

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062018\
 Data File : VU024773.D
 Acq On : 20 Jun 2018 21:35
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 21 07:53:49 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	181417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	279229	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	268580	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	164115	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	129315	43.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.32%	
35) Dibromofluoromethane	4.89	113	104611	45.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.28%	
50) Toluene-d8	7.57	98	380394	45.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.00%	
62) 4-Bromofluorobenzene	10.31	95	153169	45.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	102116	44.970	ug/l	100
3) Chloromethane	1.33	50	107312	46.257	ug/l	99
4) Vinyl Chloride	1.40	62	114114	47.696	ug/l	100
5) Bromomethane	1.62	94	66391	57.403	ug/l	97
6) Chloroethane	1.69	64	73385	54.997	ug/l	99
7) Trichlorofluoromethane	1.89	101	177737	48.679	ug/l	100
8) Diethyl Ether	2.10	74	67937	54.858	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	100010	44.151	ug/l	96
10) Methyl Iodide	2.41	142	87454	46.083	ug/l	99
11) Tert butyl alcohol	2.82	59	147357	204.576	ug/l	100
12) 1,1-Dichloroethene	2.28	96	93924	45.468	ug/l	92
13) Acrolein	2.19	56	75293	199.056	ug/l	99
14) Allyl chloride	2.59	41	163472	42.621	ug/l	95
15) Acrylonitrile	2.93	53	334804	238.901	ug/l	99
16) Acetone	2.32	43	302577	190.144	ug/l	97
17) Carbon Disulfide	2.48	76	283416	42.848	ug/l	99
18) Methyl Acetate	2.62	43	174841	51.252	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	368559	47.465	ug/l	98
20) Methylene Chloride	2.70	84	114418	45.825	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	103254	45.383	ug/l	97
22) Diisopropyl ether	3.57	45	367913	48.389	ug/l	98
23) Vinyl Acetate	3.53	43	1626340	238.785	ug/l	99
24) 1,1-Dichloroethane	3.45	63	204808	46.825	ug/l	100
25) 2-Butanone	4.26	43	493381	230.824	ug/l	97
26) 2,2-Dichloropropane	4.23	77	166614	40.117	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	123767	47.318	ug/l	98
28) Bromochloromethane	4.55	49	83574	43.380	ug/l	89
29) Tetrahydrofuran	4.64	42	314744	237.781	ug/l	96
30) Chloroform	4.68	83	215979	48.785	ug/l	98
31) Cyclohexane	5.00	56	188876	48.571	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	195392	47.728	ug/l	96
36) 1,1-Dichloropropene	5.14	75	153572	46.804	ug/l	96
37) Ethyl Acetate	4.38	43	183497	51.310	ug/l #	96
38) Carbon Tetrachloride	5.14	117	176412	48.892	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062018\
 Data File : VU024773.D
 Acq On : 20 Jun 2018 21:35
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Jun 21 07:53:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	190763	46.589	ug/l	95
40) Benzene	5.39	78	463482	49.573	ug/l	99
41) Methacrylonitrile	4.54	41	101933	52.865	ug/l	97
42) 1,2-Dichloroethane	5.41	62	181954	51.098	ug/l	99
43) Isopropyl Acetate	5.55	43	296542	47.971	ug/l	98
44) Trichloroethene	6.19	130	125008	46.980	ug/l	98
45) 1,2-Dichloropropane	6.44	63	125253	50.208	ug/l	96
46) Dibromomethane	6.56	93	89216	50.914	ug/l	96
47) Bromodichloromethane	6.76	83	173226	49.645	ug/l	99
48) Methyl methacrylate	6.63	41	149855	49.784	ug/l	99
49) 1,4-Dioxane	6.61	88	59615	1012.718	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	975918	251.290	ug/l	98
52) Toluene	7.64	92	299892	49.856	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	189100	48.258	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	196547	47.073	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	123992	50.711	ug/l	99
56) Ethyl methacrylate	8.02	69	204369	49.938	ug/l	99
57) 1,3-Dichloropropane	8.25	76	208161	50.467	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	354957	226.399	ug/l	95
59) 2-Hexanone	8.36	43	774523	244.281	ug/l	99
60) Dibromochloromethane	8.48	129	145051	47.573	ug/l	100
61) 1,2-Dibromoethane	8.59	107	137606	50.564	ug/l	98
64) Tetrachloroethene	8.23	164	116419	45.602	ug/l	99
65) Chlorobenzene	9.12	112	340459	49.621	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	129883	49.826	ug/l	98
67) Ethyl Benzene	9.25	91	590389	49.083	ug/l	98
68) m/p-Xylenes	9.38	106	458340	99.232	ug/l	97
69) o-Xylene	9.78	106	228271	49.938	ug/l	97
70) Styrene	9.80	104	379979	50.584	ug/l	99
71) Bromoform	9.96	173	118314	47.752	ug/l #	100
73) Isopropylbenzene	10.17	105	617024	48.970	ug/l	99
74) N-amyl acetate	10.01	43	292349	48.780	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	212050	50.221	ug/l	100
76) 1,2,3-Trichloropropane	10.50	75	238686	66.059	ug/l	85
77) Bromobenzene	10.45	156	158219	49.600	ug/l	95
78) n-propylbenzene	10.59	91	702701	47.343	ug/l	97
79) 2-Chlorotoluene	10.66	91	423833	48.421	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	534829	48.972	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	238686	152.888	ug/l #	100
82) 4-Chlorotoluene	10.78	91	490485	48.145	ug/l	98
83) tert-Butylbenzene	11.10	119	531589	50.602	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	548848	49.314	ug/l	100
85) sec-Butylbenzene	11.33	105	645734	49.106	ug/l	98
86) p-Isopropyltoluene	11.48	119	573962	48.735	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	292560	49.643	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	295931	49.890	ug/l	99
89) n-Butylbenzene	11.89	91	490695	46.930	ug/l	97
90) Hexachloroethane	12.15	117	102803	44.747	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	299273	50.699	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	57724	49.546	ug/l	93

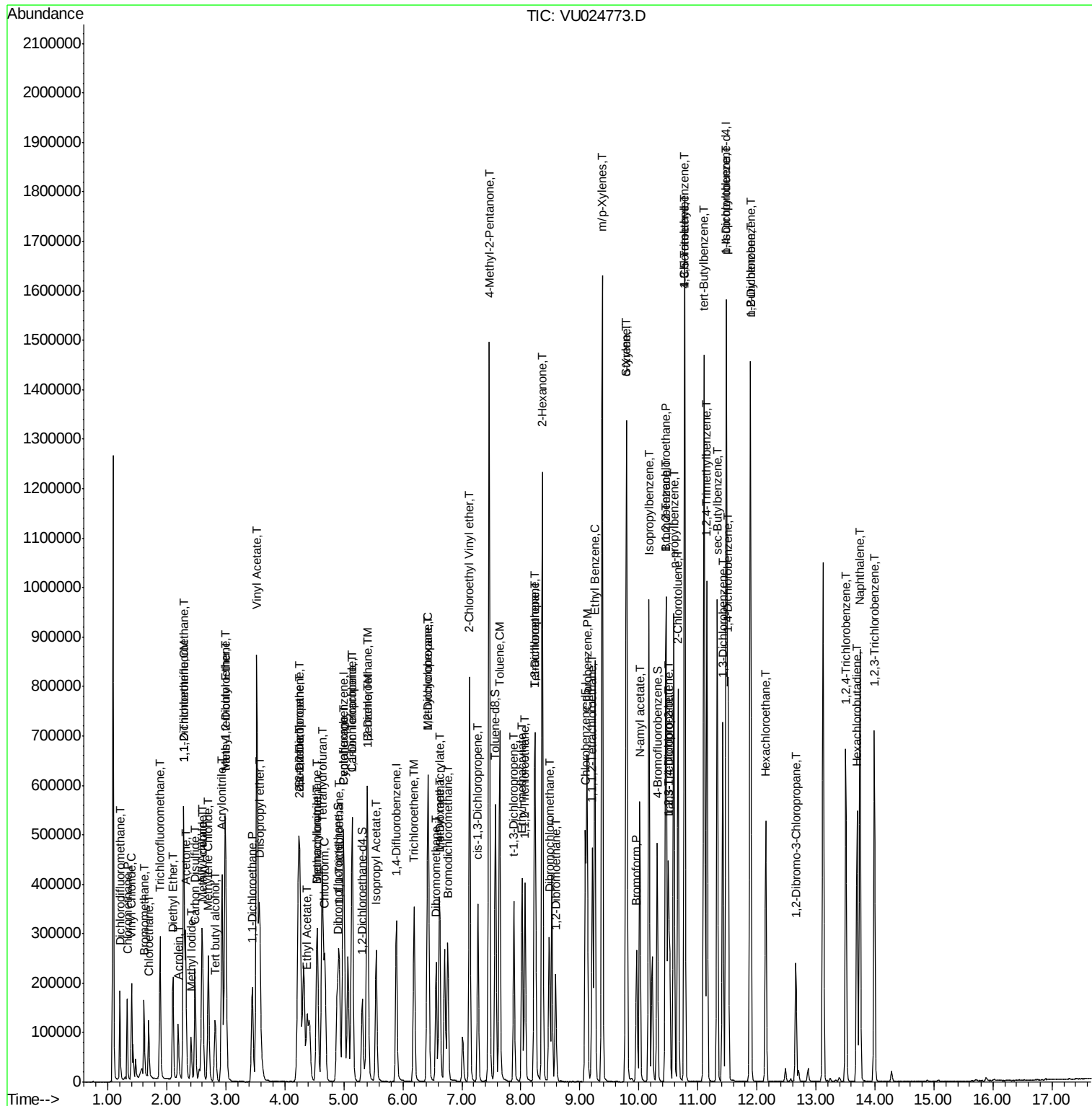
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062018\
Data File : VU024773.D
Acq On : 20 Jun 2018 21:35
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

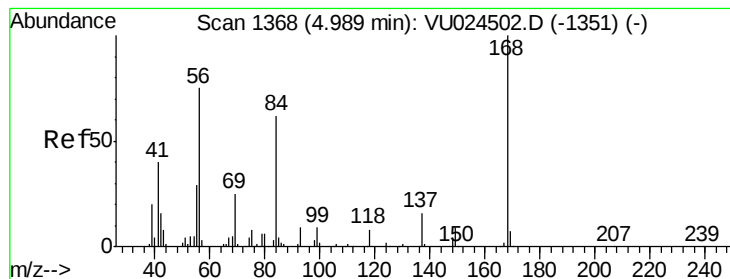
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 21 07:53:49 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)
93) 1,2,4-Trichlorobenzene	13.51	180	206478	56.644	ug/l	99
94) Hexachlorobutadiene	13.70	225	103897	50.639	ug/l	98
95) Naphthalene	13.74	128	679889	56.255	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	214698	59.110	ug/l	99

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

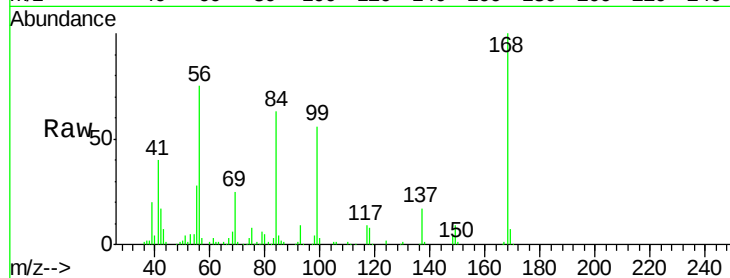
VSTDCCC050EC

Tgt Ion:168 Resp: 181417

Ion Ratio Lower Upper

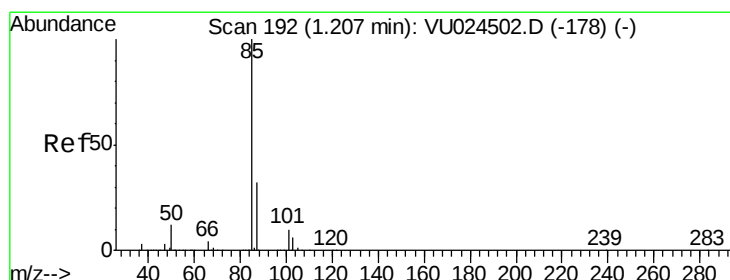
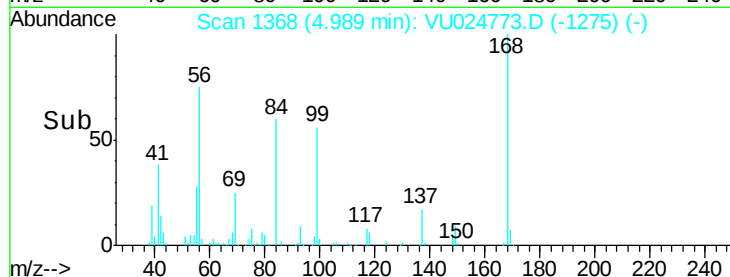
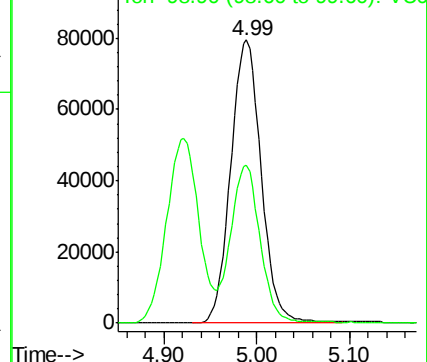
168 100

99 55.5 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#2

Dichlorodifluoromethane

Concen: 44.970 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024773.D

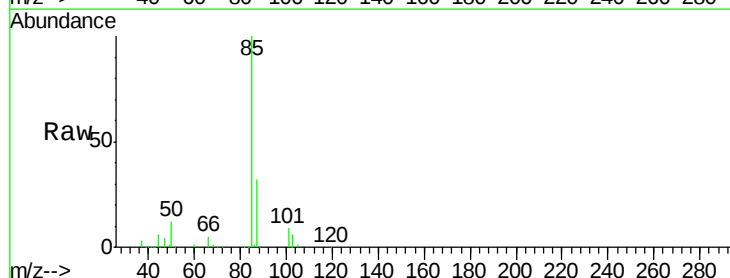
Acq: 20 Jun 2018 21:35

Tgt Ion: 85 Resp: 102116

Ion Ratio Lower Upper

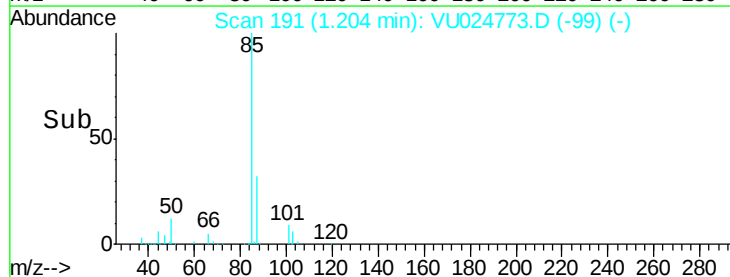
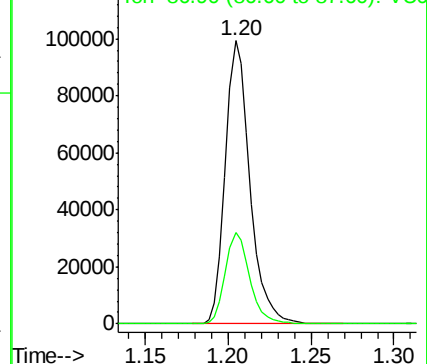
85 100

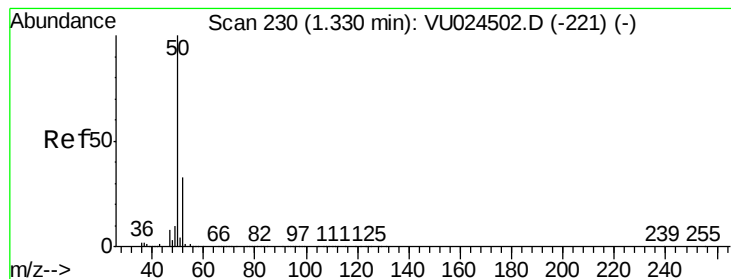
87 32.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU0

Ion 86.90 (86.60 to 87.60): VU0





#3

Chloromethane

Concen: 46.257 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

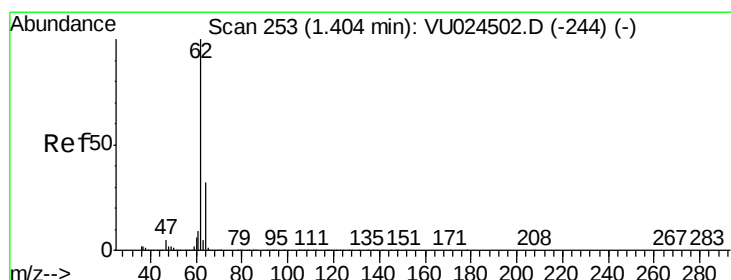
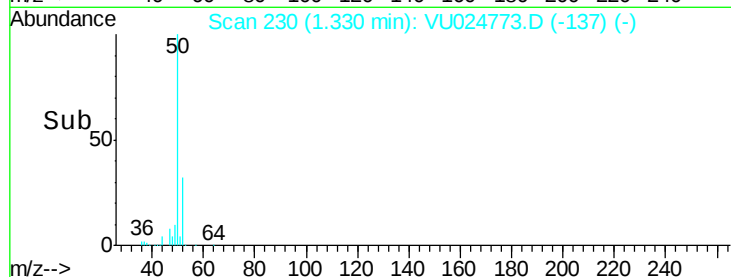
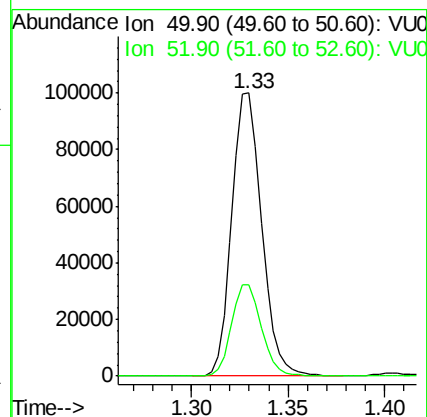
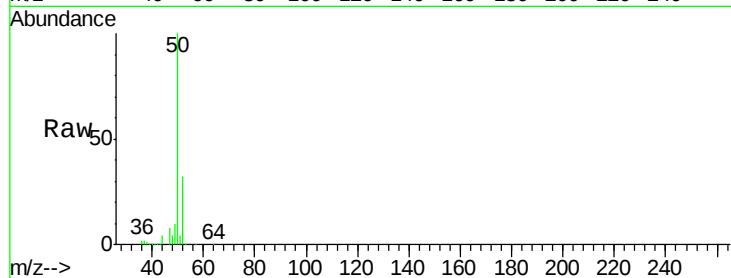
VSTDCCC050EC

Tgt Ion: 50 Resp: 107312

Ion Ratio Lower Upper

50 100

52 32.3 26.4 39.6



#4

Vinyl Chloride

Concen: 47.696 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024773.D

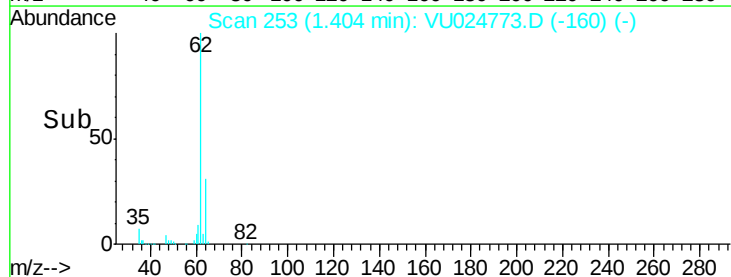
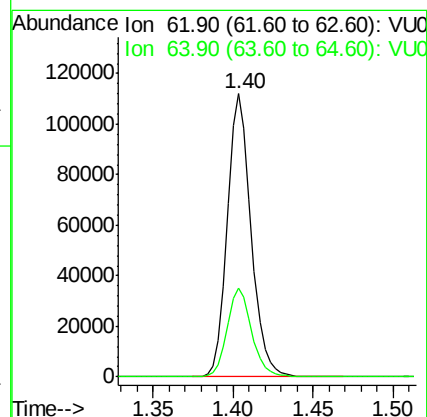
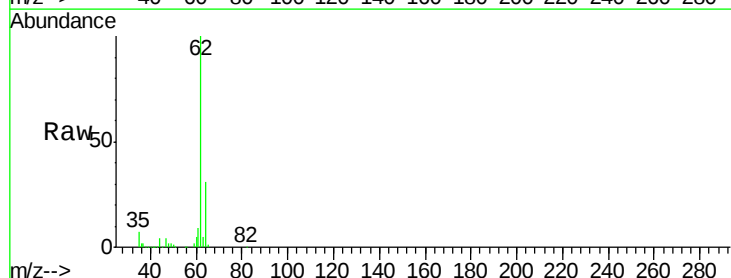
Acq: 20 Jun 2018 21:35

Tgt Ion: 62 Resp: 114114

Ion Ratio Lower Upper

62 100

64 31.1 24.8 37.2





#5

Bromomethane

Concen: 57.403 ug/l

RT: 1.62 min Scan# 319

Delta R.T. -0.01 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

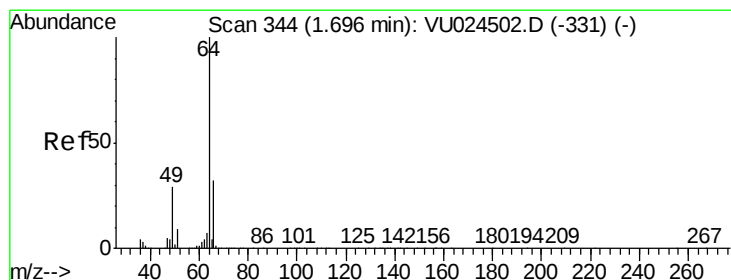
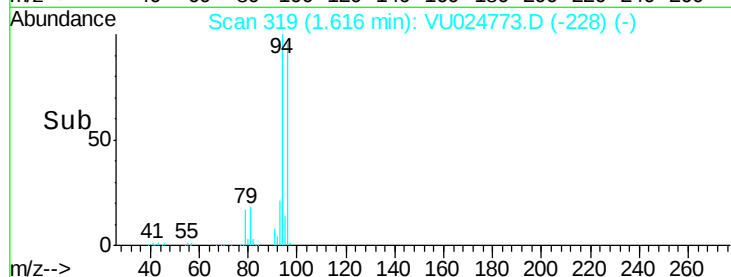
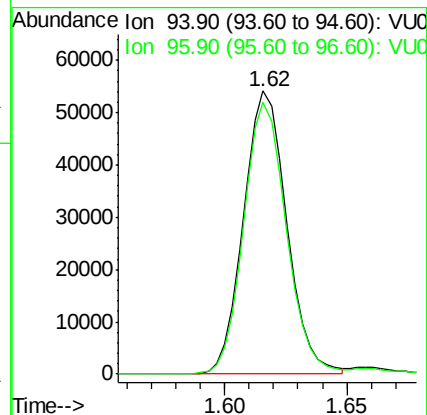
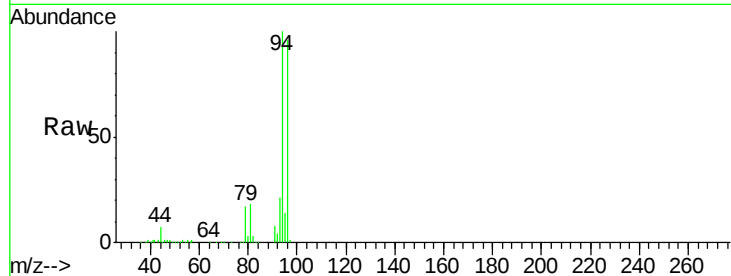
VSTDCCC050EC

Tgt Ion: 94 Resp: 66391

Ion Ratio Lower Upper

94 100

96 95.7 74.5 111.7



#6

Chloroethane

Concen: 54.997 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU024773.D

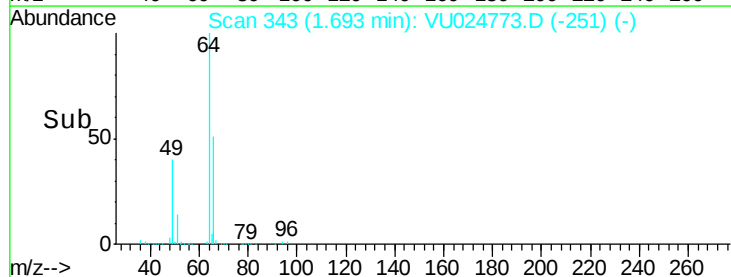
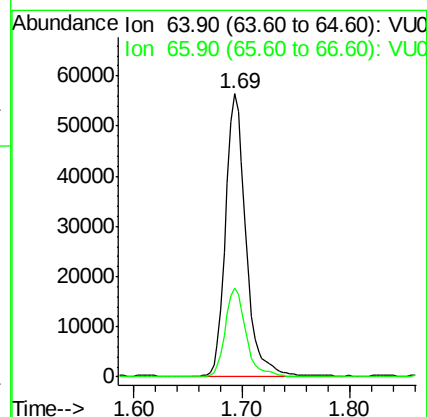
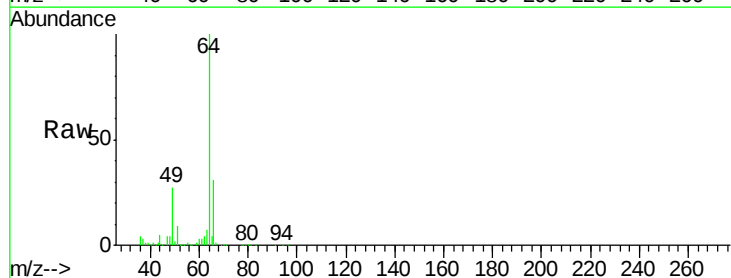
Acq: 20 Jun 2018 21:35

Tgt Ion: 64 Resp: 73385

Ion Ratio Lower Upper

64 100

66 31.3 25.5 38.3



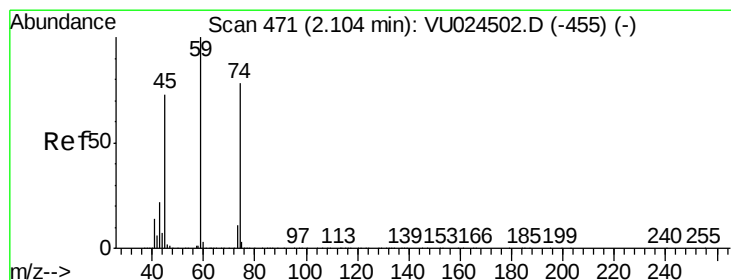
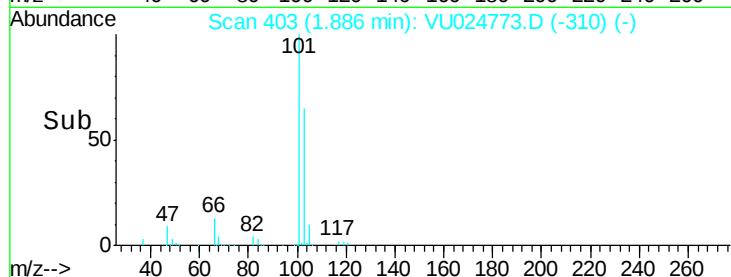
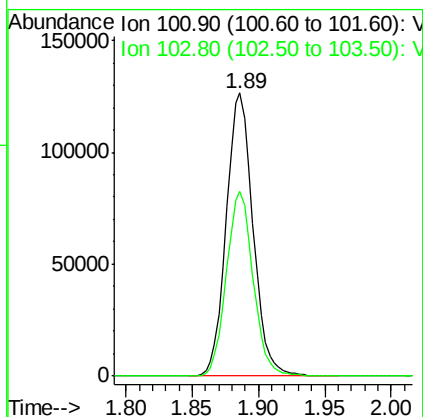
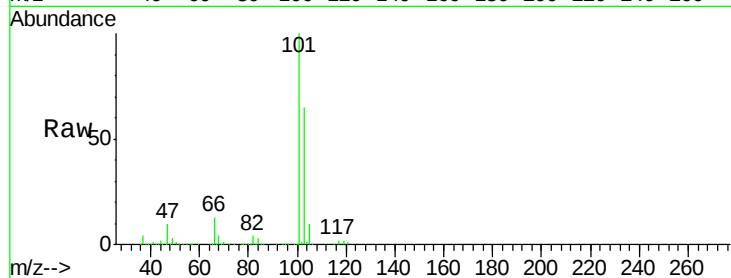


#7

Trichlorofluoromethane
Concen: 48.679 ug/l
RT: 1.89 min Scan# 403
Delta R.T. 0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

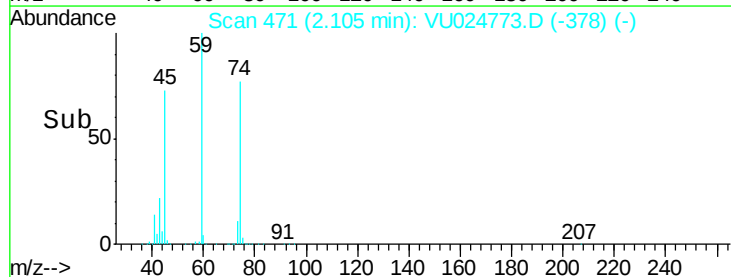
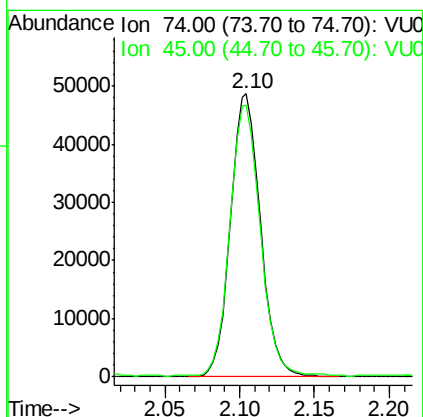
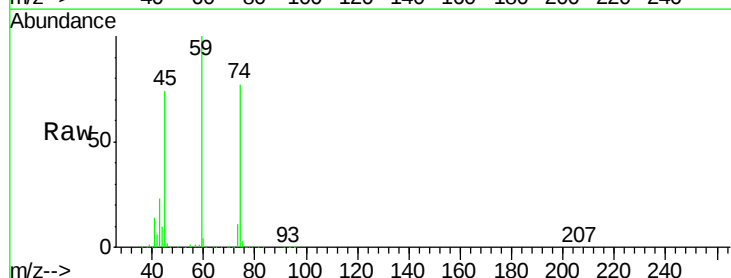
Tgt Ion:101 Resp: 177737
Ion Ratio Lower Upper
101 100
103 65.3 52.3 78.5



#8

Diethyl Ether
Concen: 54.858 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Tgt Ion: 74 Resp: 67937
Ion Ratio Lower Upper
74 100
45 97.0 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.151 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

