

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091418\
 Data File : VX004575.D
 Acq On : 15 Sep 2018 10:15
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 17 00:58:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	263483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	340047	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	311530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	214778	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	169869	50.00	ug/l	0.00
Spiked Amount			Recovery	=	100.00%	
35) Dibromofluoromethane	5.50	113	157161	50.51	ug/l	0.00
Spiked Amount			Recovery	=	101.02%	
50) Toluene-d8	8.72	98	508636	48.74	ug/l	0.00
Spiked Amount			Recovery	=	97.48%	
62) 4-Bromofluorobenzene	11.14	95	184588	49.55	ug/l	0.00
Spiked Amount			Recovery	=	99.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	121905	49.37	ug/l	100
3) Chloromethane	1.32	50	159798	47.02	ug/l	97
4) Vinyl Chloride	1.40	62	165084	47.33	ug/l	94
5) Bromomethane	1.64	94	73302	50.20	ug/l	96
6) Chloroethane	1.72	64	111946	49.63	ug/l	96
7) Trichlorofluoromethane	1.92	101	218658	47.29	ug/l	95
8) Diethyl Ether	2.19	74	102851	49.62	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	136328	46.48	ug/l	100
10) Methyl Iodide	2.51	142	139194	40.57	ug/l	97
11) Tert butyl alcohol	3.07	59	189492	233.75	ug/l	99
12) 1,1-Dichloroethene	2.37	96	134862	48.99	ug/l	87
13) Acrolein	2.29	56	80166	250.52	ug/l	98
14) Allyl chloride	2.72	41	256232	45.27	ug/l	94
15) Acrylonitrile	3.15	53	466629	239.03	ug/l	97
16) Acetone	2.45	43	358408	216.15	ug/l	97
17) Carbon Disulfide	2.57	76	376497	47.31	ug/l	99
18) Methyl Acetate	2.78	43	223843	48.12	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	481530	49.85	ug/l	99
20) Methylene Chloride	2.85	84	157466	46.29	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	145398	47.79	ug/l	97
22) Diisopropyl ether	3.87	45	502290	49.27	ug/l	97
23) Vinyl Acetate	3.82	43	2031585	246.27	ug/l	99
24) 1,1-Dichloroethane	3.69	63	278612	48.41	ug/l	97
25) 2-Butanone	4.70	43	583331	221.04	ug/l	98
26) 2,2-Dichloropropane	4.59	77	122747	31.05	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	170779	50.29	ug/l	97
28) Bromochloromethane	5.03	49	132629	50.38	ug/l	97
29) Tetrahydrofuran	5.16	42	393326	247.14	ug/l	96
30) Chloroform	5.21	83	272173	48.44	ug/l	91
31) Cyclohexane	5.57	56	246446	50.15	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	225754	49.88	ug/l	99
36) 1,1-Dichloropropene	5.80	75	205051	49.67	ug/l	98
37) Ethyl Acetate	4.86	43	214406	45.66	ug/l	98
38) Carbon Tetrachloride	5.78	117	199664	49.52	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	210030	48.75	ug/l	98
40) Benzene	6.14	78	624428	50.98	ug/l	95
41) Methacrylonitrile	5.06	41	125484	48.51	ug/l	98
42) 1,2-Dichloroethane	6.20	62	200897	49.45	ug/l	99
43) Isopropyl Acetate	6.46	43	323852	51.93	ug/l	99
44) Trichloroethene	7.21	130	153860	48.35	ug/l	97
45) 1,2-Dichloropropane	7.52	63	147489	50.04	ug/l	99
46) Dibromomethane	7.66	93	90480	48.59	ug/l	98
47) Bromodichloromethane	7.90	83	175647	49.88	ug/l	100
48) Methyl methacrylate	7.77	41	155728	50.46	ug/l	97
49) 1,4-Dioxane	7.76	88	72225	988.73	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	989683	224.88	ug/l	99
52) Toluene	8.79	92	342751	47.49	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	206360	50.17	ug/l	94
54) cis-1,3-Dichloropropene	8.44	75	202801	48.36	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	162771	52.38	ug/l	96
56) Ethyl methacrylate	9.18	69	250710	57.03	ug/l	97
57) 1,3-Dichloropropane	9.37	76	259887	51.47	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	541684	242.09	ug/l	96
59) 2-Hexanone	9.50	43	764613	226.50	ug/l	100
60) Dibromochloromethane	9.59	129	144173	49.28	ug/l	97
61) 1,2-Dibromoethane	9.68	107	143962	48.50	ug/l	99
64) Tetrachloroethene	9.34	164	194178	49.92	ug/l	92
65) Chlorobenzene	10.14	112	385937	49.87	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	139087	52.12	ug/l	99
67) Ethyl Benzene	10.26	91	656051	52.14	ug/l	99
68) m/p-Xylenes	10.36	106	507962	104.80	ug/l	98
69) o-Xylene	10.70	106	248129	53.25	ug/l	99
70) Styrene	10.71	104	419021	54.28	ug/l	99
71) Bromoform	10.86	173	114044	52.05	ug/l	# 100
73) Isopropylbenzene	11.02	105	664174	46.95	ug/l	100
74) N-amyl acetate	10.90	43	275246	46.23	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	203665	44.64	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	230490	53.34	ug/l	86
77) Bromobenzene	11.26	156	177049	45.28	ug/l	99
78) n-propylbenzene	11.36	91	755994	46.48	ug/l	99
79) 2-Chlorotoluene	11.42	91	451801	45.80	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	617786	51.95	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.08	75	52650	38.84	ug/l	93
82) 4-Chlorotoluene	11.51	91	596978	51.85	ug/l	98
83) tert-Butylbenzene	11.77	119	643714	56.86	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	689345	56.78	ug/l	99
85) sec-Butylbenzene	11.95	105	761304	52.77	ug/l	100
86) p-Isopropyltoluene	12.07	119	662546	52.01	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	365906	50.16	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	347010	46.04	ug/l	97
89) n-Butylbenzene	12.39	91	571379	49.22	ug/l	98
90) Hexachloroethane	12.60	117	100928	49.49	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	386421	52.34	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54381	55.82	ug/l	99

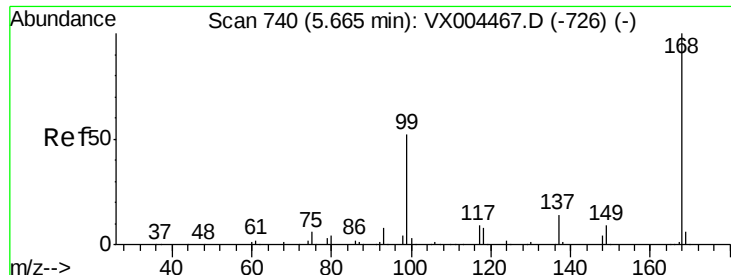
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	285095	54.53	ug/l	99
94) Hexachlorobutadiene	13.79	225	133826	49.01	ug/l	95
95) Naphthalene	13.83	128	876106	59.75	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	289566	53.91	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

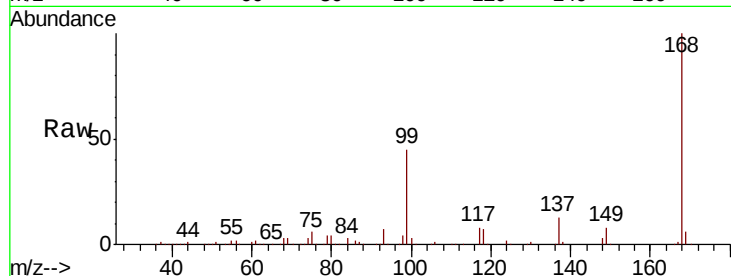
VSTDCCC050EC

Tot Ion:168 Resp: 263483

Ion Ratio Lower Upper

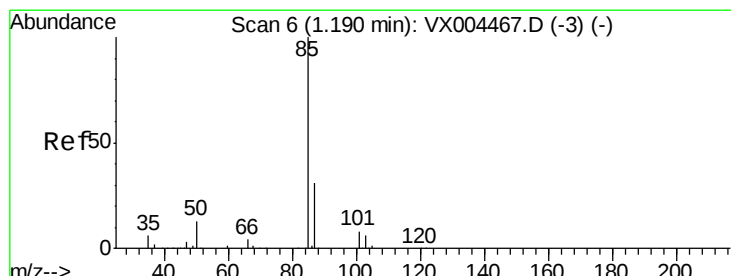
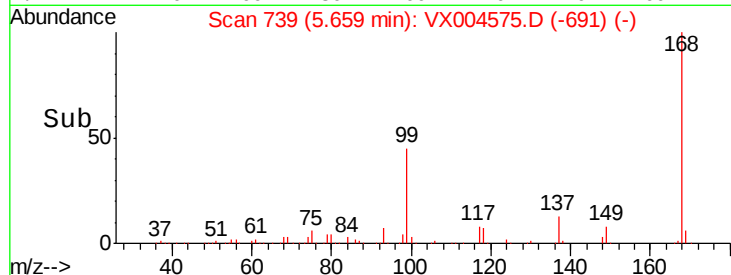
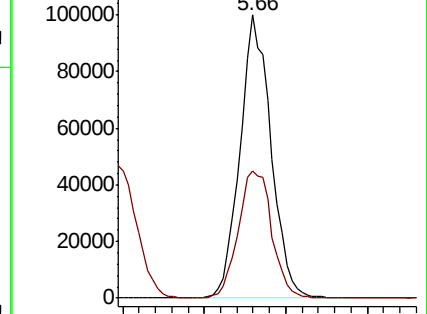
168 100

99 44.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.37 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.01 min

Lab File: VX004575.D

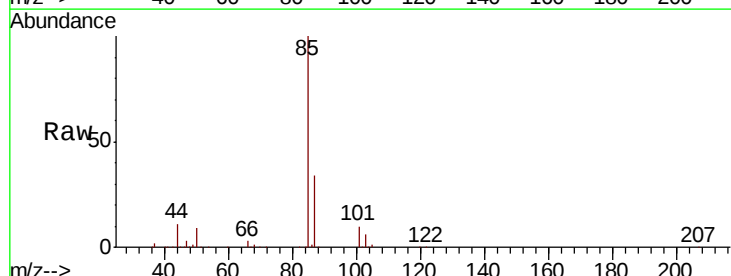
Acq: 15 Sep 2018 10:15

Tgt Ion: 85 Resp: 121905

Ion Ratio Lower Upper

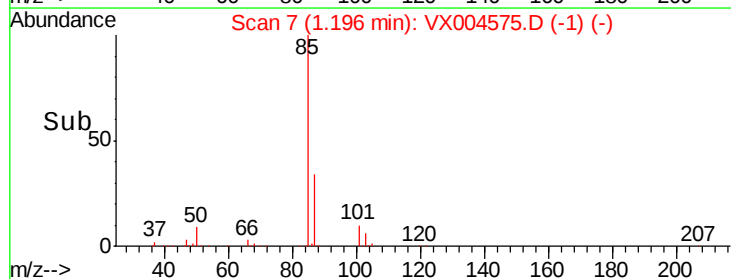
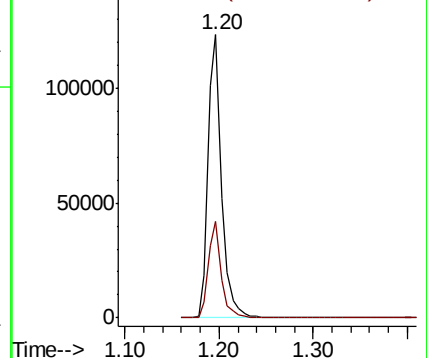
85 100

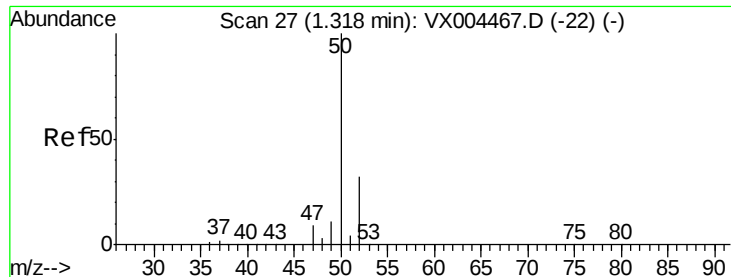
87 34.2 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.02 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

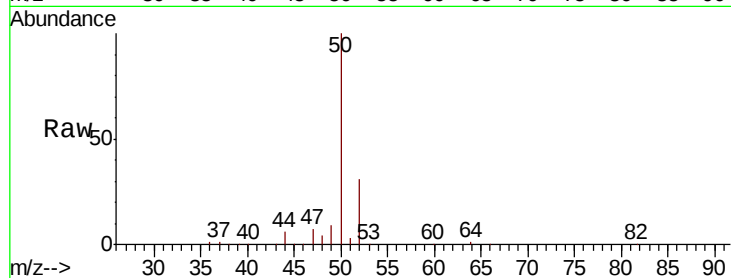
VSTDCCC050EC

Tot Ion: 50 Resp: 159798

Ion Ratio Lower Upper

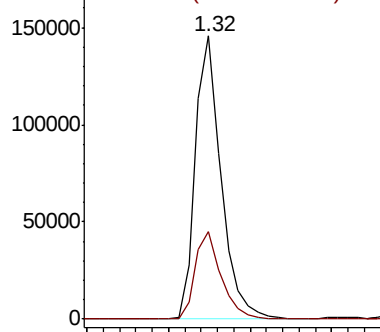
50 100

52 31.1 26.2 39.2

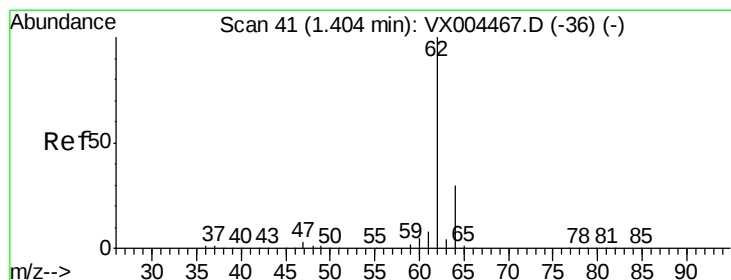
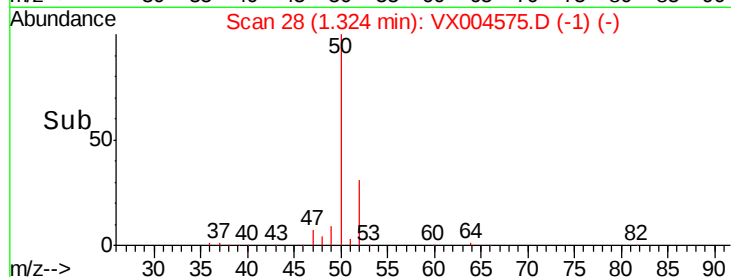


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 47.33 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004575.D

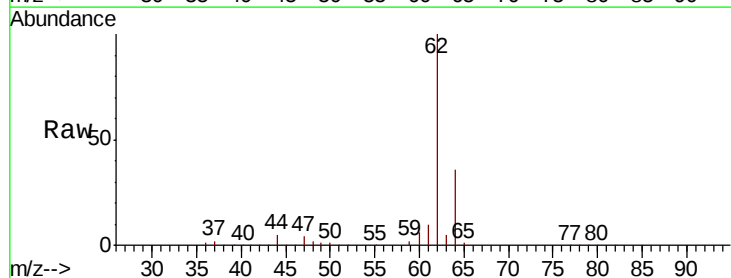
Acq: 15 Sep 2018 10:15

Tgt Ion: 62 Resp: 165084

Ion Ratio Lower Upper

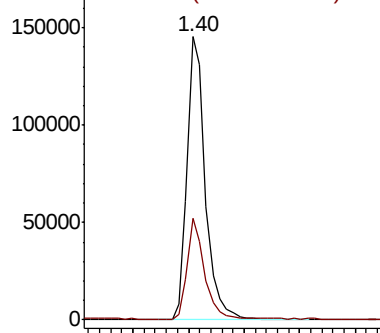
62 100

64 35.5 25.8 38.8

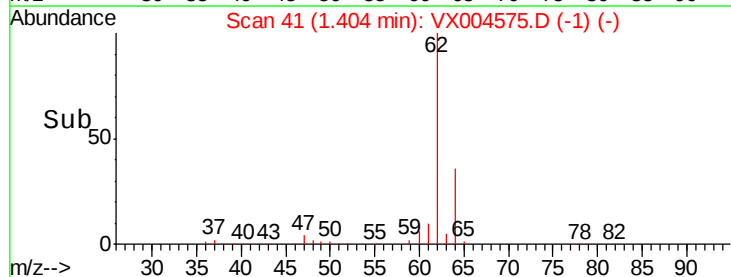


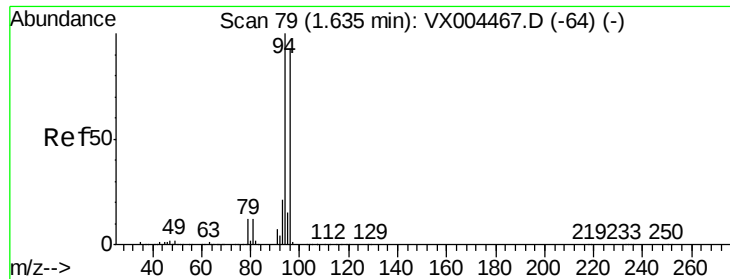
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 50.20 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

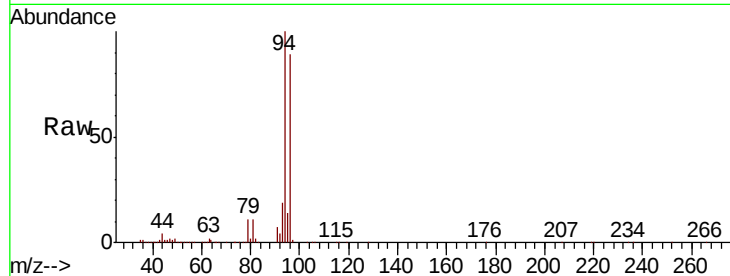
VSTDCCC050EC

Tot Ion: 94 Resp: 73302

Ion Ratio Lower Upper

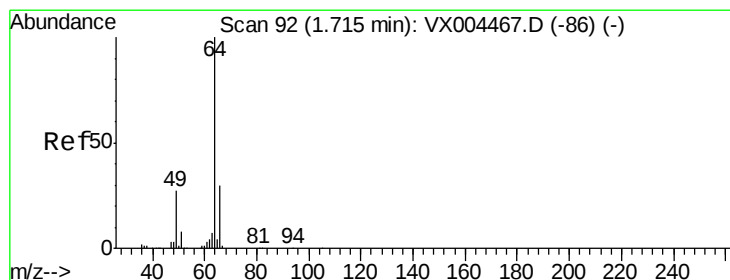
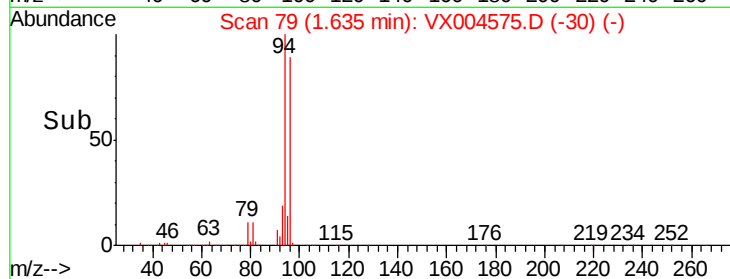
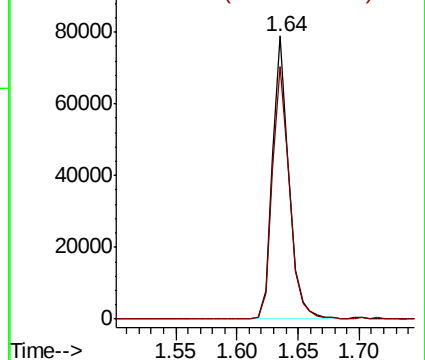
94 100

96 89.3 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.63 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004575.D

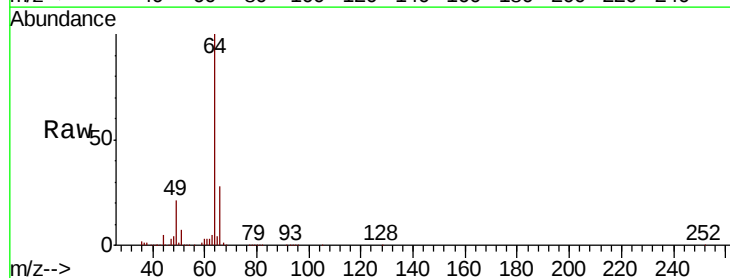
Acq: 15 Sep 2018 10:15

Tgt Ion: 64 Resp: 111946

Ion Ratio Lower Upper

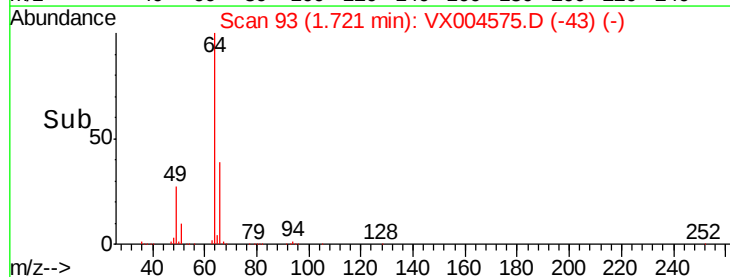
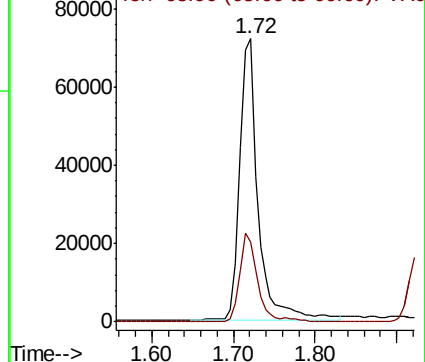
64 100

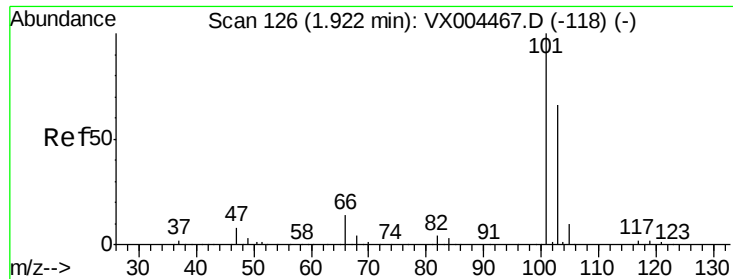
66 28.3 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 47.29 ug/l

RT: 1.92 min Scan# 126

Delta R.T. -0.00 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

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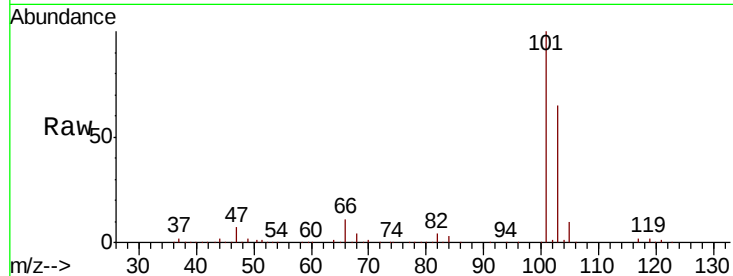
VSTDCCC050EC

Tot Ion:101 Resp: 218658

Ion Ratio Lower Upper

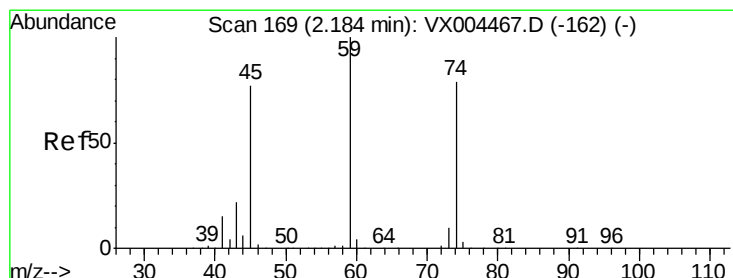
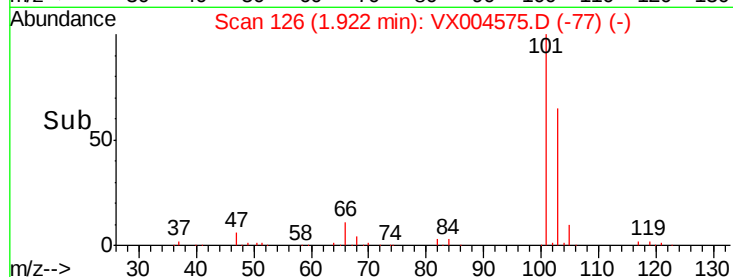
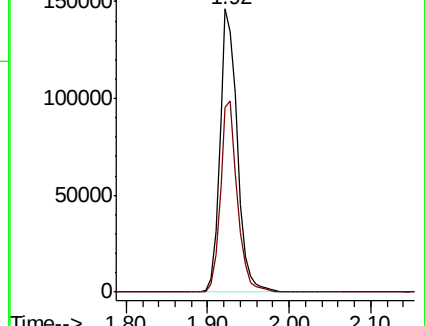
101 100

103 65.2 48.9 73.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 49.62 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.01 min

Lab File: VX004575.D

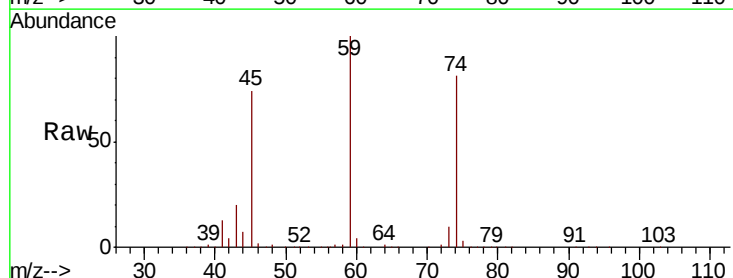
Acq: 15 Sep 2018 10:15

Tgt Ion: 74 Resp: 102851

Ion Ratio Lower Upper

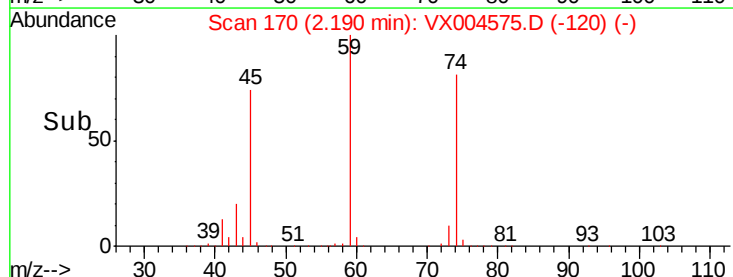
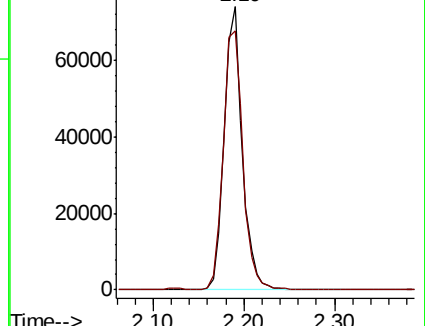
74 100

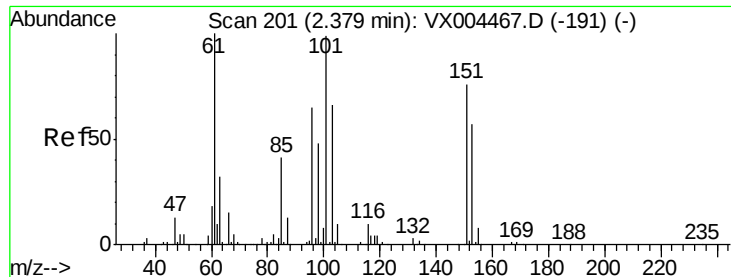
45 99.1 48.3 144.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.48 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

Instrument :

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VSTDCCC050EC

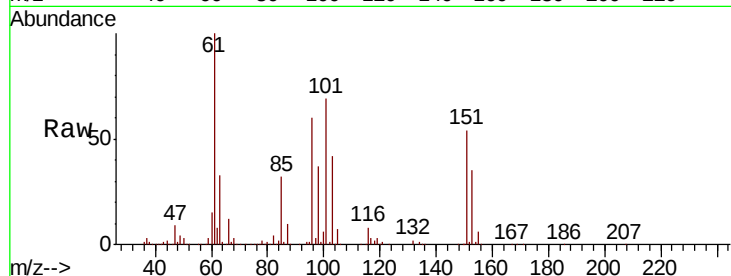
Tot Ion:101 Resp: 136328

Ion Ratio Lower Upper

101 100

85 42.6 34.2 51.4

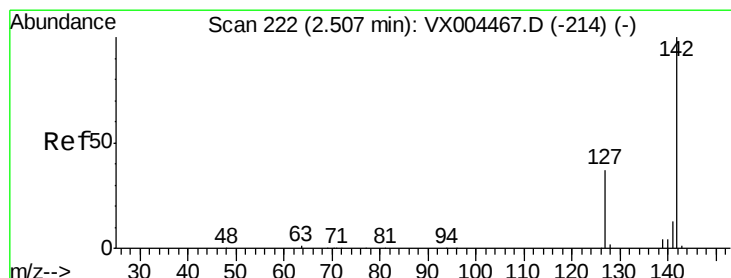
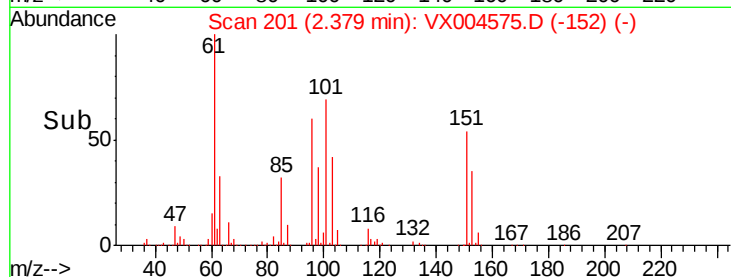
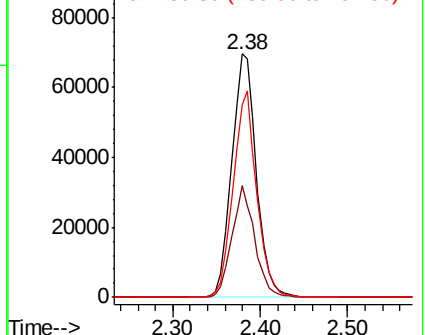
151 81.3 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.57 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

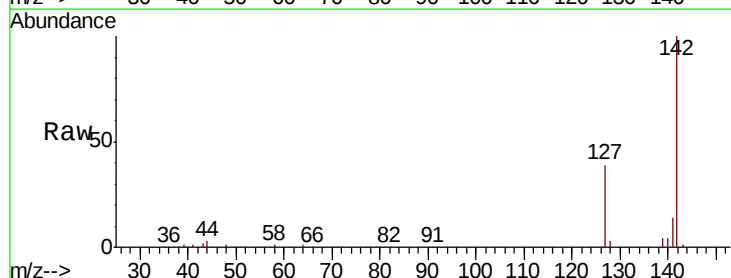
Tgt Ion:142 Resp: 139194

Ion Ratio Lower Upper

142 100

127 39.8 33.8 50.6

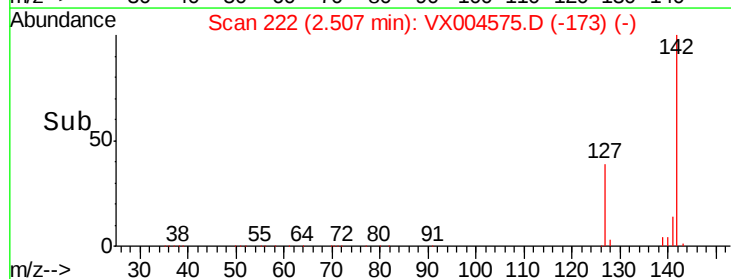
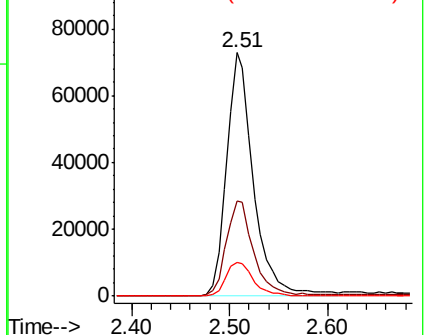
141 14.1 11.4 17.0

