

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004951.D
 Acq On : 03 Oct 2018 07:06
 Operator : JC/MD
 Sample : VX1003WBS02
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003MBS01

Quant Time: Oct 03 08:37:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	235218	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	330771	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	314512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	188469	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	173396	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
35) Dibromofluoromethane	5.50	113	138027	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
50) Toluene-d8	8.71	98	493939	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
62) 4-Bromofluorobenzene	11.14	95	176879	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	77717	24.233	ug/l	94
3) Chloromethane	1.32	50	83015	21.335	ug/l	93
4) Vinyl Chloride	1.41	62	80368	22.022	ug/l	98
5) Bromomethane	1.64	94	40578	18.751	ug/l	99
6) Chloroethane	1.72	64	44142	20.837	ug/l	100
7) Trichlorofluoromethane	1.93	101	98811	21.871	ug/l	90
8) Diethyl Ether	2.19	74	41586	21.188	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53364	20.736	ug/l	99
10) Methyl Iodide	2.51	142	43533	12.641	ug/l	91
11) Tert butyl alcohol	3.07	59	104364	111.083	ug/l	98
12) 1,1-Dichloroethene	2.37	96	51453	20.188	ug/l	87
13) Acrolein	2.29	56	24390	36.487	ug/l	93
14) Allyl chloride	2.73	41	108418	19.496	ug/l	94
15) Acrylonitrile	3.15	53	220716	106.718	ug/l	97
16) Acetone	2.45	43	206197	105.112	ug/l	99
17) Carbon Disulfide	2.57	76	141812	18.517	ug/l	95
18) Methyl Acetate	2.78	43	117973	23.736	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	199880	22.736	ug/l	92
20) Methylene Chloride	2.85	84	63432	21.766	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	55523	19.901	ug/l #	75
22) Diisopropyl ether	3.86	45	204882	21.879	ug/l #	79
23) Vinyl Acetate	3.82	43	942822	109.994	ug/l #	94
24) 1,1-Dichloroethane	3.70	63	116037	20.773	ug/l	98
25) 2-Butanone	4.70	43	297594	102.917	ug/l	96
26) 2,2-Dichloropropane	4.58	77	46607	11.982	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	62625	20.093	ug/l	98
28) Bromochloromethane	5.02	49	56122	21.336	ug/l	95
29) Tetrahydrofuran	5.16	42	199525	111.018	ug/l	96
30) Chloroform	5.21	83	108558	20.563	ug/l	98
31) Cyclohexane	5.59	56	95988	22.452	ug/l #	73
32) 1,1,1-Trichloroethane	5.50	97	96464	22.374	ug/l	94
36) 1,1-Dichloropropene	5.79	75	77175	20.178	ug/l	93
37) Ethyl Acetate	4.85	43	110731	21.810	ug/l	97
38) Carbon Tetrachloride	5.77	117	79711	19.826	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	77499	19.843	ug/l	86
40) Benzene	6.14	78	241313	20.153	ug/l	93
41) Methacrylonitrile	5.06	41	58840	20.898	ug/l	98
42) 1,2-Dichloroethane	6.20	62	87821	20.747	ug/l	97
43) Isopropyl Acetate	6.46	43	148505	20.266	ug/l	95
44) Trichloroethene	7.21	130	59287	20.141	ug/l	96
45) 1,2-Dichloropropane	7.52	63	61392	20.907	ug/l	97
46) Dibromomethane	7.66	93	39499	21.404	ug/l	98
47) Bromodichloromethane	7.90	83	74025	21.424	ug/l	99
48) Methyl methacrylate	7.78	41	73758	22.176	ug/l	99
49) 1,4-Dioxane	7.75	88	34915	422.538	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	521242	112.970	ug/l	98
52) Toluene	8.79	92	137442	20.889	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	72930	18.679	ug/l	94
54) cis-1,3-Dichloropropene	8.44	75	82111	20.078	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	59279	20.568	ug/l	95
56) Ethyl methacrylate	9.18	69	86677	20.334	ug/l	98
57) 1,3-Dichloropropane	9.37	76	98525	20.540	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	241764	106.051	ug/l	100
59) 2-Hexanone	9.50	43	405707	105.518	ug/l	94
60) Dibromochloromethane	9.59	129	58261	20.213	ug/l	100
61) 1,2-Dibromoethane	9.67	107	60963	19.751	ug/l	96
64) Tetrachloroethene	9.34	164	64447	20.820	ug/l	98
65) Chlorobenzene	10.14	112	155525	19.284	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	55804	19.682	ug/l	99
67) Ethyl Benzene	10.26	91	254499	19.876	ug/l	96
68) m/p-Xylenes	10.36	106	199459	39.864	ug/l	95
69) o-Xylene	10.70	106	96450	20.987	ug/l	99
70) Styrene	10.71	104	163313	20.327	ug/l	100
71) Bromoform	10.86	173	47031	19.375	ug/l #	96
73) Isopropylbenzene	11.02	105	257520	21.678	ug/l	100
74) N-amyl acetate	10.90	43	122450	19.846	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	93744	19.386	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	102779	24.331	ug/l	86
77) Bromobenzene	11.26	156	71865	20.828	ug/l	99
78) n-propylbenzene	11.36	91	295790	21.701	ug/l	99
79) 2-Chlorotoluene	11.42	91	178758	21.040	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	218884	19.985	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	20608	14.764	ug/l	96
82) 4-Chlorotoluene	11.51	91	213638	21.363	ug/l	98
83) tert-Butylbenzene	11.77	119	209123	21.381	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	227836	20.173	ug/l	99
85) sec-Butylbenzene	11.94	105	256195	21.505	ug/l	100
86) p-Isopropyltoluene	12.07	119	229749	21.286	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	128981	20.019	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	131704	19.802	ug/l	99
89) n-Butylbenzene	12.39	91	192615	19.650	ug/l	99
90) Hexachloroethane	12.60	117	34976	19.463	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	131399	19.515	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21884	20.611	ug/l	97