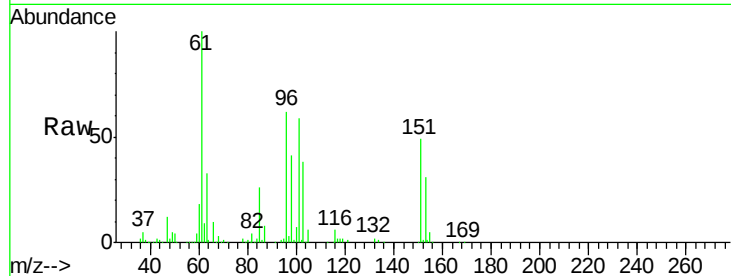
Tgt Ion:101 Resp: 100010

Ion Ratio Lower Upper

101 100

85 44.7 36.0 54.0

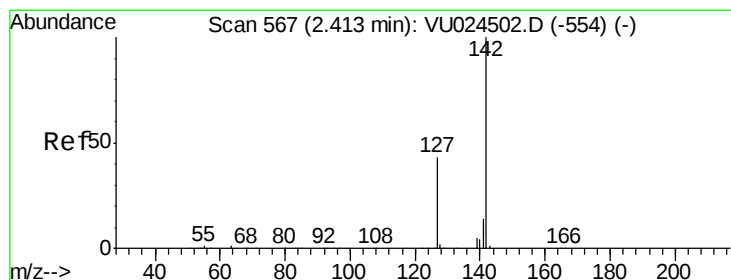
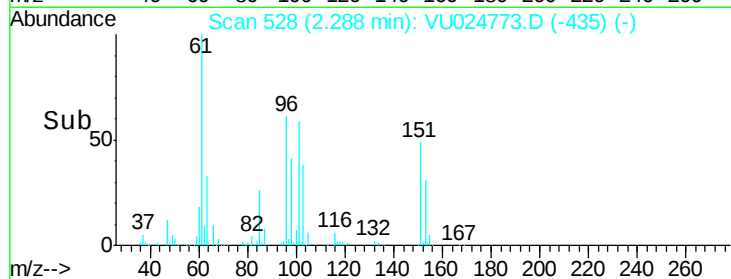
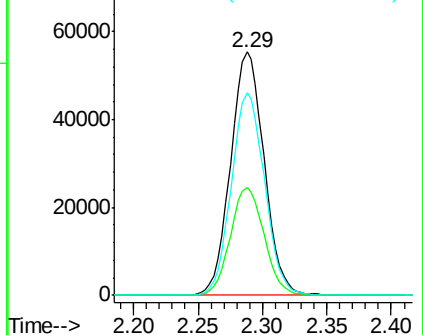
151 82.7 62.3 93.5



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: 46.083 ug/l

RT: 2.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

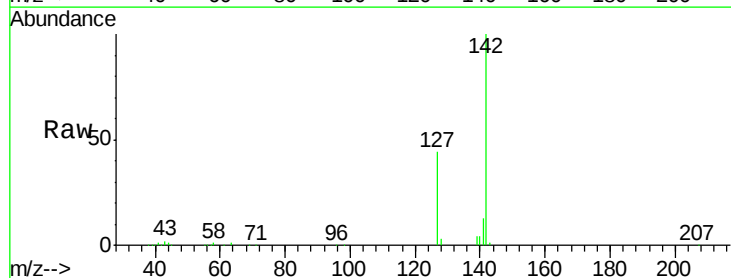
Tgt Ion:142 Resp: 87454

Ion Ratio Lower Upper

142 100

127 44.7 35.6 53.4

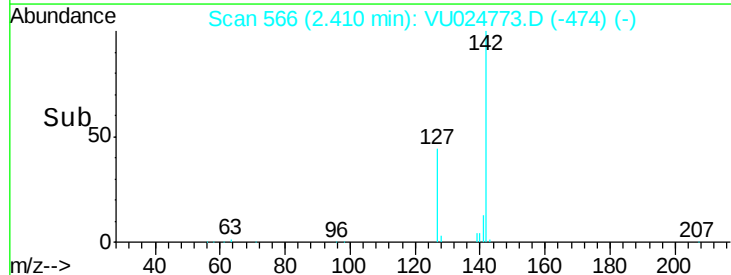
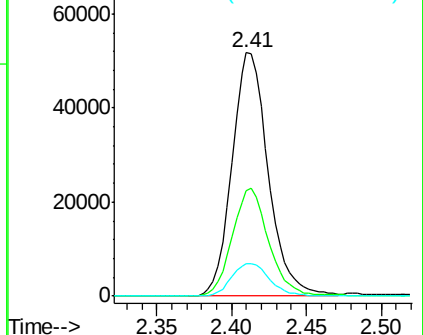
141 14.0 11.7 17.5



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



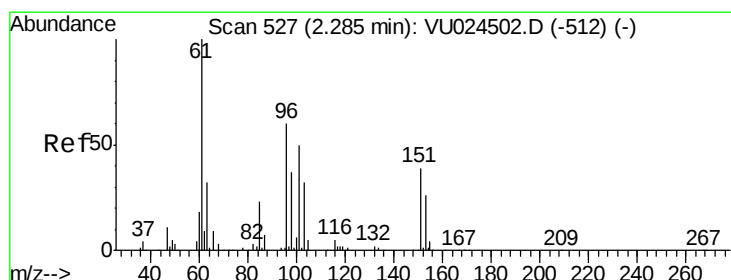
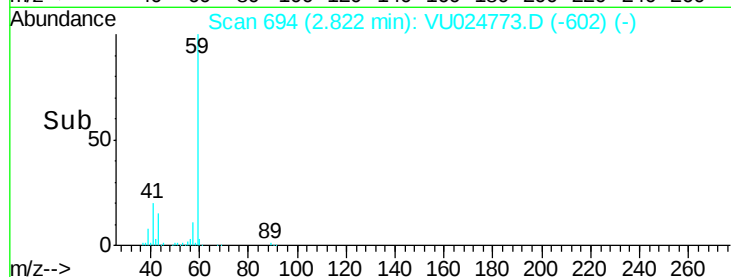
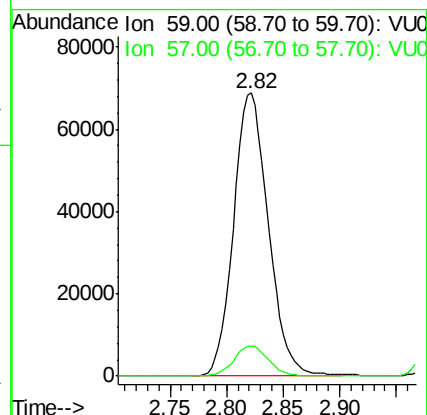
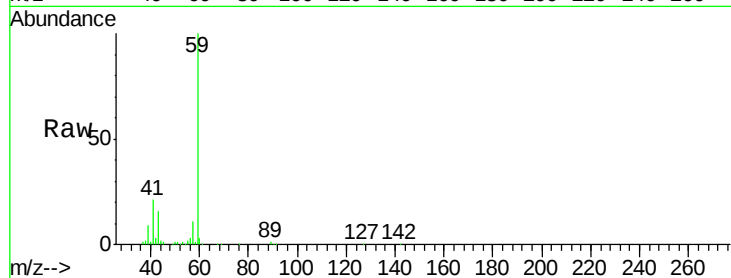


#11

Tert butyl alcohol
 Concen: 204.576 ug/l
 RT: 2.82 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

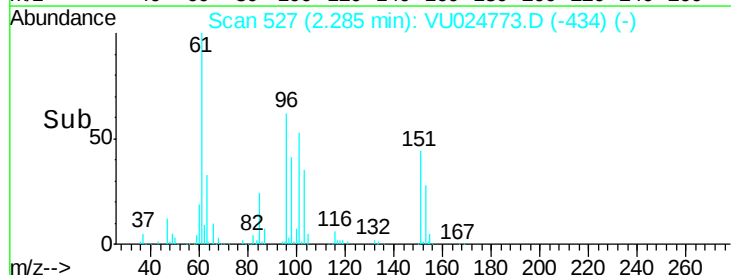
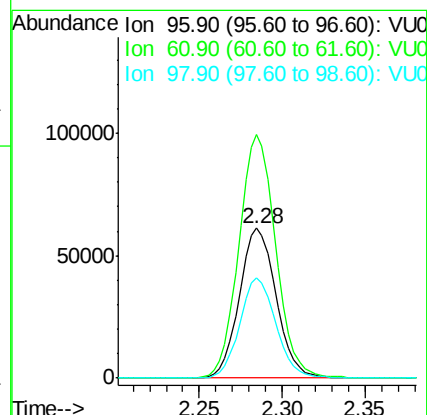
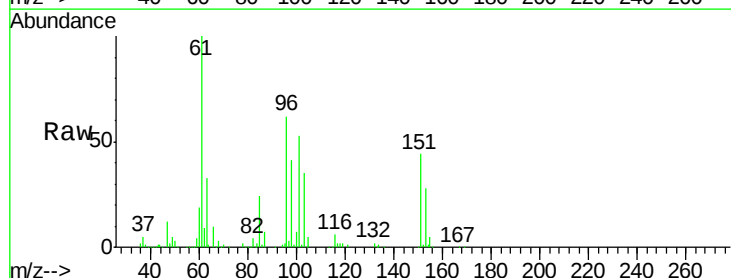
Tgt Ion: 59 Resp: 147357
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.5 12.7

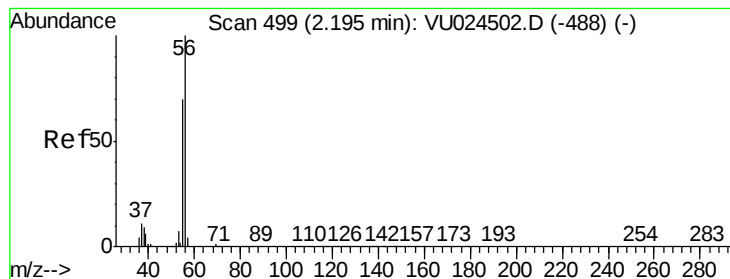


#12

1,1-Dichloroethene
 Concen: 45.468 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

Tgt Ion: 96 Resp: 93924
 Ion Ratio Lower Upper
 96 100
 61 162.6 141.7 212.5
 98 67.1 51.6 77.4





#13

Acrolein

Concen: 199.056 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

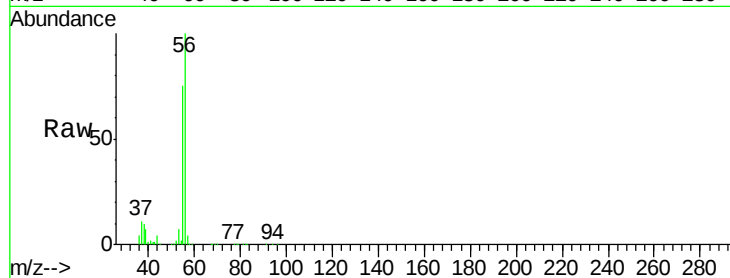
VSTDCCC050EC

Tgt Ion: 56 Resp: 75293

Ion Ratio Lower Upper

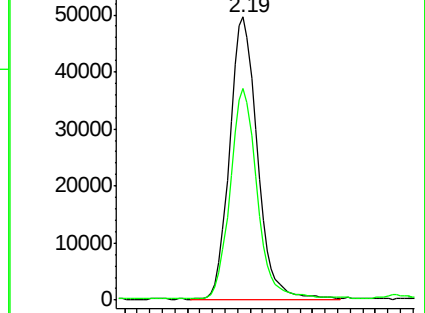
56 100

55 72.1 58.4 87.6

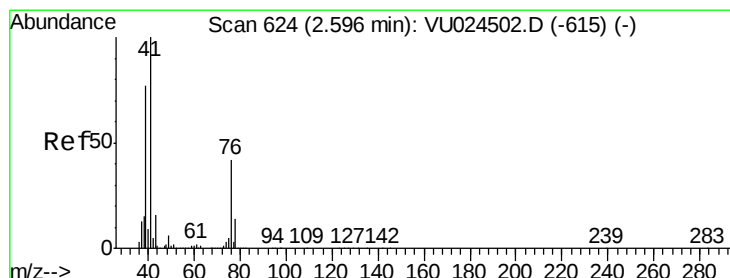
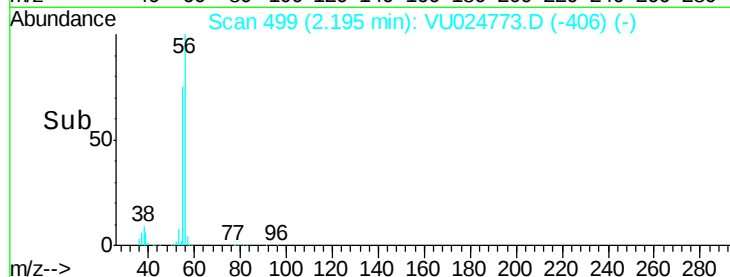


Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



Time--> 2.10 2.15 2.20 2.25 2.30



#14

Allyl chloride

Concen: 42.621 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

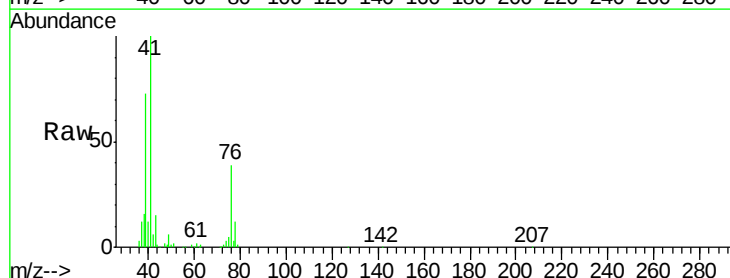
Tgt Ion: 41 Resp: 163472

Ion Ratio Lower Upper

41 100

39 71.1 61.6 92.4

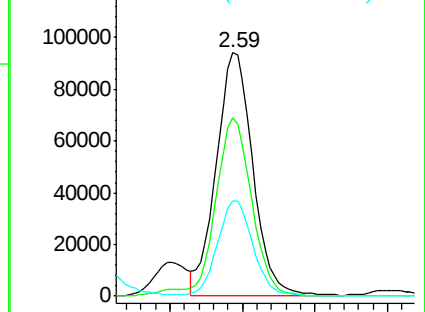
76 37.7 29.7 44.5



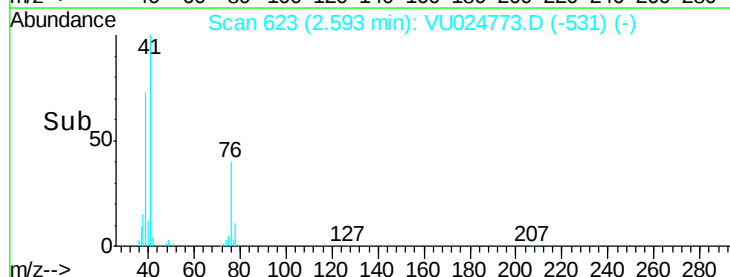
Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0



Time--> 2.55 2.60 2.65 2.70





#15

Acrylonitrile

Concen: 238.901 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

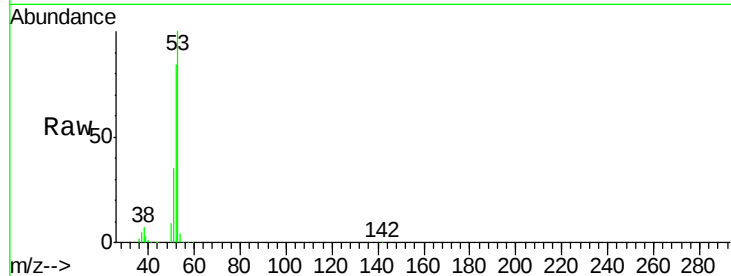
Tgt Ion: 53 Resp: 334804

Ion Ratio Lower Upper

53 100

52 83.0 67.1 100.7

51 36.2 28.4 42.6

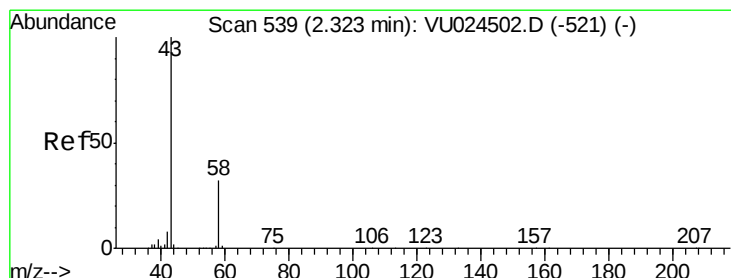
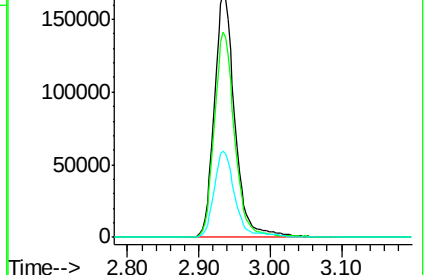
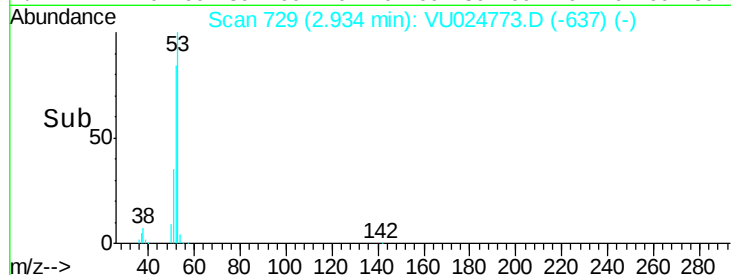


Abundance Ion 53.00 (52.70 to 53.70): VU024773.D (-637) (-)

Ion 52.00 (51.70 to 52.70): VU024773.D (-637) (-)

Ion 51.00 (50.70 to 51.70): VU024773.D (-637) (-)

2.93



#16

Acetone

Concen: 190.144 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024773.D

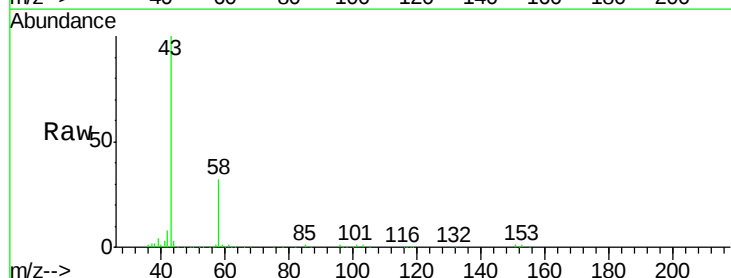
Acq: 20 Jun 2018 21:35

Tgt Ion: 43 Resp: 302577

Ion Ratio Lower Upper

43 100

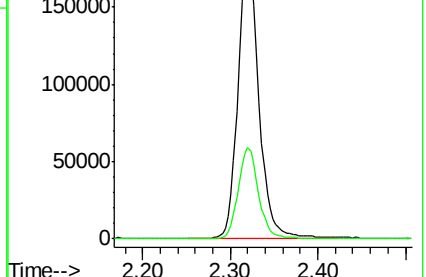
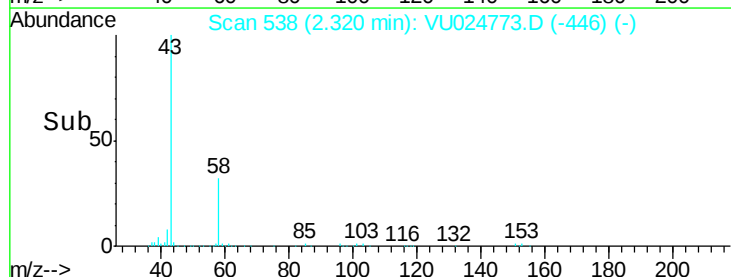
58 32.0 24.4 36.6

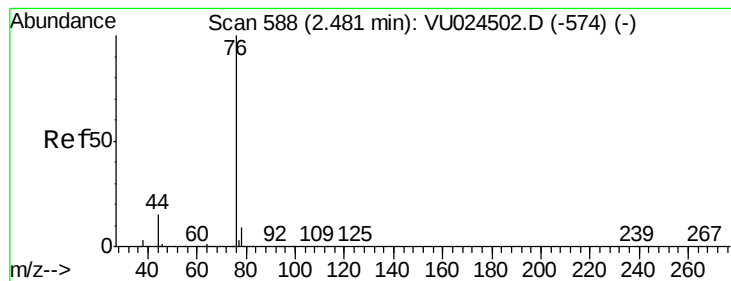


Abundance Ion 43.00 (42.70 to 43.70): VU024773.D (-446) (-)

Ion 58.00 (57.70 to 58.70): VU024773.D (-446) (-)

2.32





#17

Carbon Disulfide

Concen: 42.848 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

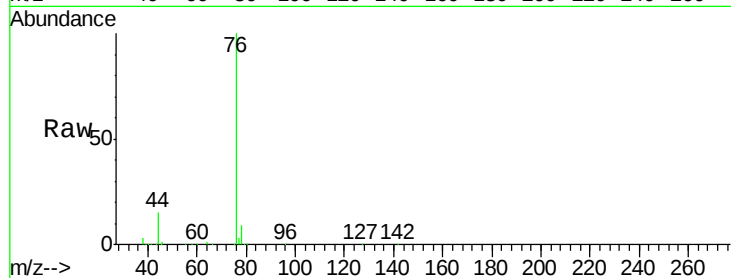
VSTDCCC050EC

Tgt Ion: 76 Resp: 283416

Ion Ratio Lower Upper

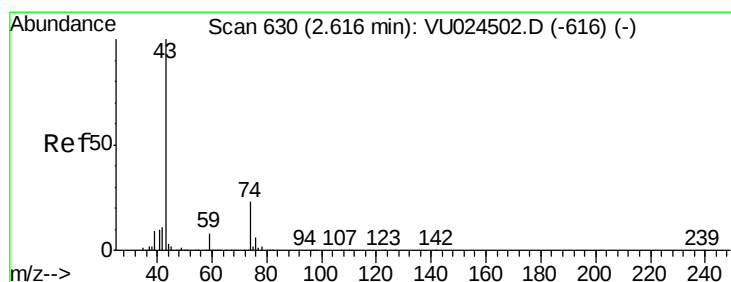
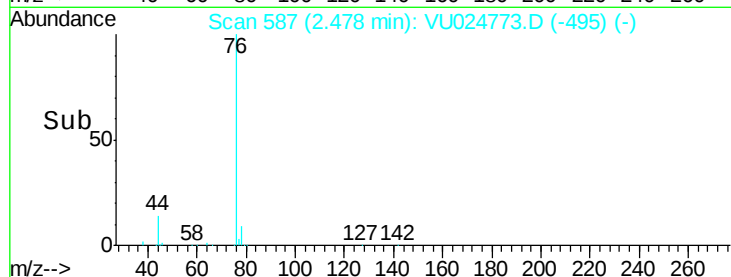
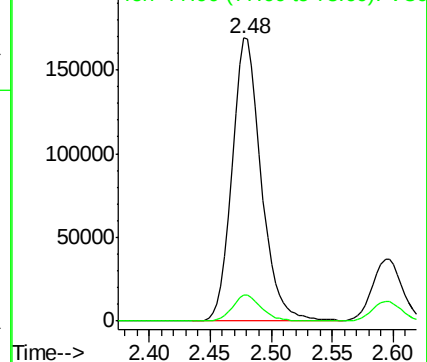
76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU024773.D (-574) (-)

Ion 77.90 (77.60 to 78.60): VU024773.D (-574) (-)



#18

Methyl Acetate

Concen: 51.252 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU024773.D

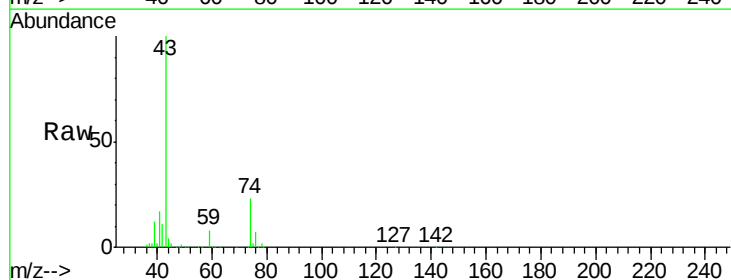
Acq: 20 Jun 2018 21:35

Tgt Ion: 43 Resp: 174841

Ion Ratio Lower Upper

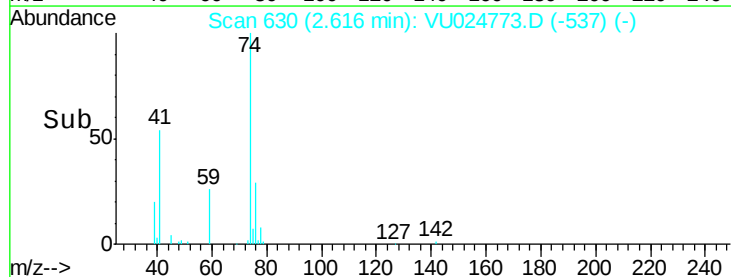
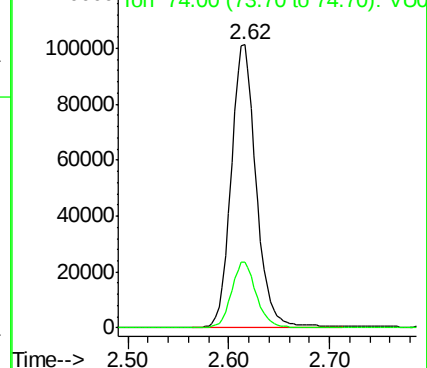
43 100

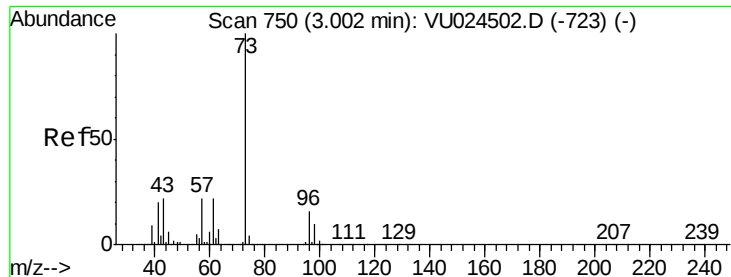
74 23.3 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU024773.D (-537) (-)

Ion 74.00 (73.70 to 74.70): VU024773.D (-537) (-)





#19

Methyl tert-butyl Ether

Concen: 47.465 ug/l

RT: 3.00 min Scan# 749

Delta R.T. -0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

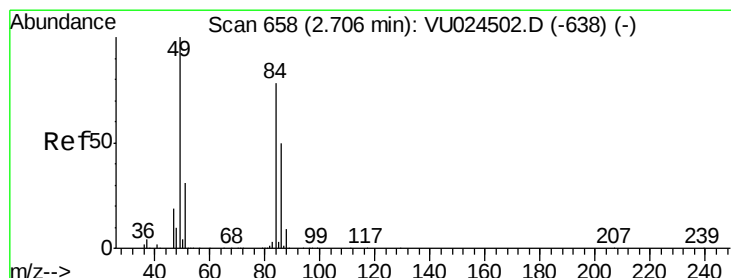
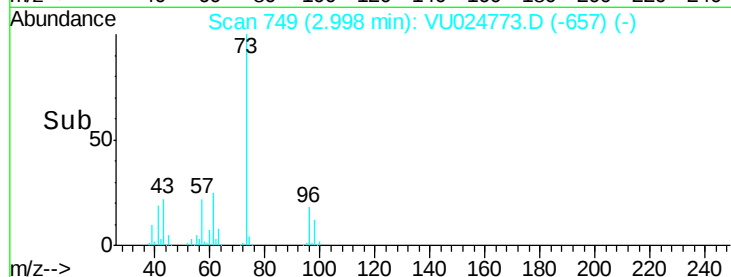
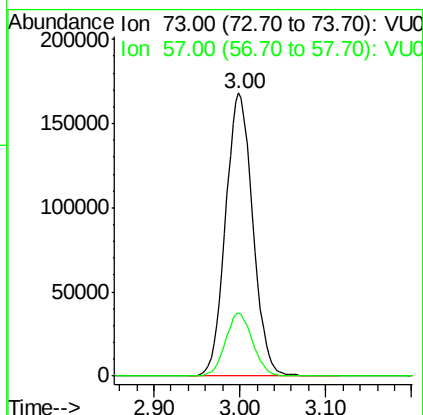
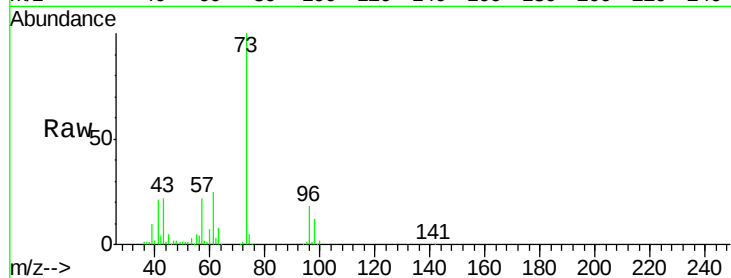
VSTDCCC050EC

Tgt Ion: 73 Resp: 368559

Ion Ratio Lower Upper

73 100

57 22.4 18.8 28.2



#20

Methylene Chloride

Concen: 45.825 ug/l

RT: 2.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Tgt Ion: 84 Resp: 114418

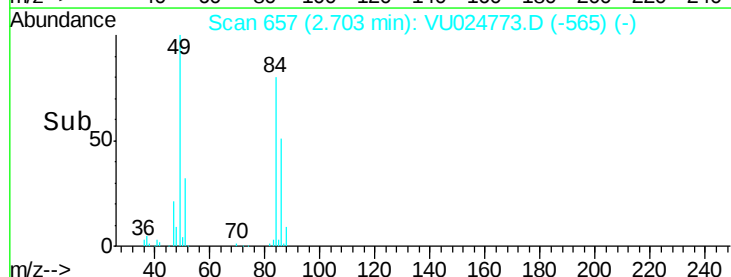
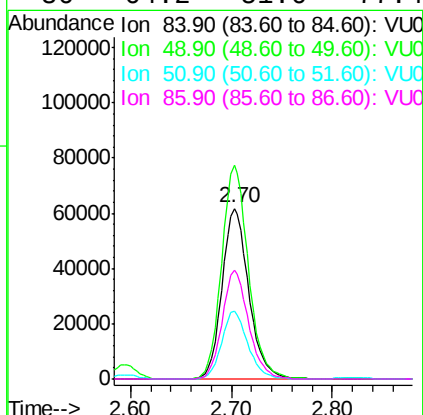
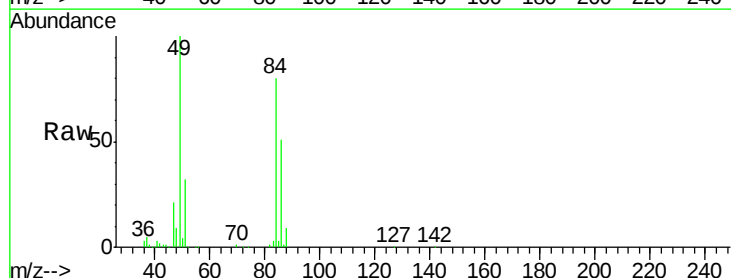
Ion Ratio Lower Upper