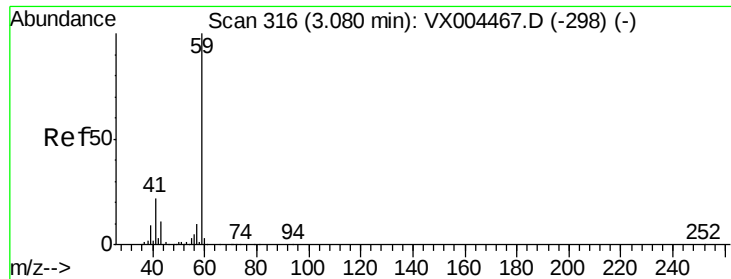


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

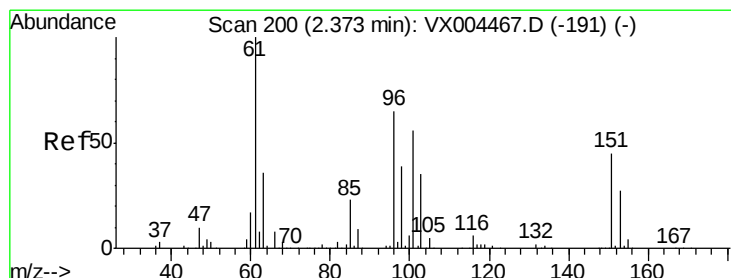
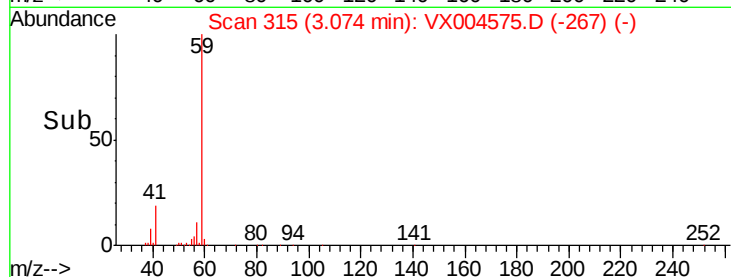
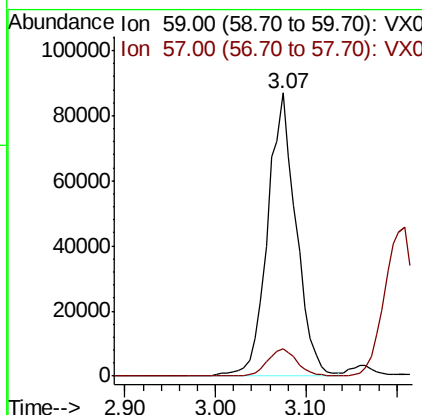
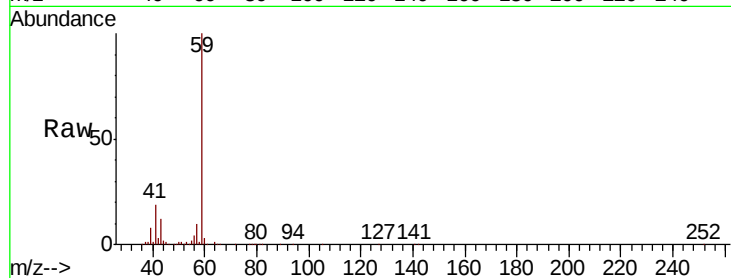




#11
Tert butyl alcohol
Concen: 233.75 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004575.D
Acq: 15 Sep 2018 10:15

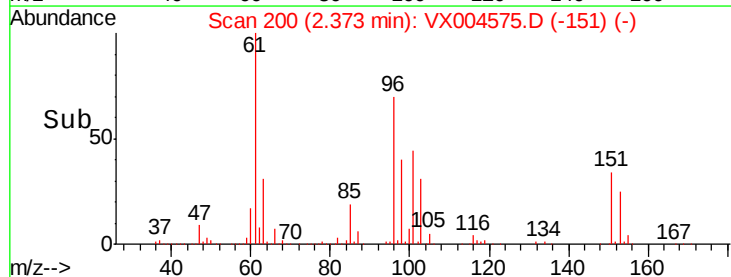
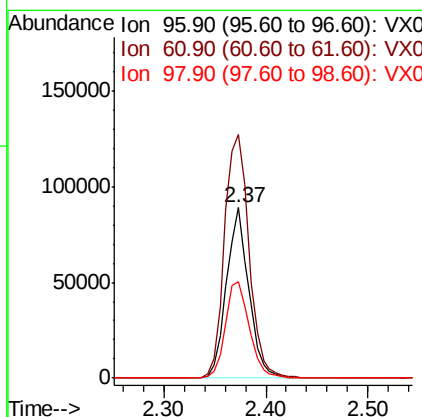
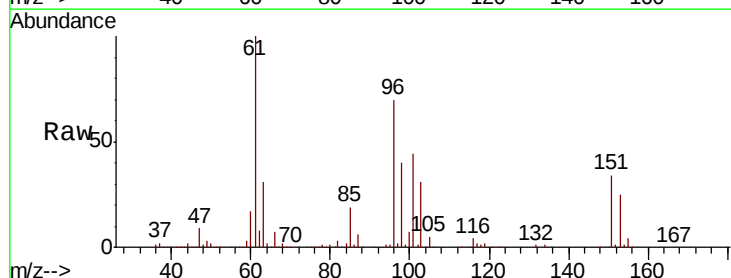
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

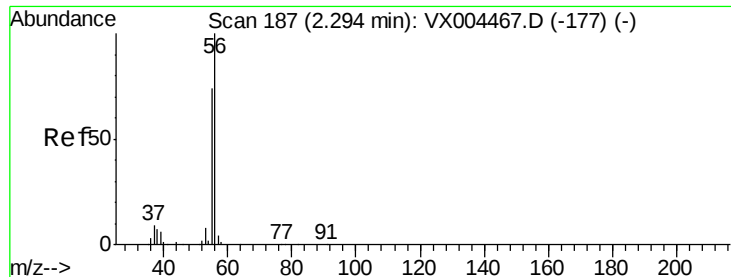
Tot Ion: 59 Resp: 189492
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 48.99 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX004575.D
Acq: 15 Sep 2018 10:15

Tgt Ion: 96 Resp: 134862
Ion Ratio Lower Upper
96 100
61 142.7 128.8 193.2
98 56.7 52.2 78.2





#13

Acrolein

Concen: 250.52 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

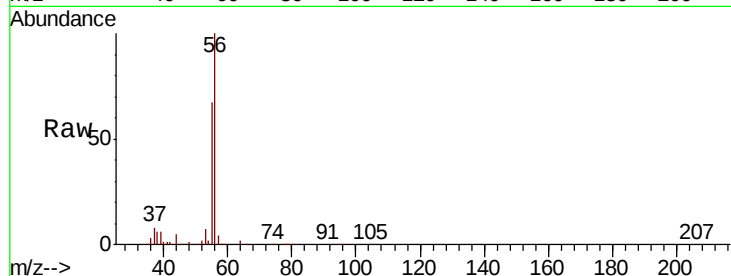
VSTDCCC050EC

Tot Ion: 56 Resp: 80166

Ion Ratio Lower Upper

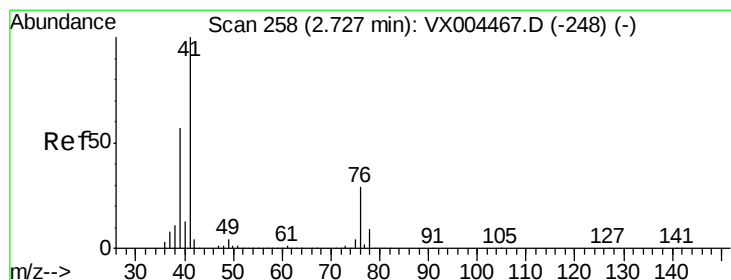
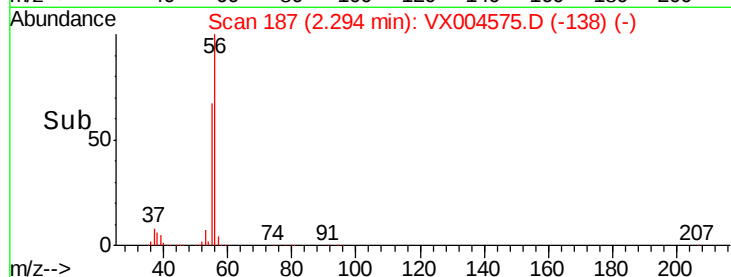
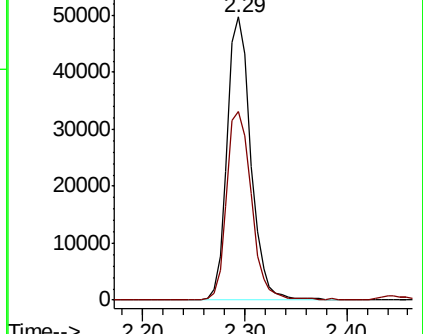
56 100

55 69.7 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 45.27 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

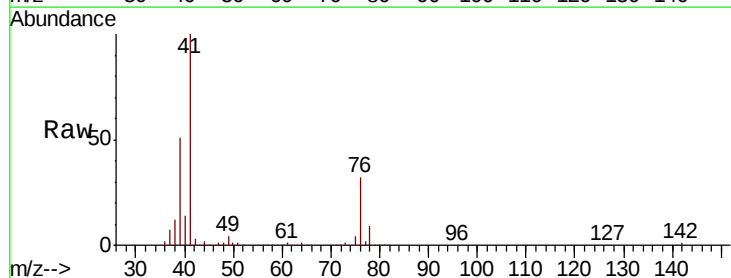
Tgt Ion: 41 Resp: 256232

Ion Ratio Lower Upper

41 100

39 55.0 48.9 73.3

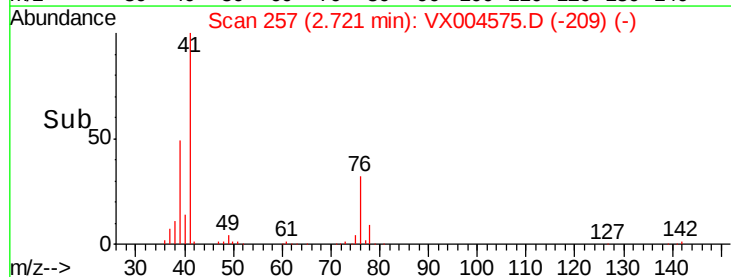
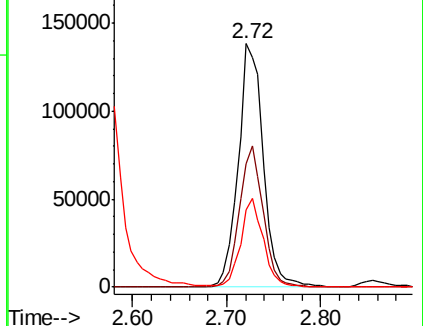
76 32.7 26.7 40.1

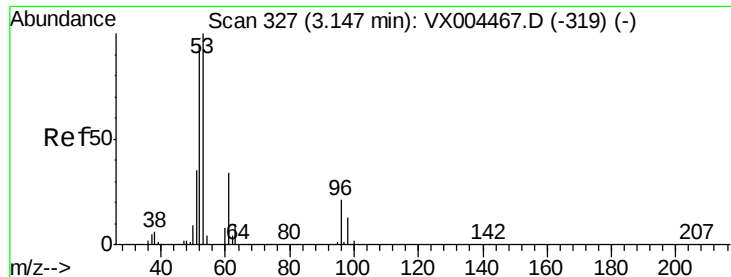


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 239.03 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

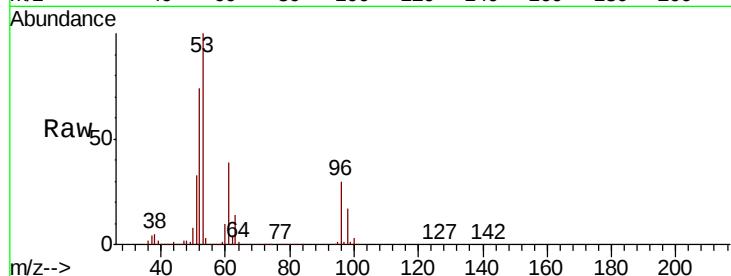
Tot Ion: 53 Resp: 466629

Ion Ratio Lower Upper

53 100

52 78.7 65.2 97.8

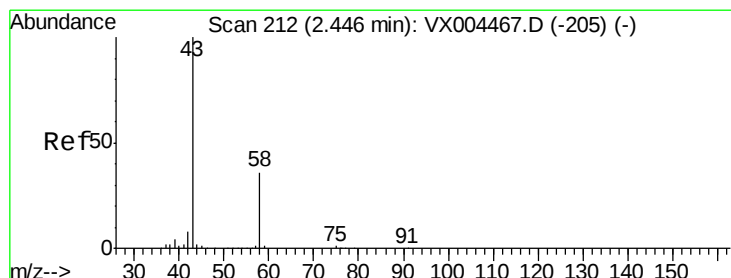
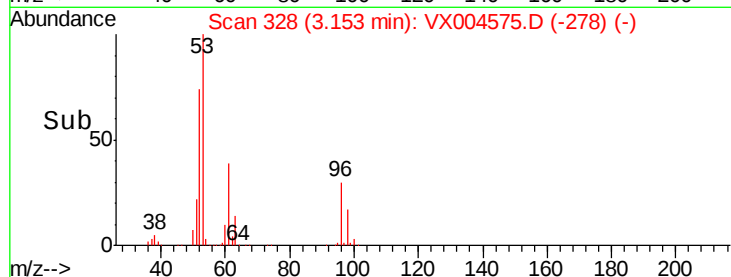
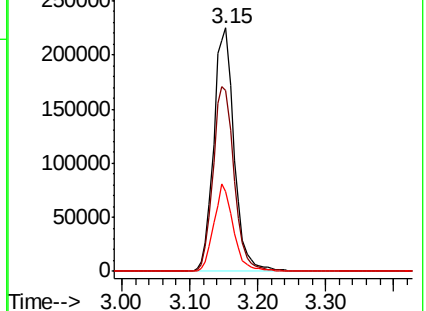
51 34.3 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 216.15 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004575.D

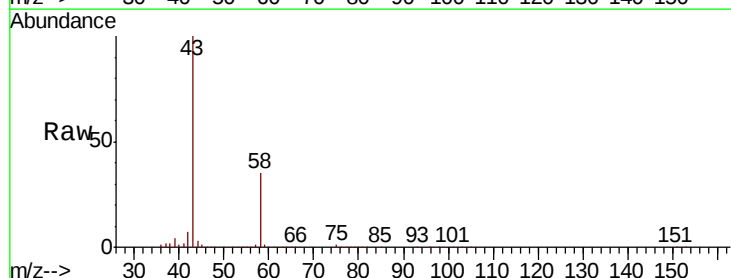
Acq: 15 Sep 2018 10:15

Tgt Ion: 43 Resp: 358408

Ion Ratio Lower Upper

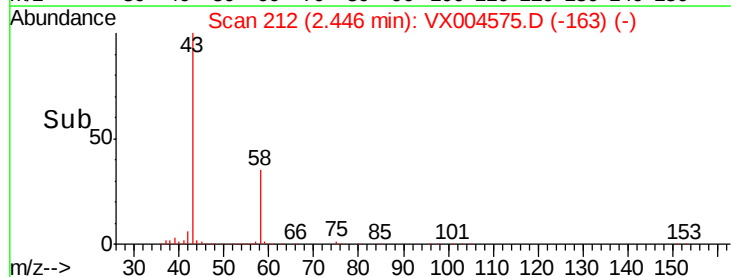
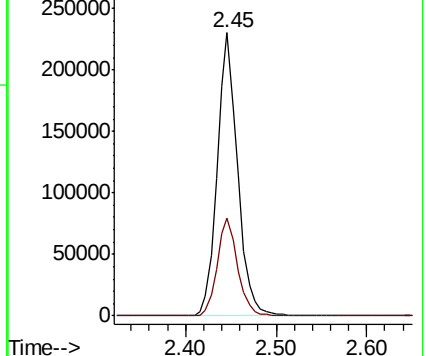
43 100

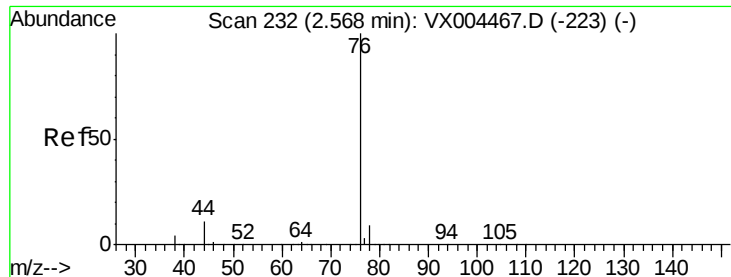
58 34.6 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

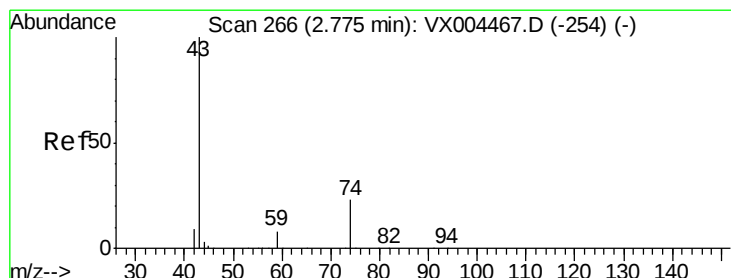
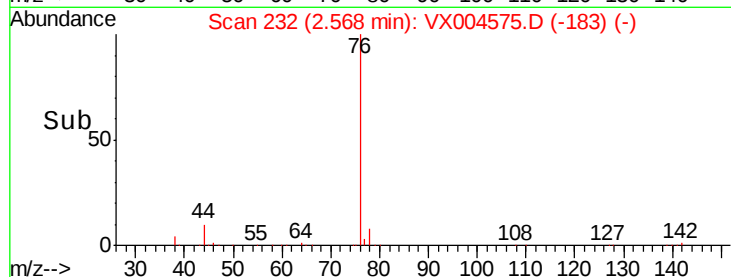
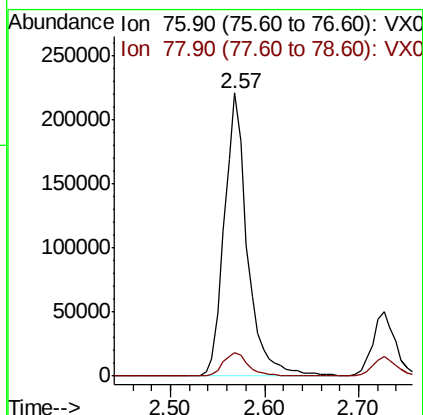
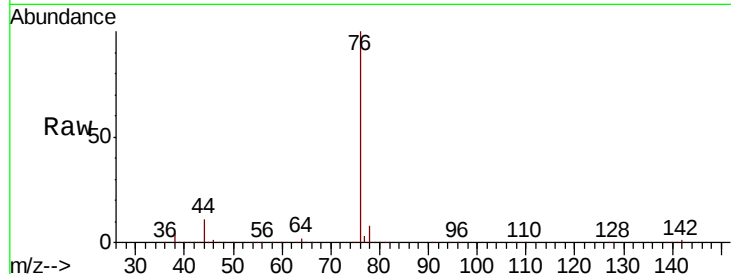




#17
Carbon Disulfide
Concen: 47.31 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004575.D
Acq: 15 Sep 2018 10:15

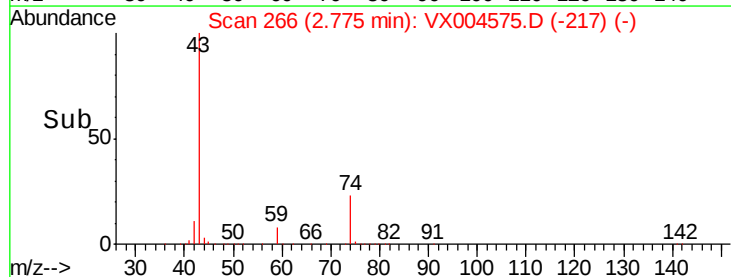
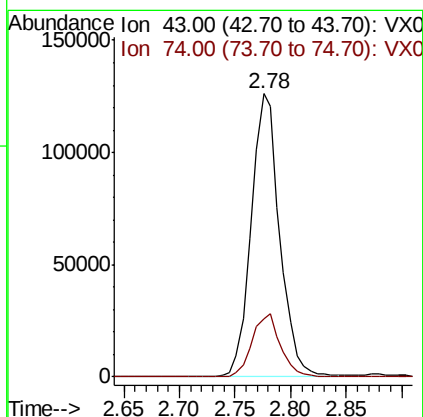
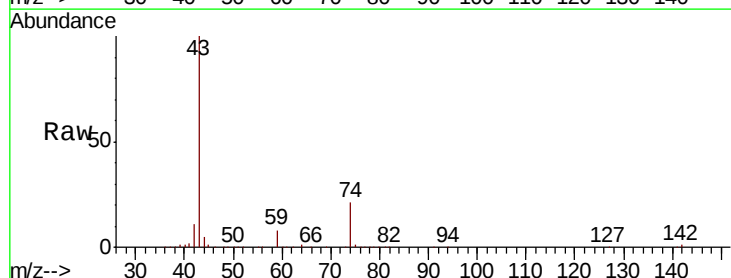
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

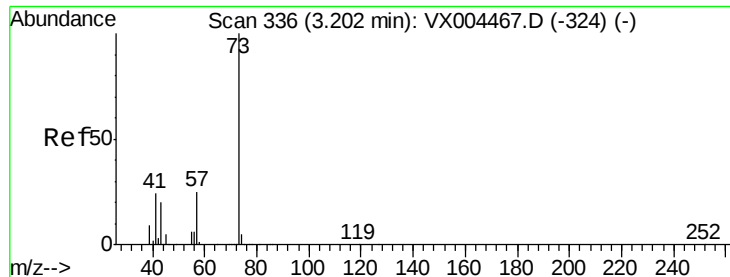
Tot Ion: 76 Resp: 376497
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.6



#18
Methyl Acetate
Concen: 48.12 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX004575.D
Acq: 15 Sep 2018 10:15

Tgt Ion: 43 Resp: 223843
Ion Ratio Lower Upper
43 100
74 22.5 19.4 29.2



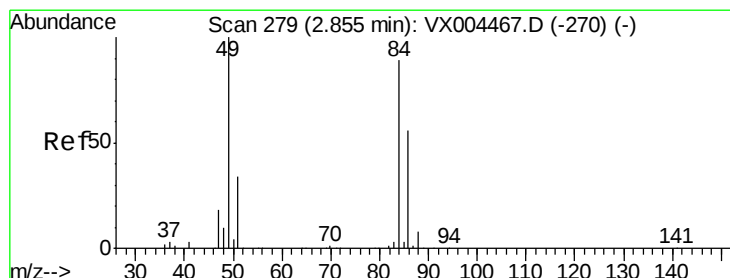
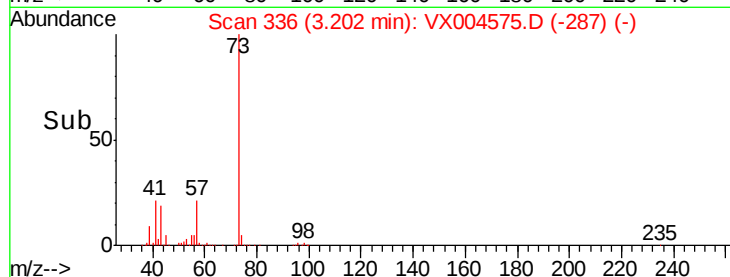
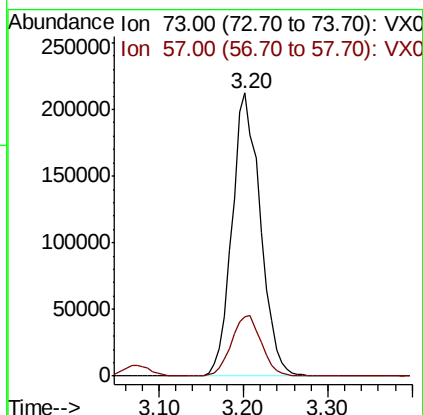
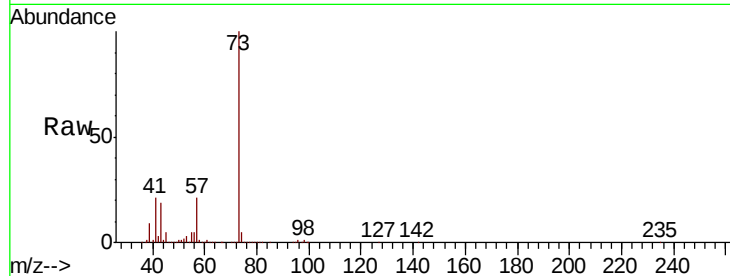


#19

Methyl tert-butyl Ether
 Concen: 49.85 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX004575.D
 Acq: 15 Sep 2018 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

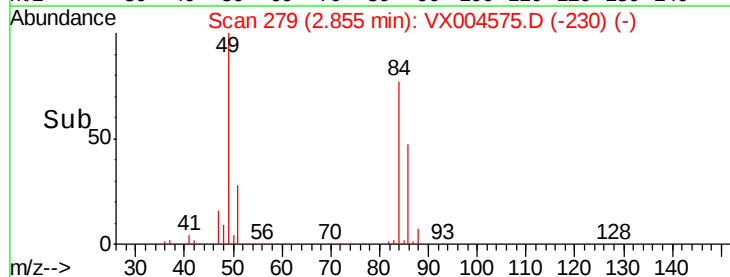
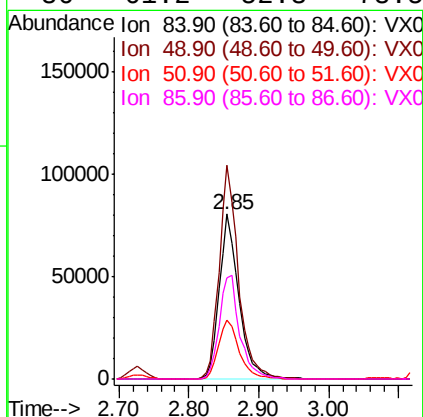
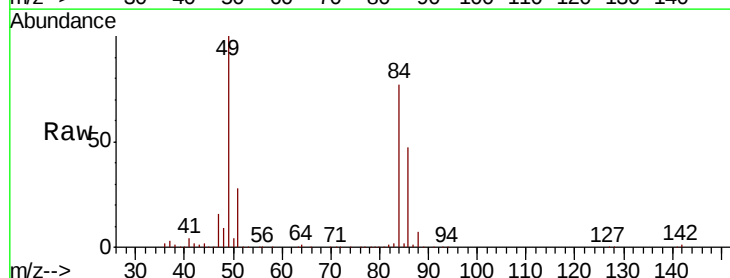
Tot Ion: 73 Resp: 481530
 Ion Ratio Lower Upper
 73 100
 57 20.8 17.1 25.7

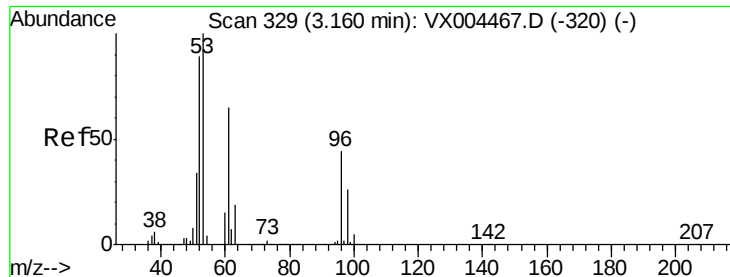


#20

Methylene Chloride
 Concen: 46.29 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX004575.D
 Acq: 15 Sep 2018 10:15

Tgt Ion: 84 Resp: 157466
 Ion Ratio Lower Upper
 84 100
 49 129.5 101.2 151.8
 51 35.9 29.5 44.3
 86 61.2 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 47.79 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

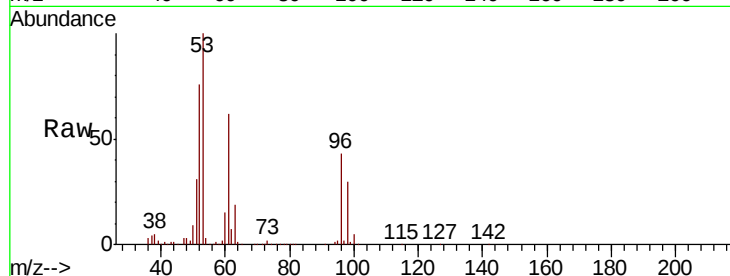
Tot Ion: 96 Resp: 145398

Ion Ratio Lower Upper

96 100

61 144.3 113.8 170.6

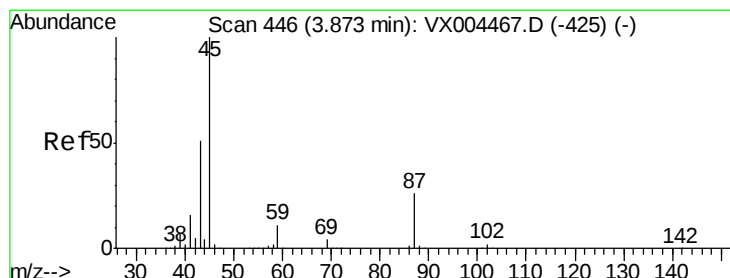
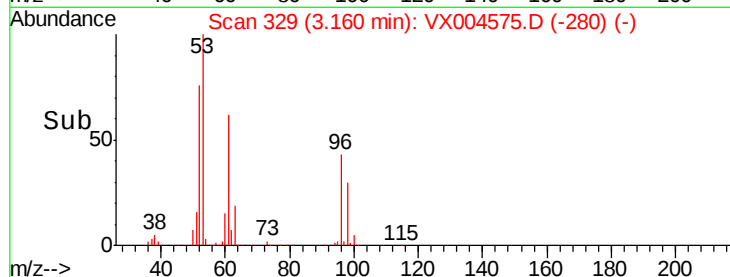
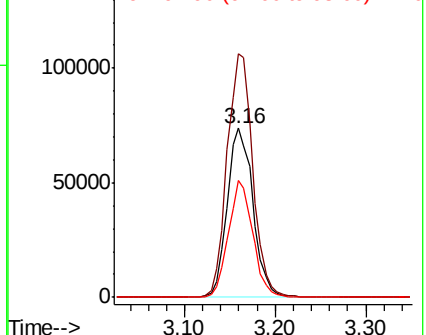
98 69.5 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.27 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

Tgt Ion: 45 Resp: 502290

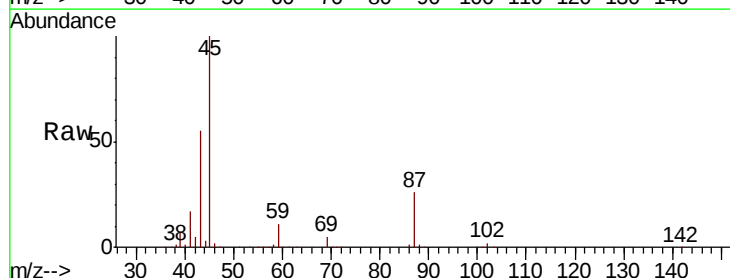
Ion Ratio Lower Upper

45 100

43 54.9 42.8 64.2

87 25.8 22.6 34.0

59 11.3 9.6 14.4

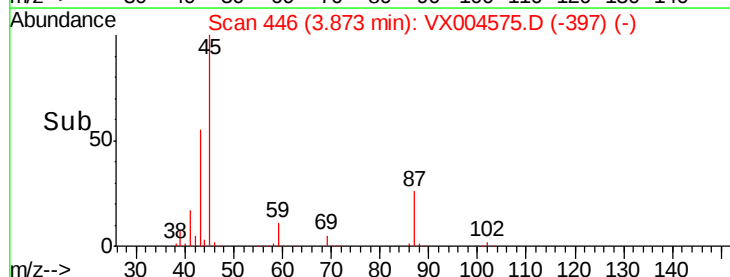
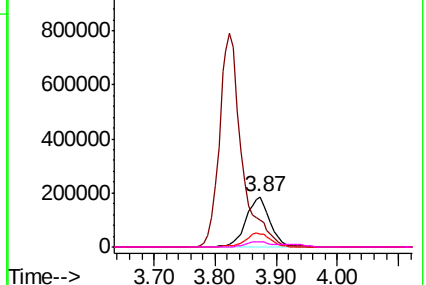


