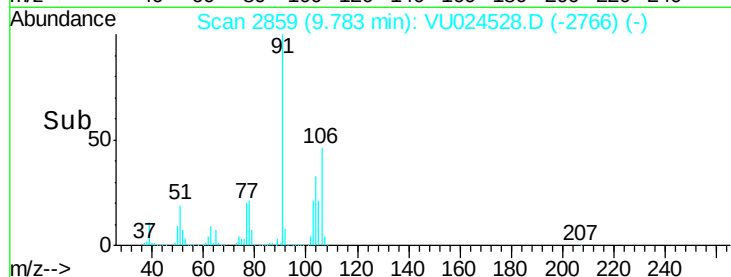
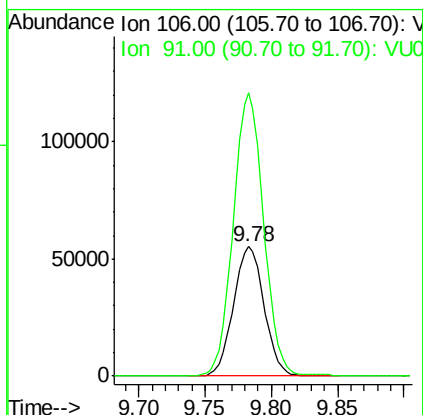
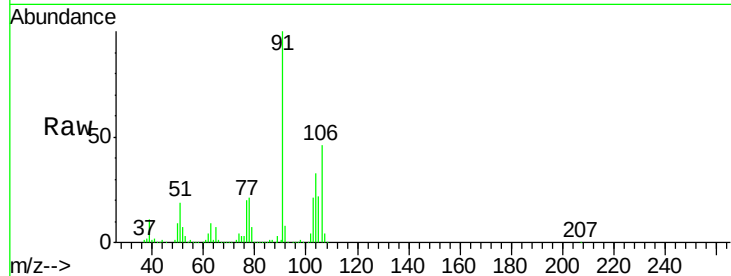




#69
o-Xylene
Concen: 18.416 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

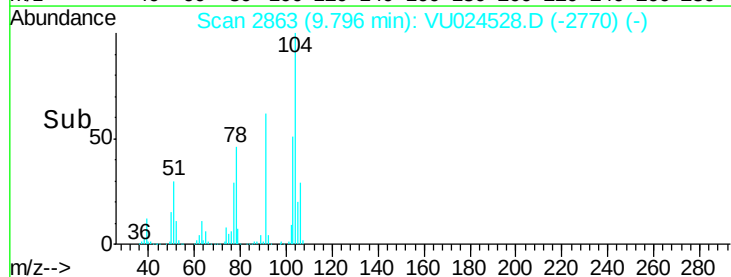
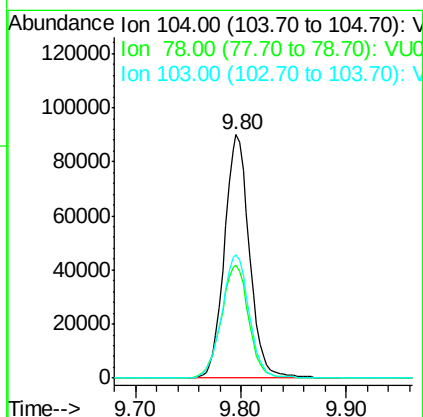
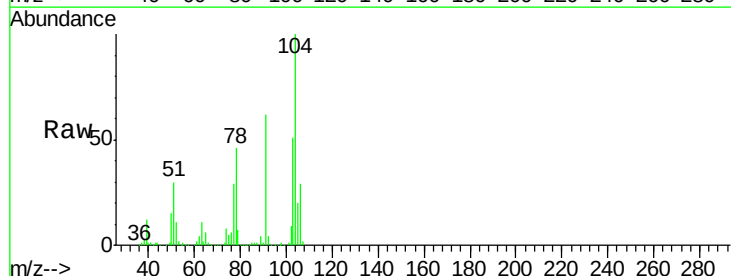
Instrument :
MSVOA_U
ClientSampled :

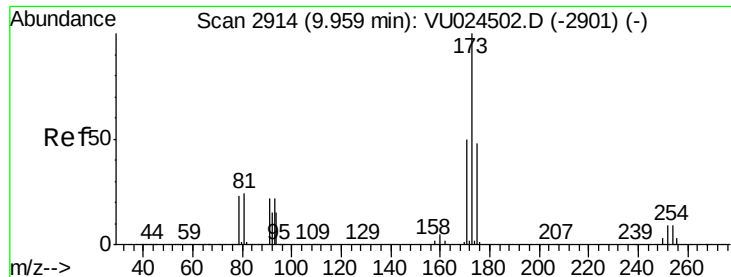
Tot Ion:106 Resp: 89171
Ion Ratio Lower Upper
106 100
91 215.0 110.7 331.9



#70
Styrene
Concen: 18.581 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Tgt Ion:104 Resp: 147854
Ion Ratio Lower Upper
104 100
78 51.1 40.6 60.8
103 55.0 44.7 67.1





#71

Bromoform

Concen: 18.343 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :
MSVOA_U
ClientSampleId :

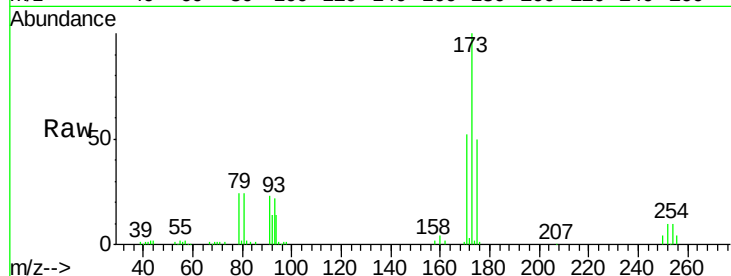
Tot Ion:173 Resp: 48142

Ion Ratio Lower Upper

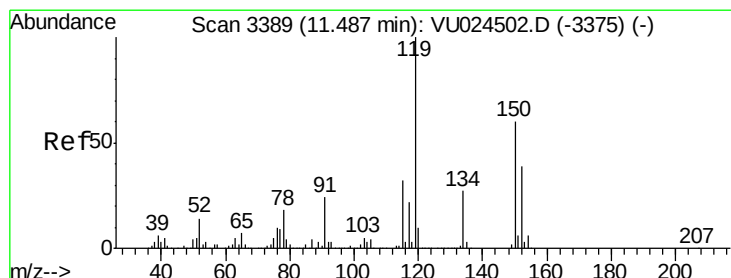
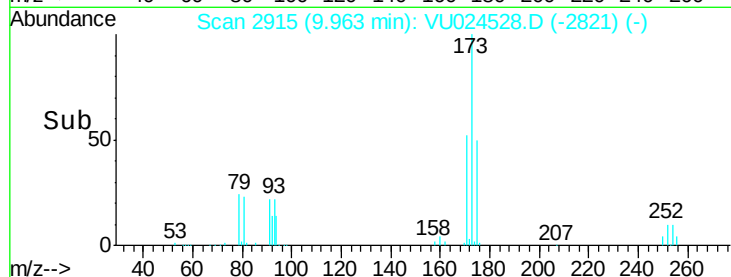
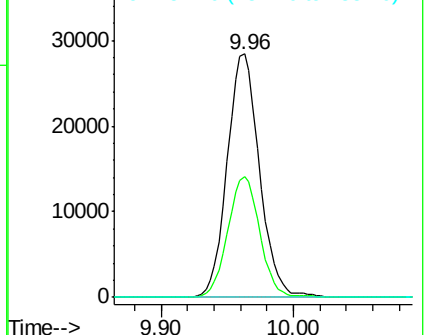
173 100

175 48.9 24.6 74.0

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

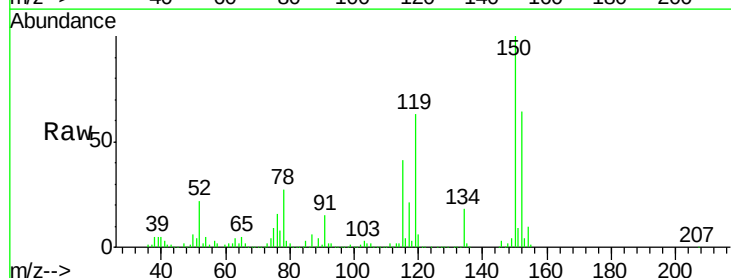
Tgt Ion:152 Resp: 165882

Ion Ratio Lower Upper

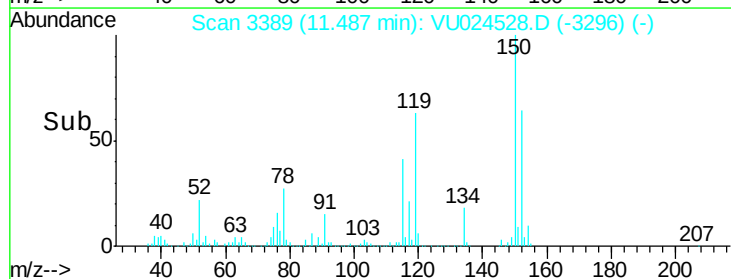
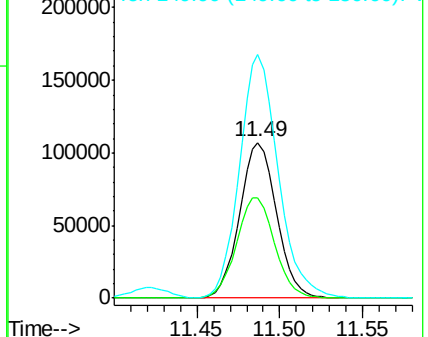
152 100