84 100

49 125.4 103.8 155.8

51 40.2 32.0 48.0

86 64.2 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 45.383 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

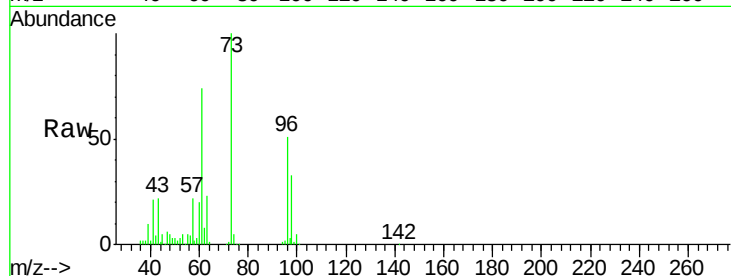
Tgt Ion: 96 Resp: 103254

Ion Ratio Lower Upper

96 100

61 144.1 119.4 179.0

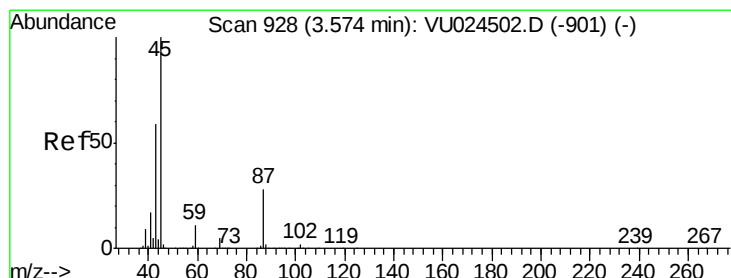
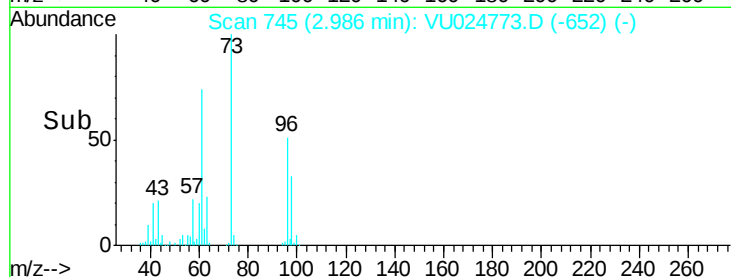
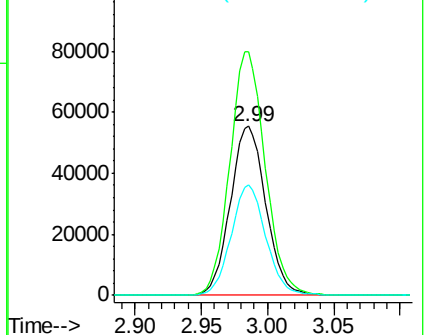
98 65.4 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VU024773.D (-652) (-)

Ion 60.90 (60.60 to 61.60): VU024773.D (-652) (-)

Ion 97.90 (97.60 to 98.60): VU024773.D (-652) (-)



#22

Diisopropyl ether

Concen: 48.389 ug/l

RT: 3.57 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Tgt Ion: 45 Resp: 367913

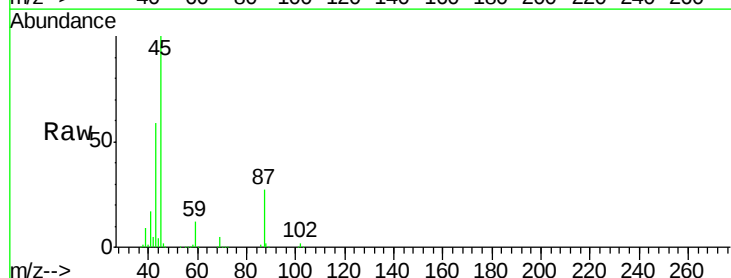
Ion Ratio Lower Upper

45 100

43 58.2 45.8 68.6

87 27.3 20.6 31.0

59 11.8 9.4 14.0

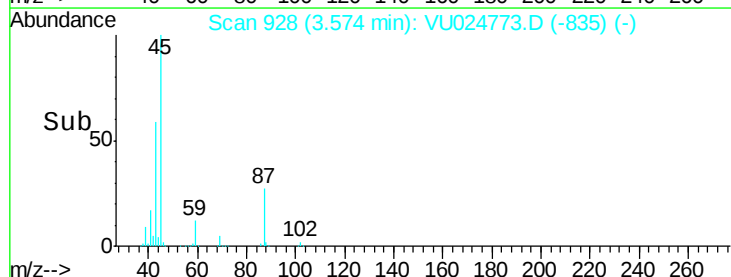
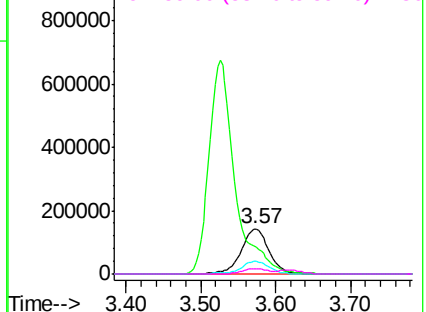


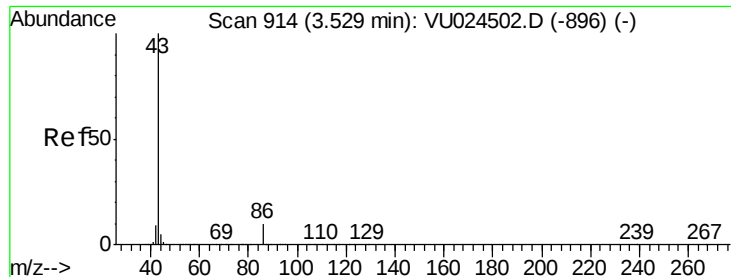
Abundance Ion 45.00 (44.70 to 45.70): VU024773.D (-835) (-)

Ion 43.00 (42.70 to 43.70): VU024773.D (-835) (-)

Ion 87.00 (86.70 to 87.70): VU024773.D (-835) (-)

Ion 59.00 (58.70 to 59.70): VU024773.D (-835) (-)





#23

Vinyl Acetate

Concen: 238.785 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

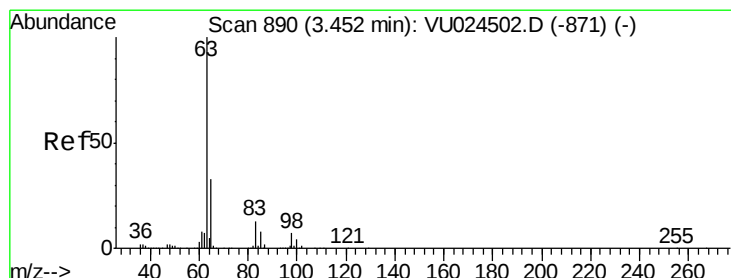
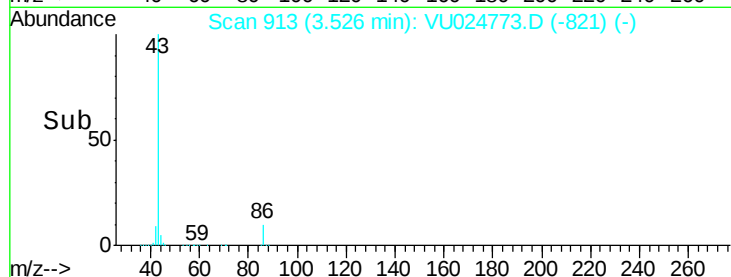
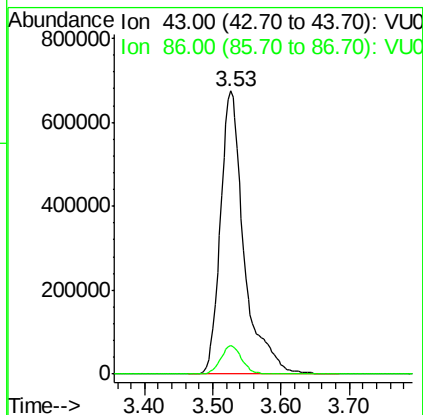
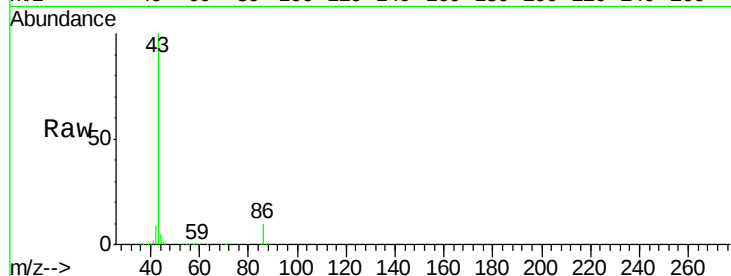
VSTDCCC050EC

Tgt Ion: 43 Resp: 1626340

Ion Ratio Lower Upper

43 100

86 10.0 7.8 11.8



#24

1,1-Dichloroethane

Concen: 46.825 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

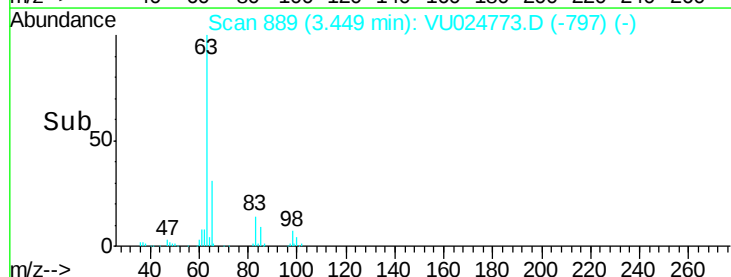
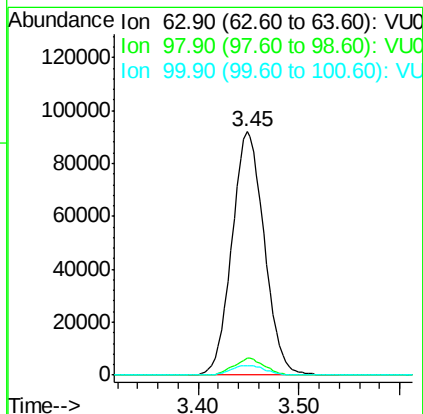
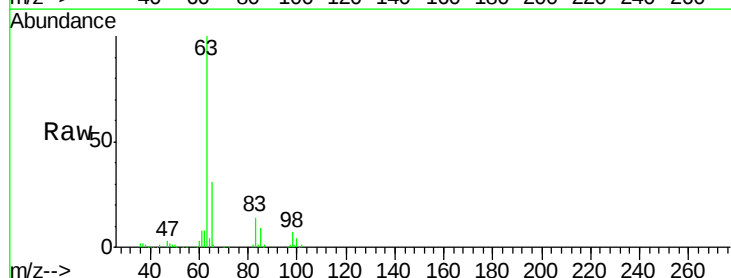
Tgt Ion: 63 Resp: 204808

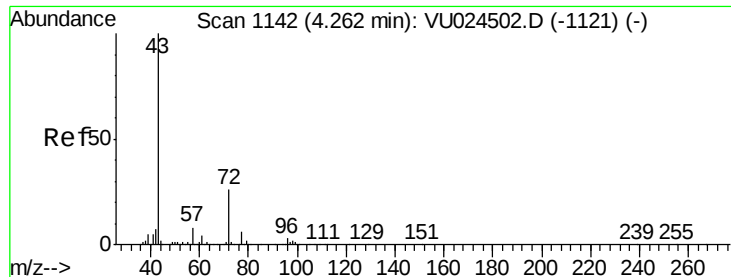
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

100 4.0 1.8 5.5

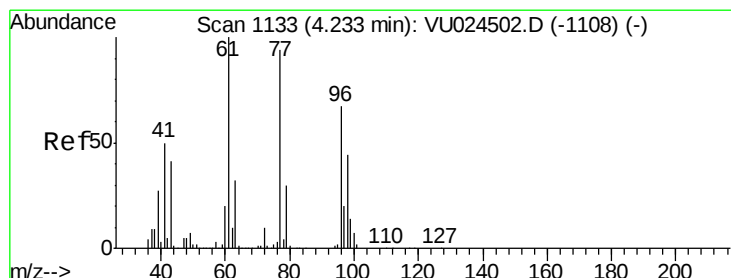
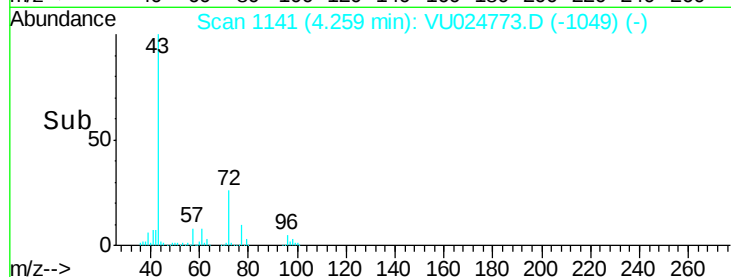
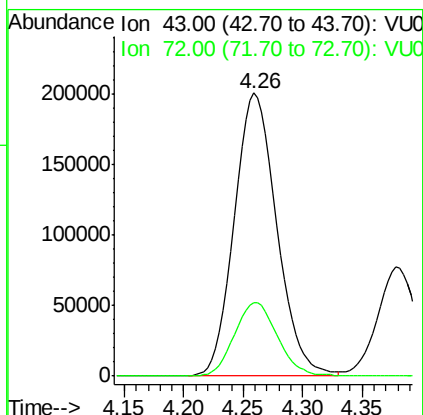
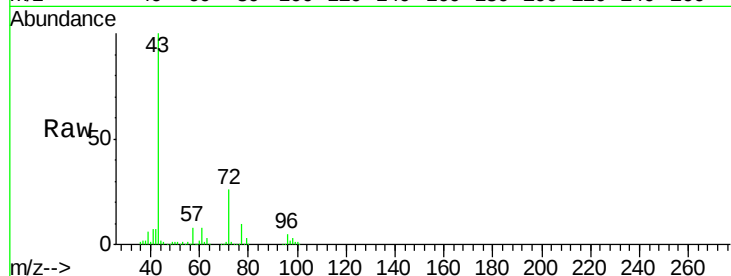




#25
2-Butanone
Concen: 230.824 ug/l
RT: 4.26 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

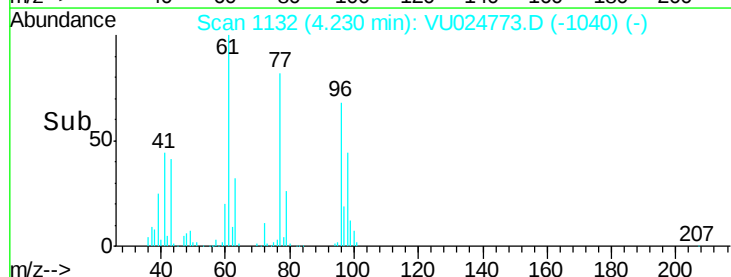
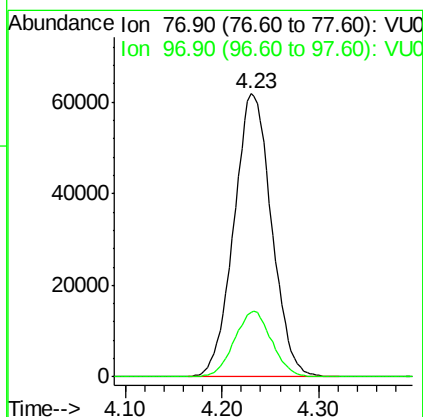
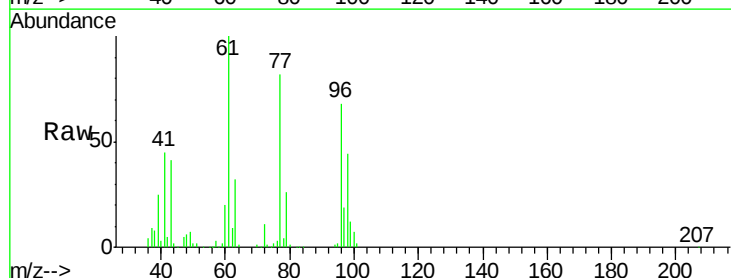
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 493381
Ion Ratio Lower Upper
43 100
72 26.0 19.6 29.4



#26
2,2-Dichloropropane
Concen: 40.117 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Tgt Ion: 77 Resp: 166614
Ion Ratio Lower Upper
77 100
97 23.1 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 47.318 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

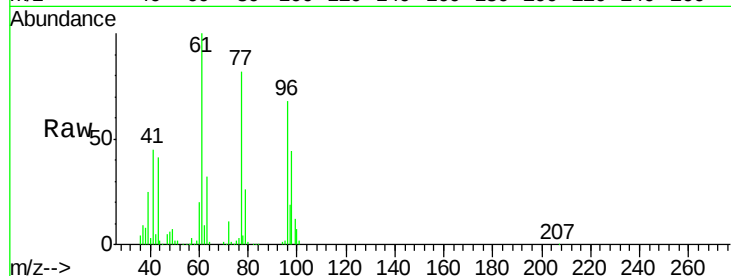
Tgt Ion: 96 Resp: 123767

Ion Ratio Lower Upper

96 100

61 150.2 0.0 306.6

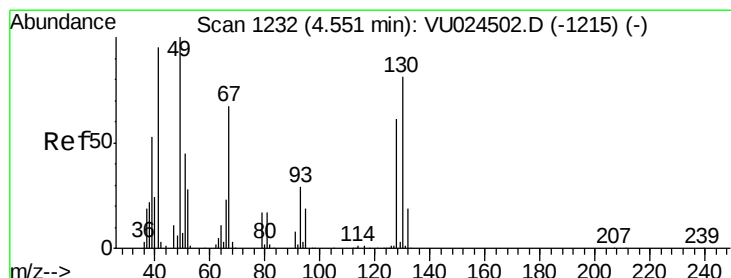
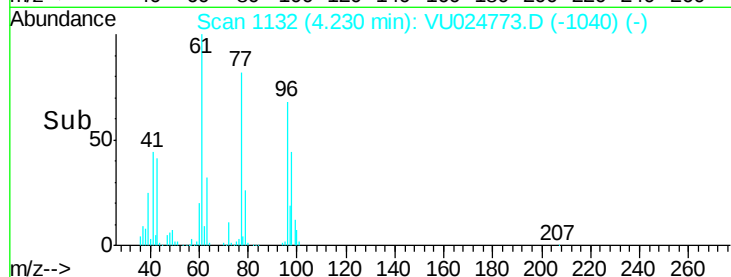
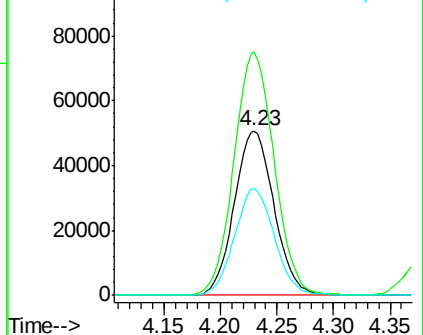
98 65.4 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#28

Bromochloromethane

Concen: 43.380 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

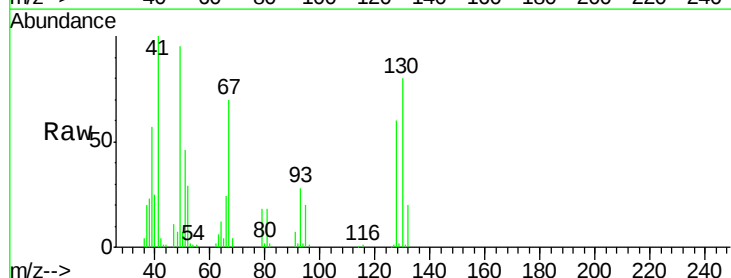
Tgt Ion: 49 Resp: 83574

Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

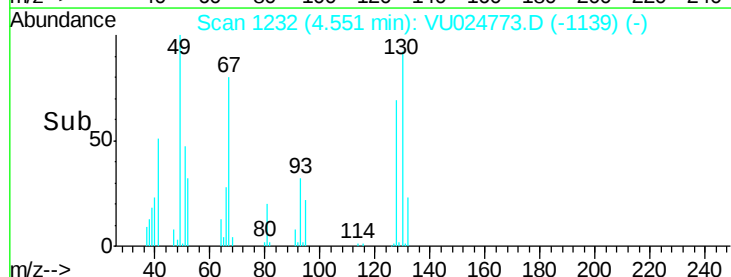
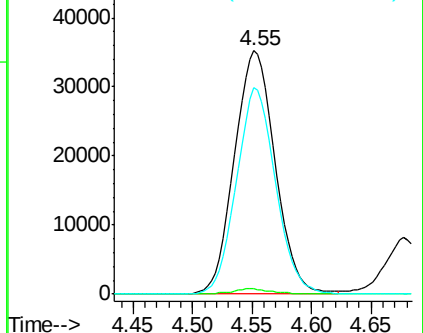
130 81.7 57.8 86.6



Abundance Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 237.781 ug/l

RT: 4.64 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

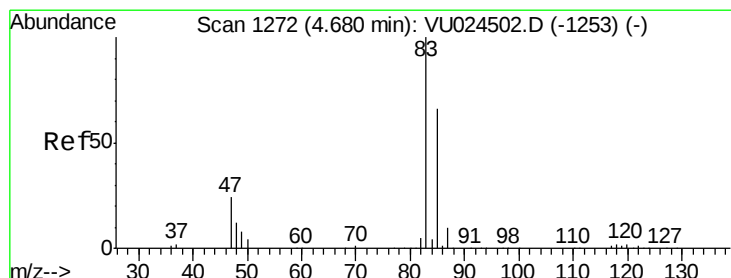
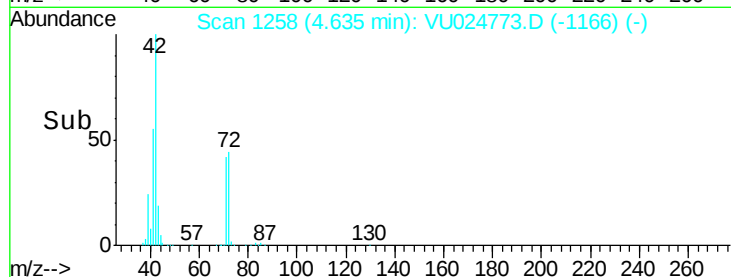
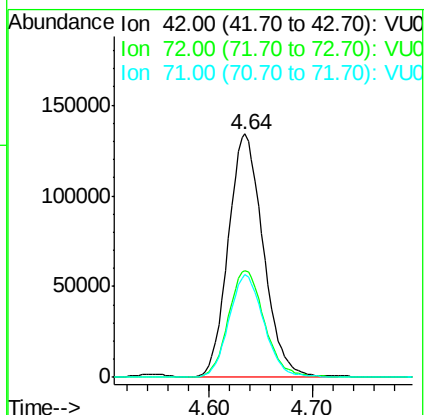
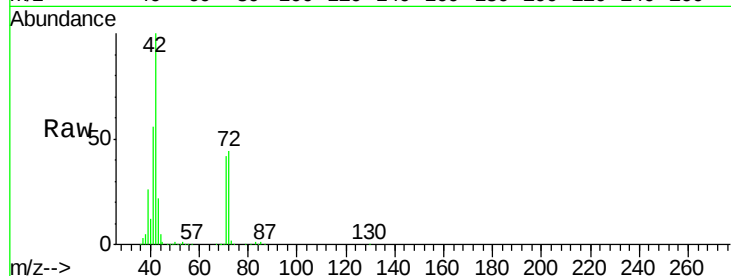
Tgt Ion: 42 Resp: 314744

Ion Ratio Lower Upper

42 100

72 45.5 34.5 51.7

71 42.4 32.2 48.4



#30

Chloroform

Concen: 48.785 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU024773.D

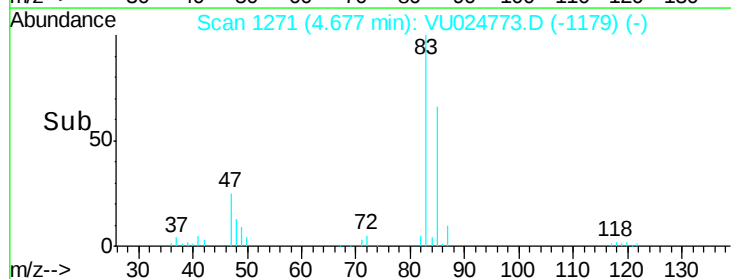
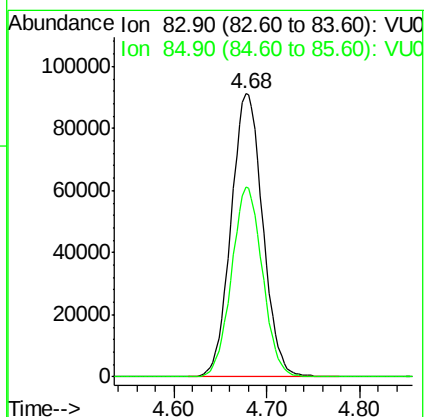
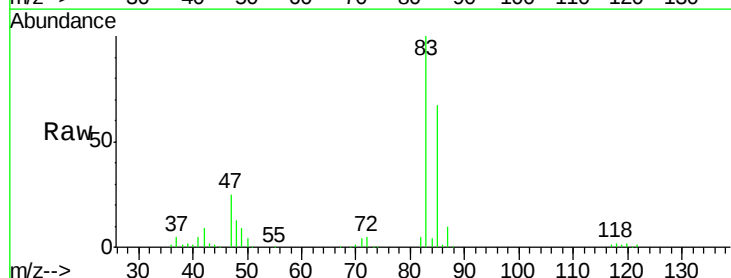
Acq: 20 Jun 2018 21:35

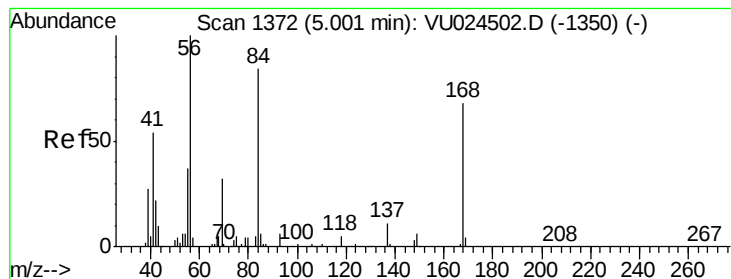
Tgt Ion: 83 Resp: 215979

Ion Ratio Lower Upper

83 100

85 66.9 52.4 78.6





#31

Cyclohexane

Concen: 48.571 ug/l

RT: 5.00 min Scan# 1372

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

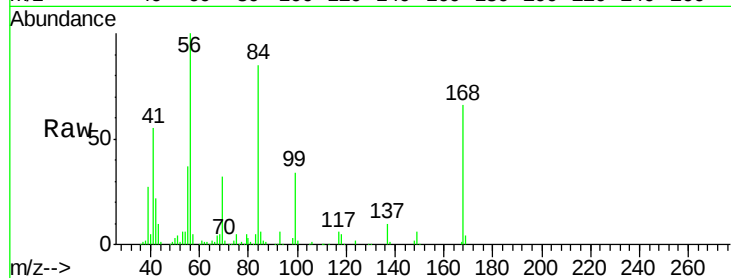
Tgt Ion: 56 Resp: 188876

Ion Ratio Lower Upper

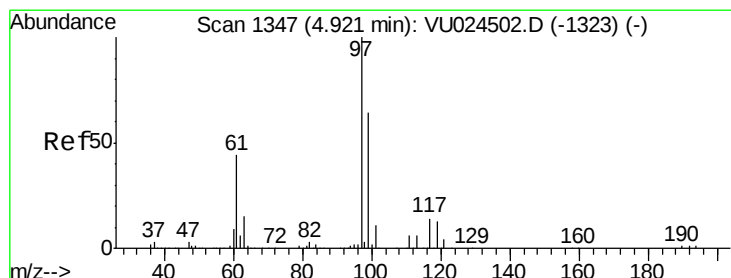
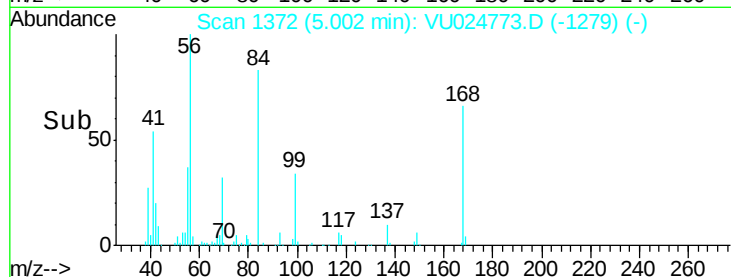
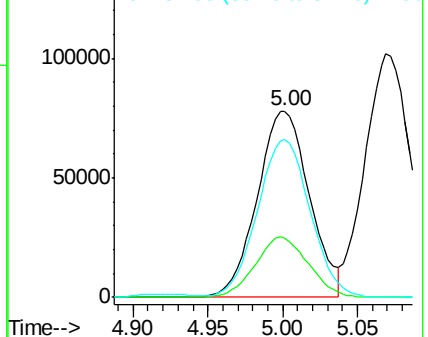
56 100

69 31.6 24.8 37.2

84 83.4 65.2 97.8



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



#32

1,1,1-Trichloroethane

Concen: 47.728 ug/l

RT: 4.92 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

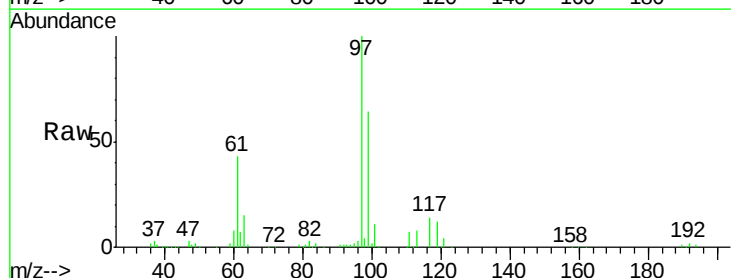
Tgt Ion: 97 Resp: 195392

Ion Ratio Lower Upper

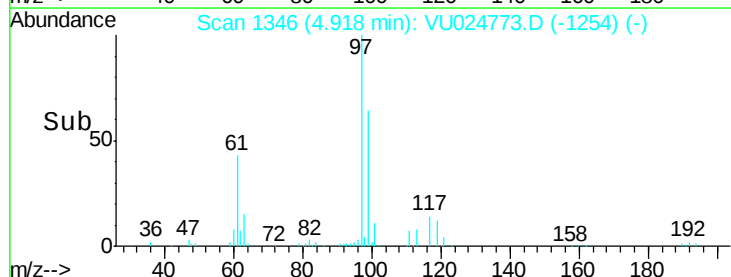
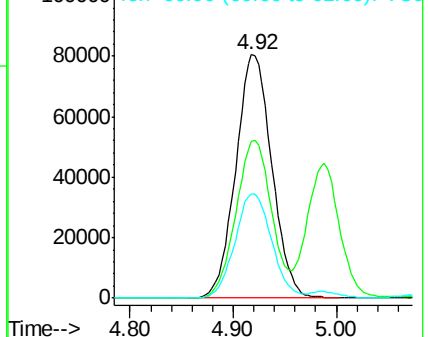
97 100