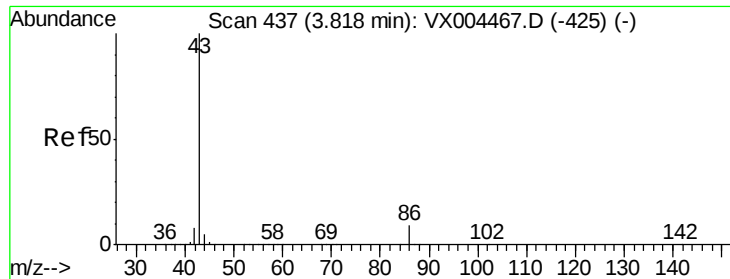
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 246.27 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

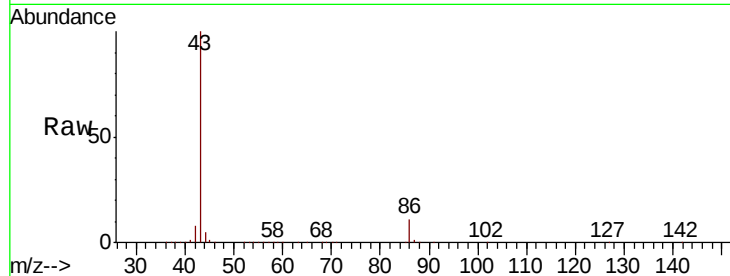
VSTDCCC050EC

Tot Ion: 43 Resp: 2031585

Ion Ratio Lower Upper

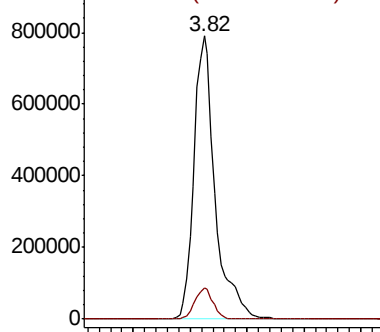
43 100

86 10.9 8.9 13.3

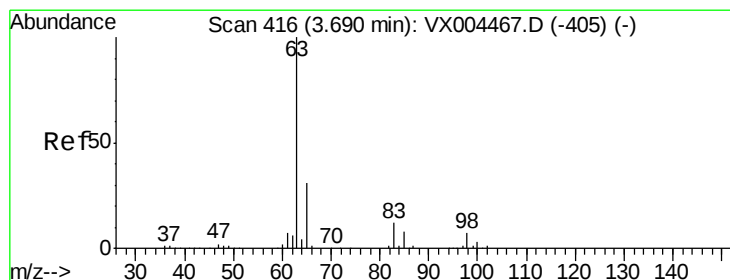
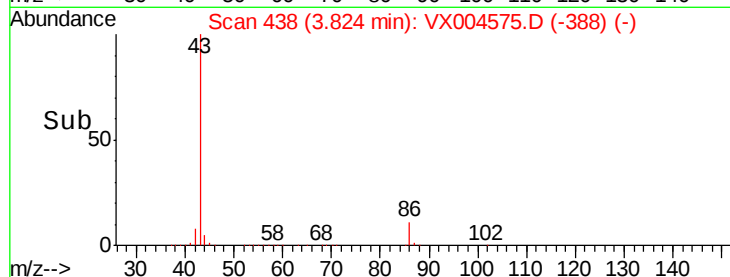


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 48.41 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

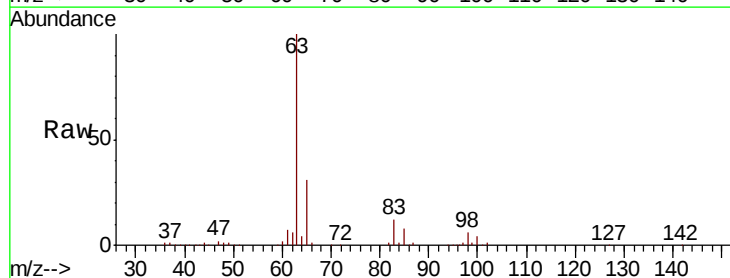
Tgt Ion: 63 Resp: 278612

Ion Ratio Lower Upper

63 100

98 5.8 3.5 10.4

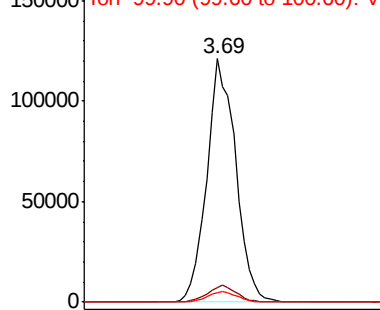
100 3.8 2.4 7.1



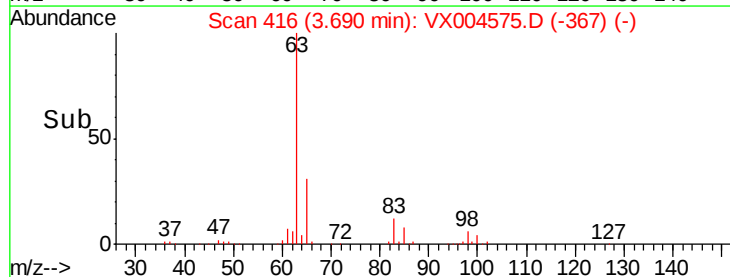
Abundance Ion 62.90 (62.60 to 63.60): VX0

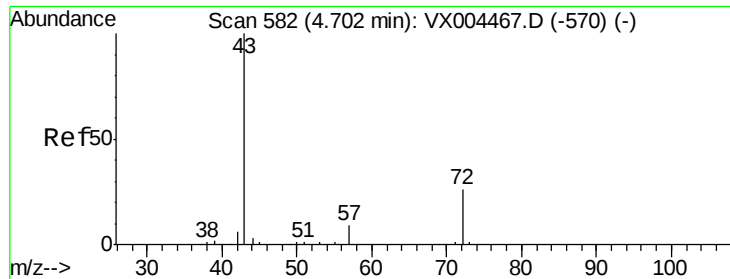
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 221.04 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

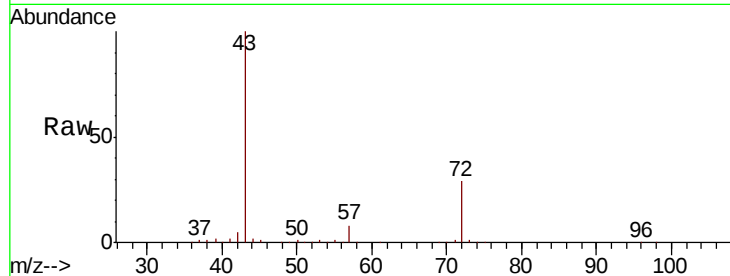
VSTDCCC050EC

Tot Ion: 43 Resp: 583331

Ion Ratio Lower Upper

43 100

72 28.7 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

100000

50000

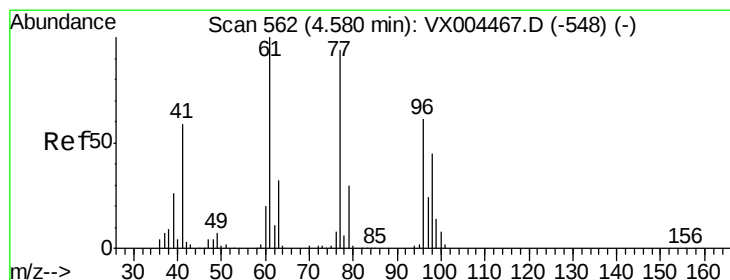
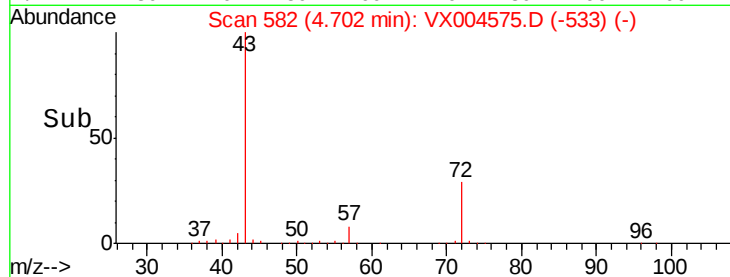
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 31.05 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX004575.D

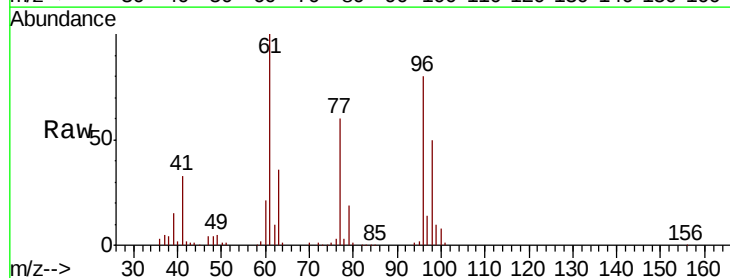
Acq: 15 Sep 2018 10:15

Tgt Ion: 77 Resp: 122747

Ion Ratio Lower Upper

77 100

97 26.3 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

20000

10000

0

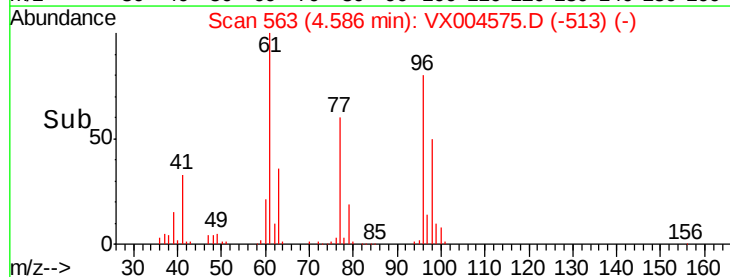
4.40

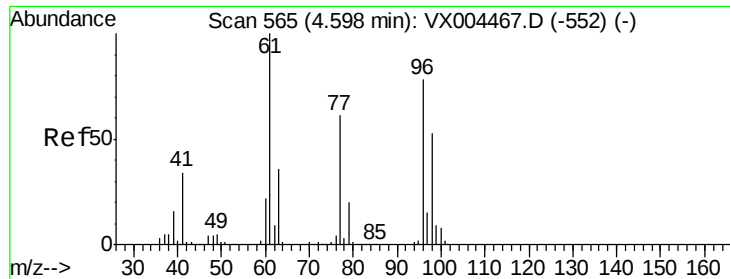
4.50

4.60

4.70

Time-->



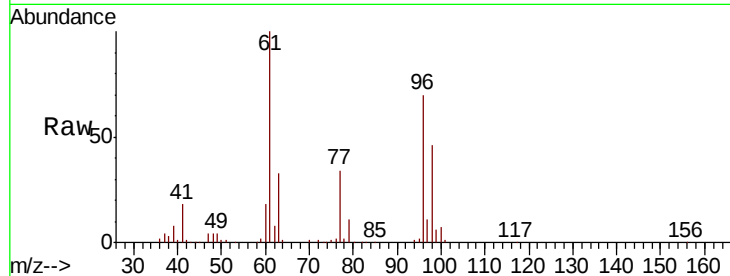


#27

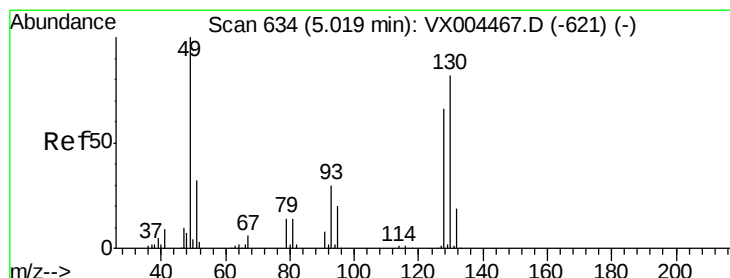
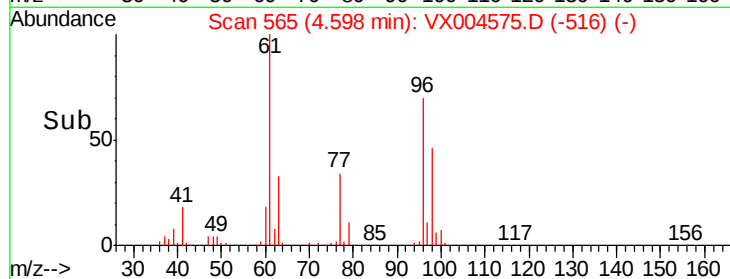
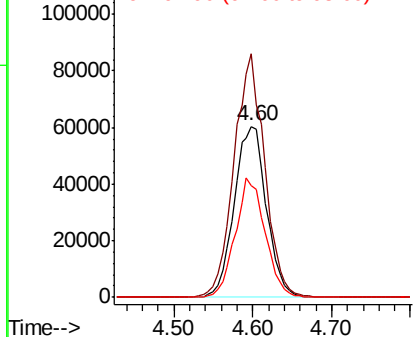
cis-1,2-Dichloroethene
 Concen: 50.29 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX004575.D
 Acq: 15 Sep 2018 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.5	0.0	282.6
98	65.0	0.0	130.2



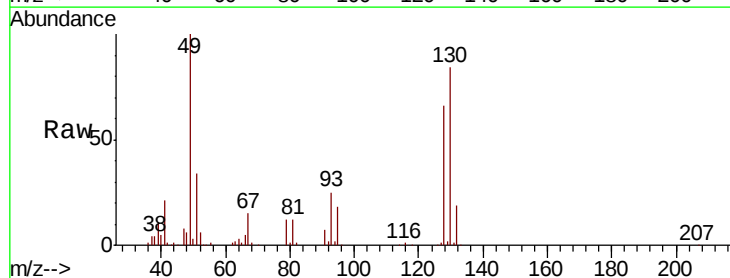
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



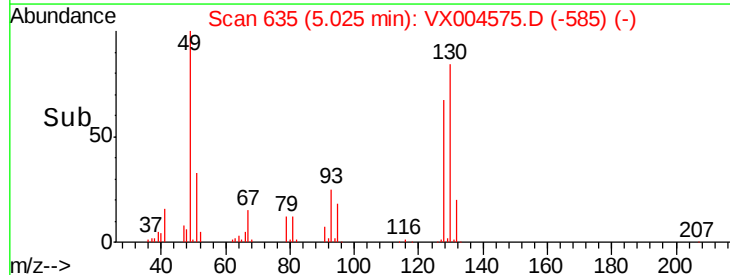
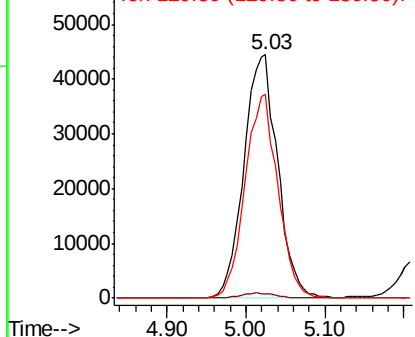
#28

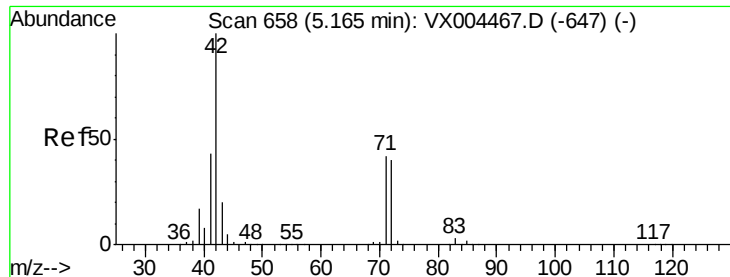
Bromochloromethane
 Concen: 50.38 ug/l
 RT: 5.03 min Scan# 635
 Delta R.T. 0.01 min
 Lab File: VX004575.D
 Acq: 15 Sep 2018 10:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	81.5	67.5	101.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 247.14 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

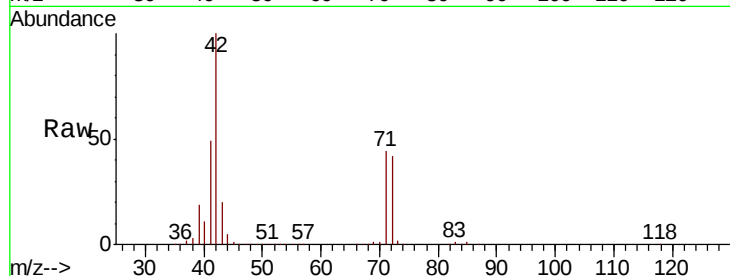
Tot Ion: 42 Resp: 393326

Ion Ratio Lower Upper

42 100

72 43.3 37.4 56.0

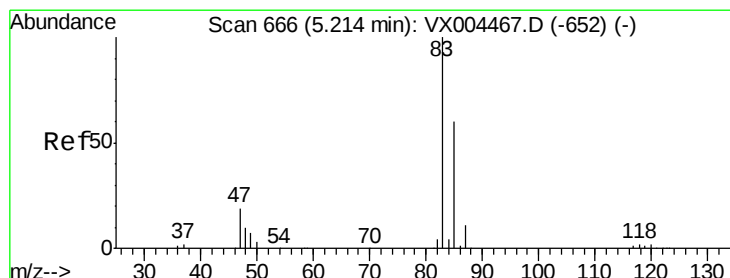
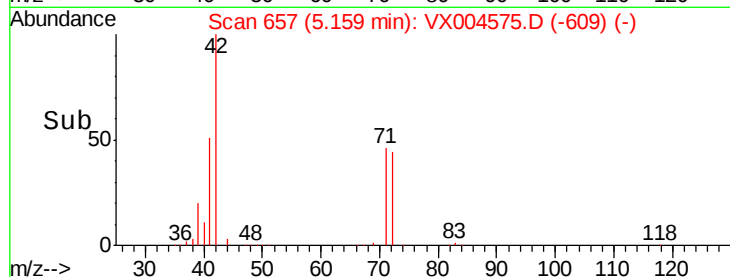
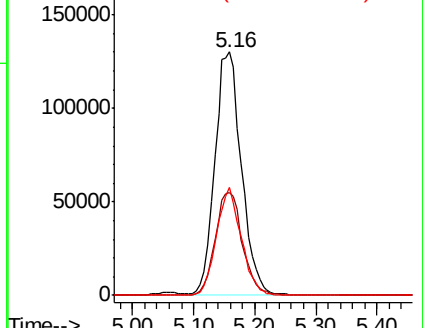
71 41.4 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.44 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX004575.D

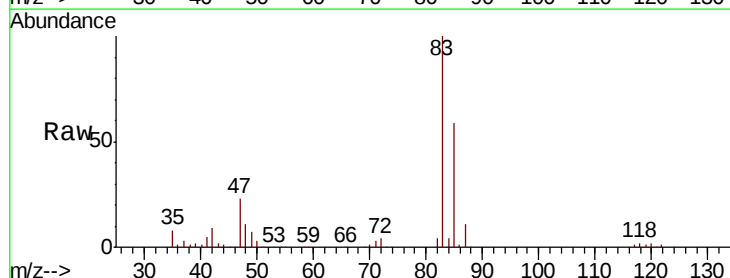
Acq: 15 Sep 2018 10:15

Tgt Ion: 83 Resp: 272173

Ion Ratio Lower Upper

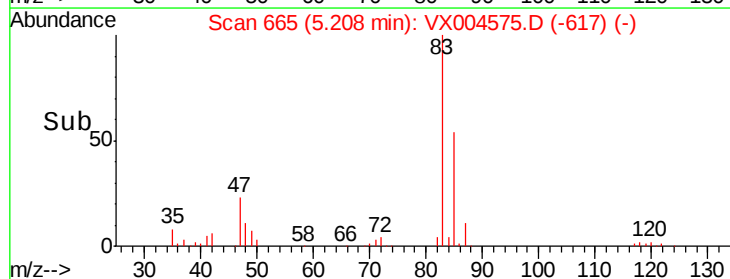
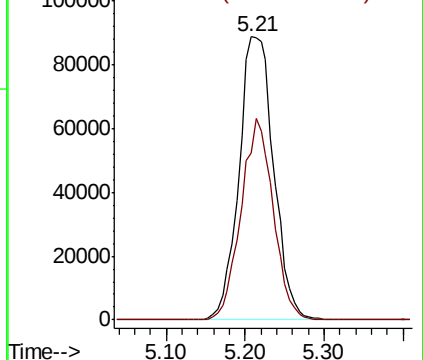
83 100

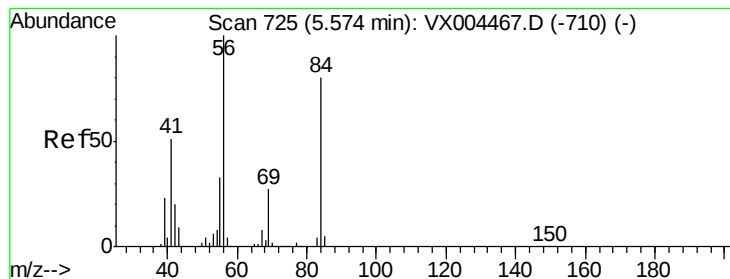
85 59.0 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 50.15 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

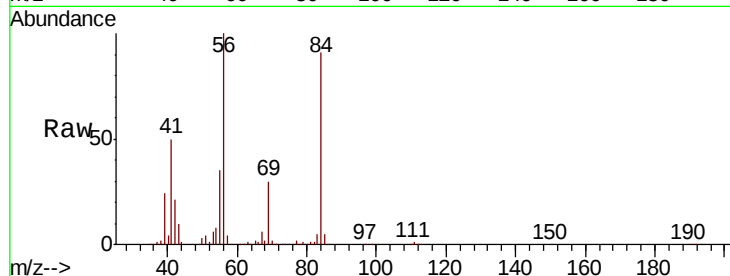
Tot Ion: 56 Resp: 246446

Ion Ratio Lower Upper

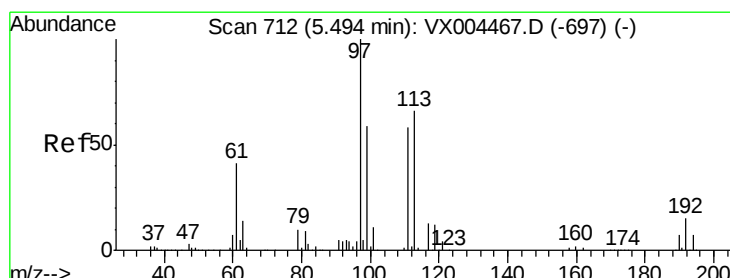
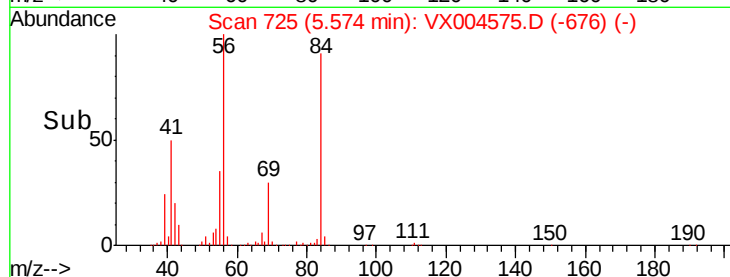
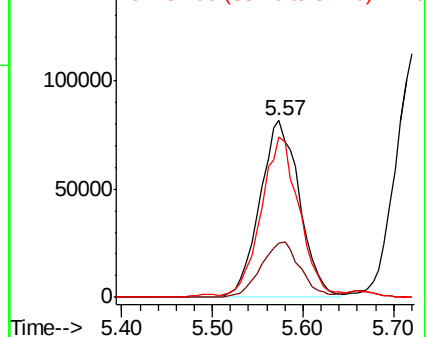
56 100

69 30.5 25.4 38.2

84 90.1 71.4 107.2



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 49.88 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

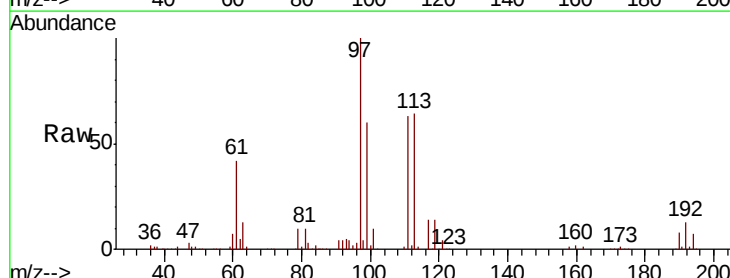
Tgt Ion: 97 Resp: 225754

Ion Ratio Lower Upper

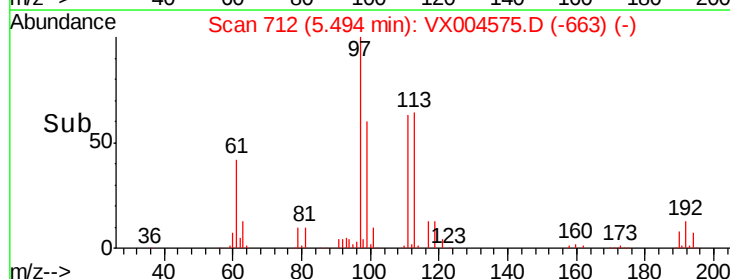
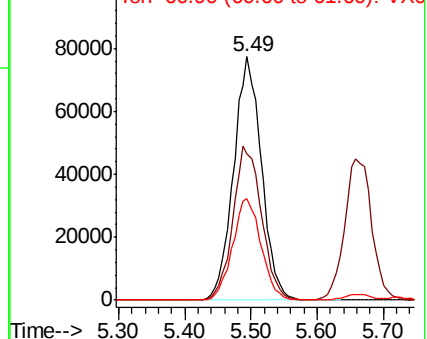
97 100

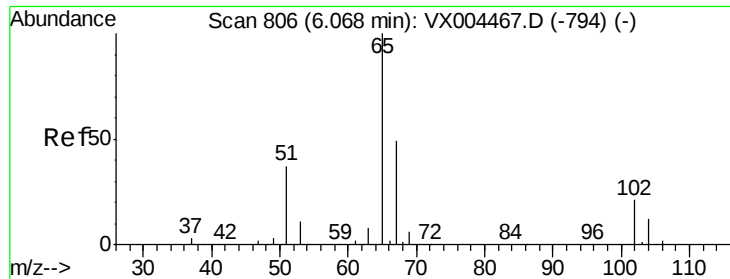
99 64.8 52.0 78.0

61 42.8 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

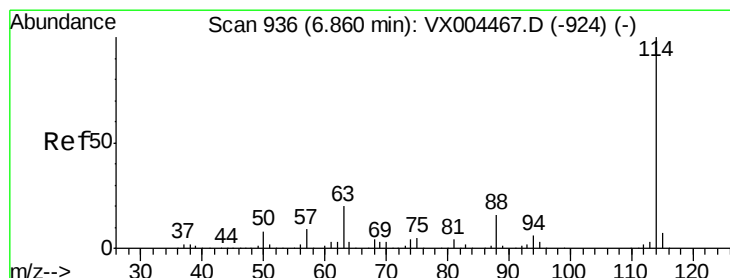
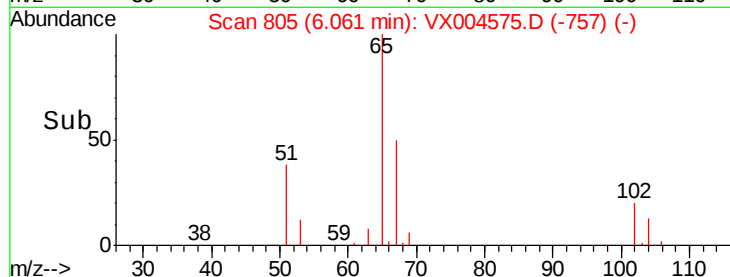
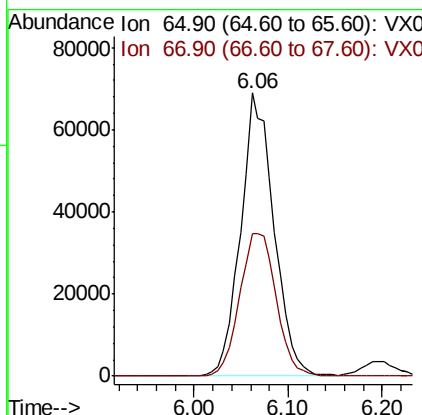
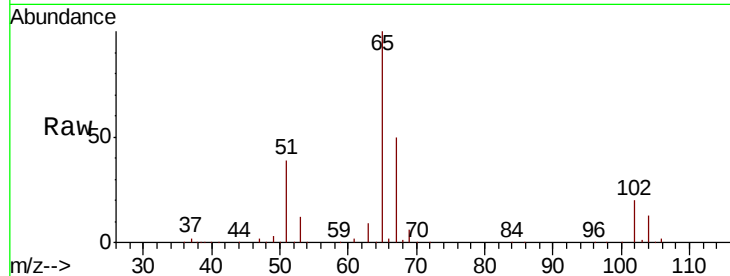




#33
 1,2-Dichloroethane-d4
 Concen: 50.00 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX004575.D
 Acq: 15 Sep 2018 10:15

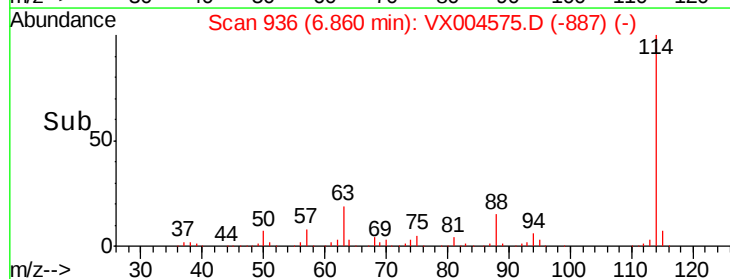
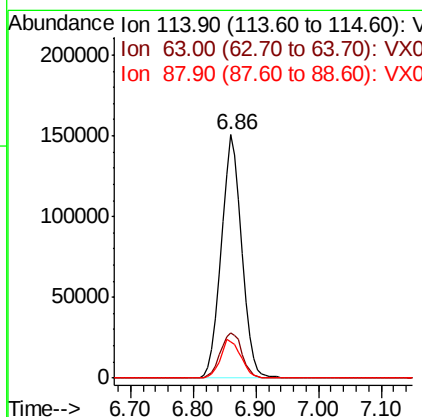
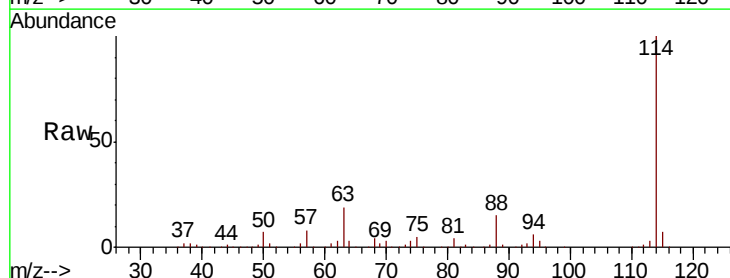
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

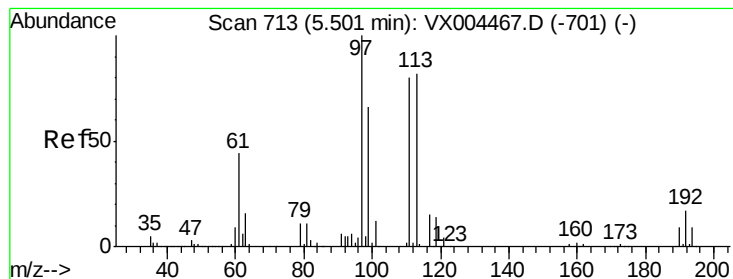
Tot Ion: 65 Resp: 169869
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004575.D
 Acq: 15 Sep 2018 10:15

Tgt Ion: 114 Resp: 340047
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.0
 88 15.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.51 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