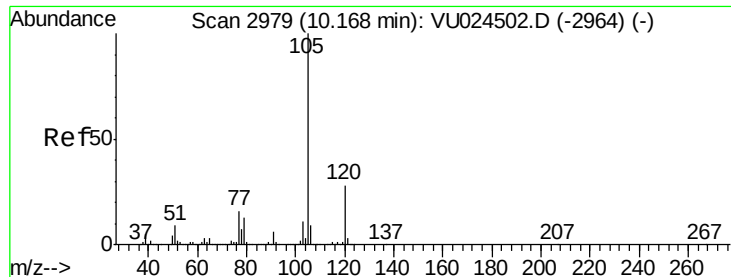
115 67.0 43.0 129.0

150 163.9 0.0 354.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.715 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

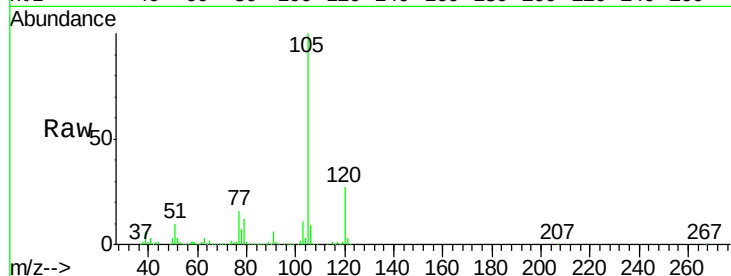
ClientSampleId :

Tot Ion:105 Resp: 238346

Ion Ratio Lower Upper

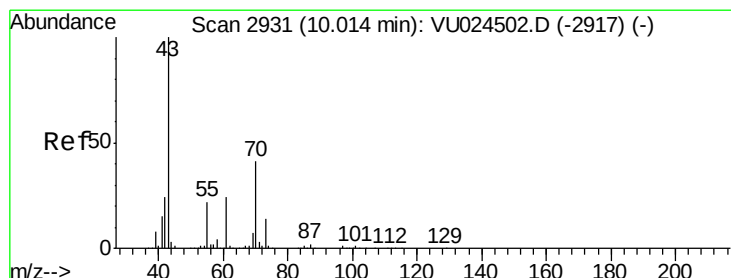
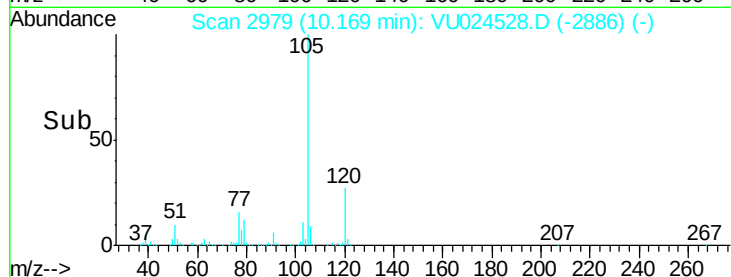
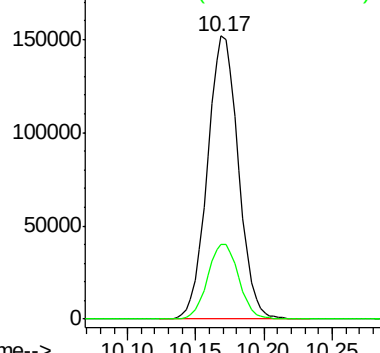
105 100

120 26.8 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: 18.614 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Tgt Ion: 43 Resp: 112761

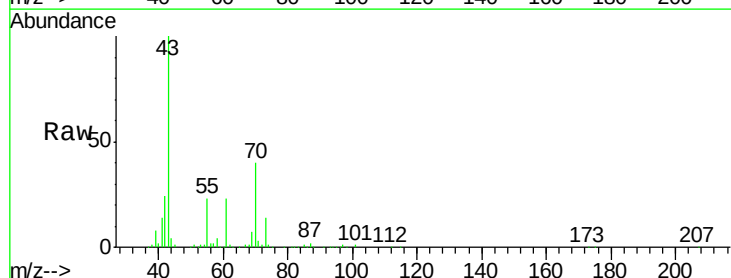
Ion Ratio Lower Upper

43 100

70 40.0 32.2 48.4

55 22.7 20.5 30.7

61 24.2 18.7 28.1

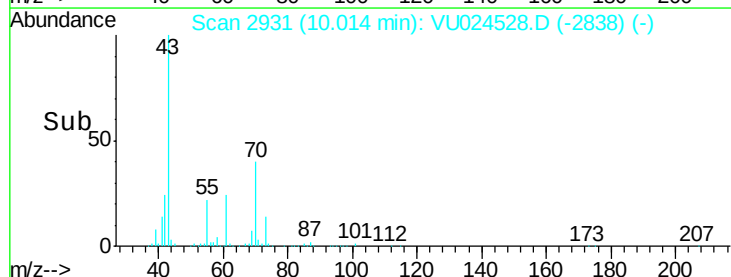
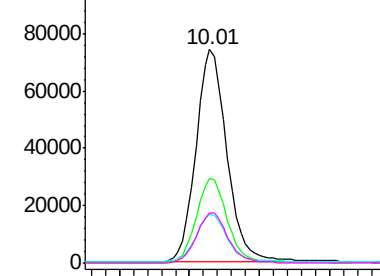


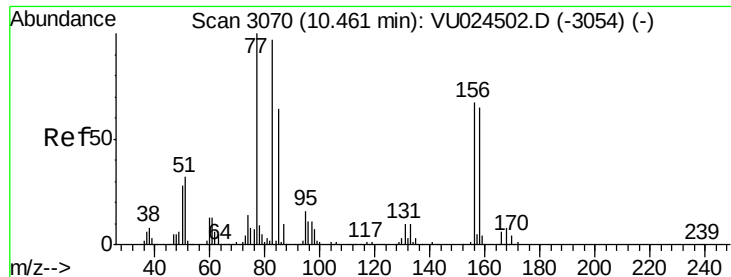
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 19.479 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

ClientSampleId :

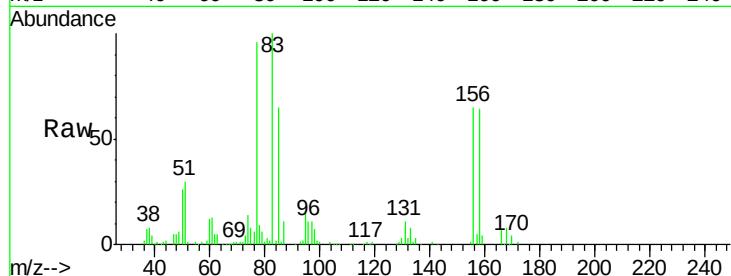
Tot Ion: 83 Resp: 83131

Ion Ratio Lower Upper

83 100

131 10.4 4.7 14.1

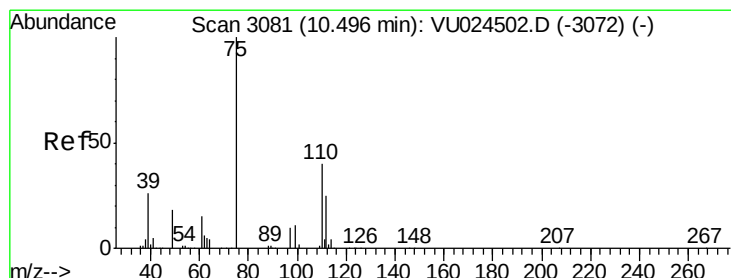
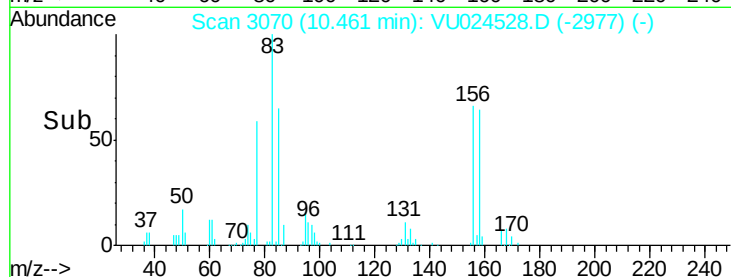
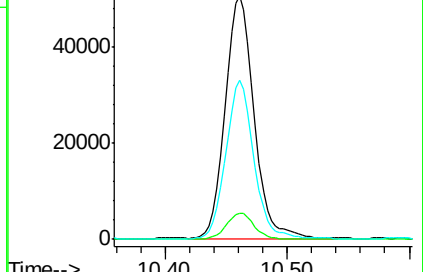
85 64.9 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU024528.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU024528.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU024528.D (-2977) (-)



