

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062018\
 Data File : VU024775.D
 Acq On : 20 Jun 2018 22:47
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 21 07:54:29 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	179022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	275226	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	270021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	164244	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	124268	42.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.04%	
35) Dibromofluoromethane	4.89	113	101056	44.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.48%	
50) Toluene-d8	7.57	98	368562	44.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.48%	
62) 4-Bromofluorobenzene	10.31	95	149834	45.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	97544	43.531	ug/l	99
3) Chloromethane	1.33	50	108104	47.221	ug/l	98
4) Vinyl Chloride	1.40	62	111391	47.181	ug/l	99
5) Bromomethane	1.62	94	69274	60.697	ug/l	99
6) Chloroethane	1.69	64	72540	55.093	ug/l	99
7) Trichlorofluoromethane	1.89	101	174501	48.432	ug/l	99
8) Diethyl Ether	2.10	74	65629	53.662	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	98558	44.092	ug/l	97
10) Methyl Iodide	2.41	142	89722	47.701	ug/l	98
11) Tert butyl alcohol	2.82	59	150764	212.106	ug/l	99
12) 1,1-Dichloroethene	2.28	96	92969	45.608	ug/l	93
13) Acrolein	2.19	56	89445	239.634	ug/l	100
14) Allyl chloride	2.59	41	159113	42.040	ug/l	94
15) Acrylonitrile	2.93	53	338062	244.453	ug/l	99
16) Acetone	2.32	43	305332	194.442	ug/l	95
17) Carbon Disulfide	2.48	76	276911	42.425	ug/l	99
18) Methyl Acetate	2.61	43	177532	52.737	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	355205	46.357	ug/l	97
20) Methylene Chloride	2.70	84	113111	45.907	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	102486	45.648	ug/l	94
22) Diisopropyl ether	3.57	45	358194	47.741	ug/l	97
23) Vinyl Acetate	3.53	43	1579399	234.995	ug/l	100
24) 1,1-Dichloroethane	3.45	63	201224	46.621	ug/l	99
25) 2-Butanone	4.26	43	497417	235.825	ug/l	97
26) 2,2-Dichloropropane	4.23	77	157949	38.539	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	120909	46.843	ug/l	98
28) Bromochloromethane	4.55	49	83172	43.749	ug/l	85
29) Tetrahydrofuran	4.64	42	315894	241.843	ug/l	97
30) Chloroform	4.68	83	208454	47.716	ug/l	98
31) Cyclohexane	5.00	56	185340	48.287	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	186626	46.197	ug/l	96
36) 1,1-Dichloropropene	5.14	75	148630	45.957	ug/l	97
37) Ethyl Acetate	4.38	43	184450	52.327	ug/l	97
38) Carbon Tetrachloride	5.14	117	169817	47.749	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	186385	46.181	ug/l	96
40) Benzene	5.39	78	451383	48.981	ug/l	98
41) Methacrylonitrile	4.54	41	99694	52.456	ug/l	98
42) 1,2-Dichloroethane	5.41	62	172229	49.070	ug/l	100
43) Isopropyl Acetate	5.55	43	294597	48.350	ug/l	99
44) Trichloroethene	6.19	130	124117	47.324	ug/l	94
45) 1,2-Dichloropropane	6.44	63	123911	50.393	ug/l	97
46) Dibromomethane	6.56	93	85650	49.590	ug/l	94
47) Bromodichloromethane	6.76	83	167031	48.566	ug/l #	98
48) Methyl methacrylate	6.62	41	148291	49.981	ug/l	99
49) 1,4-Dioxane	6.61	88	64237	1107.106	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	977947	255.474	ug/l	99
52) Toluene	7.64	92	295886	49.906	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	186357	48.250	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	191846	46.615	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	121649	50.476	ug/l	99
56) Ethyl methacrylate	8.02	69	203792	50.522	ug/l	98
57) 1,3-Dichloropropane	8.25	76	208501	51.285	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	412722	267.072	ug/l	96
59) 2-Hexanone	8.36	43	780794	249.841	ug/l	100
60) Dibromochloromethane	8.48	129	143461	47.736	ug/l	99
61) 1,2-Dibromoethane	8.59	107	135628	50.562	ug/l	99
64) Tetrachloroethene	8.23	164	117365	45.727	ug/l	99
65) Chlorobenzene	9.12	112	339060	49.153	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	127350	48.594	ug/l	97
67) Ethyl Benzene	9.25	91	582343	48.156	ug/l	97
68) m/p-Xylenes	9.38	106	457436	98.508	ug/l	96
69) o-Xylene	9.78	106	227643	49.535	ug/l	96
70) Styrene	9.80	104	372294	49.296	ug/l	99
71) Bromoform	9.96	173	116275	46.679	ug/l #	99
73) Isopropylbenzene	10.17	105	611874	48.523	ug/l	99
74) N-amyl acetate	10.01	43	288618	48.120	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	210911	49.912	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	245490	67.889	ug/l	83
77) Bromobenzene	10.45	156	158371	49.609	ug/l	94
78) n-propylbenzene	10.59	91	699432	47.086	ug/l	97
79) 2-Chlorotoluene	10.66	91	418767	47.805	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	533008	48.767	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	245490	157.123	ug/l #	100
82) 4-Chlorotoluene	10.78	91	486709	47.737	ug/l	98
83) tert-Butylbenzene	11.10	119	532741	50.672	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	546321	49.049	ug/l	100
85) sec-Butylbenzene	11.33	105	645604	49.058	ug/l	98
86) p-Isopropyltoluene	11.48	119	569612	48.328	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	289959	49.163	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	293579	49.455	ug/l	99
89) n-Butylbenzene	11.89	91	483488	46.204	ug/l	98
90) Hexachloroethane	12.15	117	104096	45.274	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	302612	51.225	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	56589	48.534	ug/l	90

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Response via : Initial Calibration

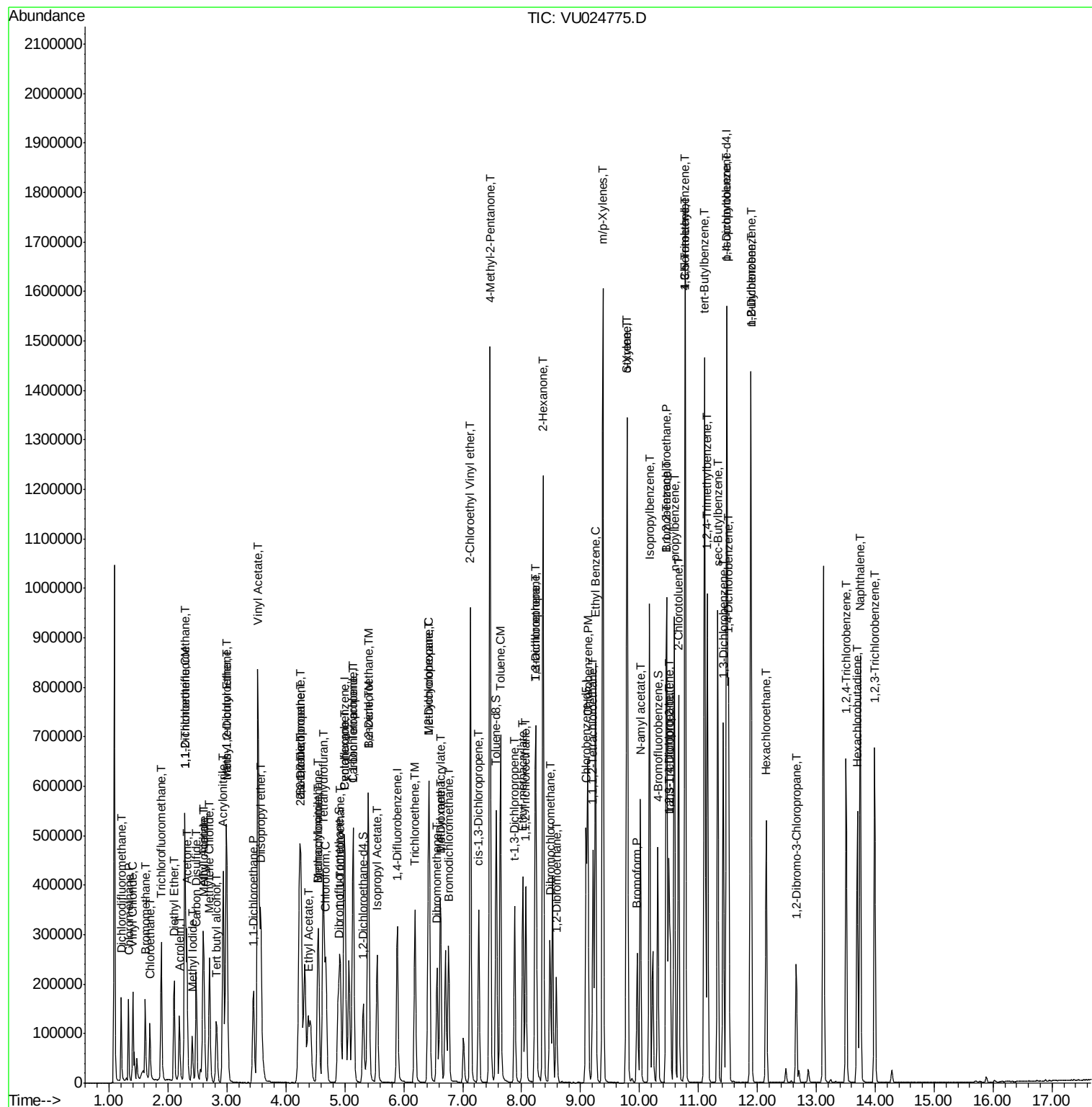
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	199514	54.691	ug/l	99
94) Hexachlorobutadiene	13.70	225	100938	49.159	ug/l	99
95) Naphthalene	13.74	128	672415	55.601	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	209503	57.634	ug/l	100

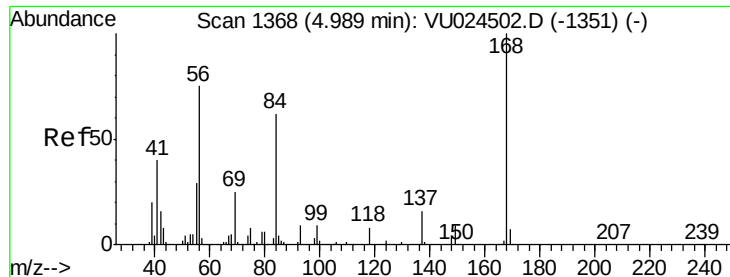
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

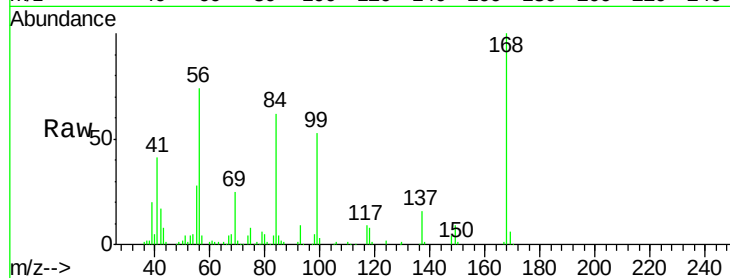
VSTDCCC050

Tgt Ion:168 Resp: 179022

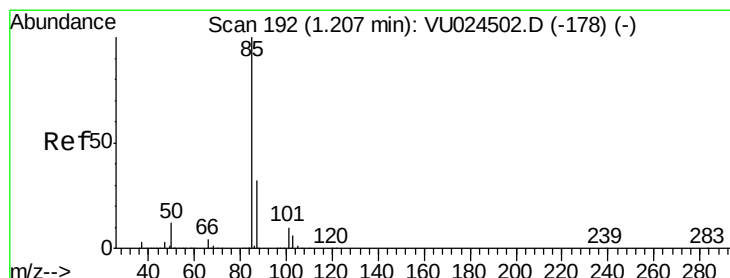
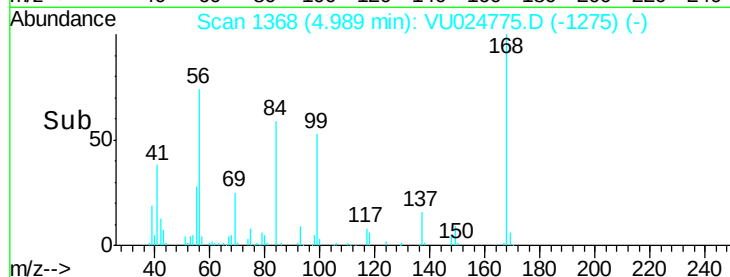
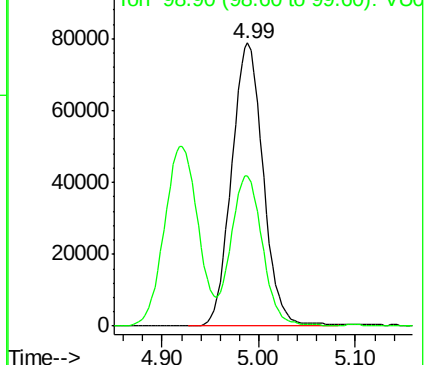
Ion Ratio Lower Upper

168 100

99 52.7 43.2 64.8



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



#2

Dichlorodifluoromethane

Concen: 43.531 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024775.D

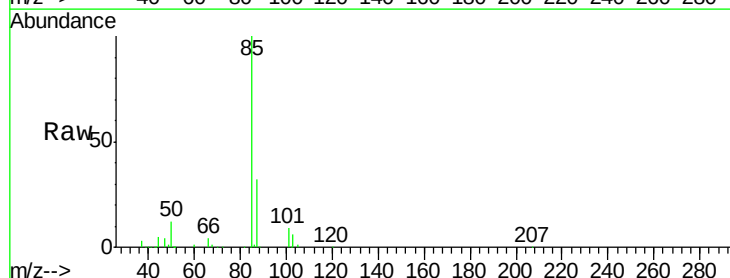
Acq: 20 Jun 2018 22:47

Tgt Ion: 85 Resp: 97544

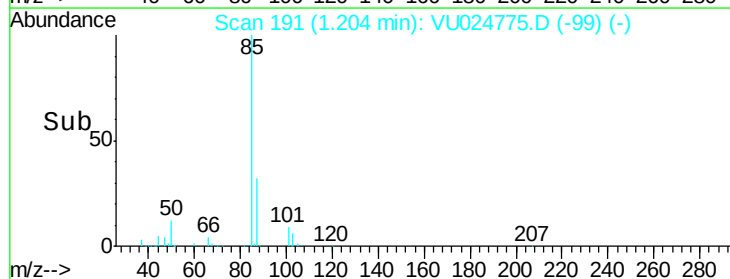
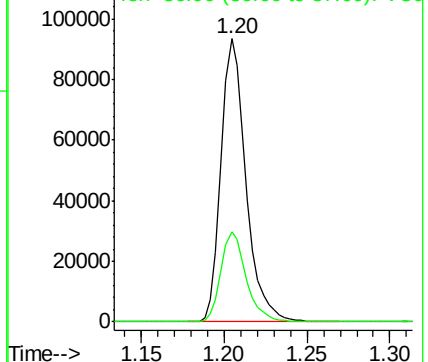
Ion Ratio Lower Upper

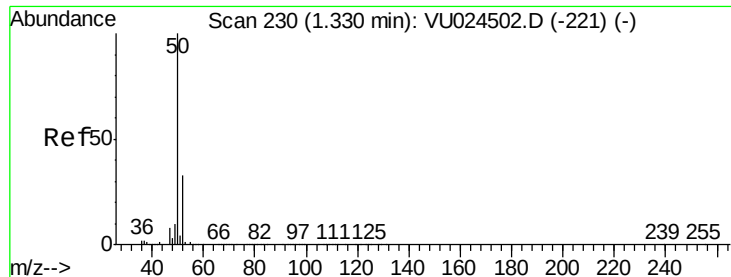
85 100

87 31.7 16.1 48.2



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

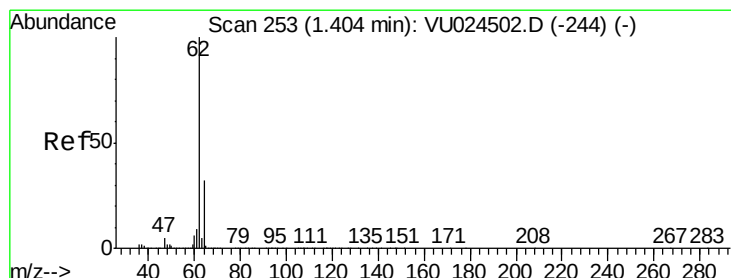
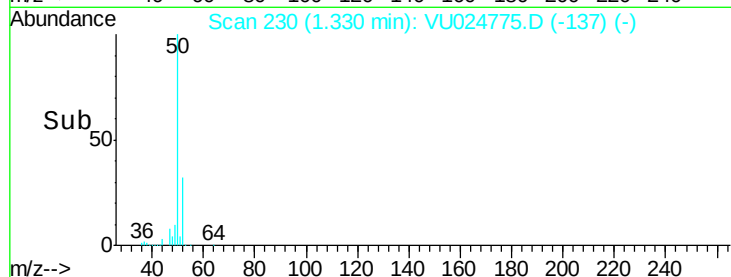
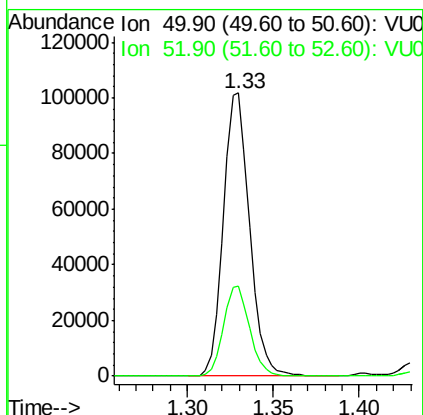
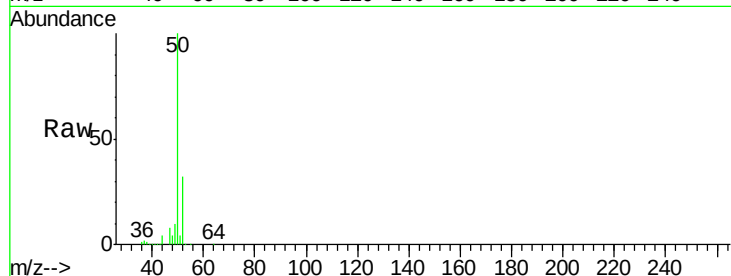




#3
Chloromethane
Concen: 47.221 ug/l
RT: 1.33 min Scan# 230
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

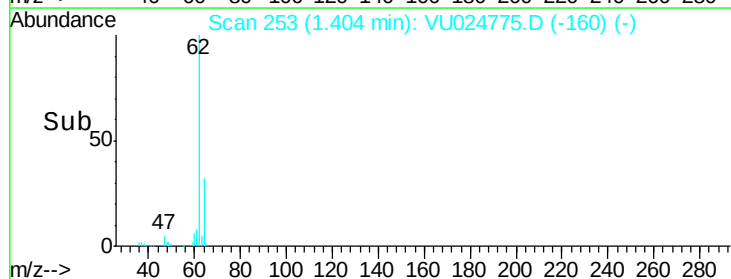
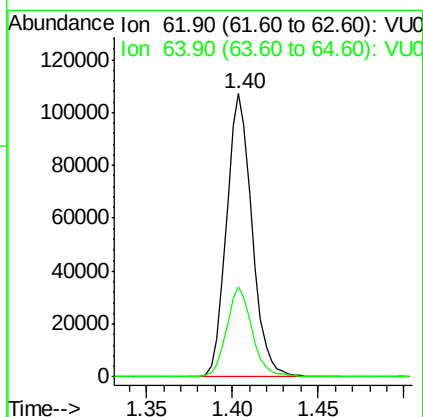
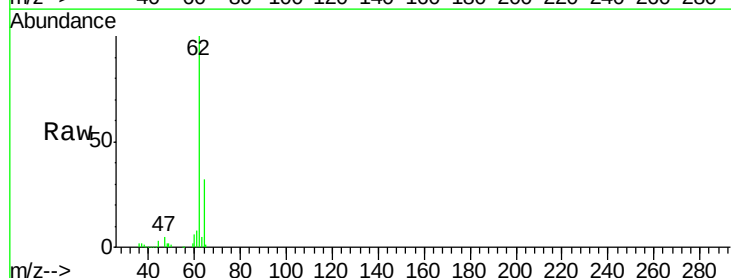
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

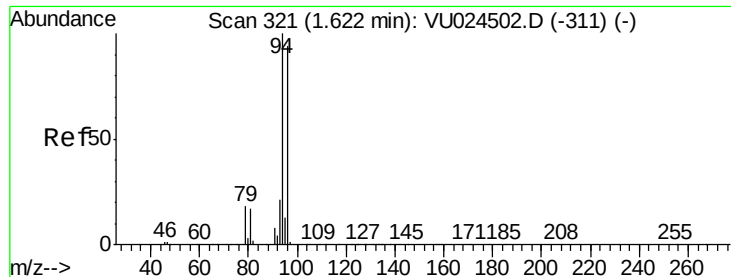
Tgt Ion: 50 Resp: 108104
Ion Ratio Lower Upper
50 100
52 32.0 26.4 39.6



#4
Vinyl Chloride
Concen: 47.181 ug/l
RT: 1.40 min Scan# 253
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Tgt Ion: 62 Resp: 111391
Ion Ratio Lower Upper
62 100
64 31.6 24.8 37.2





#5

Bromomethane

Concen: 60.697 ug/l

RT: 1.62 min Scan# 319

Delta R.T. -0.01 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

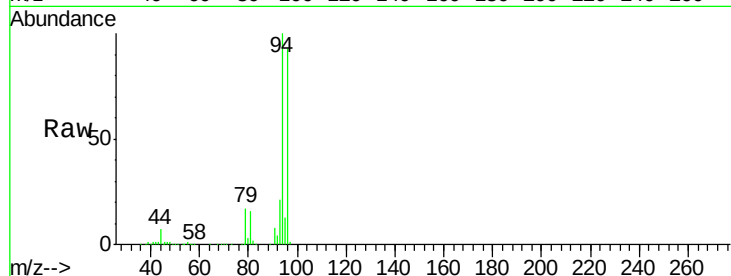
VSTDCCC050

Tgt Ion: 94 Resp: 69274

Ion Ratio Lower Upper

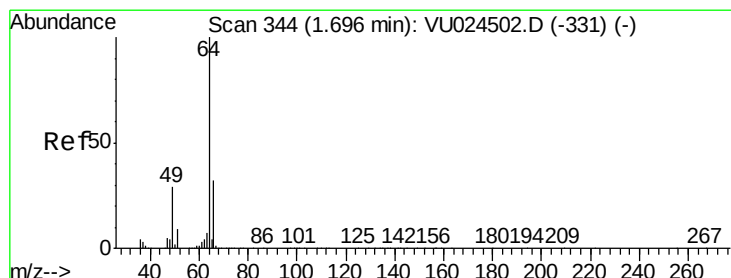
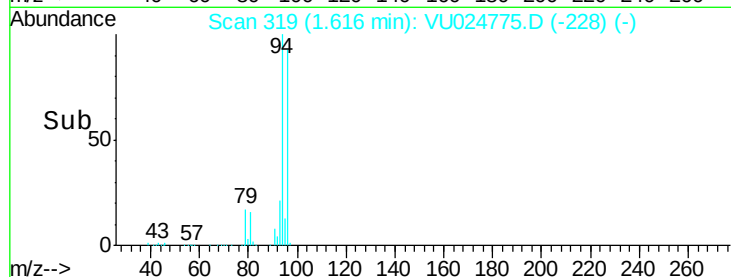
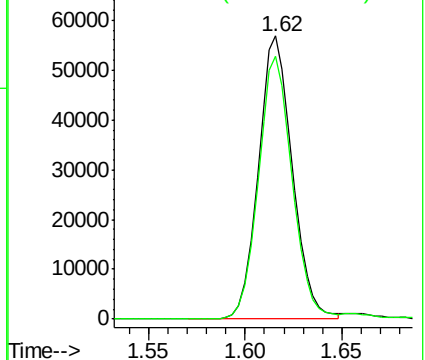
94 100

96 92.6 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: 55.093 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU024775.D

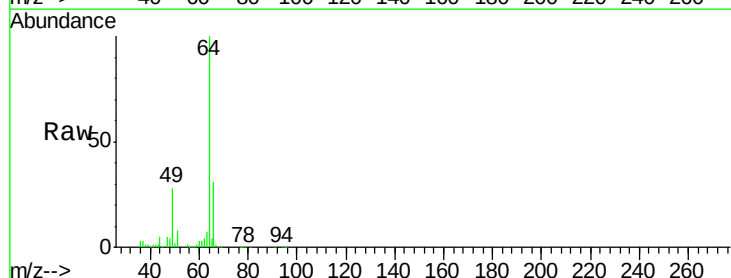
Acq: 20 Jun 2018 22:47

Tgt Ion: 64 Resp: 72540

Ion Ratio Lower Upper

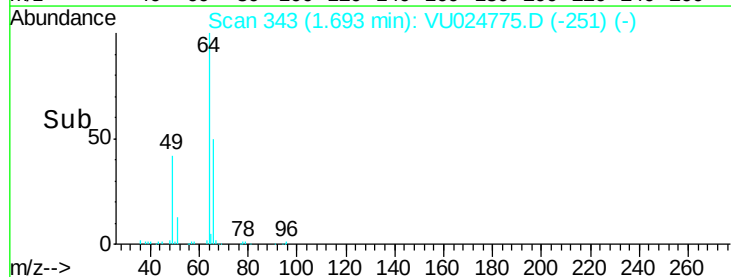
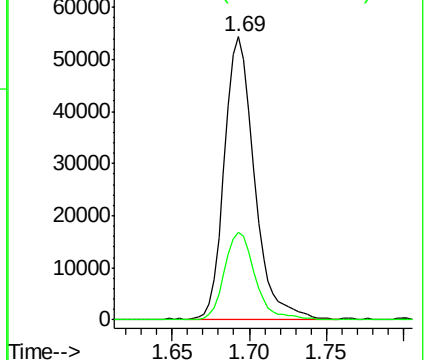
64 100

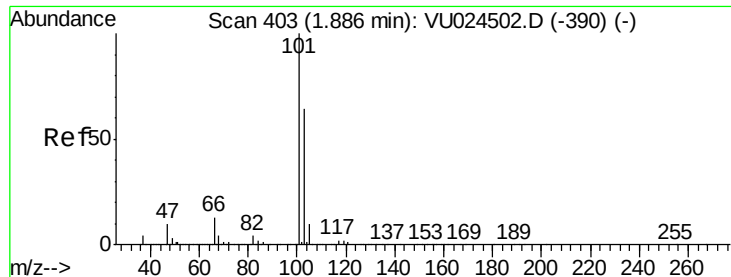
66 31.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



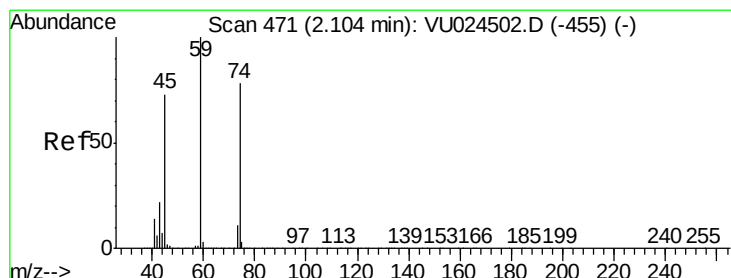
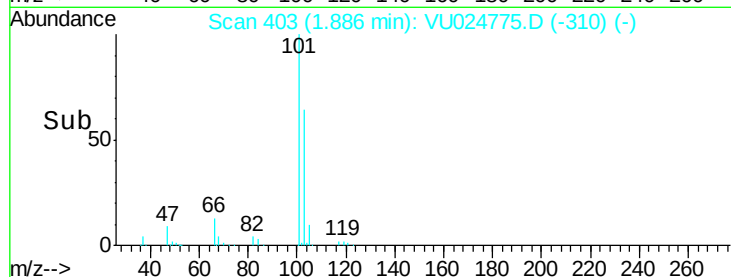
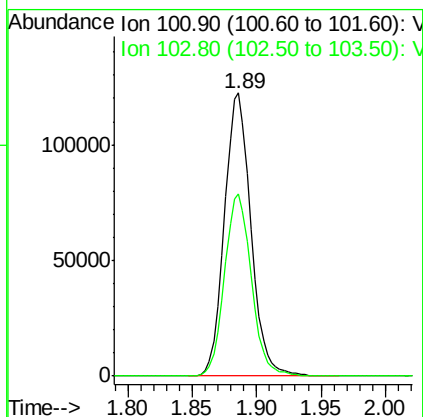
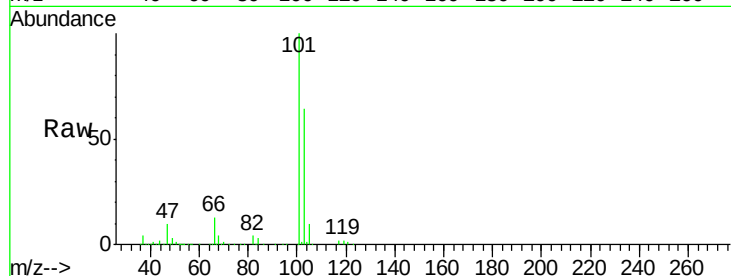


#7

Trichlorofluoromethane
 Concen: 48.432 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

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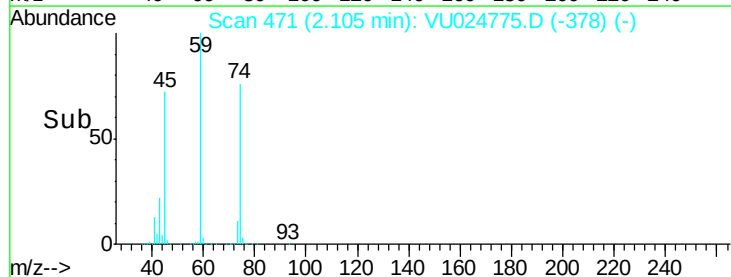
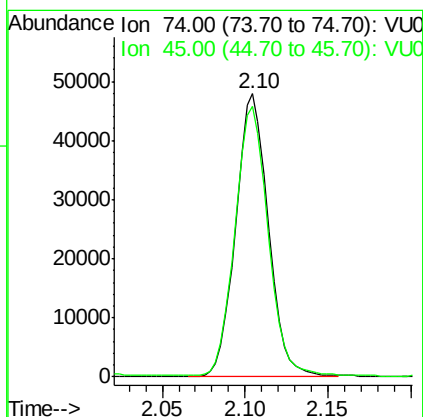
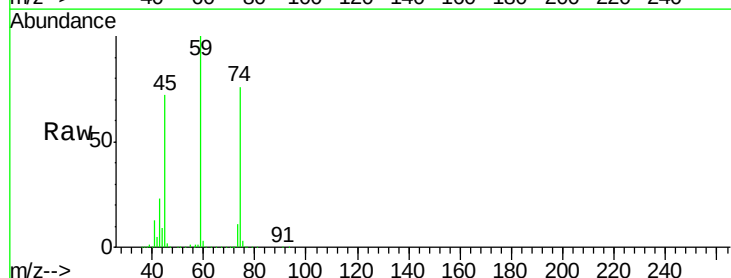
Tgt Ion:101 Resp: 174501
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.3 78.5

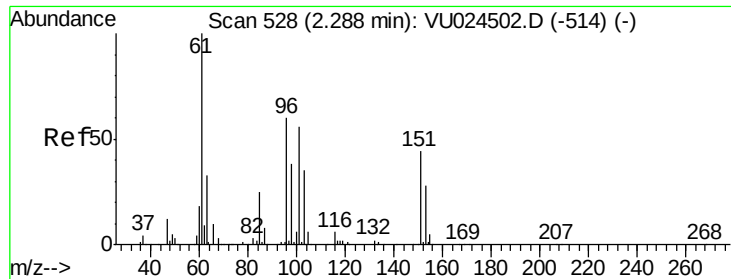


#8

Diethyl Ether
 Concen: 53.662 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Tgt Ion: 74 Resp: 65629
 Ion Ratio Lower Upper
 74 100
 45 97.2 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.092 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

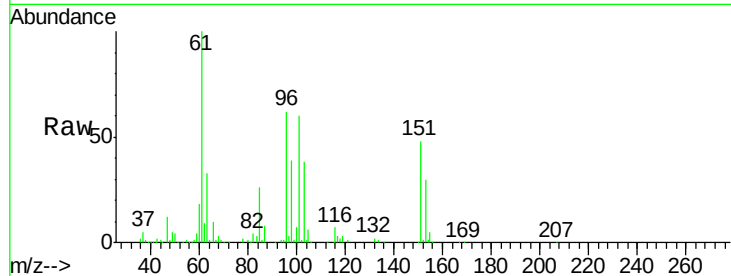
Tgt Ion:101 Resp: 98558

Ion Ratio Lower Upper

101 100

85 44.3 36.0 54.0

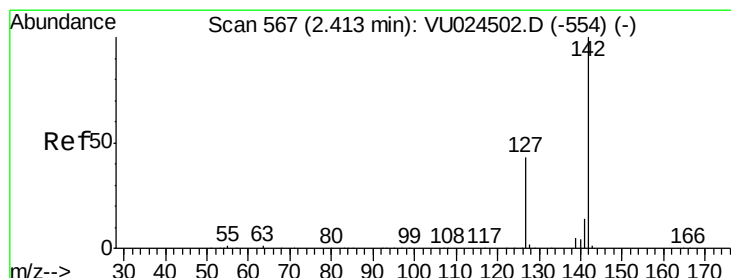
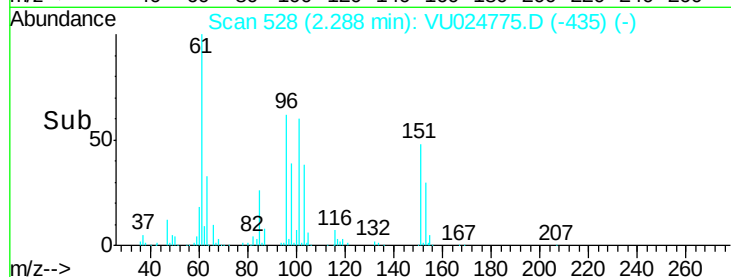
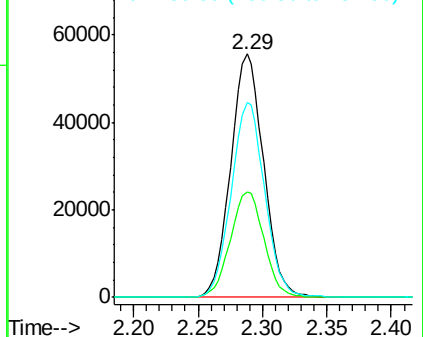
151 81.6 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.701 ug/l