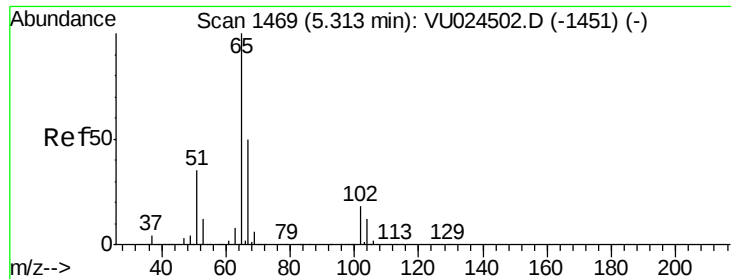
99 64.7 51.0 76.6

61 43.7 39.4 59.0



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

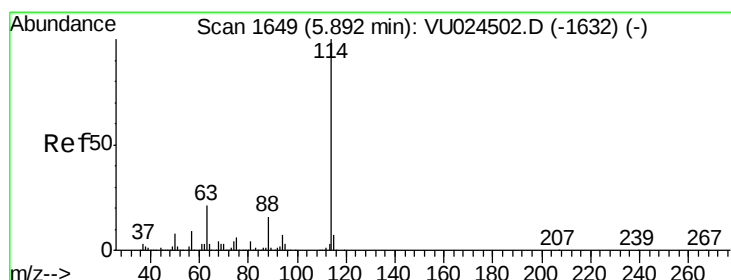
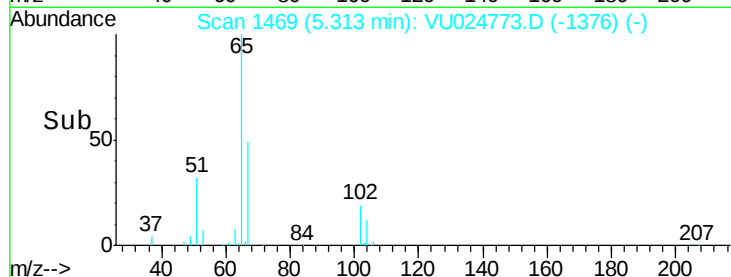
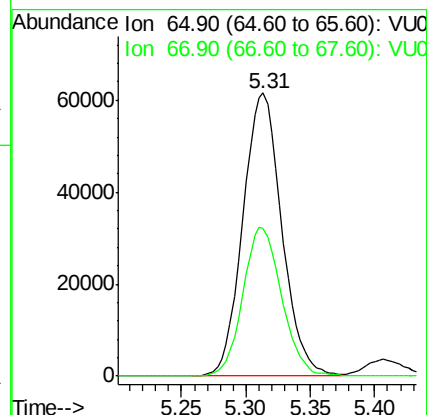
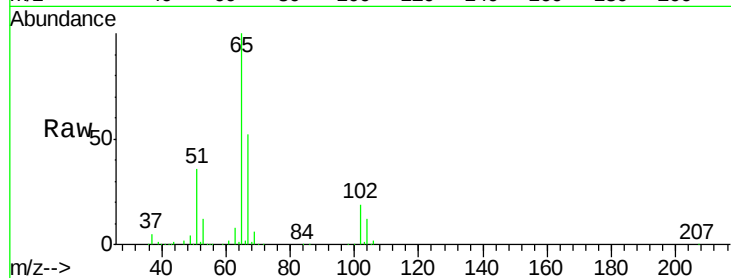




#33
 1,2-Dichloroethane-d4
 Concen: 43.663 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

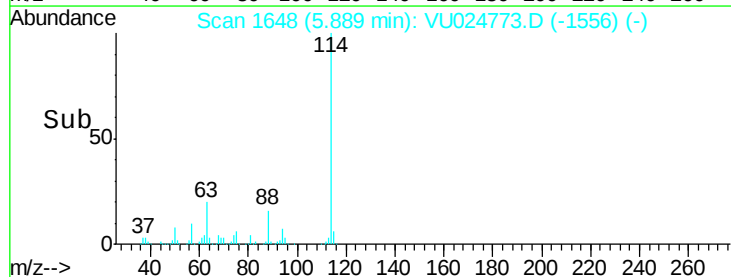
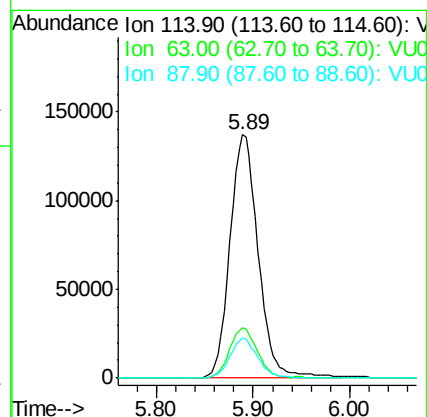
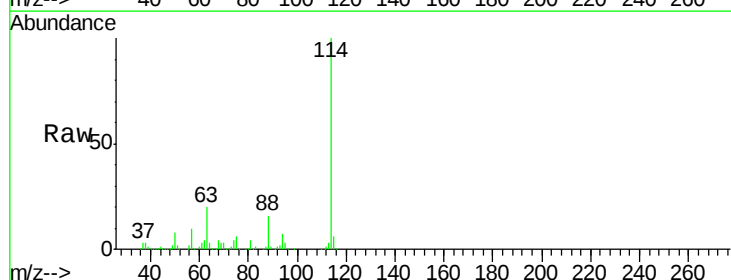
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

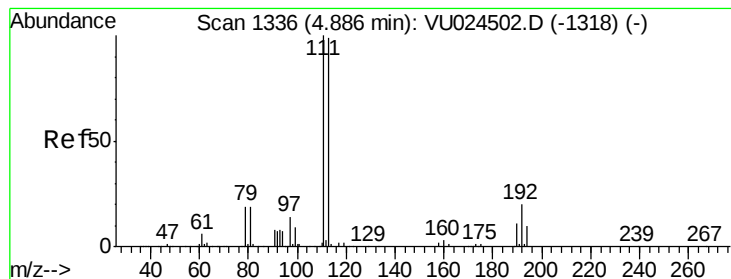
Tgt Ion: 65 Resp: 129315
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

Tgt Ion: 114 Resp: 279229
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 45.4
 88 16.3 0.0 31.0





#35

Dibromofluoromethane

Concen: 45.142 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

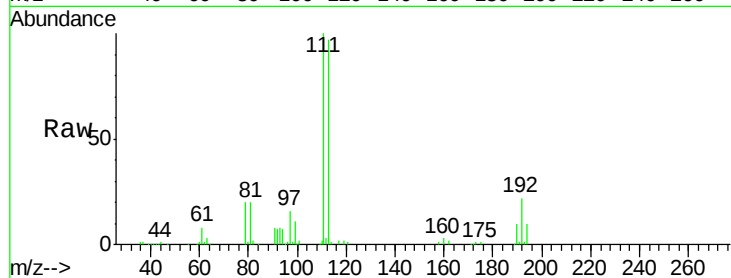
Tgt Ion:113 Resp: 104611

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

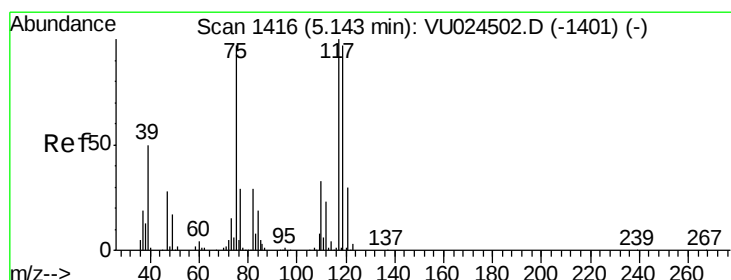
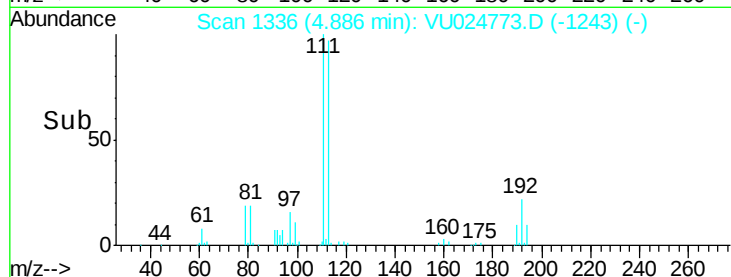
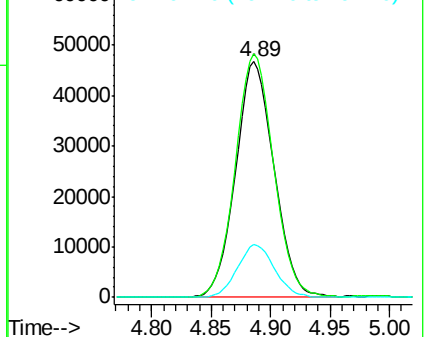
192 21.8 16.2 24.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.804 ug/l

RT: 5.14 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

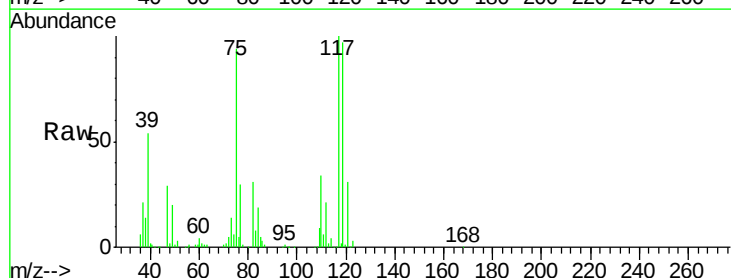
Tgt Ion: 75 Resp: 153572

Ion Ratio Lower Upper

75 100

110 36.4 17.0 50.9

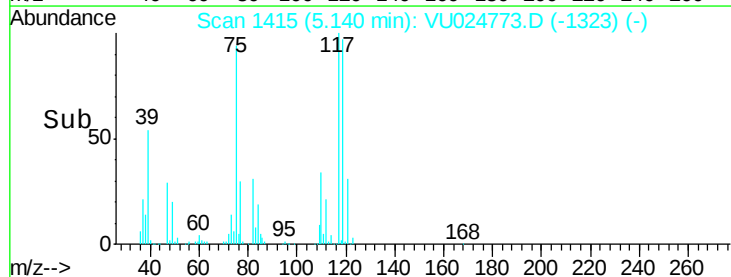
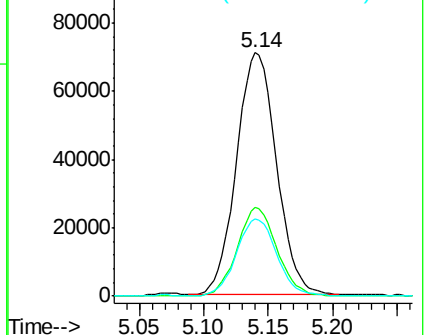
77 32.2 24.2 36.4

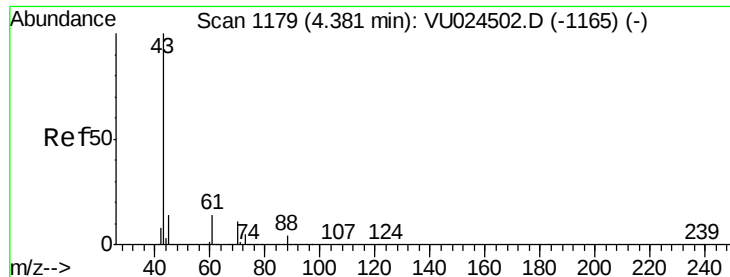


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

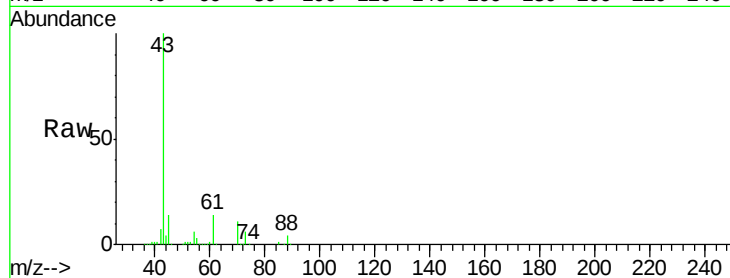




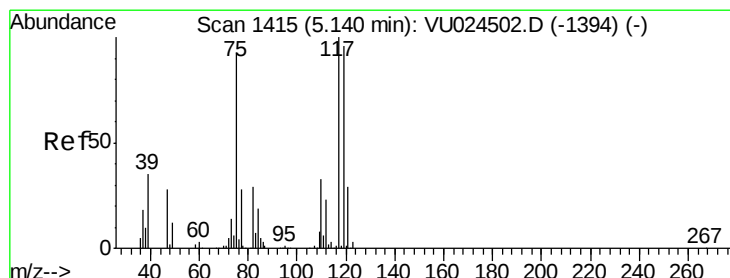
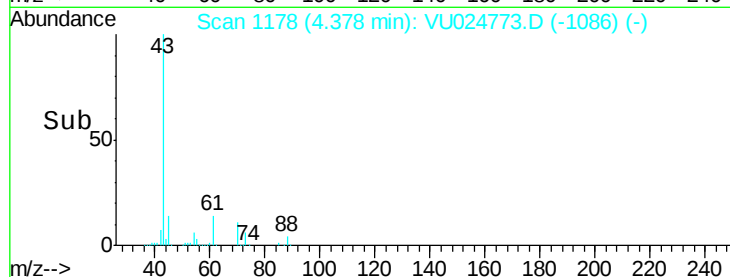
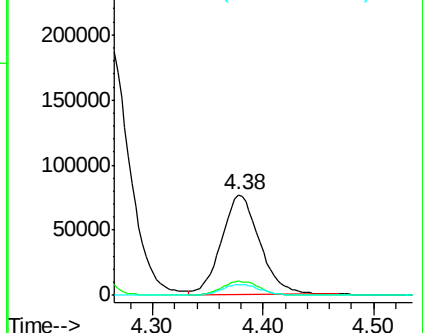
#37
Ethyl Acetate
Concen: 51.310 ug/l
RT: 4.38 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 183497
Ion Ratio Lower Upper
43 100
61 14.2 10.5 15.7
70 11.3 7.4 11.2#

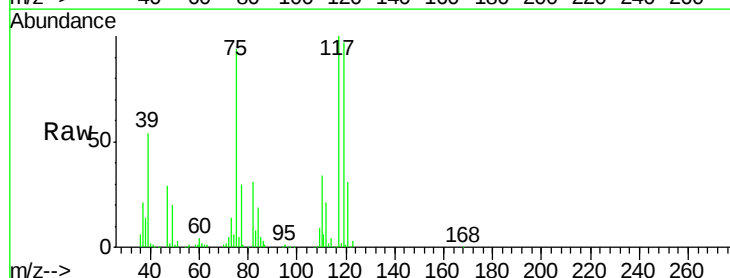


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

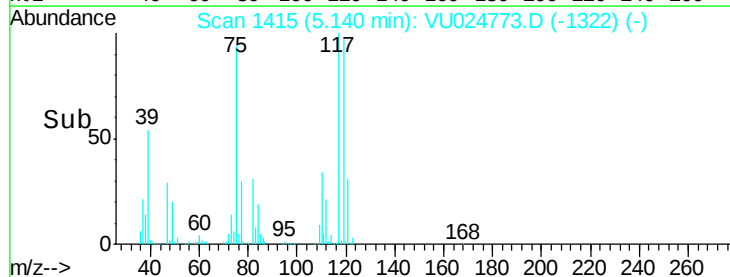
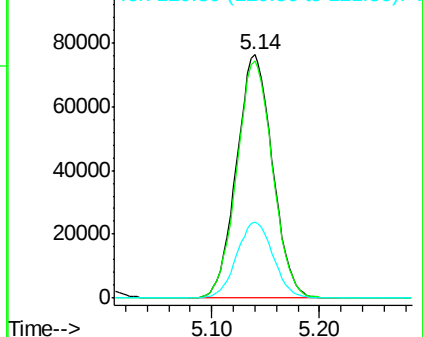


#38
Carbon Tetrachloride
Concen: 48.892 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Tgt Ion: 117 Resp: 176412
Ion Ratio Lower Upper
117 100
119 97.4 76.1 114.1
121 31.3 23.7 35.5



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

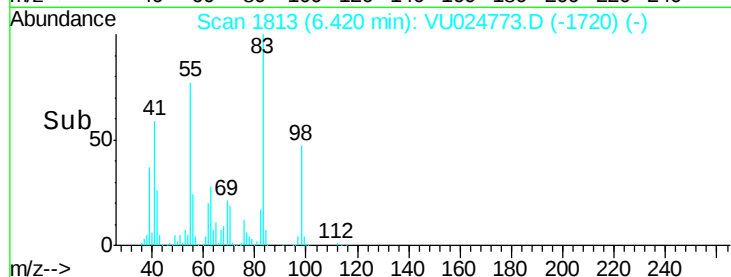
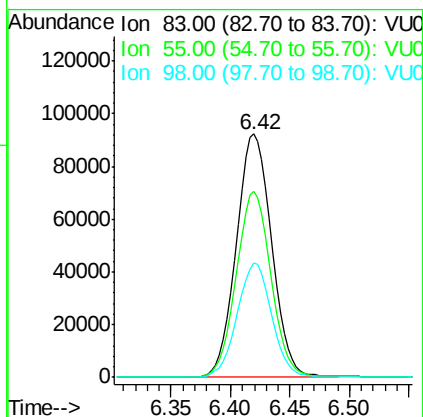
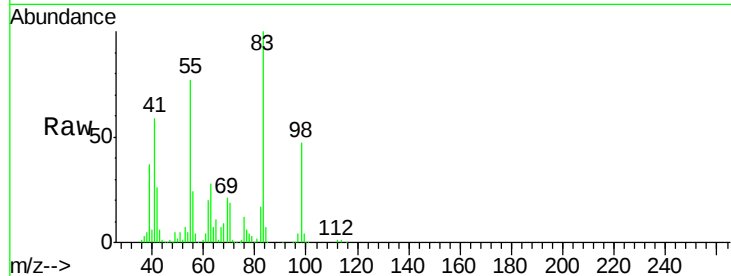




#39
Methylcyclohexane
Concen: 46.589 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

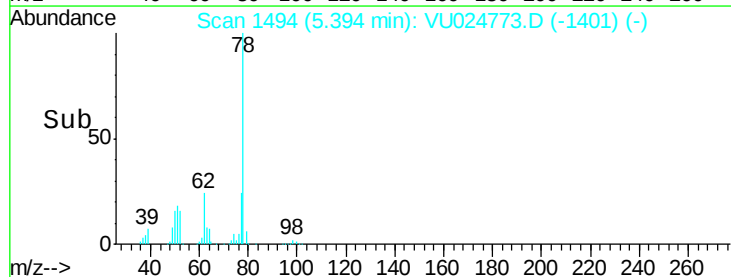
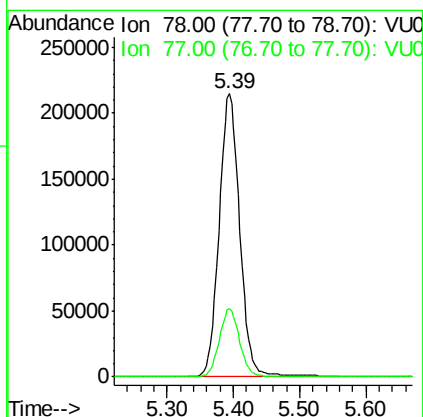
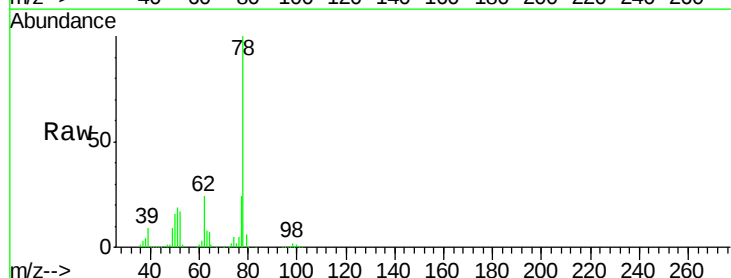
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 190763
Ion Ratio Lower Upper
83 100
55 76.4 65.8 98.6
98 46.7 36.7 55.1



#40
Benzene
Concen: 49.573 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Tgt Ion: 78 Resp: 463482
Ion Ratio Lower Upper
78 100
77 24.3 19.2 28.8





#41

Methacrylonitrile

Concen: 52.865 ug/l

RT: 4.54 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 101933

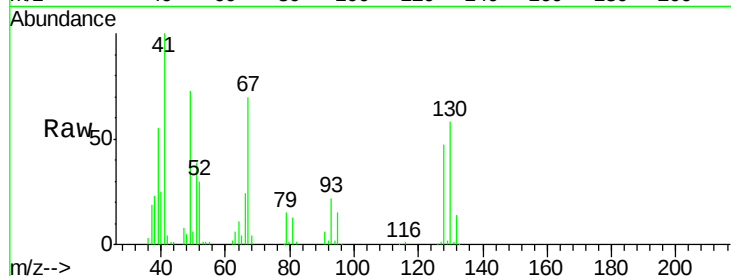
Ion Ratio Lower Upper

41 100

39 56.9 43.8 65.6

67 72.4 56.3 84.5

52 31.2 23.2 34.8

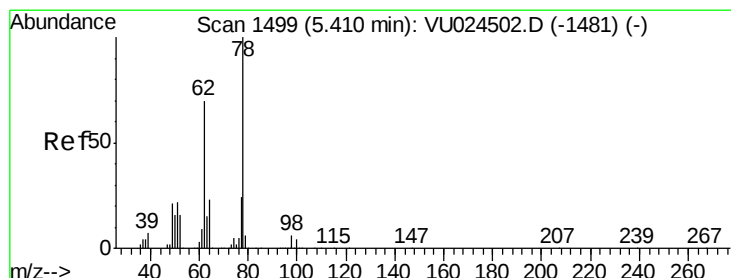
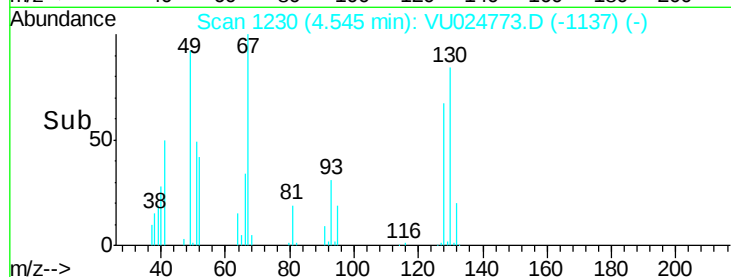
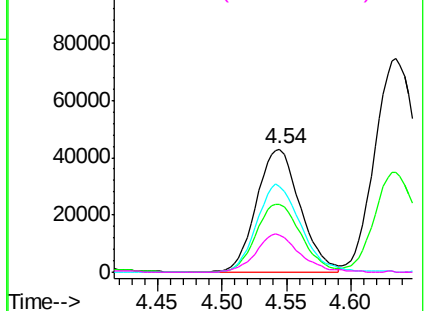


Abundance Ion 41.00 (40.70 to 41.70): VU0

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: 51.098 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. 0.00 min

Lab File: VU024773.D

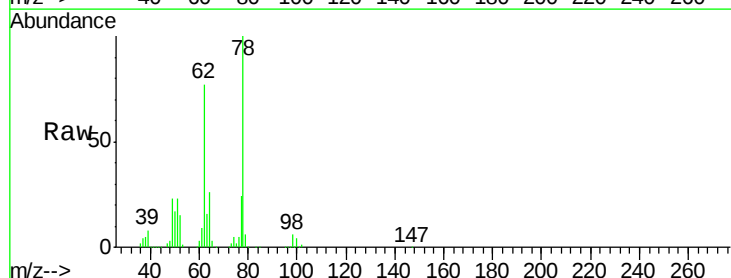
Acq: 20 Jun 2018 21:35

Tgt Ion: 62 Resp: 181954

Ion Ratio Lower Upper

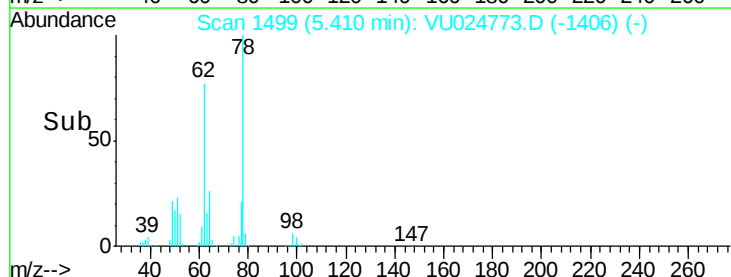
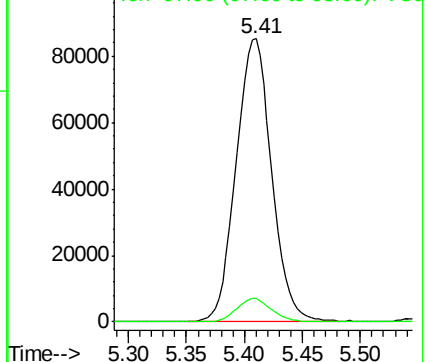
62 100

98 8.1 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 47.971 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

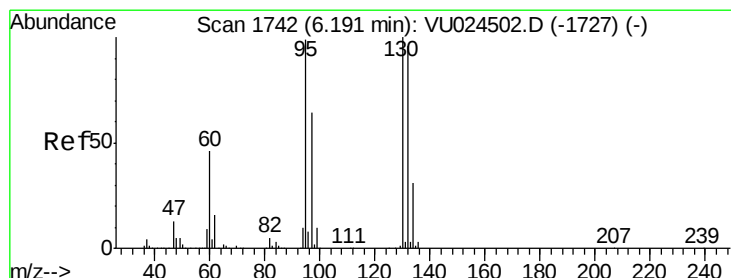
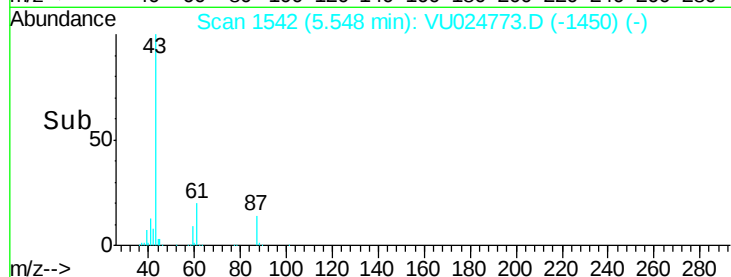
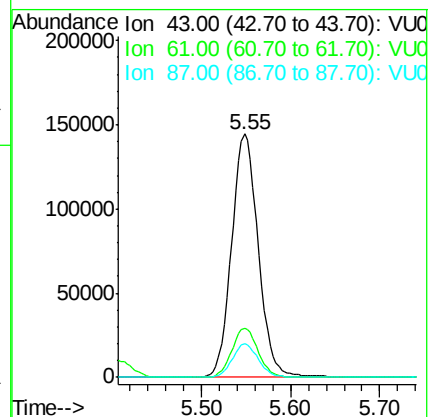
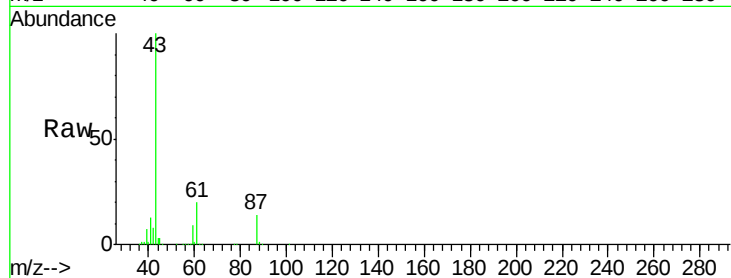
Tgt Ion: 43 Resp: 296542

Ion Ratio Lower Upper

43 100

61 20.1 15.4 23.0

87 13.5 10.0 15.0



#44

Trichloroethene

Concen: 46.980 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU024773.D

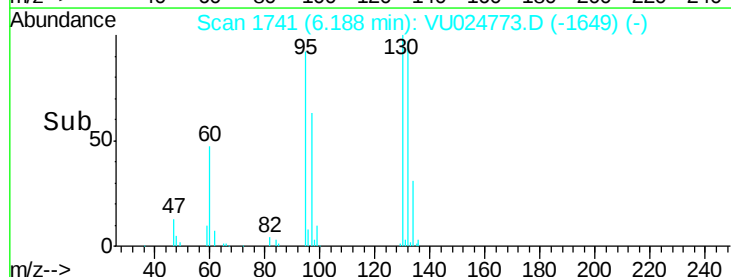
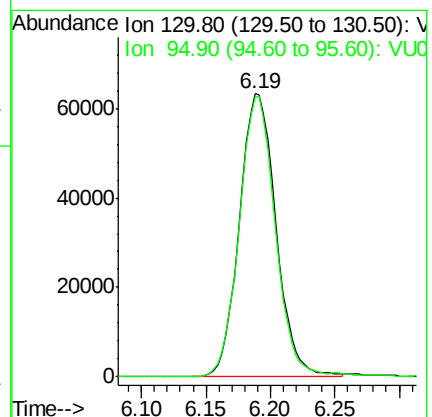
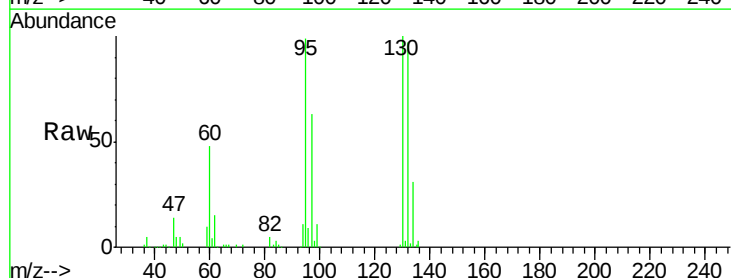
Acq: 20 Jun 2018 21:35