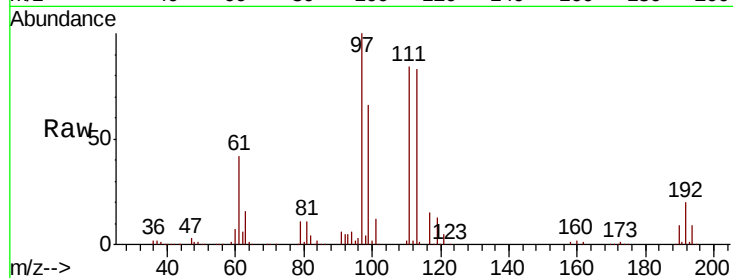
Tot Ion:113 Resp: 157161

Ion Ratio Lower Upper

113 100

111 98.2 82.4 123.6

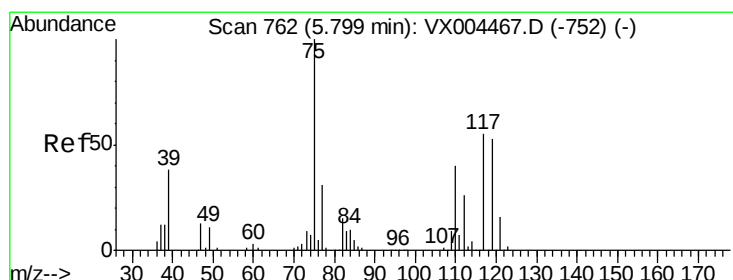
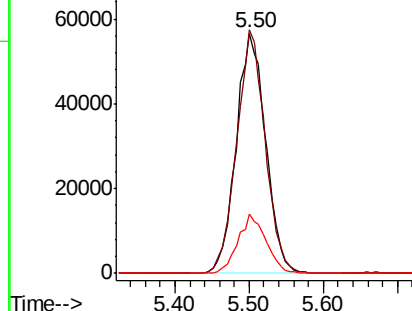
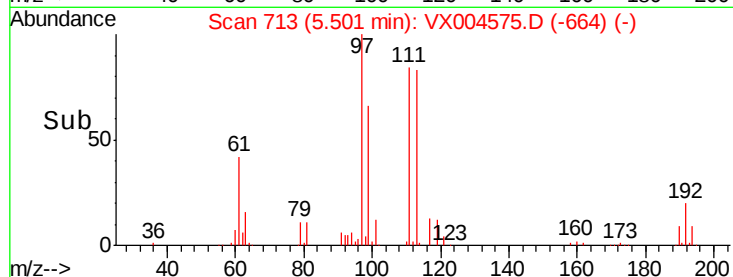
192 23.4 19.4 29.2



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: 49.67 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

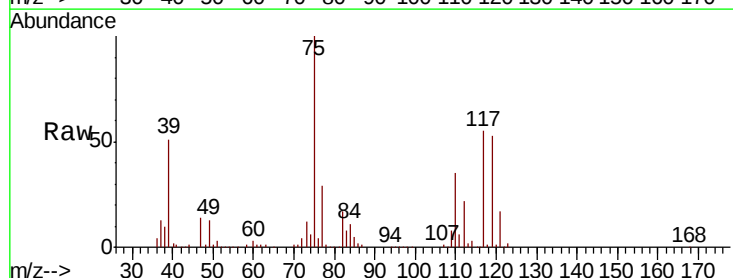
Tgt Ion: 75 Resp: 205051

Ion Ratio Lower Upper

75 100

110 37.3 18.0 54.0

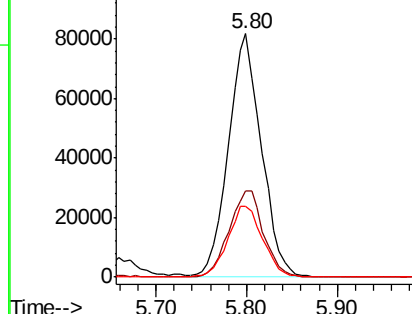
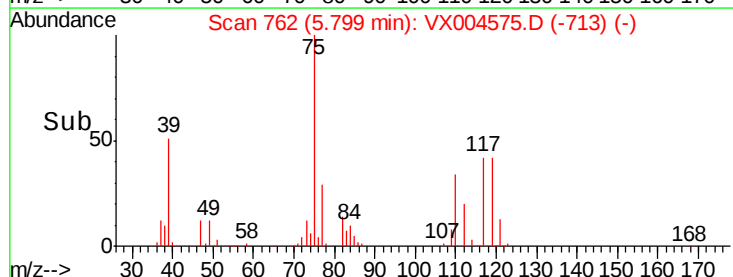
77 31.1 24.6 36.8

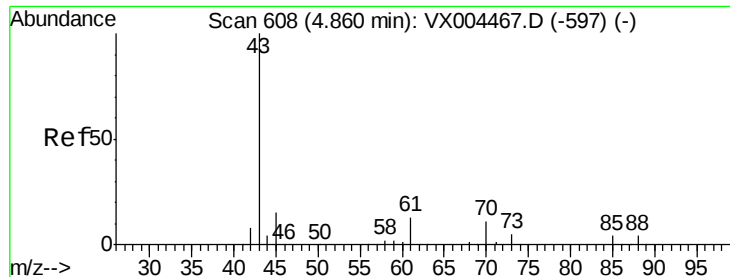


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

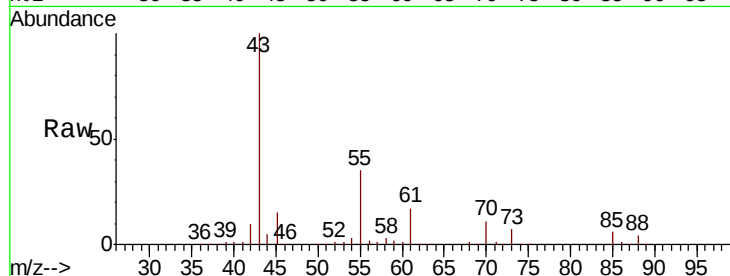




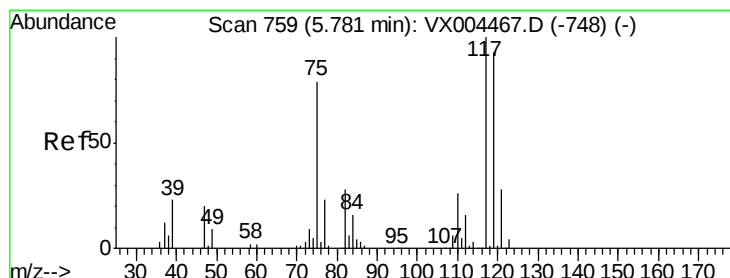
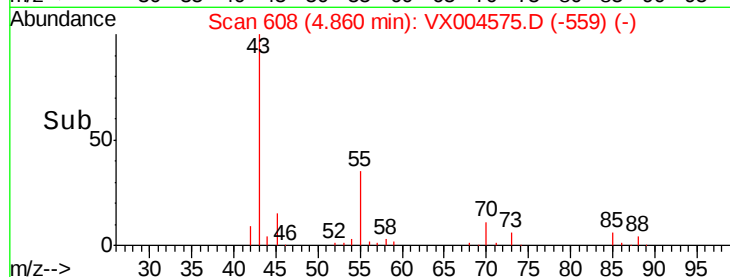
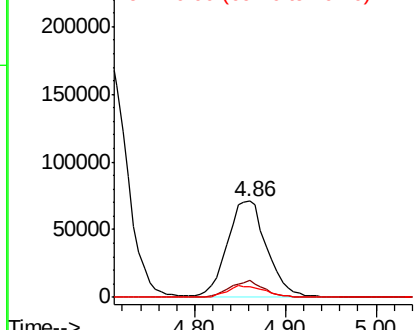
#37
Ethyl Acetate
Concen: 45.66 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX004575.D
Acq: 15 Sep 2018 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 214406
Ion Ratio Lower Upper
43 100
61 15.6 11.5 17.3
70 11.5 9.0 13.6

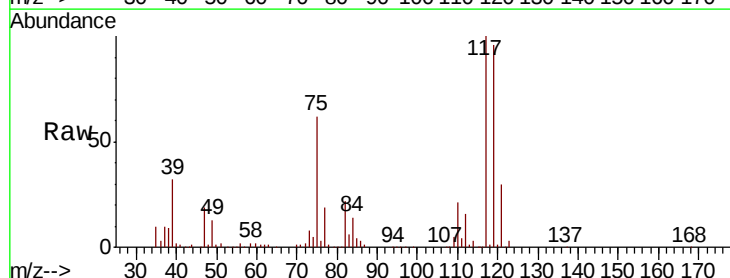


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

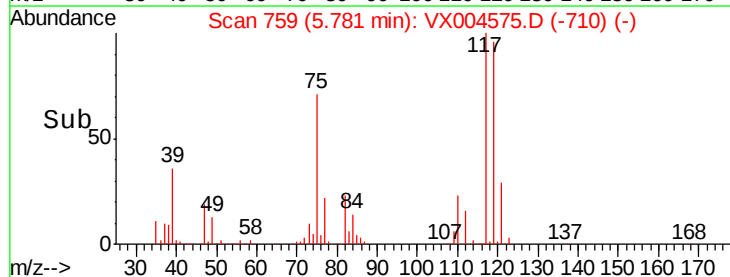
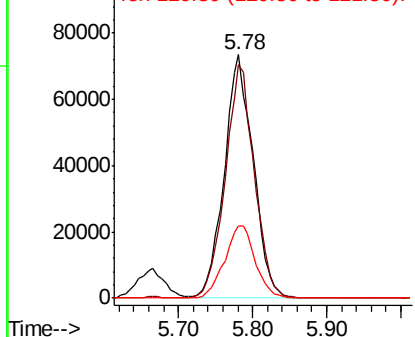


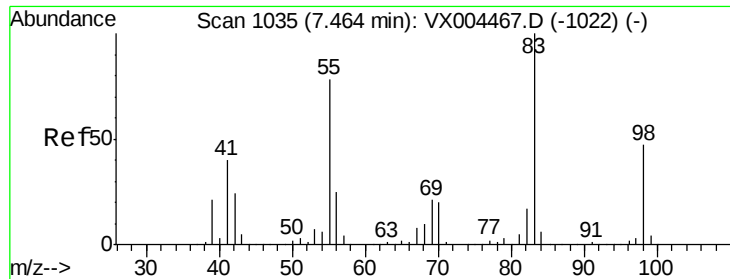
#38
Carbon Tetrachloride
Concen: 49.52 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004575.D
Acq: 15 Sep 2018 10:15

Tgt Ion: 117 Resp: 199664
Ion Ratio Lower Upper
117 100
119 95.9 78.8 118.2
121 29.6 24.9 37.3



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

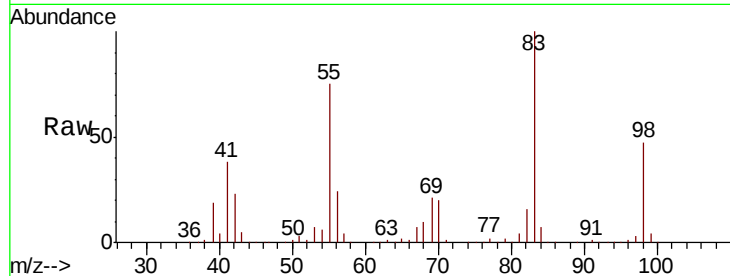




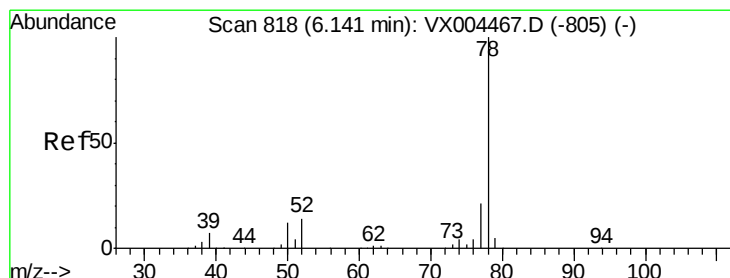
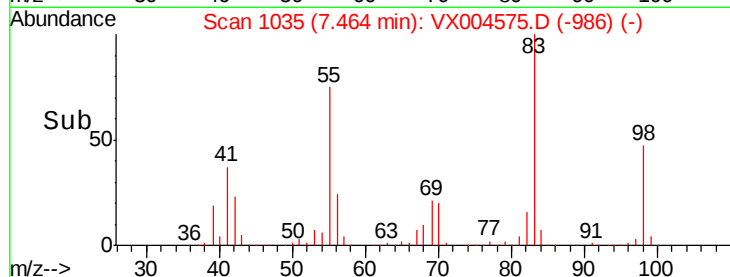
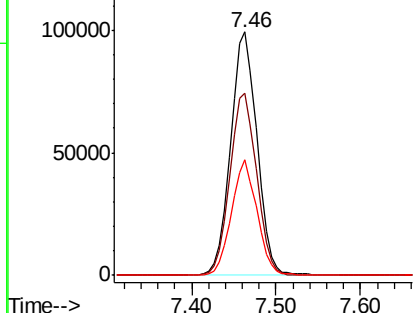
#39
Methvlcvclohexane
Concen: 48.75 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004575.D
Acq: 15 Sep 2018 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 210030
Ion Ratio Lower Upper
83 100
55 74.8 61.0 91.4
98 47.4 39.6 59.4

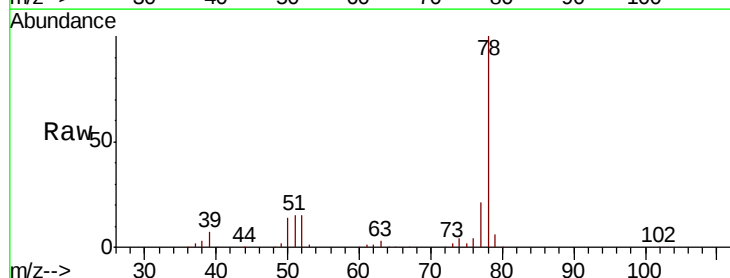


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

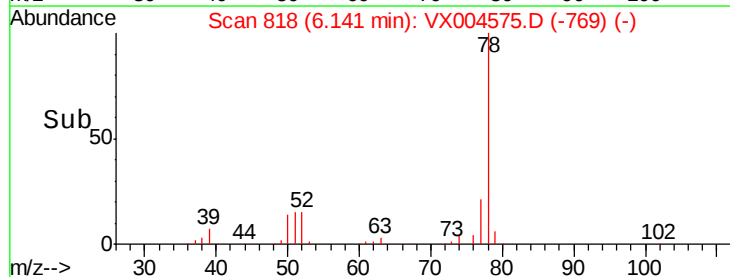
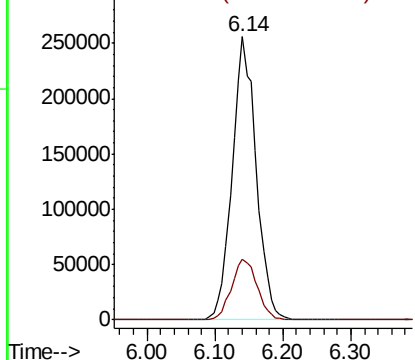


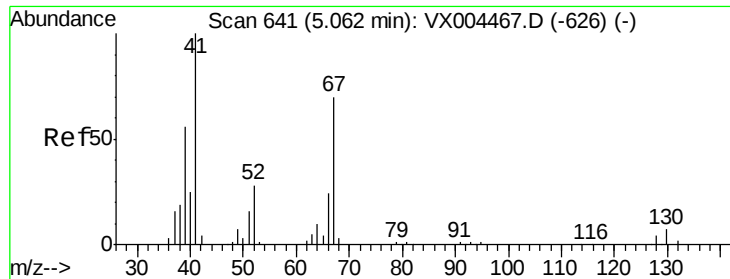
#40
Benzene
Concen: 50.98 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004575.D
Acq: 15 Sep 2018 10:15

Tgt Ion: 78 Resp: 624428
Ion Ratio Lower Upper
78 100
77 21.5 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

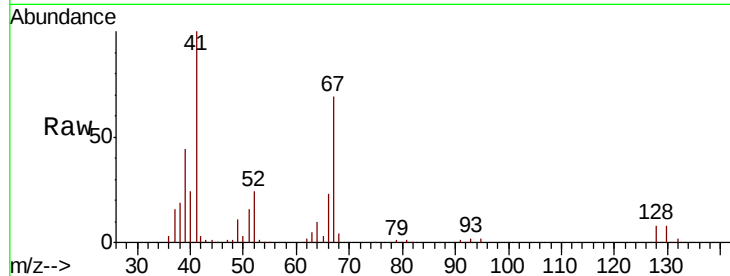




#41
Methacrylonitrile
Concen: 48.51 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX004575.D
Acq: 15 Sep 2018 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	125484
Ion	Ratio	Lower	Upper
41	100		
39	50.3	42.4	63.6
67	74.7	59.2	88.8
52	28.2	23.0	34.4



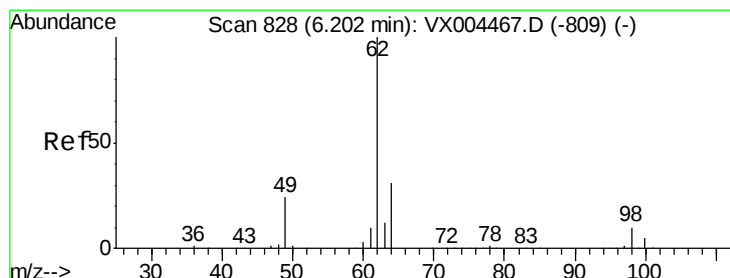
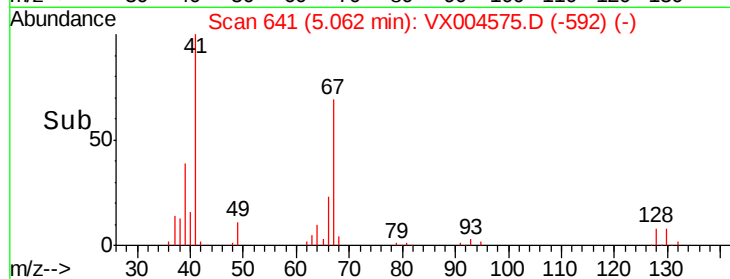
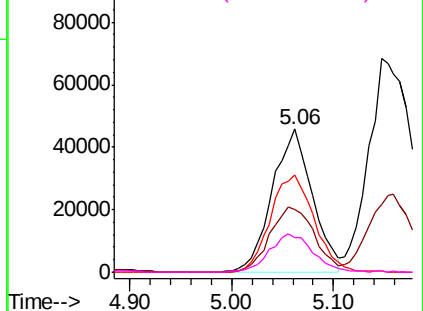
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

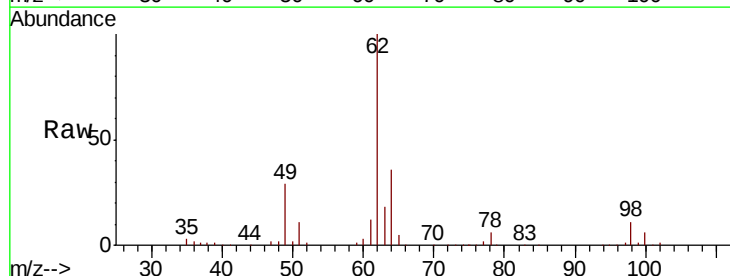
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 49.45 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.01 min
Lab File: VX004575.D
Acq: 15 Sep 2018 10:15

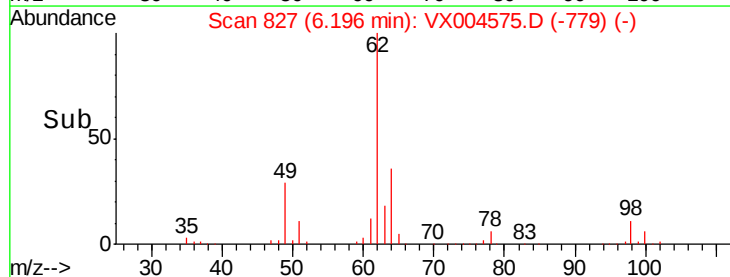
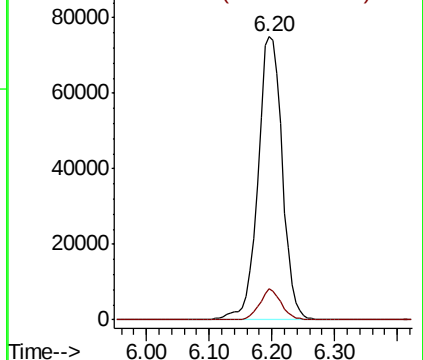
Tgt Ion:	62	Resp:	200897
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.6

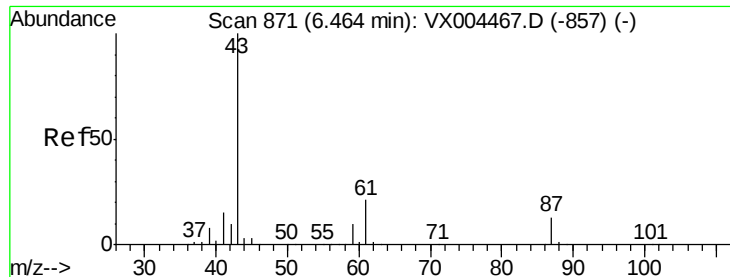


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



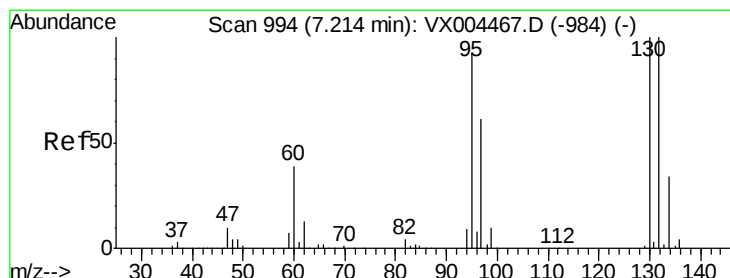
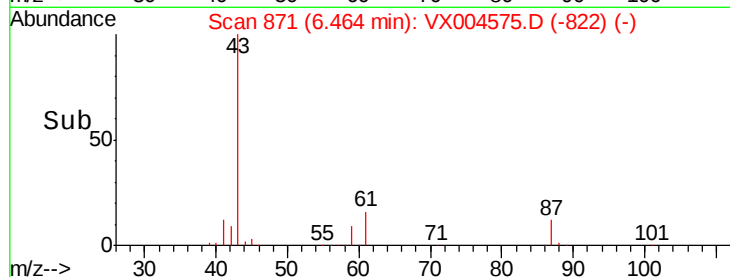
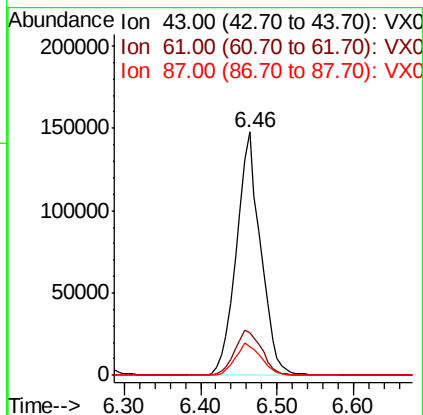
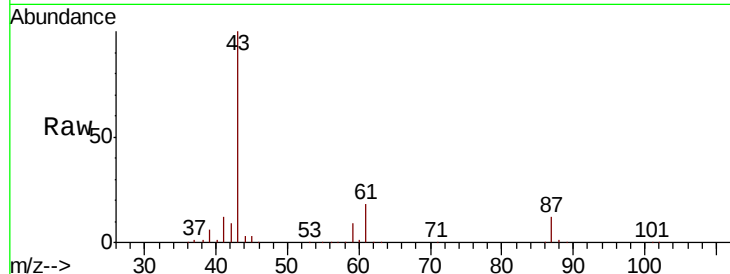


#43

Isopropyl Acetate
 Concen: 51.93 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004575.D
 Acq: 15 Sep 2018 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

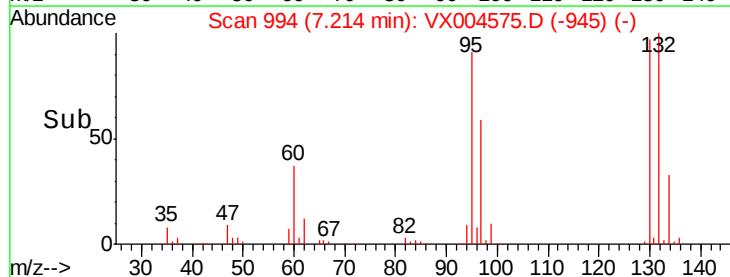
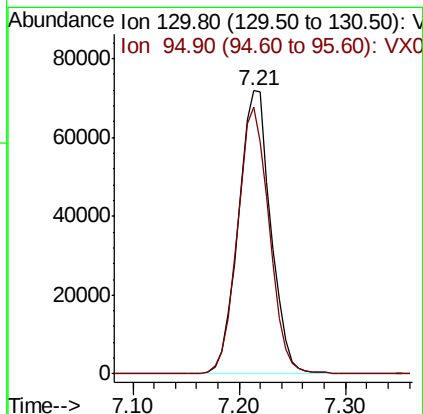
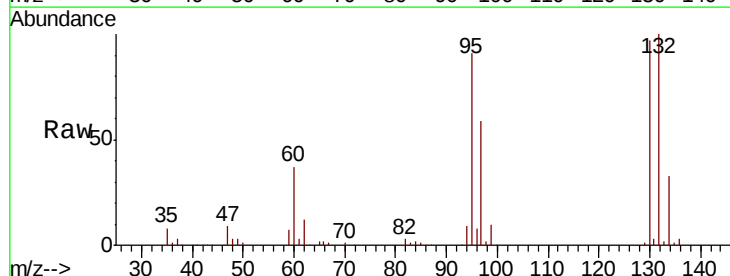
Tot Ion	43	Resp	323852
Ion Ratio	Lower	Upper	
43	100		
61	20.7	17.0	25.4
87	13.9	11.4	17.2

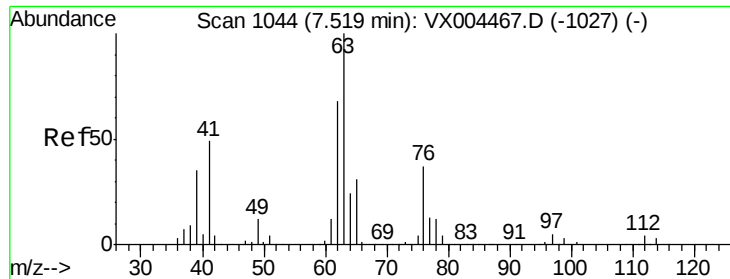


#44

Trichloroethene
 Concen: 48.35 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004575.D
 Acq: 15 Sep 2018 10:15

Tgt Ion	130	Resp	153860
Ion Ratio	Lower	Upper	
130	100		
95	94.0	0.0	181.6





#45

1,2-Dichloropropane

Concen: 50.04 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

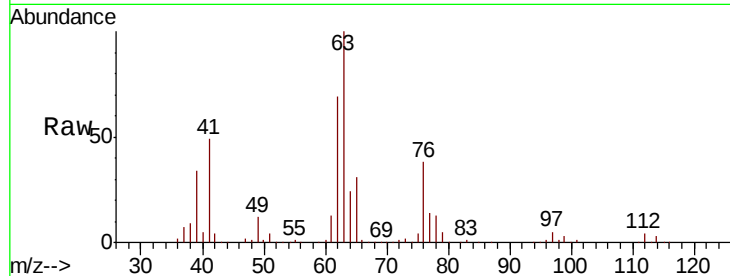
VSTDCCC050EC

Tot Ion: 63 Resp: 147489

Ion Ratio Lower Upper

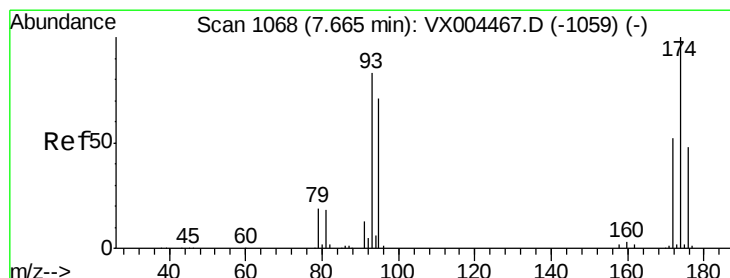
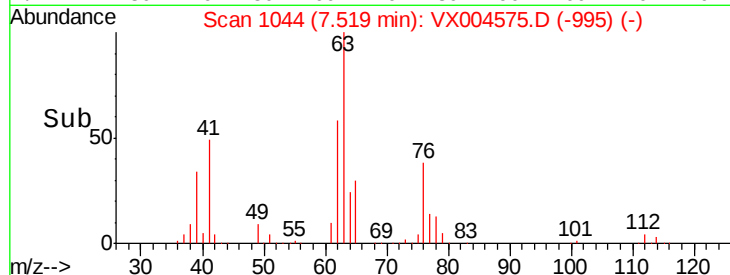
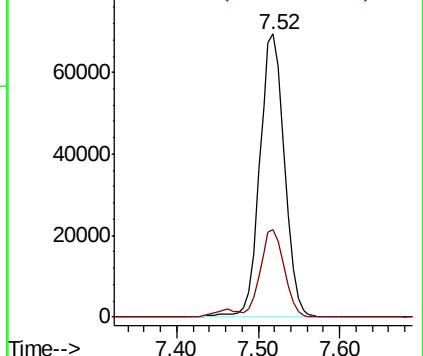
63 100

65 31.1 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.59 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

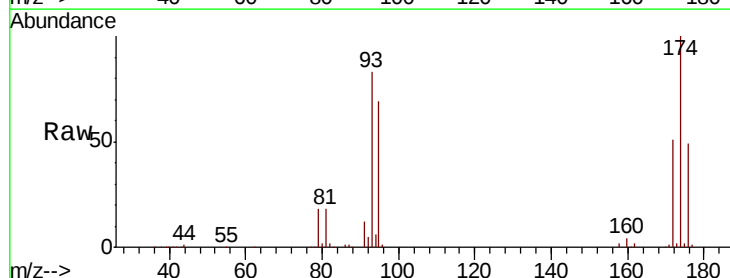
Tgt Ion: 93 Resp: 90480

Ion Ratio Lower Upper

93 100

95 84.5 65.5 98.3

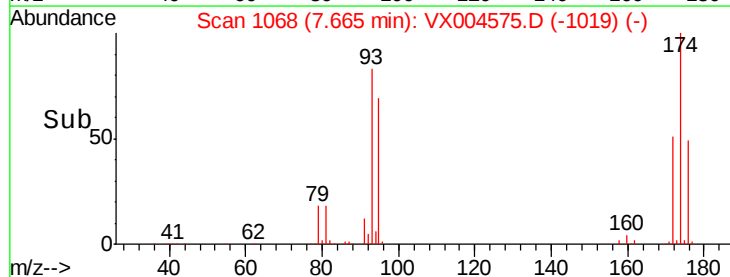
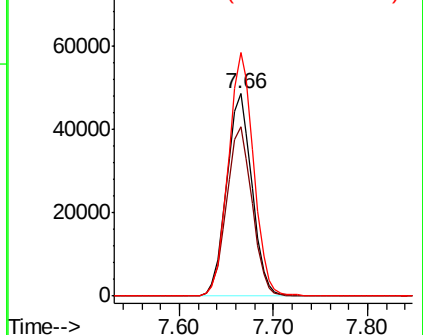
174 120.1 94.2 141.4

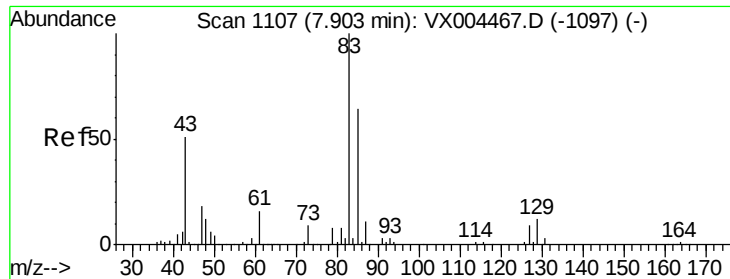


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.88 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

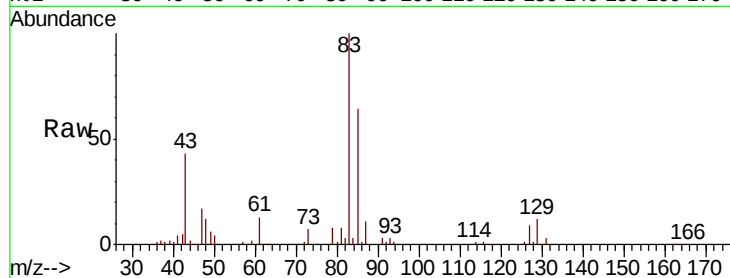
Tot Ion: 83 Resp: 175647

Ion Ratio Lower Upper

83 100

85 63.9 50.9 76.3

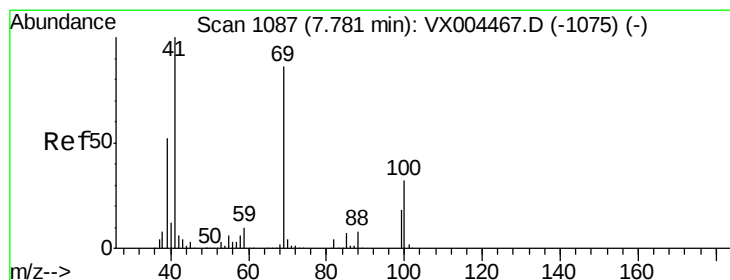
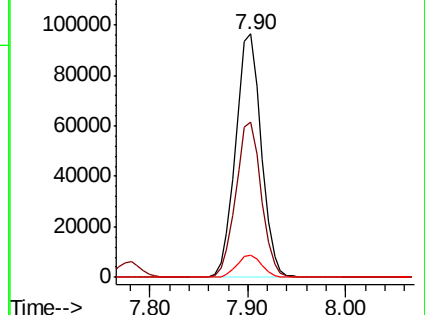
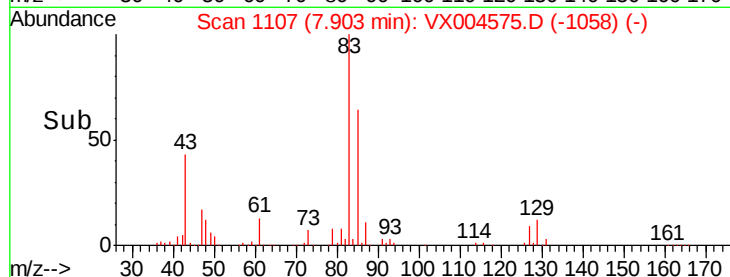
127 9.1 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.46 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