RT: 2.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

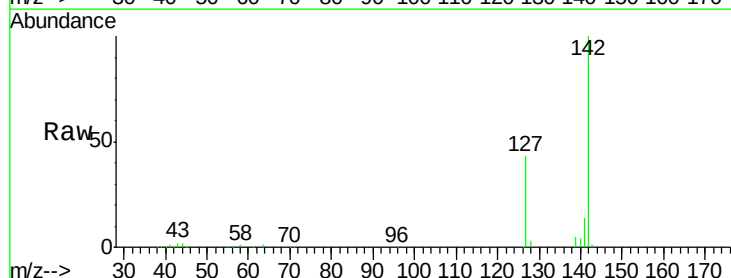
Tgt Ion:142 Resp: 89722

Ion Ratio Lower Upper

142 100

127 43.2 35.6 53.4

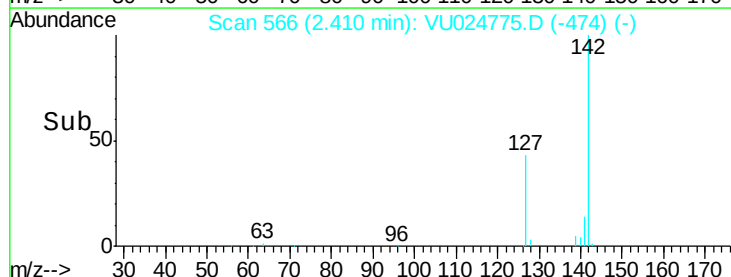
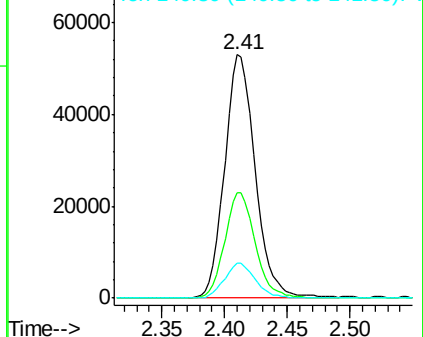
141 14.4 11.7 17.5

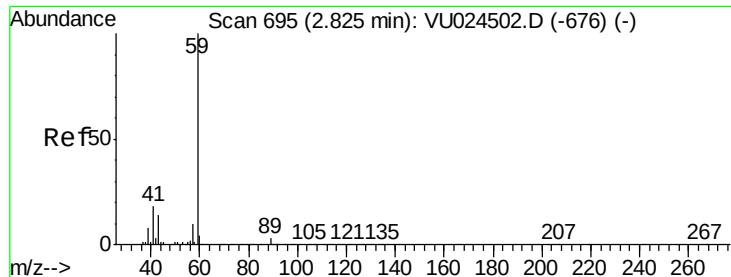


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

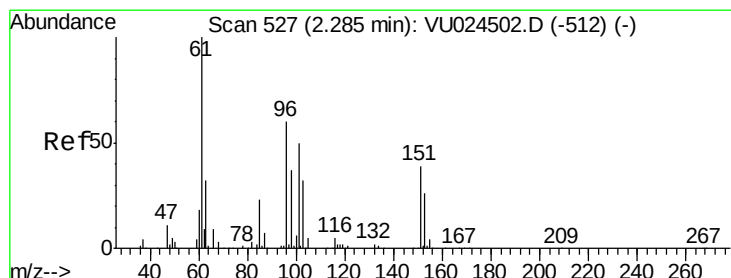
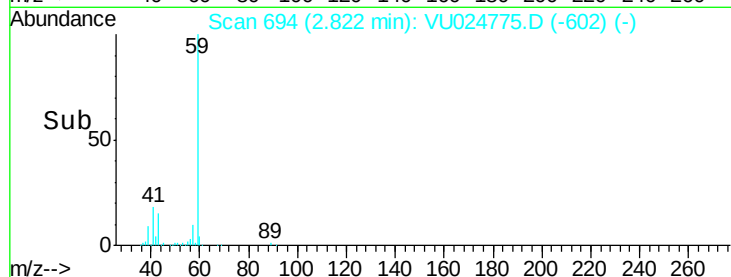
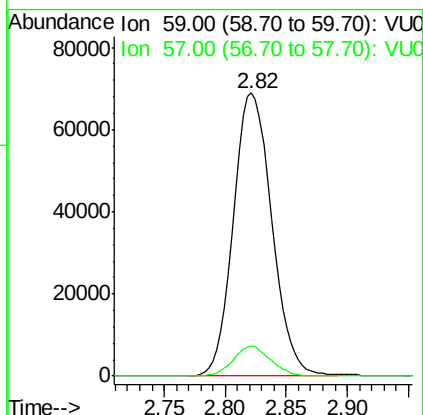
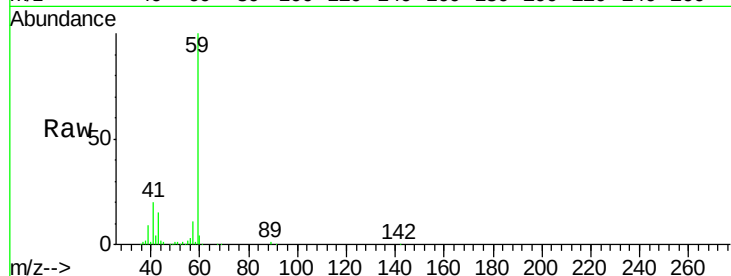




#11
Tert butyl alcohol
Concen: 212.106 ug/l
RT: 2.82 min Scan# 694
Delta R.T. -0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

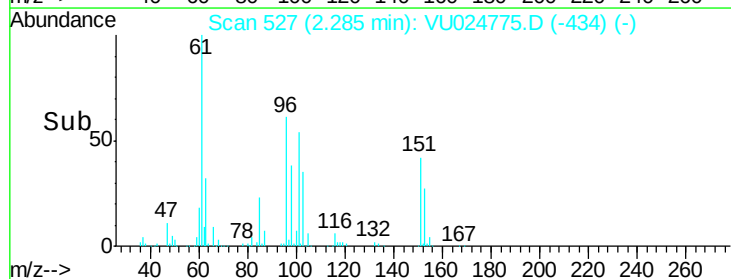
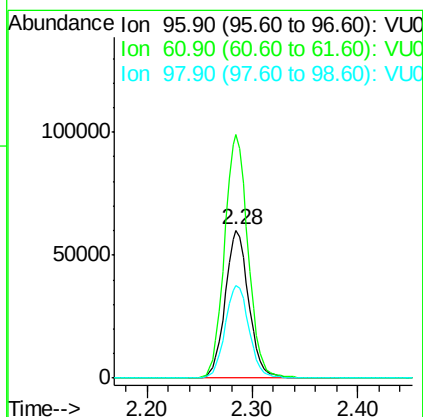
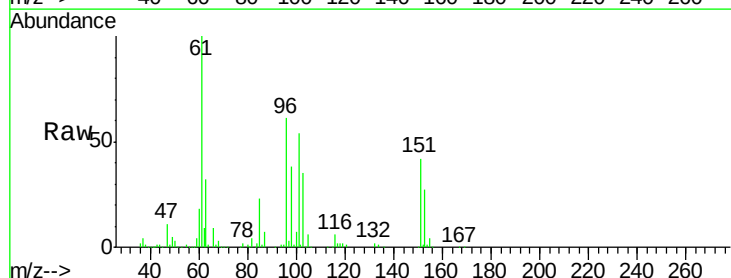
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

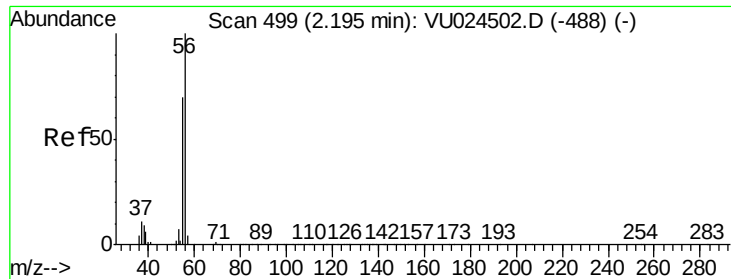
Tgt Ion: 59 Resp: 150764
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7



#12
1,1-Dichloroethene
Concen: 45.608 ug/l
RT: 2.28 min Scan# 527
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Tgt Ion: 96 Resp: 92969
Ion Ratio Lower Upper
96 100
61 164.4 141.7 212.5
98 62.6 51.6 77.4

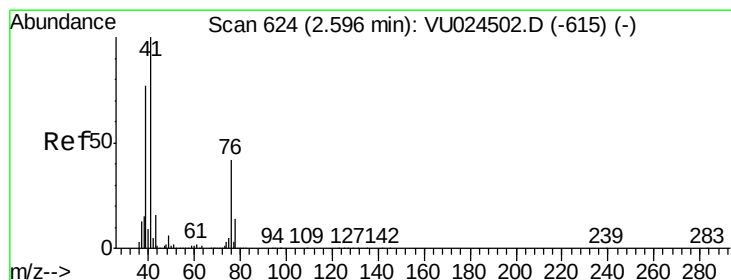
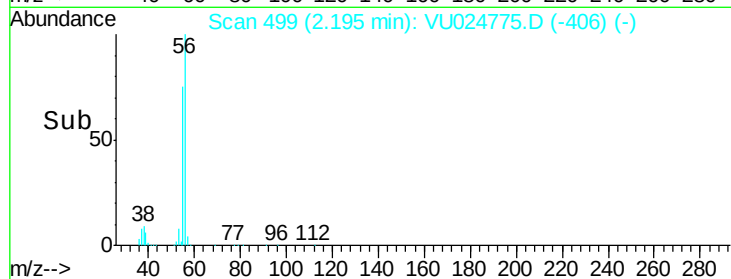
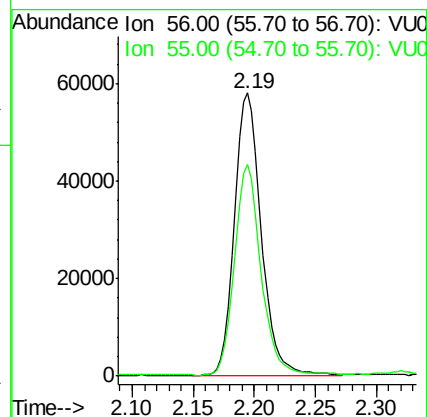
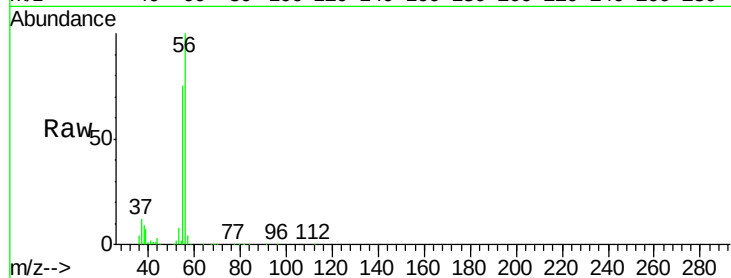




#13
 Acrolein
 Concen: 239.634 ug/l
 RT: 2.19 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

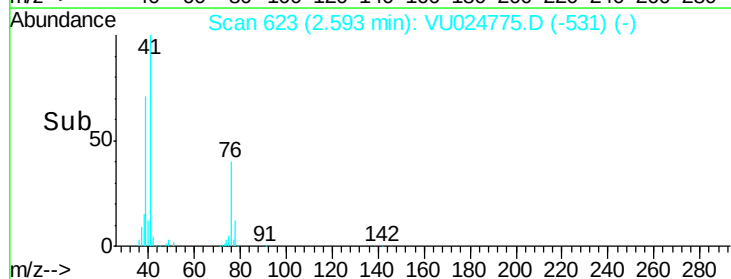
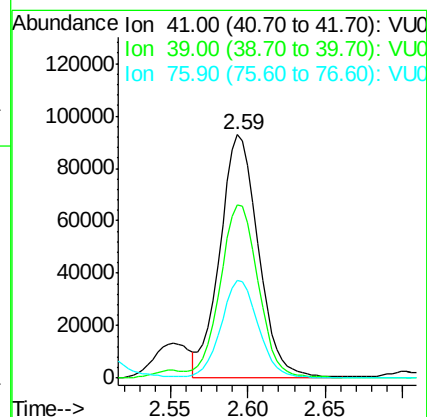
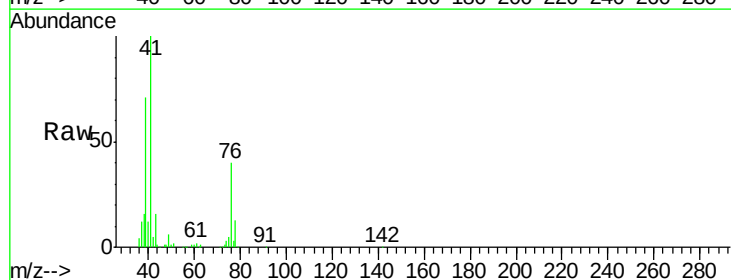
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

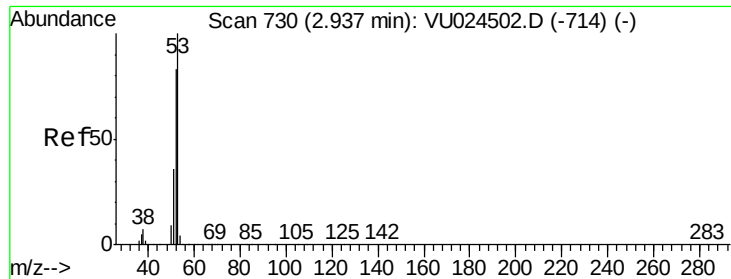
Tgt Ion: 56 Resp: 89445
 Ion Ratio Lower Upper
 56 100
 55 72.8 58.4 87.6



#14
 Allyl chloride
 Concen: 42.040 ug/l
 RT: 2.59 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Tgt Ion: 41 Resp: 159113
 Ion Ratio Lower Upper
 41 100
 39 71.2 61.6 92.4
 76 39.2 29.7 44.5





#15

Acrylonitrile

Concen: 244.453 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

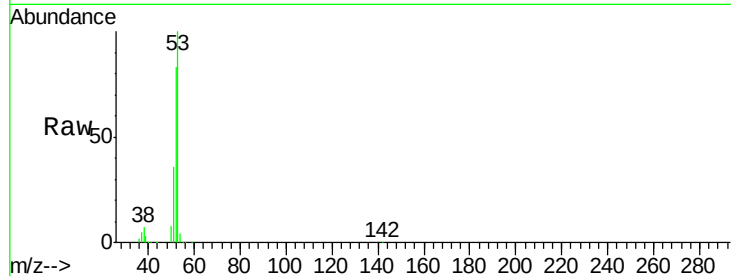
Tgt Ion: 53 Resp: 338062

Ion Ratio Lower Upper

53 100

52 83.1 67.1 100.7

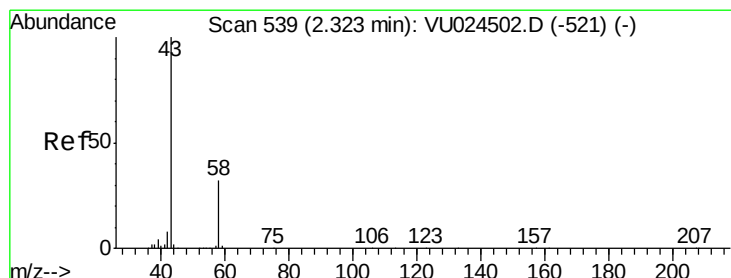
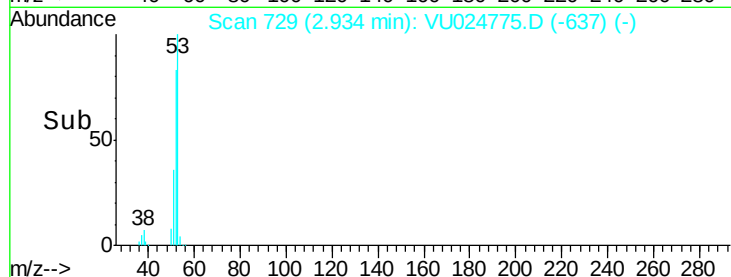
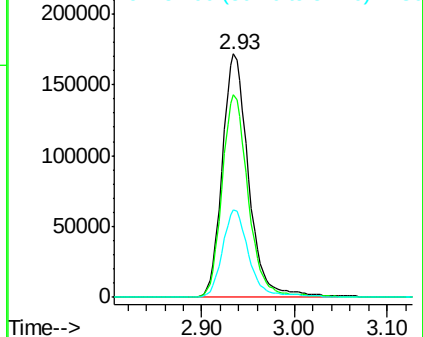
51 36.5 28.4 42.6



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: 194.442 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024775.D

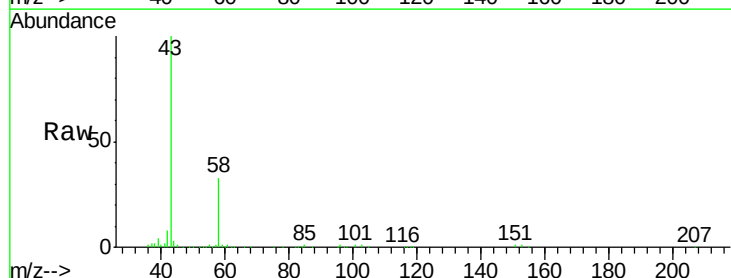
Acq: 20 Jun 2018 22:47

Tgt Ion: 43 Resp: 305332

Ion Ratio Lower Upper

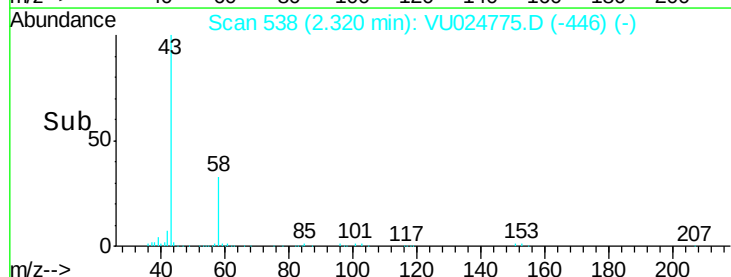
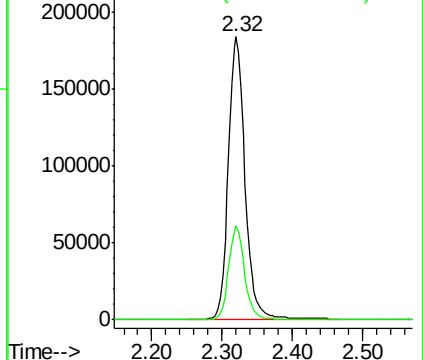
43 100

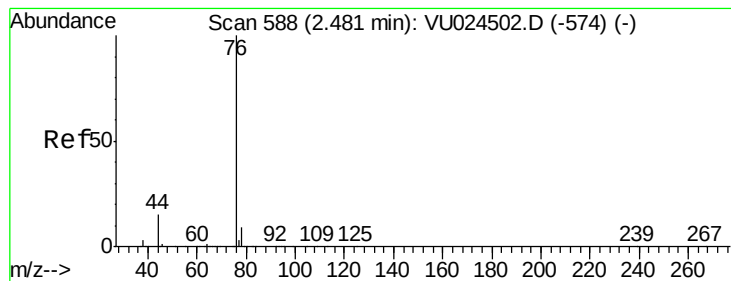
58 33.0 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 42.425 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

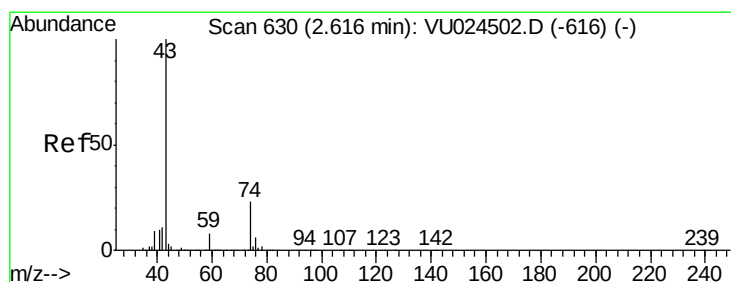
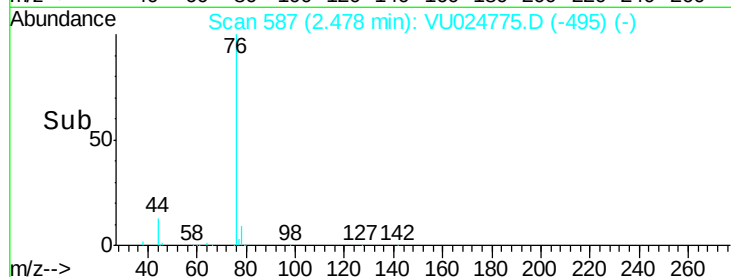
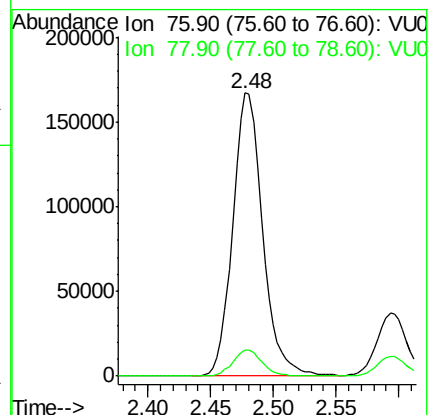
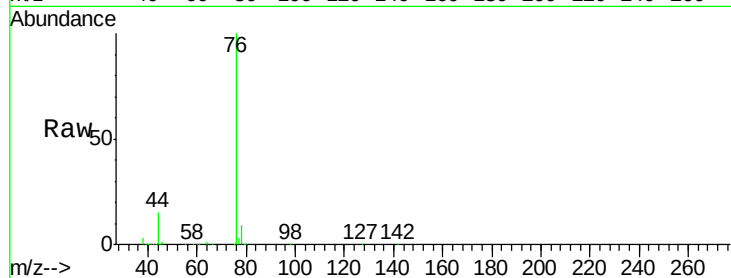
VSTDCCC050

Tgt Ion: 76 Resp: 276911

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7



#18

Methyl Acetate

Concen: 52.737 ug/l

RT: 2.61 min Scan# 629

Delta R.T. -0.00 min

Lab File: VU024775.D

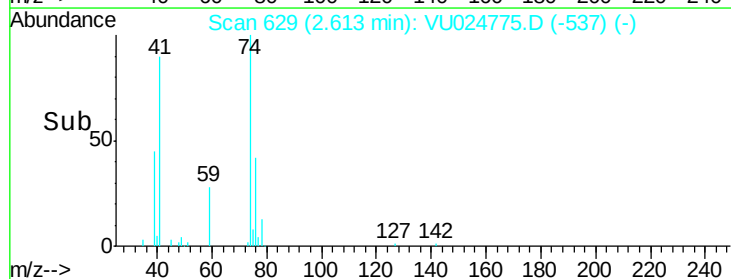
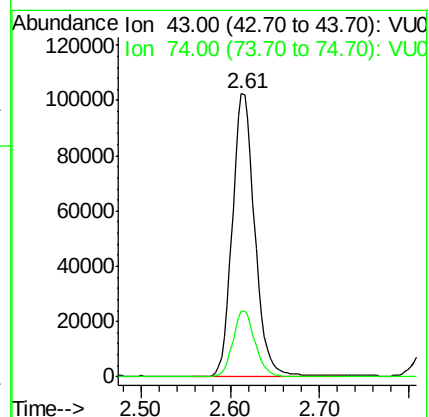
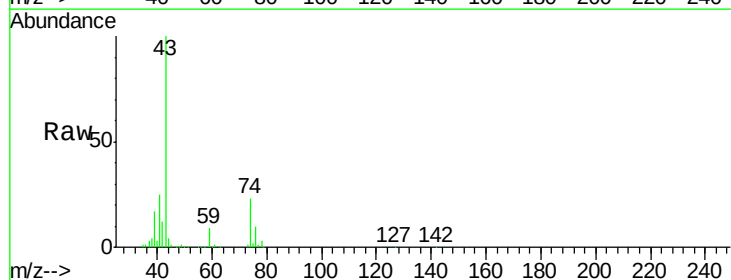
Acq: 20 Jun 2018 22:47

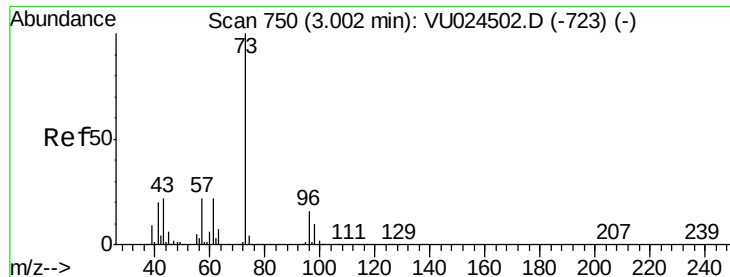
Tgt Ion: 43 Resp: 177532

Ion Ratio Lower Upper

43 100

74 23.2 18.0 27.0



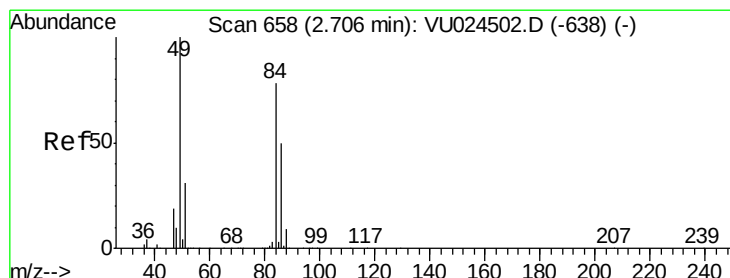
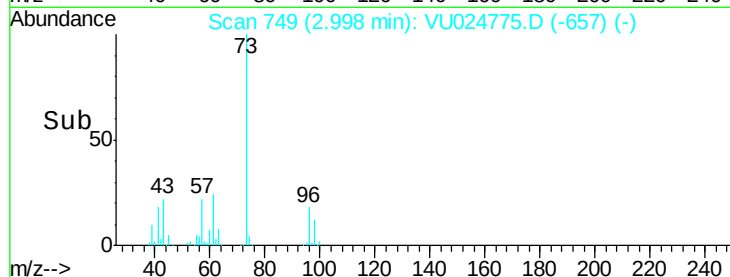
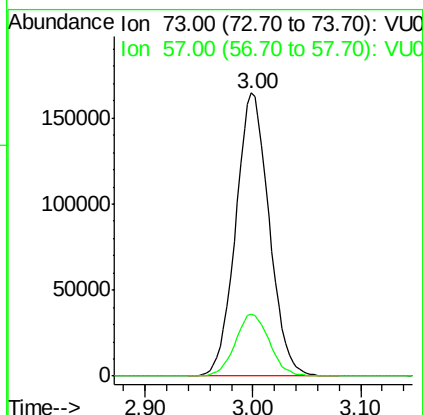
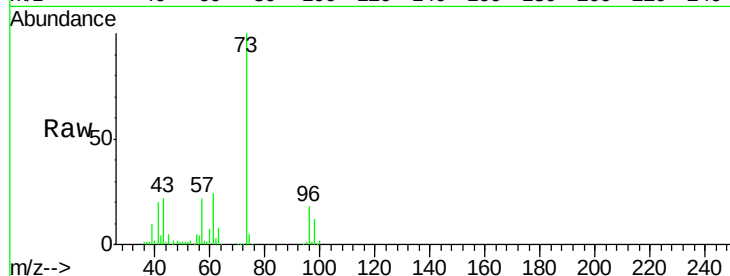


#19

Methyl tert-butyl Ether
 Concen: 46.357 ug/l
 RT: 3.00 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

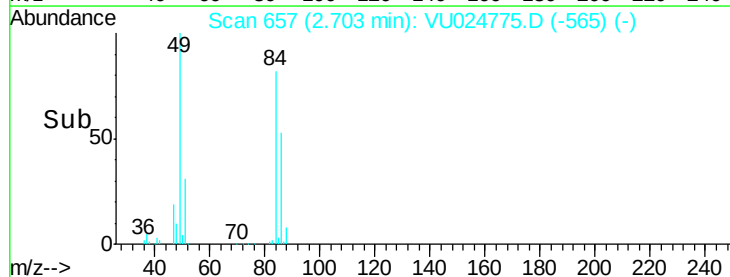
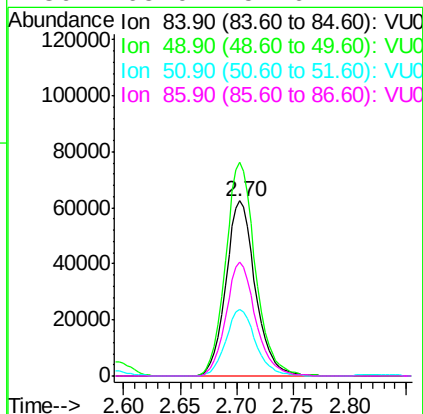
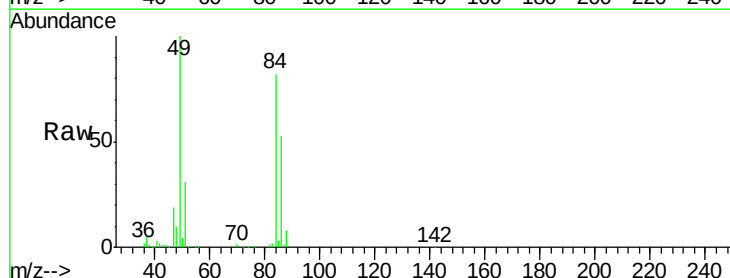
Tgt Ion: 73 Resp: 355205
 Ion Ratio Lower Upper
 73 100
 57 21.9 18.8 28.2

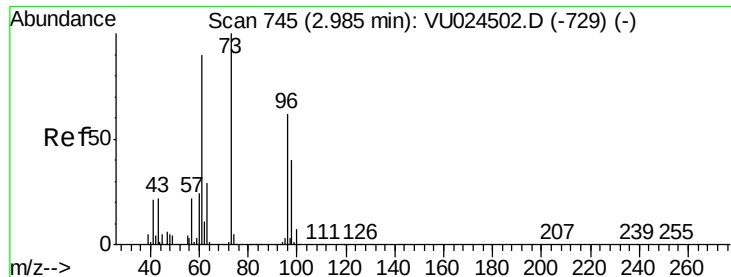


#20

Methylene Chloride
 Concen: 45.907 ug/l
 RT: 2.70 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Tgt Ion: 84 Resp: 113111
 Ion Ratio Lower Upper
 84 100
 49 122.0 103.8 155.8
 51 38.1 32.0 48.0
 86 65.0 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 45.648 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

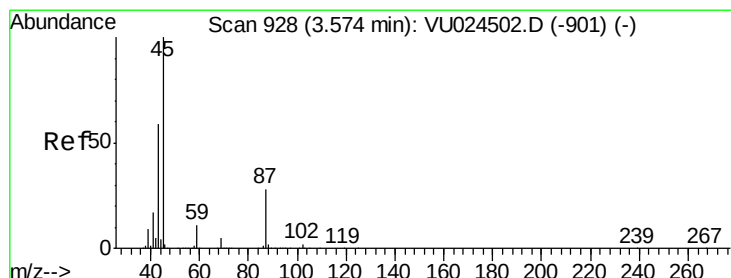
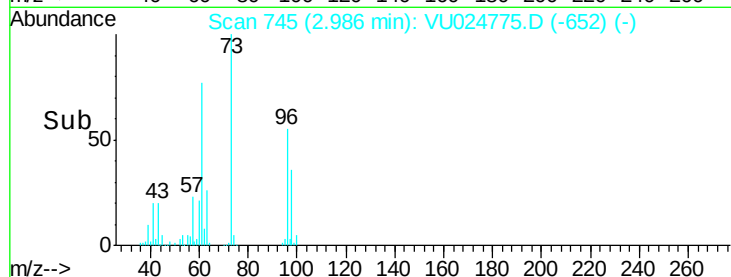
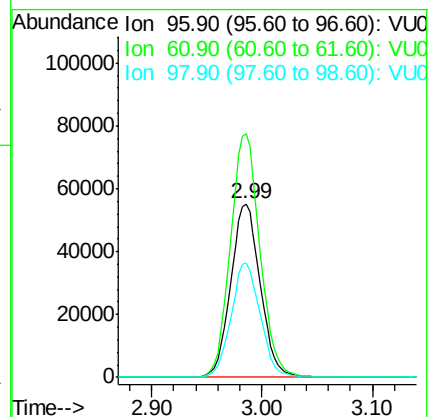
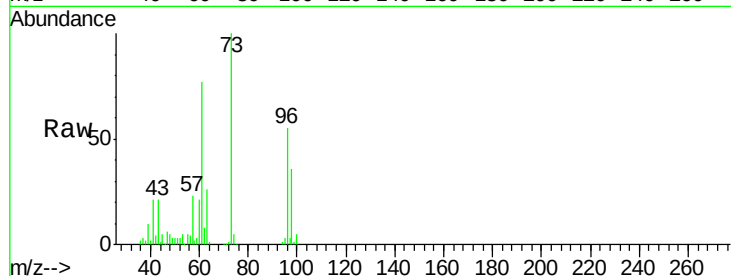
Tgt Ion: 96 Resp: 102486