#76

1,2,3-Trichloropropane

Concen: 26.933 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024528.D

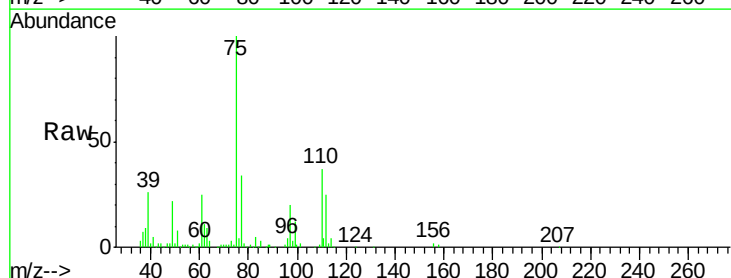
Acq: 14 Jun 2018 10:43

Tgt Ion: 75 Resp: 98362

Ion Ratio Lower Upper

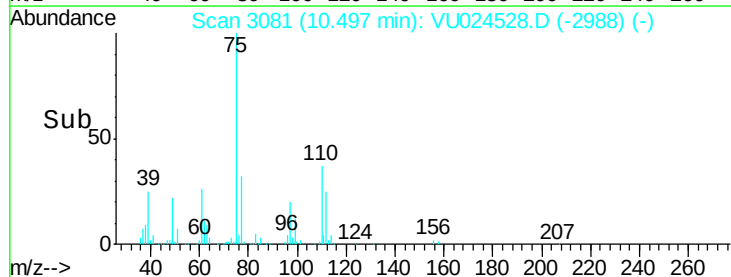
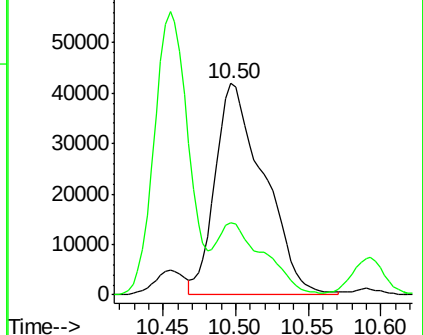
75 100

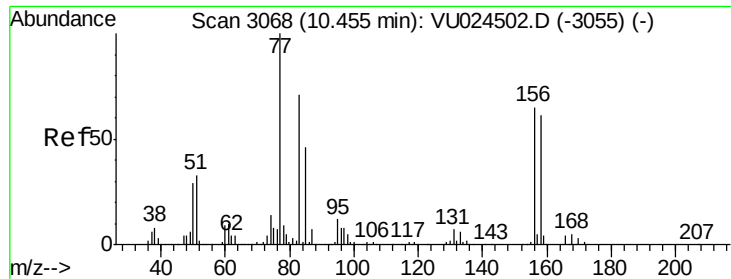
77 31.7 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU024528.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU024528.D (-2988) (-)





#77

Bromobenzene

Concen: 18.672 ug/l

RT: 10.46 min Scan# 3069

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

ClientSampleId :

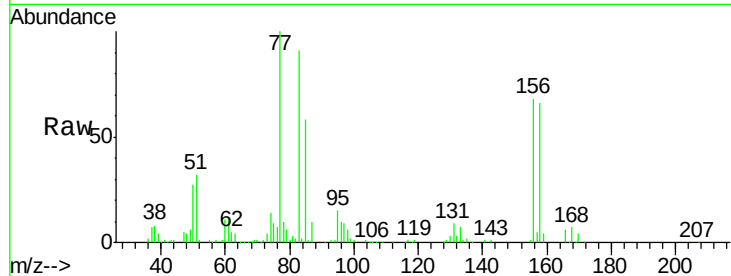
Tot Ion:156 Resp: 60204

Ion Ratio Lower Upper

156 100

77 152.6 80.5 241.3

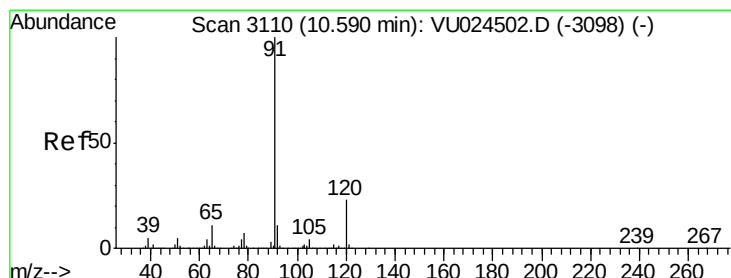
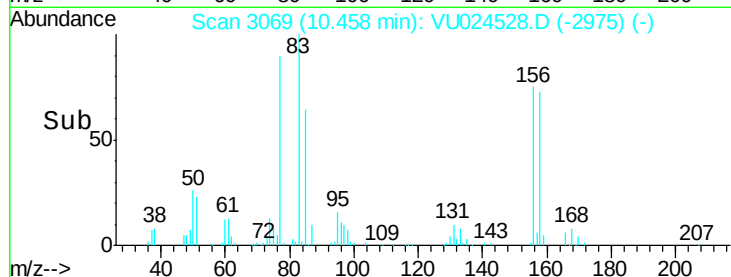
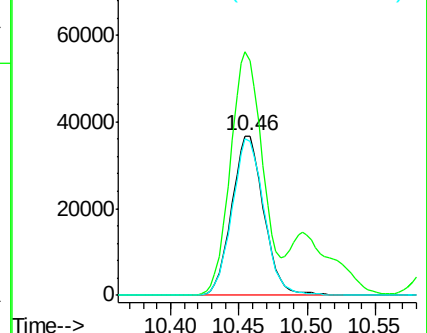
158 98.1 48.2 144.6



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: 18.803 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024528.D

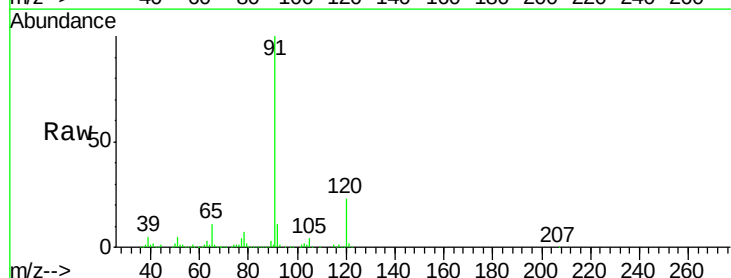
Acq: 14 Jun 2018 10:43

Tgt Ion: 91 Resp: 282086

Ion Ratio Lower Upper

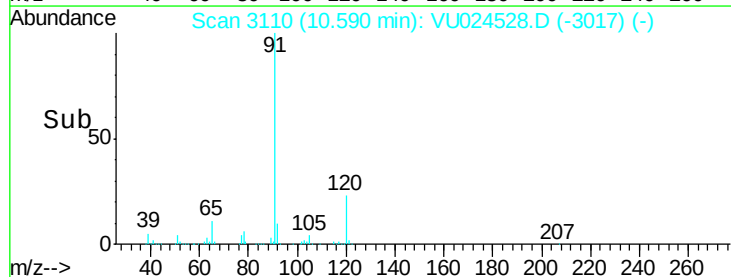
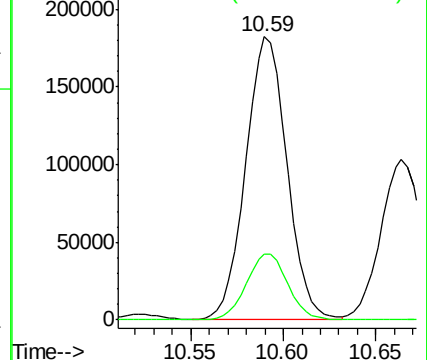
91 100

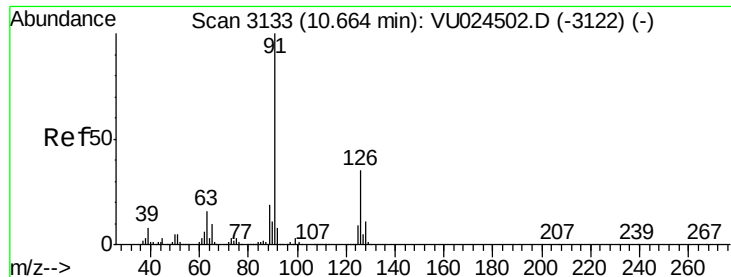
120 23.5 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.318 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

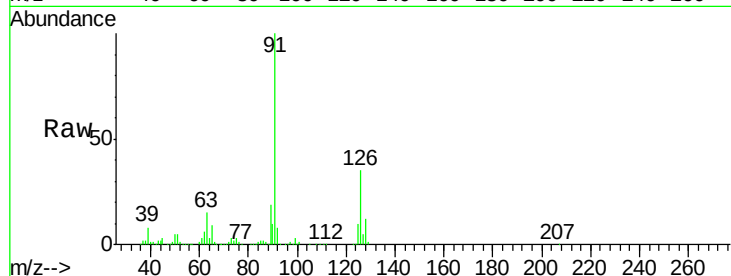
ClientSampled :