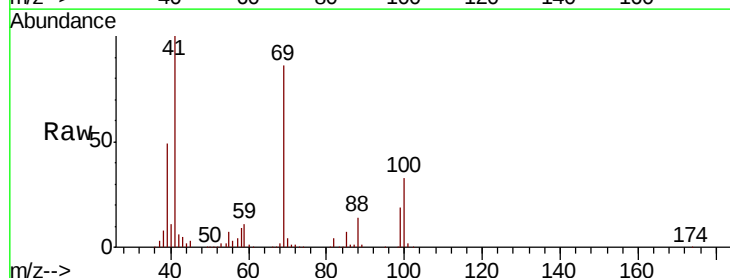
Tgt Ion: 41 Resp: 155728

Ion Ratio Lower Upper

41 100

69 87.4 70.2 105.4

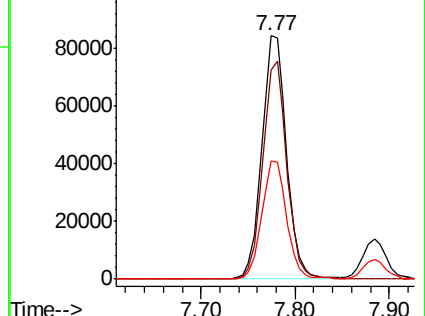
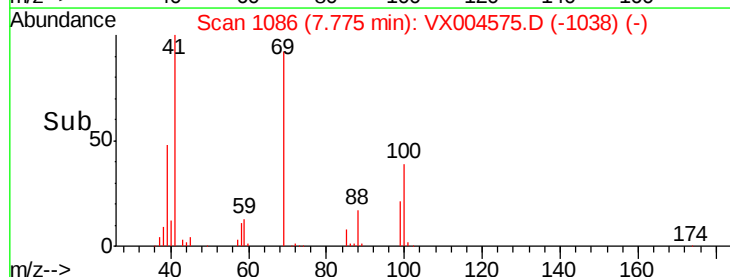
39 49.0 42.7 64.1

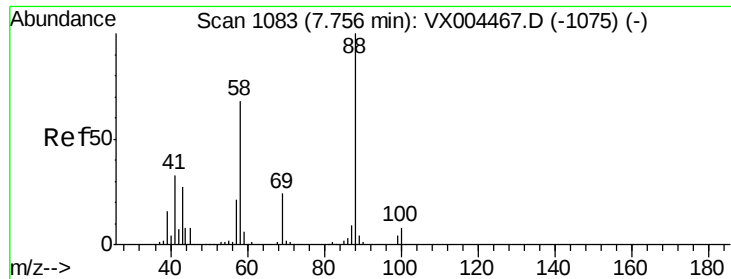


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

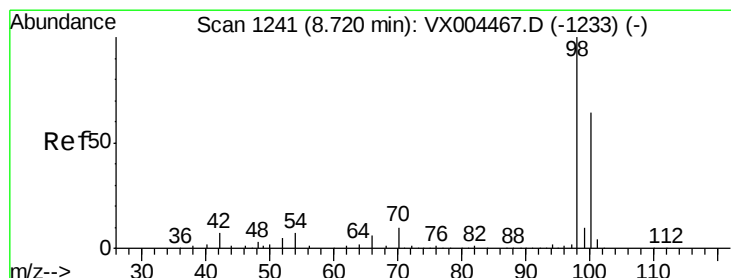
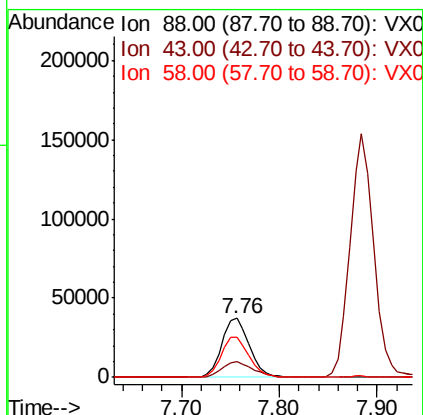
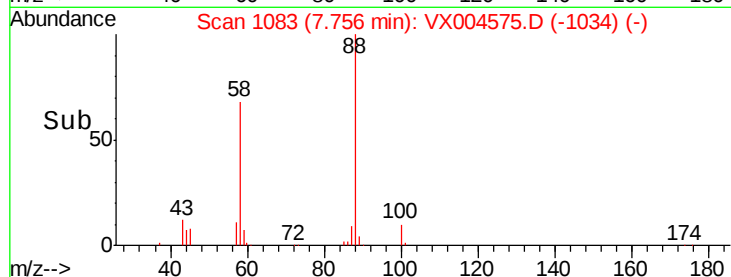
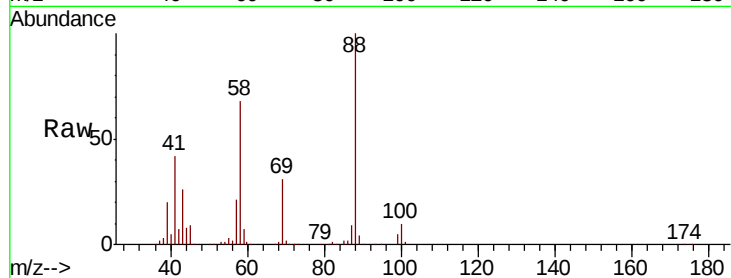




#49
1,4-Dioxane
Concen: 988.73 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004575.D
Acq: 15 Sep 2018 10:15

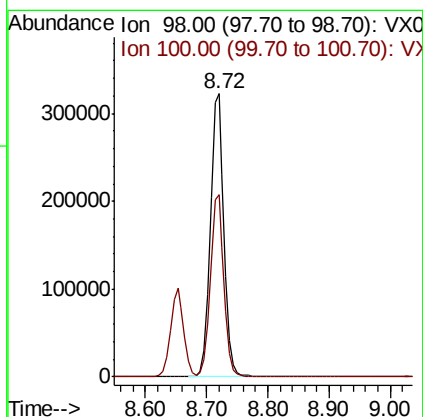
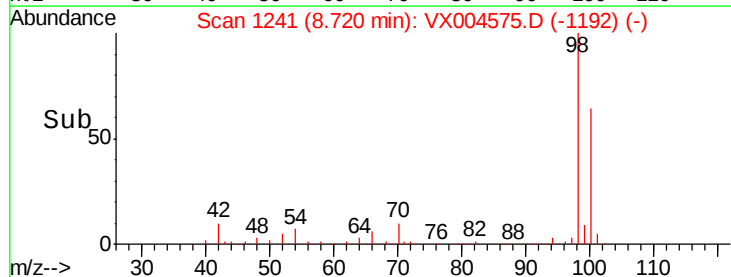
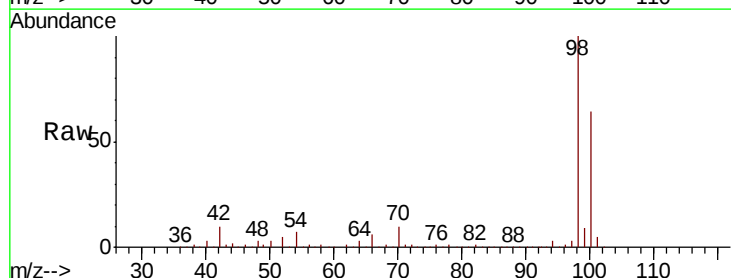
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

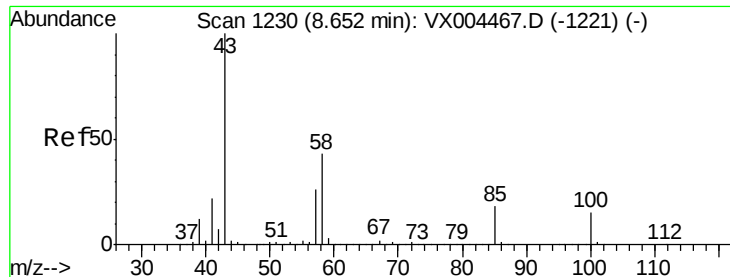
Tot Ion: 88 Resp: 72225
Ion Ratio Lower Upper
88 100
43 29.8 24.7 37.1
58 69.5 55.3 82.9



#50
Toluene-d8
Concen: 48.74 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004575.D
Acq: 15 Sep 2018 10:15

Tgt Ion: 98 Resp: 508636
Ion Ratio Lower Upper
98 100
100 64.6 52.9 79.3

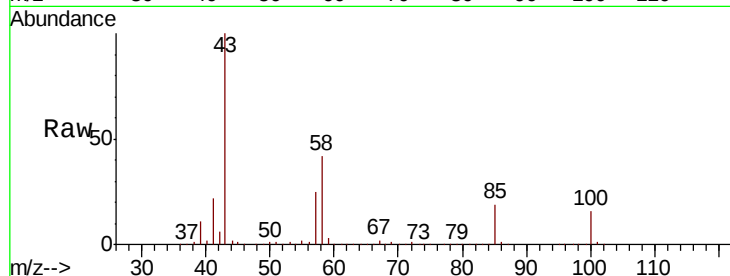




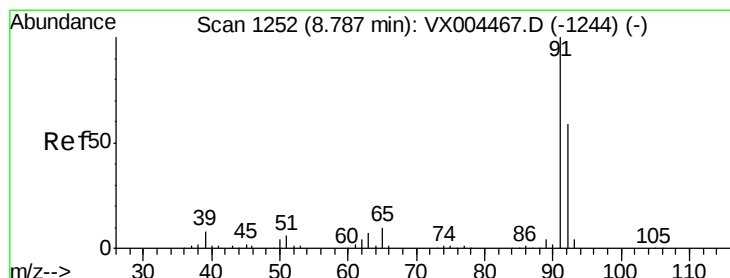
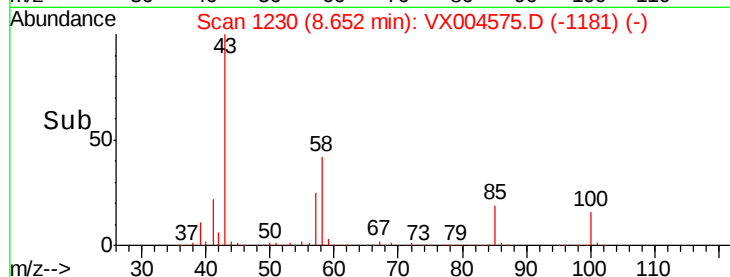
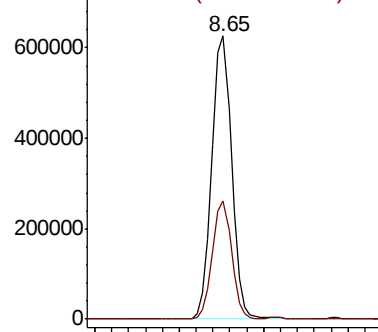
#51
4-Methyl-2-Pentanone
Concen: 224.88 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX004575.D
Acq: 15 Sep 2018 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 989683
Ion Ratio Lower Upper
43 100
58 40.5 33.1 49.7

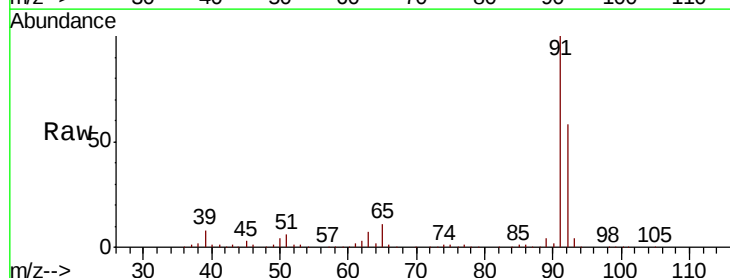


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

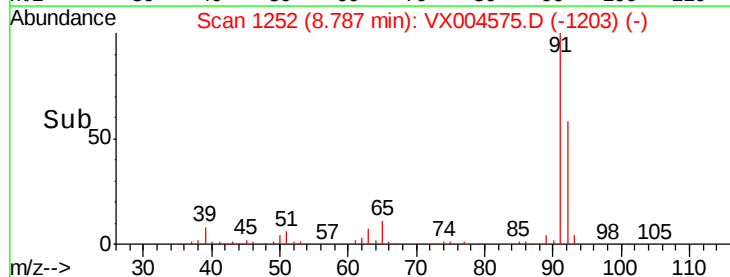
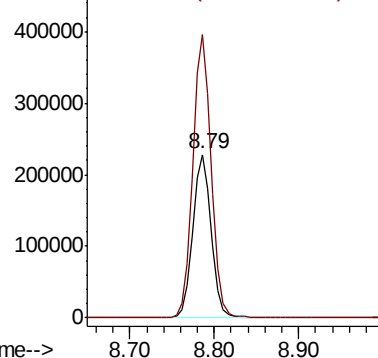


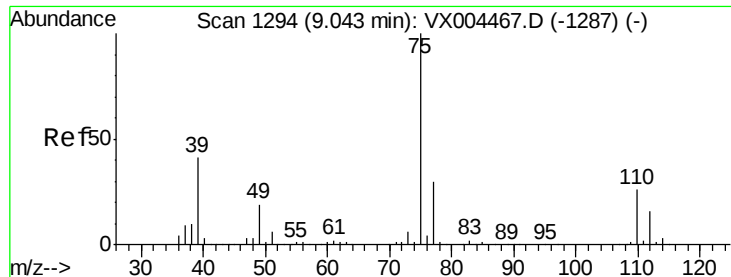
#52
Toluene
Concen: 47.49 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX004575.D
Acq: 15 Sep 2018 10:15

Tgt Ion: 92 Resp: 342751
Ion Ratio Lower Upper
92 100
91 173.9 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0

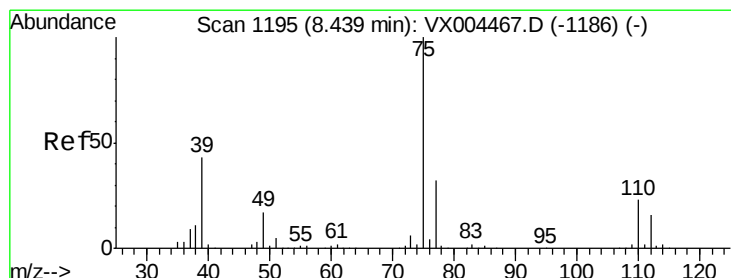
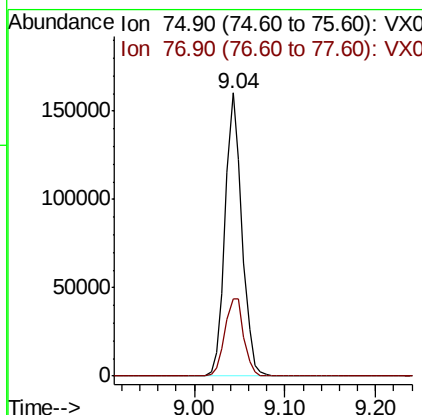
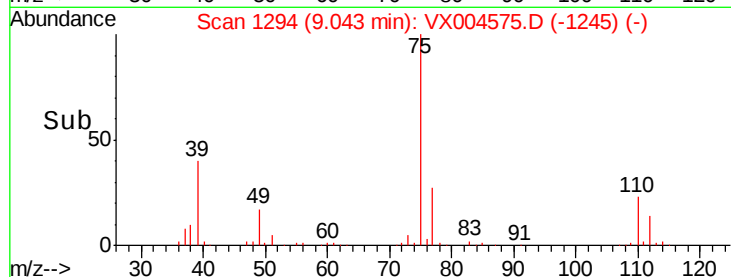
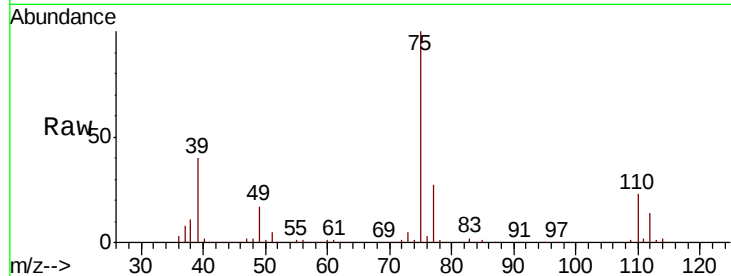




#53
 t-1,3-Dichloropropene
 Concen: 50.17 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX004575.D
 Acq: 15 Sep 2018 10:15

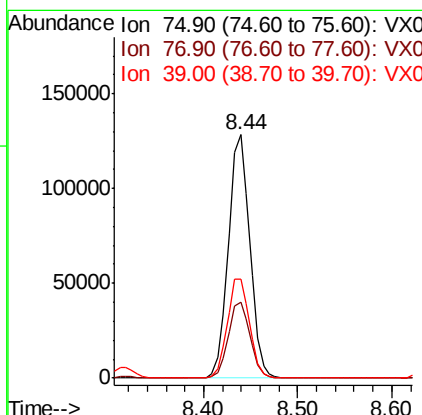
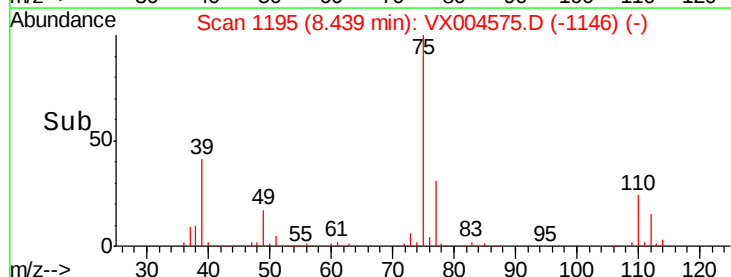
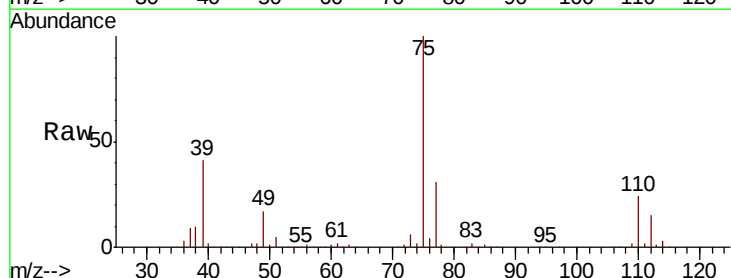
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

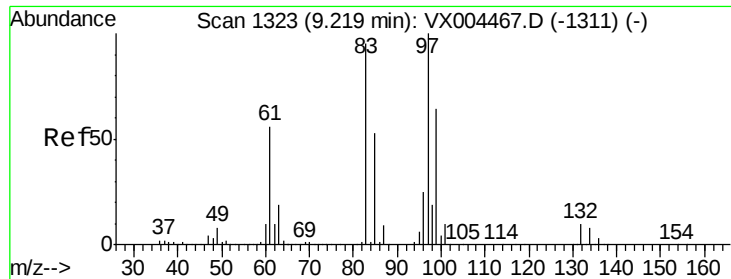
Tot Ion: 75 Resp: 206360
 Ion Ratio Lower Upper
 75 100
 77 27.3 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 48.36 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: VX004575.D
 Acq: 15 Sep 2018 10:15

Tgt Ion: 75 Resp: 202801
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.2 39.2
 39 40.9 36.4 54.6

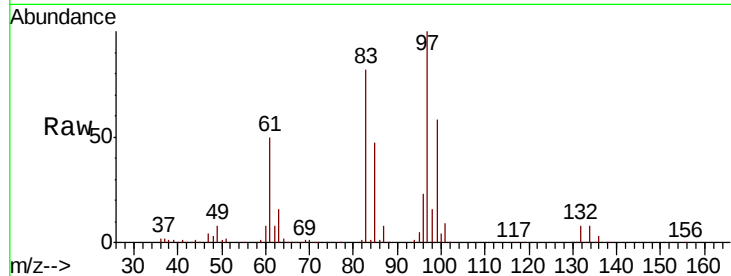




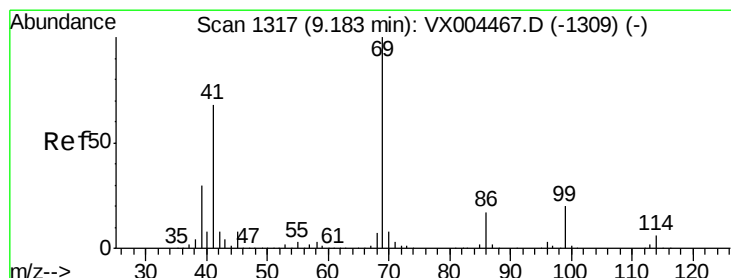
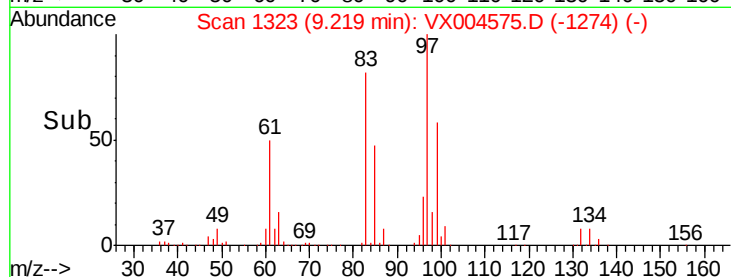
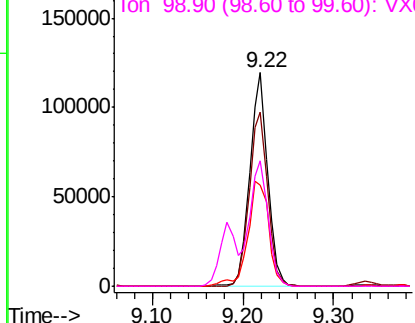
#55
 1,1,2-Trichloroethane
 Concen: 52.38 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004575.D
 Acq: 15 Sep 2018 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	162771
Ion	Ratio	Lower	Upper
97	100		
83	81.8	66.4	99.6
85	47.5	43.3	64.9
99	58.5	49.0	73.4

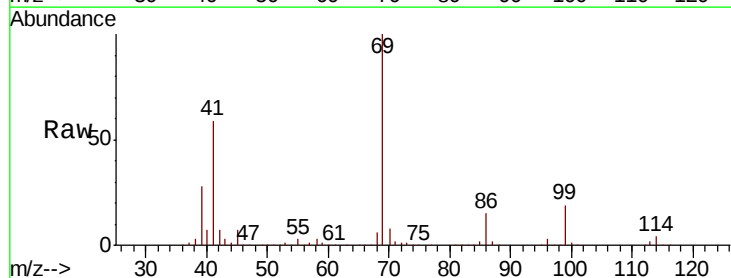


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

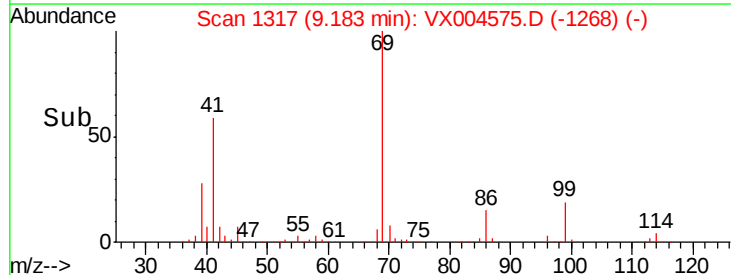
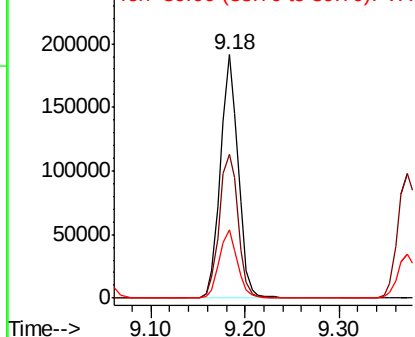


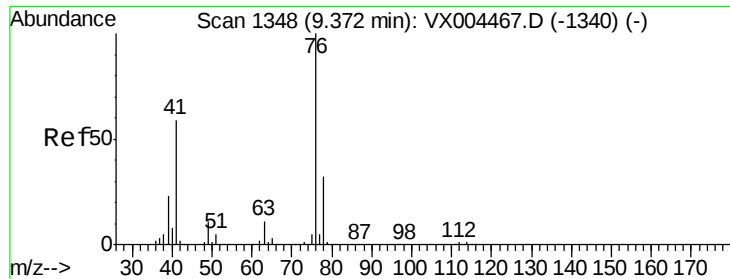
#56
 Ethyl methacrylate
 Concen: 57.03 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004575.D
 Acq: 15 Sep 2018 10:15

Tgt Ion:	69	Resp:	250710
Ion	Ratio	Lower	Upper
69	100		
41	62.7	51.0	76.4
39	28.6	26.1	39.1



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

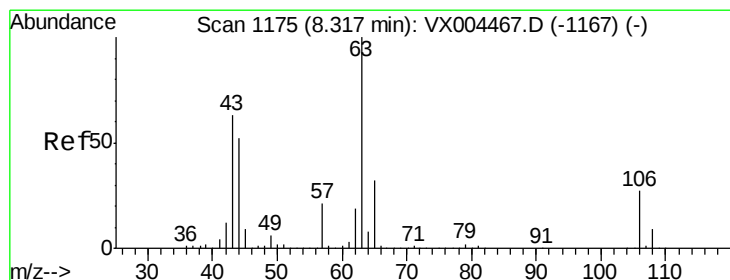
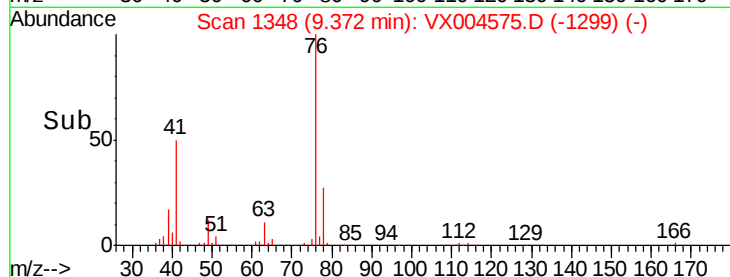
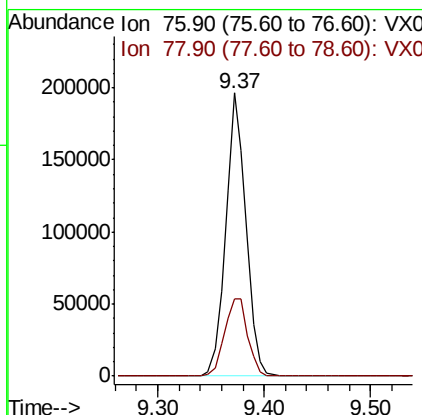
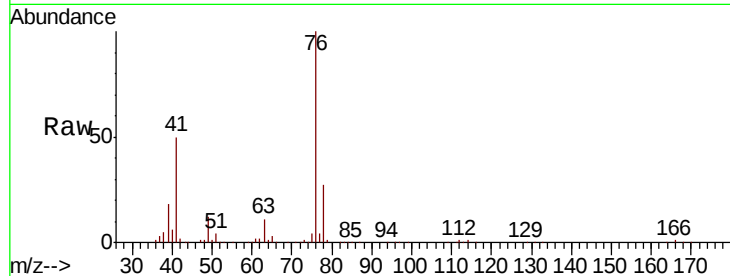




#57
 1,3-Dichloropropane
 Concen: 51.47 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX004575.D
 Acq: 15 Sep 2018 10:15

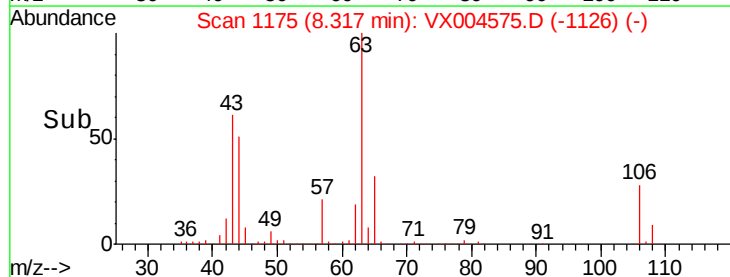
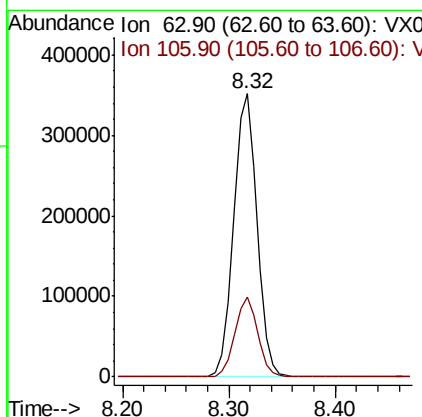
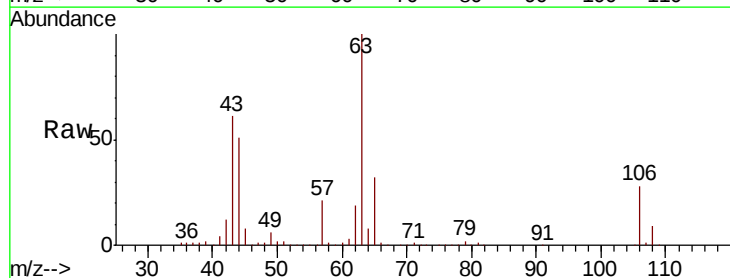
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

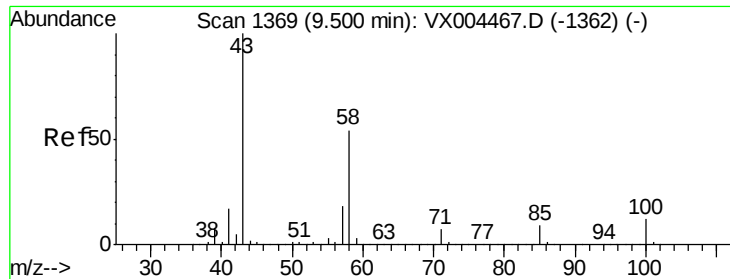
Tot Ion: 76 Resp: 259887
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 242.09 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX004575.D
 Acq: 15 Sep 2018 10:15

Tgt Ion: 63 Resp: 541684
 Ion Ratio Lower Upper
 63 100
 106 27.7 23.9 35.9

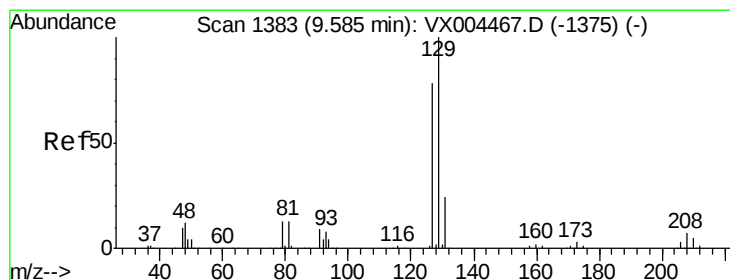
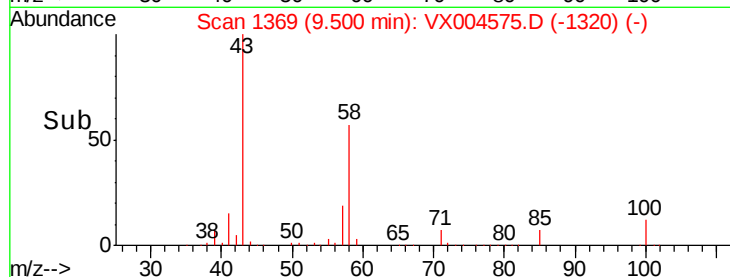
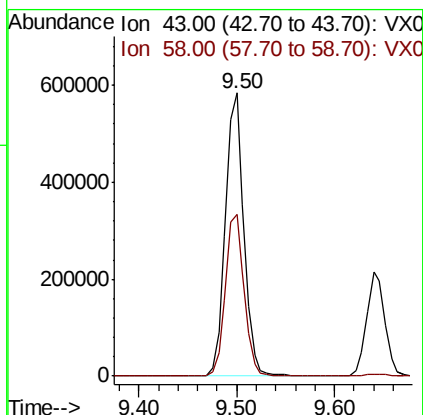
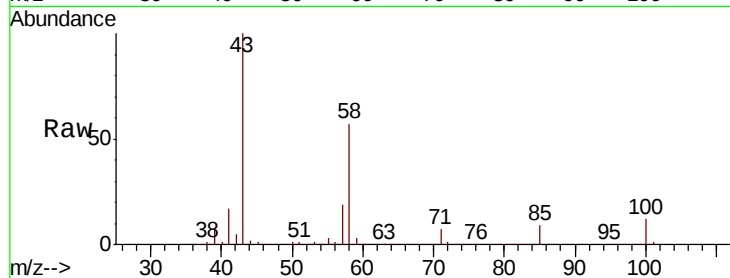