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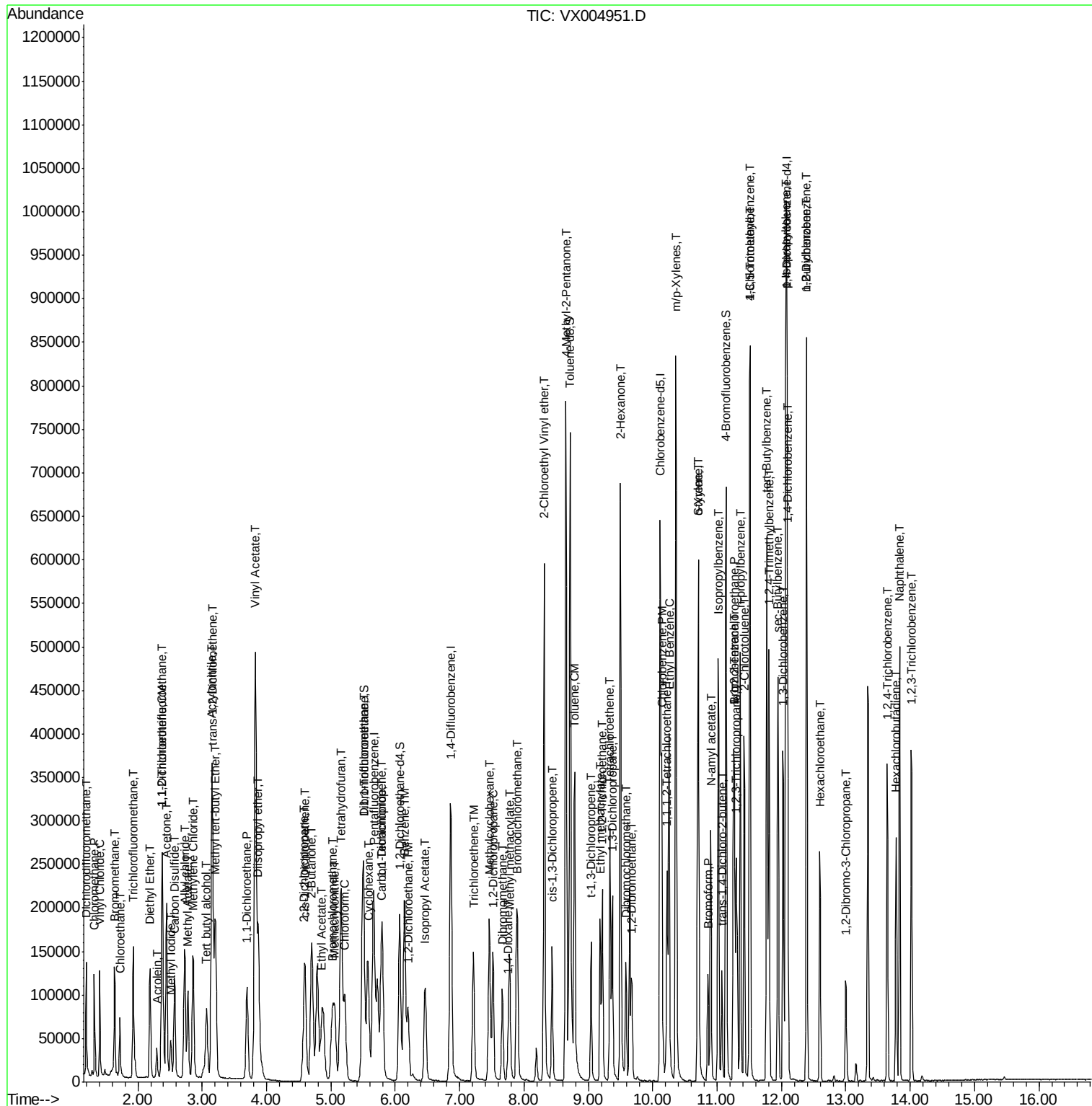
Instrument :
MSVOA_X
ClientSampleId :
VX1003MBS01