Tot Ion: 91 Resp: 162060

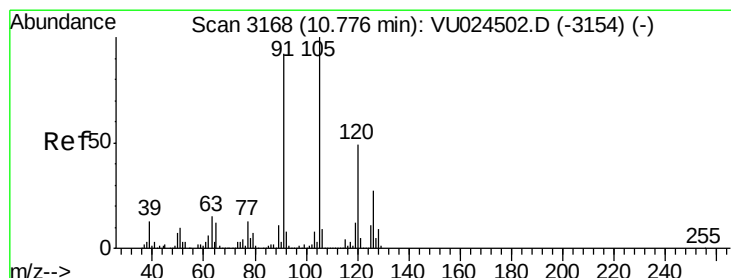
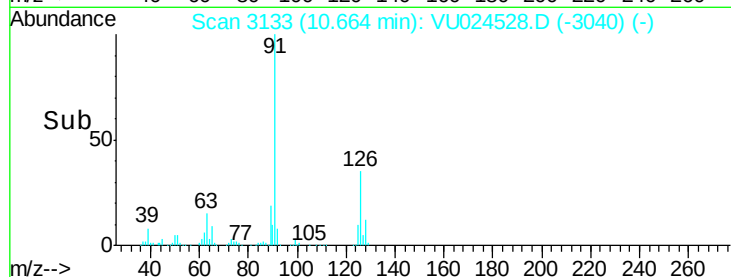
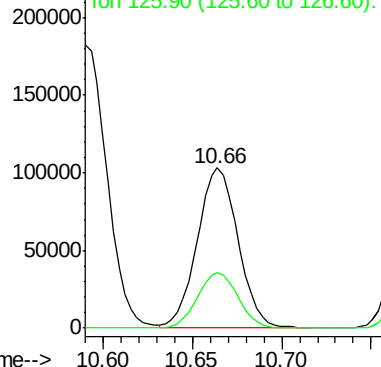
Ion Ratio Lower Upper

91 100

126 35.2 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VU024502.D (-3122) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.441 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024528.D

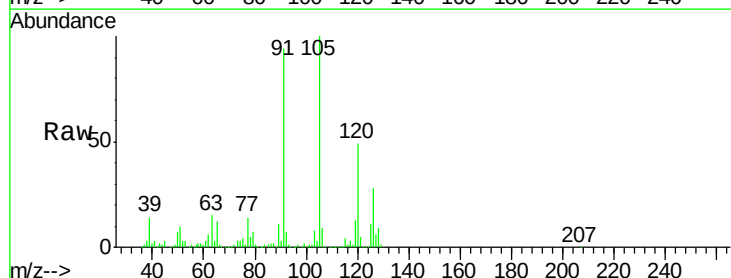
Acq: 14 Jun 2018 10:43

Tgt Ion: 105 Resp: 203561

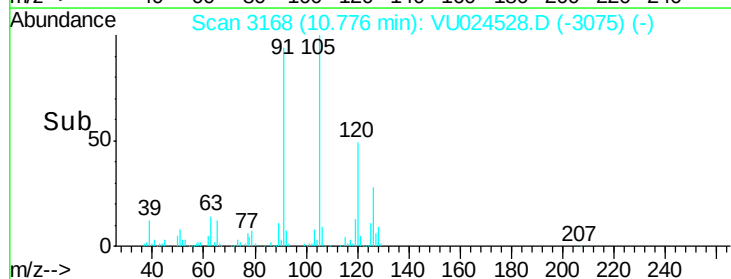
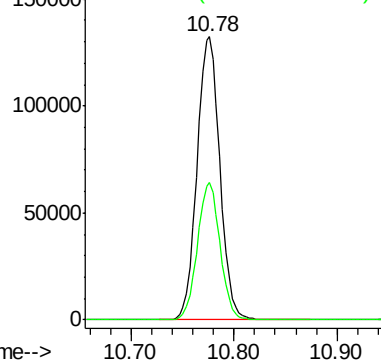
Ion Ratio Lower Upper

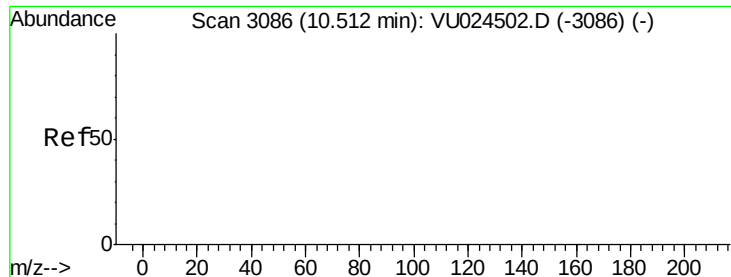
105 100

120 48.3 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VU024502.D (-3154) (-)

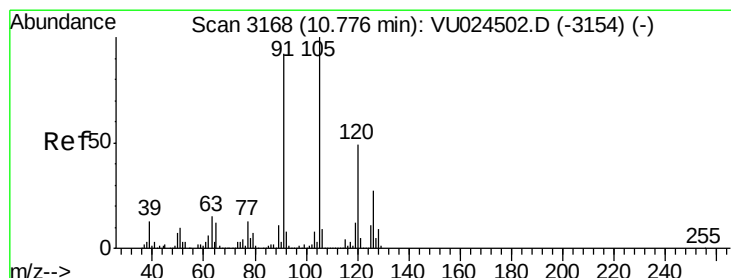
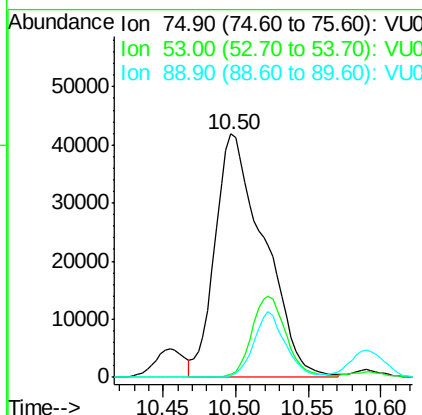
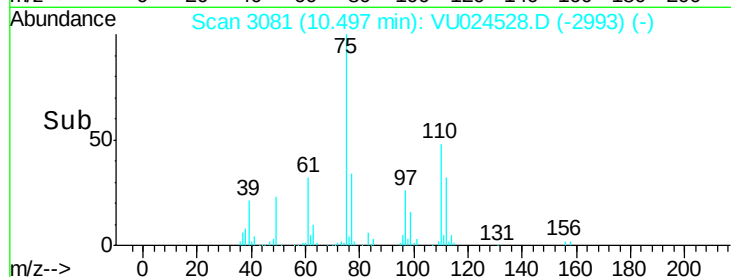
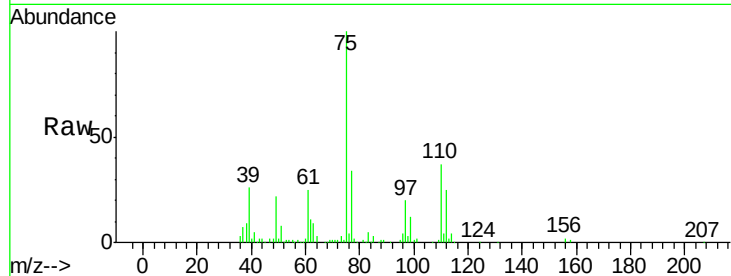




#81
trans-1,4-Dichloro-2-butene
Concen: 62.334 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

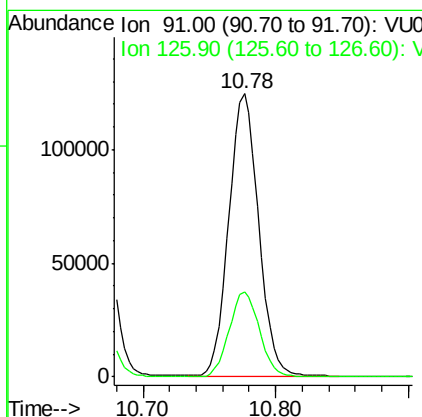
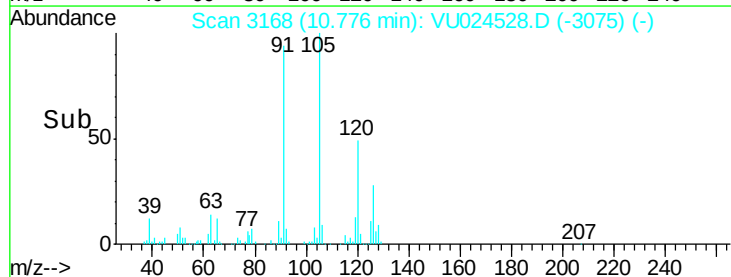
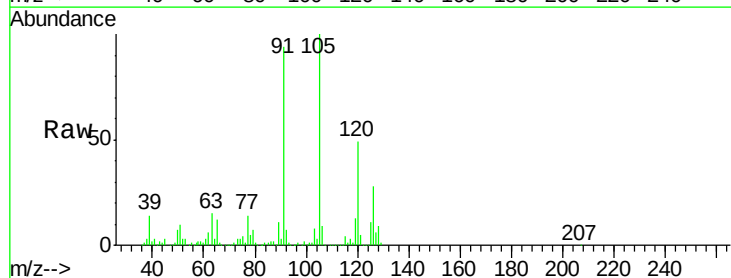
Instrument :
MSVOA_U
ClientSampleId :

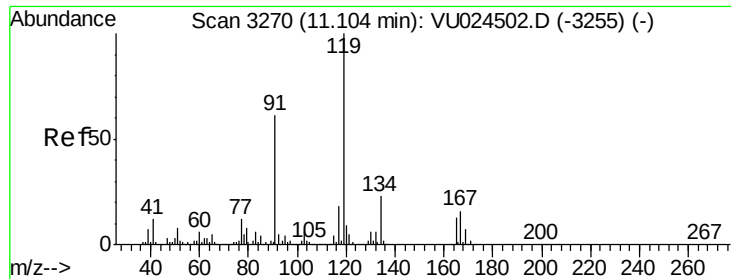
Tot Ion: 75 Resp: 98362
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 18.892 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Tgt Ion: 91 Resp: 194535
Ion Ratio Lower Upper
91 100
126 30.6 14.9 44.9