#59
2-Hexanone
Concen: 226.50 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004575.D
Acq: 15 Sep 2018 10:15

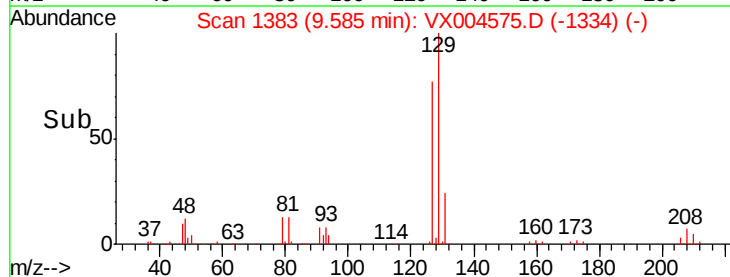
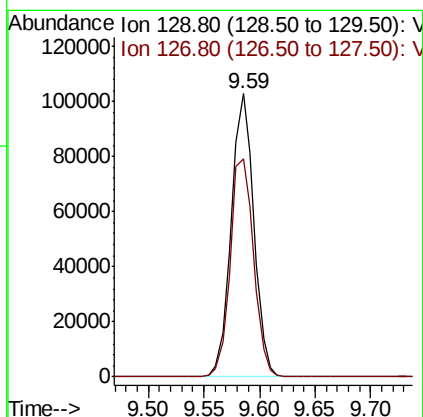
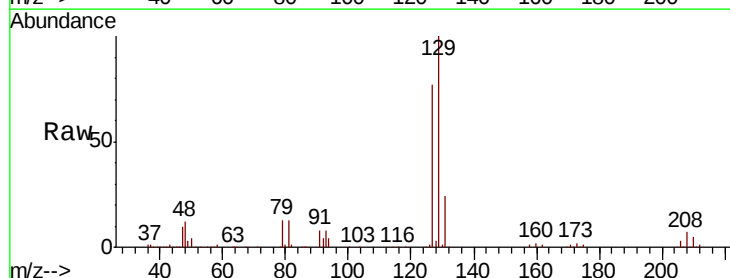
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

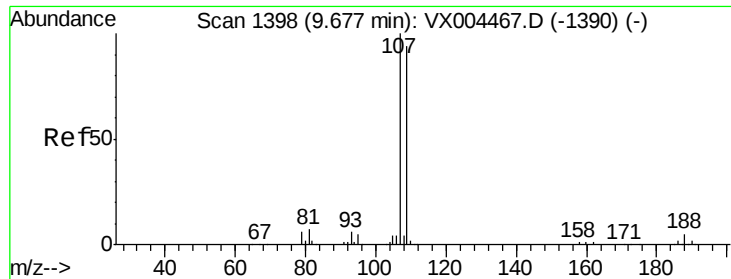
Tot Ion: 43 Resp: 764613
Ion Ratio Lower Upper
43 100
58 58.3 29.0 87.0



#60
Dibromochloromethane
Concen: 49.28 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004575.D
Acq: 15 Sep 2018 10:15

Tgt Ion: 129 Resp: 144173
Ion Ratio Lower Upper
129 100
127 79.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.50 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

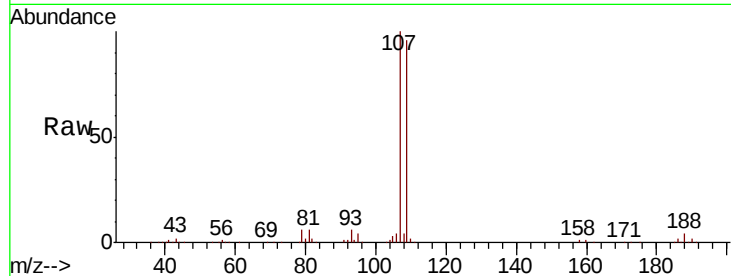
VSTDCCC050EC

Tot Ion:107 Resp: 143962

Ion Ratio Lower Upper

107 100

109 95.8 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

120000

100000

80000

60000

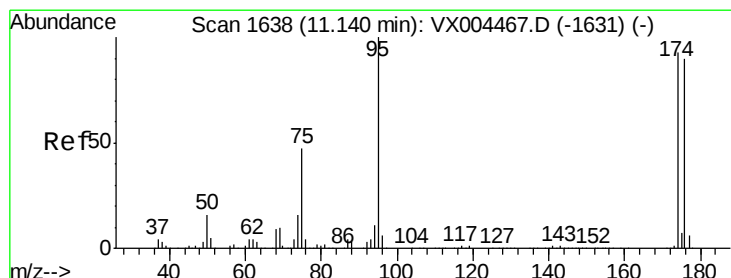
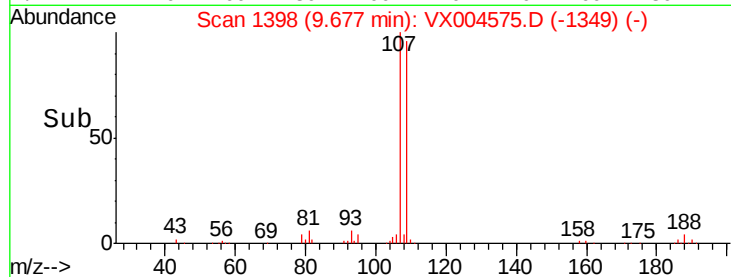
40000

20000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 49.55 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

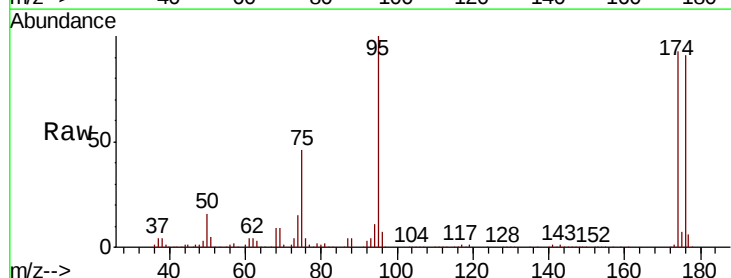
Tgt Ion: 95 Resp: 184588

Ion Ratio Lower Upper

95 100

174 93.1 0.0 185.2

176 90.3 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

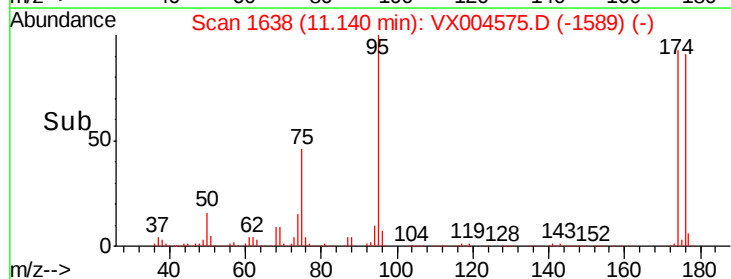
100000

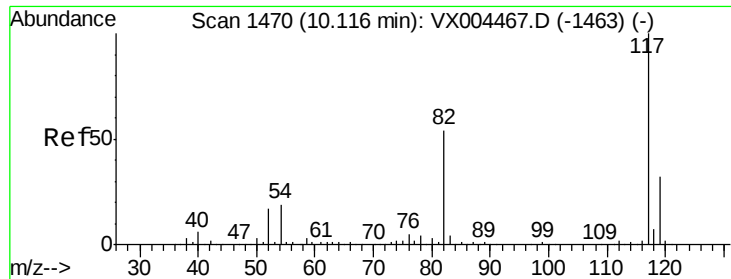
50000

0

11.10 11.14 11.18 11.22

Time-->

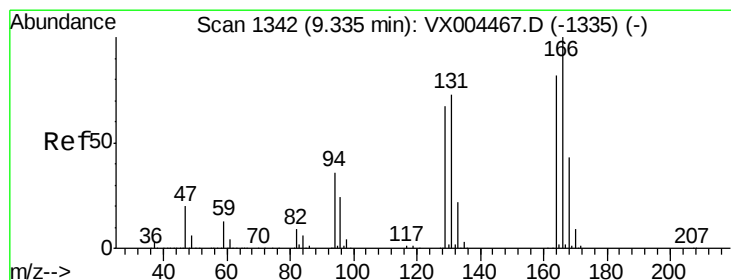
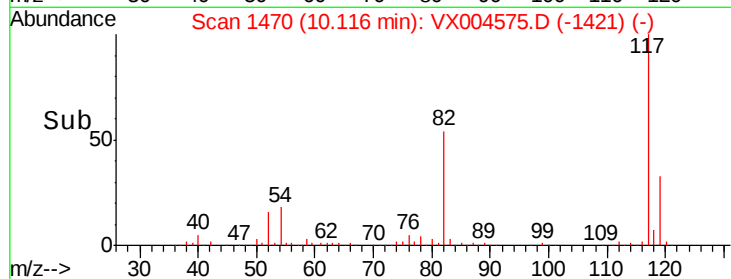
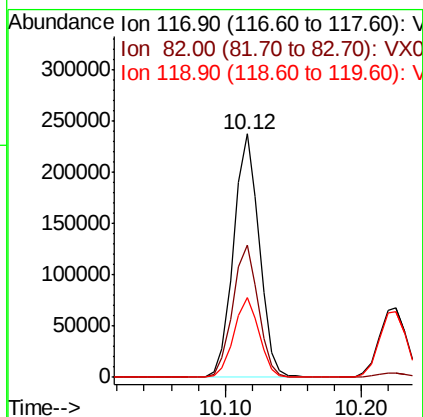
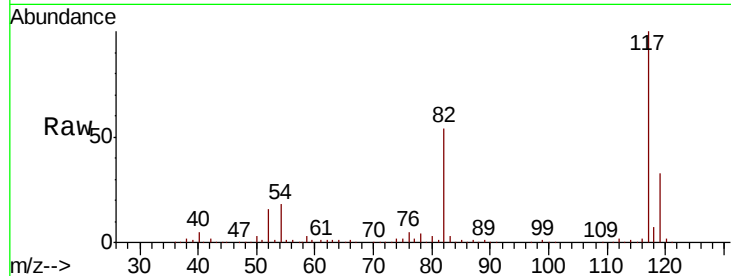




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004575.D
Acq: 15 Sep 2018 10:15

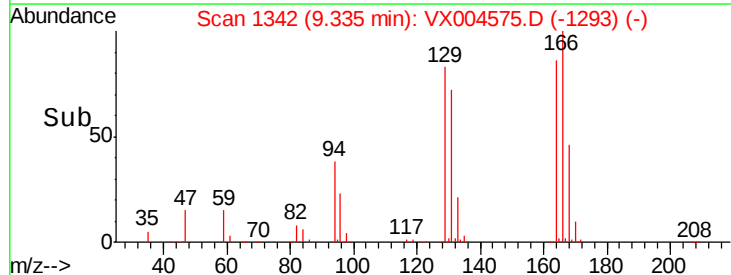
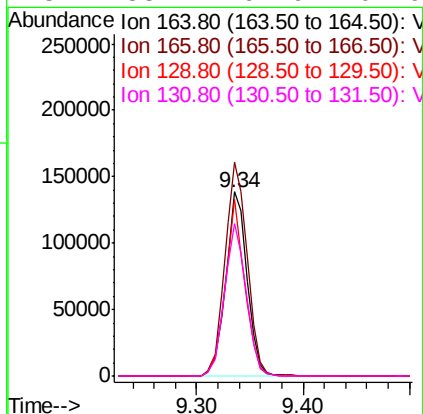
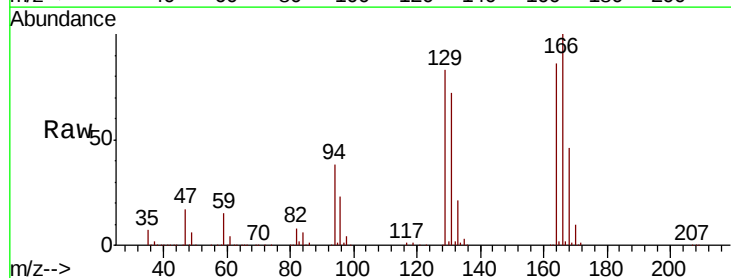
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

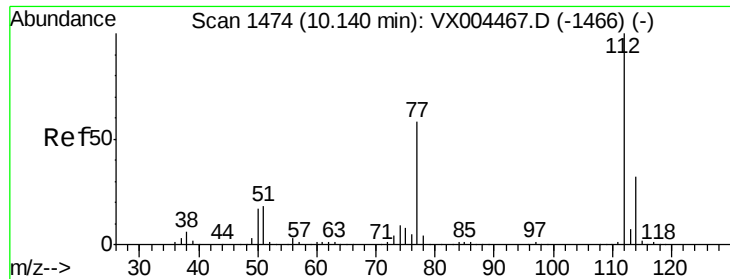
Tot Ion:117 Resp: 311530
Ion Ratio Lower Upper
117 100
82 54.1 47.8 71.6
119 33.0 29.3 43.9



#64
Tetrachloroethene
Concen: 49.92 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004575.D
Acq: 15 Sep 2018 10:15

Tgt Ion:164 Resp: 194178
Ion Ratio Lower Upper
164 100
166 116.2 102.8 154.2
129 96.4 69.4 104.0
131 83.2 67.9 101.9

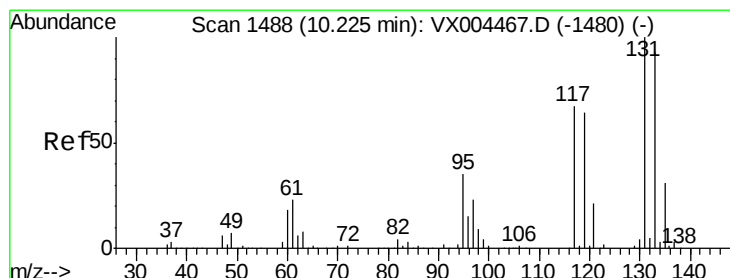
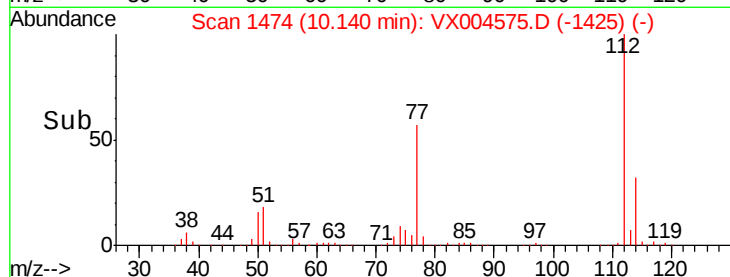
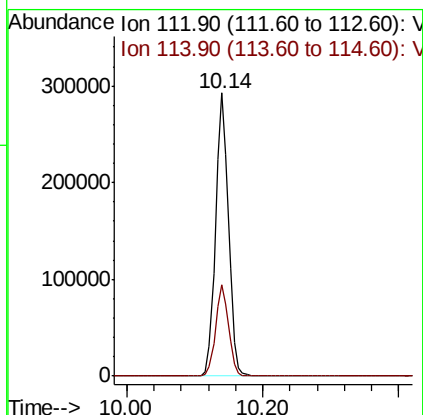
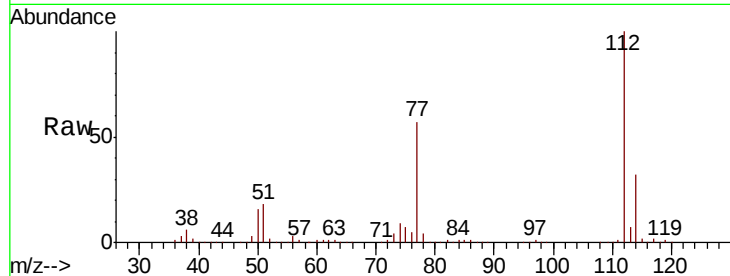




#65
Chlorobenzene
Concen: 49.87 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004575.D
Acq: 15 Sep 2018 10:15

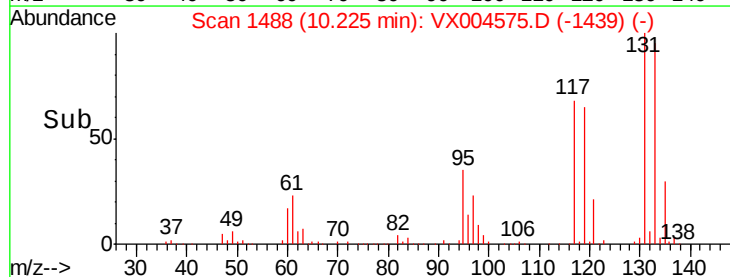
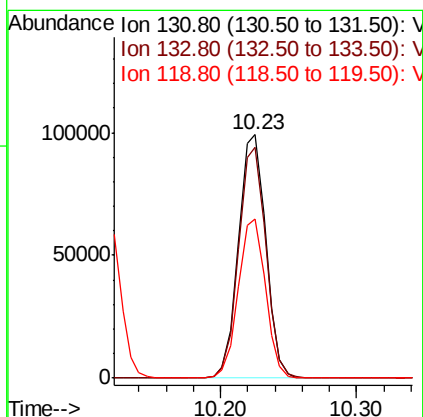
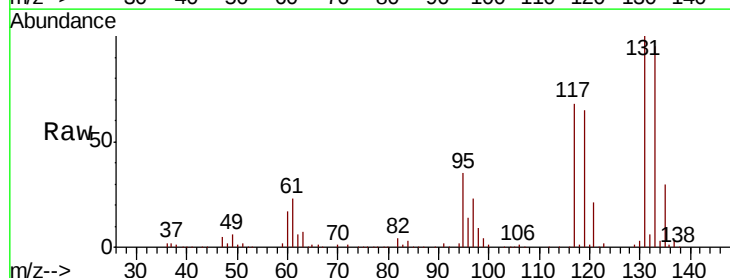
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

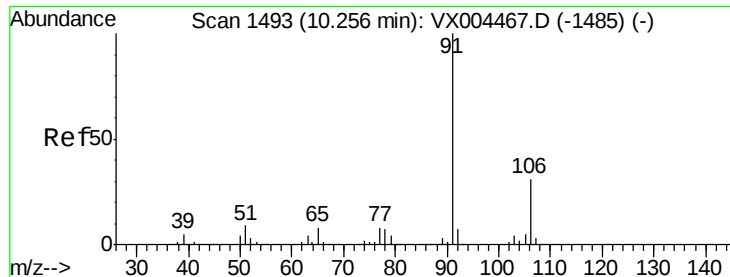
Tot Ion:112 Resp: 385937
Ion Ratio Lower Upper
112 100
114 32.5 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.12 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004575.D
Acq: 15 Sep 2018 10:15

Tgt Ion:131 Resp: 139087
Ion Ratio Lower Upper
131 100
133 94.9 48.1 144.4
119 64.9 32.9 98.6

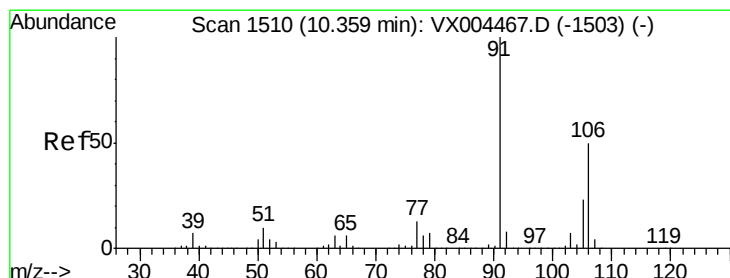
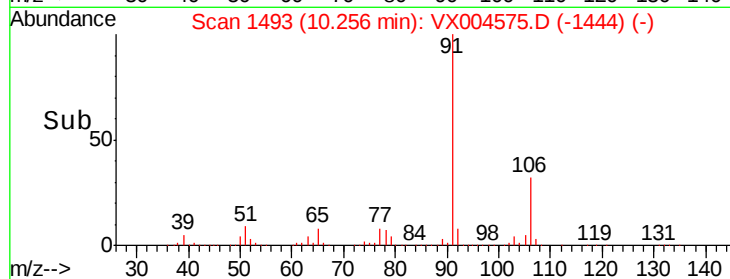
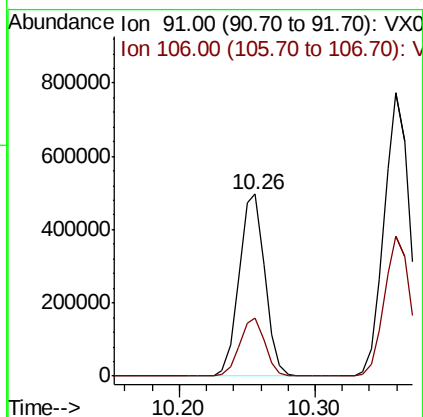
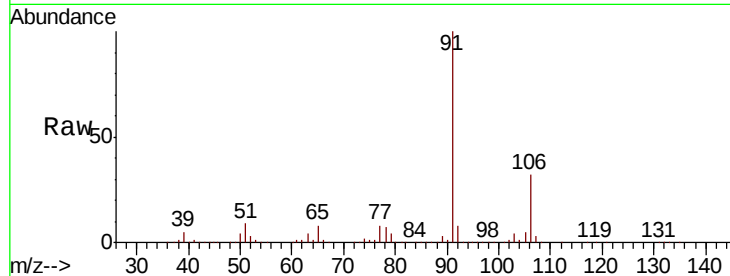




#67
Ethyl Benzene
Concen: 52.14 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004575.D
Acq: 15 Sep 2018 10:15

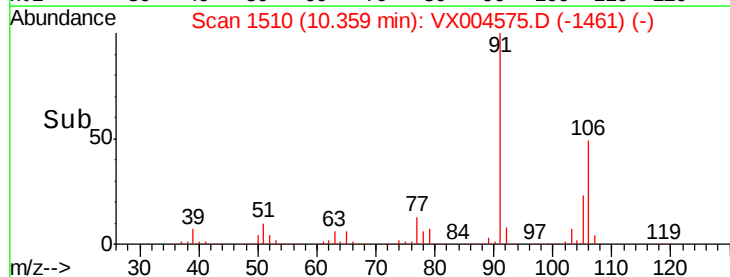
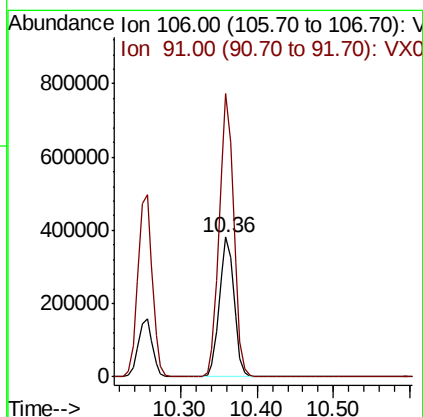
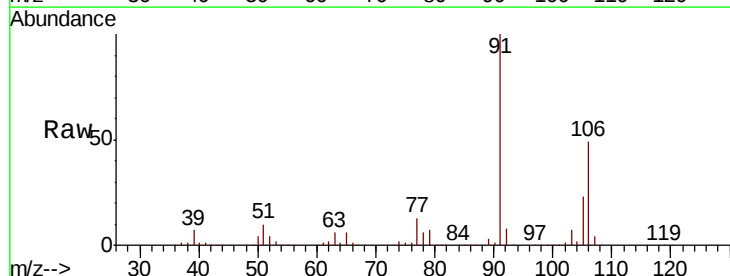
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

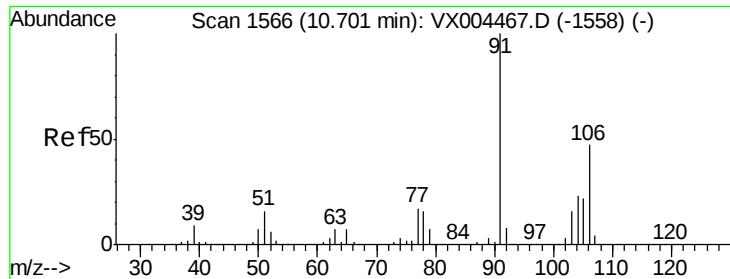
Tot Ion: 91 Resp: 656051
Ion Ratio Lower Upper
91 100
106 31.9 25.9 38.9



#68
m/p-Xylenes
Concen: 104.80 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004575.D
Acq: 15 Sep 2018 10:15

Tgt Ion: 106 Resp: 507962
Ion Ratio Lower Upper
106 100
91 200.0 157.1 235.7

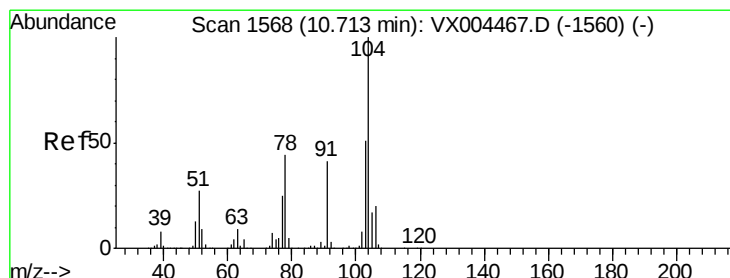
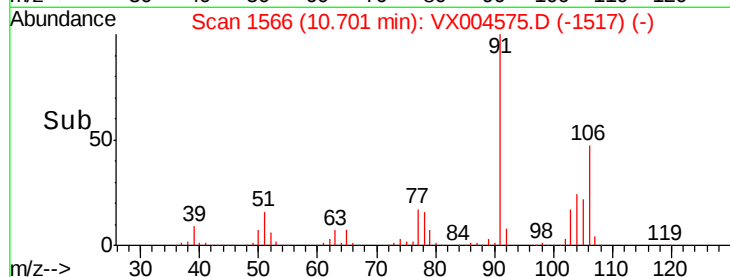
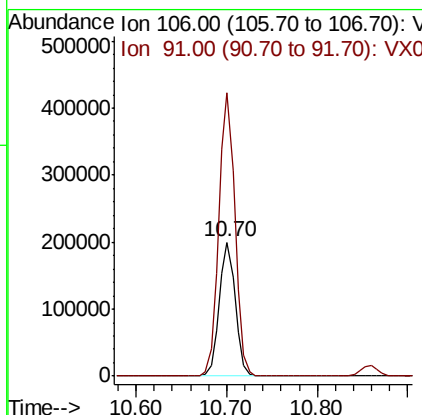
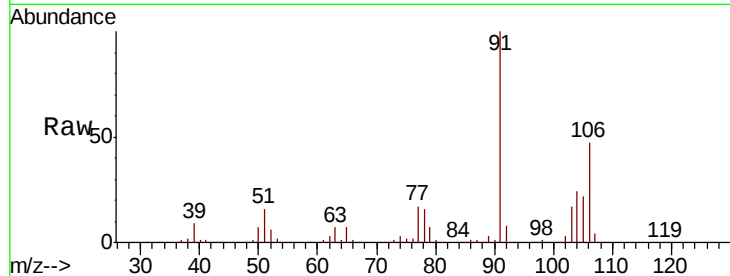




#69
o-Xylene
Concen: 53.25 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004575.D
Acq: 15 Sep 2018 10:15

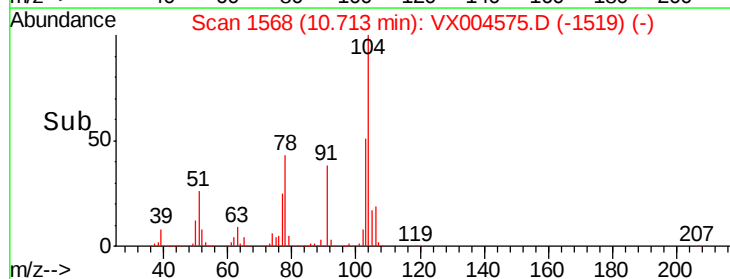
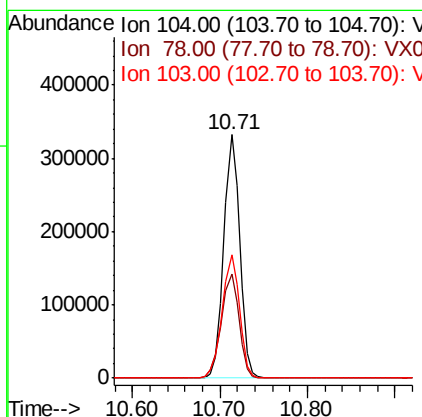
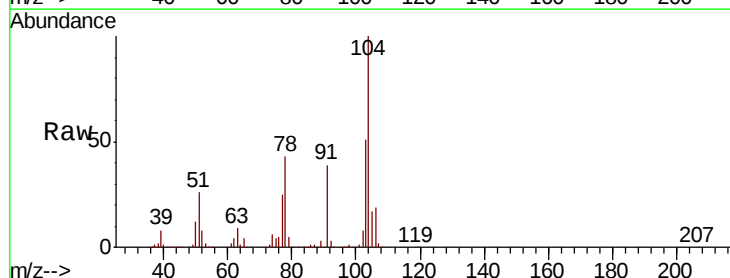
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

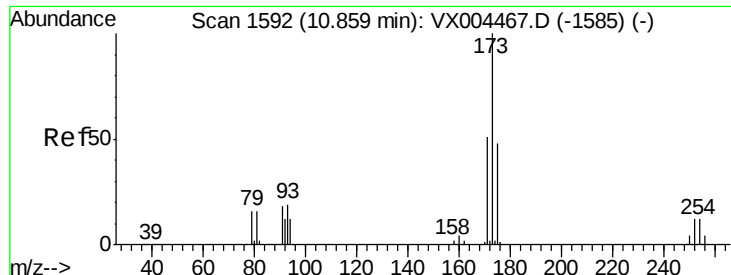
Tot Ion:106 Resp: 248129
Ion Ratio Lower Upper
106 100
91 211.8 105.1 315.1



#70
Styrene
Concen: 54.28 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004575.D
Acq: 15 Sep 2018 10:15

Tgt Ion:104 Resp: 419021
Ion Ratio Lower Upper
104 100
78 47.7 37.4 56.0
103 55.3 43.8 65.6





#71

Bromoform

Concen: 52.05 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

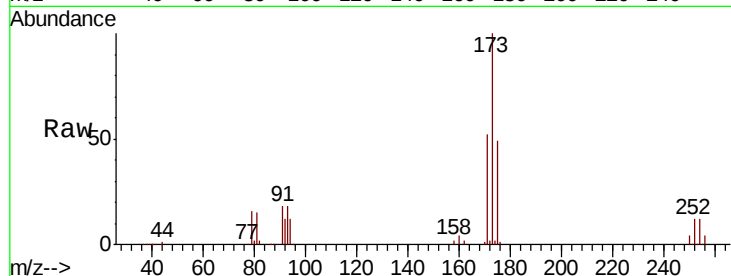
Tot Ion:173 Resp: 114044

Ion Ratio Lower Upper

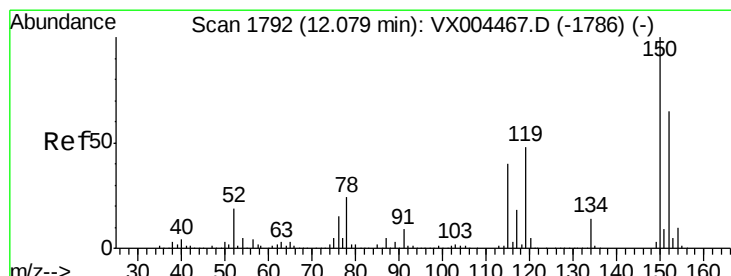
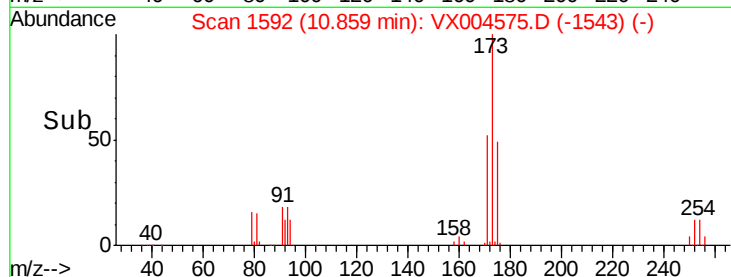
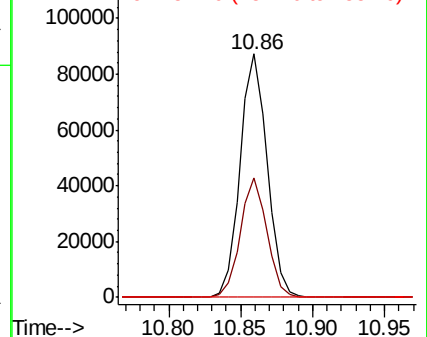
173 100