Ion Ratio Lower Upper

96 100

61 140.1 119.4 179.0

98 65.6 51.1 76.7



#22

Diisopropyl ether

Concen: 47.741 ug/l

RT: 3.57 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Tgt Ion: 45 Resp: 358194

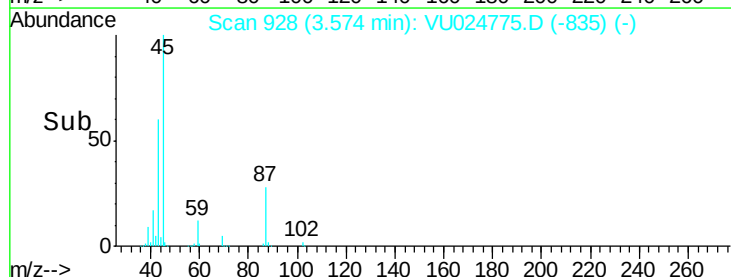
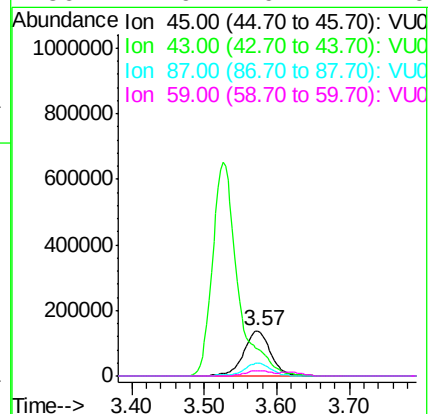
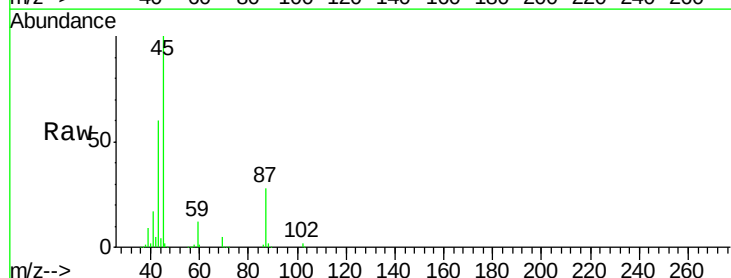
Ion Ratio Lower Upper

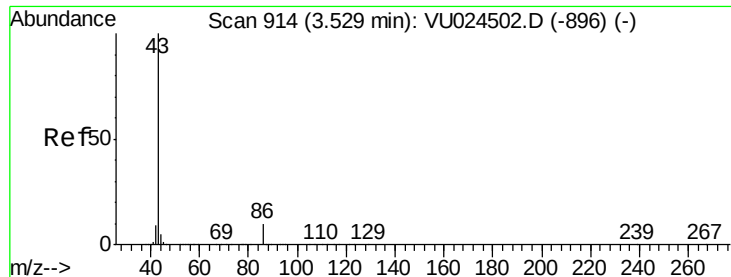
45 100

43 58.9 45.8 68.6

87 28.1 20.6 31.0

59 11.9 9.4 14.0





#23

Vinyl Acetate

Concen: 234.995 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

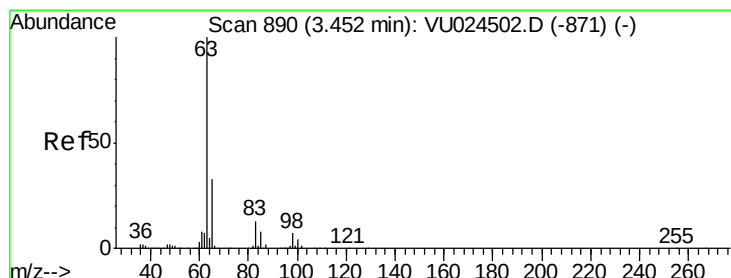
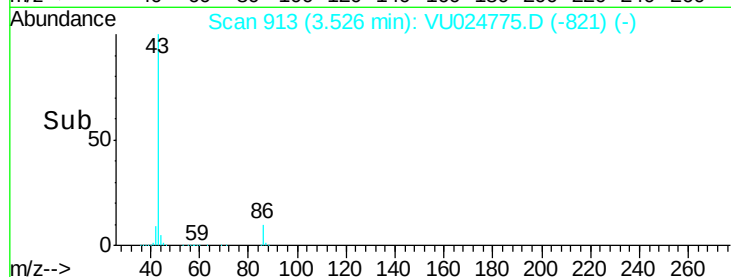
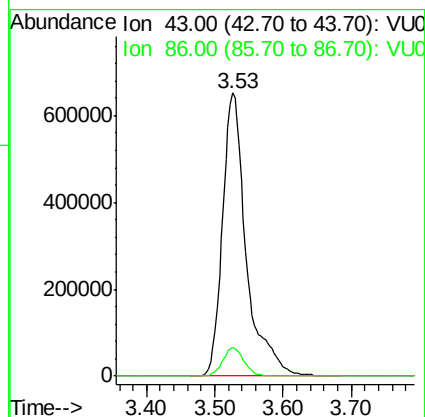
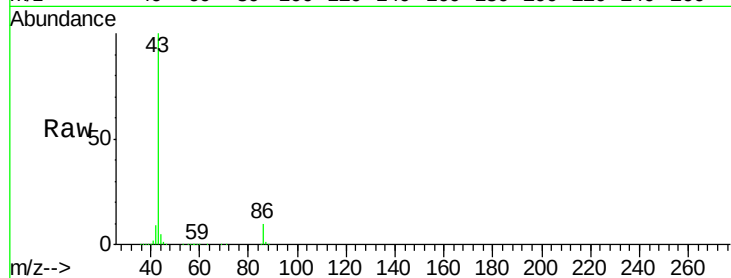
VSTDCCC050

Tgt Ion: 43 Resp: 1579399

Ion Ratio Lower Upper

43 100

86 9.9 7.8 11.8



#24

1,1-Dichloroethane

Concen: 46.621 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

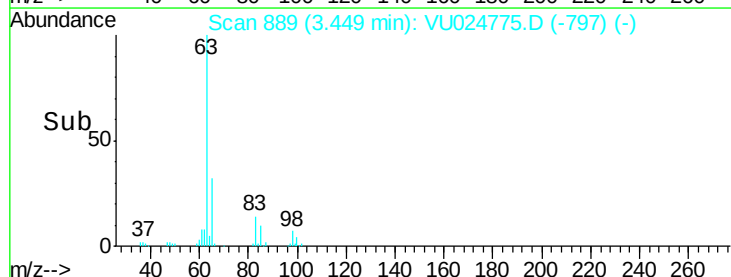
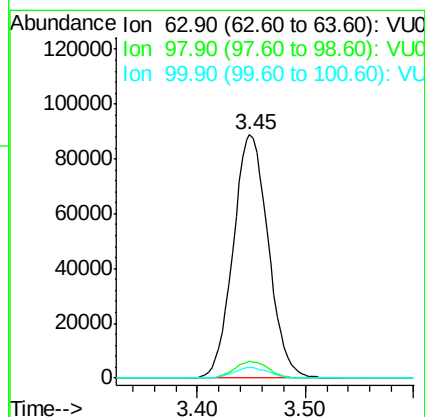
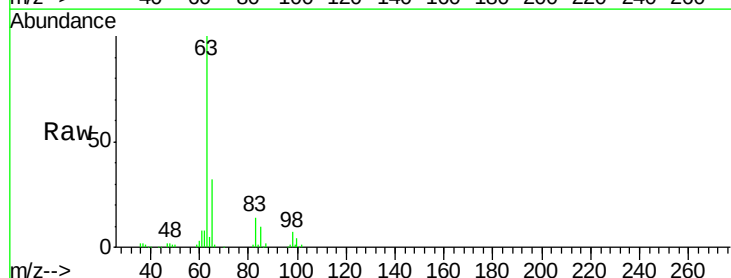
Tgt Ion: 63 Resp: 201224

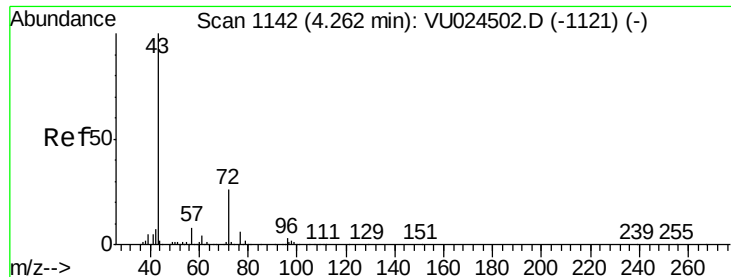
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

100 4.3 1.8 5.5

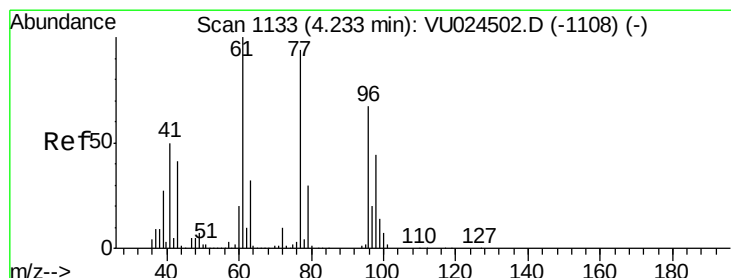
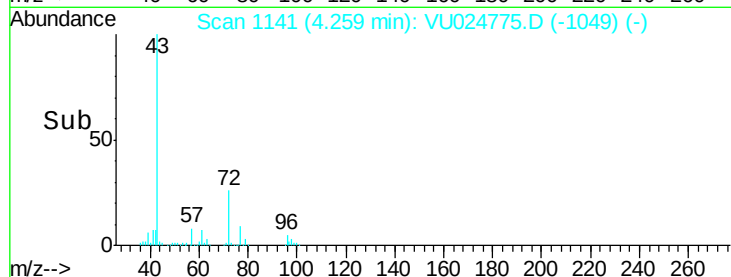
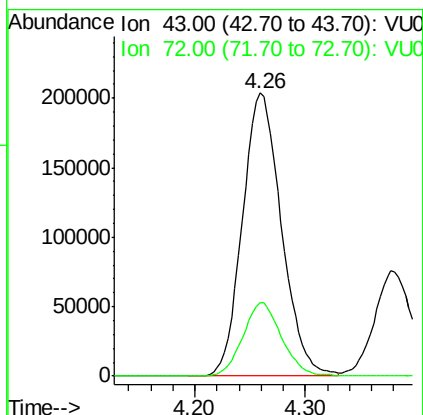
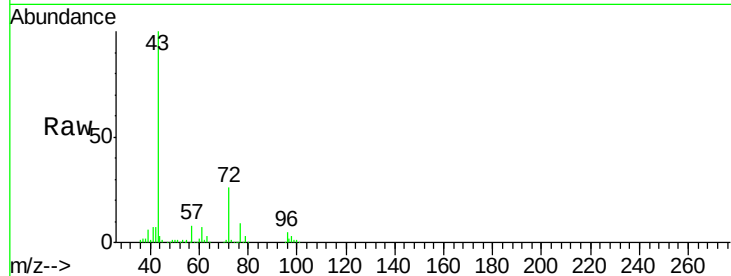




#25
 2-Butanone
 Concen: 235.825 ug/l
 RT: 4.26 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

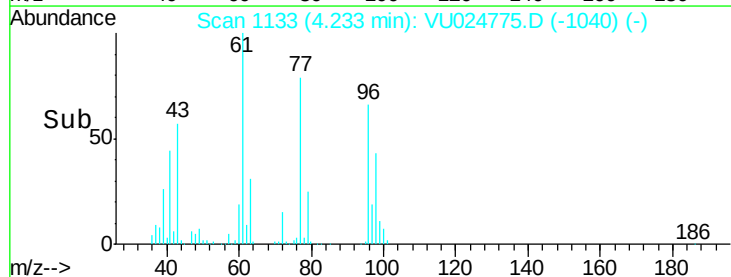
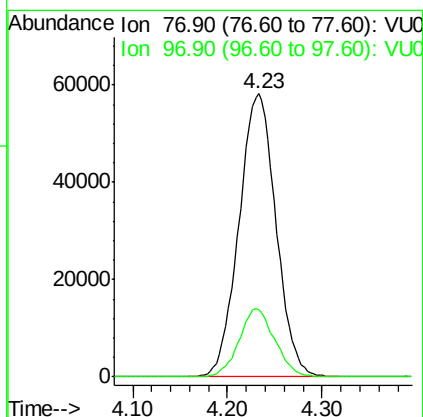
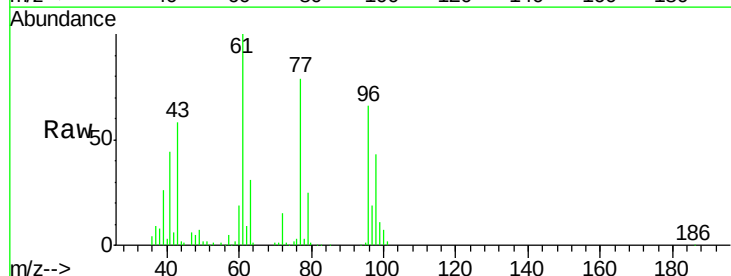
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

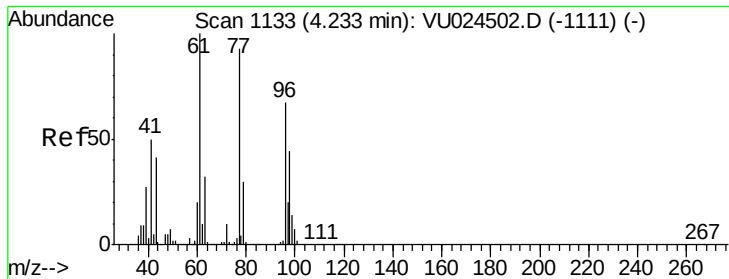
Tgt Ion: 43 Resp: 497417
 Ion Ratio Lower Upper
 43 100
 72 25.8 19.6 29.4



#26
 2,2-Dichloropropane
 Concen: 38.539 ug/l
 RT: 4.23 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Tgt Ion: 77 Resp: 157949
 Ion Ratio Lower Upper
 77 100
 97 23.3 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 46.843 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

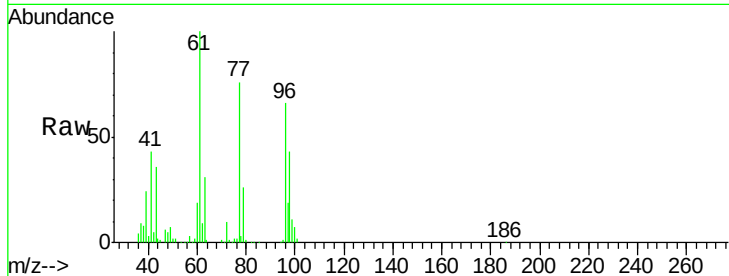
Tgt Ion: 96 Resp: 120909

Ion Ratio Lower Upper

96 100

61 150.2 0.0 306.6

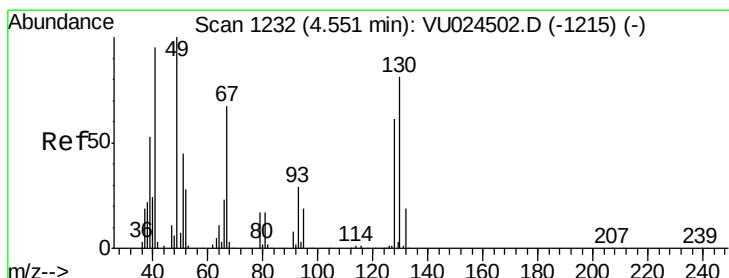
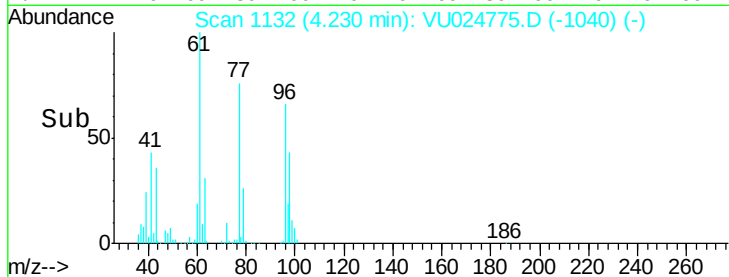
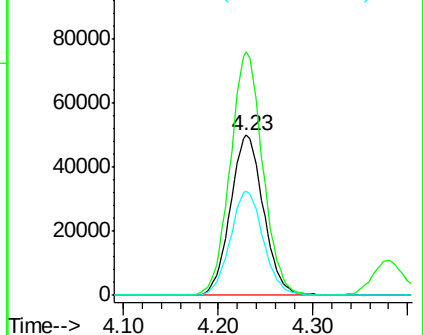
98 65.3 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VU024775.D (-1040) (-)

Ion 60.90 (60.60 to 61.60): VU024775.D (-1040) (-)

Ion 97.90 (97.60 to 98.60): VU024775.D (-1040) (-)



#28

Bromochloromethane

Concen: 43.749 ug/l

RT: 4.55 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

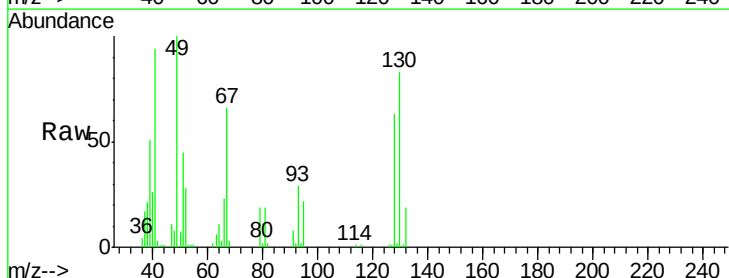
Tgt Ion: 49 Resp: 83172

Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

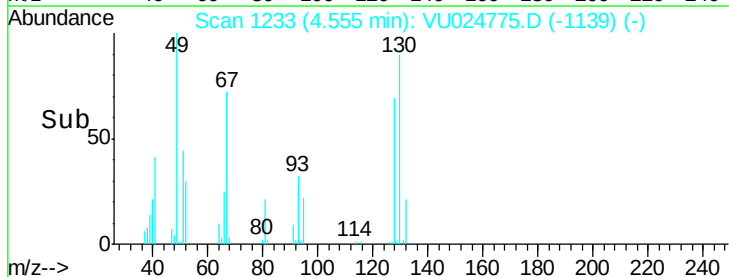
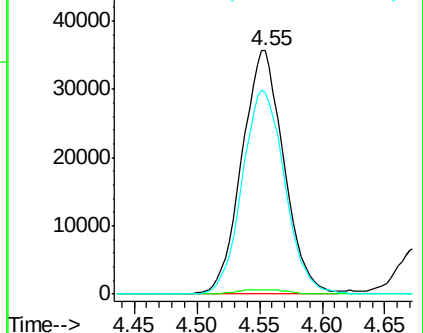
130 84.7 57.8 86.6

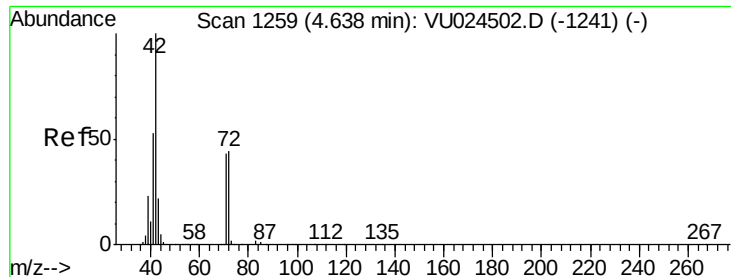


Abundance Ion 48.90 (48.60 to 49.60): VU024775.D (-1139) (-)

Ion 128.80 (128.50 to 129.50): VU024775.D (-1139) (-)

Ion 129.80 (129.50 to 130.50): VU024775.D (-1139) (-)





#29

Tetrahydrofuran

Concen: 241.843 ug/l

RT: 4.64 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

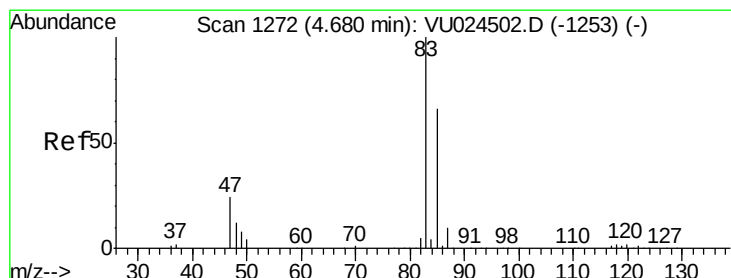
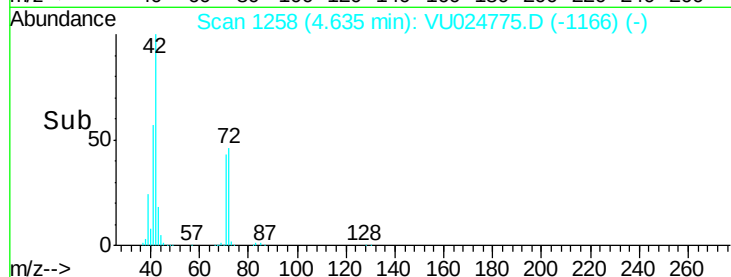
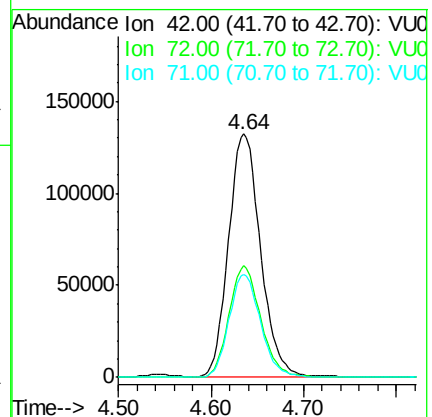
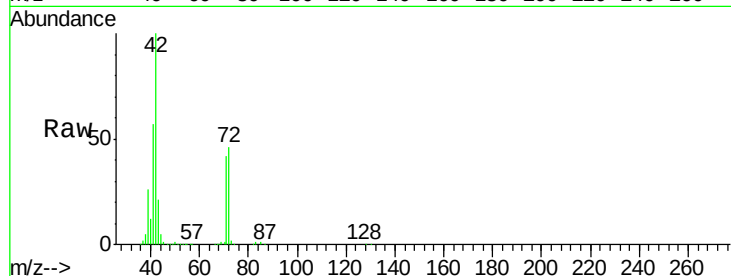
Tgt Ion: 42 Resp: 315894

Ion Ratio Lower Upper

42 100

72 45.5 34.5 51.7

71 41.6 32.2 48.4



#30

Chloroform

Concen: 47.716 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU024775.D

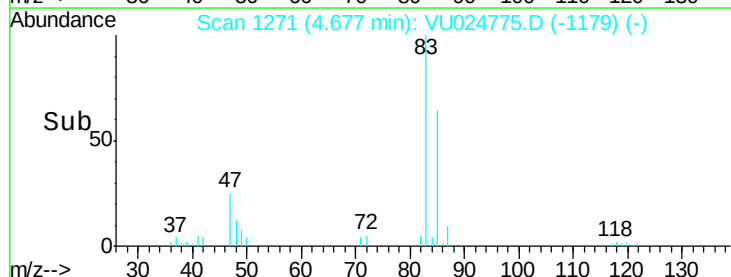
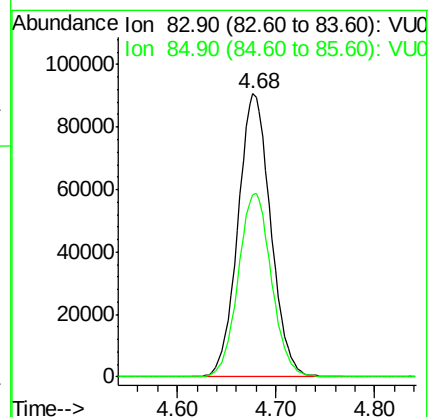
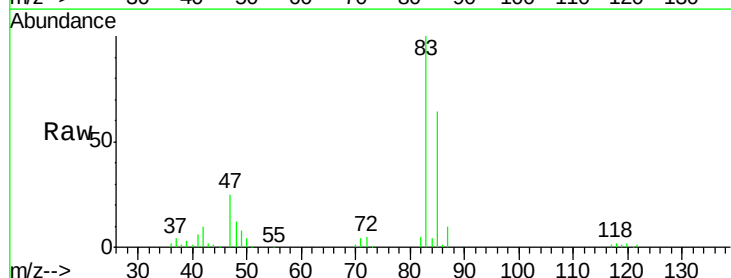
Acq: 20 Jun 2018 22:47

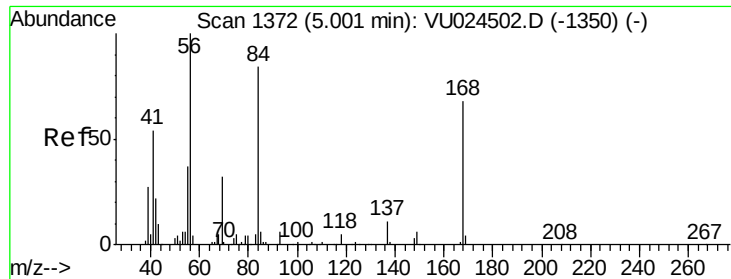
Tgt Ion: 83 Resp: 208454

Ion Ratio Lower Upper

83 100

85 64.2 52.4 78.6

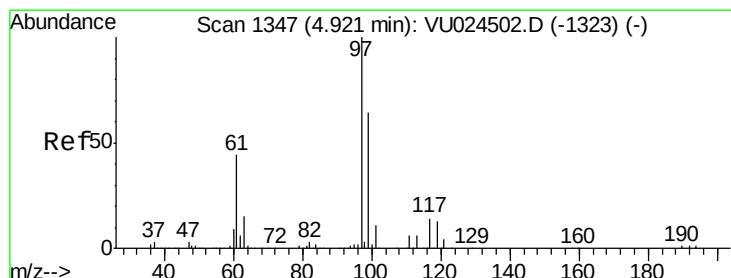
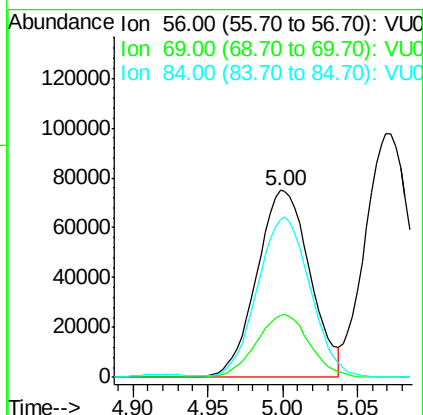
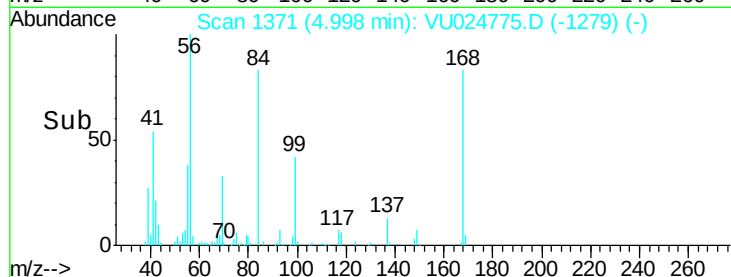
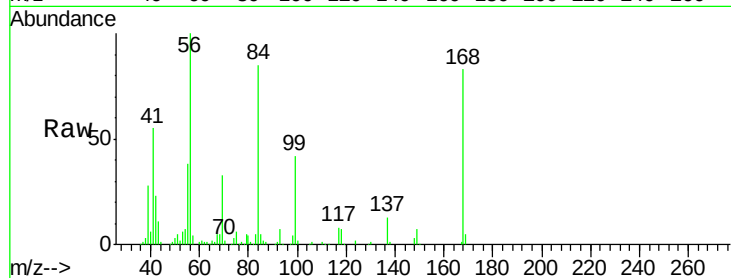




#31
Cyclohexane
Concen: 48.287 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

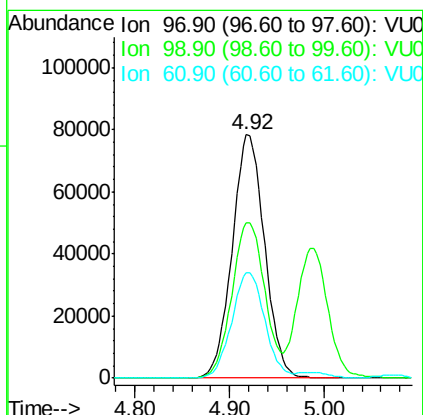
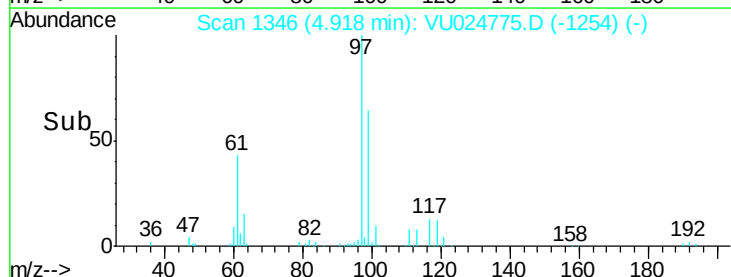
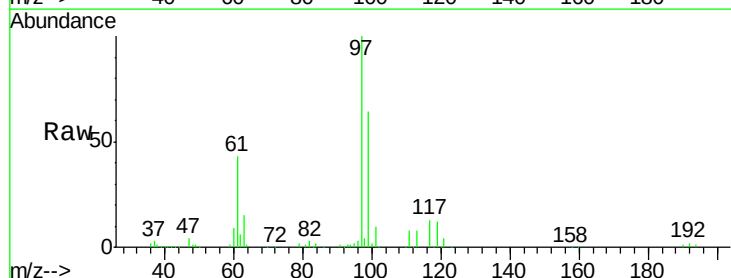
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

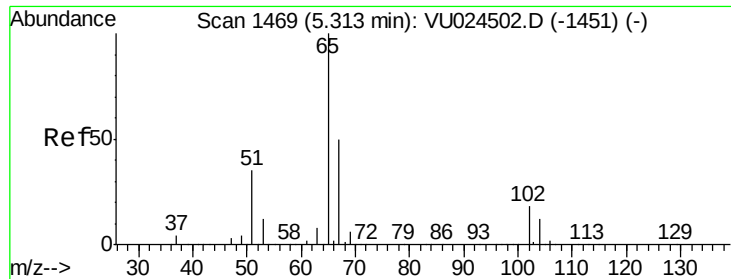
Tgt Ion: 56 Resp: 185340
Ion Ratio Lower Upper
56 100
69 33.2 24.8 37.2
84 83.7 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 46.197 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Tgt Ion: 97 Resp: 186626
Ion Ratio Lower Upper
97 100
99 65.5 51.0 76.6
61 44.1 39.4 59.0

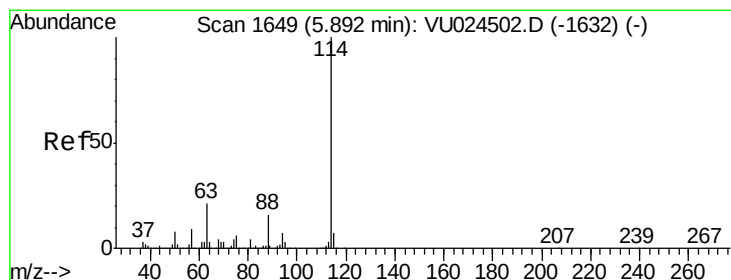
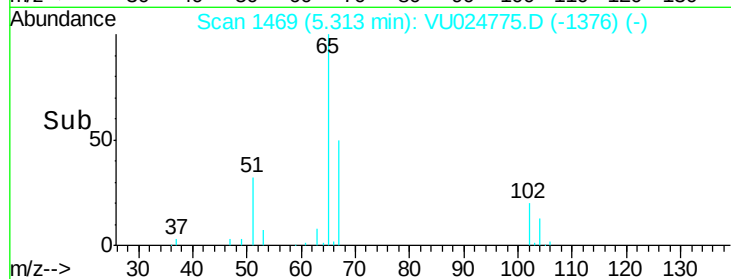
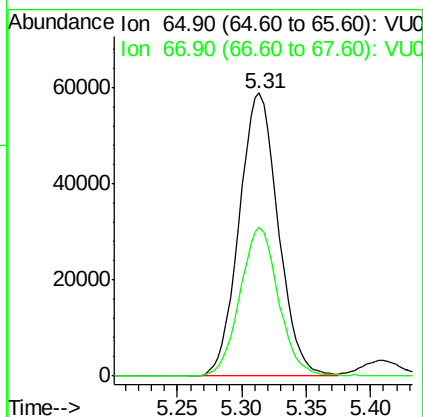
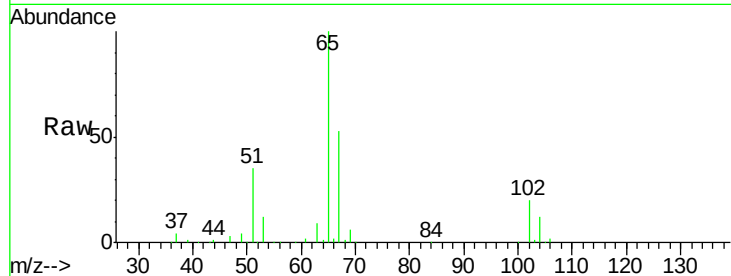