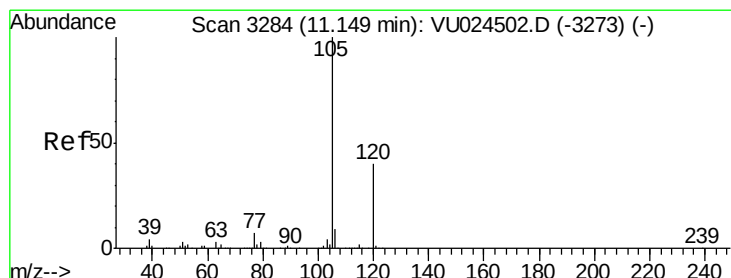
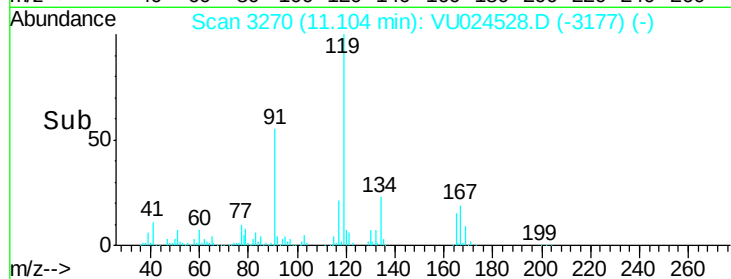
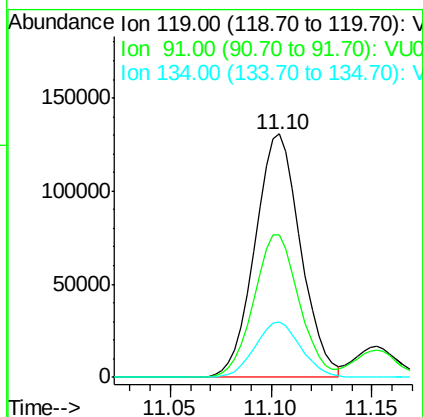
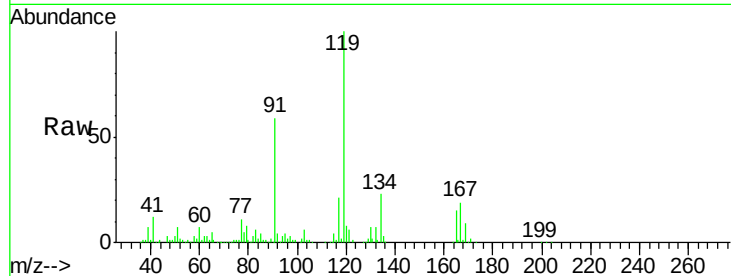




#83
 tert-Butylbenzene
 Concen: 19.422 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

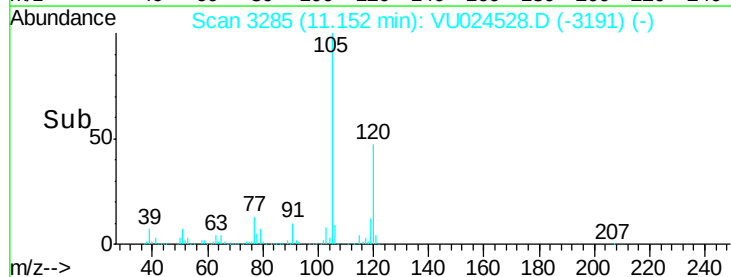
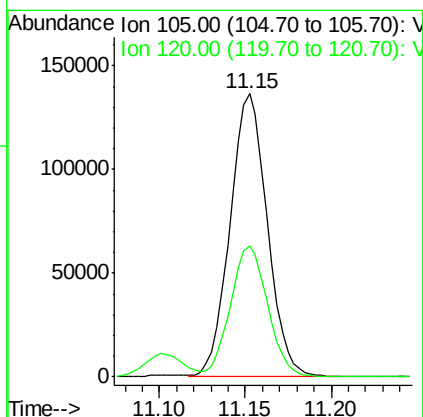
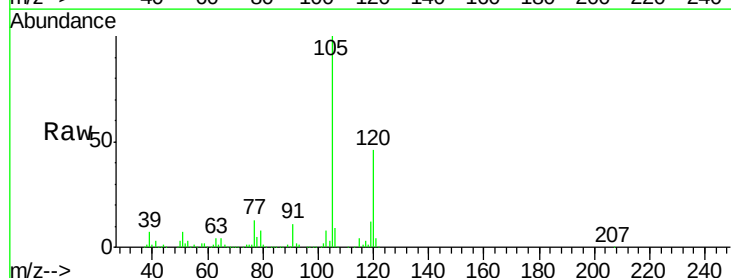
Instrument :
 MSVOA_U
 ClientSampleId :

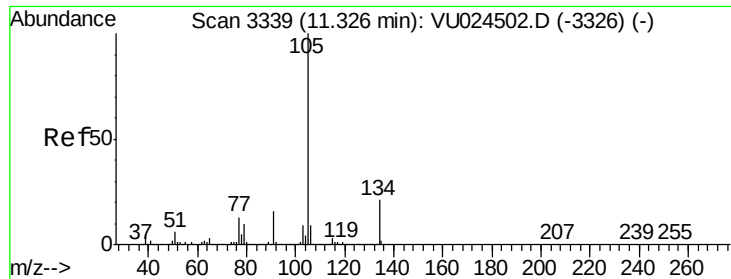
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.2	29.7	89.1
134	22.7	11.6	34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 18.237 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	22.6	67.8





#85

sec-Butylbenzene

Concen: 18.780 ug/l

RT: 11.33 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

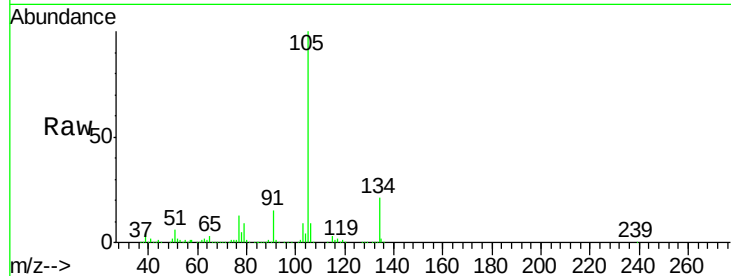
ClientSampleId :

Tot Ion:105 Resp: 249617

Ion Ratio Lower Upper

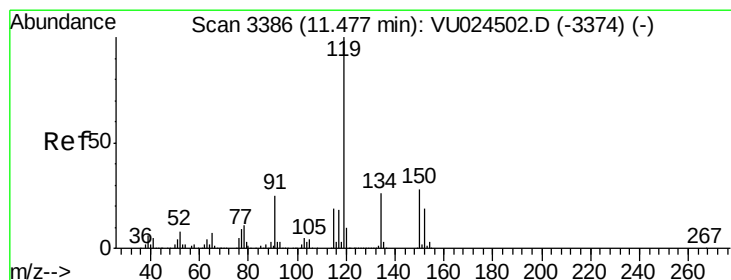
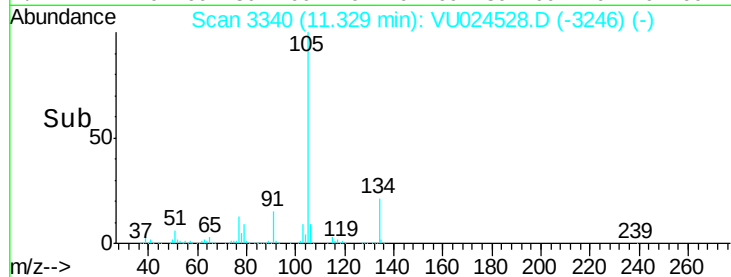
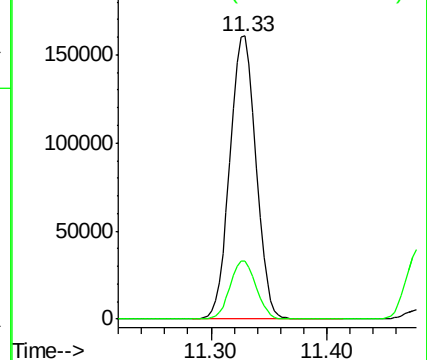
105 100

134 20.6 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.530 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