175 48.3 24.1 72.3

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

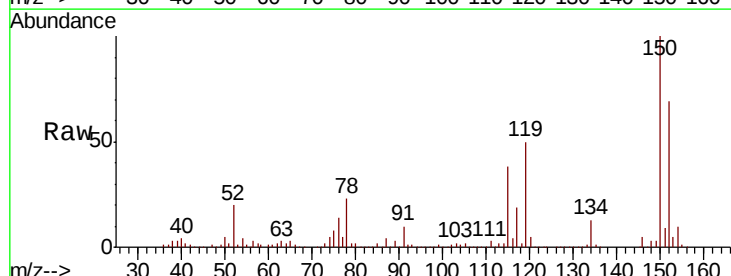
Tgt Ion:152 Resp: 214778

Ion Ratio Lower Upper

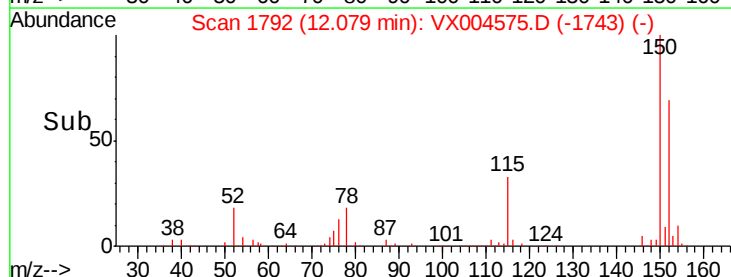
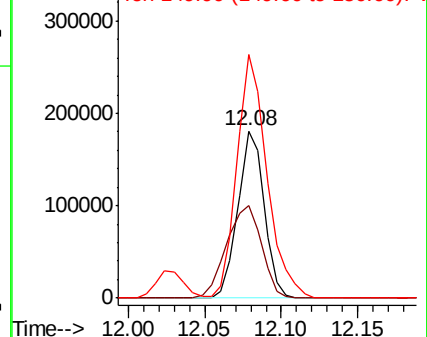
152 100

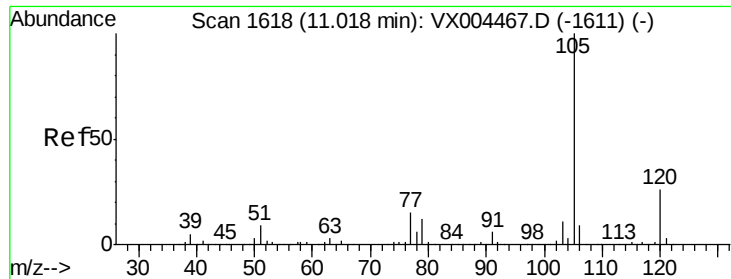
115 74.0 39.0 117.0

150 166.9 0.0 351.0



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: 46.95 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

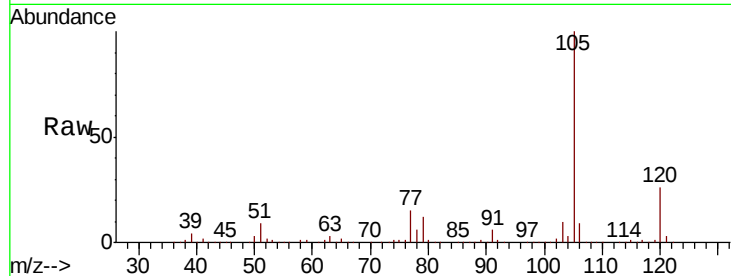
VSTDCCC050EC

Tot Ion:105 Resp: 664174

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

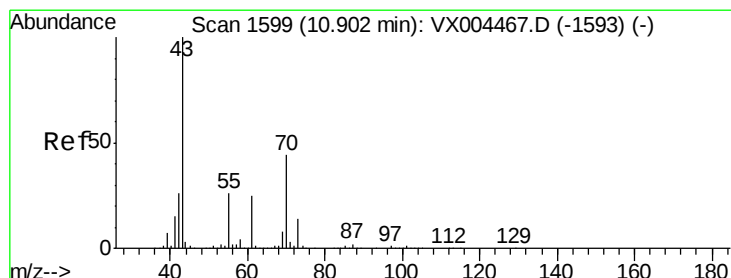
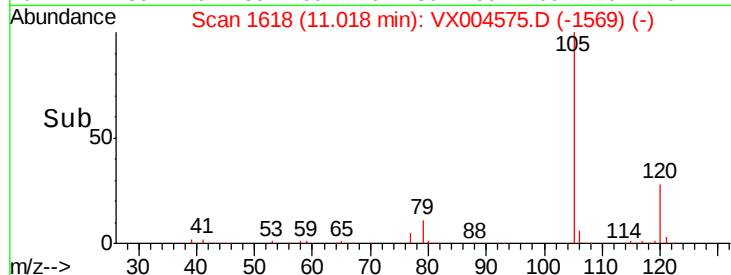
0

11.02

11.00

10.90

Time-->



#74

N-ethyl acetate

Concen: 46.23 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

Tgt Ion: 43 Resp: 275246

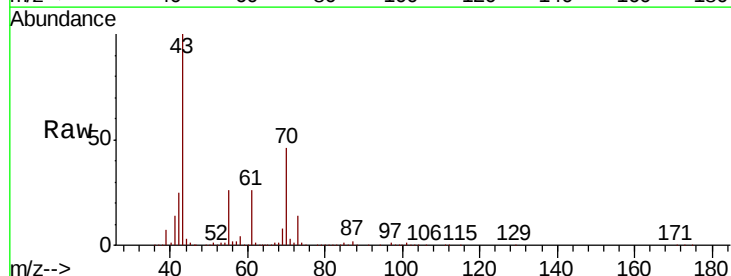
Ion Ratio Lower Upper

43 100

70 44.6 37.4 56.0

55 25.8 21.8 32.8

61 25.6 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

300000

200000

100000

0

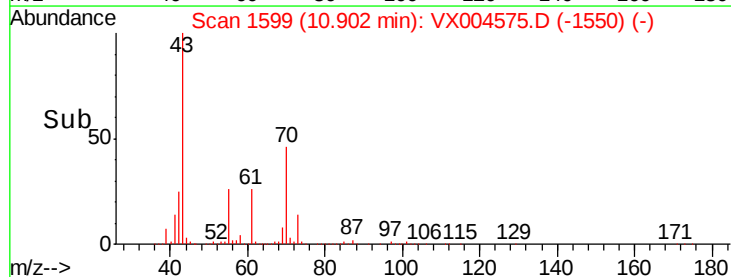
10.90

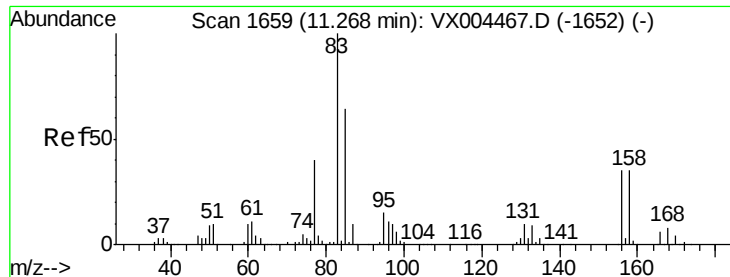
10.80

10.90

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 44.64 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

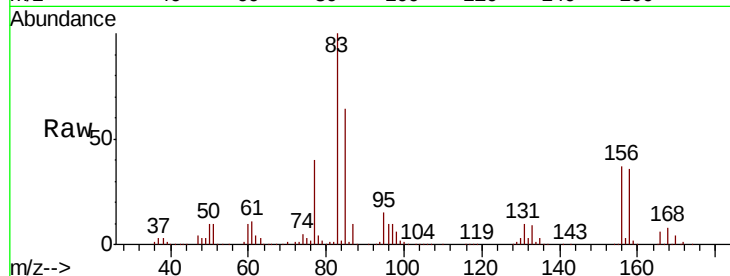
Tot Ion: 83 Resp: 203665

Ion Ratio Lower Upper

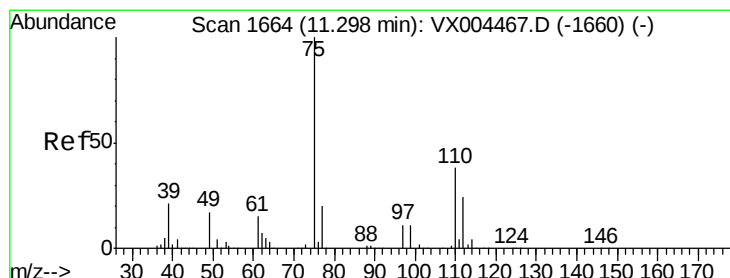
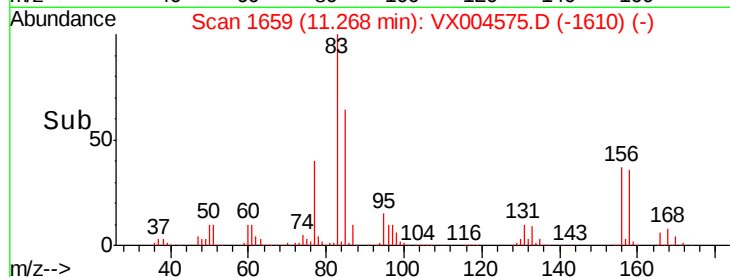
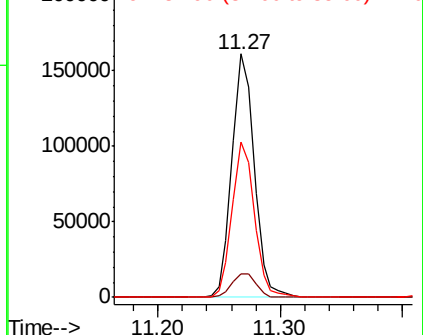
83 100

131 10.6 5.2 15.6

85 64.1 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 53.34 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004575.D

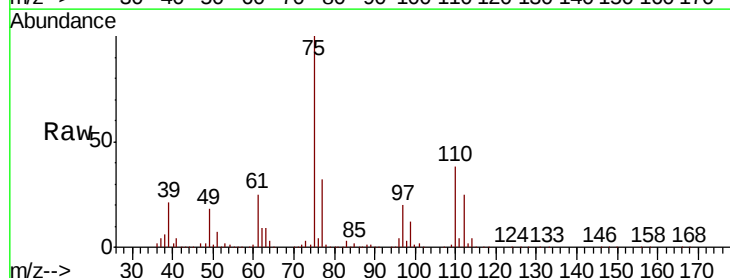
Acq: 15 Sep 2018 10:15

Tgt Ion: 75 Resp: 230490

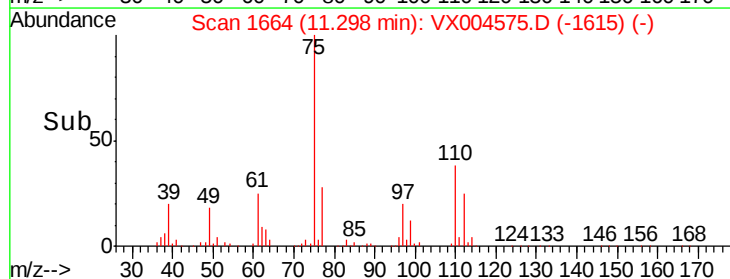
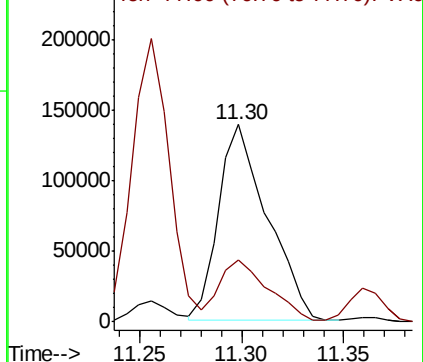
Ion Ratio Lower Upper

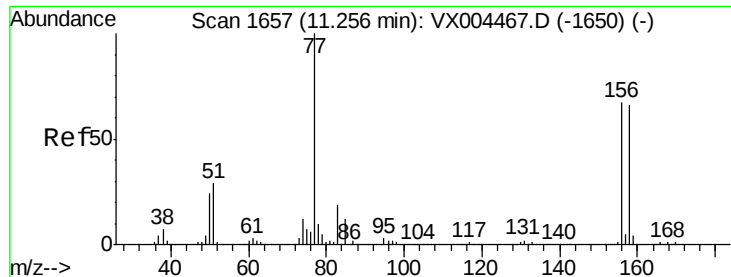
75 100

77 31.9 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 45.28 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

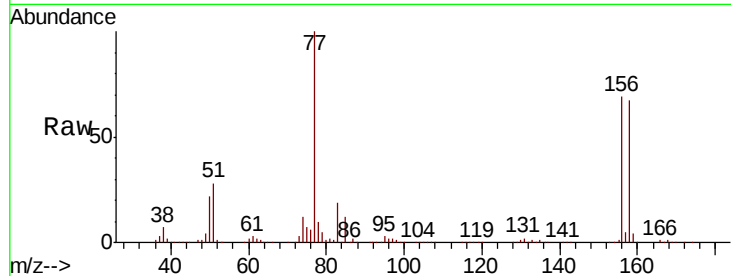
Tot Ion:156 Resp: 177049

Ion Ratio Lower Upper

156 100

77 144.9 71.5 214.3

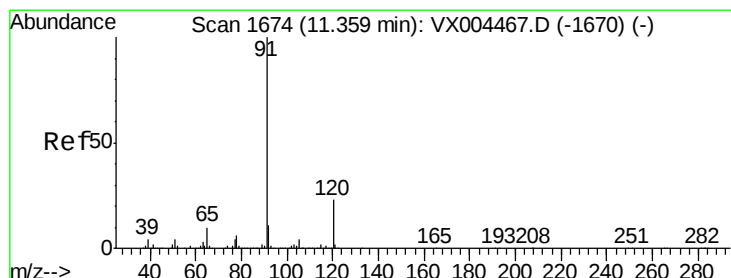
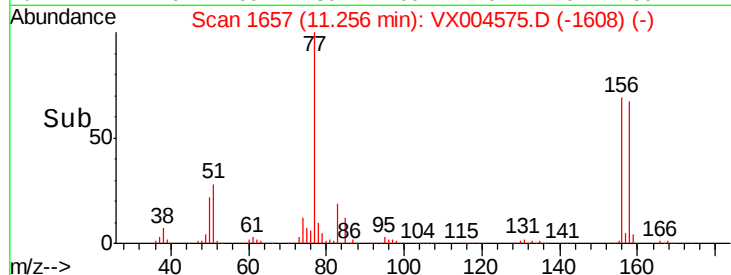
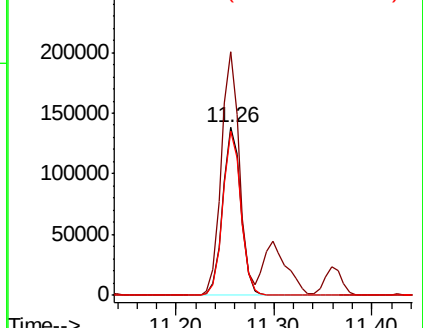
158 97.4 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.48 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004575.D

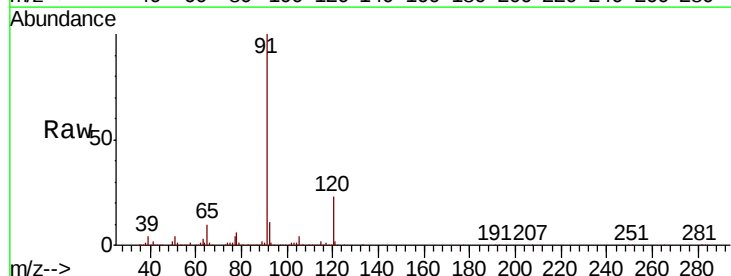
Acq: 15 Sep 2018 10:15

Tgt Ion: 91 Resp: 755994

Ion Ratio Lower Upper

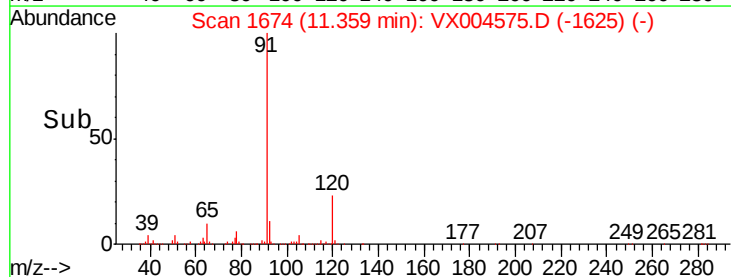
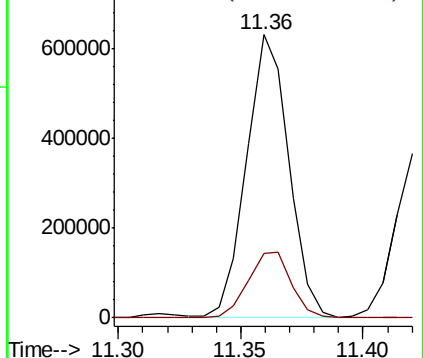
91 100

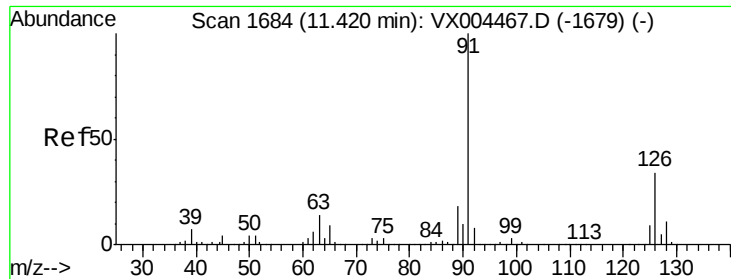
120 24.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

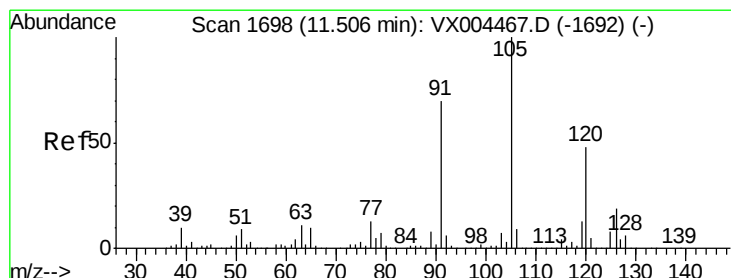
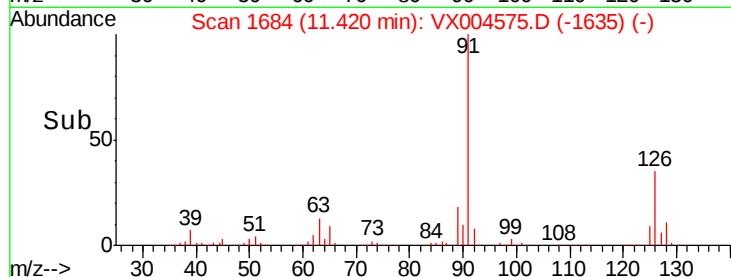
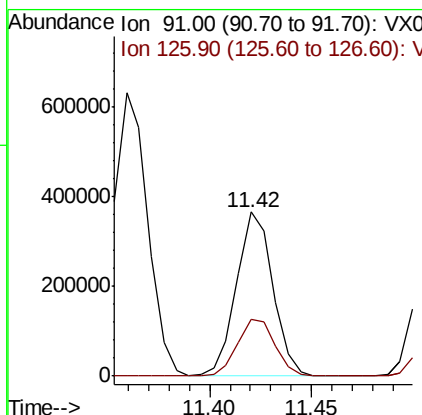
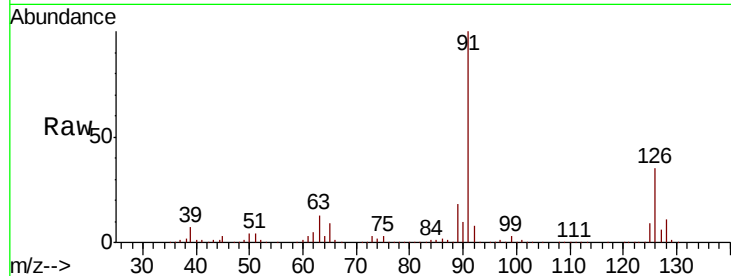




#79
 2-Chlorotoluene
 Concen: 45.80 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX004575.D
 Acq: 15 Sep 2018 10:15

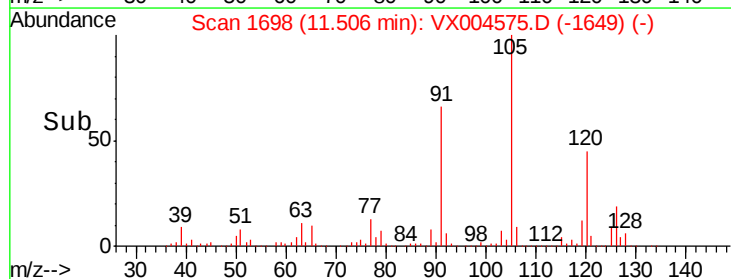
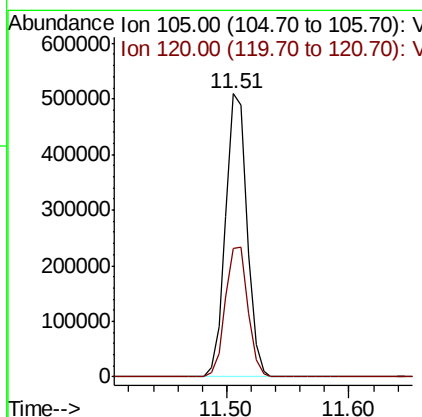
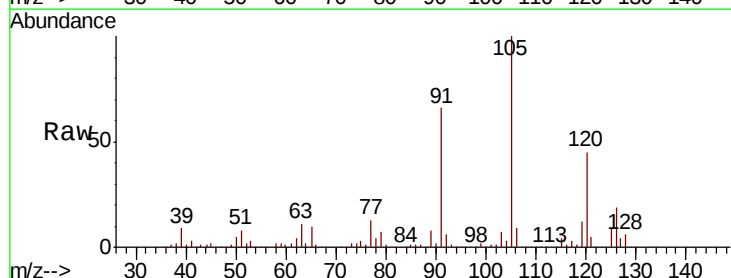
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

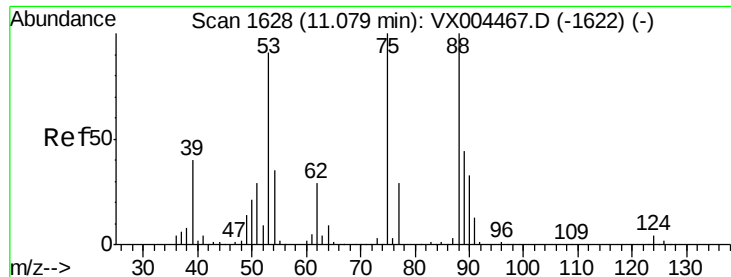
Tot Ion: 91 Resp: 451801
 Ion Ratio Lower Upper
 91 100
 126 36.1 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 51.95 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX004575.D
 Acq: 15 Sep 2018 10:15

Tgt Ion: 105 Resp: 617786
 Ion Ratio Lower Upper
 105 100
 120 48.3 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 38.84 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

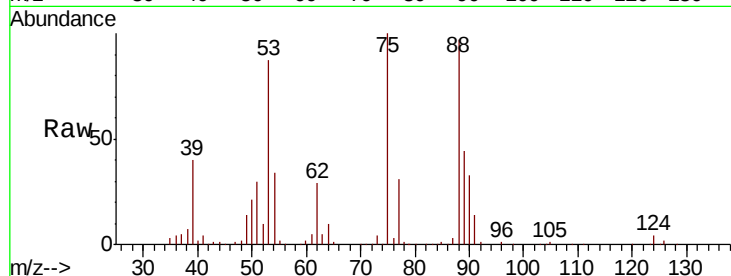
Tot Ion: 75 Resp: 52650

Ion Ratio Lower Upper

75 100

53 90.7 80.1 120.1

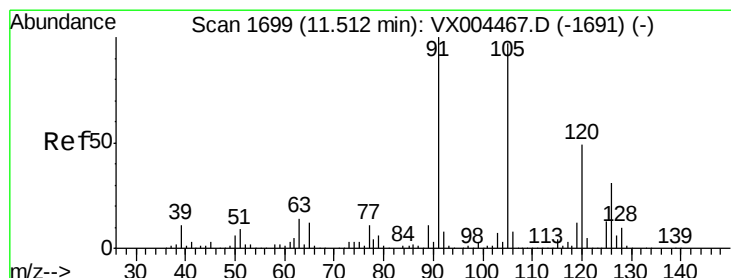
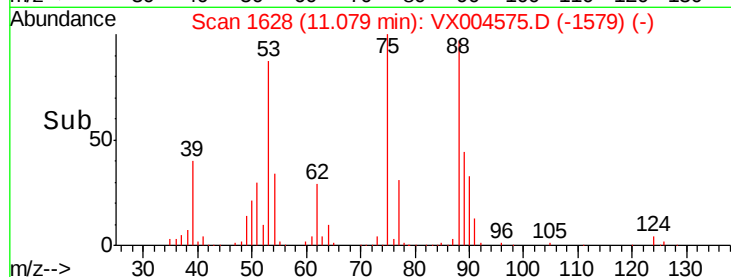
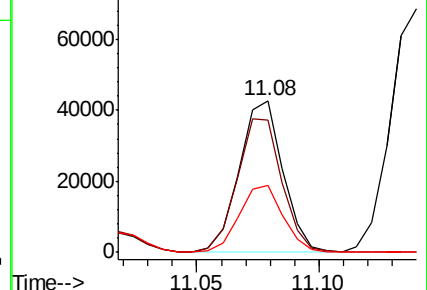
89 45.0 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.85 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004575.D

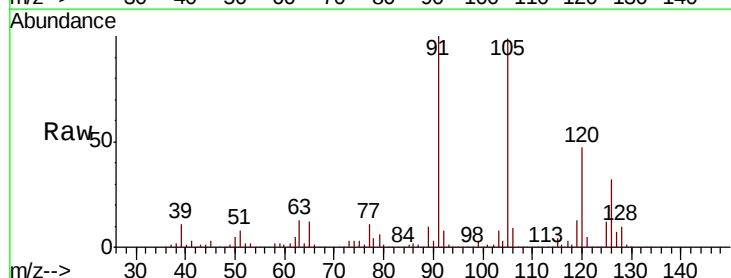
Acq: 15 Sep 2018 10:15

Tgt Ion: 91 Resp: 596978

Ion Ratio Lower Upper

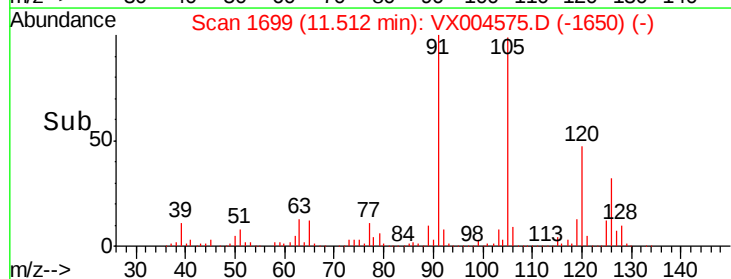
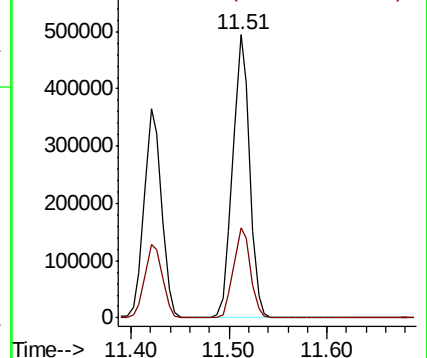
91 100

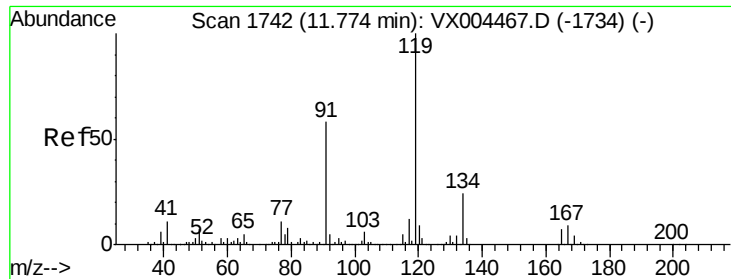
126 32.0 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

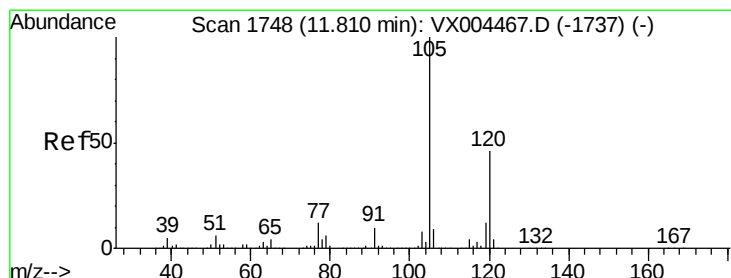
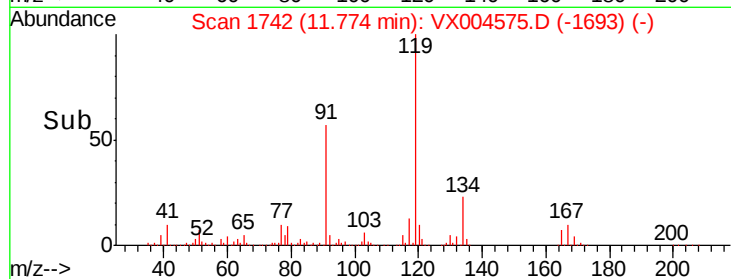
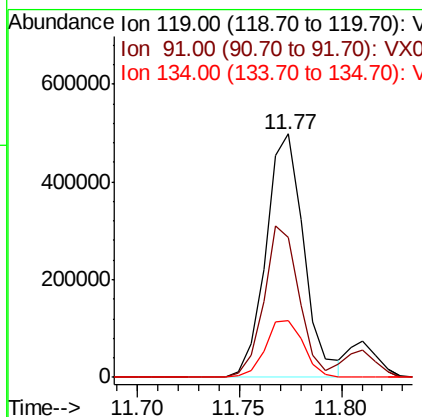
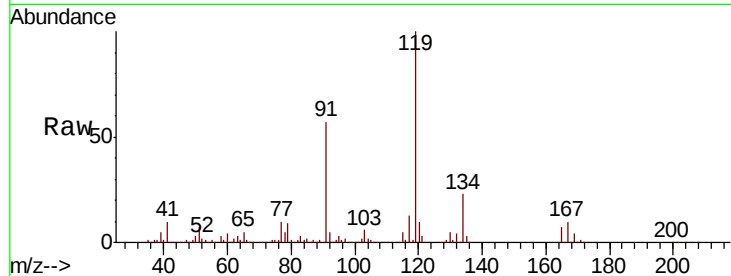




#83
 tert-Butylbenzene
 Concen: 56.86 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX004575.D
 Acq: 15 Sep 2018 10:15