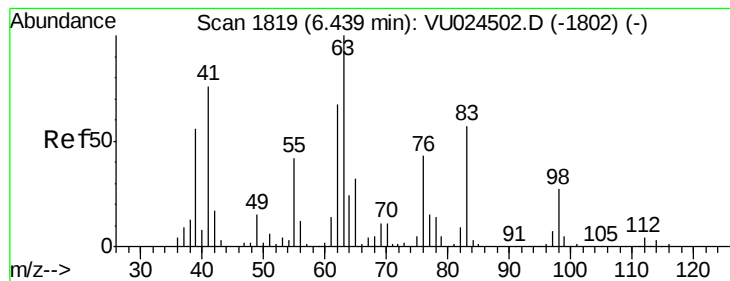
Tgt Ion: 130 Resp: 125008

Ion Ratio Lower Upper

130 100

95 98.8 0.0 202.4





#45

1,2-Dichloropropane

Concen: 50.208 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

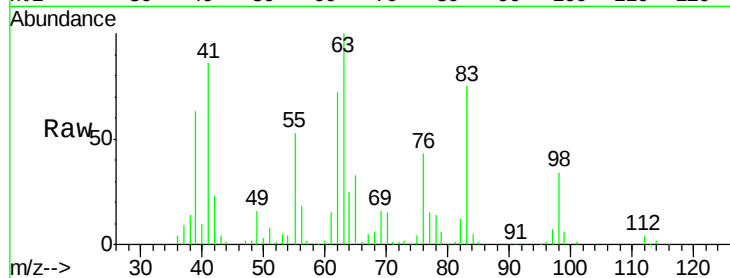
VSTDCCC050EC

Tgt Ion: 63 Resp: 125253

Ion Ratio Lower Upper

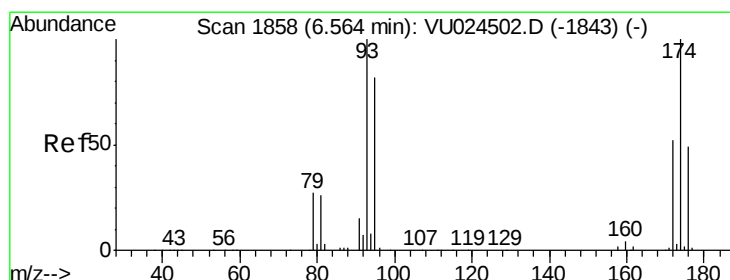
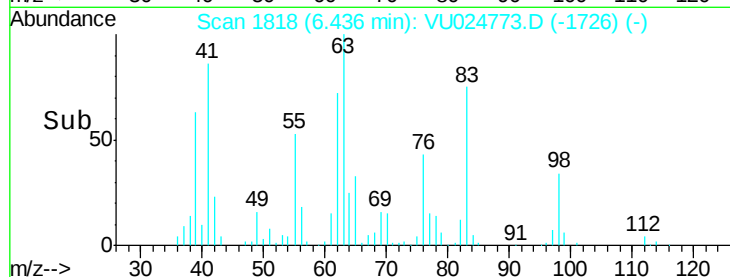
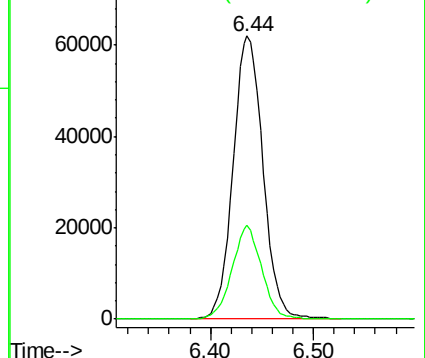
63 100

65 33.1 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 50.914 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

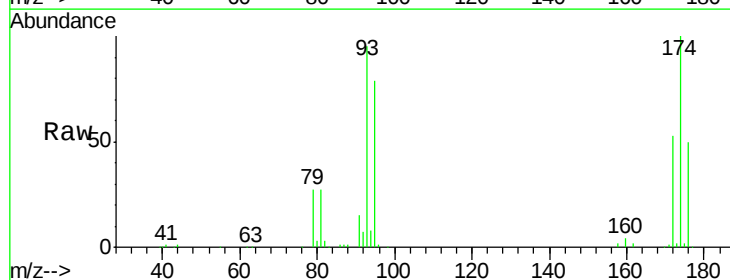
Tgt Ion: 93 Resp: 89216

Ion Ratio Lower Upper

93 100

95 82.8 65.5 98.3

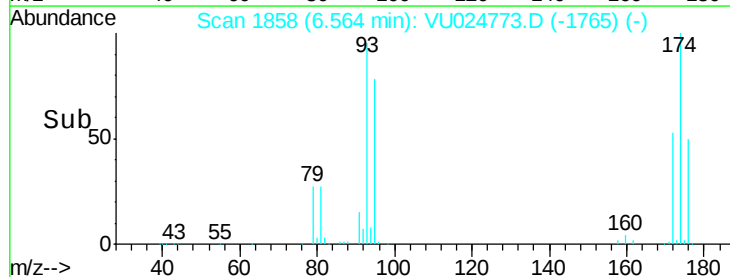
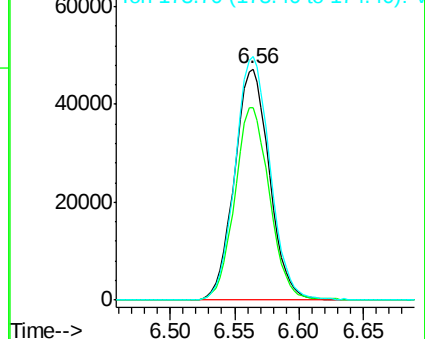
174 105.4 78.7 118.1



Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.645 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

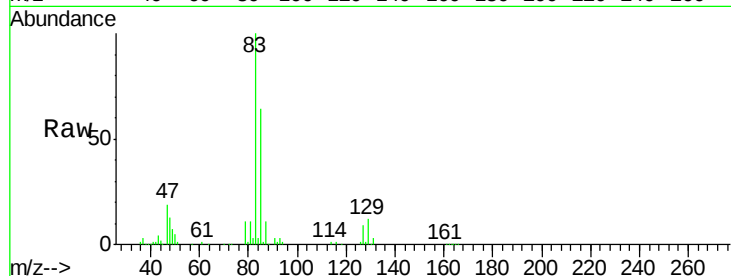
Tgt Ion: 83 Resp: 173226

Ion Ratio Lower Upper

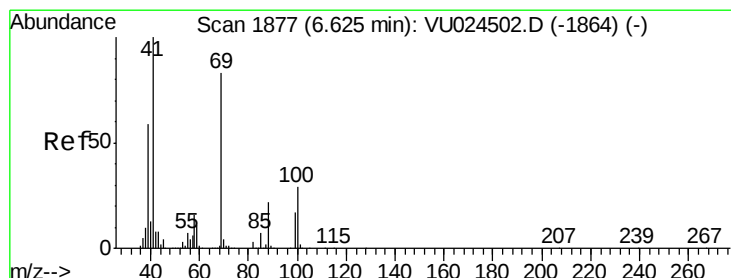
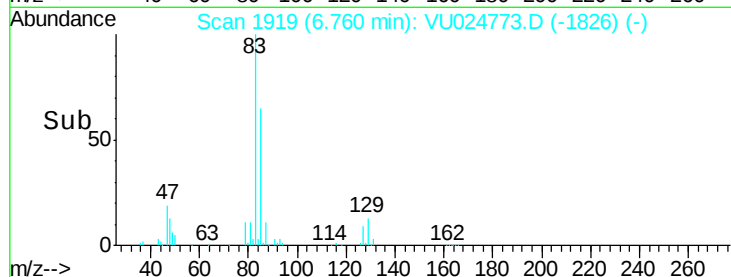
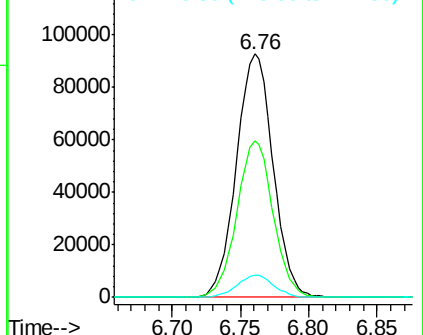
83 100

85 64.2 51.9 77.9

127 9.0 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.784 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

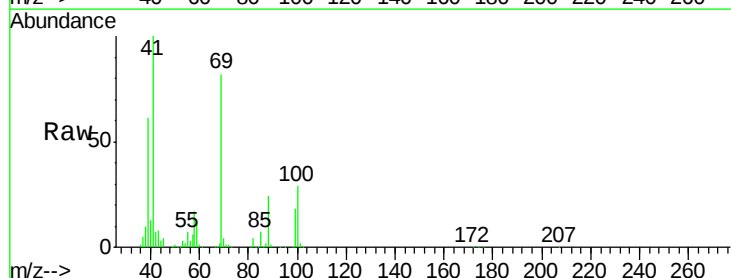
Tgt Ion: 41 Resp: 149855

Ion Ratio Lower Upper

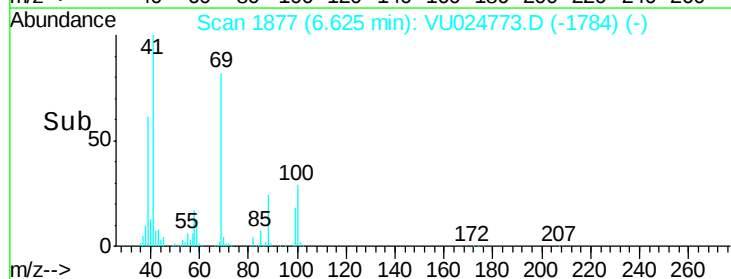
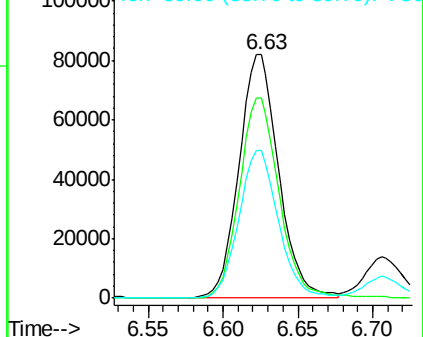
41 100

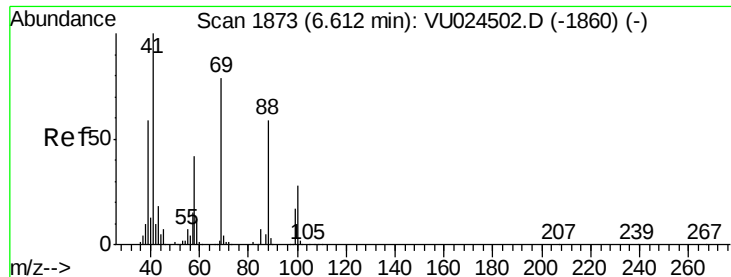
69 83.7 67.3 100.9

39 60.3 46.5 69.7



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





#49

1,4-Dioxane

Concen: 1012.718 ug/l

RT: 6.61 min Scan# 1873

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

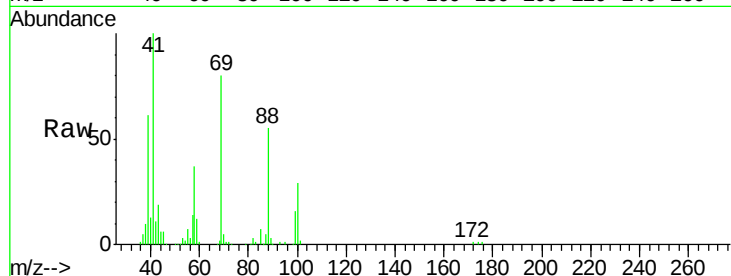
Tgt Ion: 88 Resp: 59615

Ion Ratio Lower Upper

88 100

43 33.2 28.6 42.8

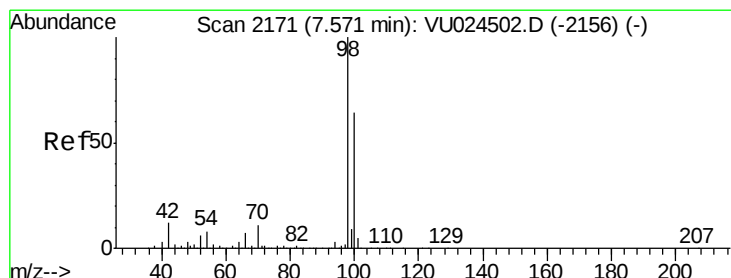
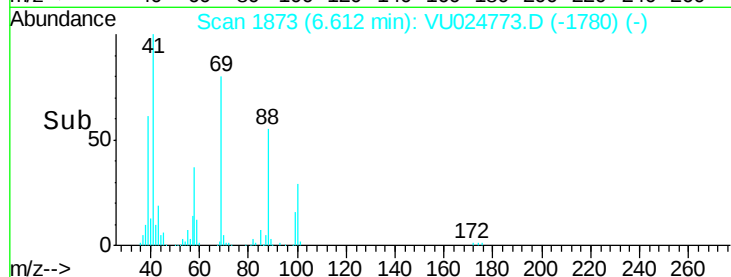
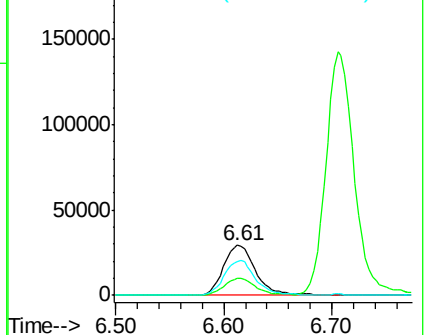
58 69.4 58.2 87.4



Abundance Ion 88.00 (87.70 to 88.70): VU024773.D (-1780) (-)

Ion 43.00 (42.70 to 43.70): VU024773.D (-1780) (-)

Ion 58.00 (57.70 to 58.70): VU024773.D (-1780) (-)



#50

Toluene-d8

Concen: 45.002 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024773.D

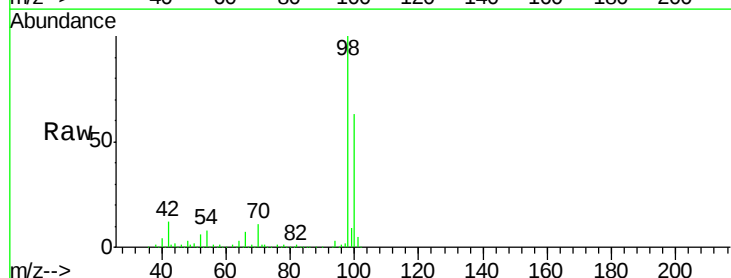
Acq: 20 Jun 2018 21:35

Tgt Ion: 98 Resp: 380394

Ion Ratio Lower Upper

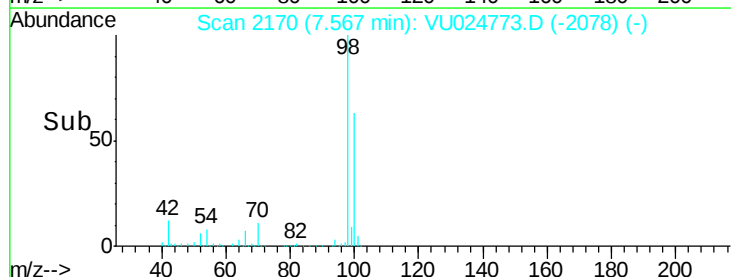
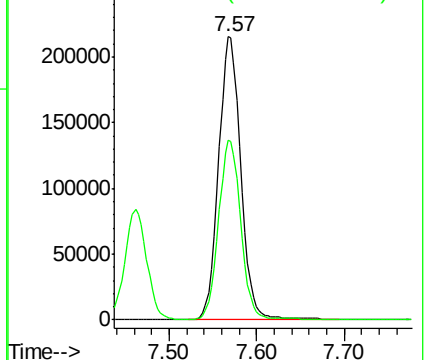
98 100

100 62.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU024773.D (-2078) (-)

Ion 100.00 (99.70 to 100.70): VU024773.D (-2078) (-)

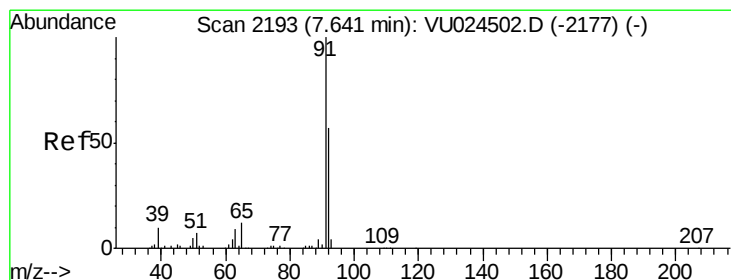
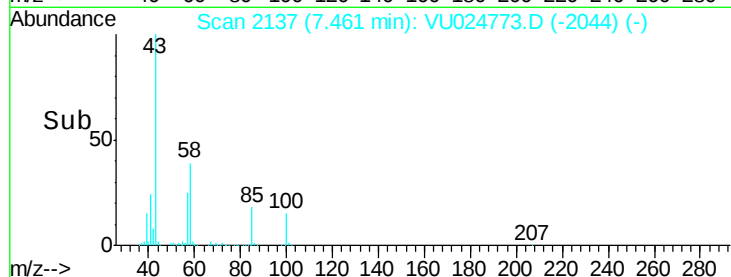
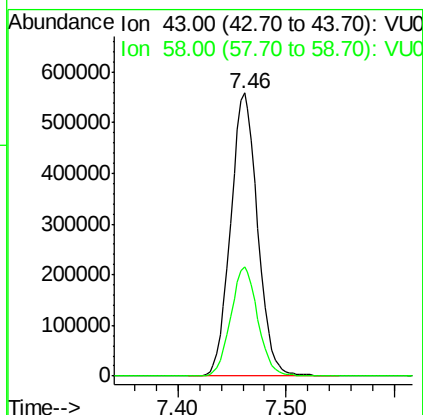
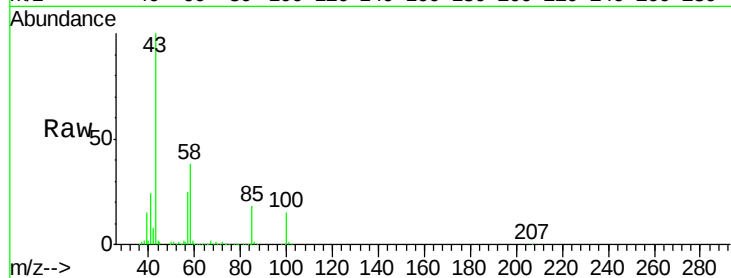




#51
 4-Methyl-2-Pentanone
 Concen: 251.290 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

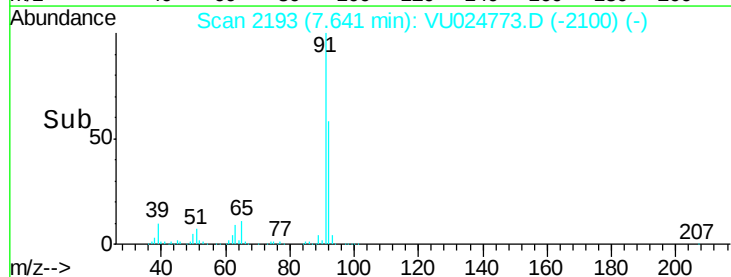
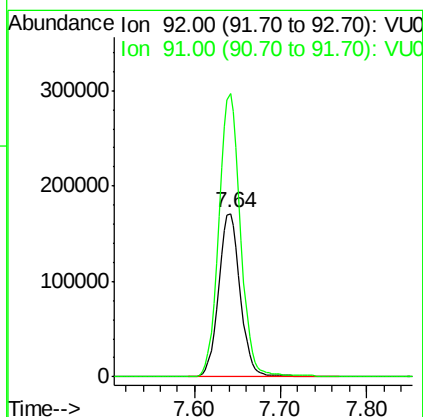
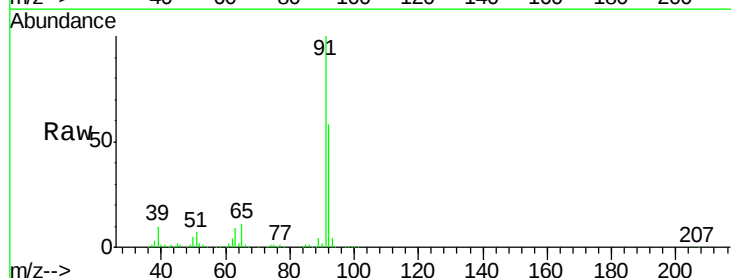
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 975918
 Ion Ratio Lower Upper
 43 100
 58 38.6 30.0 45.0



#52
 Toluene
 Concen: 49.856 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

Tgt Ion: 92 Resp: 299892
 Ion Ratio Lower Upper
 92 100
 91 173.6 140.5 210.7

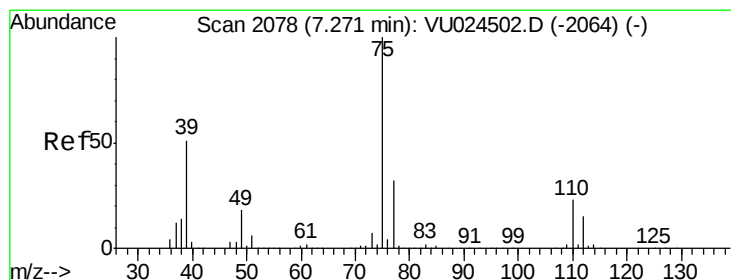
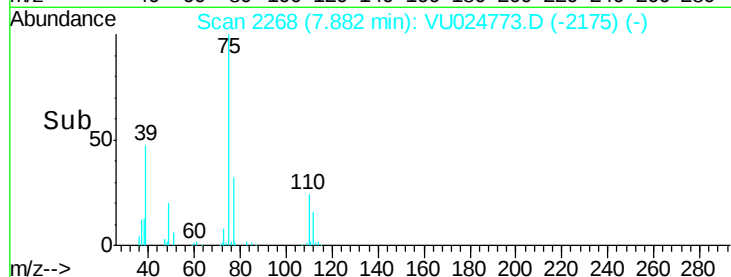
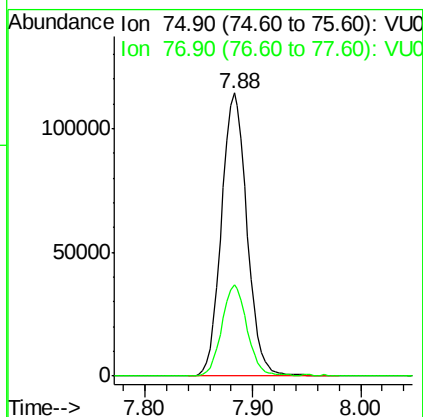
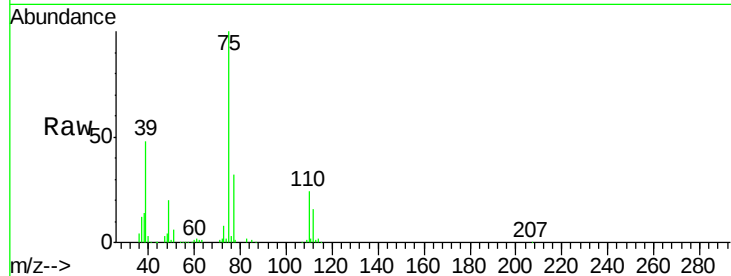




#53
t-1,3-Dichloropropene
Concen: 48.258 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

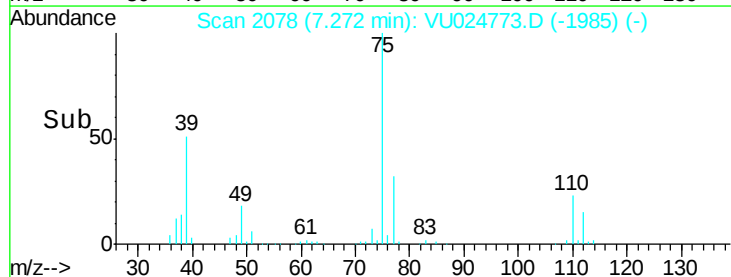
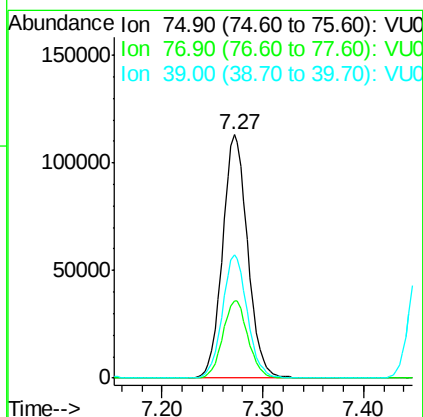
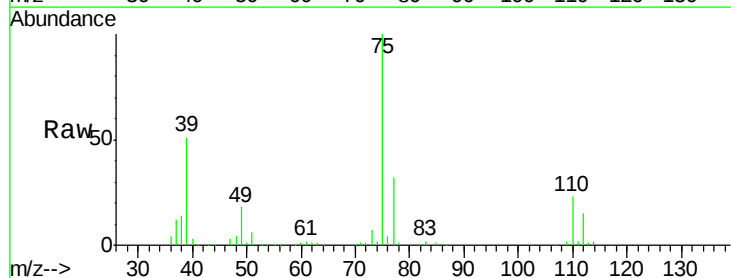
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 189100
Ion Ratio Lower Upper
75 100
77 32.2 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 47.073 ug/l
RT: 7.27 min Scan# 2078
Delta R.T. 0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Tgt Ion: 75 Resp: 196547
Ion Ratio Lower Upper
75 100
77 31.8 24.6 36.8
39 50.7 39.8 59.6

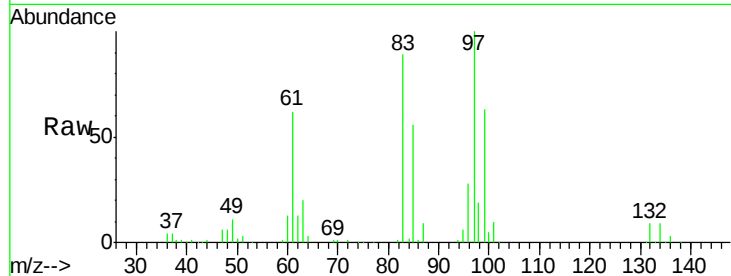




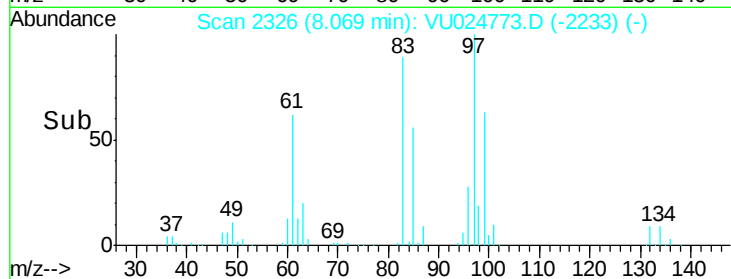
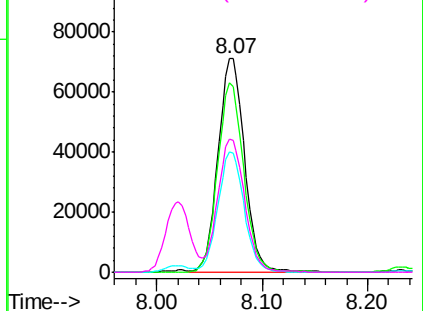
#55
 1,1,2-Trichloroethane
 Concen: 50.711 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	123992
Ion	Ratio	Lower	Upper
97	100		
83	88.7	70.5	105.7
85	56.4	46.4	69.6
99	62.6	50.2	75.2

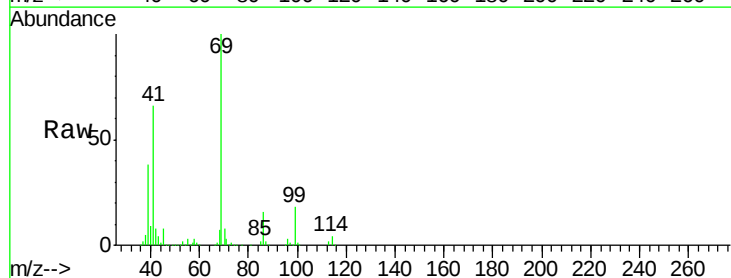


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

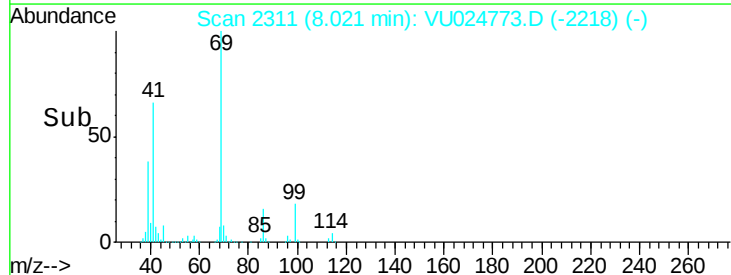
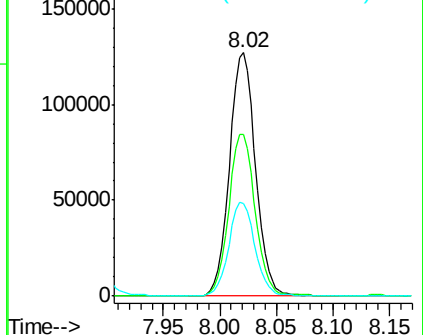


#56
 Ethyl methacrylate
 Concen: 49.938 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

Tgt Ion:	69	Resp:	204369
Ion	Ratio	Lower	Upper
69	100		
41	67.2	54.1	81.1
39	38.3	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: 50.467 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

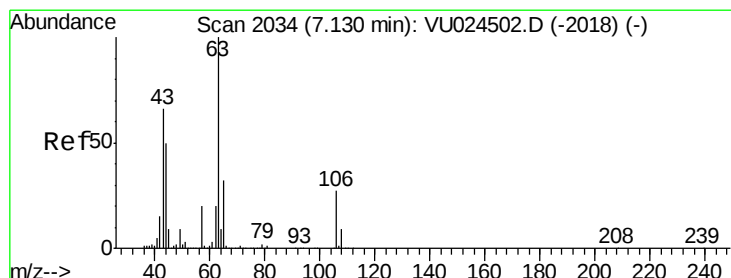
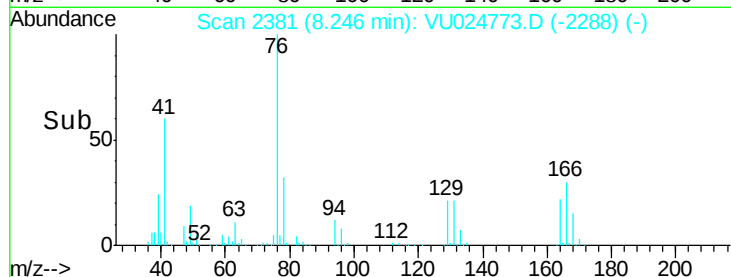
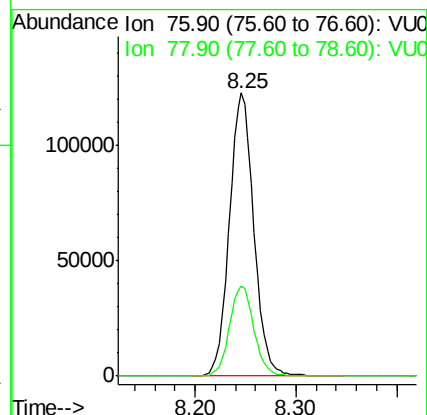
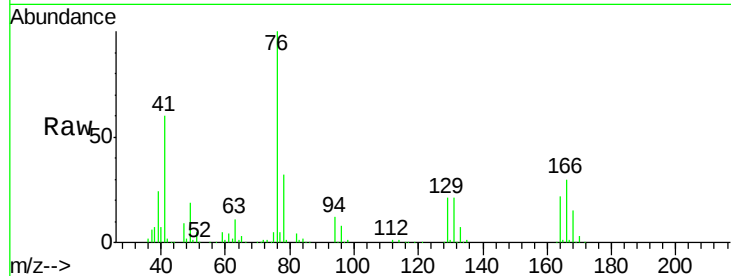
VSTDCCC050EC