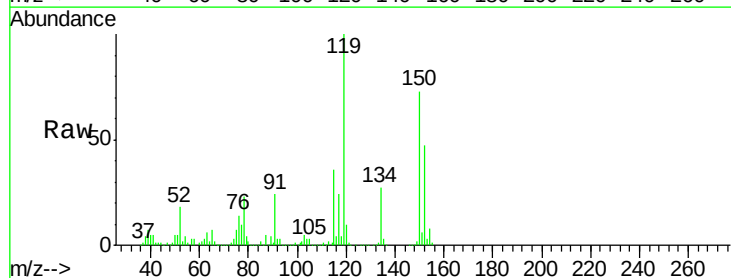
Tgt Ion:119 Resp: 220575

Ion Ratio Lower Upper

119 100

134 27.7 12.9 38.6

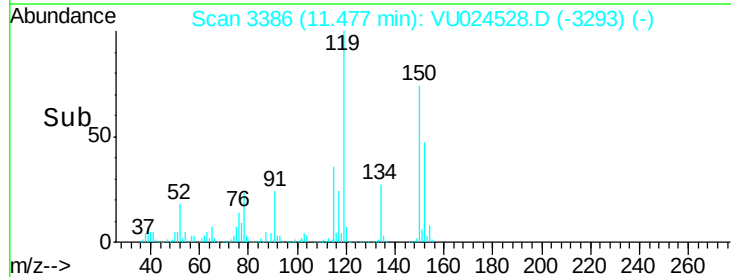
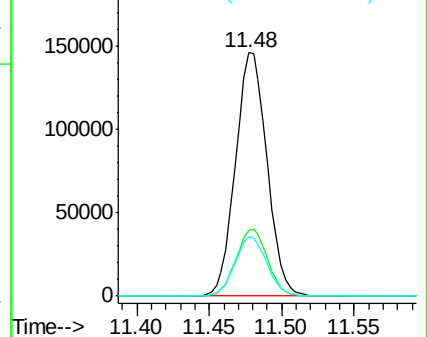
91 24.6 12.0 36.1

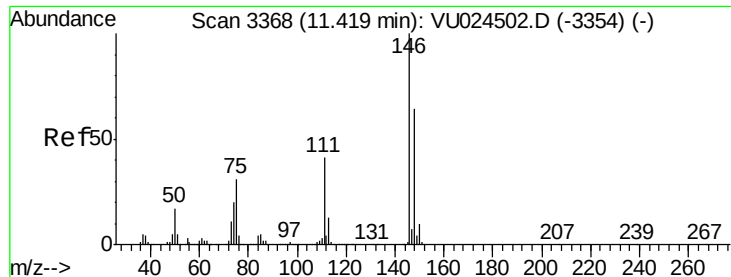


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

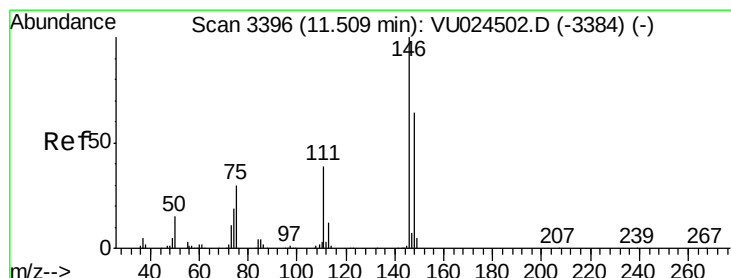
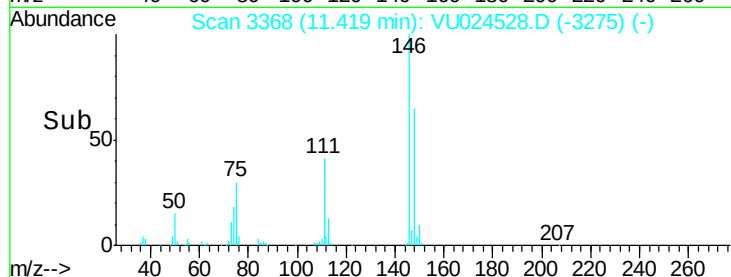
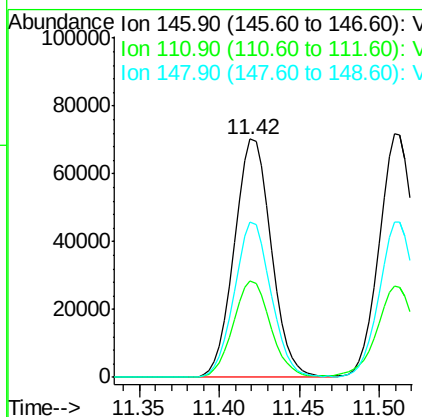
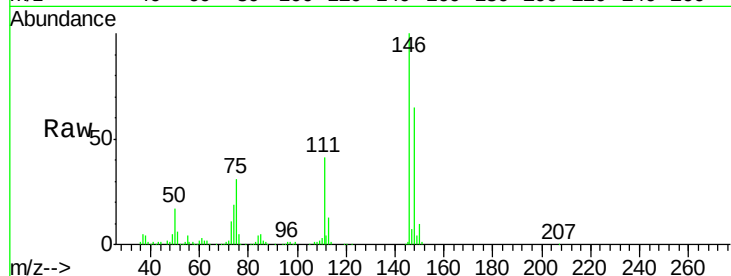




#87
 1,3-Dichlorobenzene
 Concen: 18.589 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

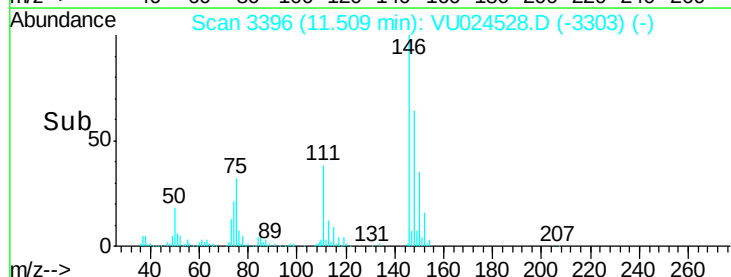
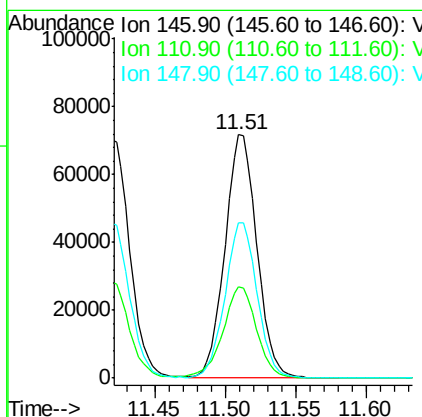
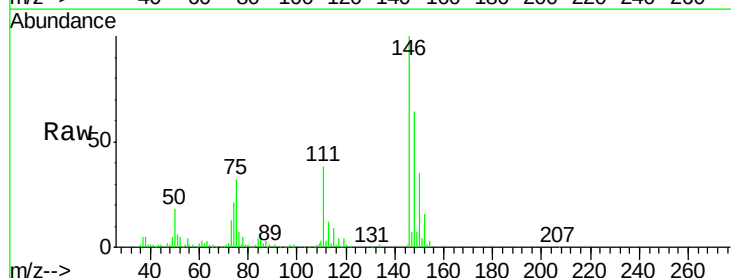
Instrument :
 MSVOA_U
 ClientSampleId :

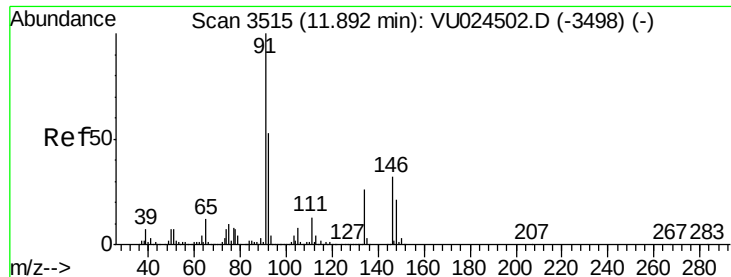
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.0	60.0
148	64.7	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 18.907 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.5	58.5
148	64.5	32.4	97.0





#89

n-Butylbenzene

Concen: 19.027 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

ClientSampleId :

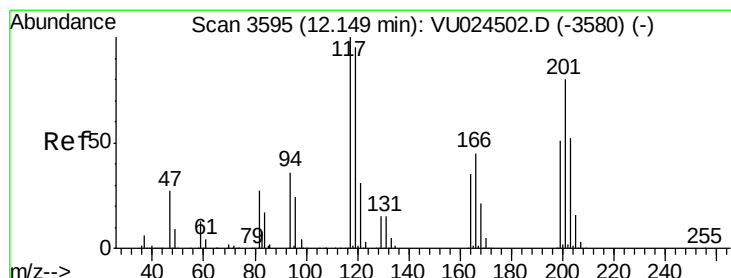
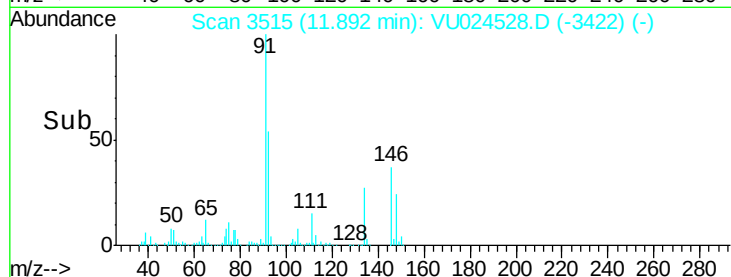
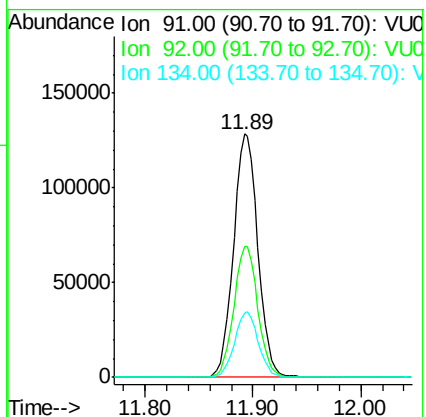
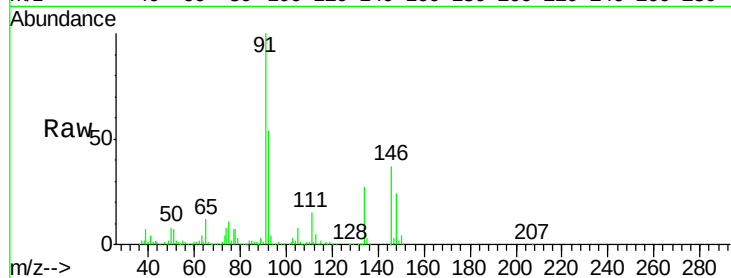
Tot Ion: 91 Resp: 201082