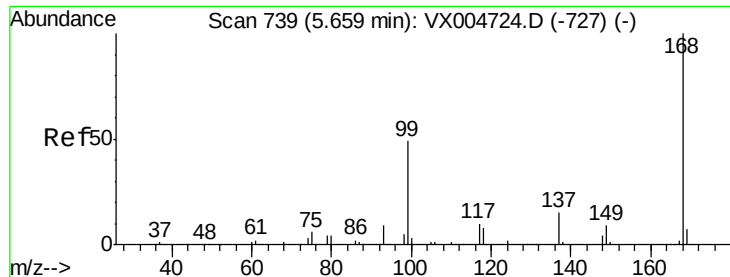
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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	92781	19.643	ug/l	99
94) Hexachlorobutadiene	13.79	225	46252	18.884	ug/l	99
95) Naphthalene	13.83	128	292339	19.099	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	97769	20.038	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

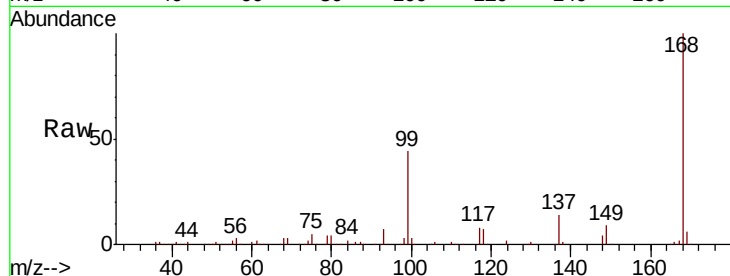
VX1003MBS01

Tot Ion:168 Resp: 235218

Ion Ratio Lower Upper

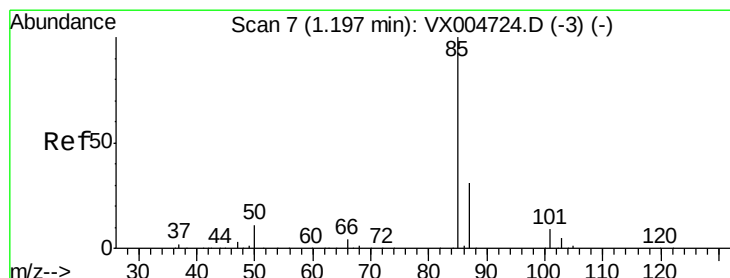
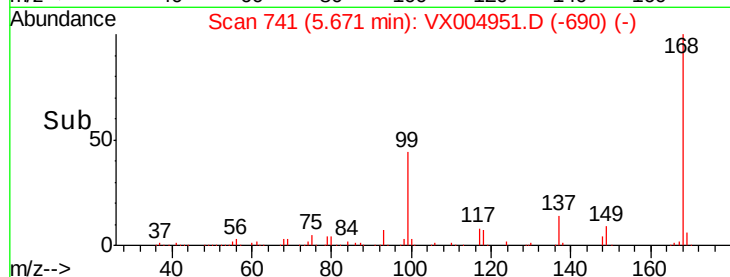
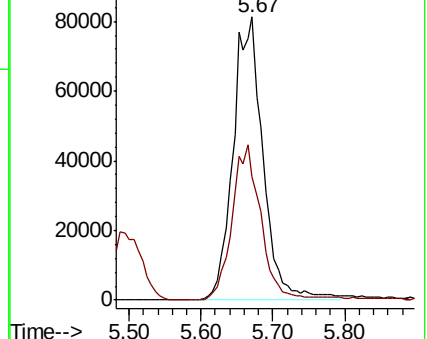
168 100

99 43.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 24.233 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004951.D