#33
 1,2-Dichloroethane-d4
 Concen: 42.520 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

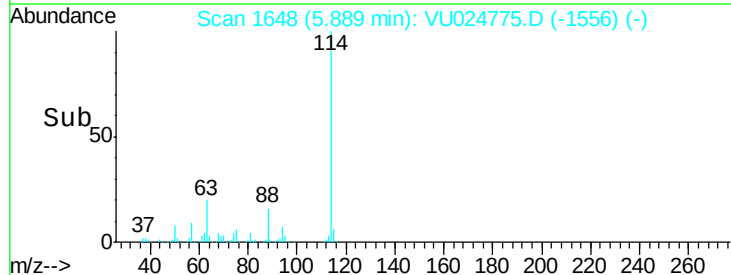
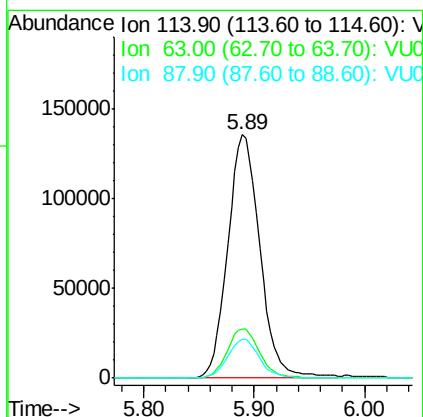
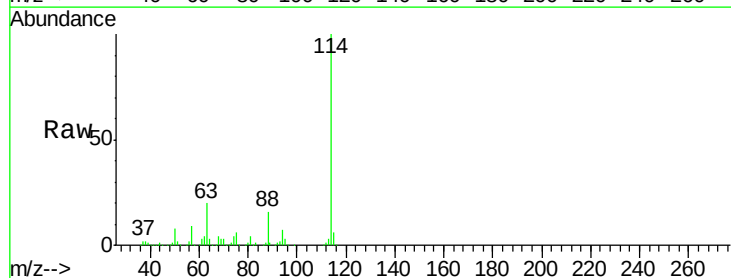
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

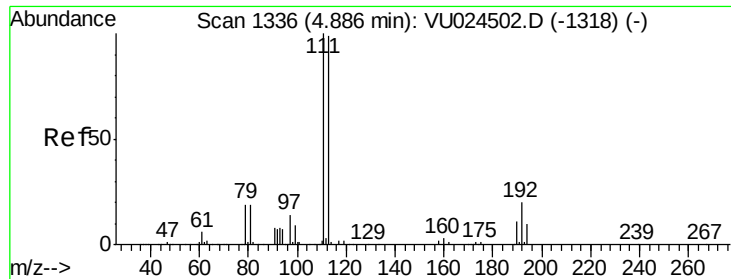
Tgt Ion: 65 Resp: 124268
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Tgt Ion: 114 Resp: 275226
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 45.4
 88 16.0 0.0 31.0

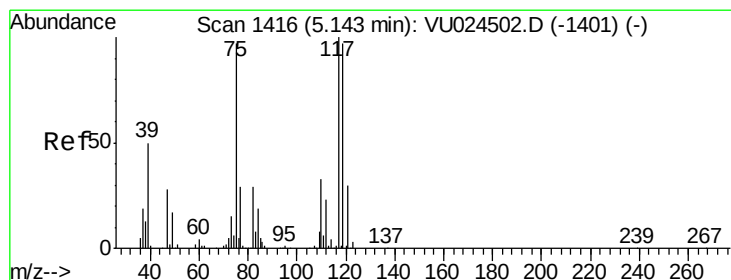
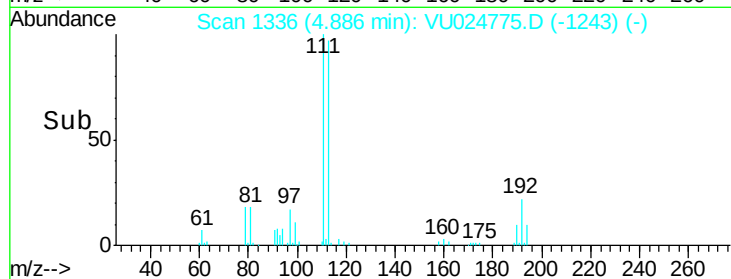
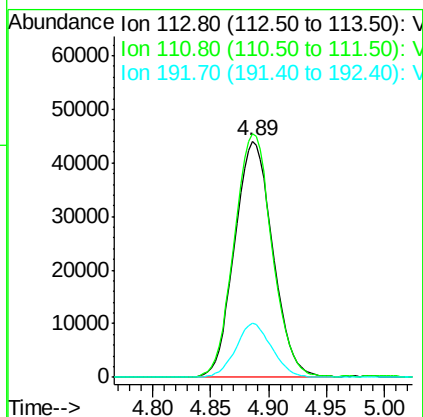
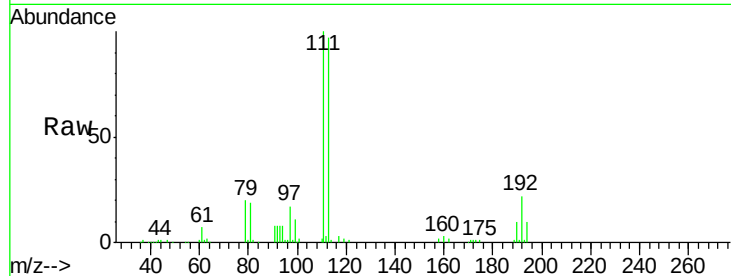




#35
 Dibromofluoromethane
 Concen: 44.242 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

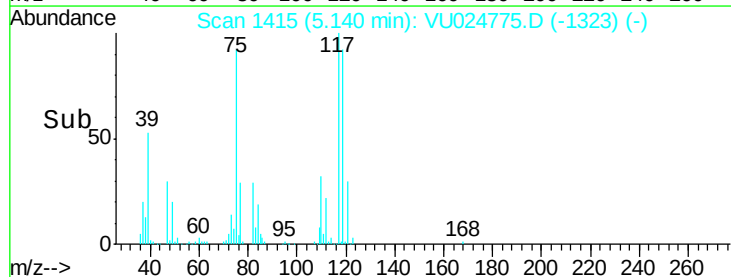
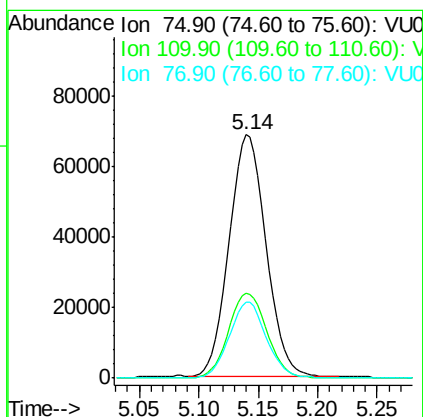
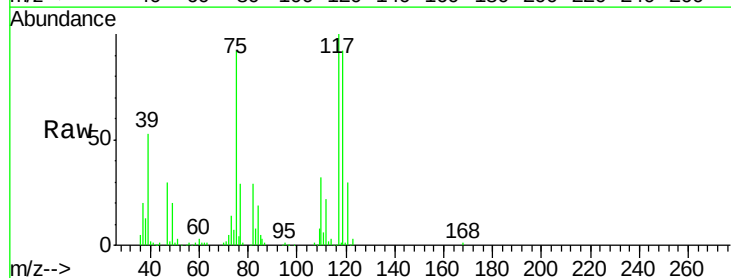
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

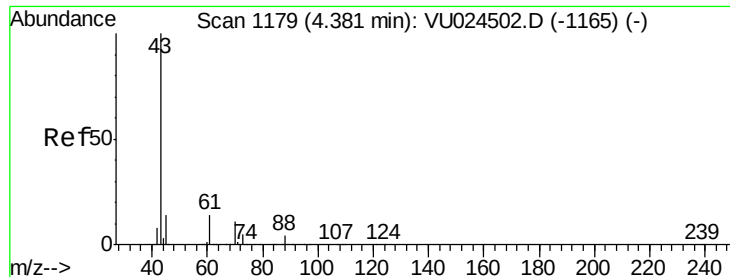
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.4
192	21.6	16.2	24.4



#36
 1,1-Dichloropropene
 Concen: 45.957 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	17.0	50.9
77	30.8	24.2	36.4

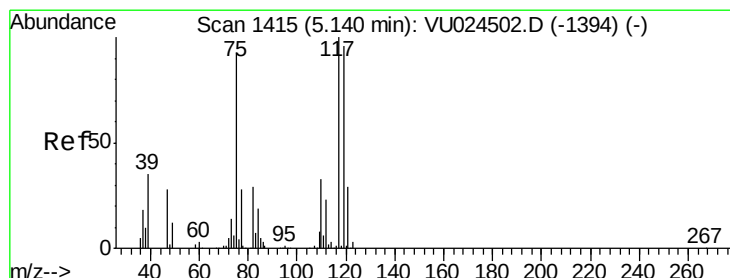
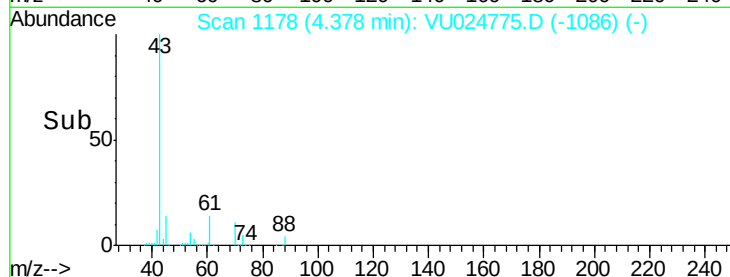
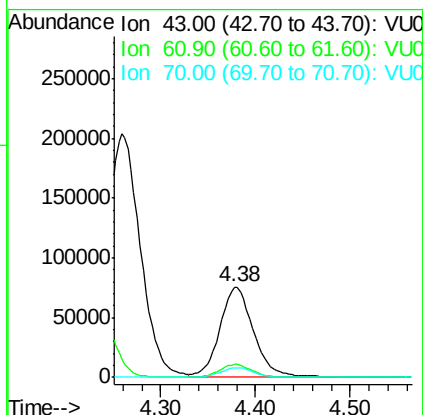
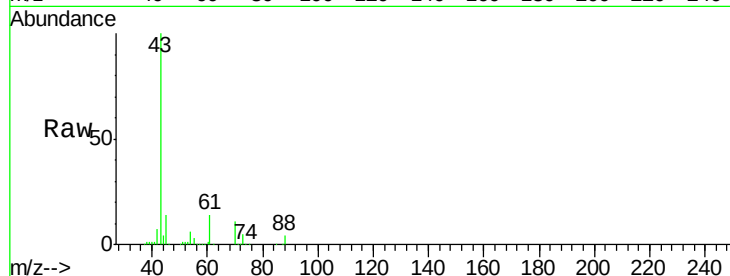




#37
Ethyl Acetate
 Concen: 52.327 ug/l
 RT: 4.38 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

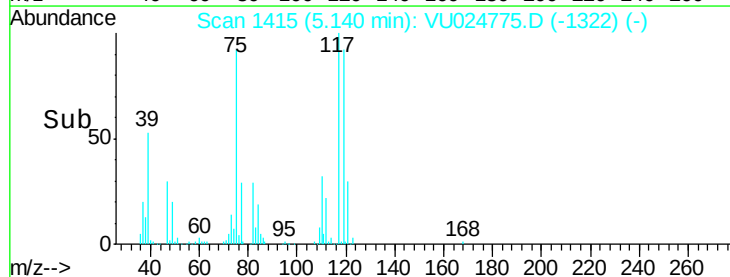
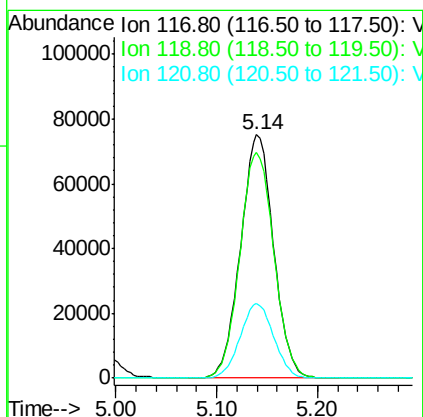
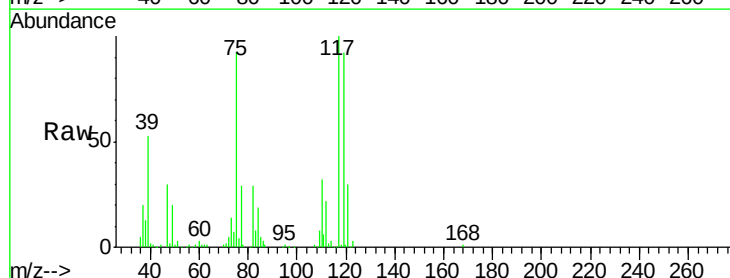
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

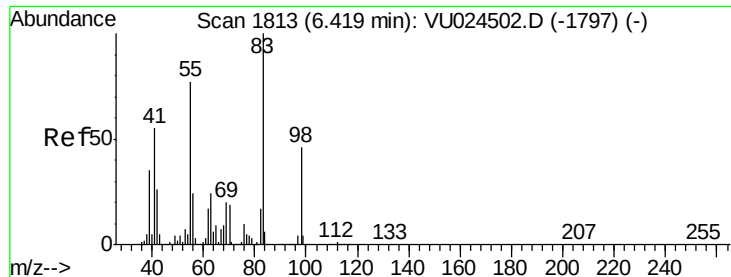
Tgt Ion: 43 Resp: 184450
 Ion Ratio Lower Upper
 43 100
 61 14.2 10.5 15.7
 70 10.8 7.4 11.2



#38
Carbon Tetrachloride
 Concen: 47.749 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Tgt Ion: 117 Resp: 169817
 Ion Ratio Lower Upper
 117 100
 119 92.5 76.1 114.1
 121 30.4 23.7 35.5

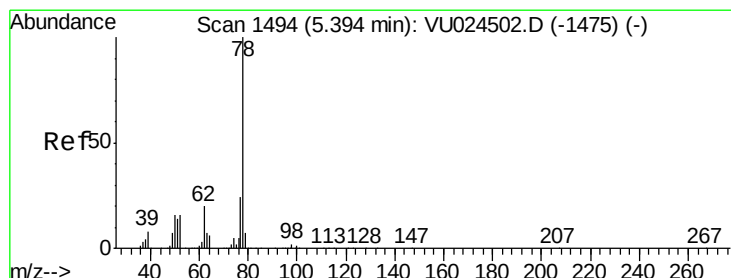
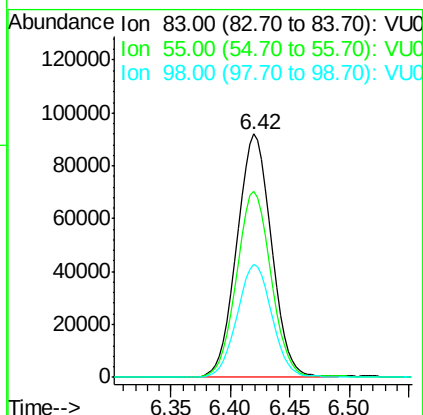
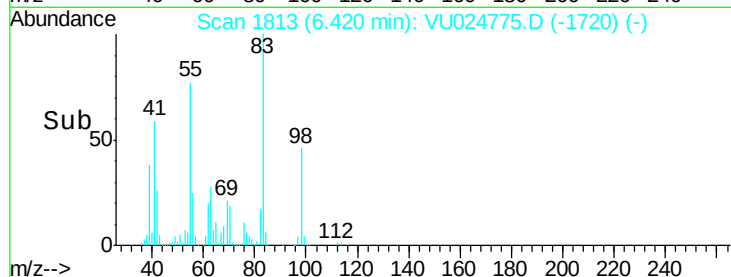
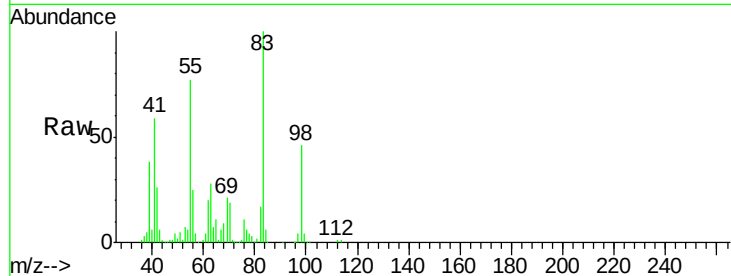




#39
Methylcyclohexane
Concen: 46.181 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

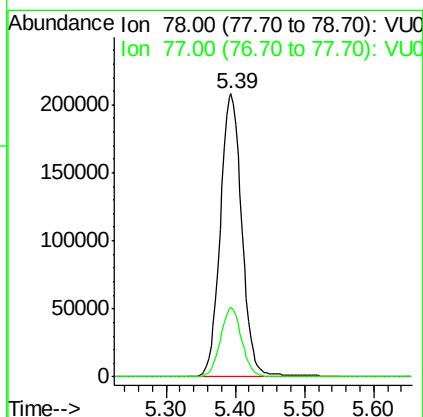
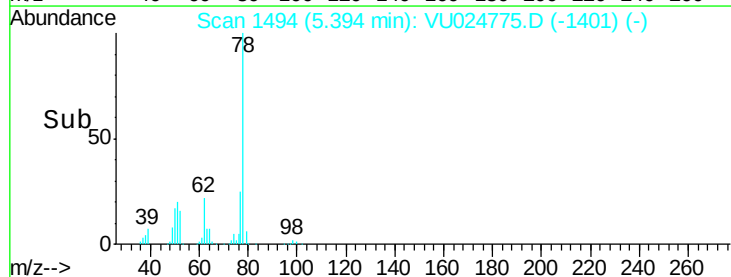
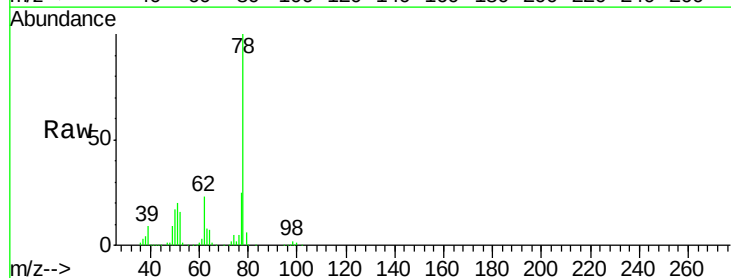
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

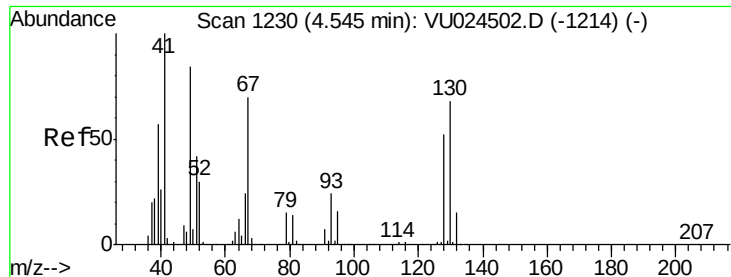
Tgt Ion: 83 Resp: 186385
Ion Ratio Lower Upper
83 100
55 76.4 65.8 98.6
98 46.2 36.7 55.1



#40
Benzene
Concen: 48.981 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Tgt Ion: 78 Resp: 451383
Ion Ratio Lower Upper
78 100
77 24.8 19.2 28.8

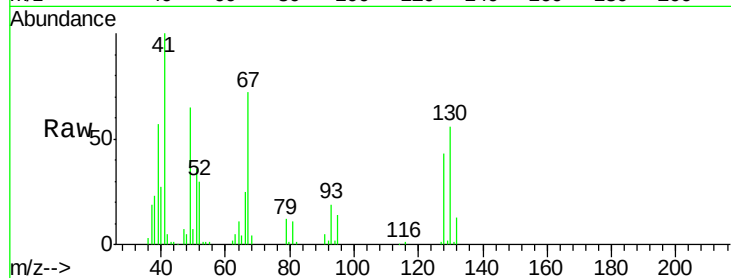




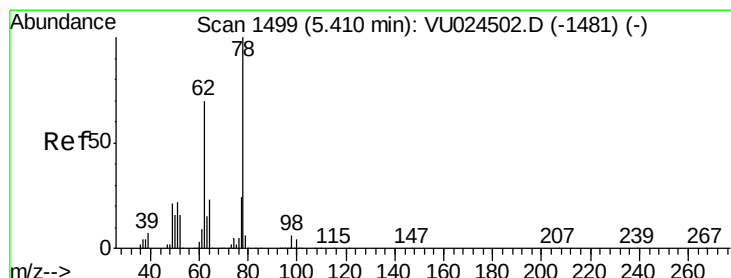
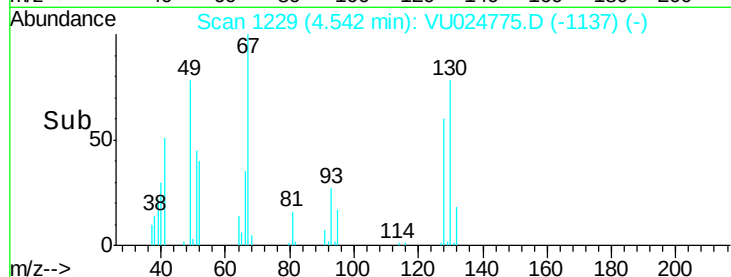
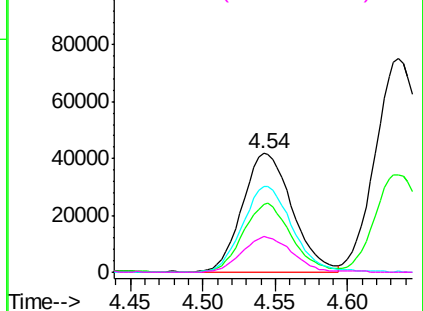
#41
Methacrylonitrile
Concen: 52.456 ug/l
RT: 4.54 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	99694
Ion	Ratio	Lower	Upper
41	100		
39	55.5	43.8	65.6
67	72.8	56.3	84.5
52	30.3	23.2	34.8

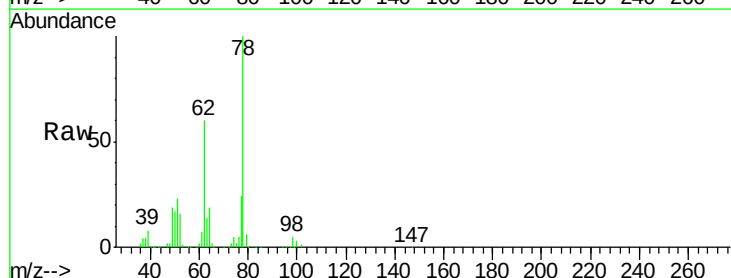


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

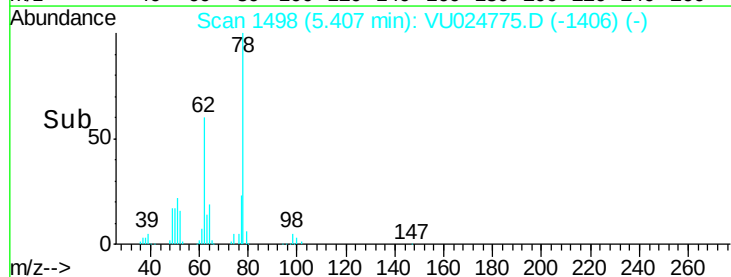
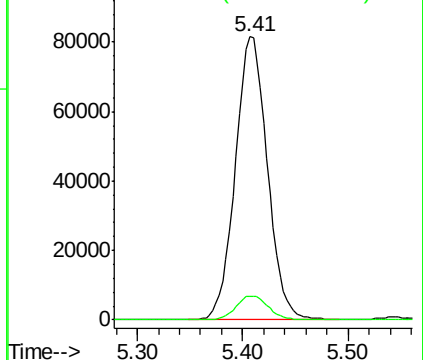


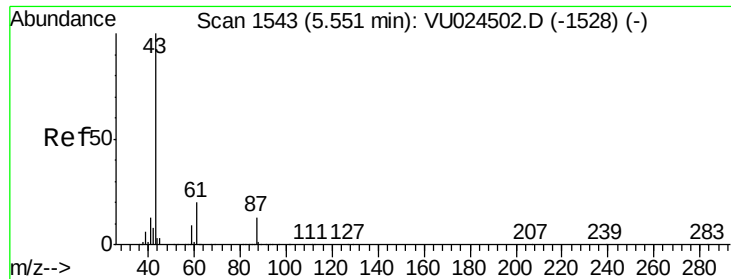
#42
1,2-Dichloroethane
Concen: 49.070 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Tgt Ion:	62	Resp:	172229
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.6



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

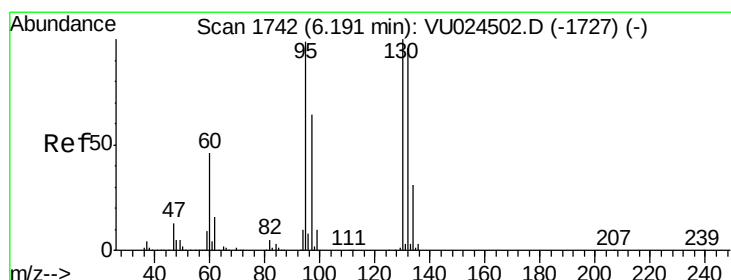
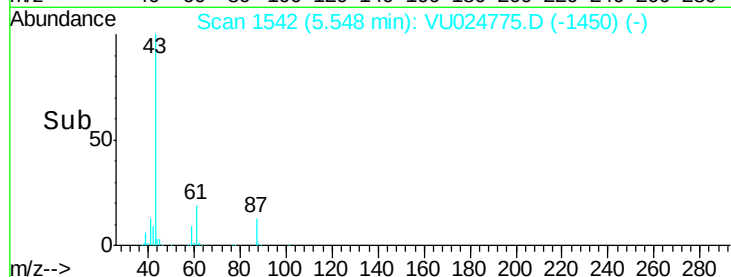
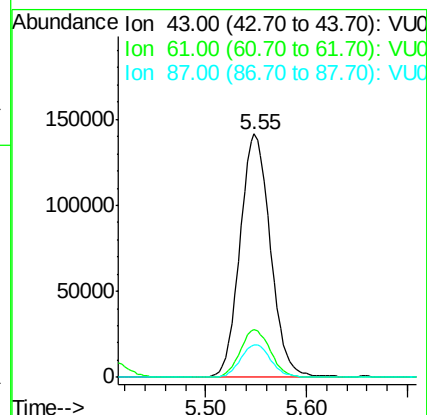
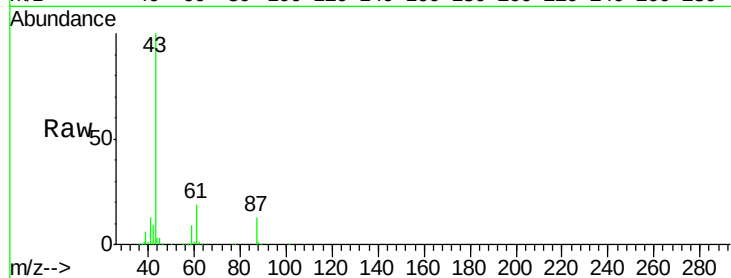




#43
Isopropyl Acetate
Concen: 48.350 ug/l
RT: 5.55 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

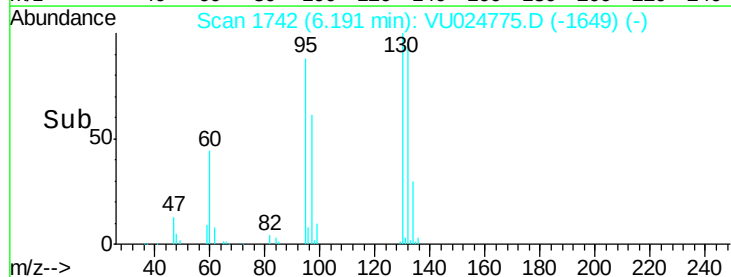
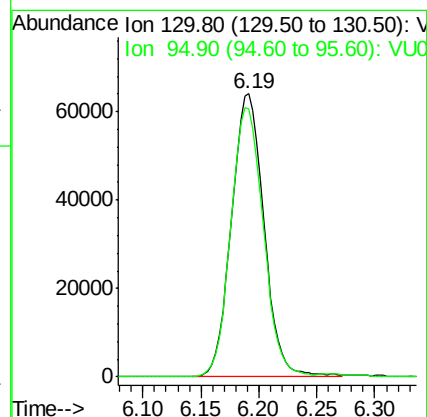
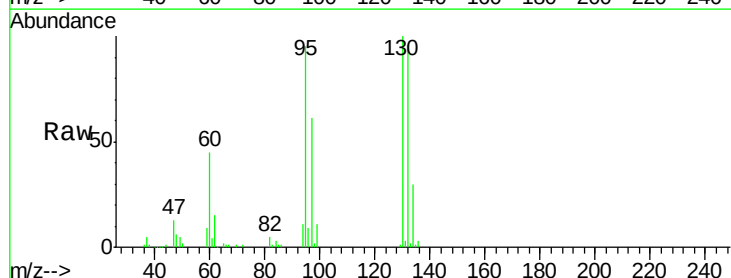
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

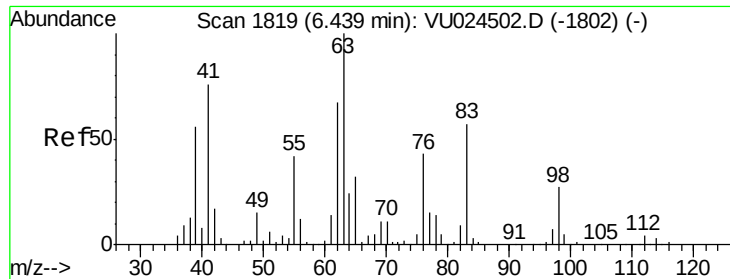
Tgt Ion: 43 Resp: 294597
Ion Ratio Lower Upper
43 100
61 19.6 15.4 23.0
87 13.3 10.0 15.0



#44
Trichloroethene
Concen: 47.324 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Tgt Ion: 130 Resp: 124117
Ion Ratio Lower Upper
130 100
95 94.7 0.0 202.4

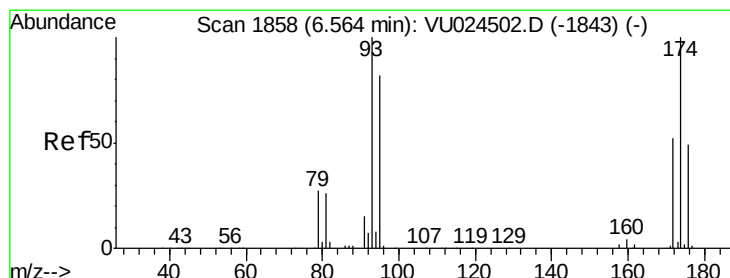
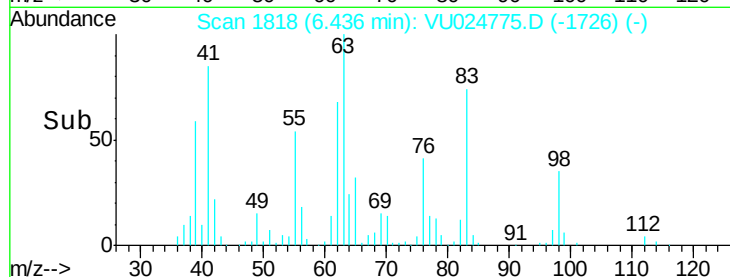
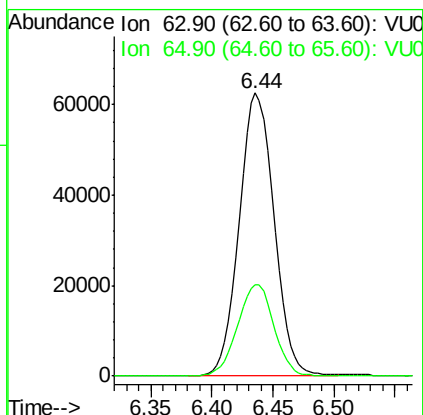
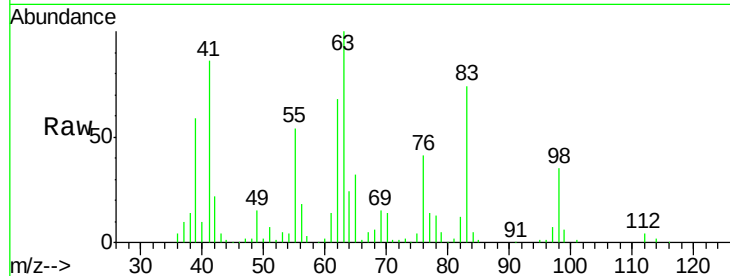




#45
 1,2-Dichloropropane
 Concen: 50.393 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

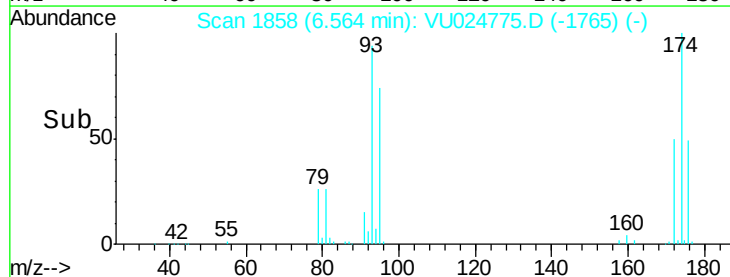
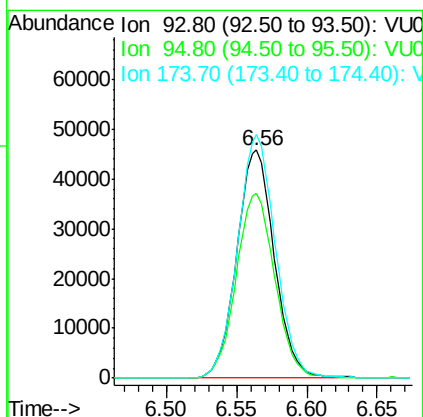
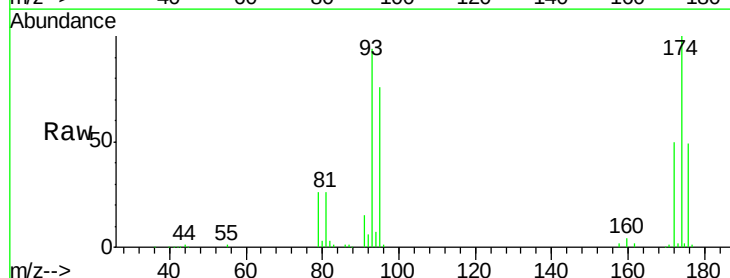
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