Ion Ratio Lower Upper

91 100

92 53.2 25.6 76.8

134 26.4 12.3 36.8



#90

Hexachloroethane

Concen: 18.693 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU024528.D

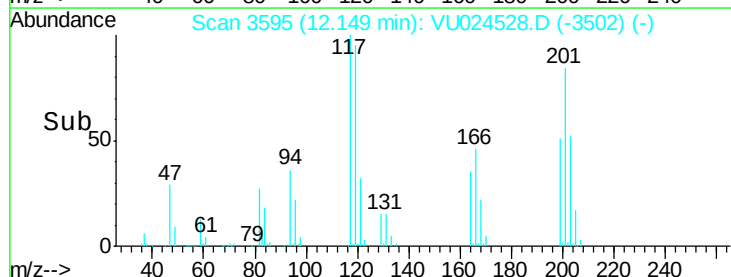
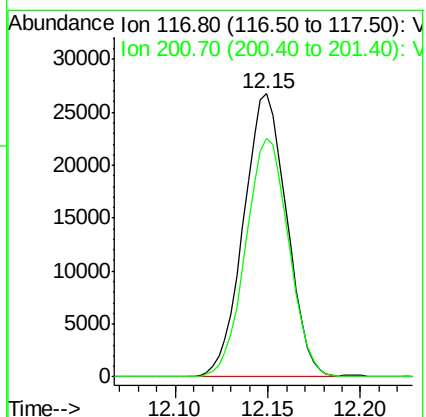
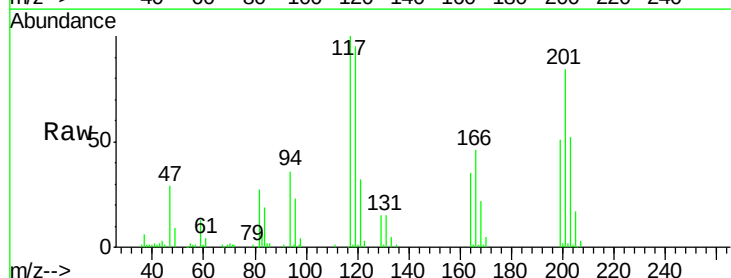
Acq: 14 Jun 2018 10:43

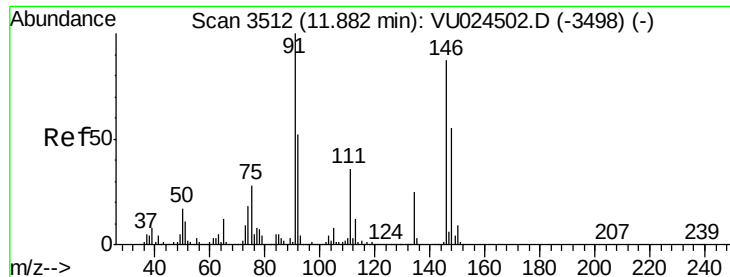
Tgt Ion: 117 Resp: 43409

Ion Ratio Lower Upper

117 100

201 83.6 41.1 123.3

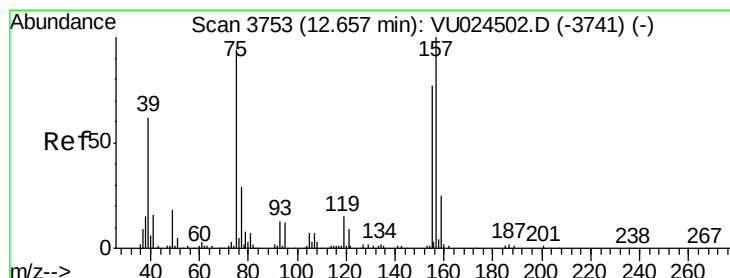
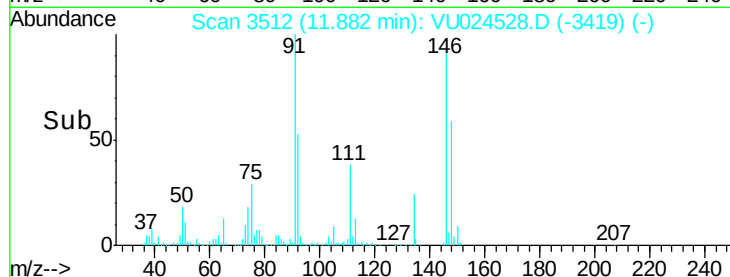
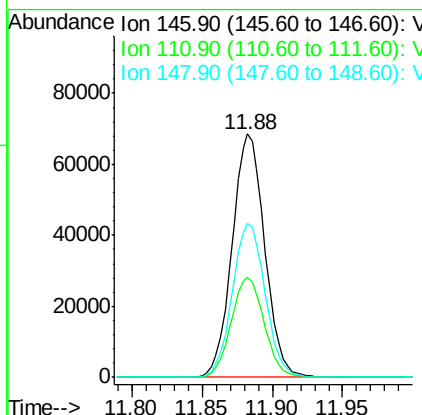
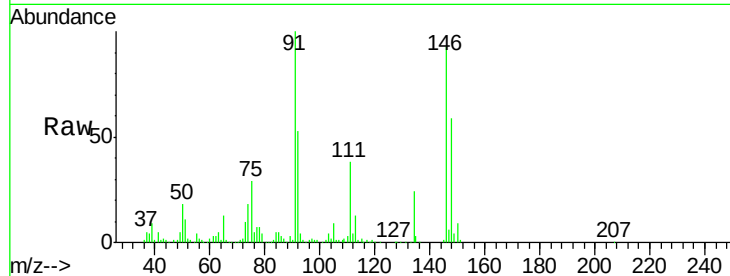




#91
1,2-Dichlorobenzene
Concen: 18.553 ug/l
RT: 11.88 min Scan# 3512
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

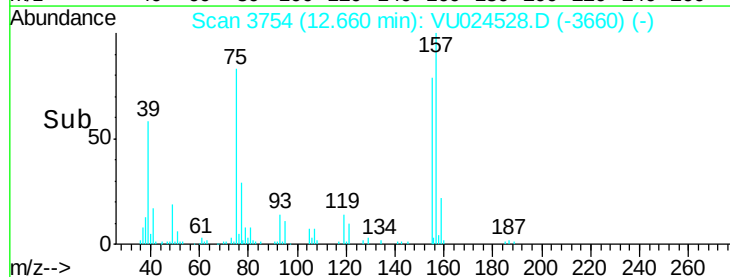
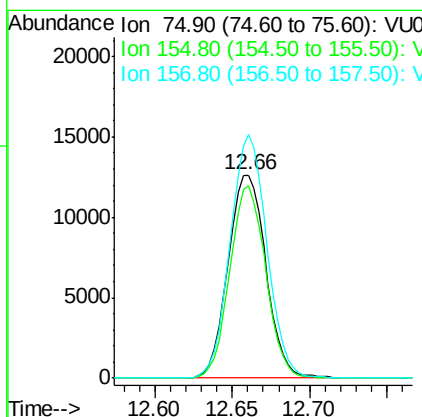
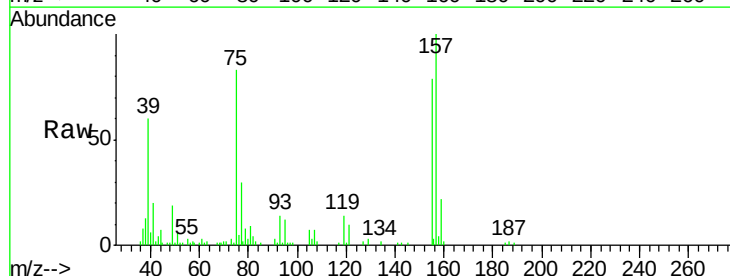
Instrument :
MSVOA_U
ClientSampleId :

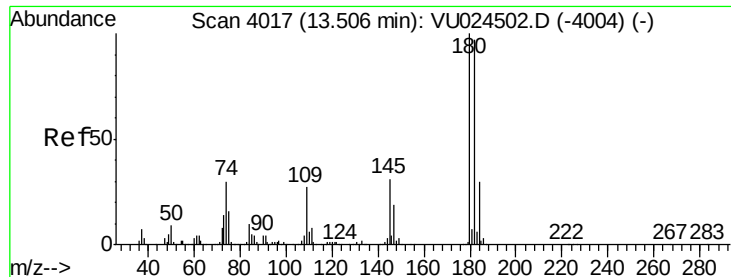
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.5	61.6
148	63.9	31.9	95.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.240 ug/l
RT: 12.66 min Scan# 3754
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.5	40.4	121.2
157	116.0	52.3	156.8