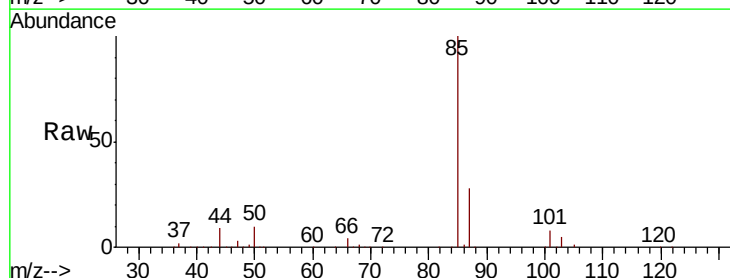
Acq: 03 Oct 2018 07:06

Tgt Ion: 85 Resp: 77717

Ion Ratio Lower Upper

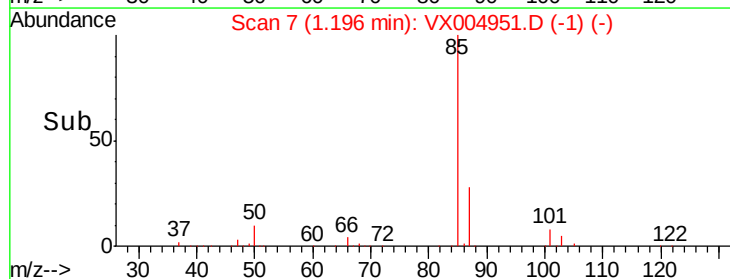
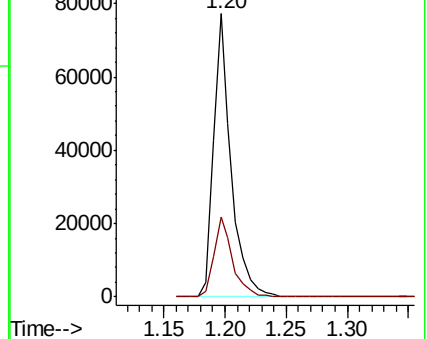
85 100

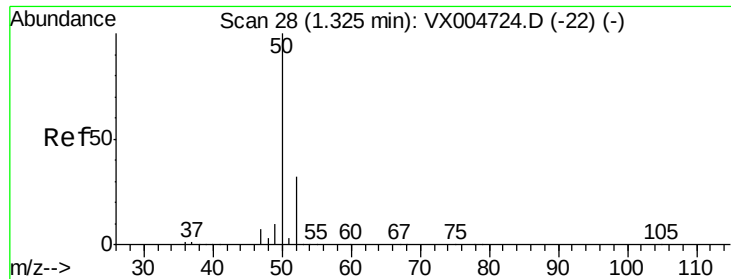
87 28.2 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 21.335 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

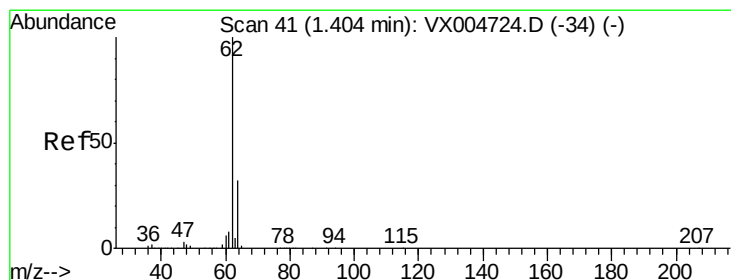
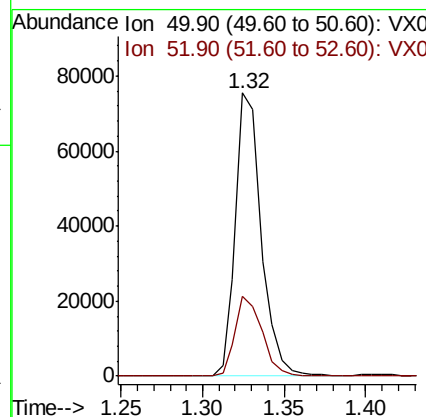
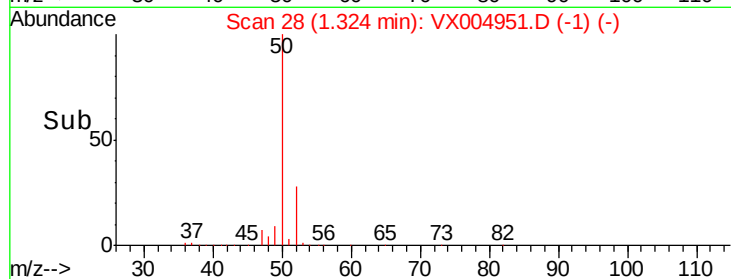
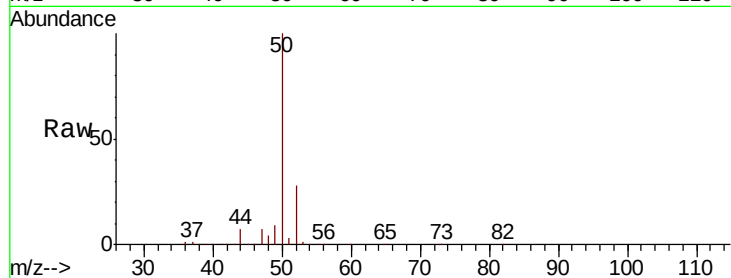
VX1003MBS01