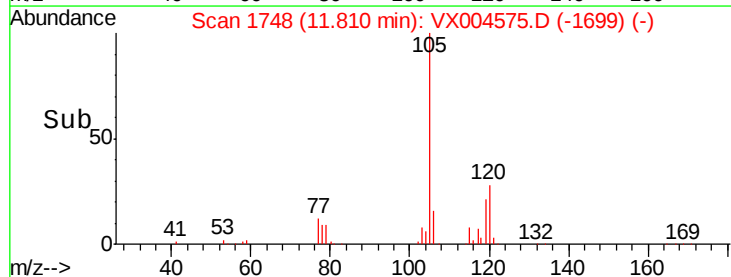
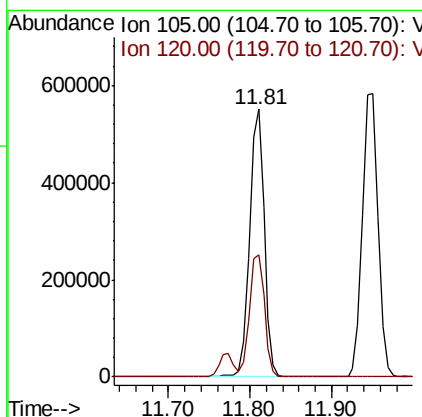
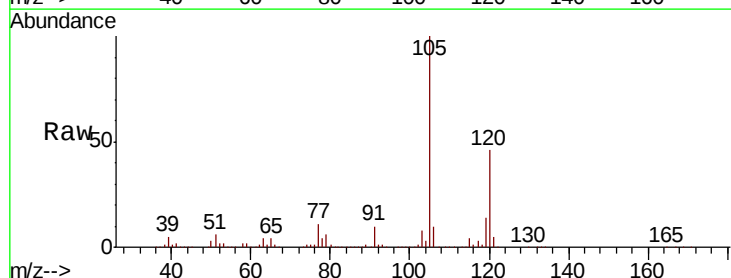
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

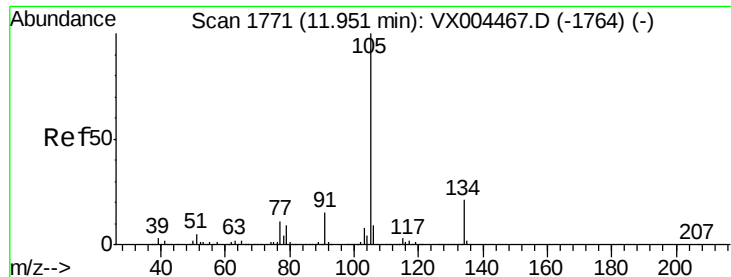
Tot Ion:119 Resp: 643714
 Ion Ratio Lower Upper
 119 100
 91 57.4 27.0 81.0
 134 23.6 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 56.78 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004575.D
 Acq: 15 Sep 2018 10:15

Tgt Ion:105 Resp: 689345
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 52.77 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. -0.00 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

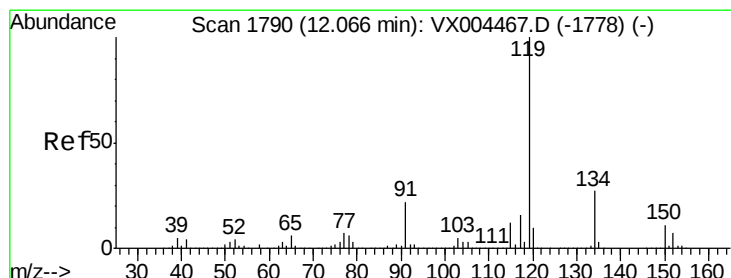
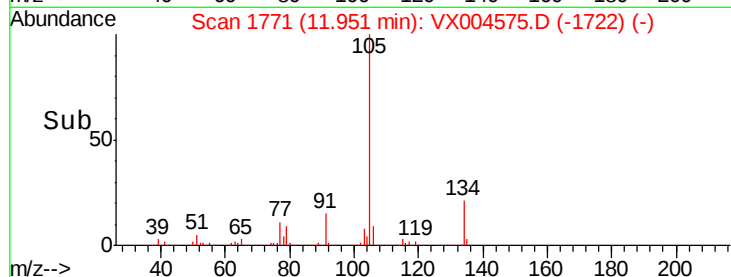
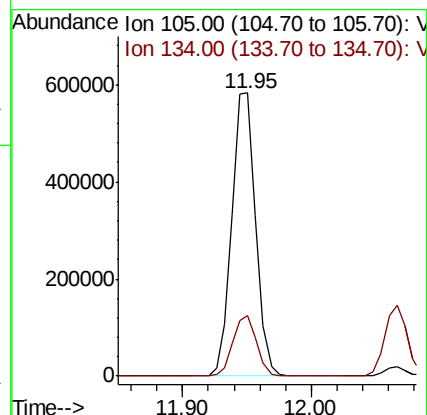
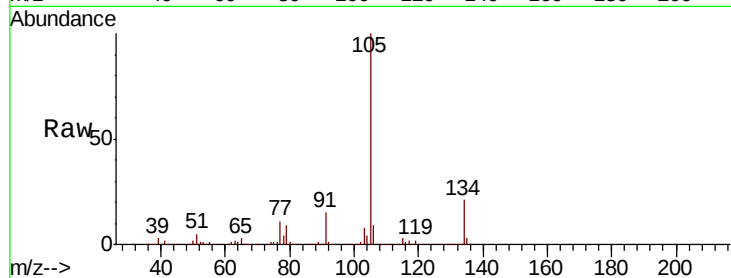
VSTDCCC050EC

Tot Ion:105 Resp: 761304

Ion Ratio Lower Upper

105 100

134 21.2 10.5 31.5



#86

p-Isopropyltoluene

Concen: 52.01 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

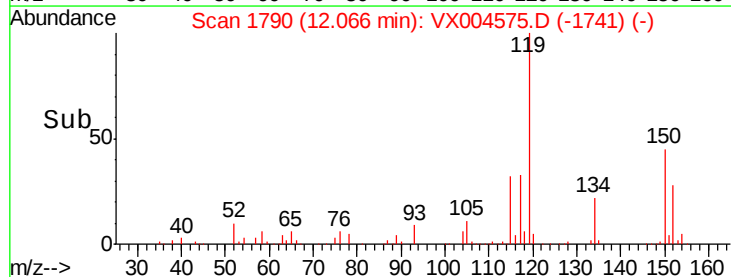
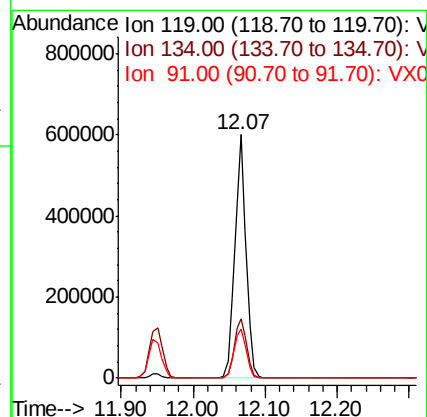
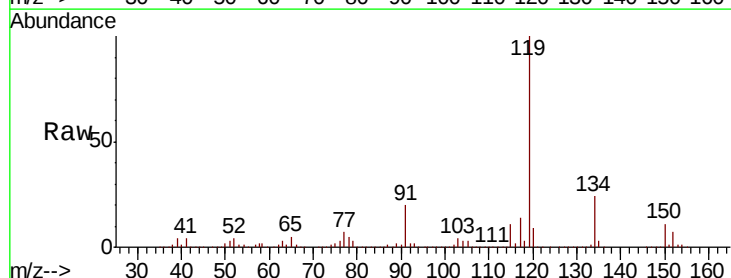
Tgt Ion:119 Resp: 662546

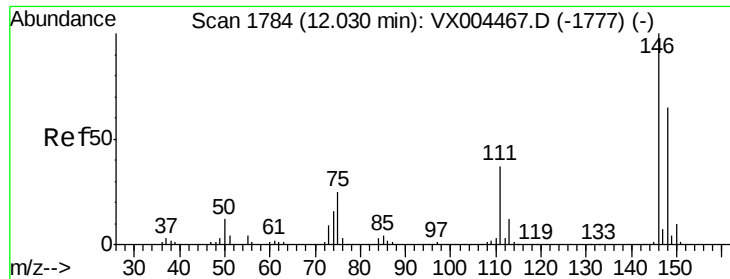
Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.2

91 22.2 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 50.16 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

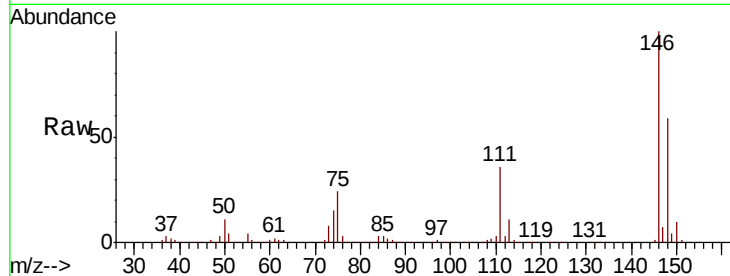
Tot Ion:146 Resp: 365906

Ion Ratio Lower Upper

146 100

111 36.3 18.7 56.1

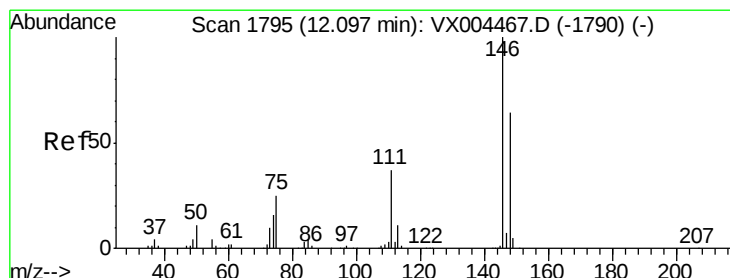
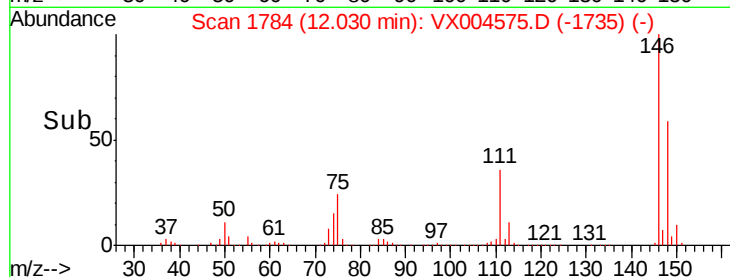
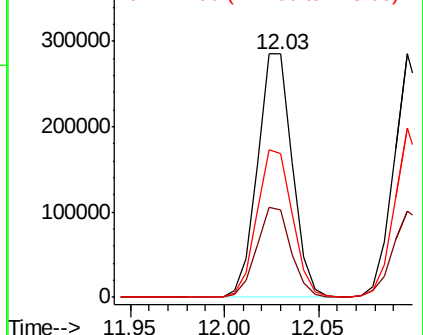
148 61.5 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 46.04 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

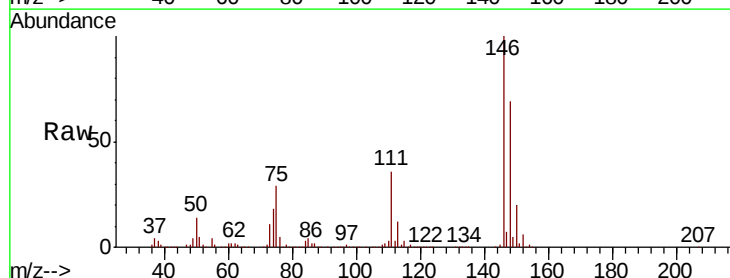
Tgt Ion:146 Resp: 347010

Ion Ratio Lower Upper

146 100

111 36.9 18.1 54.1

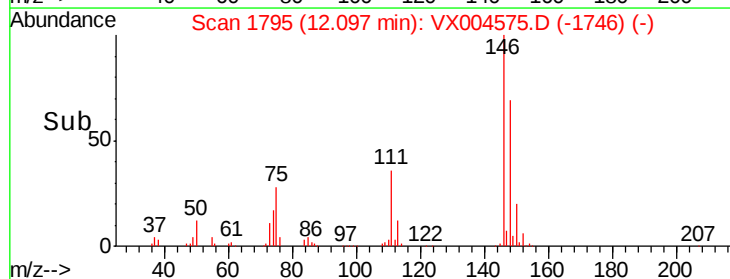
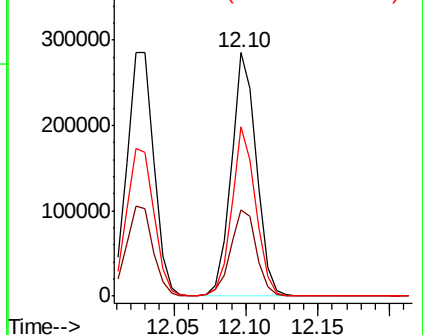
148 66.5 32.0 96.0

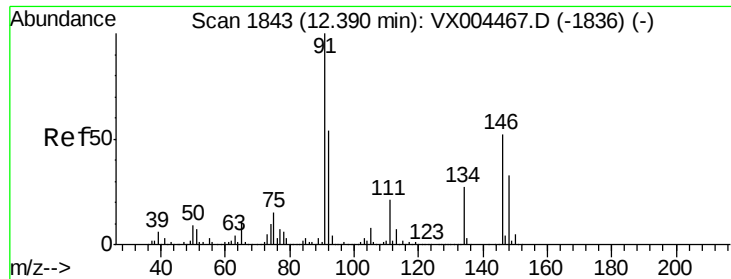


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

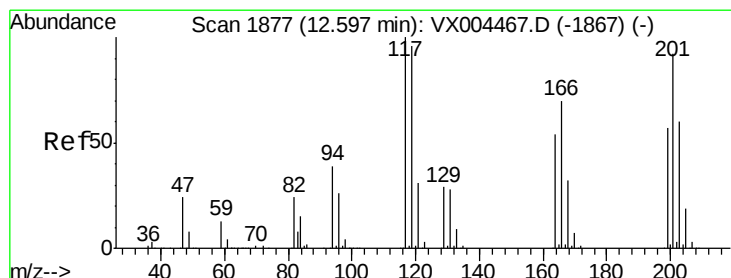
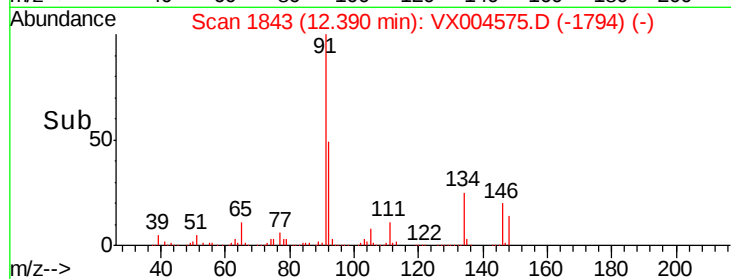
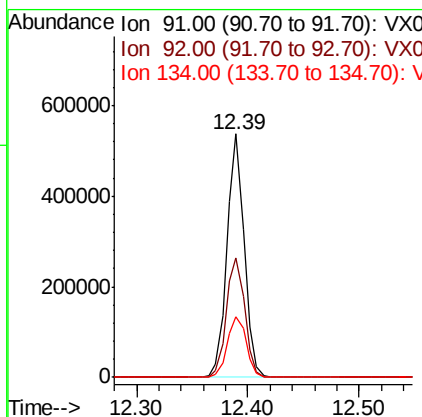
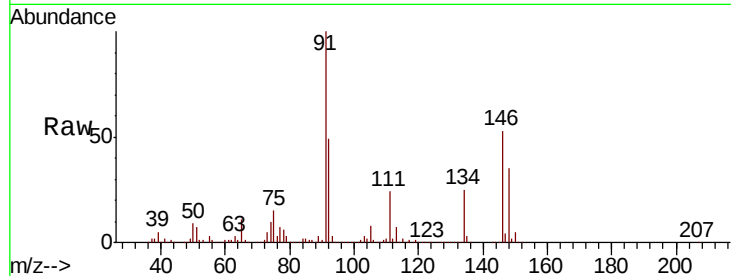




#89
n-Butylbenzene
Concen: 49.22 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004575.D
Acq: 15 Sep 2018 10:15

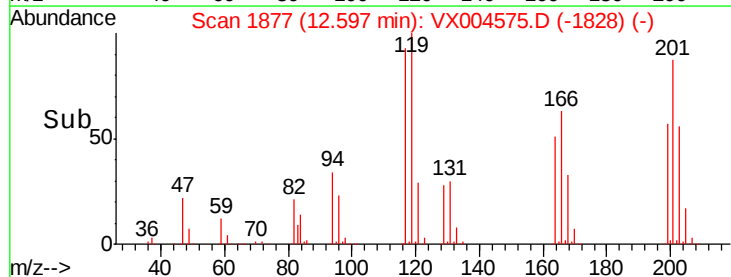
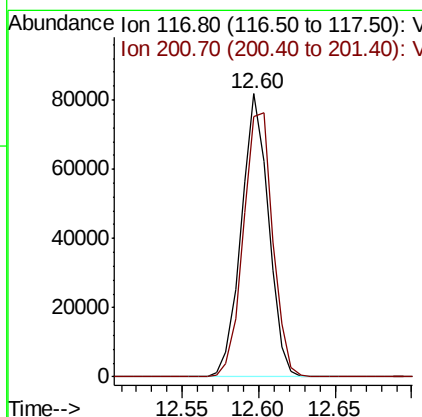
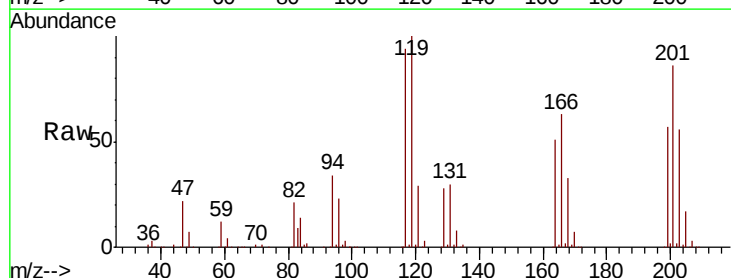
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

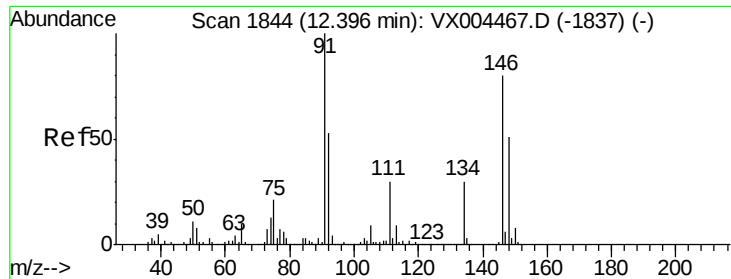
Tot Ion: 91 Resp: 571379
Ion Ratio Lower Upper
91 100
92 52.5 27.3 81.9
134 27.5 13.6 40.7



#90
Hexachloroethane
Concen: 49.49 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004575.D
Acq: 15 Sep 2018 10:15

Tgt Ion: 117 Resp: 100928
Ion Ratio Lower Upper
117 100
201 100.8 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 52.34 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

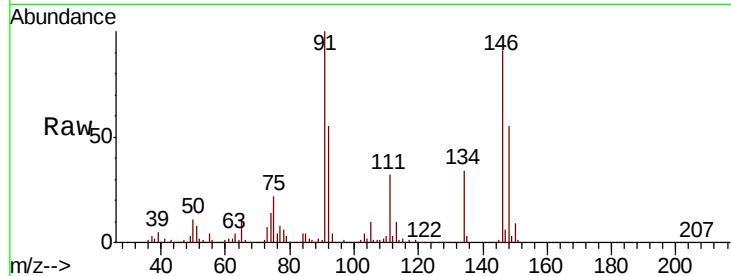
Tot Ion:146 Resp: 386421

Ion Ratio Lower Upper

146 100

111 38.1 19.4 58.1

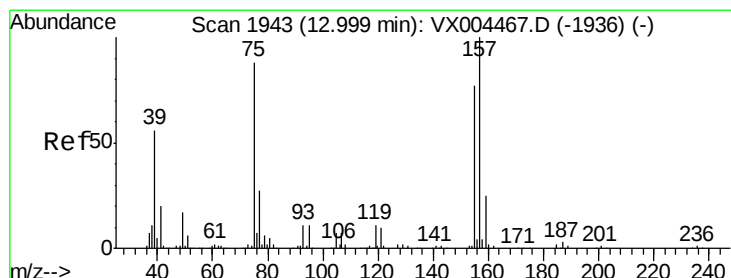
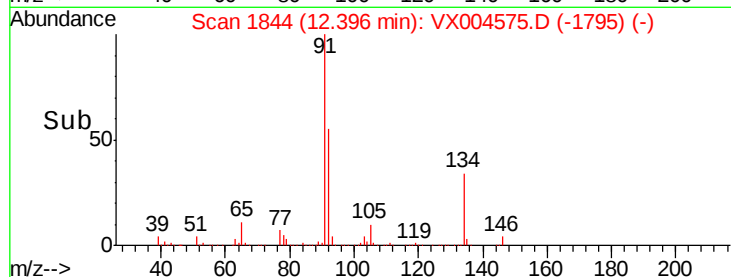
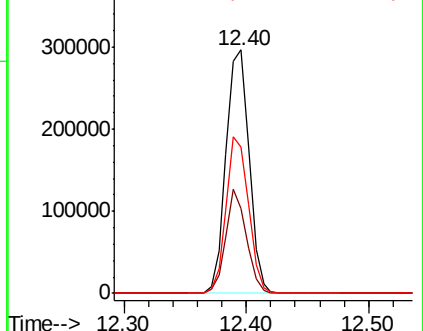
148 62.3 32.8 98.3



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: 55.82 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX004575.D

Acq: 15 Sep 2018 10:15

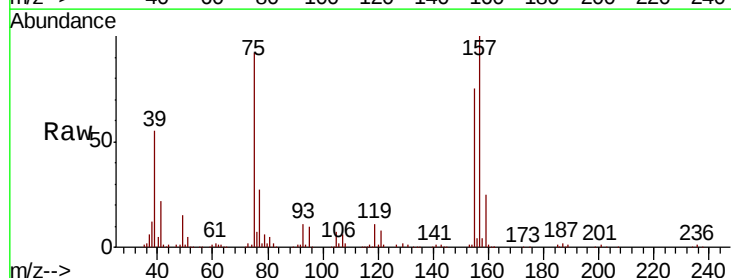
Tgt Ion: 75 Resp: 54381

Ion Ratio Lower Upper

75 100

155 96.7 48.0 144.2

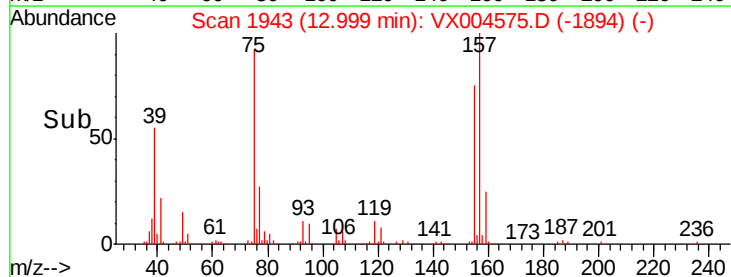
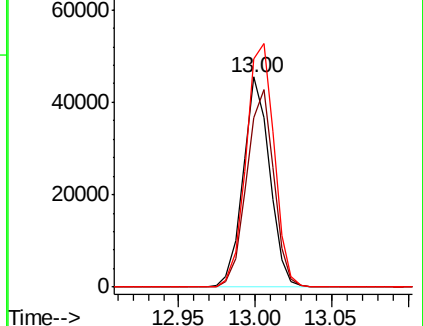
157 123.5 61.4 184.1

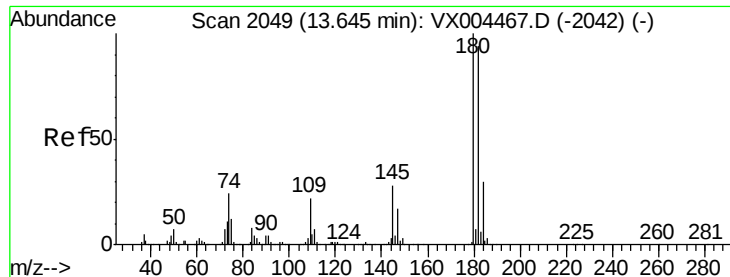


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

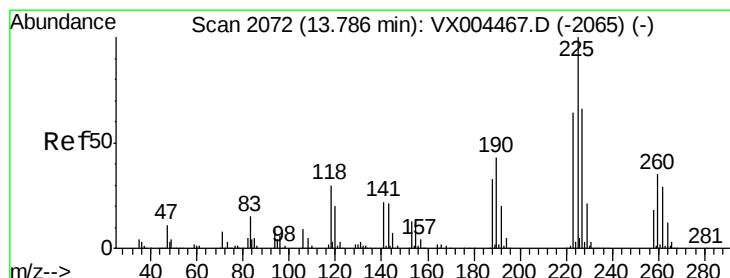
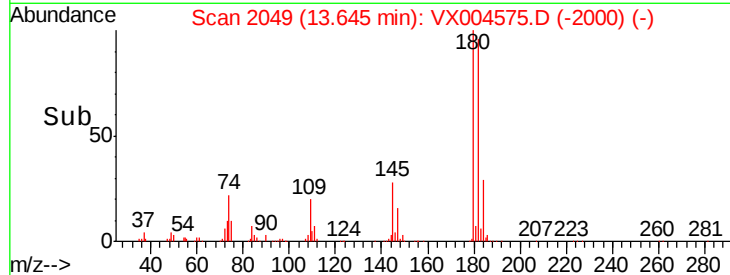
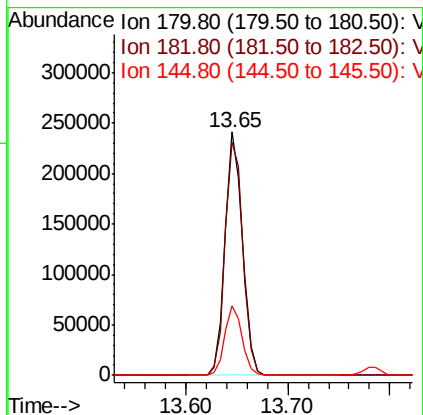
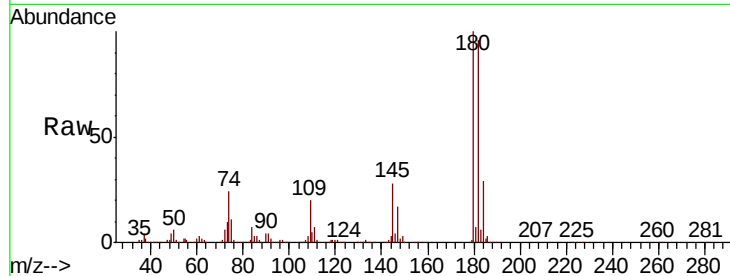




#93
 1,2,4-Trichlorobenzene
 Concen: 54.53 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004575.D
 Acq: 15 Sep 2018 10:15

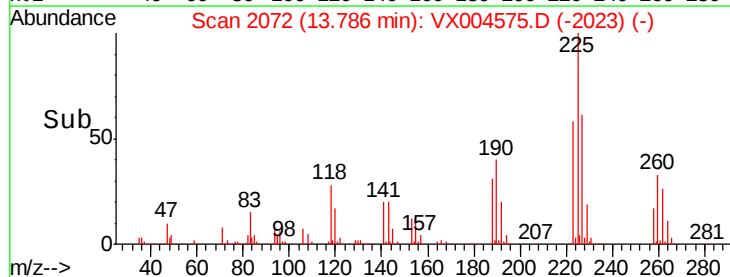
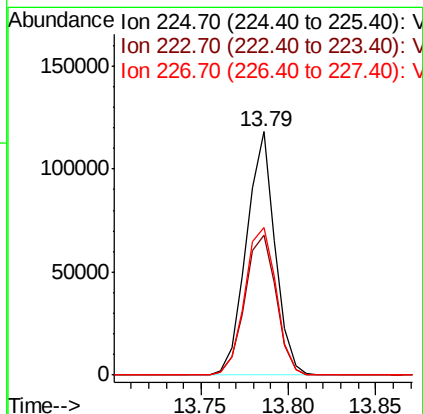
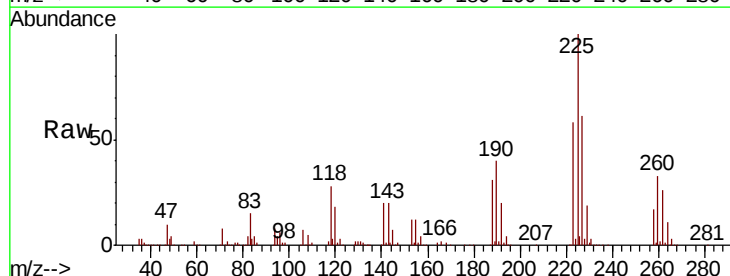
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

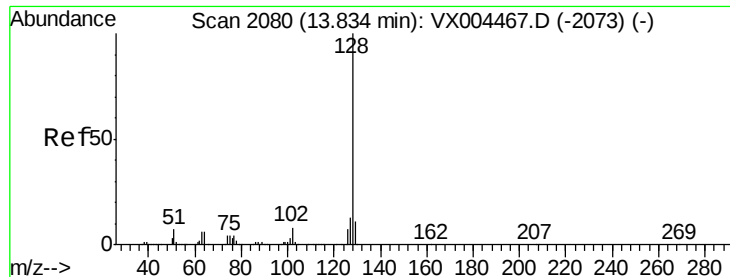
Tot Ion	Ratio	Lower	Upper
180	100		
182	98.1	48.4	145.0
145	28.4	14.3	42.9



#94
 Hexachlorobutadiene
 Concen: 49.01 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX004575.D
 Acq: 15 Sep 2018 10:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	30.1	90.5
227	66.8	30.8	92.4

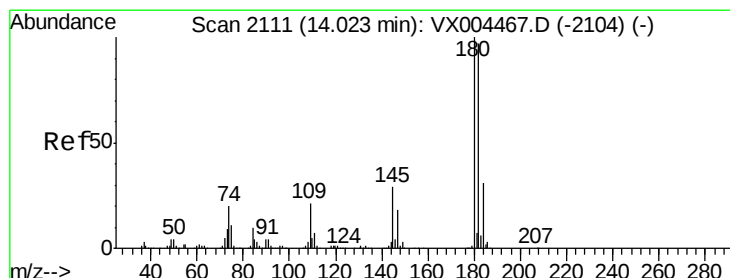
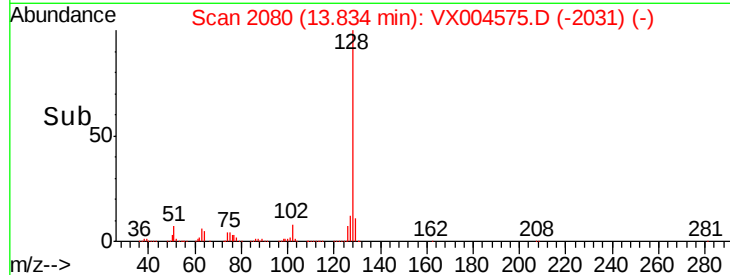
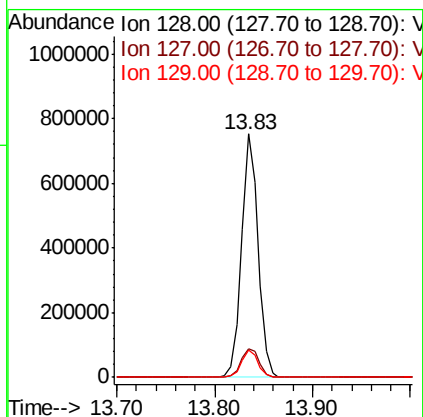
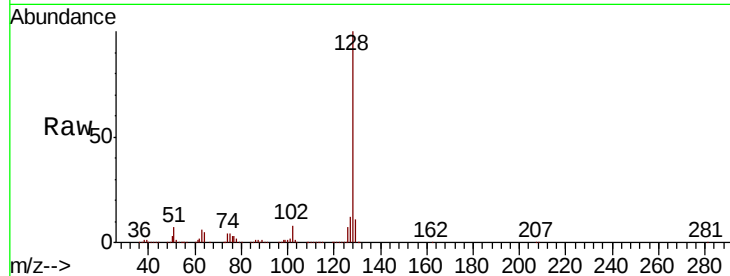




#95
Naphthalene
Concen: 59.75 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004575.D
Acq: 15 Sep 2018 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 876106
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 53.91 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX004575.D
Acq: 15 Sep 2018 10:15

Tgt Ion:180 Resp: 289566
Ion Ratio Lower Upper
180 100
182 96.0 48.5 145.6
145 30.5 14.9 44.9