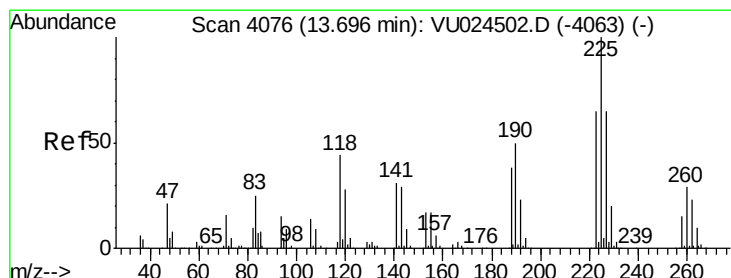
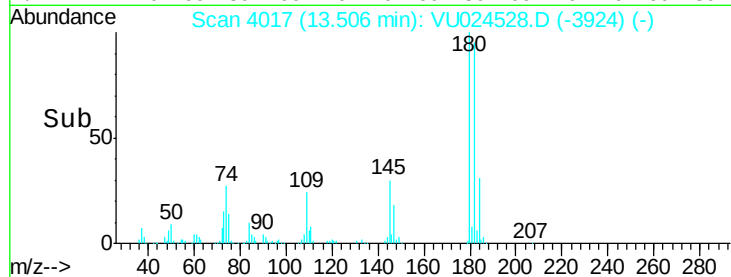
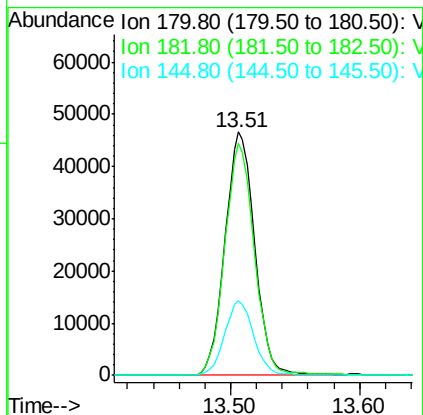
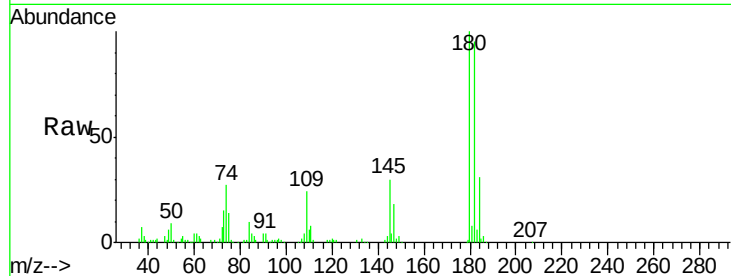




#93
 1,2,4-Trichlorobenzene
 Concen: 20.189 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

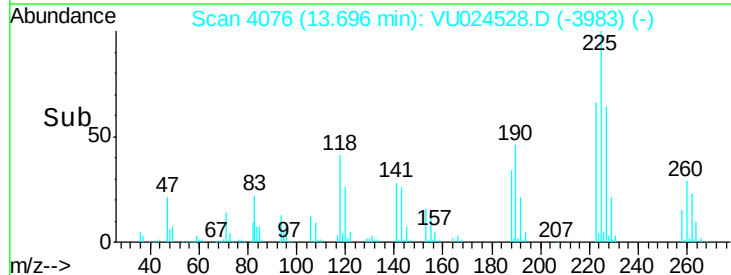
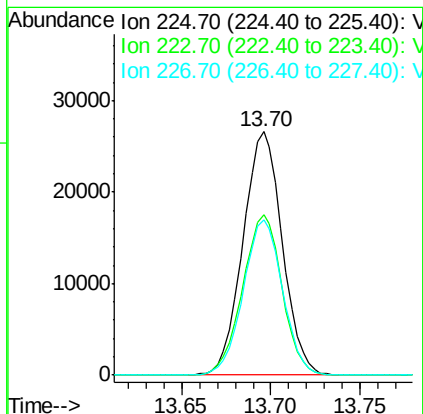
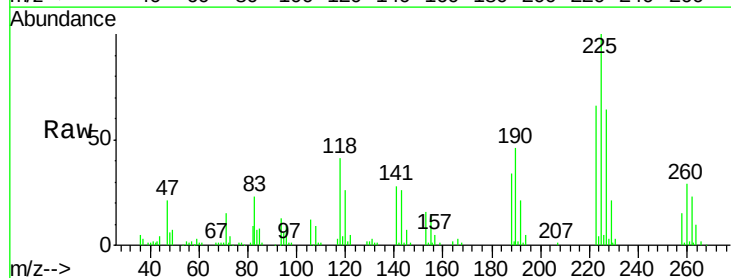
Instrument :
 MSVOA_U
 ClientSampled :

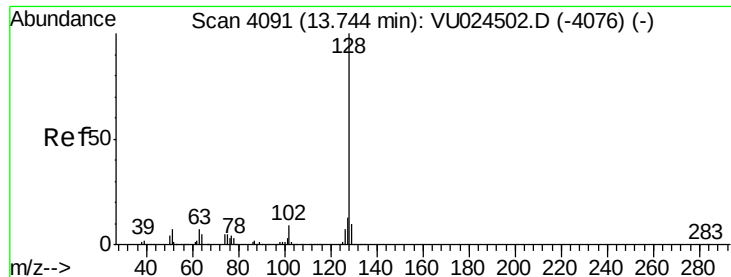
Tot Ion:180 Resp: 74386
 Ion Ratio Lower Upper
 180 100
 182 95.2 48.0 144.2
 145 30.0 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 19.697 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

Tgt Ion:225 Resp: 40847
 Ion Ratio Lower Upper
 225 100
 223 65.8 31.3 93.8
 227 63.5 31.8 95.4





#95

Naphthalene

Concen: 18.412 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

ClientSampleId :

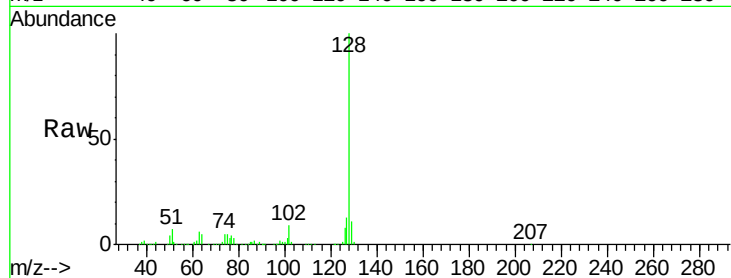
Tot Ion:128 Resp: 219277

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

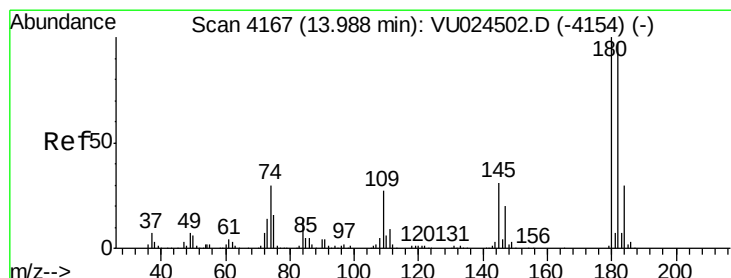
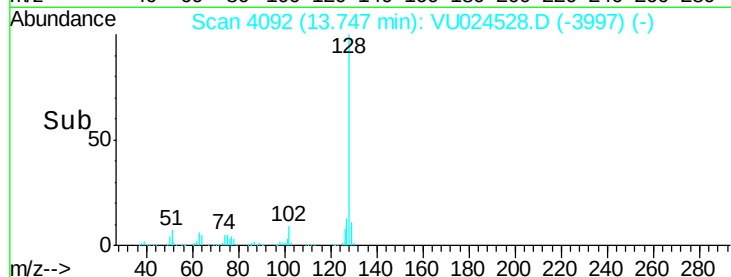
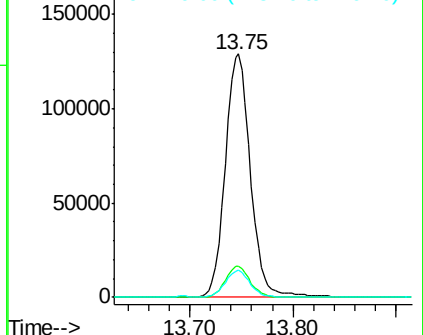
129 10.7 8.6 12.8



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: 20.570 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

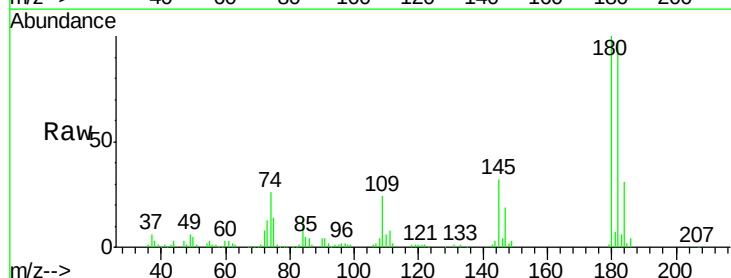
Tgt Ion:180 Resp: 75519

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.7

145 31.4 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