Tot Ion: 50 Resp: 83015

Ion Ratio Lower Upper

50 100

52 28.2 25.8 38.6



#4

Vinyl Chloride

Concen: 22.022 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX004951.D

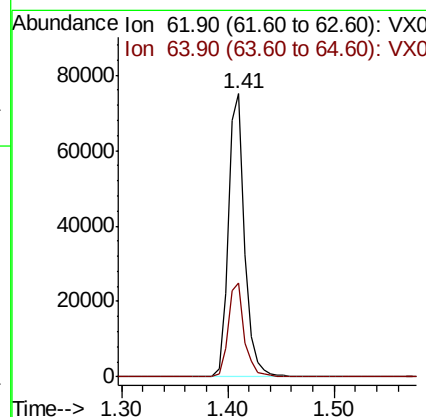
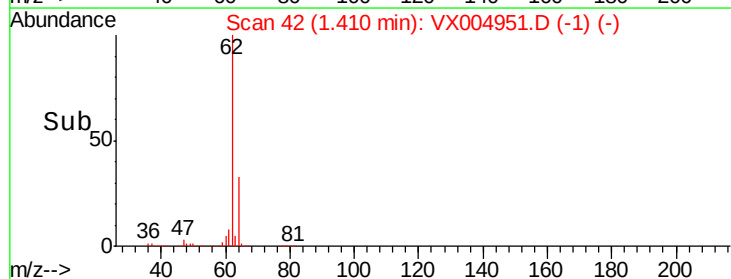
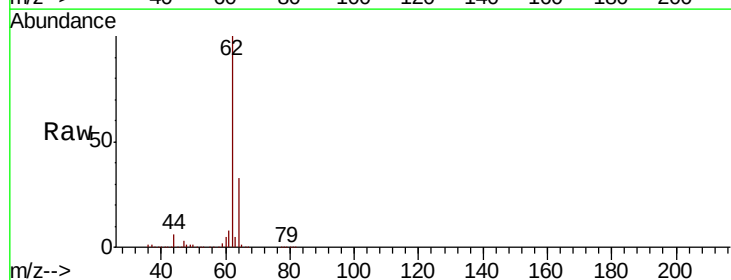
Acq: 03 Oct 2018 07:06

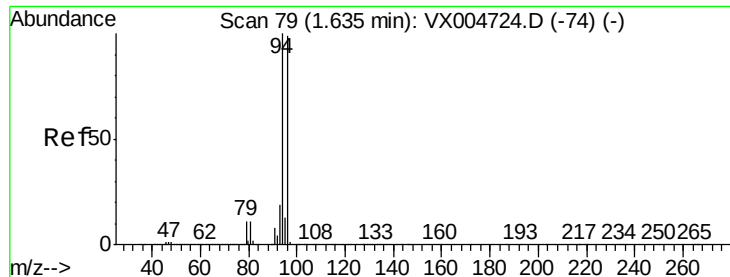
Tgt Ion: 62 Resp: 80368

Ion Ratio Lower Upper

62 100

64 33.3 25.5 38.3





#5

Bromomethane

Concen: 18.751 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

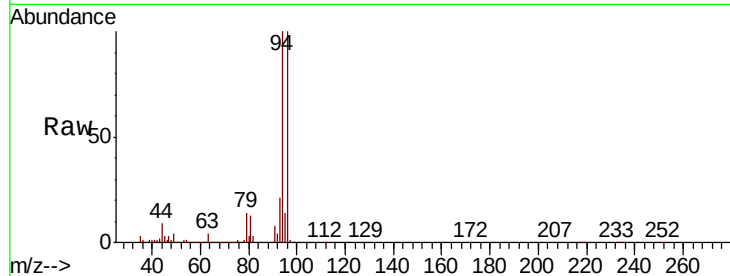
VX1003MBS01

Tot Ion: 94 Resp: 40578

Ion Ratio Lower Upper

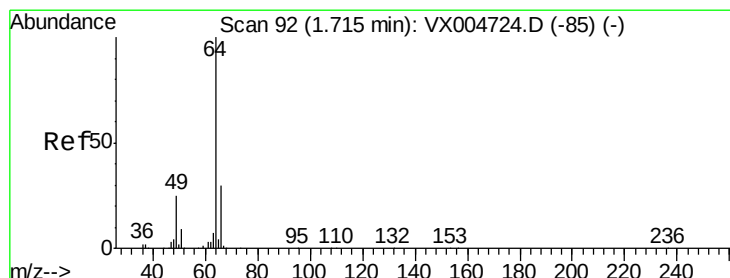
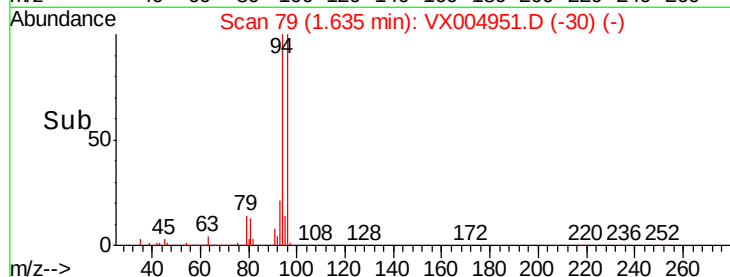
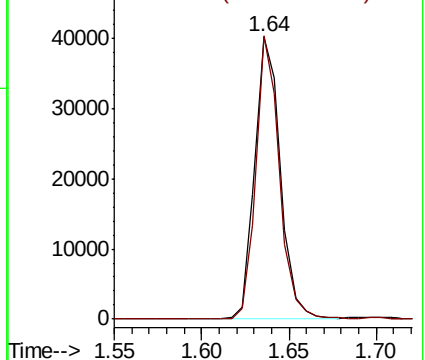
94 100