Tgt Ion: 76 Resp: 208161

Ion Ratio Lower Upper

76 100

78 31.8 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 226.399 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU024773.D

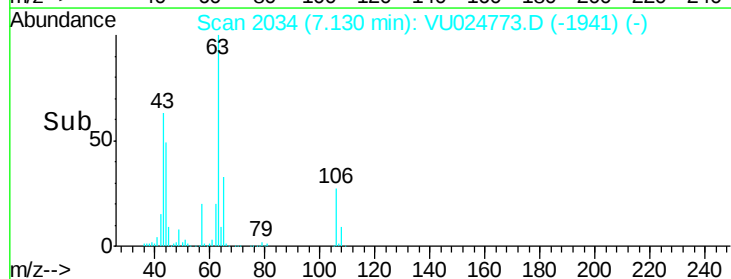
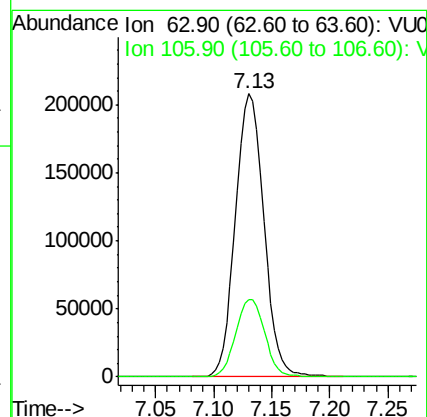
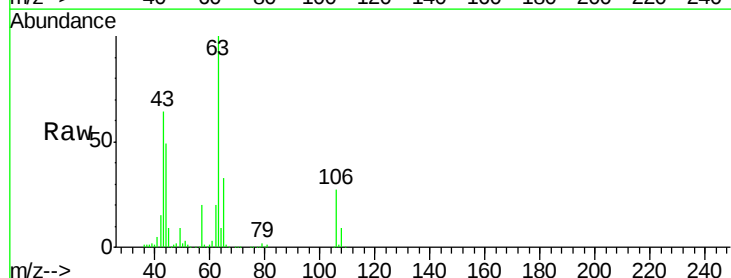
Acq: 20 Jun 2018 21:35

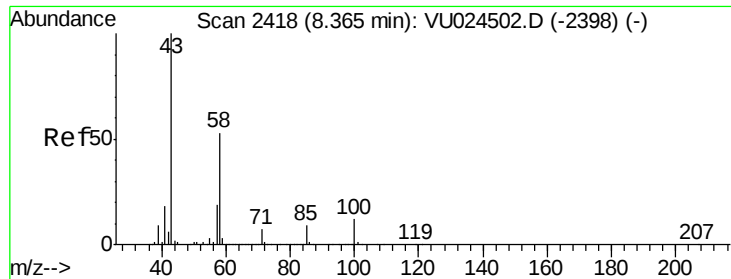
Tgt Ion: 63 Resp: 354957

Ion Ratio Lower Upper

63 100

106 27.9 20.2 30.2

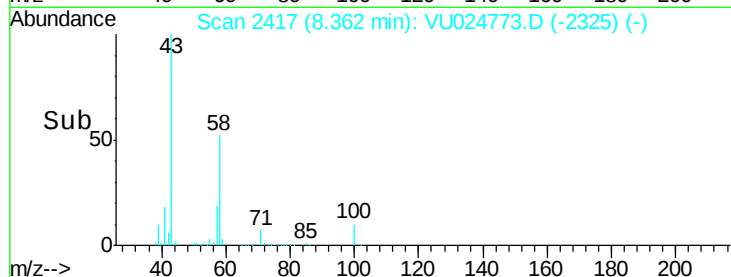
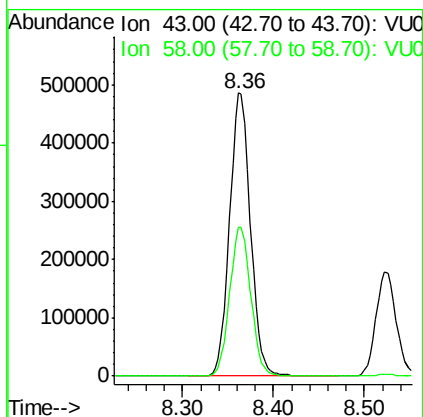
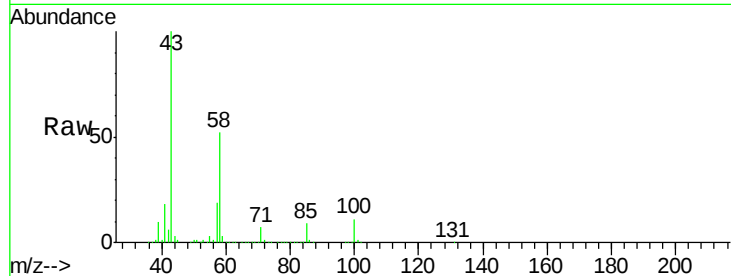




#59
2-Hexanone
Concen: 244.281 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

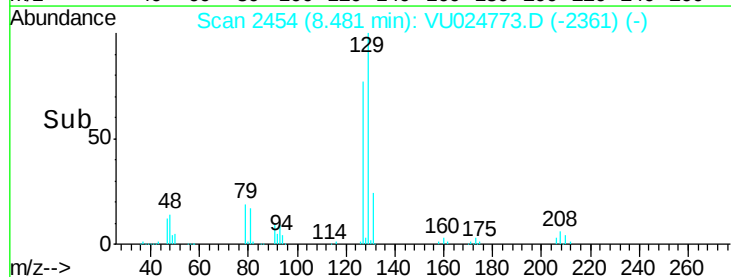
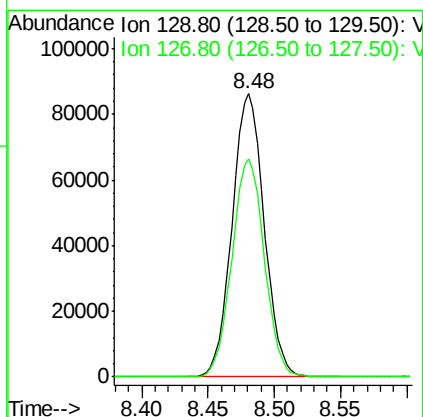
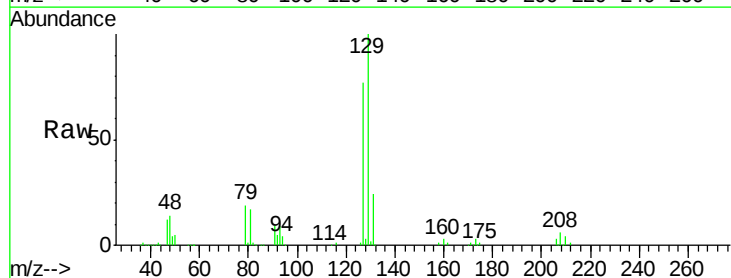
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 774523
Ion Ratio Lower Upper
43 100
58 53.3 26.4 79.0



#60
Dibromochloromethane
Concen: 47.573 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Tgt Ion: 129 Resp: 145051
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61

1,2-Dibromoethane

Concen: 50.564 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

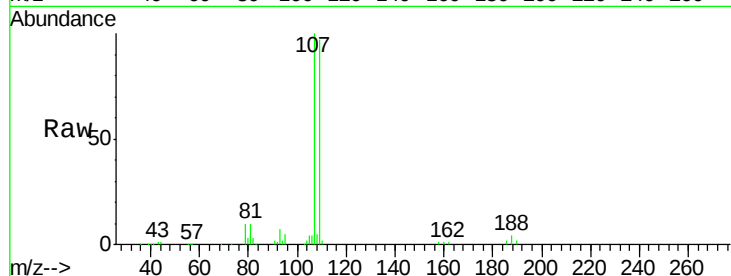
VSTDCCC050EC

Tgt Ion:107 Resp: 137606

Ion Ratio Lower Upper

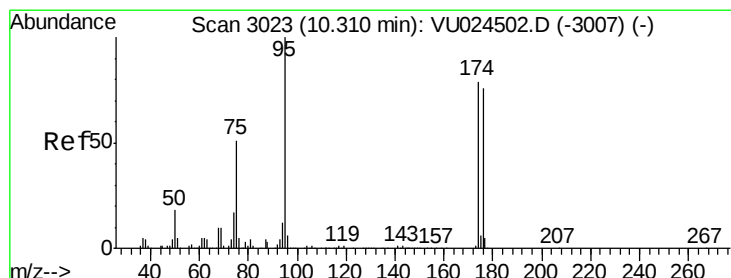
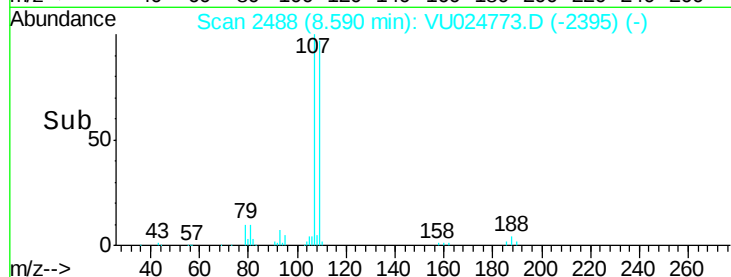
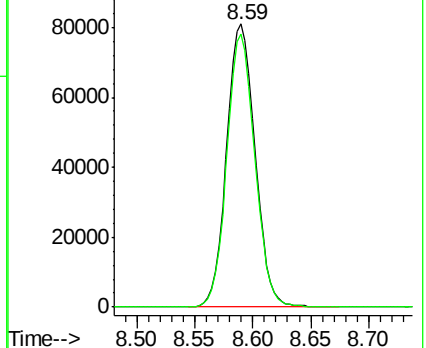
107 100

109 94.9 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: 45.639 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

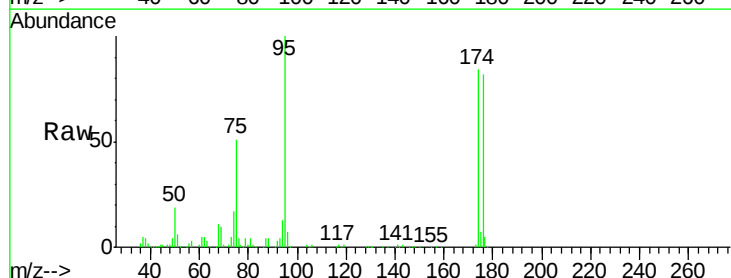
Tgt Ion: 95 Resp: 153169

Ion Ratio Lower Upper

95 100

174 83.9 0.0 165.8

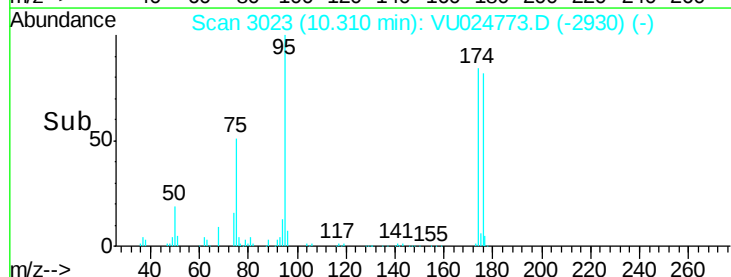
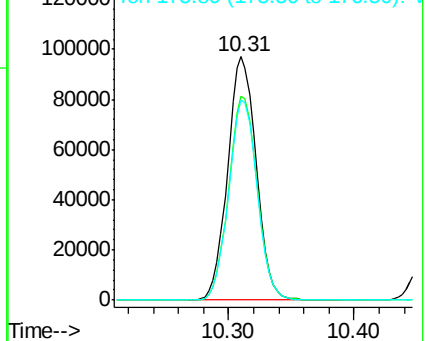
176 82.1 0.0 159.4

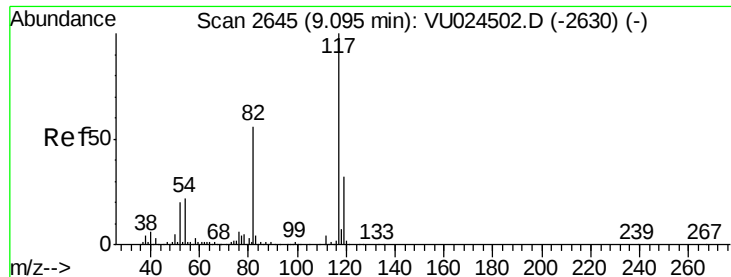


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

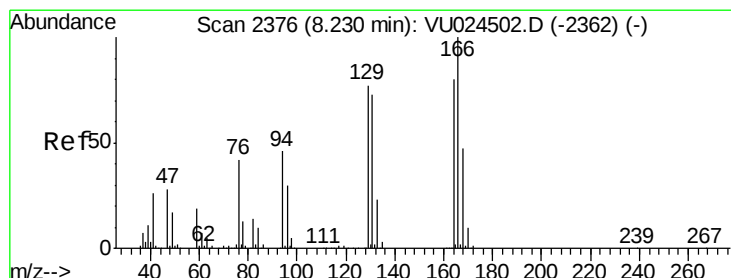
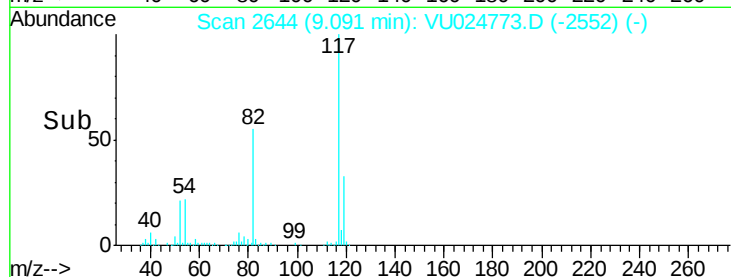
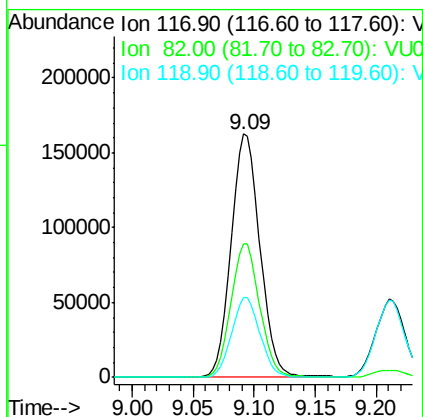
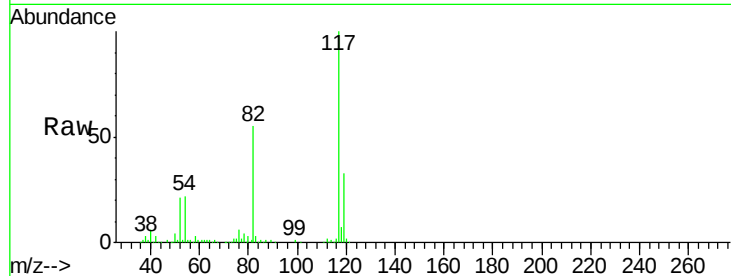




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

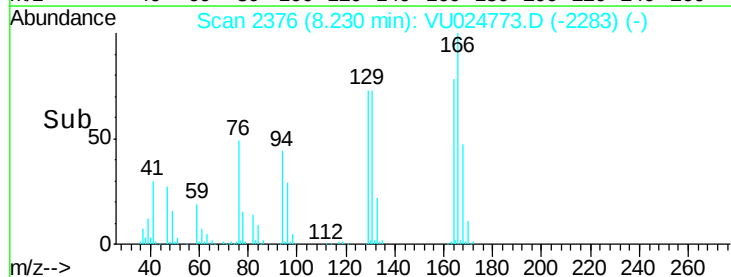
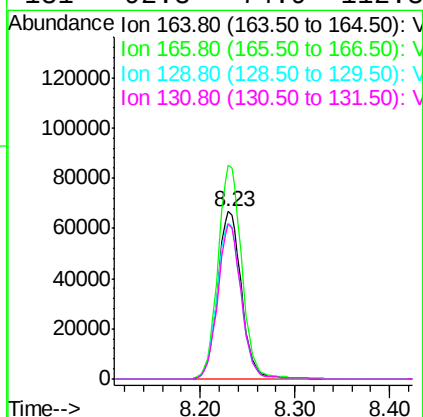
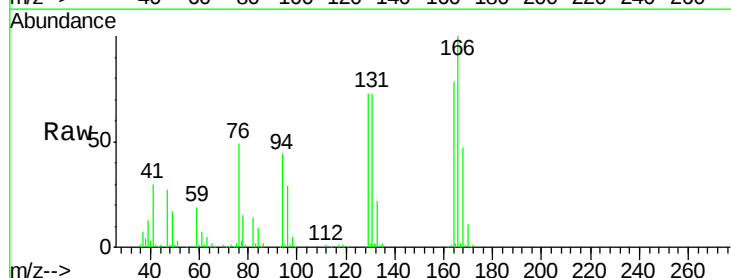
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 268580
Ion Ratio Lower Upper
117 100
82 55.1 44.3 66.5
119 32.9 25.4 38.2



#64
Tetrachloroethene
Concen: 45.602 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Tgt Ion:164 Resp: 116419
Ion Ratio Lower Upper
164 100
166 127.6 101.7 152.5
129 93.5 76.9 115.3
131 92.8 74.9 112.3





#65

Chlorobenzene

Concen: 49.621 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

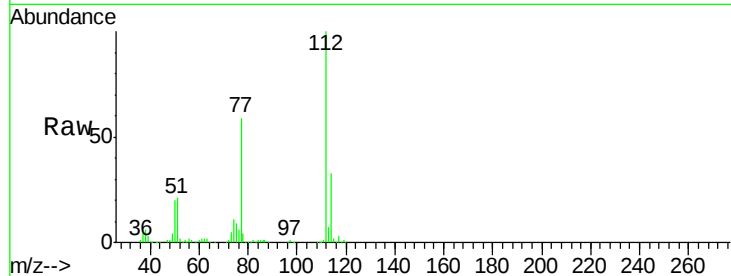
VSTDCCC050EC

Tgt Ion:112 Resp: 340459

Ion Ratio Lower Upper

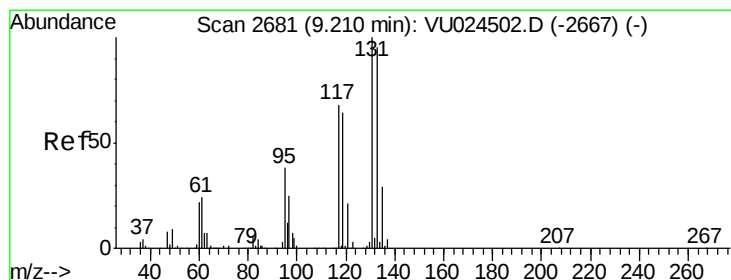
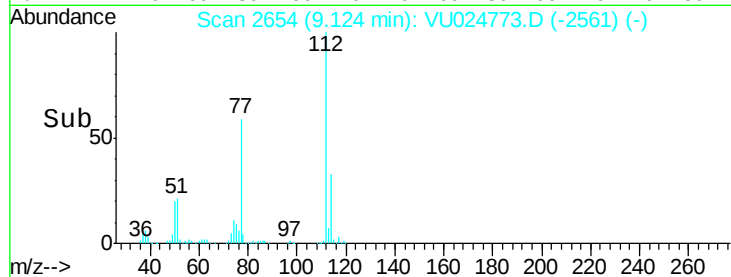
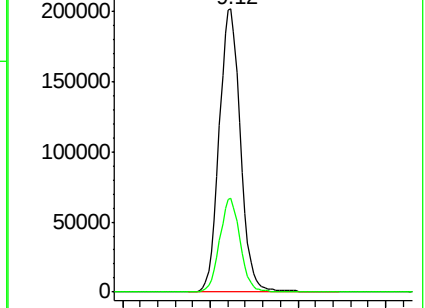
112 100

114 33.0 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.826 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

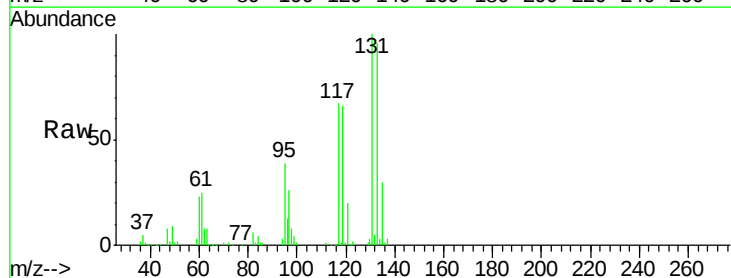
Tgt Ion:131 Resp: 129883

Ion Ratio Lower Upper

131 100

133 95.8 46.9 140.8

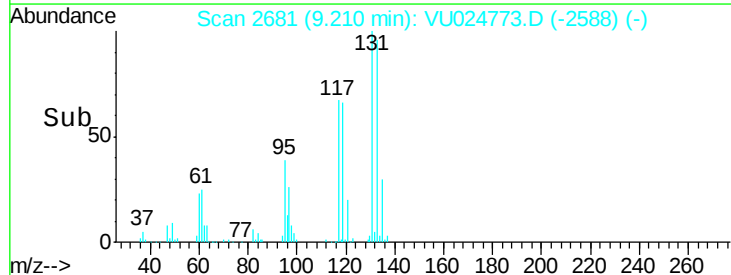
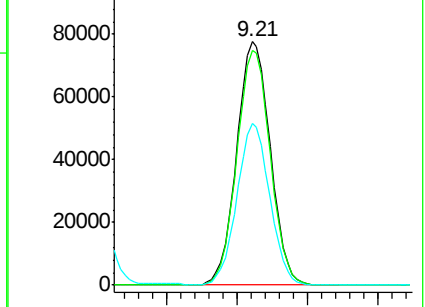
119 64.8 33.5 100.4

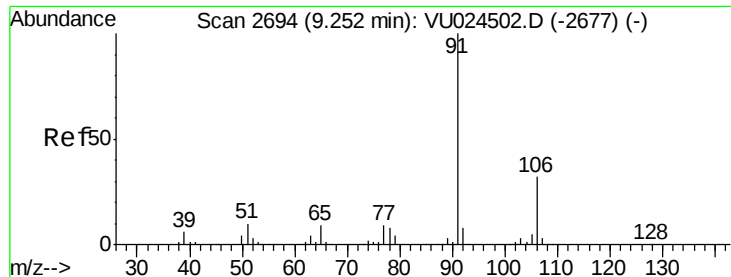


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 49.083 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

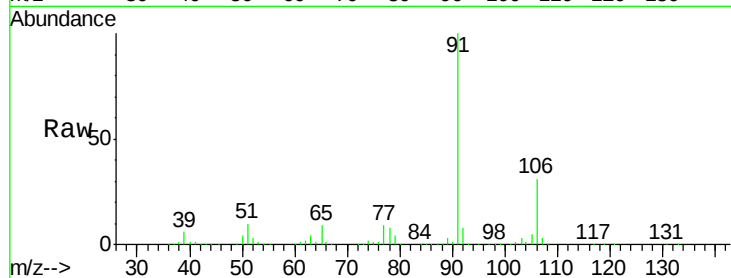
VSTDCCC050EC

Tgt Ion: 91 Resp: 590389

Ion Ratio Lower Upper

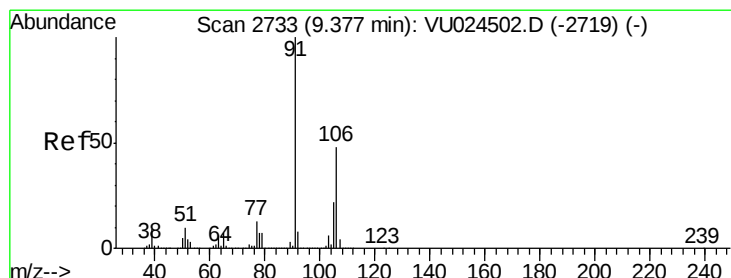
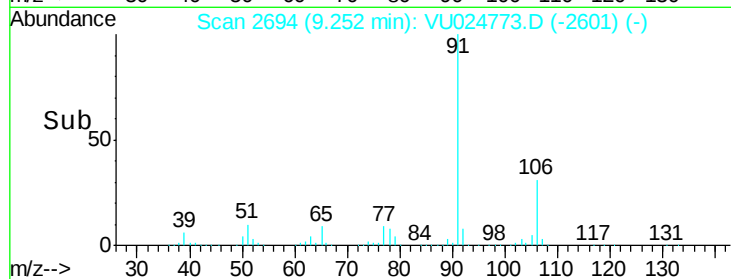
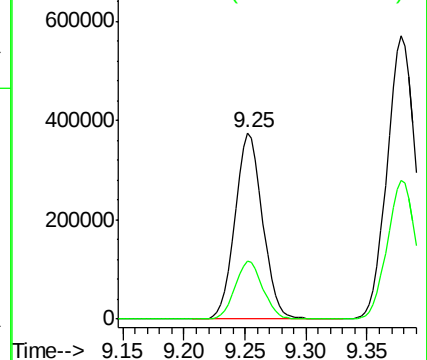
91 100

106 31.2 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 99.232 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU024773.D

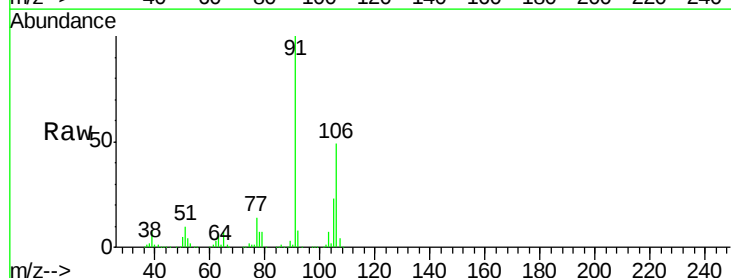
Acq: 20 Jun 2018 21:35

Tgt Ion: 106 Resp: 458340

Ion Ratio Lower Upper

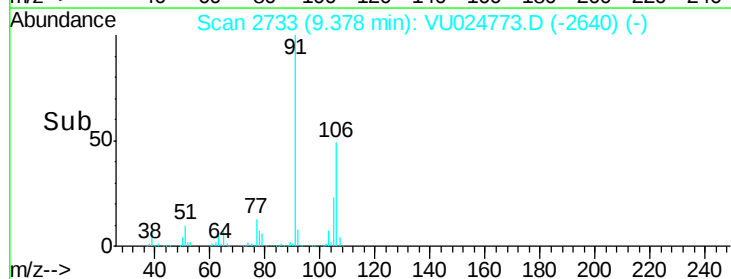
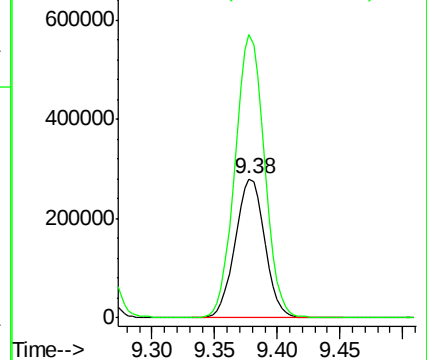
106 100

91 203.4 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

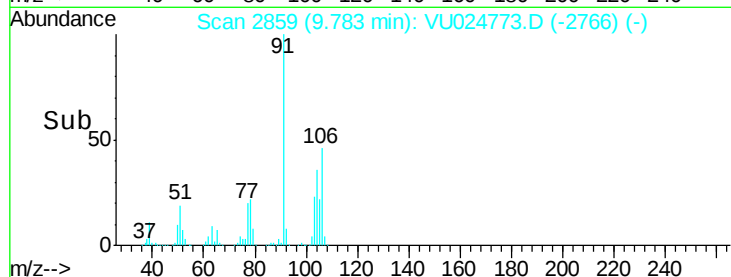
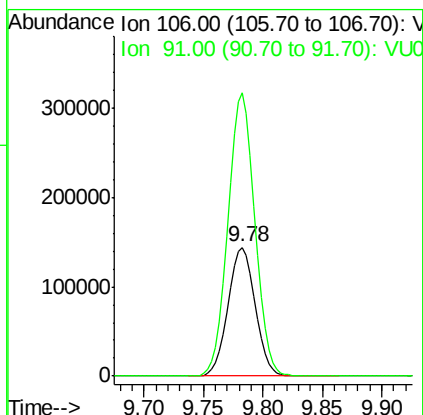
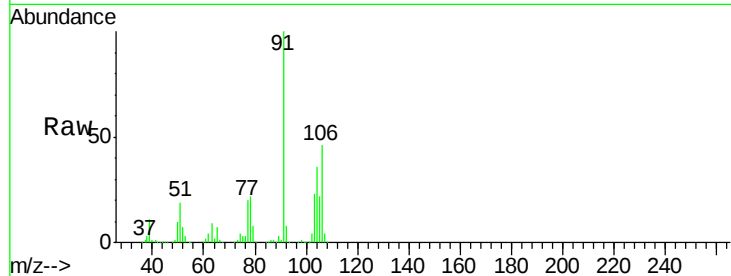




#69
o-Xylene
Concen: 49.938 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

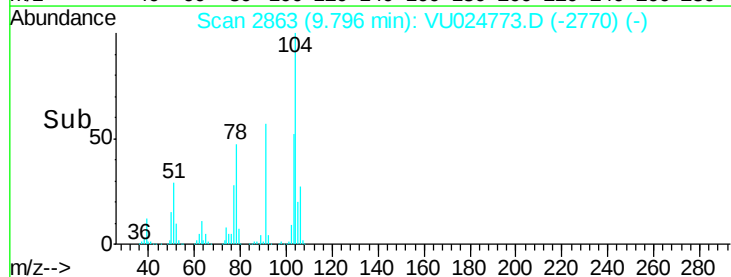
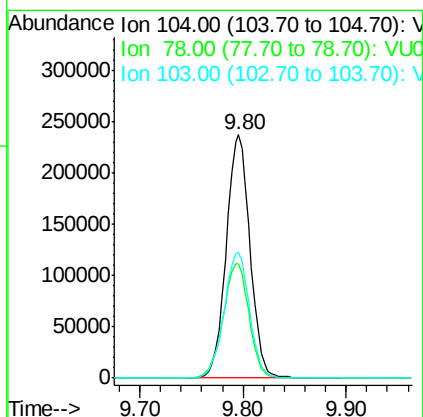
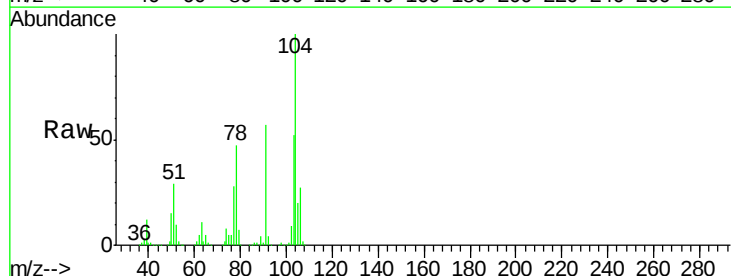
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