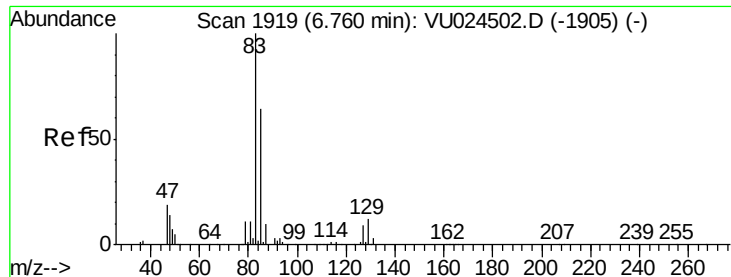
Tgt Ion: 63 Resp: 123911
 Ion Ratio Lower Upper
 63 100
 65 32.5 24.8 37.2



#46
 Dibromomethane
 Concen: 49.590 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Tgt Ion: 93 Resp: 85650
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.5 98.3
 174 107.6 78.7 118.1





#47

Bromodichloromethane

Concen: 48.566 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

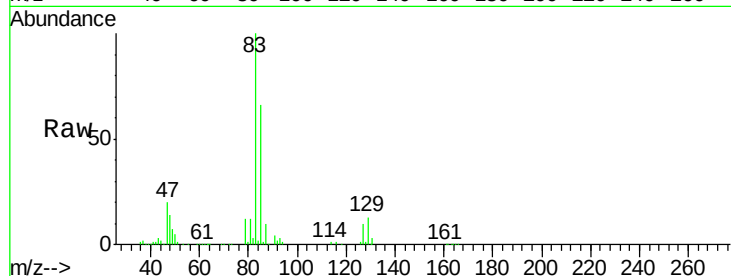
Tgt Ion: 83 Resp: 167031

Ion Ratio Lower Upper

83 100

85 65.9 51.9 77.9

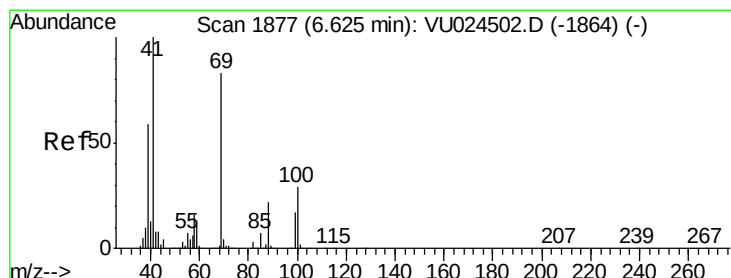
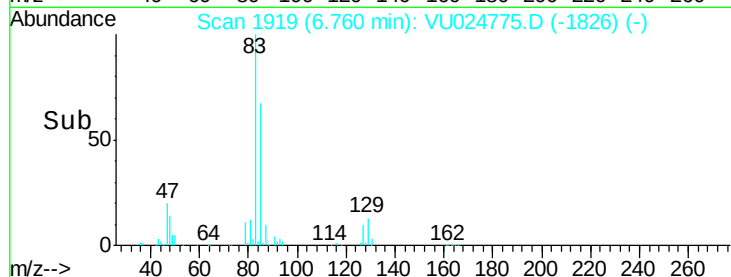
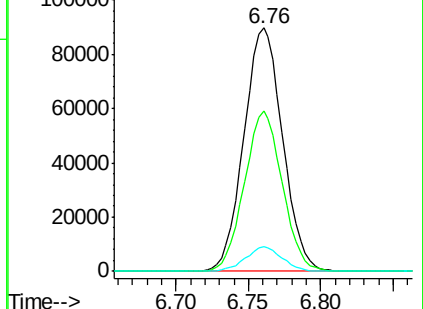
127 9.9 6.6 9.8#



Abundance Ion 82.90 (82.60 to 83.60): VU024775.D (-1826) (-)

Ion 84.90 (84.60 to 85.60): VU024775.D (-1826) (-)

Ion 126.80 (126.50 to 127.50): VU024775.D (-1826) (-)



#48

Methyl methacrylate

Concen: 49.981 ug/l

RT: 6.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

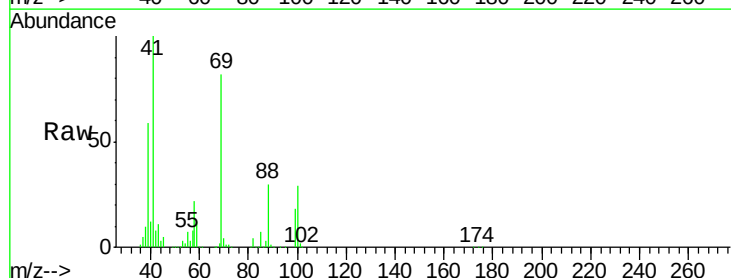
Tgt Ion: 41 Resp: 148291

Ion Ratio Lower Upper

41 100

69 82.7 67.3 100.9

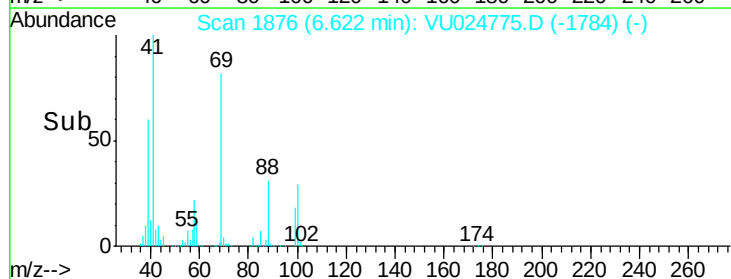
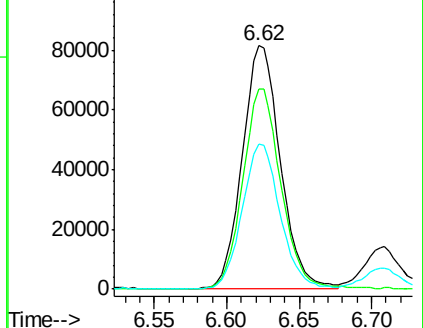
39 59.0 46.5 69.7

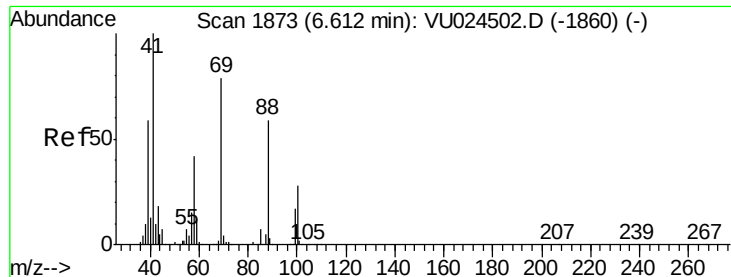


Abundance Ion 41.00 (40.70 to 41.70): VU024775.D (-1784) (-)

Ion 69.00 (68.70 to 69.70): VU024775.D (-1784) (-)

Ion 39.00 (38.70 to 39.70): VU024775.D (-1784) (-)





#49

1,4-Dioxane

Concen: 1107.106 ug/l

RT: 6.61 min Scan# 1873

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

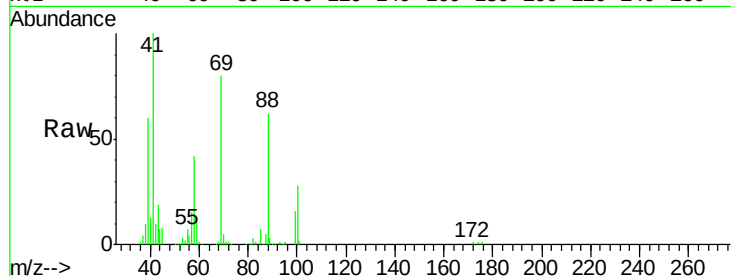
Tgt Ion: 88 Resp: 64237

Ion Ratio Lower Upper

88 100

43 32.7 28.6 42.8

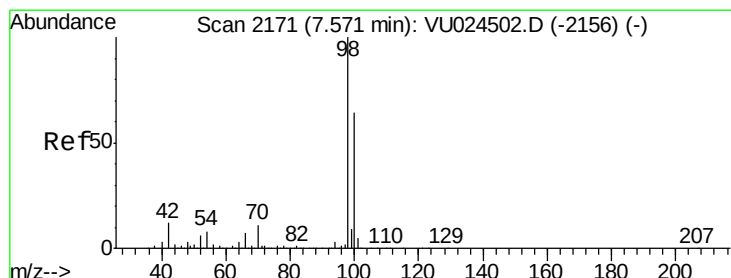
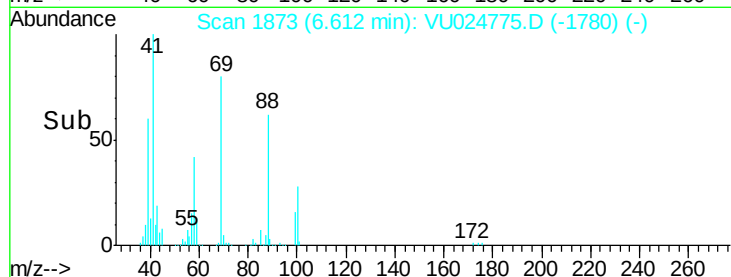
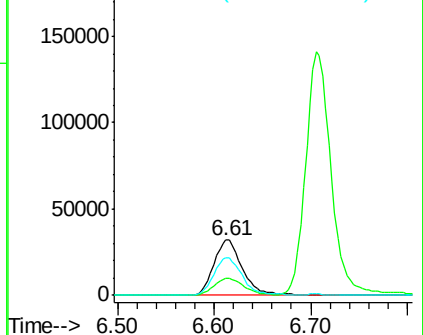
58 69.9 58.2 87.4



Abundance Ion 88.00 (87.70 to 88.70): VU024775.D (-2078) (-)

Ion 43.00 (42.70 to 43.70): VU024775.D (-2078) (-)

Ion 58.00 (57.70 to 58.70): VU024775.D (-2078) (-)



#50

Toluene-d8

Concen: 44.236 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024775.D

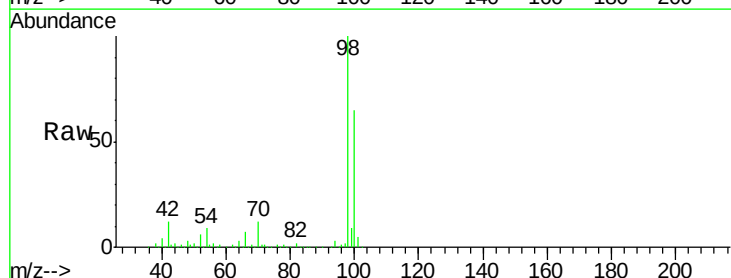
Acq: 20 Jun 2018 22:47

Tgt Ion: 98 Resp: 368562

Ion Ratio Lower Upper

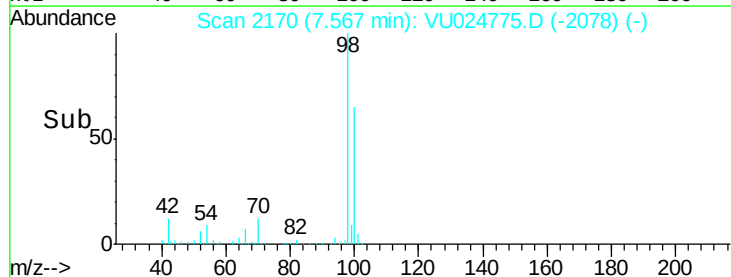
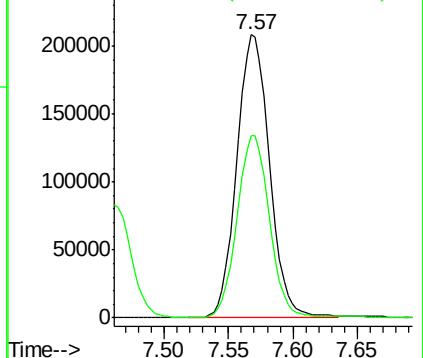
98 100

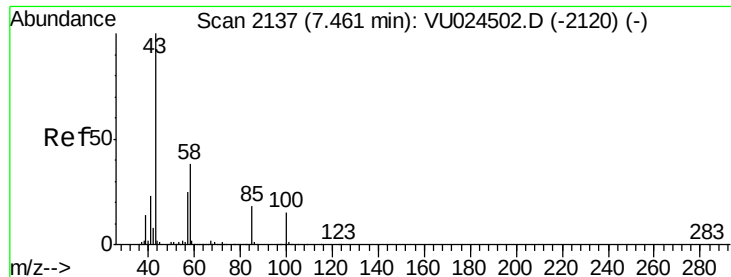
100 64.1 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU024775.D (-2078) (-)

Ion 100.00 (99.70 to 100.70): VU024775.D (-2078) (-)

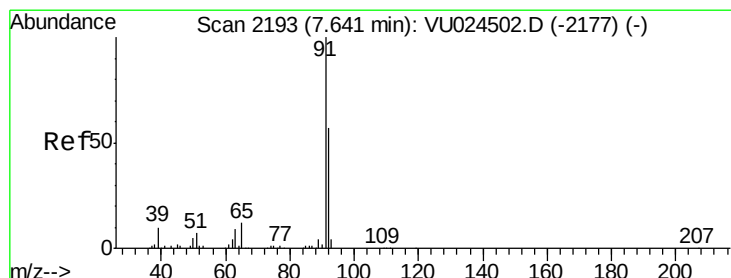
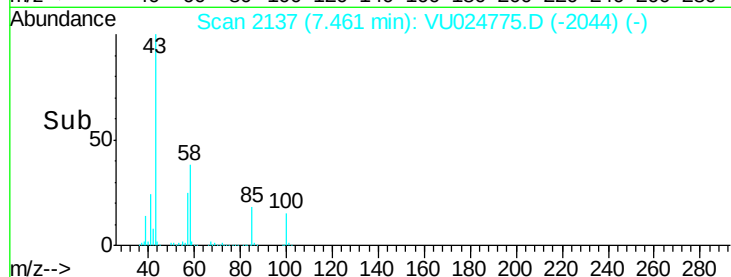
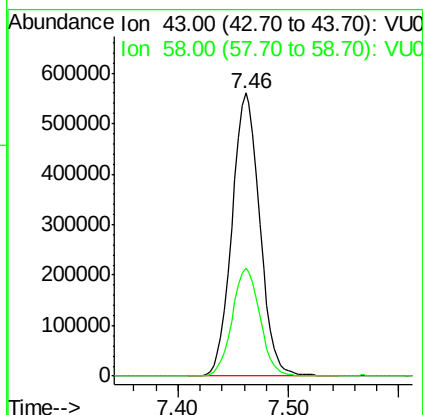
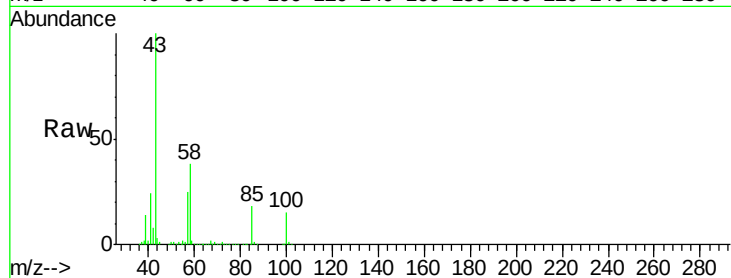




#51
 4-Methyl-2-Pentanone
 Concen: 255.474 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

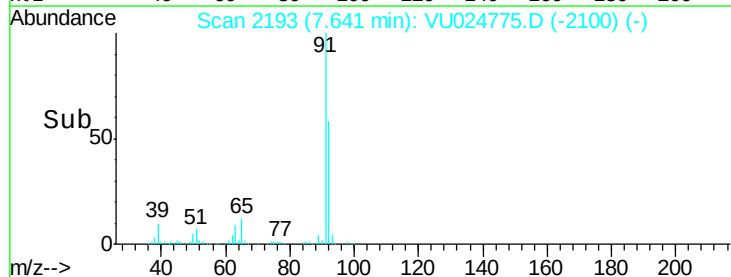
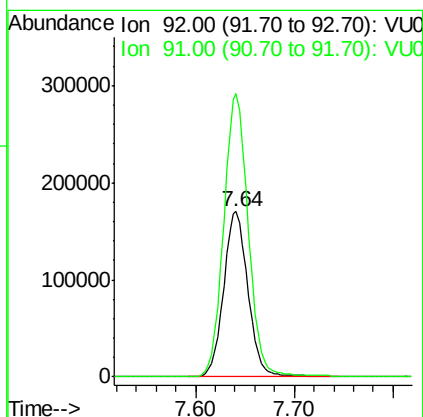
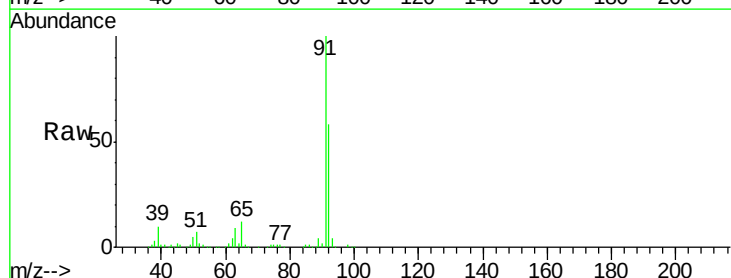
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

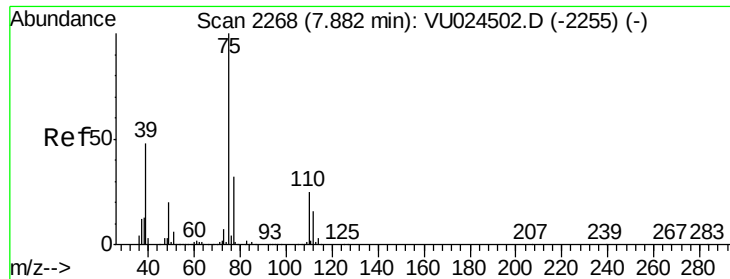
Tgt Ion: 43 Resp: 977947
 Ion Ratio Lower Upper
 43 100
 58 38.2 30.0 45.0



#52
 Toluene
 Concen: 49.906 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Tgt Ion: 92 Resp: 295886
 Ion Ratio Lower Upper
 92 100
 91 172.9 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 48.250 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

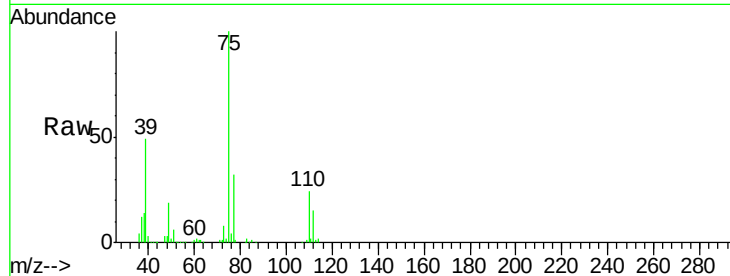
VSTDCCC050

Tgt Ion: 75 Resp: 186357

Ion Ratio Lower Upper

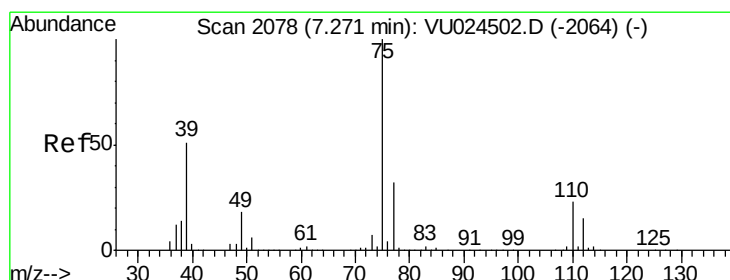
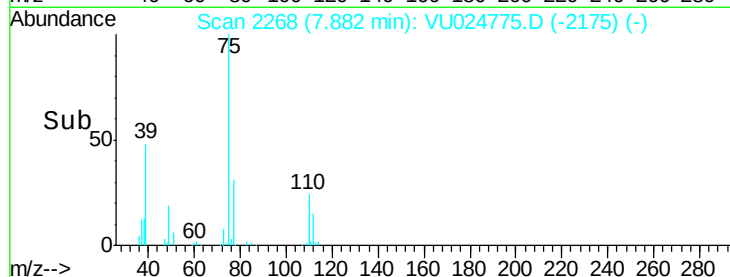
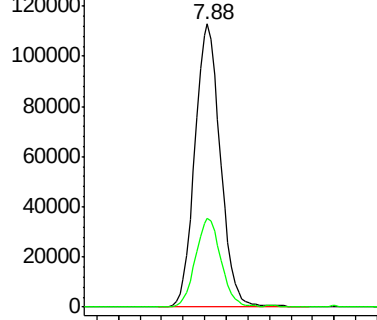
75 100

77 31.6 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 46.615 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

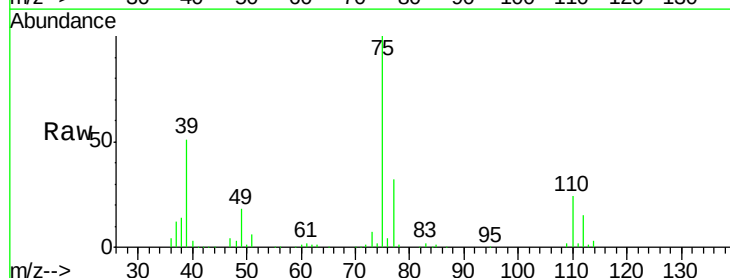
Tgt Ion: 75 Resp: 191846

Ion Ratio Lower Upper

75 100

77 31.5 24.6 36.8

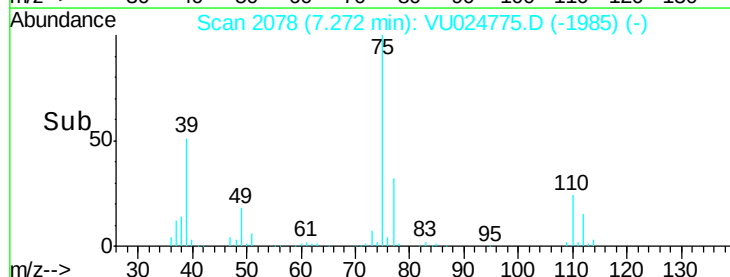
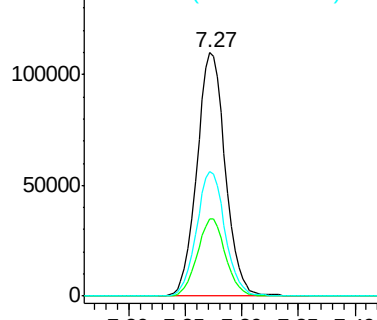
39 51.1 39.8 59.6

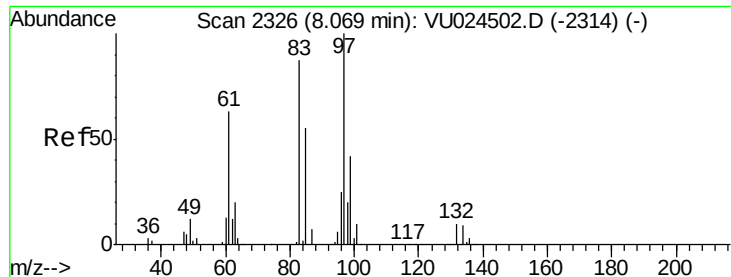


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

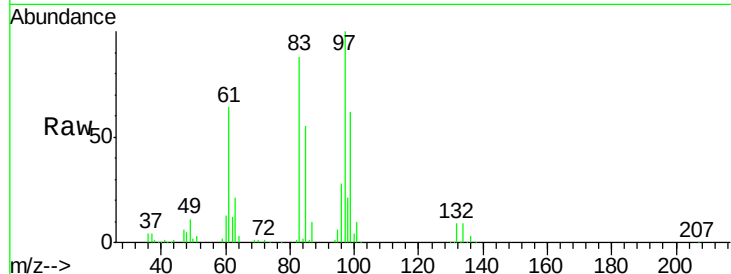




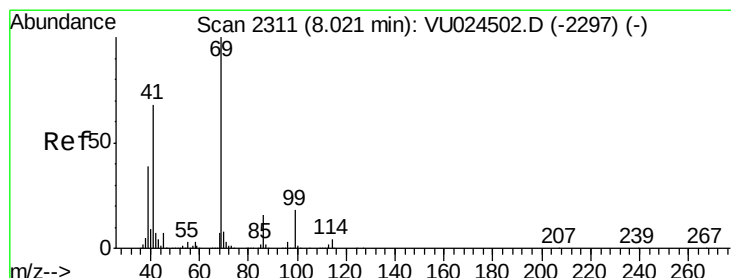
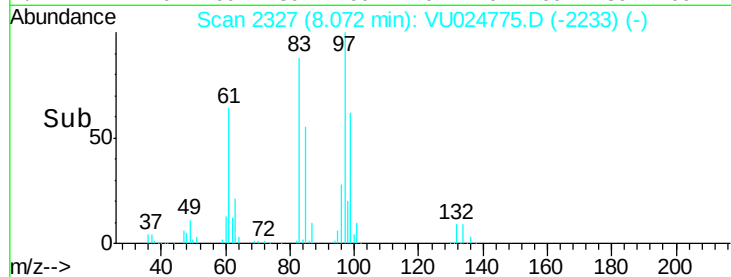
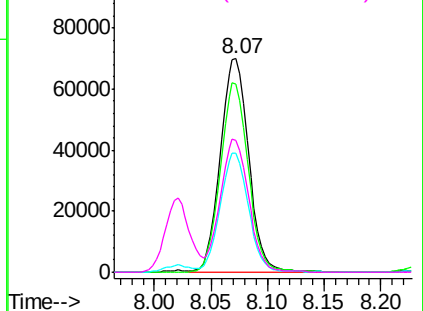
#55
 1,1,2-Trichloroethane
 Concen: 50.476 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	121649
Ion	Ratio	Lower	Upper
97	100		
83	88.3	70.5	105.7
85	55.6	46.4	69.6
99	62.0	50.2	75.2

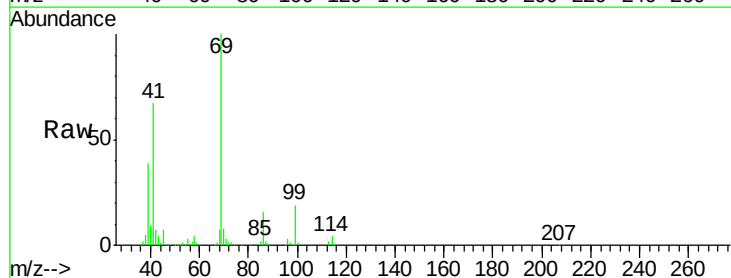


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

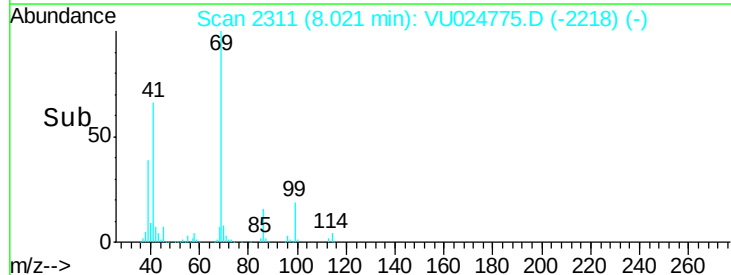
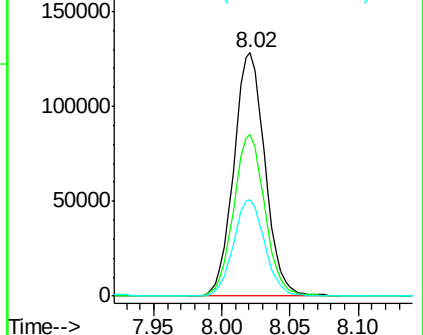


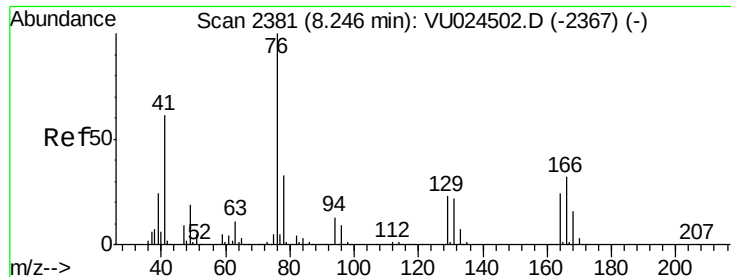
#56
 Ethyl methacrylate
 Concen: 50.522 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Tgt Ion:	69	Resp:	203792
Ion	Ratio	Lower	Upper
69	100		
41	66.3	54.1	81.1
39	39.4	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

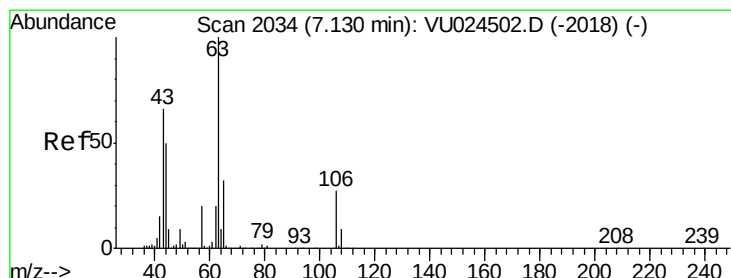
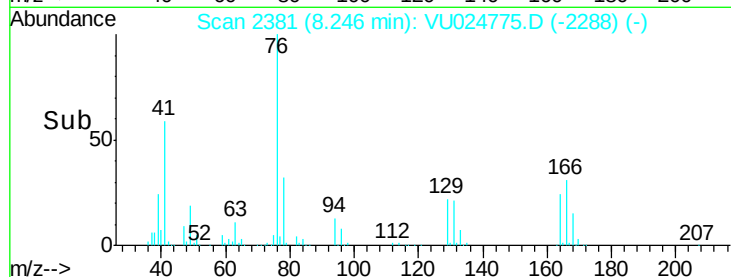
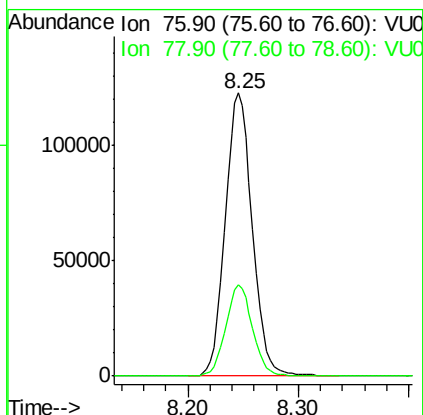
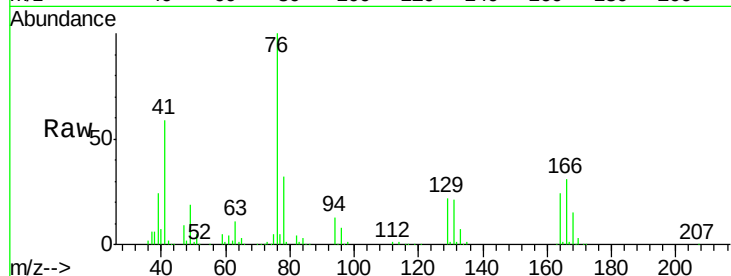




#57
 1,3-Dichloropropane
 Concen: 51.285 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

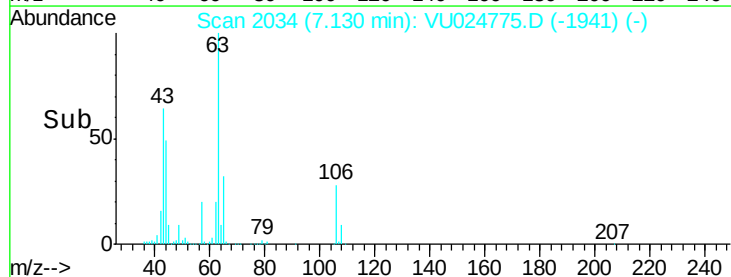
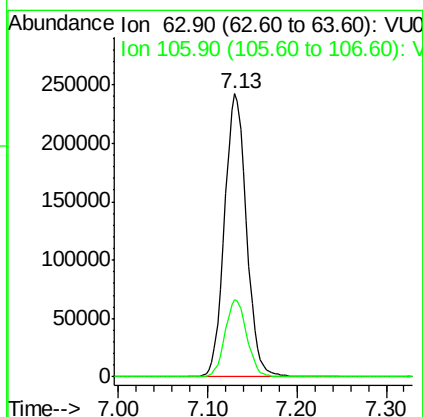
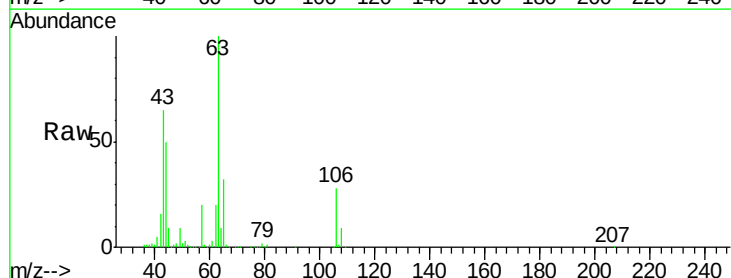
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