96 100.3 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.837 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004951.D

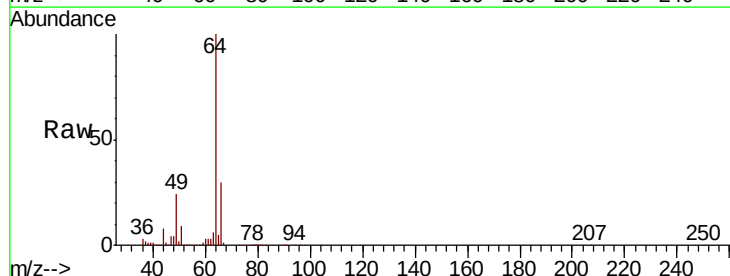
Acq: 03 Oct 2018 07:06

Tgt Ion: 64 Resp: 44142

Ion Ratio Lower Upper

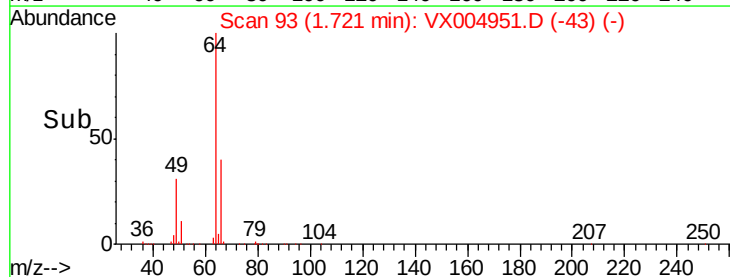
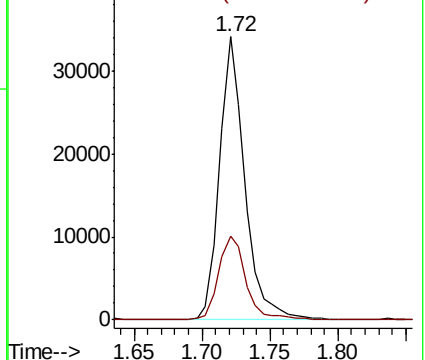
64 100

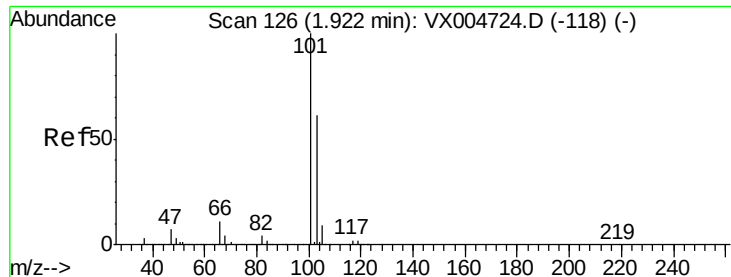
66 29.8 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



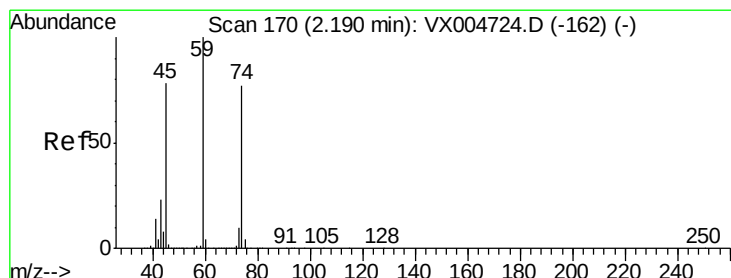
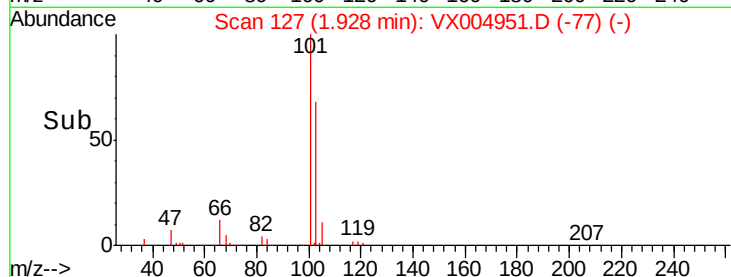
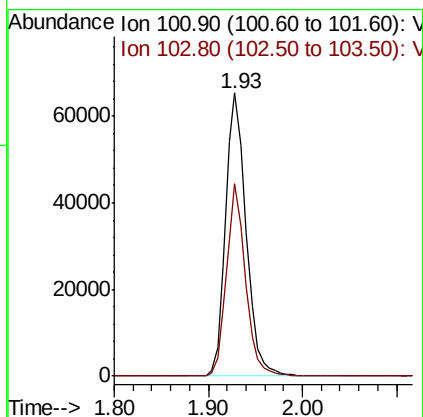
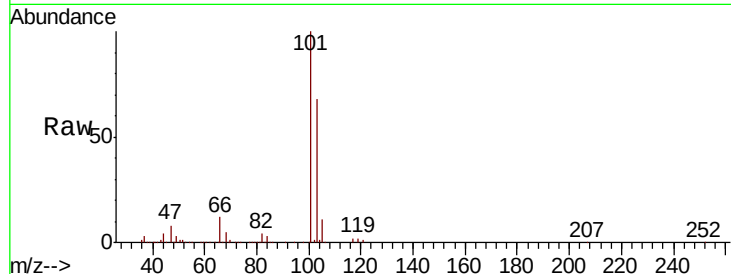