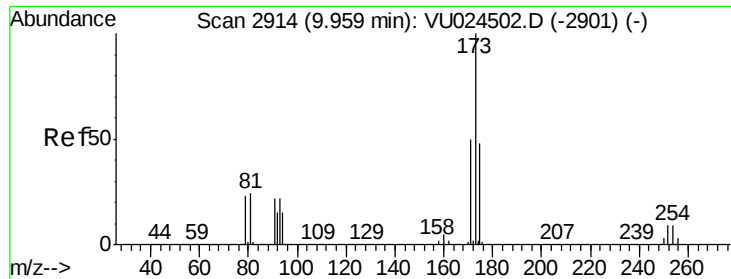
Tgt Ion:106 Resp: 228271
Ion Ratio Lower Upper
106 100
91 217.0 110.7 331.9



#70
Styrene
Concen: 50.584 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Tgt Ion:104 Resp: 379979
Ion Ratio Lower Upper
104 100
78 51.2 40.6 60.8
103 55.2 44.7 67.1





#71

Bromoform

Concen: 47.752 ug/l

RT: 9.96 min Scan# 2914

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

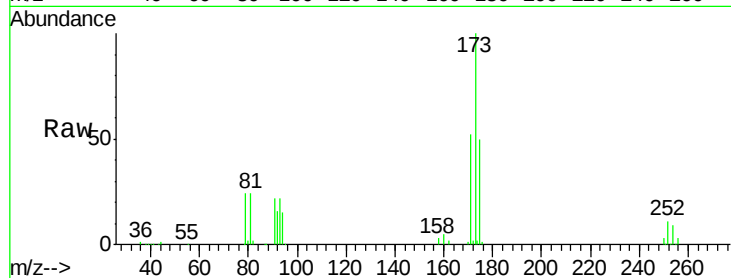
Tgt Ion:173 Resp: 118314

Ion Ratio Lower Upper

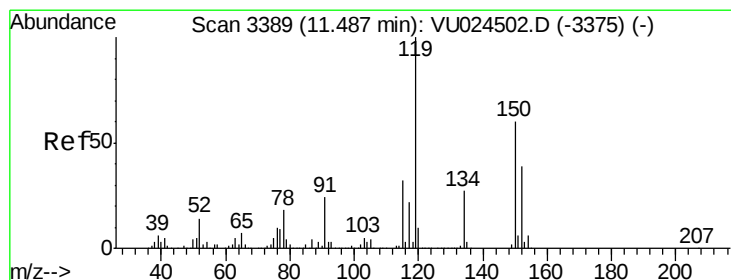
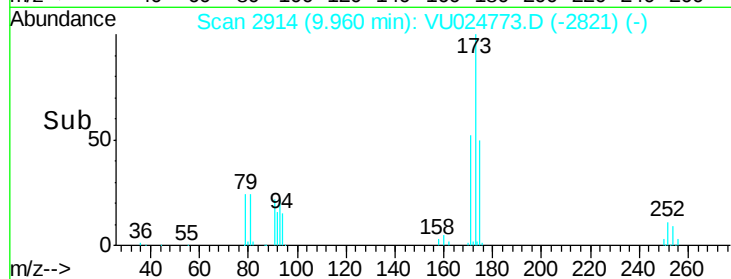
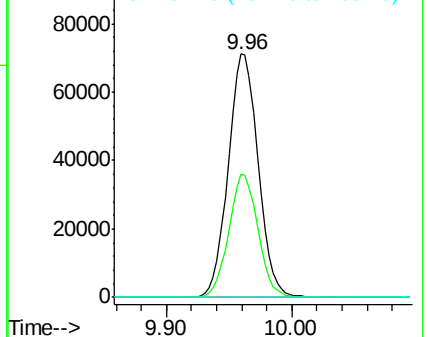
173 100

175 49.2 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: VU024773.D

Acq: 20 Jun 2018 21:35

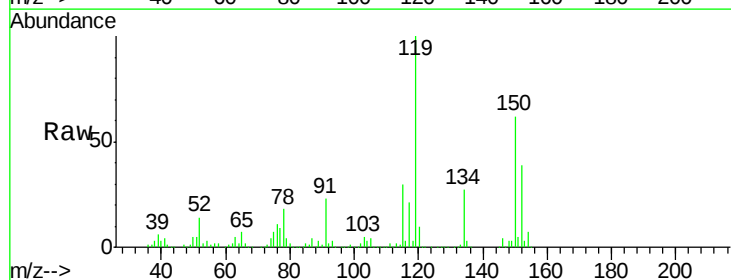
Tgt Ion:152 Resp: 164115

Ion Ratio Lower Upper

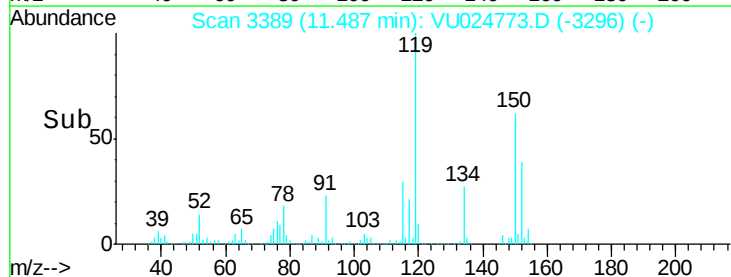
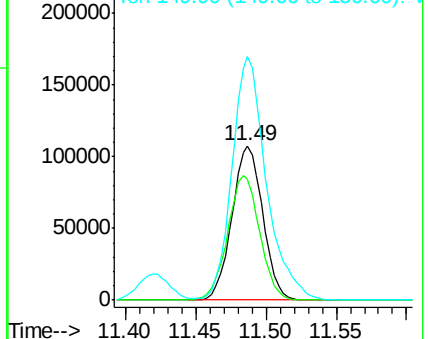
152 100

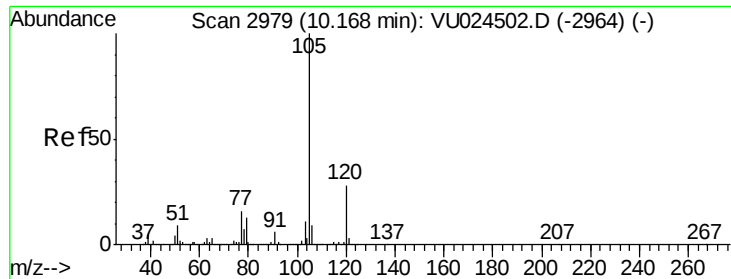
115 83.8 43.0 129.0

150 175.8 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: 48.970 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

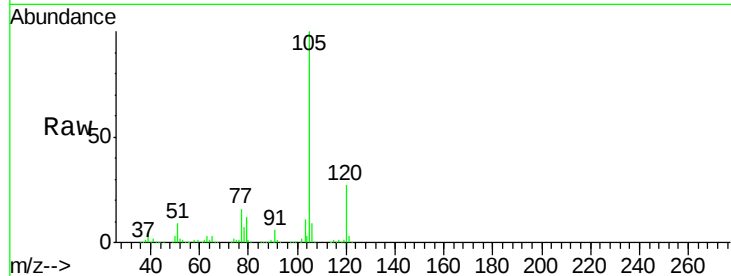
VSTDCCC050EC

Tgt Ion: 105 Resp: 617024

Ion Ratio Lower Upper

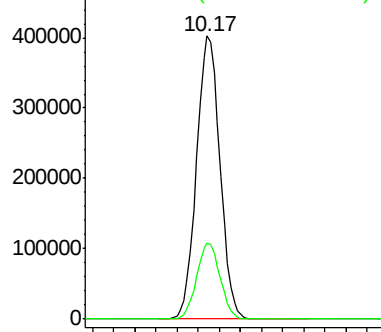
105 100

120 26.9 13.2 39.6

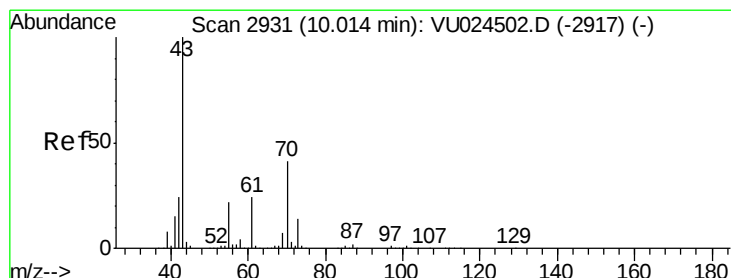
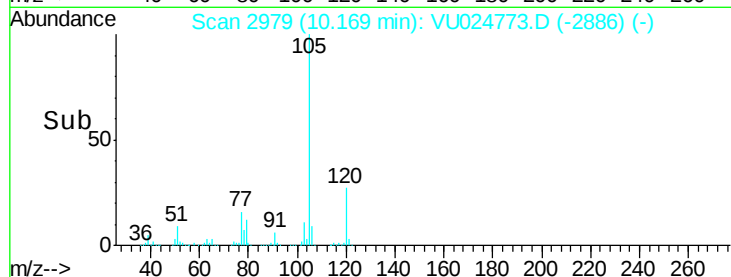


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 48.780 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Tgt Ion: 43 Resp: 292349

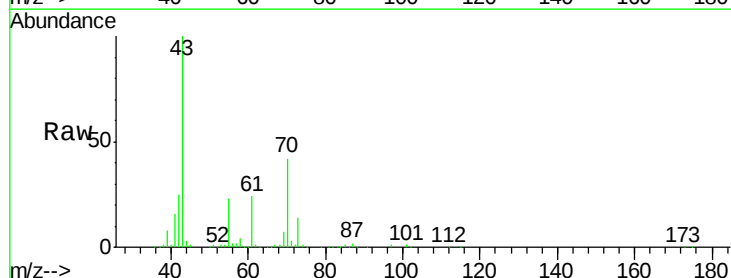
Ion Ratio Lower Upper

43 100

70 40.8 32.2 48.4

55 22.6 20.5 30.7

61 23.5 18.7 28.1

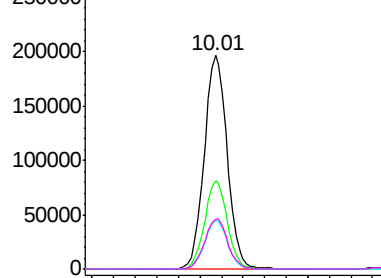


Abundance Ion 43.00 (42.70 to 43.70): VU0

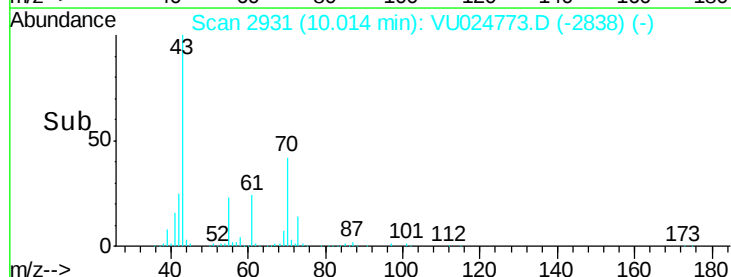
Ion 70.00 (69.70 to 70.70): VU0

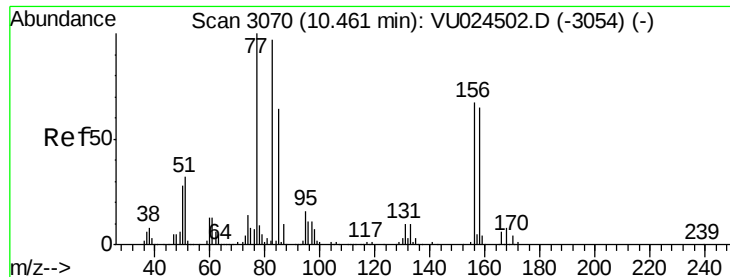
Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.221 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

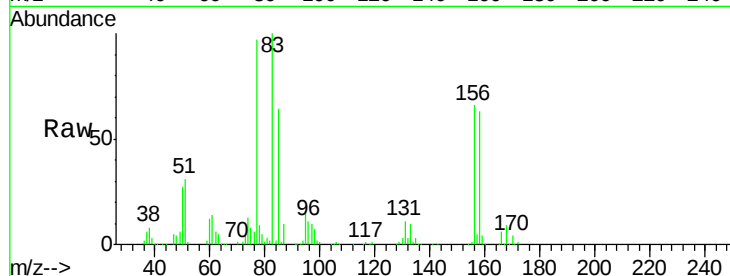
Tgt Ion: 83 Resp: 212050

Ion Ratio Lower Upper

83 100

131 10.6 4.7 14.1

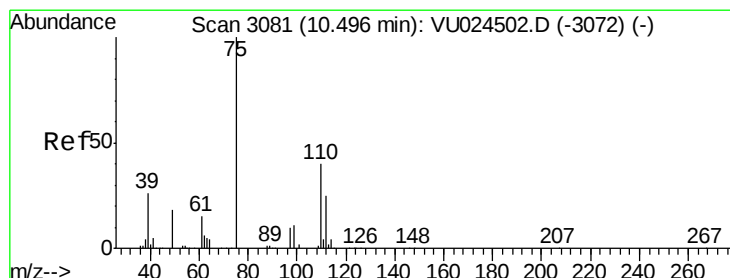
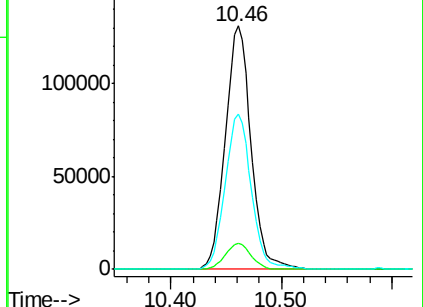
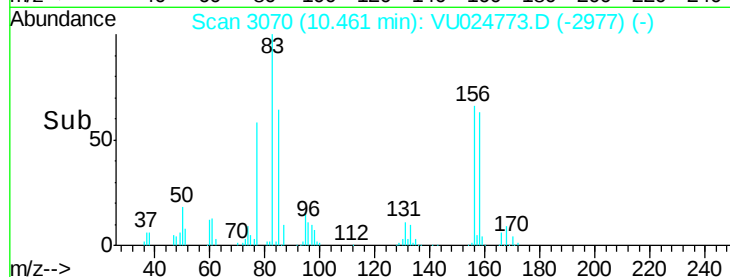
85 65.0 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU024773.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU024773.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU024773.D (-2977) (-)



#76

1,2,3-Trichloropropane

Concen: 66.059 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024773.D

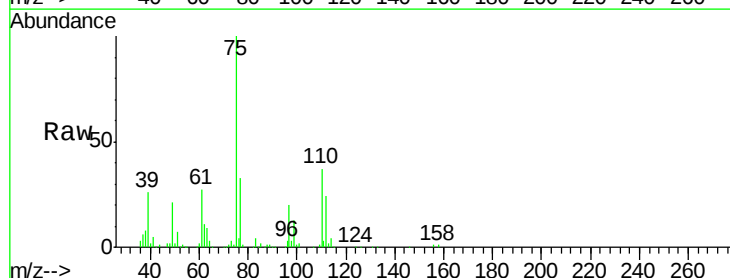
Acq: 20 Jun 2018 21:35

Tgt Ion: 75 Resp: 238686

Ion Ratio Lower Upper

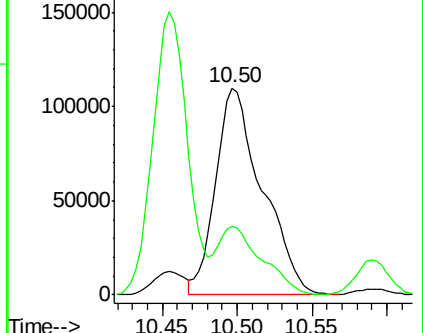
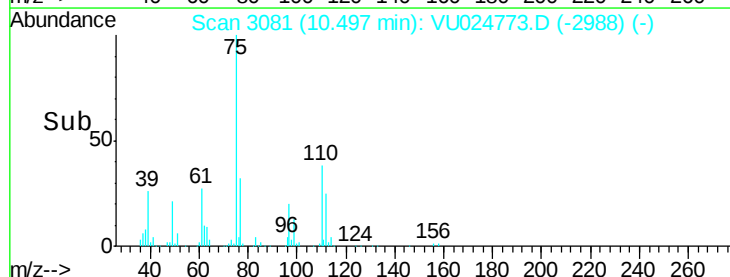
75 100

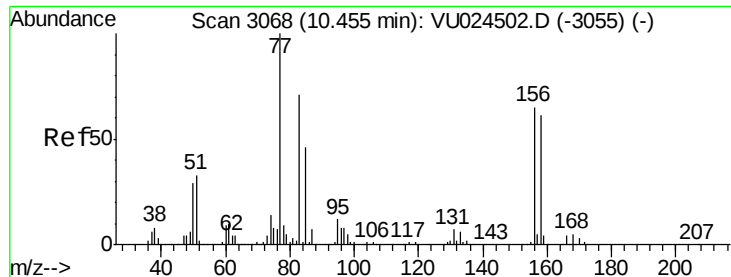
77 32.1 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU024773.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU024773.D (-2988) (-)





#77

Bromobenzene

Concen: 49.600 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

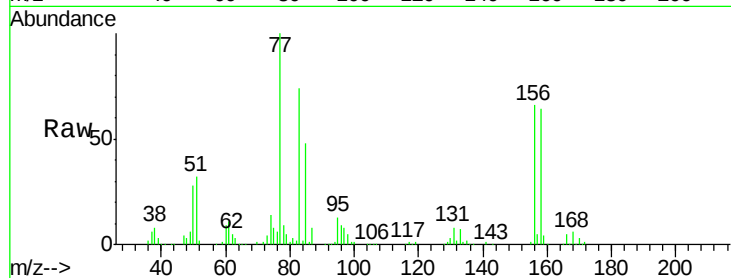
Tgt Ion:156 Resp: 158219

Ion Ratio Lower Upper

156 100

77 152.4 80.5 241.3

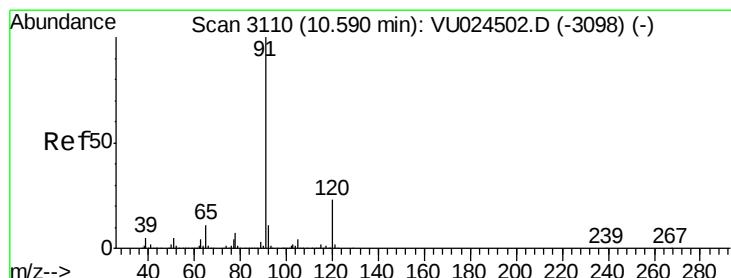
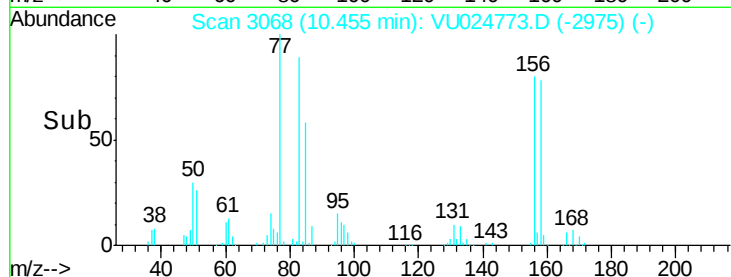
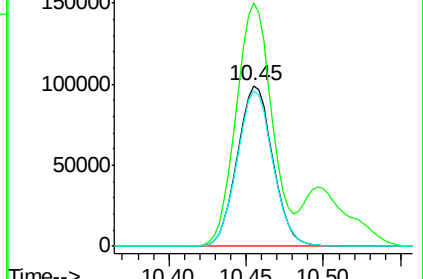
158 97.8 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.343 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024773.D

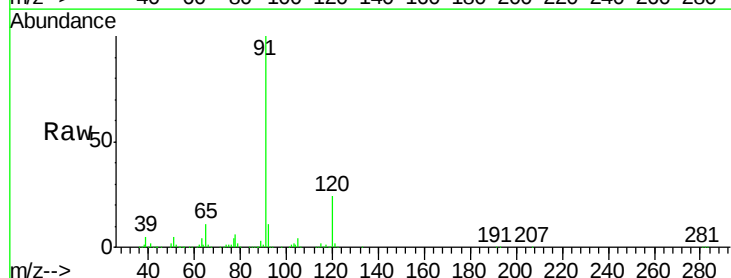
Acq: 20 Jun 2018 21:35

Tgt Ion: 91 Resp: 702701

Ion Ratio Lower Upper

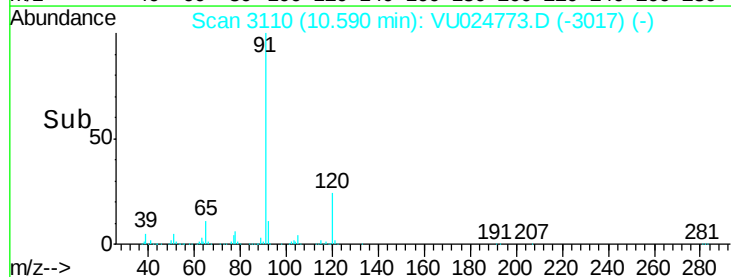
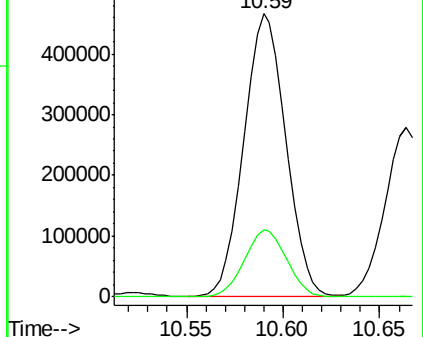
91 100

120 23.9 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: 48.421 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

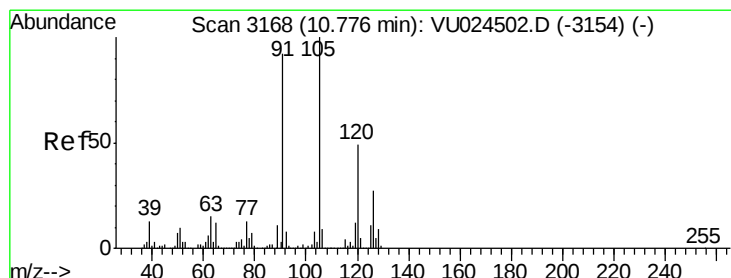
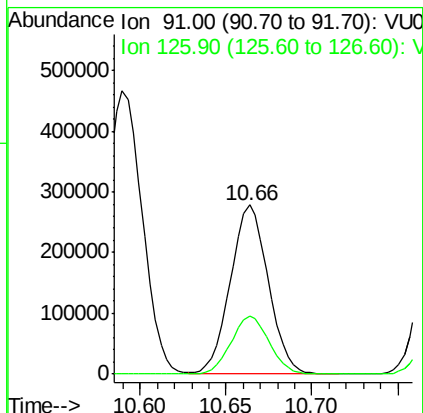
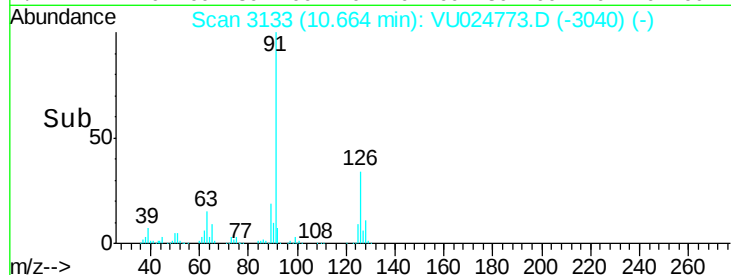
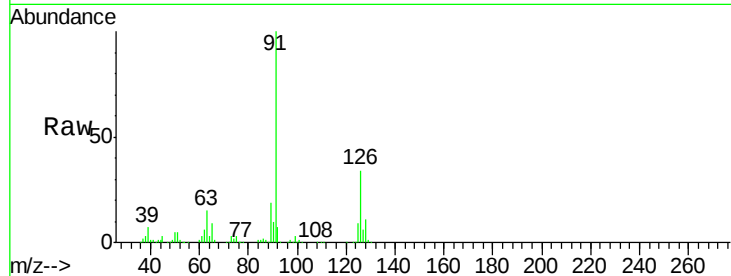
VSTDCCC050EC

Tgt Ion: 91 Resp: 423833

Ion Ratio Lower Upper

91 100

126 34.9 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 48.972 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024773.D

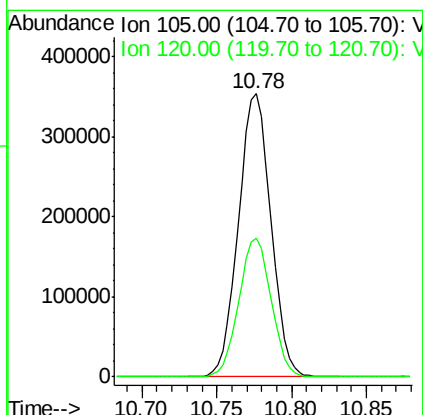
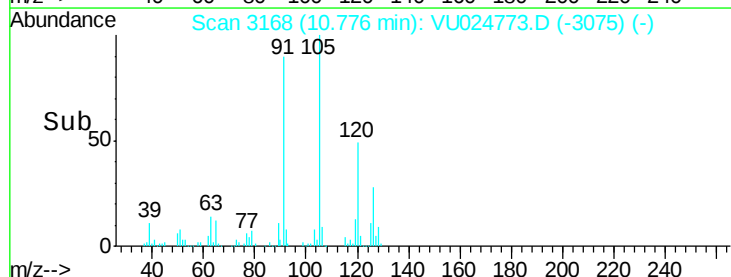
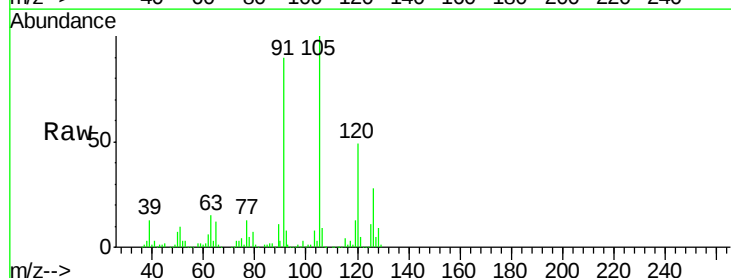
Acq: 20 Jun 2018 21:35

Tgt Ion: 105 Resp: 534829

Ion Ratio Lower Upper

105 100

120 48.9 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 152.888 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.02 min

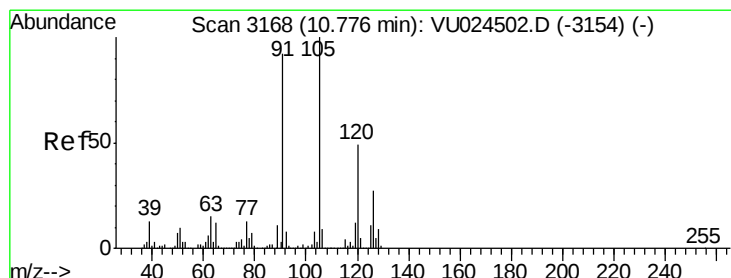
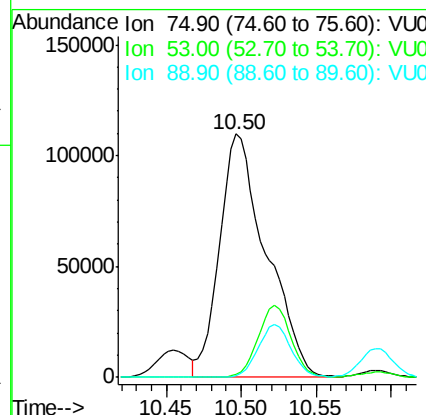
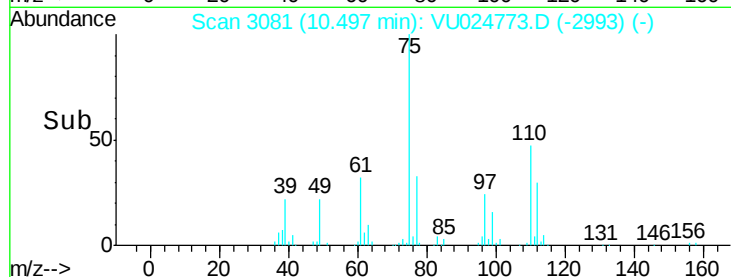
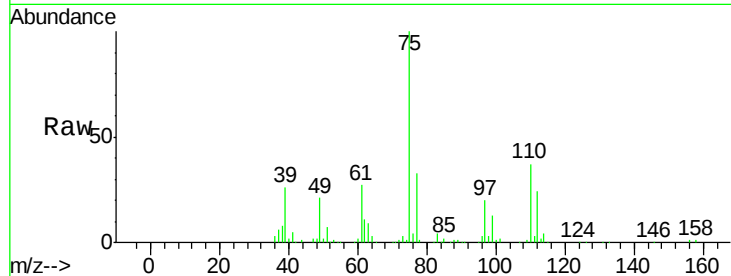
Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 238686

Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0



#82

4-Chlorotoluene

Concen: 48.145 ug/l

RT: 10.78 min Scan# 3168

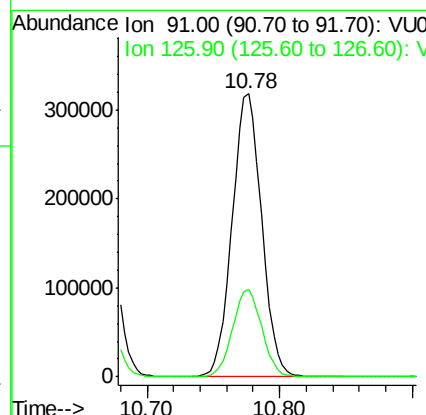
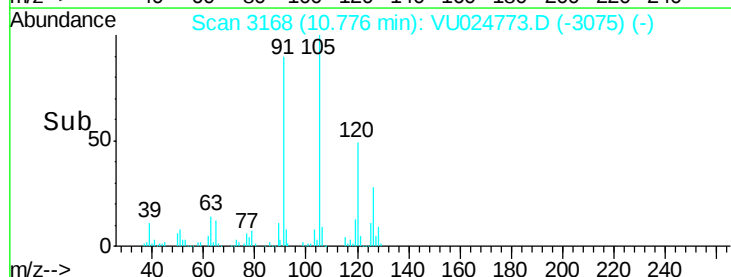
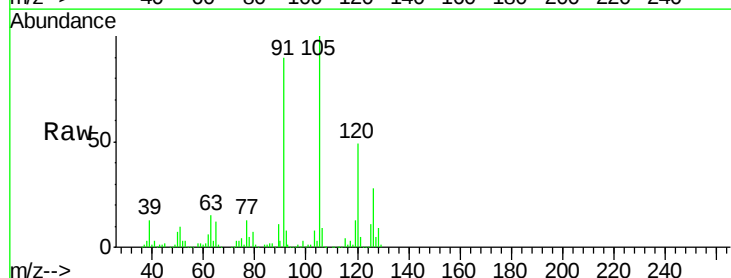
Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Tgt Ion: 91 Resp: 490485