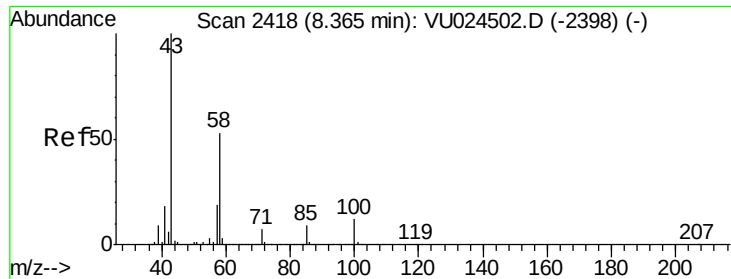
Tgt Ion: 76 Resp: 208501
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 267.072 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Tgt Ion: 63 Resp: 412722
 Ion Ratio Lower Upper
 63 100
 106 27.2 20.2 30.2

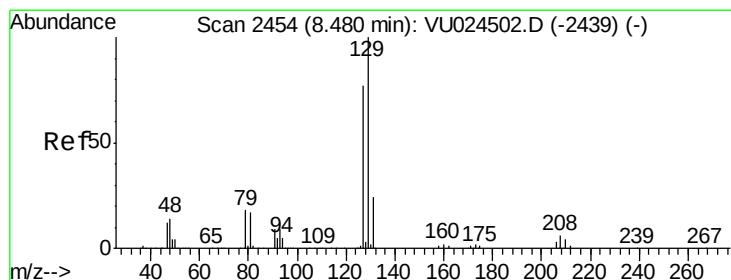
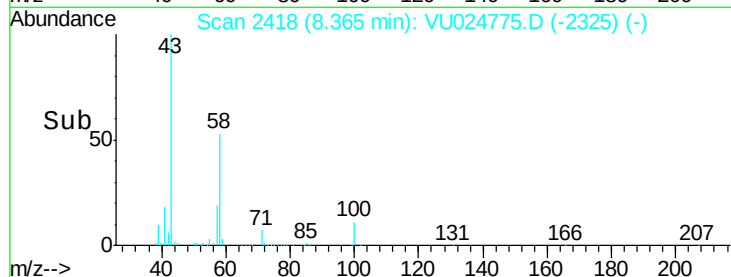
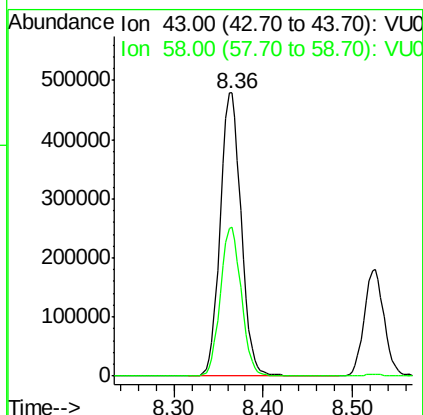
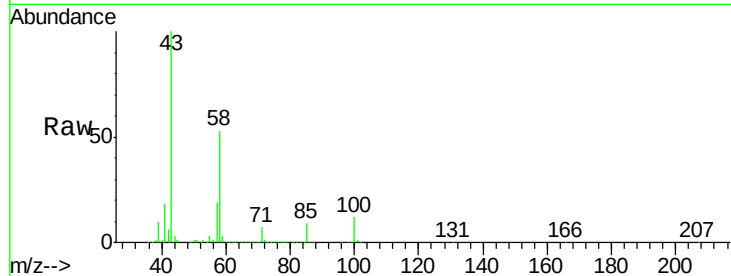




#59
2-Hexanone
Concen: 249.841 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

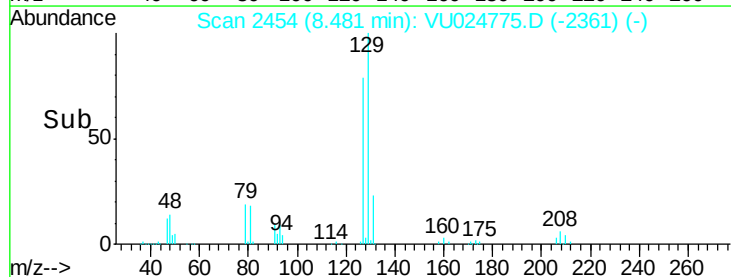
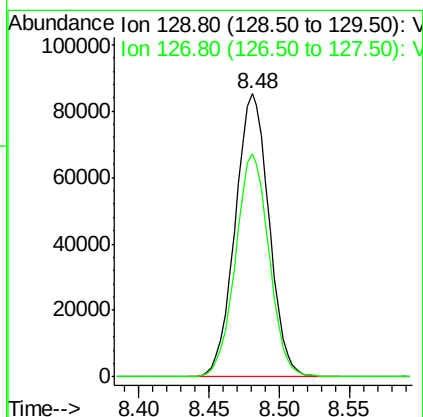
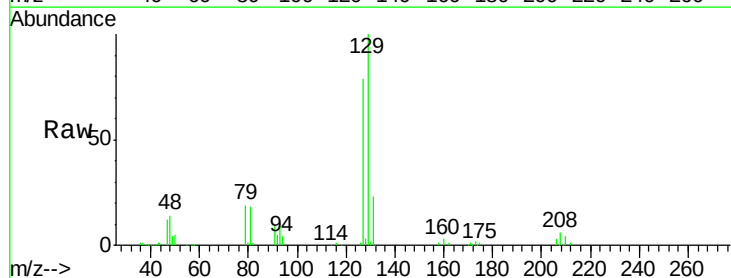
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

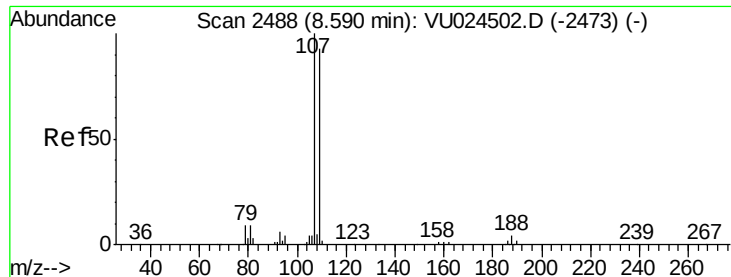
Tgt Ion: 43 Resp: 780794
Ion Ratio Lower Upper
43 100
58 52.4 26.4 79.0



#60
Dibromochloromethane
Concen: 47.736 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Tgt Ion: 129 Resp: 143461
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





#61

1,2-Dibromoethane

Concen: 50.562 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

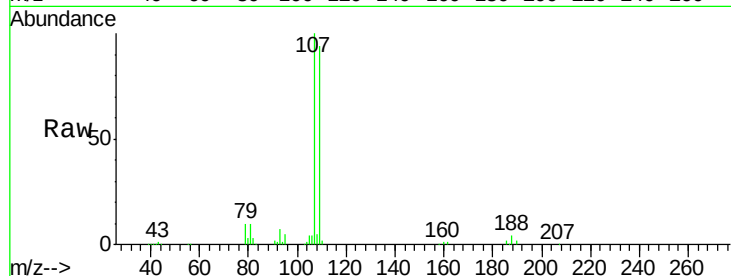
VSTDCCC050

Tgt Ion:107 Resp: 135628

Ion Ratio Lower Upper

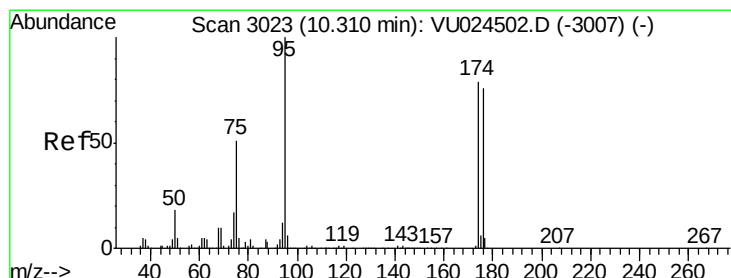
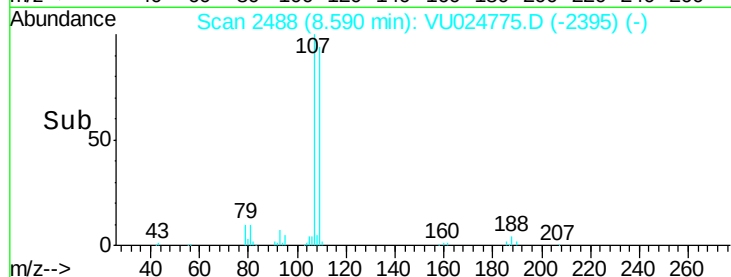
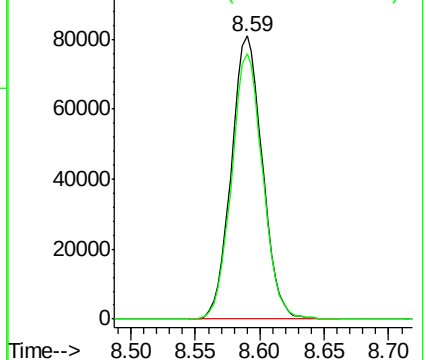
107 100

109 94.0 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: 45.294 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

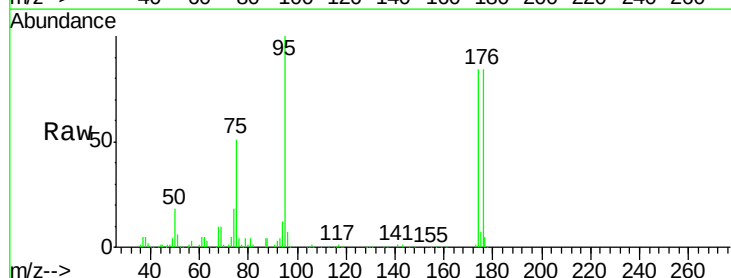
Tgt Ion: 95 Resp: 149834

Ion Ratio Lower Upper

95 100

174 84.6 0.0 165.8

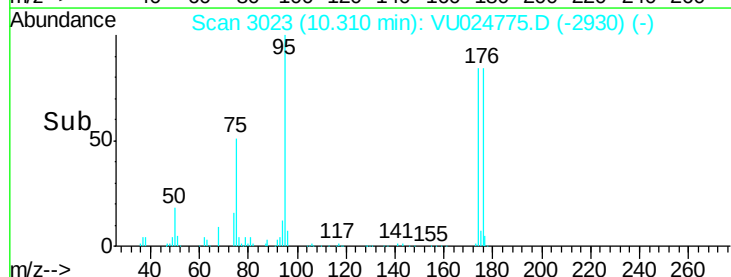
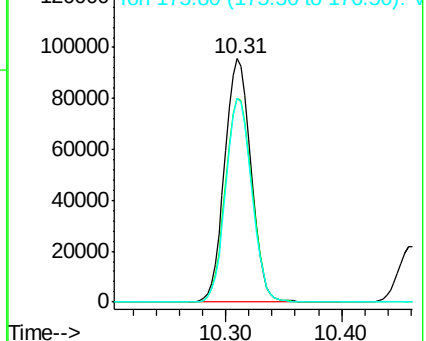
176 82.5 0.0 159.4

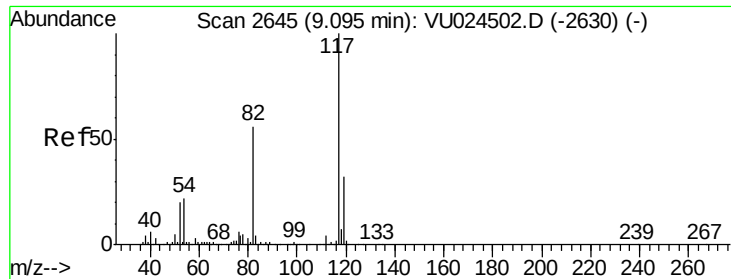


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

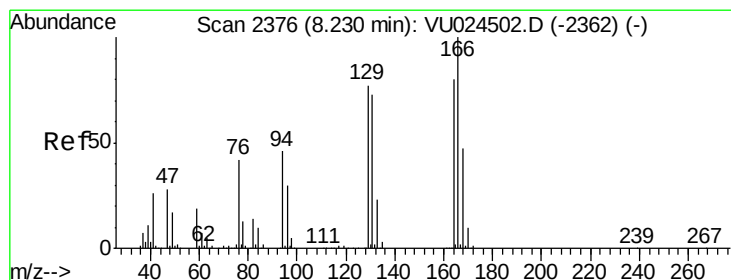
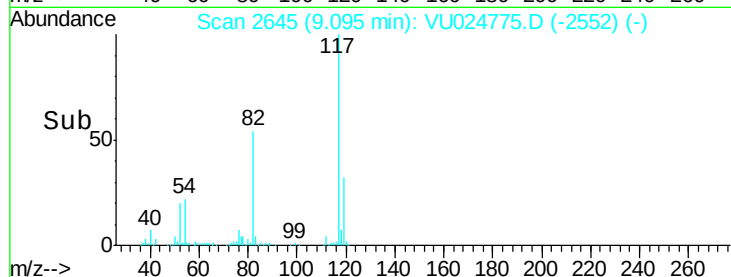
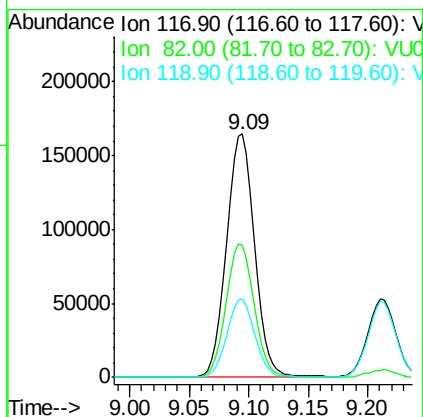
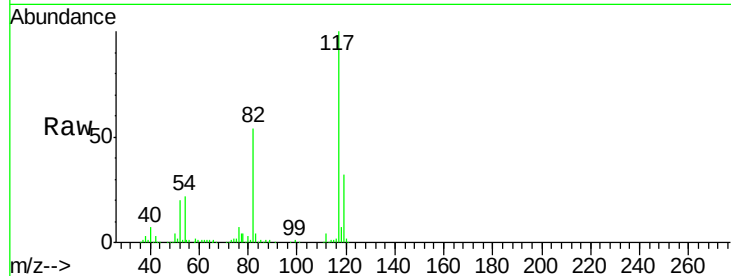




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

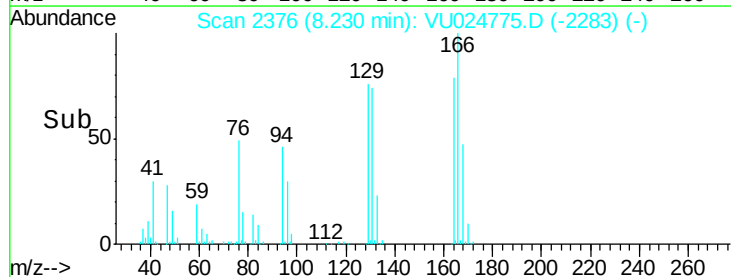
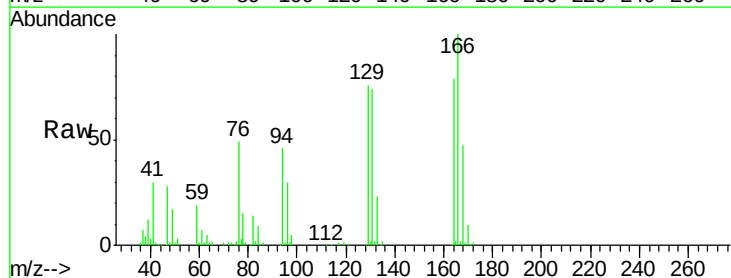
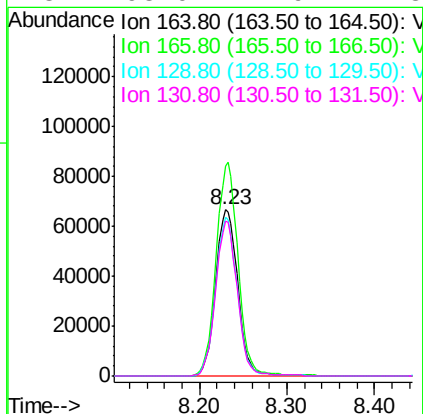
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

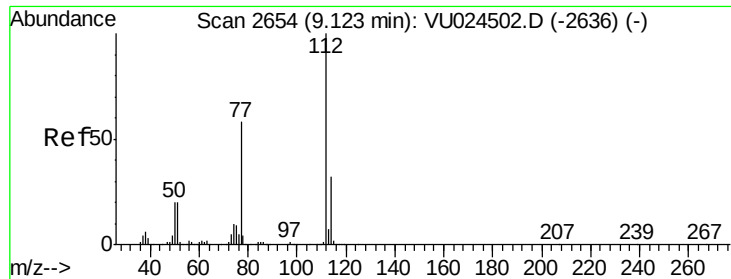
Tgt Ion:117 Resp: 270021
Ion Ratio Lower Upper
117 100
82 54.2 44.3 66.5
119 32.1 25.4 38.2



#64
Tetrachloroethene
Concen: 45.727 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Tgt Ion:164 Resp: 117365
Ion Ratio Lower Upper
164 100
166 126.4 101.7 152.5
129 95.6 76.9 115.3
131 93.0 74.9 112.3

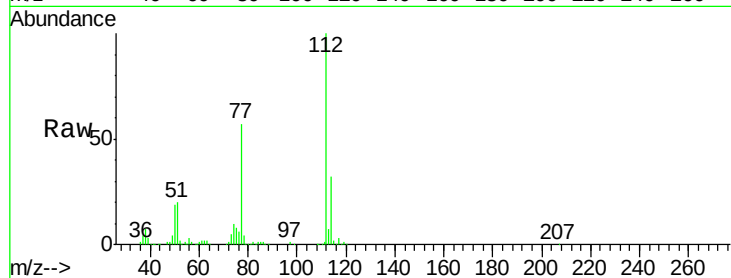




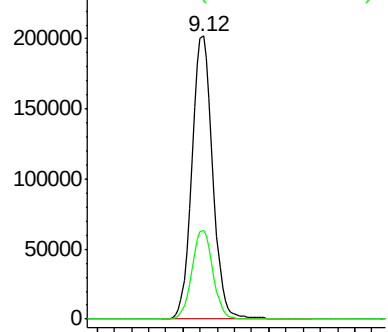
#65
Chlorobenzene
Concen: 49.153 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

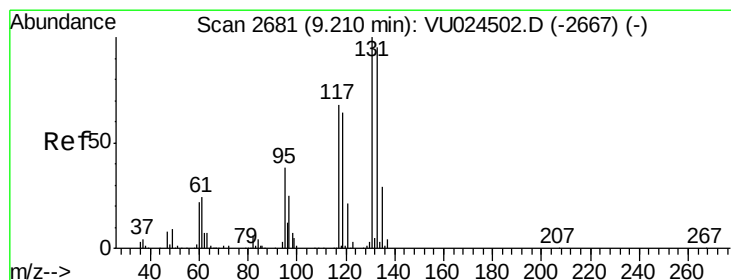
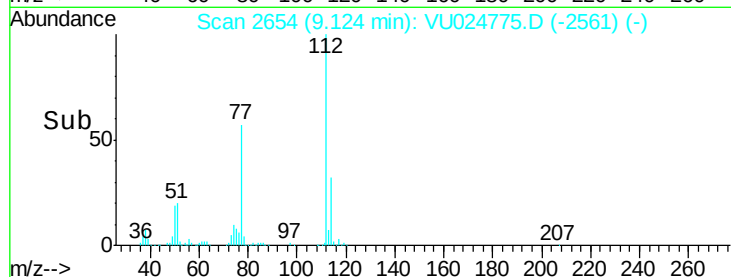
Tgt Ion:112 Resp: 339060
Ion Ratio Lower Upper
112 100
114 31.6 25.6 38.4



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

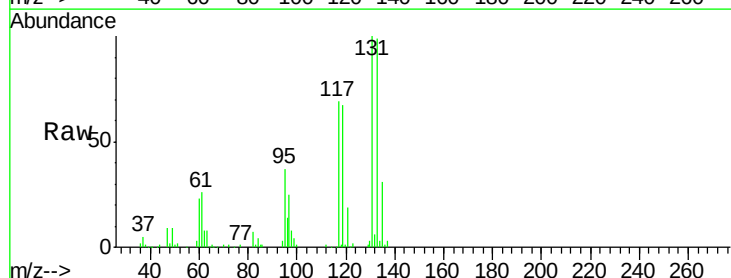


Time--> 9.00 9.10 9.20 9.30

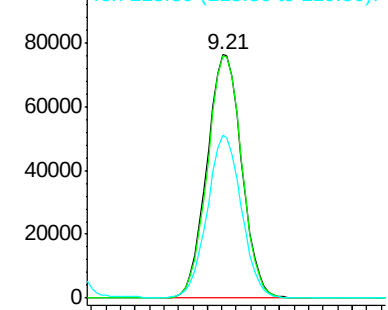


#66
1,1,1,2-Tetrachloroethane
Concen: 48.594 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

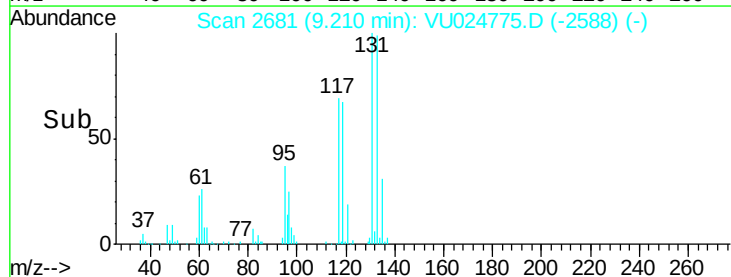
Tgt Ion:131 Resp: 127350
Ion Ratio Lower Upper
131 100
133 97.9 46.9 140.8
119 65.7 33.5 100.4

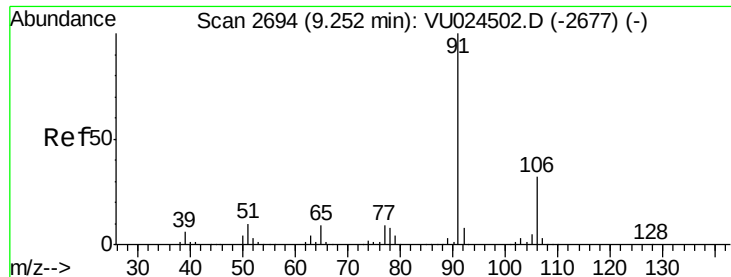


Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V



Time--> 9.15 9.20 9.25 9.30





#67

Ethyl Benzene

Concen: 48.156 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

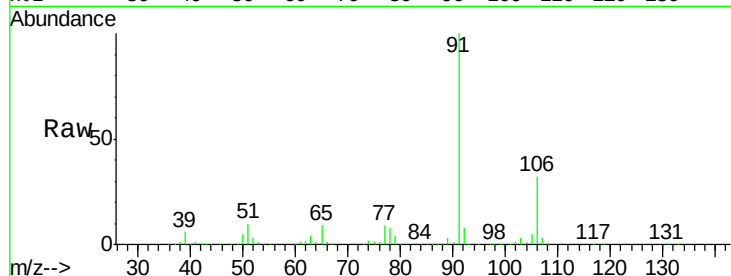
VSTDCCC050

Tgt Ion: 91 Resp: 582343

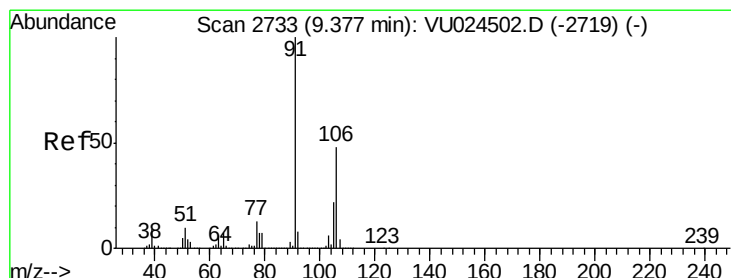
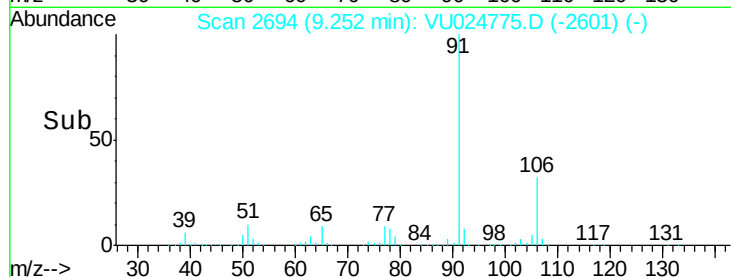
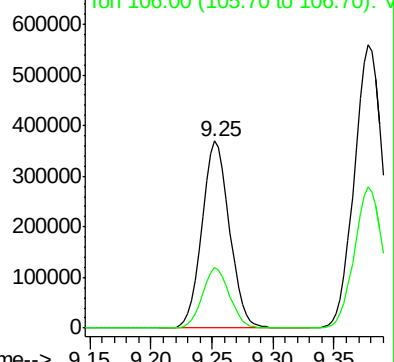
Ion Ratio Lower Upper

91 100

106 32.1 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VU024775.D (-2601) (-)



#68

m/p-Xylenes

Concen: 98.508 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU024775.D

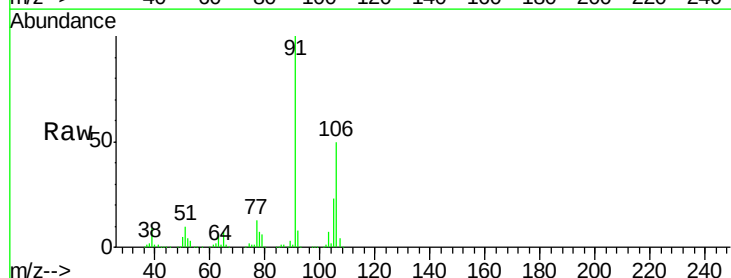
Acq: 20 Jun 2018 22:47

Tgt Ion: 106 Resp: 457436

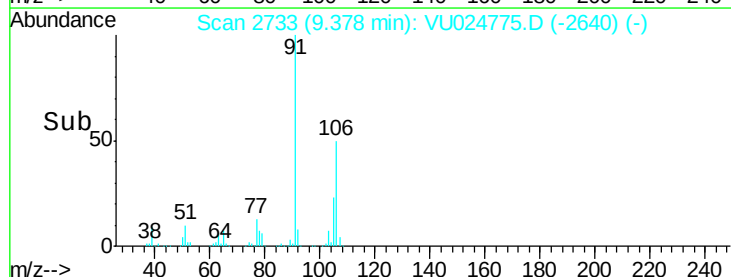
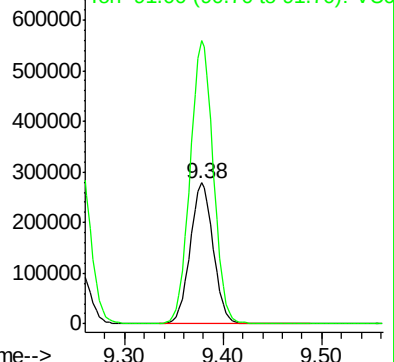
Ion Ratio Lower Upper

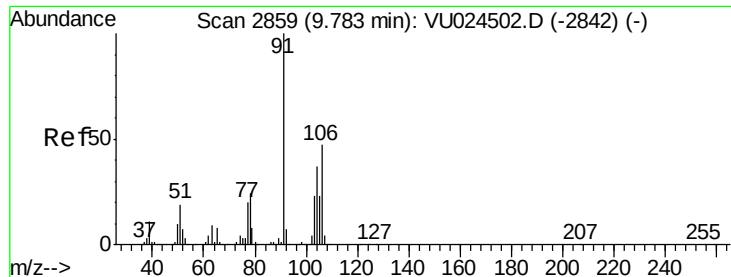
106 100

91 202.1 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): VU024775.D (-2640) (-)

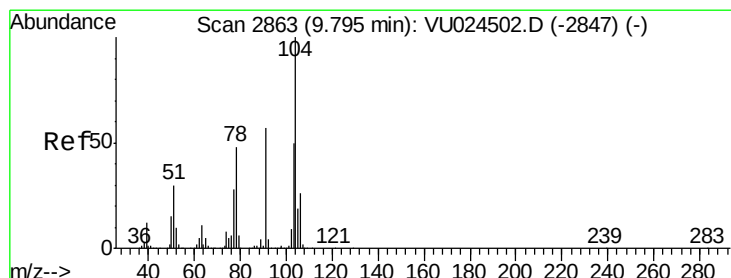
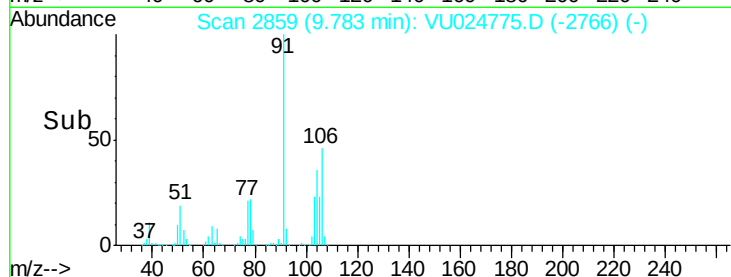
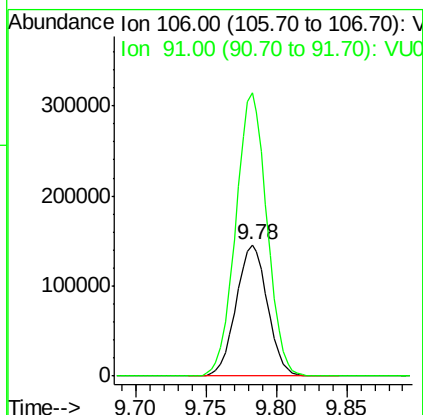
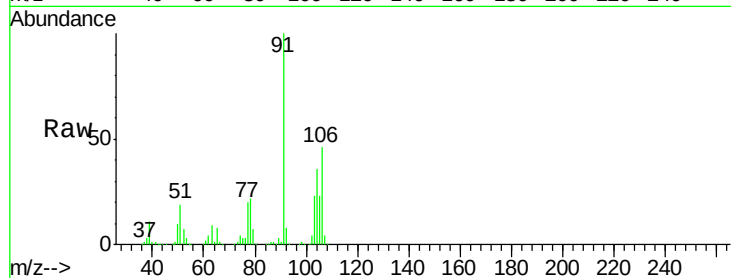




#69
o-Xylene
Concen: 49.535 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

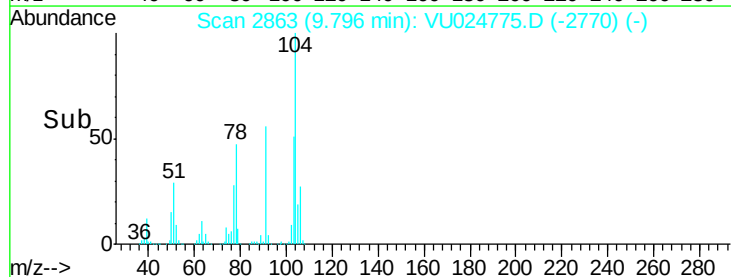
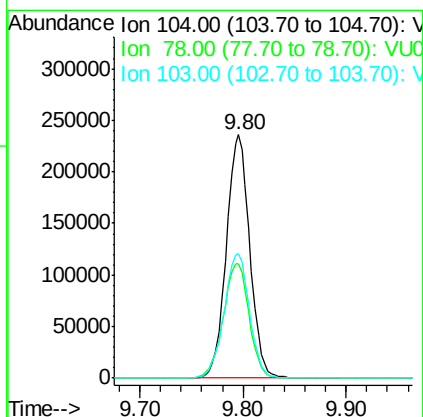
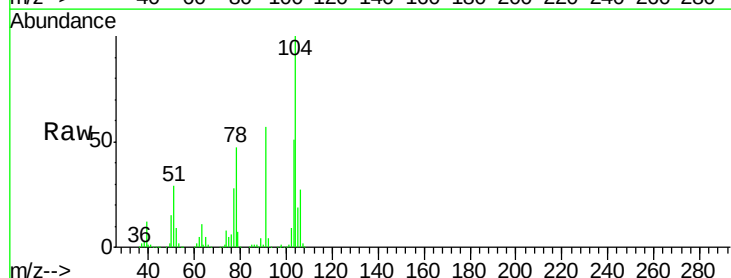
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

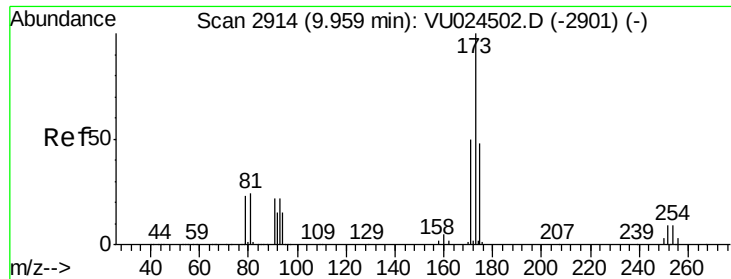
Tgt Ion:106 Resp: 227643
Ion Ratio Lower Upper
106 100
91 214.4 110.7 331.9



#70
Styrene
Concen: 49.296 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Tgt Ion:104 Resp: 372294
Ion Ratio Lower Upper
104 100
78 52.1 40.6 60.8
103 55.3 44.7 67.1