#7

Trichlorofluoromethane
 Concen: 21.871 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX004951.D
 Acq: 03 Oct 2018 07:06

Instrument :
 MSVOA_X
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 VX1003MBS01

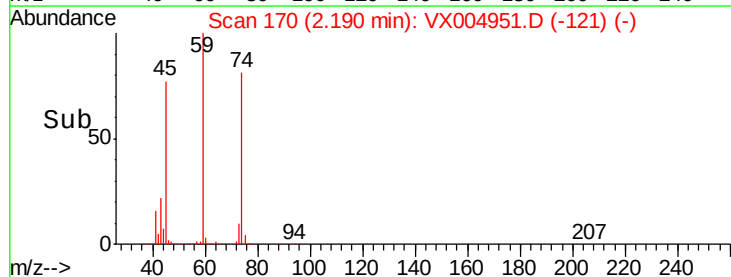
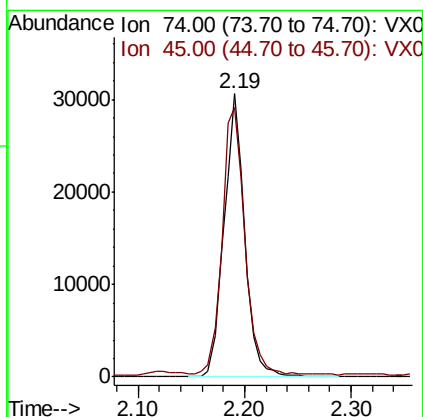
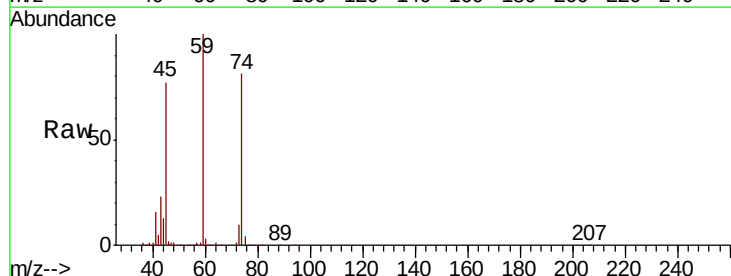
Tot Ion:101 Resp: 98811
 Ion Ratio Lower Upper
 101 100
 103 68.1 48.4 72.6

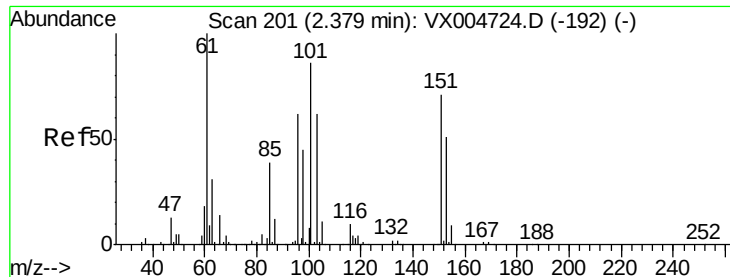


#8

Diethyl Ether
 Concen: 21.188 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX004951.D
 Acq: 03 Oct 2018 07:06

Tgt Ion: 74 Resp: 41586
 Ion Ratio Lower Upper
 74 100
 45 102.7 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.736 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VX1003MBS01