Ion	Ratio	Lower	Upper
91	100		
126	30.8	14.9	44.9

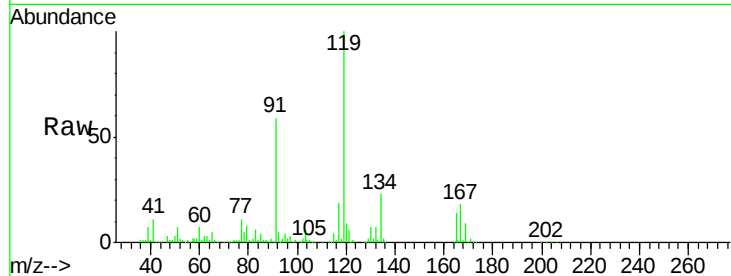




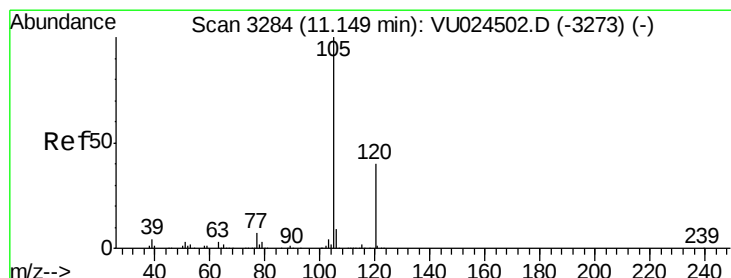
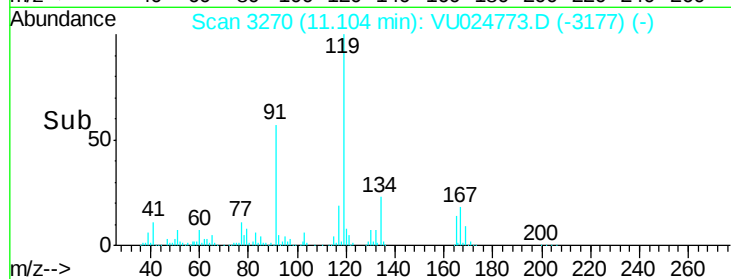
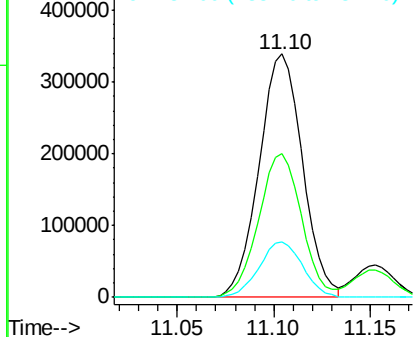
#83
 tert-Butylbenzene
 Concen: 50.602 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 531589
 Ion Ratio Lower Upper
 119 100
 91 58.6 29.7 89.1
 134 22.9 11.6 34.7

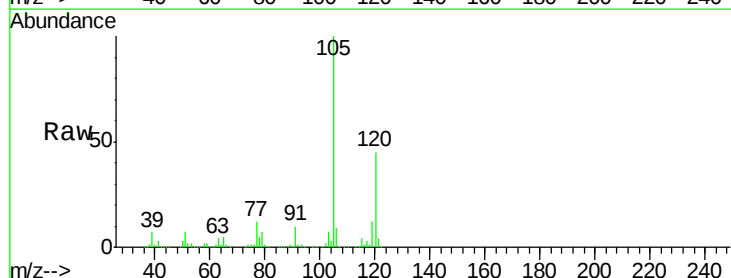


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

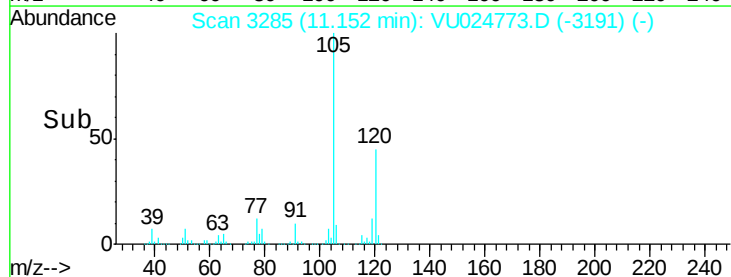
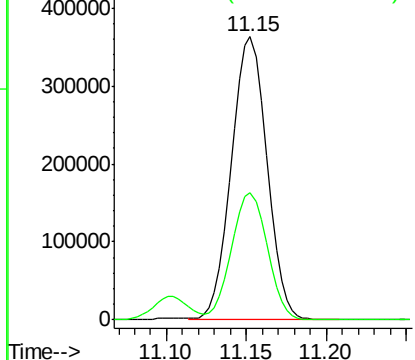


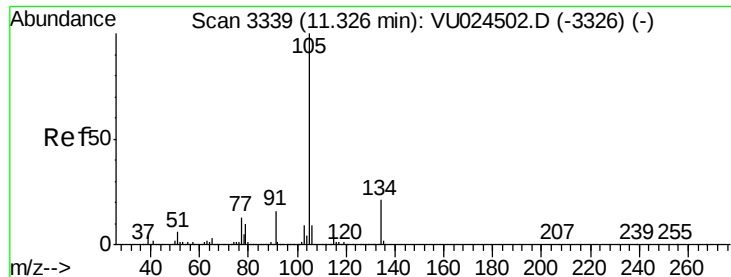
#84
 1,2,4-Trimethylbenzene
 Concen: 49.314 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

Tgt Ion:105 Resp: 548848
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

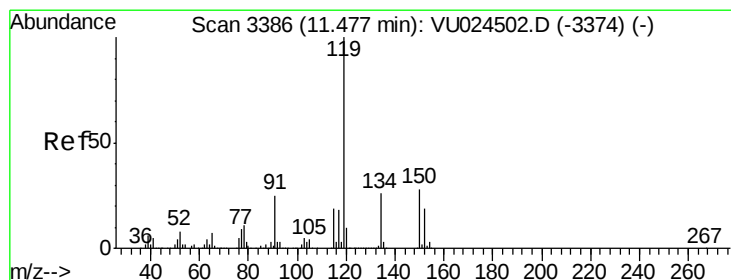
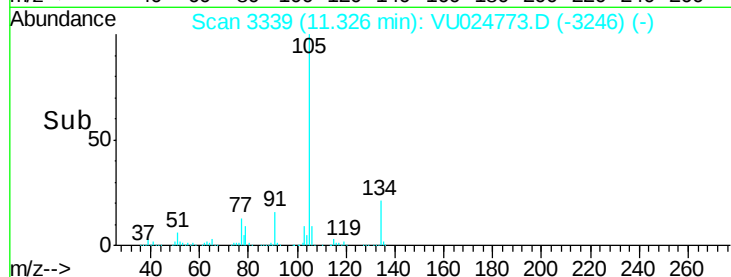
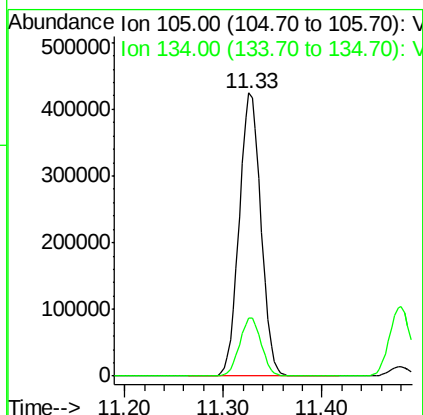
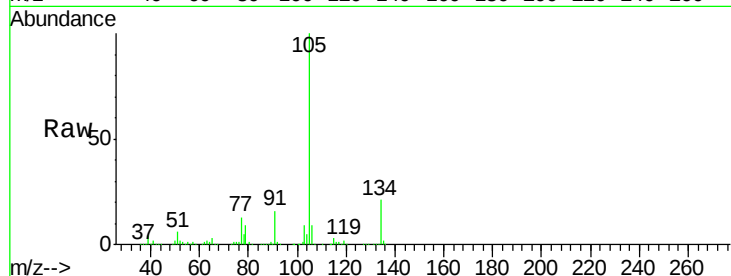




#85
 sec-Butylbenzene
 Concen: 49.106 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

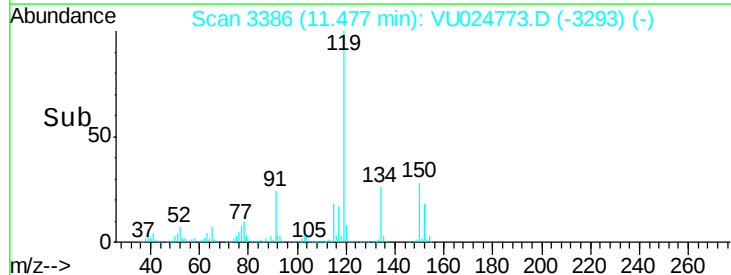
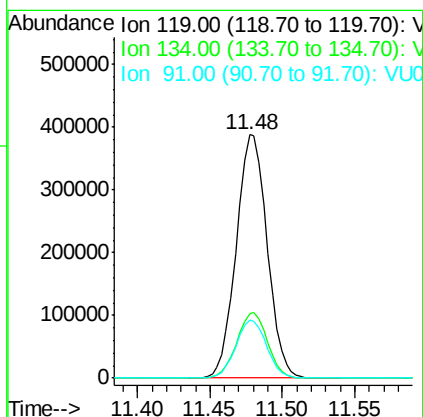
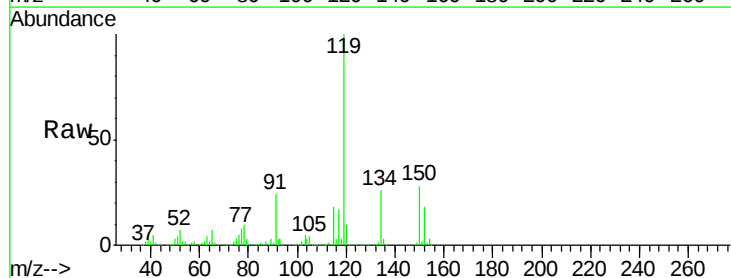
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 645734
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 48.735 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

Tgt Ion:119 Resp: 573962
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.9 38.6
 91 24.0 12.0 36.1

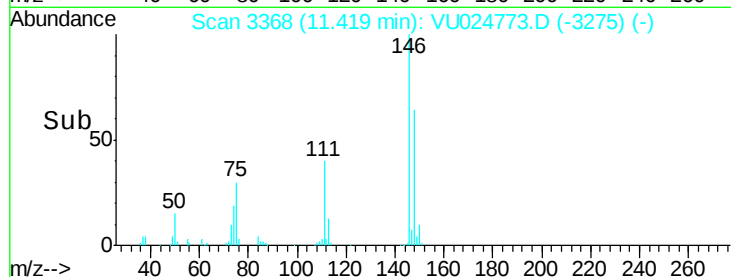
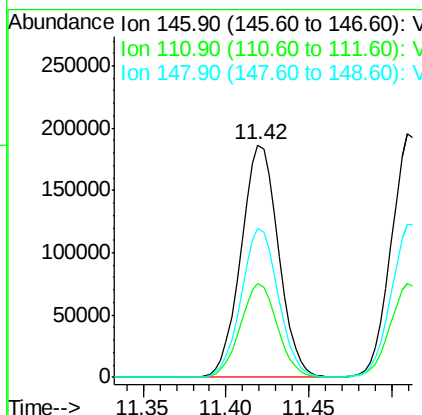
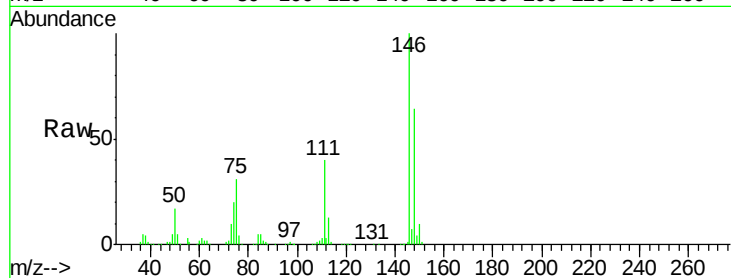




#87
 1,3-Dichlorobenzene
 Concen: 49.643 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

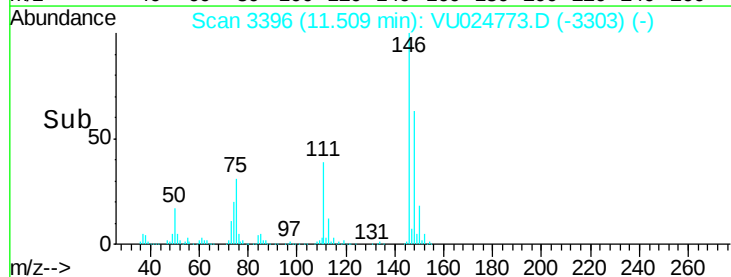
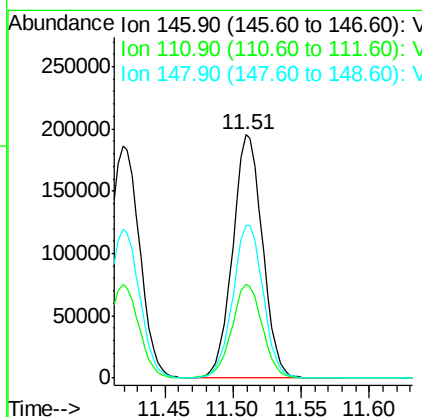
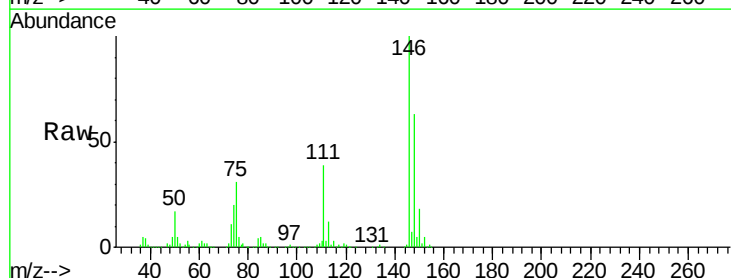
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.0	60.0
148	63.7	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 49.890 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.5	58.5
148	64.0	32.4	97.0





#89

n-Butylbenzene

Concen: 46.930 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

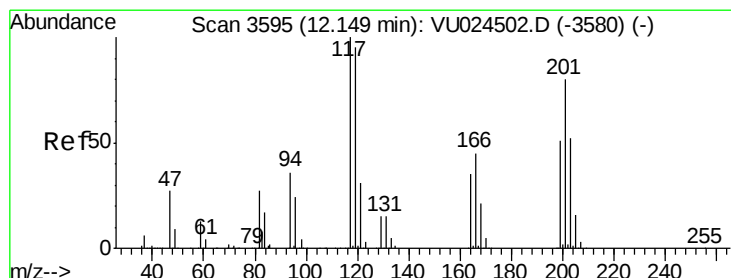
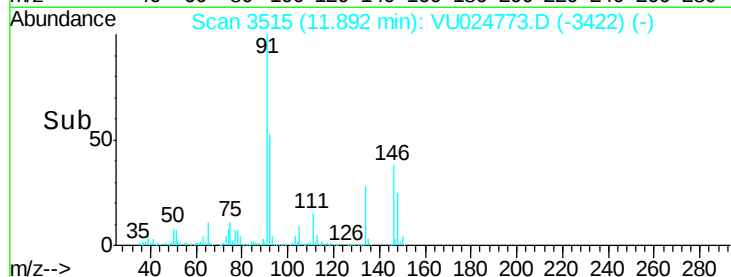
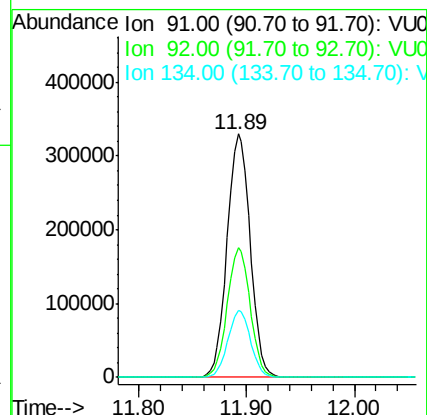
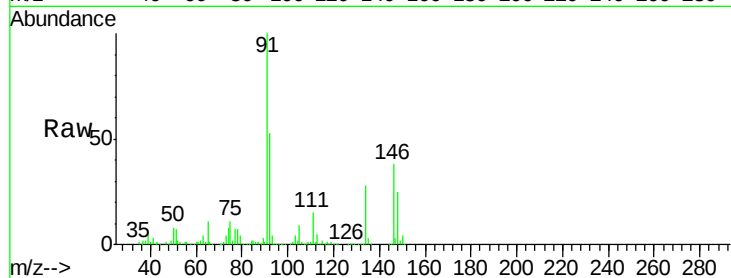
Tgt Ion: 91 Resp: 490695

Ion Ratio Lower Upper

91 100

92 52.9 25.6 76.8

134 27.1 12.3 36.8



#90

Hexachloroethane

Concen: 44.747 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU024773.D

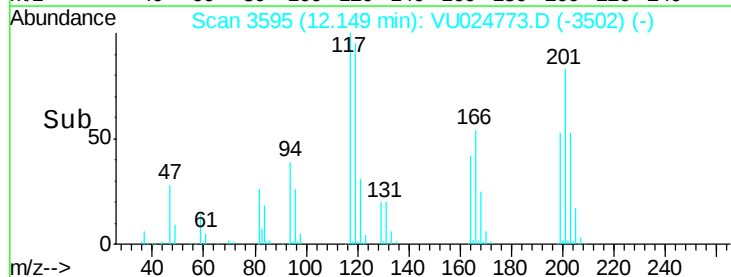
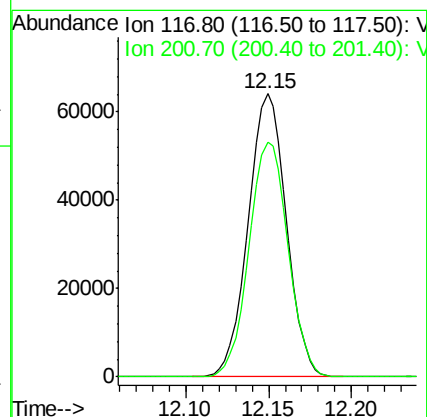
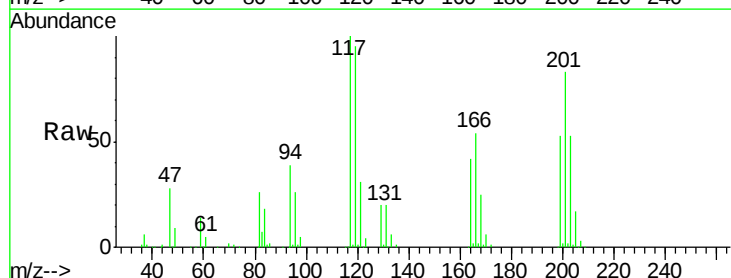
Acq: 20 Jun 2018 21:35

Tgt Ion: 117 Resp: 102803

Ion Ratio Lower Upper

117 100

201 84.8 41.1 123.3





#91

1,2-Dichlorobenzene

Concen: 50.699 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

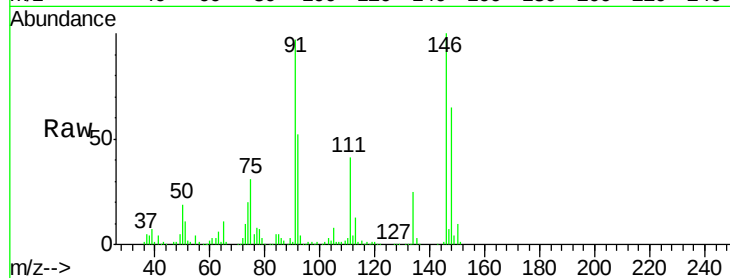
Tgt Ion:146 Resp: 299273

Ion Ratio Lower Upper

146 100

111 40.9 20.5 61.6

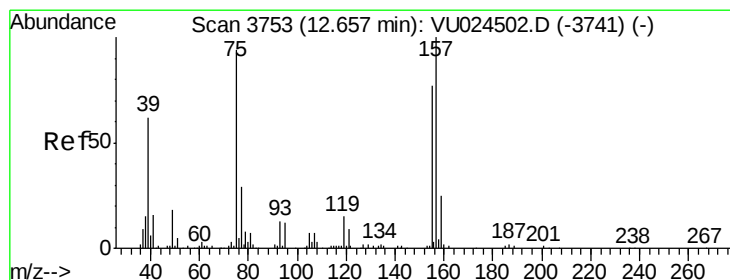
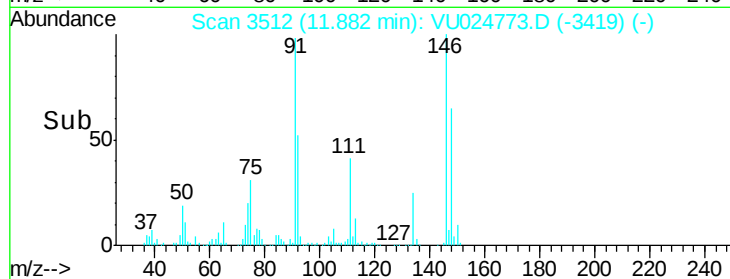
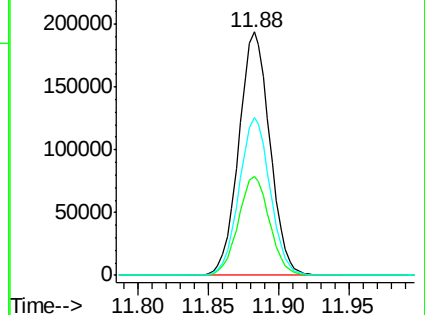
148 65.0 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.546 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

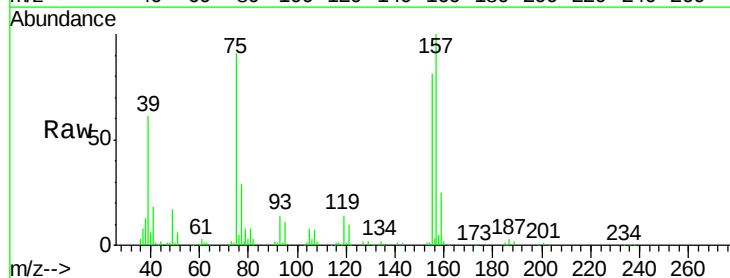
Tgt Ion: 75 Resp: 57724

Ion Ratio Lower Upper

75 100

155 87.1 40.4 121.2

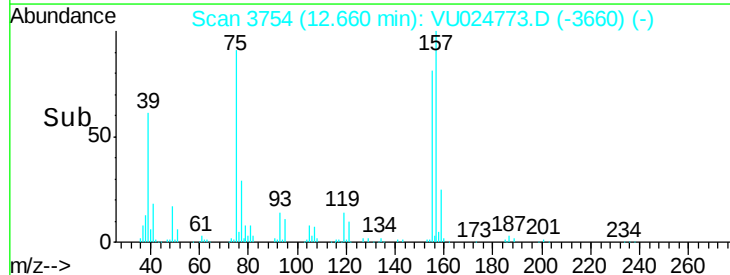
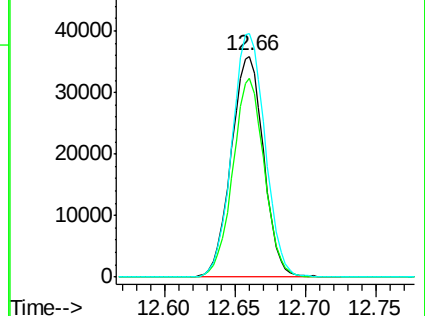
157 112.3 52.3 156.8



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

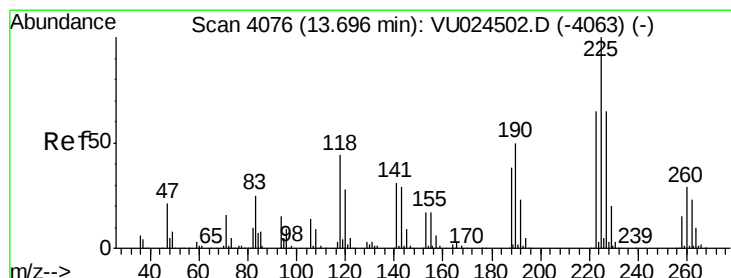
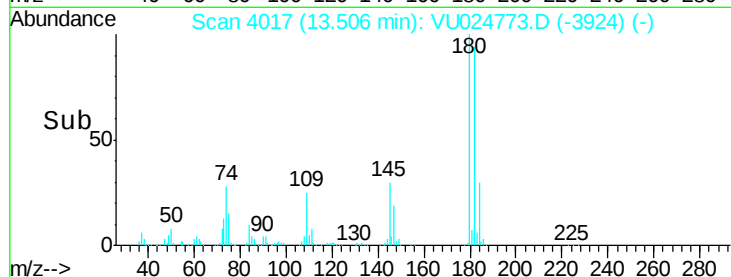
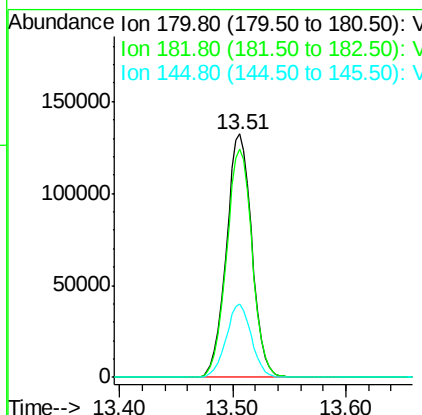
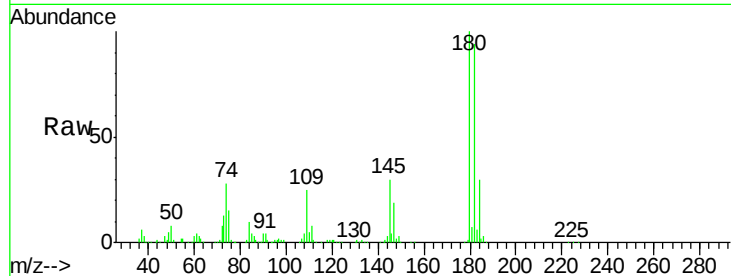




#93
 1,2,4-Trichlorobenzene
 Concen: 56.644 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

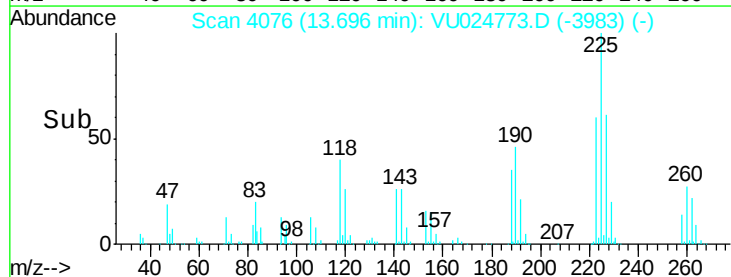
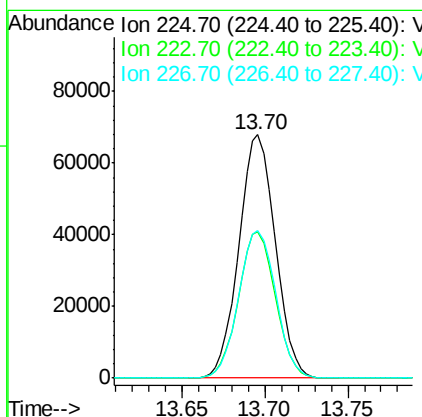
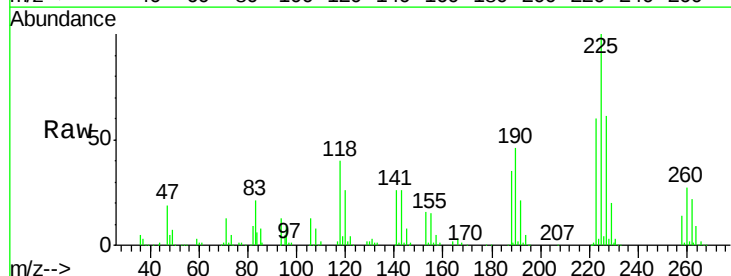
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 206478
 Ion Ratio Lower Upper
 180 100
 182 94.4 48.0 144.2
 145 29.8 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 50.639 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

Tgt Ion:225 Resp: 103897
 Ion Ratio Lower Upper
 225 100
 223 60.9 31.3 93.8
 227 61.9 31.8 95.4

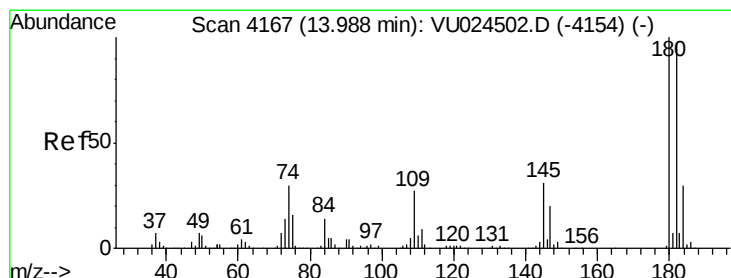
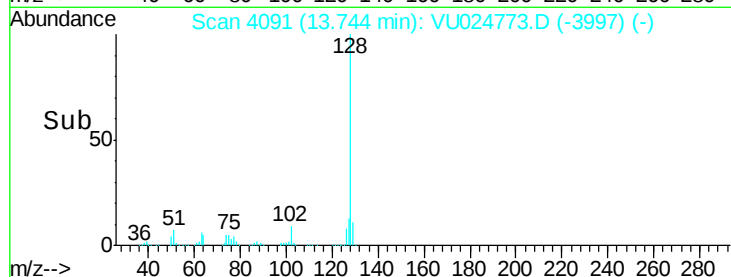
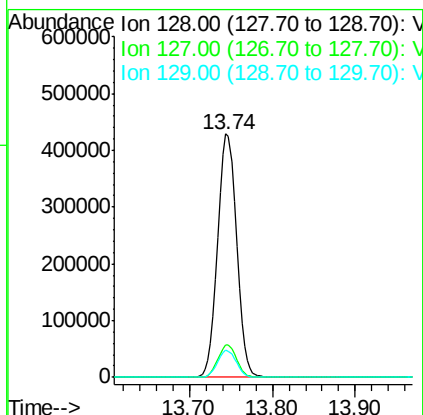
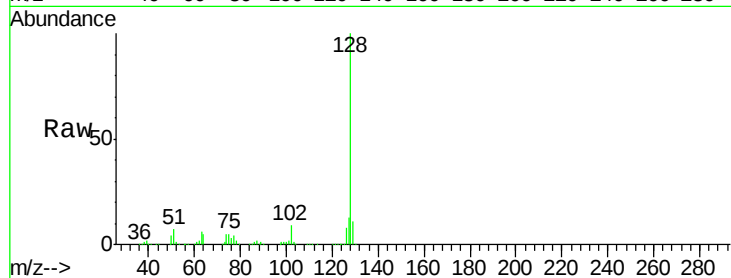




#95
Naphthalene
Concen: 56.255 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 679889
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 59.110 ug/l
RT: 13.99 min Scan# 4167
Delta R.T. 0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Tgt Ion:180 Resp: 214698
Ion Ratio Lower Upper
180 100
182 95.6 47.9 143.7
145 32.2 15.4 46.1