#71

Bromoform

Concen: 46.679 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

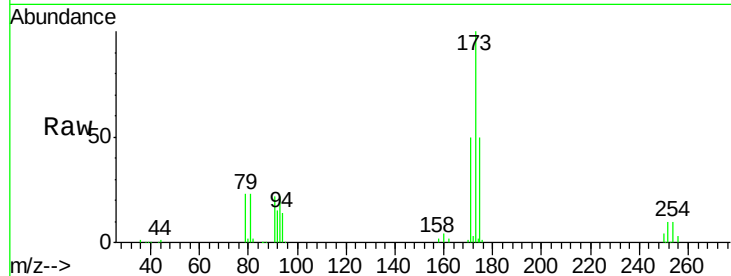
Tgt Ion:173 Resp: 116275

Ion Ratio Lower Upper

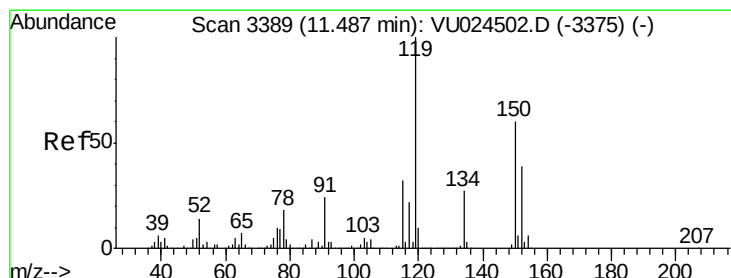
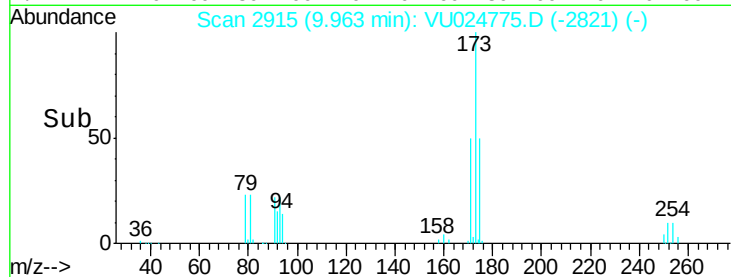
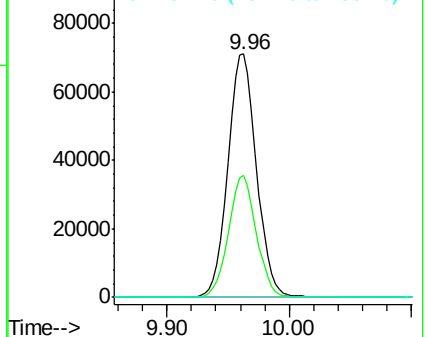
173 100

175 48.8 24.6 74.0

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

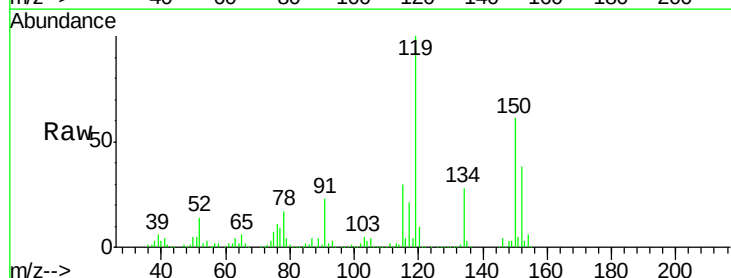
Tgt Ion:152 Resp: 164244

Ion Ratio Lower Upper

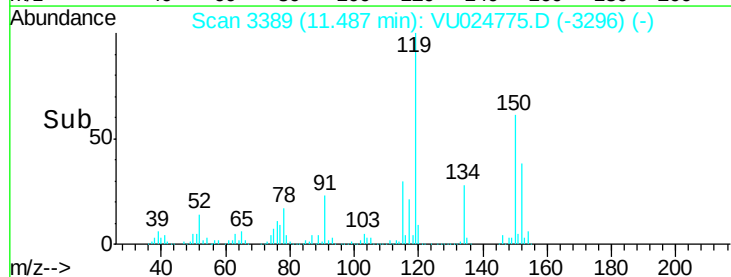
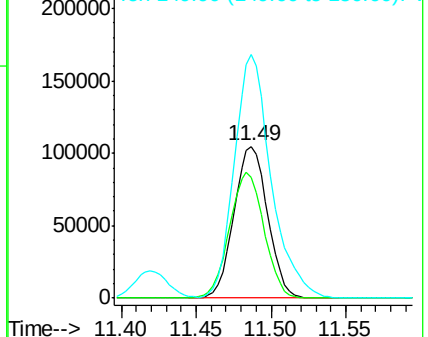
152 100

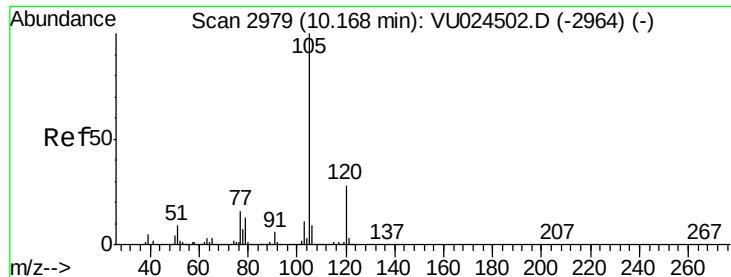
115 84.9 43.0 129.0

150 175.7 0.0 354.0



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





#73

Isopropylbenzene

Concen: 48.523 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

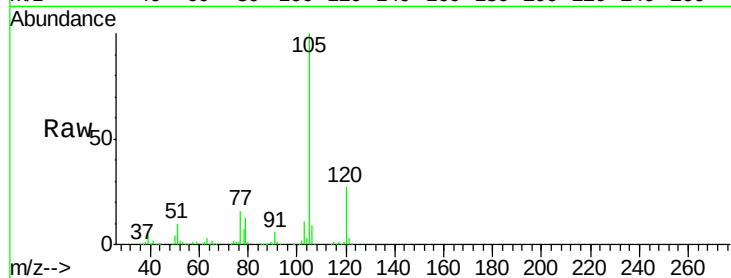
VSTDCCC050

Tgt Ion:105 Resp: 611874

Ion Ratio Lower Upper

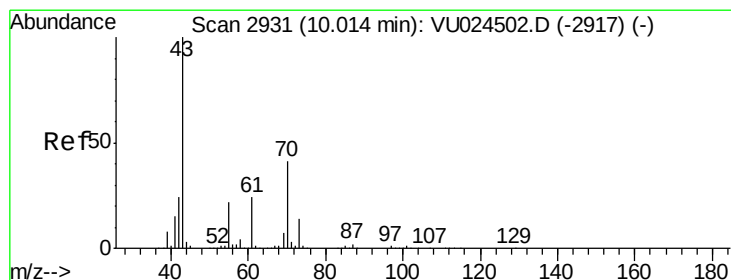
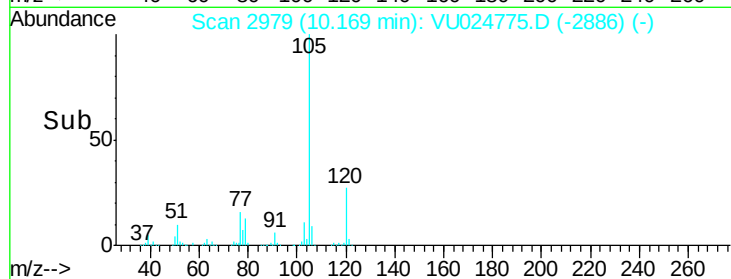
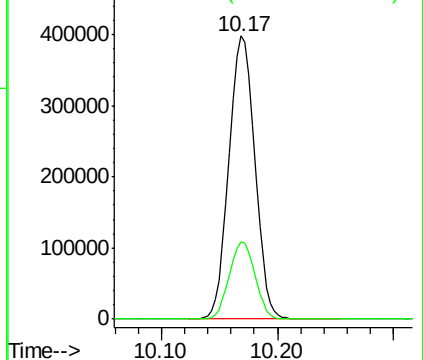
105 100

120 27.1 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: 48.120 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Tgt Ion: 43 Resp: 288618

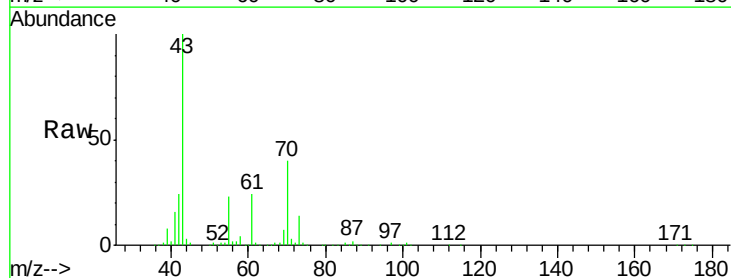
Ion Ratio Lower Upper

43 100

70 40.5 32.2 48.4

55 23.0 20.5 30.7

61 23.9 18.7 28.1

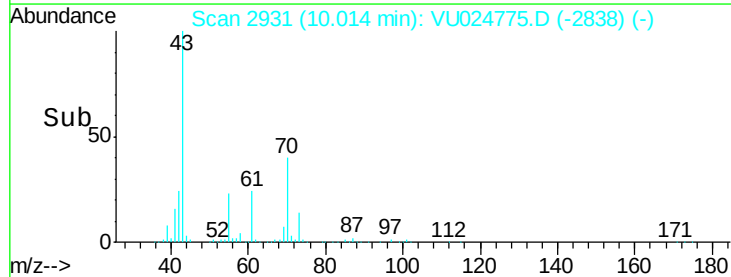
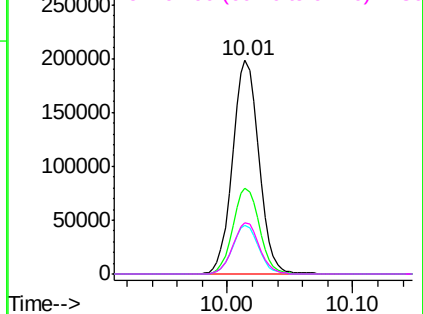


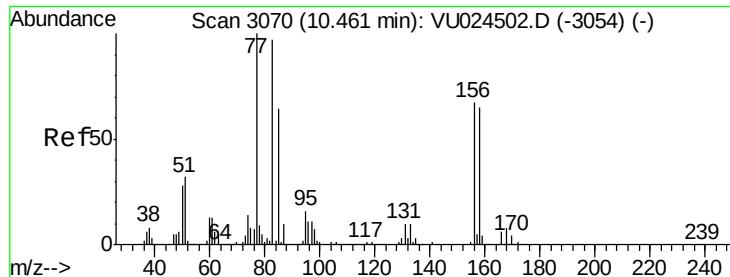
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 49.912 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

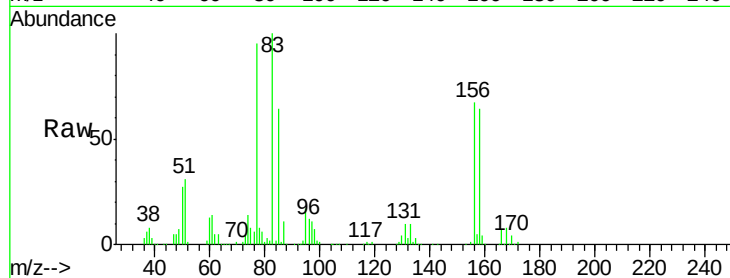
Tgt Ion: 83 Resp: 210911

Ion Ratio Lower Upper

83 100

131 10.5 4.7 14.1

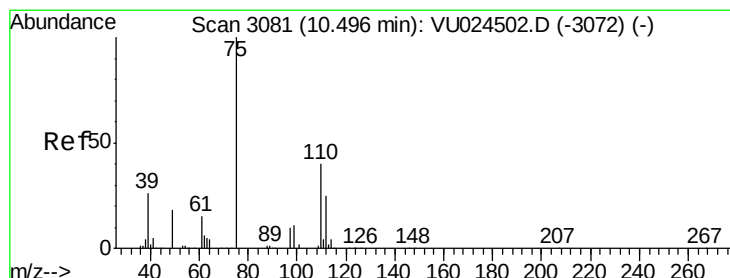
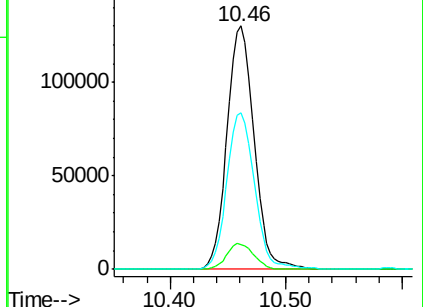
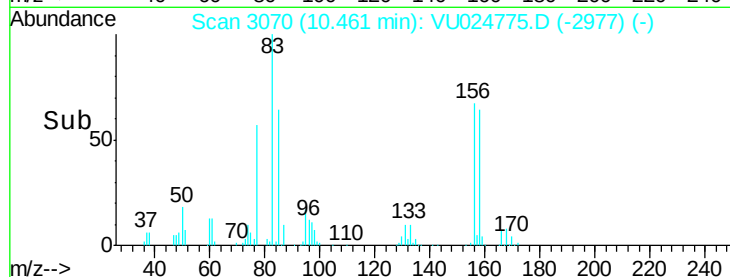
85 65.8 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU024775.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU024775.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU024775.D (-2977) (-)



#76

1,2,3-Trichloropropane

Concen: 67.889 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024775.D

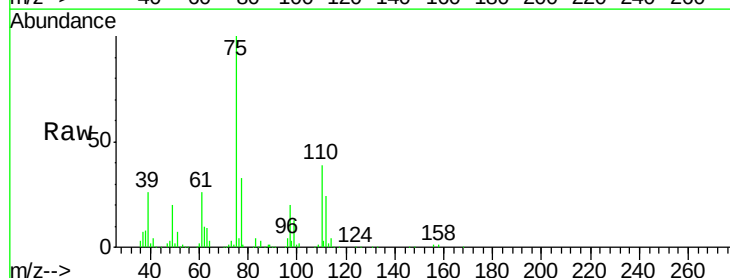
Acq: 20 Jun 2018 22:47

Tgt Ion: 75 Resp: 245490

Ion Ratio Lower Upper

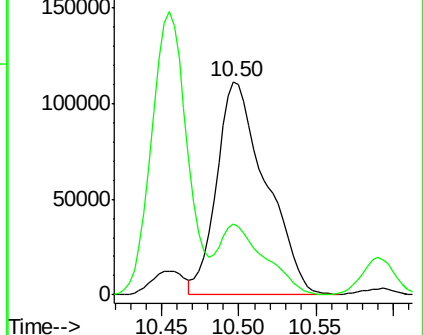
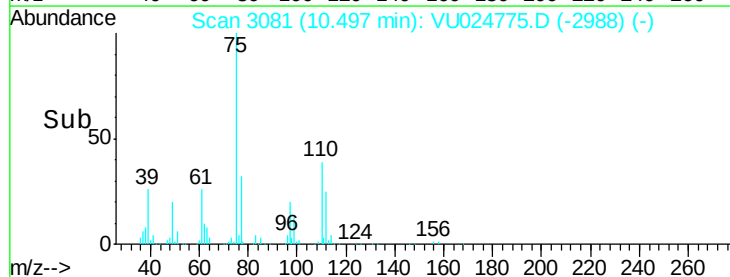
75 100

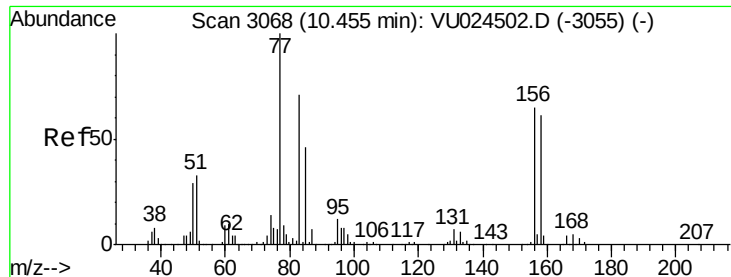
77 31.3 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU024775.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU024775.D (-2988) (-)





#77

Bromobenzene

Concen: 49.609 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

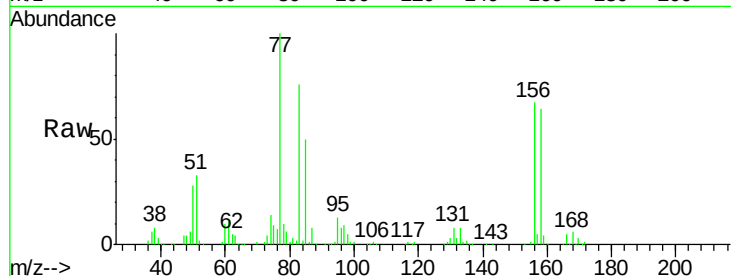
Tgt Ion:156 Resp: 158371

Ion Ratio Lower Upper

156 100

77 148.9 80.5 241.3

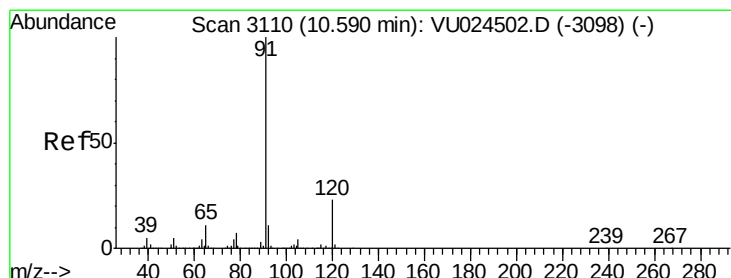
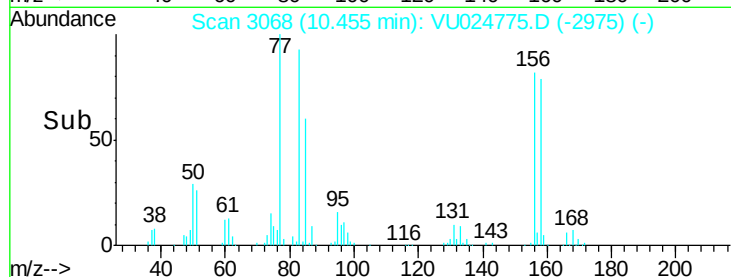
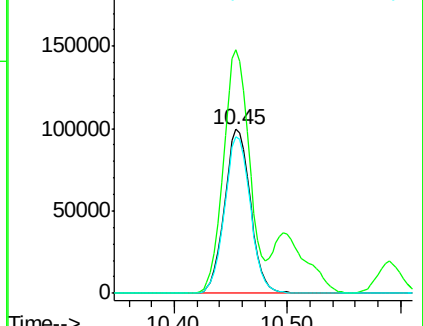
158 95.6 48.2 144.6



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: 47.086 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024775.D

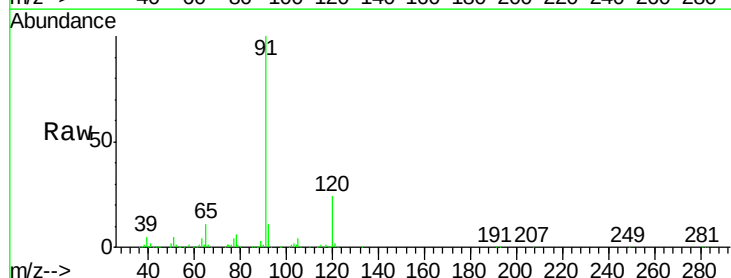
Acq: 20 Jun 2018 22:47

Tgt Ion: 91 Resp: 699432

Ion Ratio Lower Upper

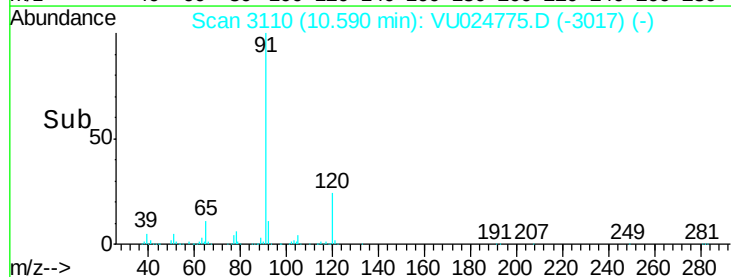
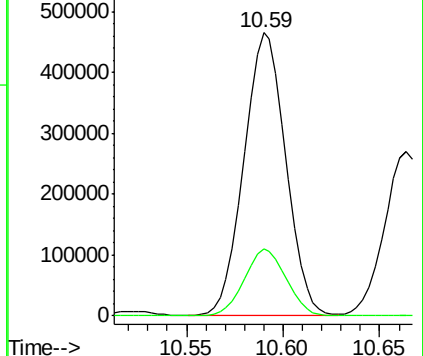
91 100

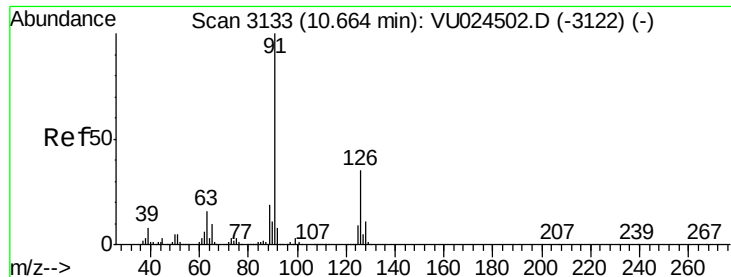
120 23.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.805 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

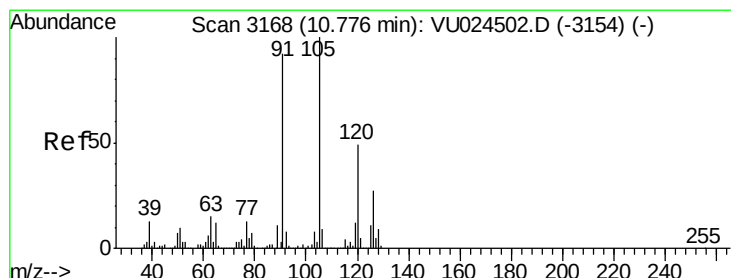
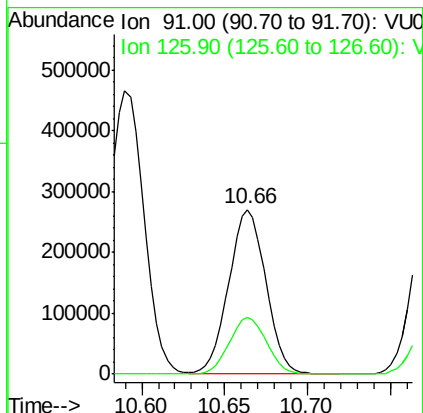
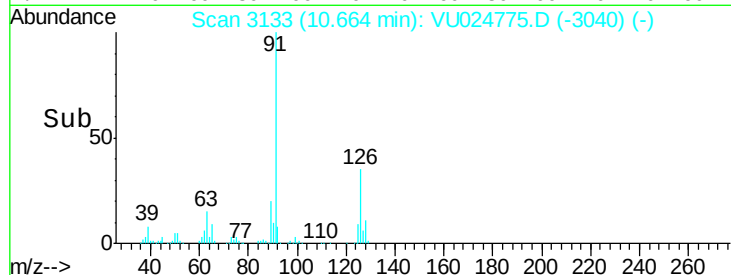
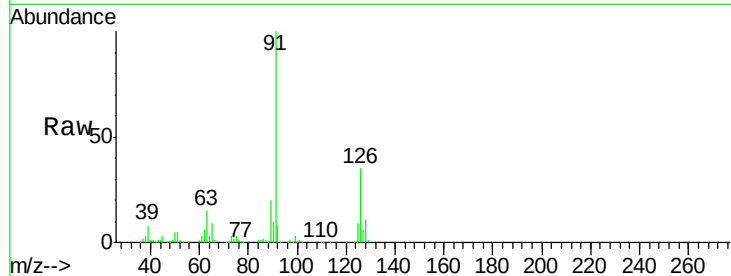
VSTDCCC050

Tgt Ion: 91 Resp: 418767

Ion Ratio Lower Upper

91 100

126 34.8 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 48.767 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024775.D

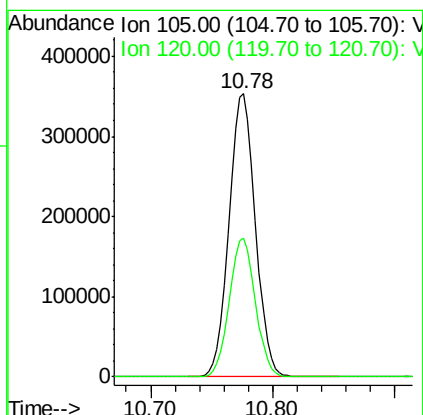
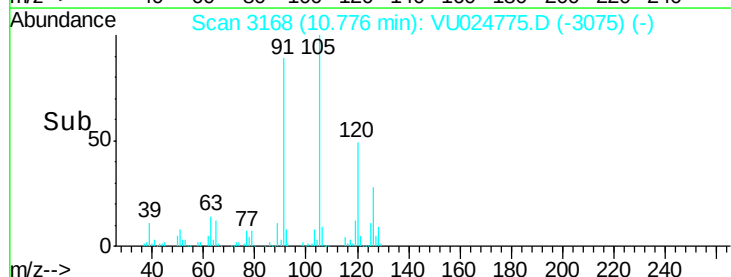
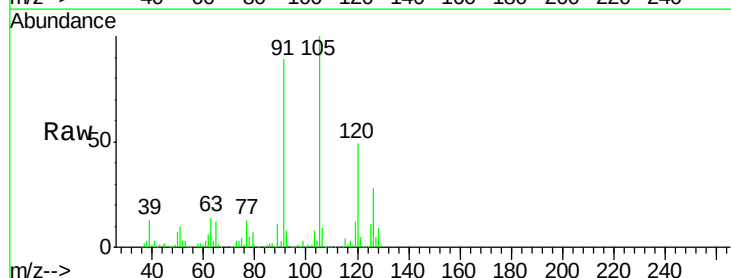
Acq: 20 Jun 2018 22:47

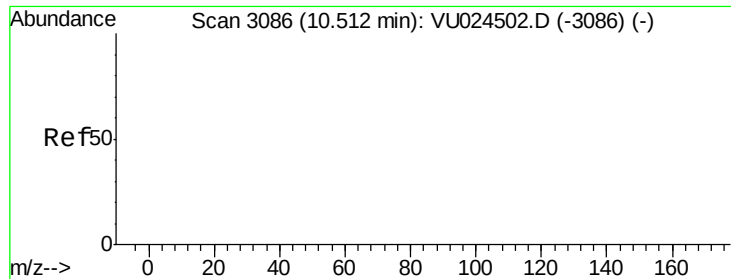
Tgt Ion: 105 Resp: 533008

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.2

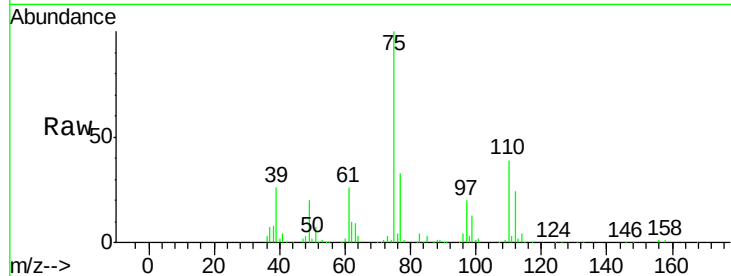




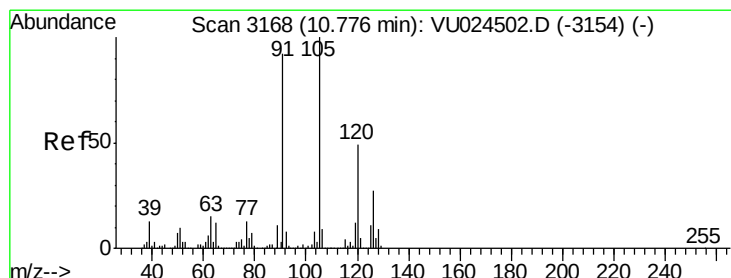
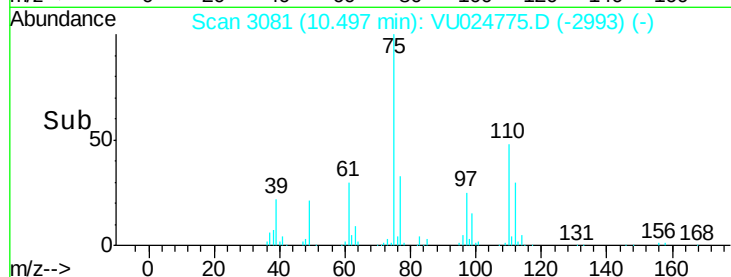
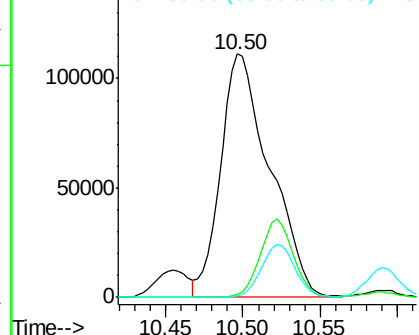
#81
trans-1,4-Dichloro-2-butene
Concen: 157.123 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 245490
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

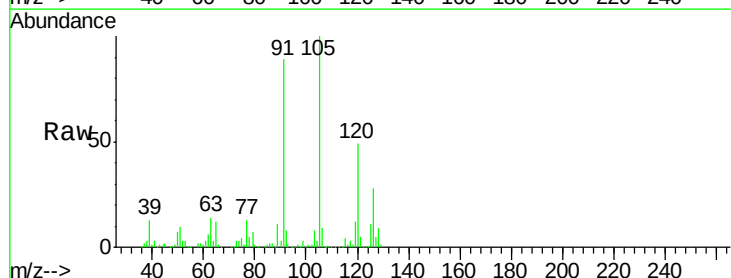


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0

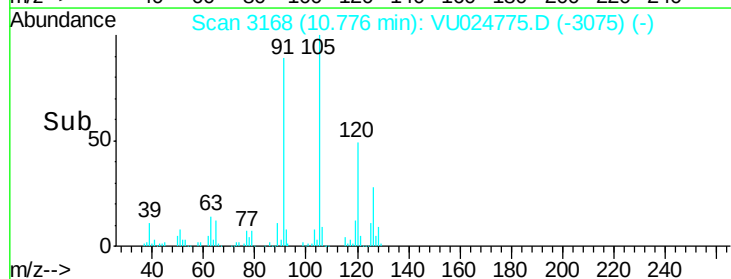
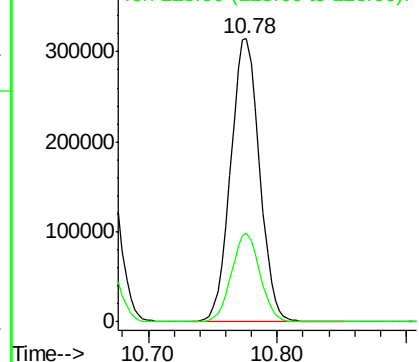


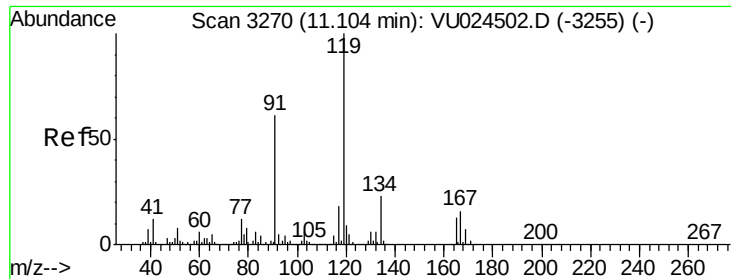
#82
4-Chlorotoluene
Concen: 47.737 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Tgt Ion: 91 Resp: 486709
Ion Ratio Lower Upper
91 100
126 31.0 14.9 44.9



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





#83

tert-Butylbenzene

Concen: 50.672 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

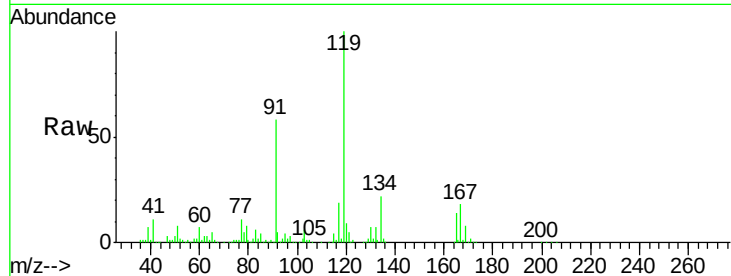
Tgt Ion:119 Resp: 532741

Ion Ratio Lower Upper

119 100

91 58.5 29.7 89.1

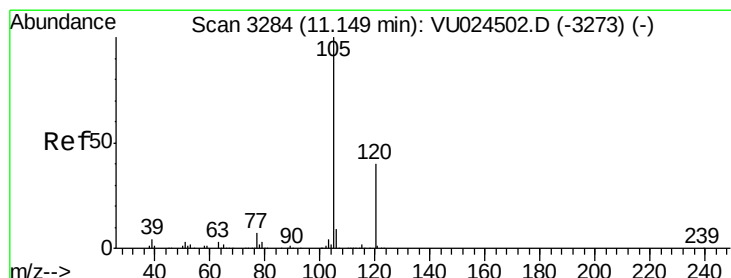
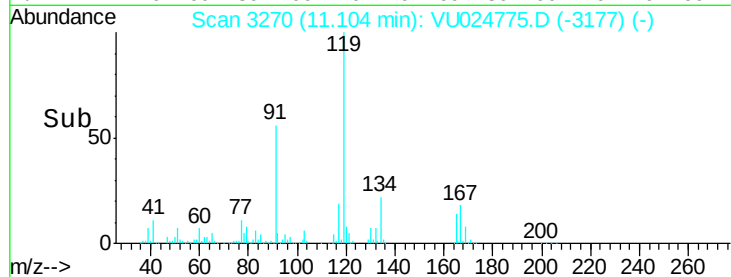
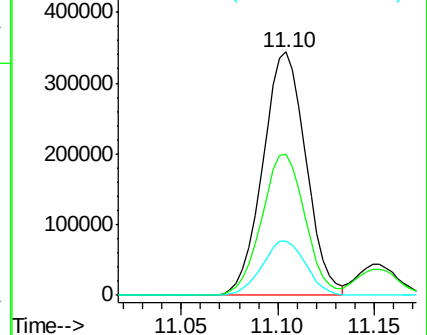
134 22.8 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.049 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU024775.D

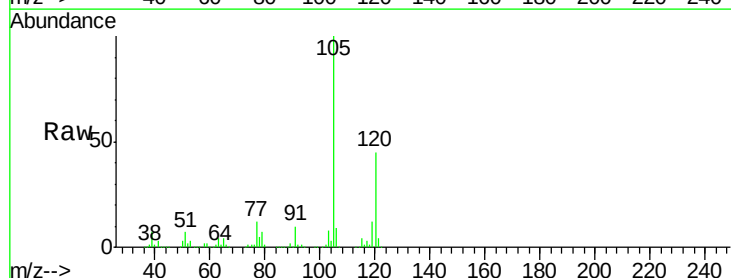
Acq: 20 Jun 2018 22:47

Tgt Ion:105 Resp: 546321

Ion Ratio Lower Upper

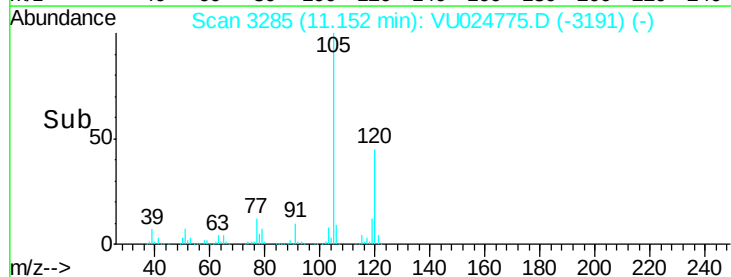
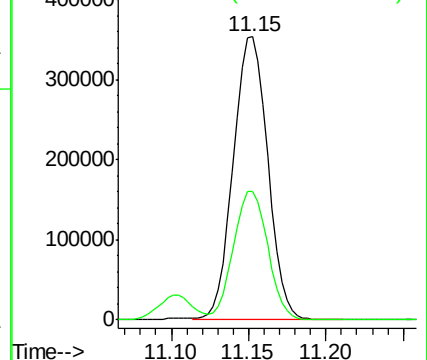
105 100

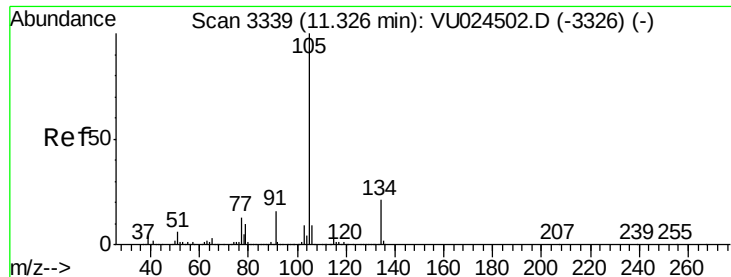
120 45.4 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.058 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

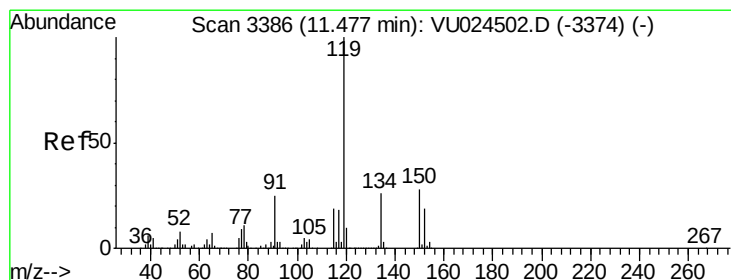
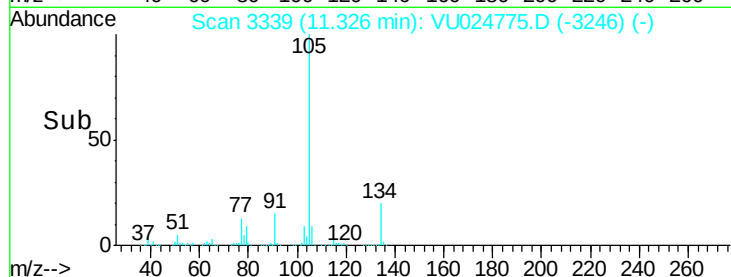
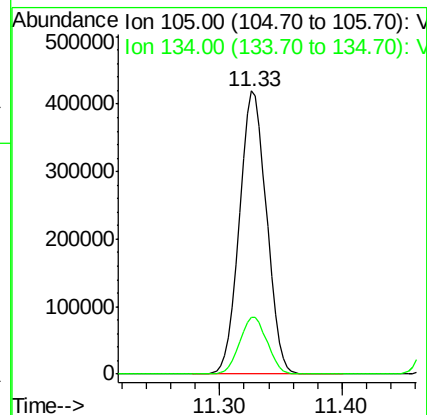
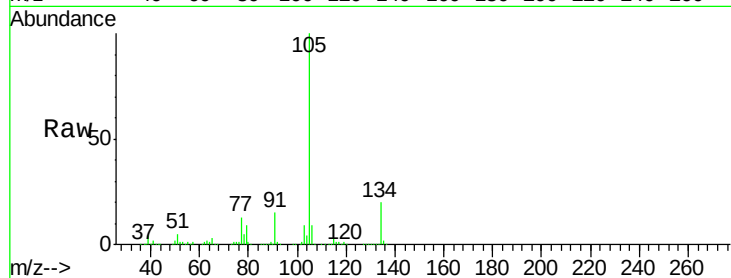
VSTDCCC050

Tgt Ion:105 Resp: 645604

Ion Ratio Lower Upper

105 100

134 20.4 9.7 29.1



#86

p-Isopropyltoluene

Concen: 48.328 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

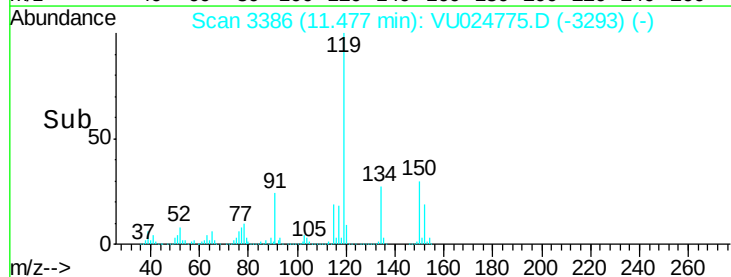
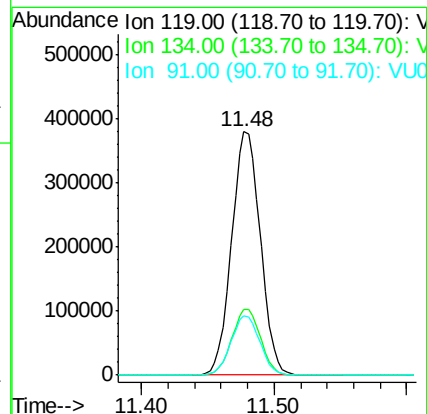
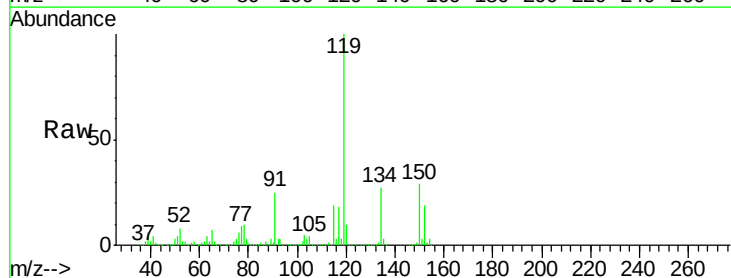
Tgt Ion:119 Resp: 569612

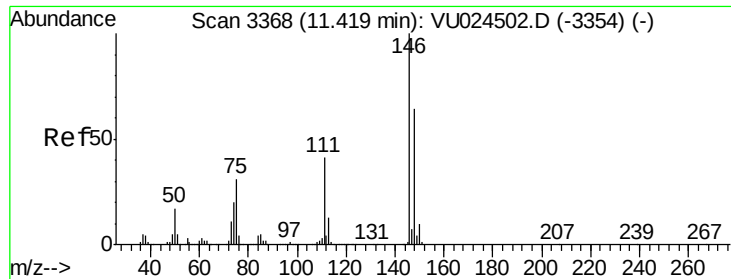
Ion Ratio Lower Upper

119 100

134 27.1 12.9 38.6

91 24.5 12.0 36.1

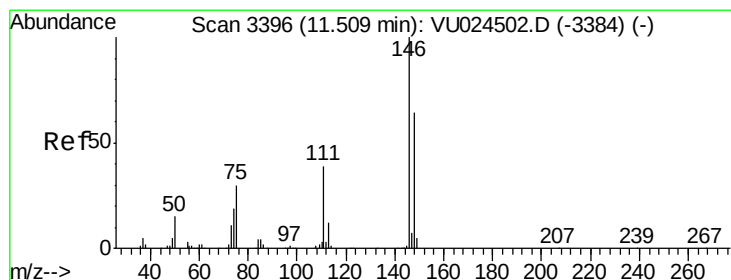
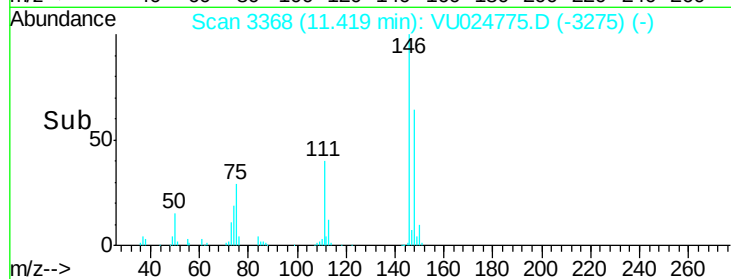
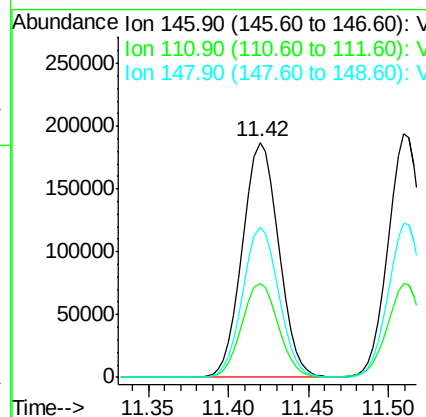
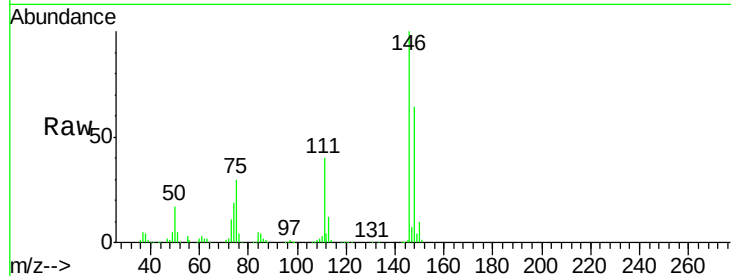




#87
 1,3-Dichlorobenzene
 Concen: 49.163 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

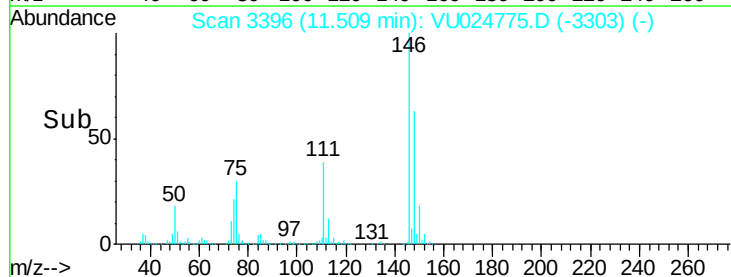
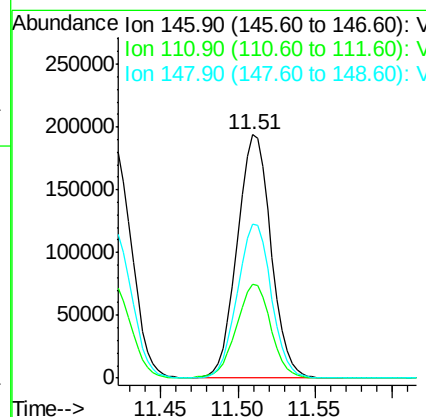
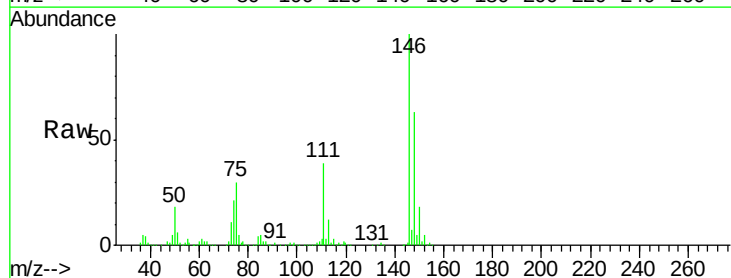
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

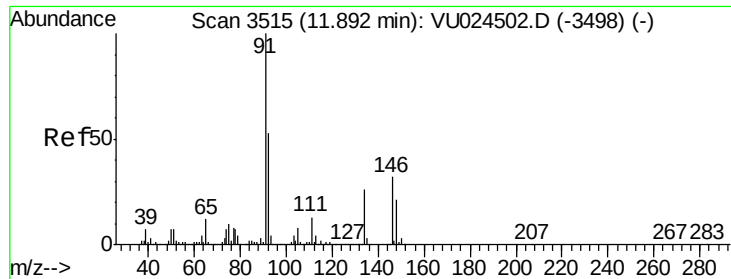
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.0	60.0
148	63.4	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 49.455 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.5	58.5
148	63.9	32.4	97.0

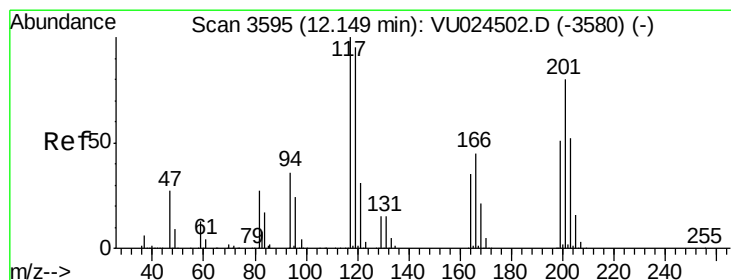
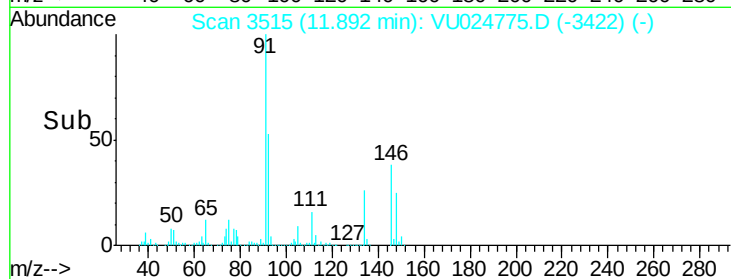
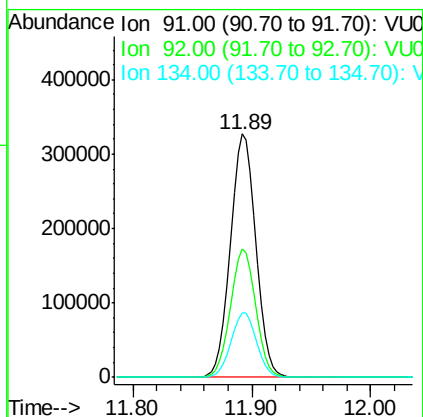
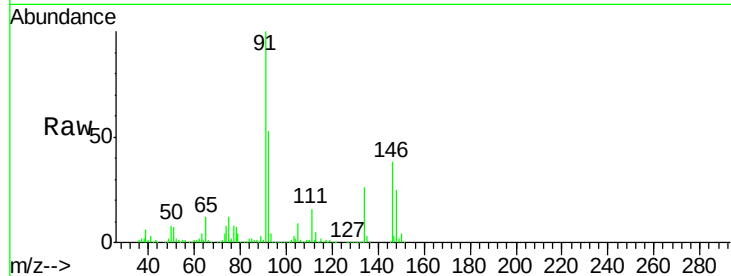




#89
n-Butylbenzene
Concen: 46.204 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

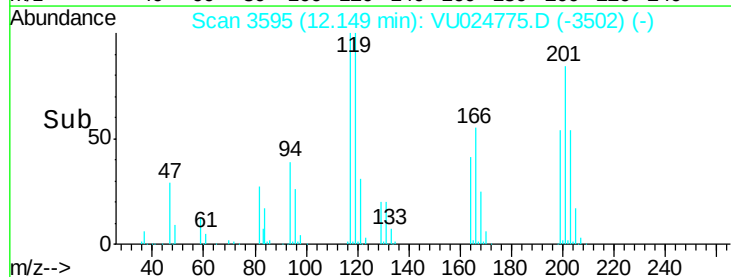
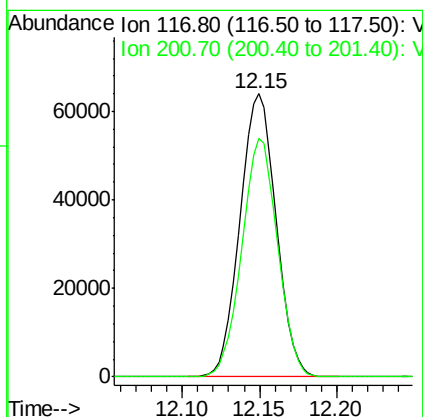
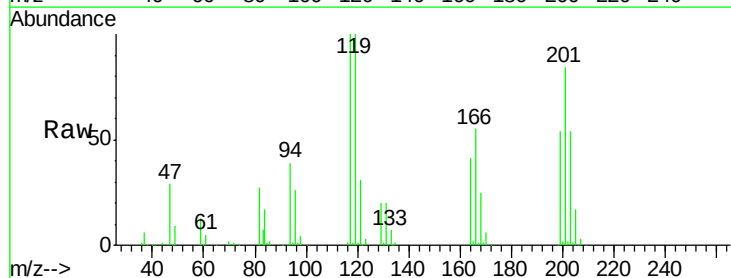
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

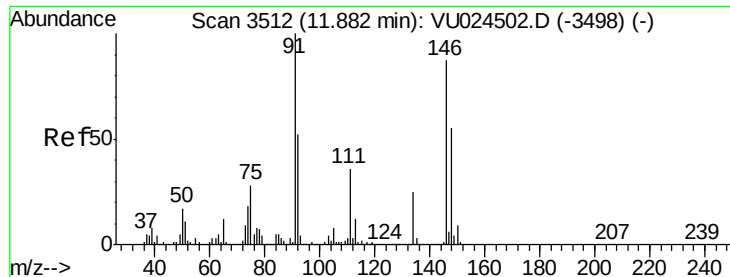
Tgt Ion: 91 Resp: 483488
Ion Ratio Lower Upper
91 100
92 52.4 25.6 76.8
134 26.6 12.3 36.8



#90
Hexachloroethane
Concen: 45.274 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Tgt Ion: 117 Resp: 104096
Ion Ratio Lower Upper
117 100
201 83.4 41.1 123.3

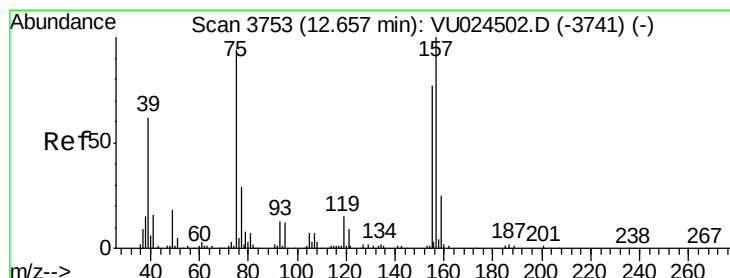
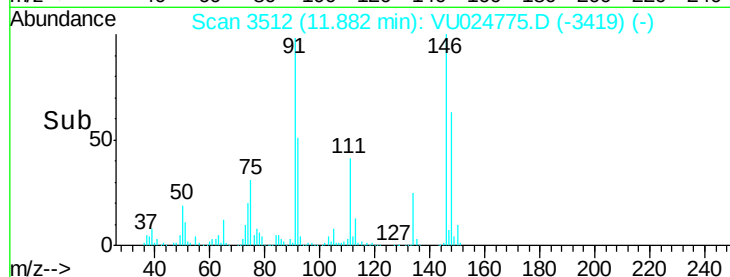
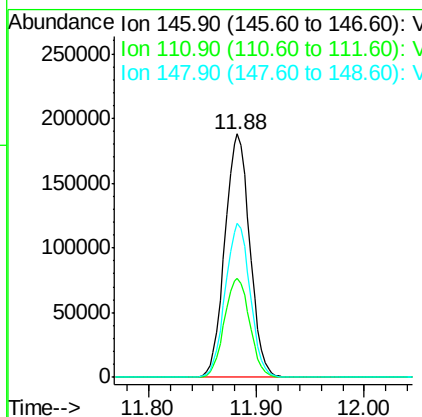
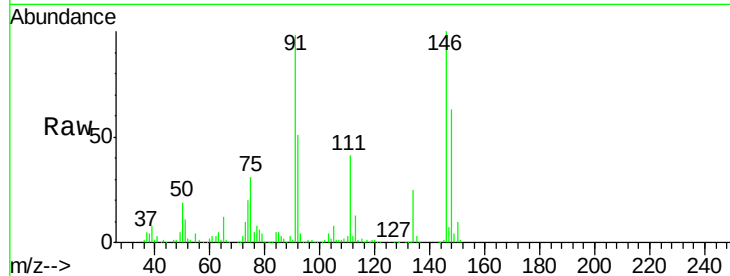




#91
 1,2-Dichlorobenzene
 Concen: 51.225 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

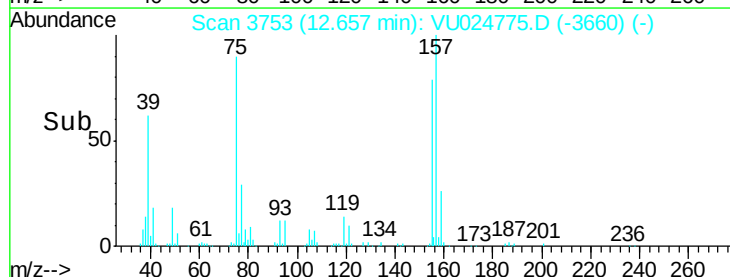
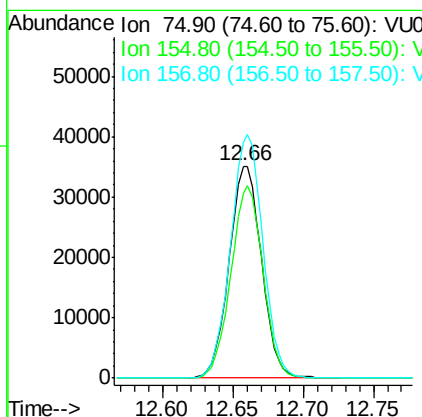
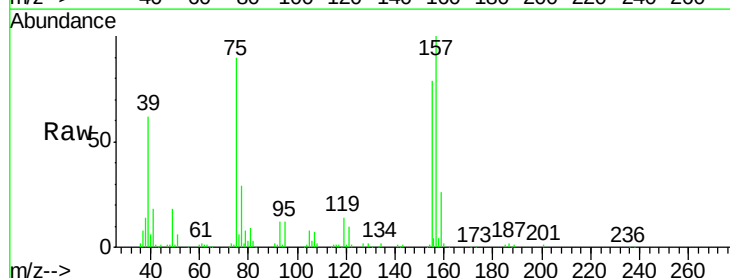
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

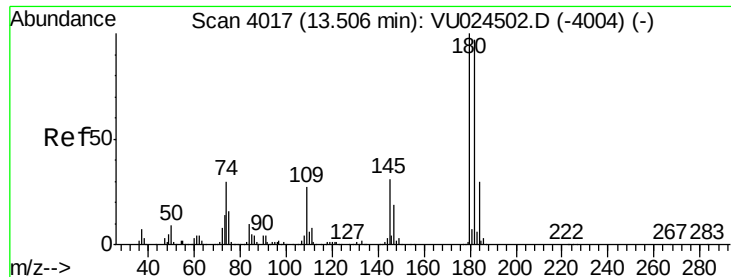
Tgt Ion: 146 Resp: 302612
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.5 61.6
 148 62.9 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.534 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Tgt Ion: 75 Resp: 56589
 Ion Ratio Lower Upper
 75 100
 155 89.4 40.4 121.2
 157 114.3 52.3 156.8

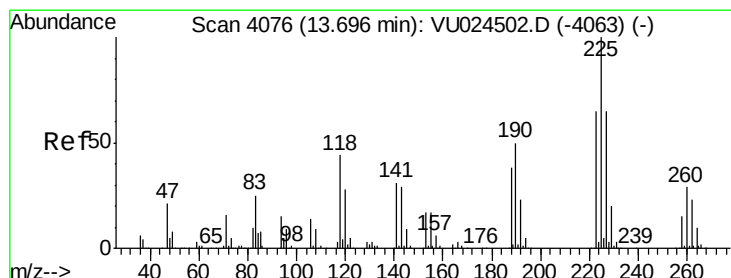
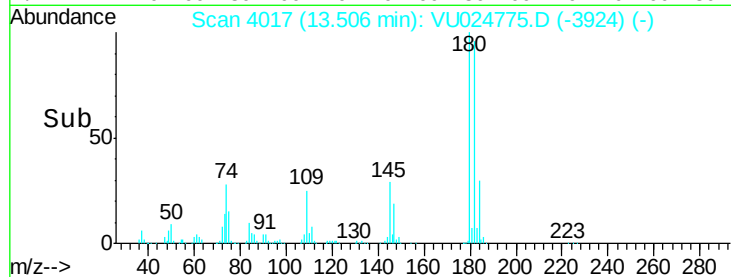
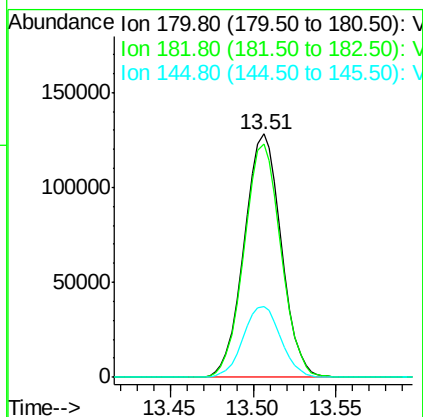
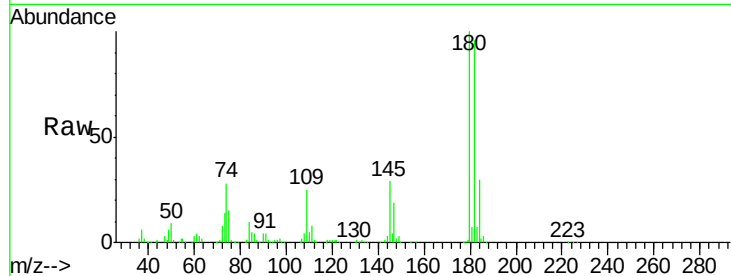




#93
 1,2,4-Trichlorobenzene
 Concen: 54.691 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

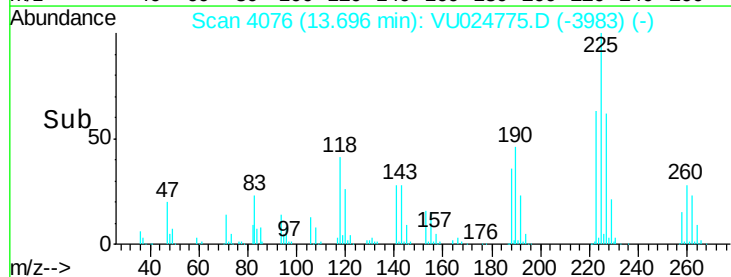
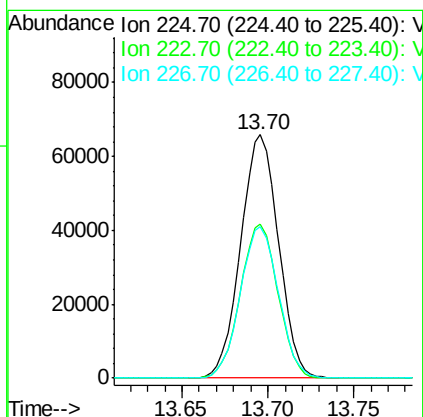
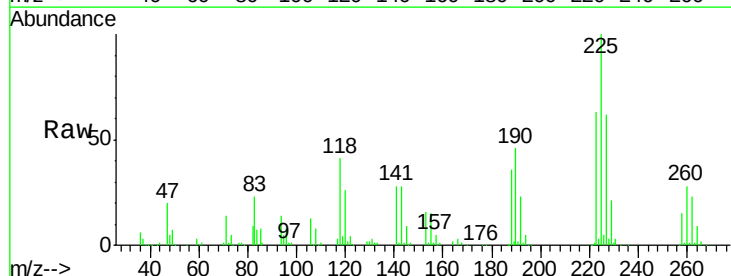
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

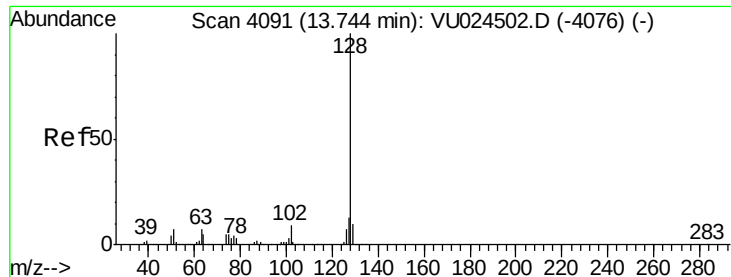
Tgt Ion:180 Resp: 199514
 Ion Ratio Lower Upper
 180 100
 182 95.6 48.0 144.2
 145 29.8 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 49.159 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Tgt Ion:225 Resp: 100938
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.3 93.8
 227 63.0 31.8 95.4





#95

Naphthalene

Concen: 55.601 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

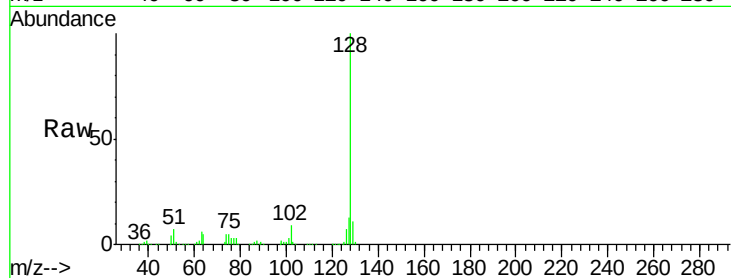
Tgt Ion:128 Resp: 672415

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

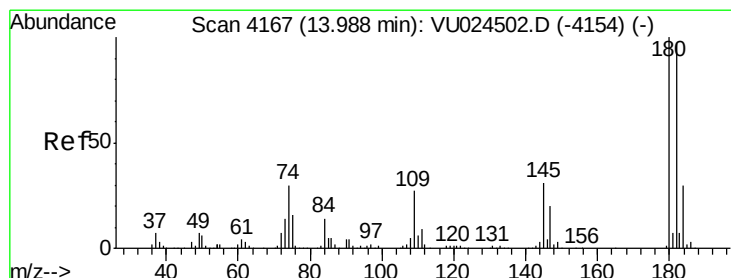
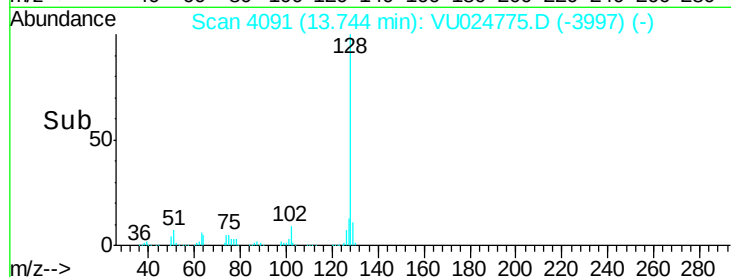
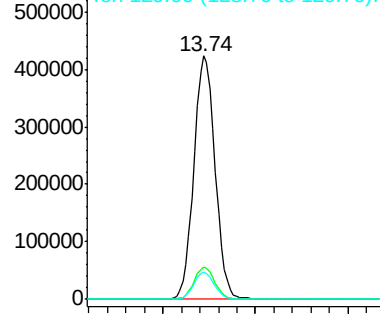
129 10.7 8.6 12.8



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: 57.634 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

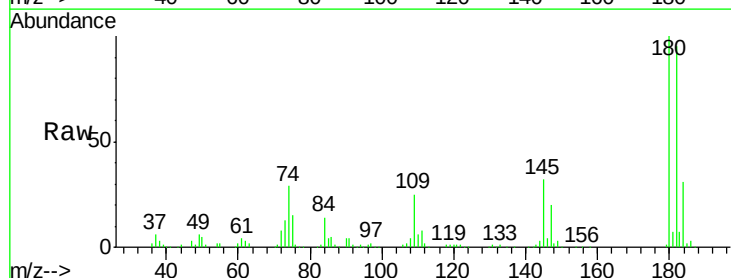
Tgt Ion:180 Resp: 209503

Ion Ratio Lower Upper

180 100

182 95.8 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