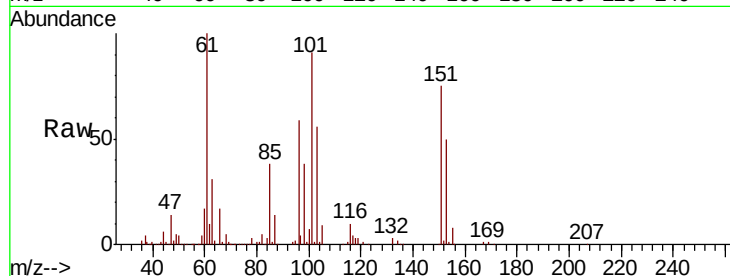
Tot Ion:101 Resp: 53364

Ion Ratio Lower Upper

101 100

85 44.6 35.9 53.9

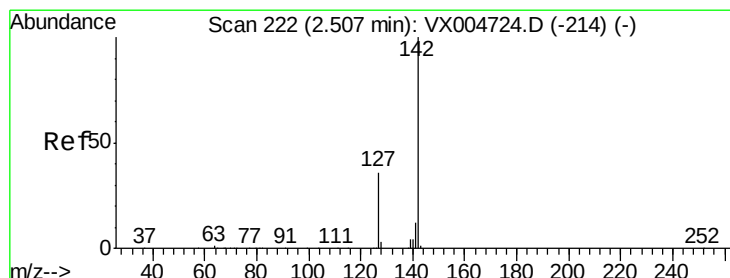
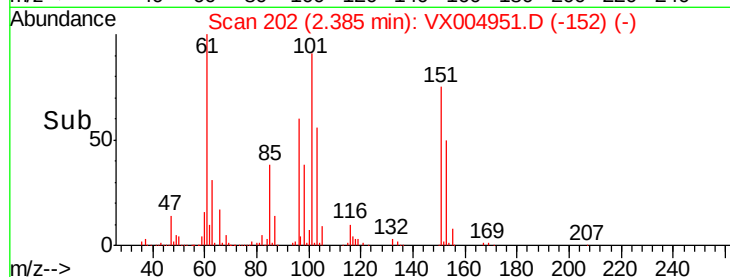
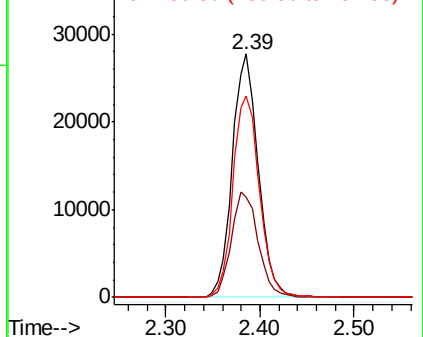
151 84.3 66.6 100.0



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: 12.641 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

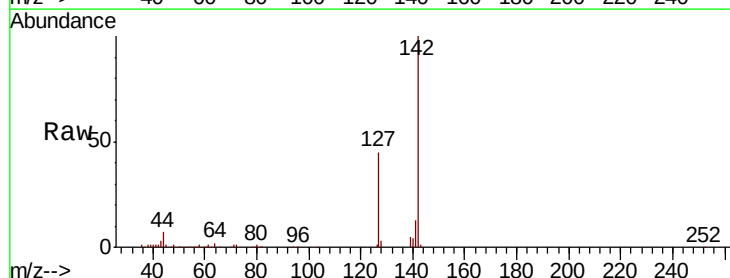
Tgt Ion:142 Resp: 43533

Ion Ratio Lower Upper

142 100

127 43.9 30.1 45.1

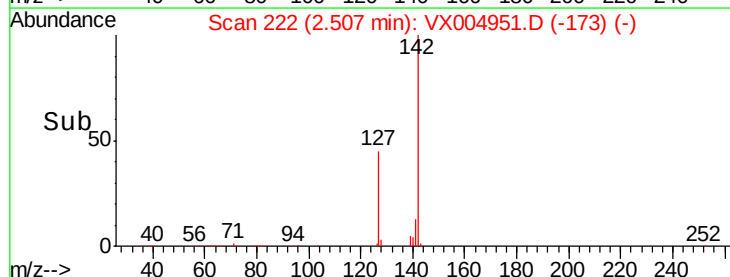
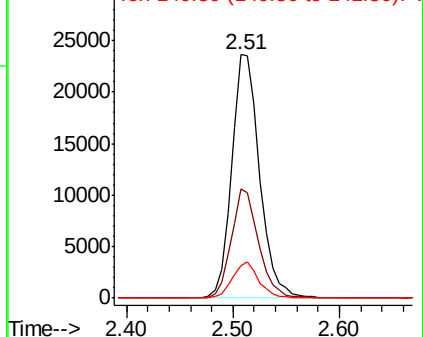
141 14.0 10.1 15.1

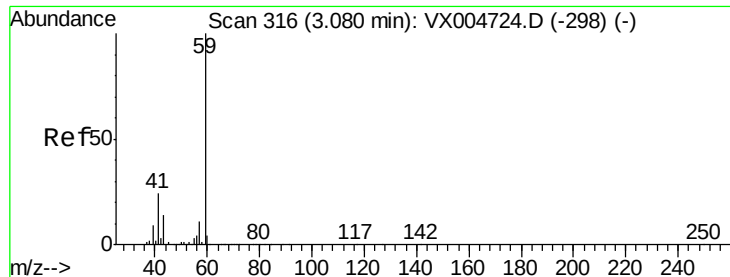


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



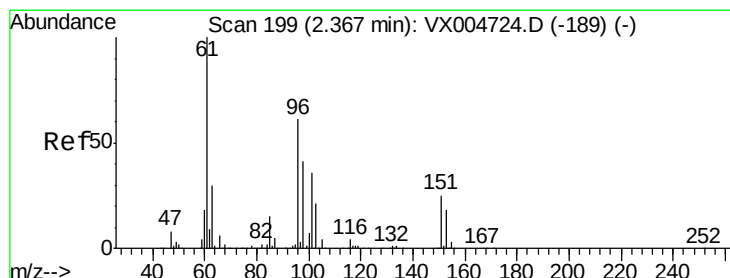
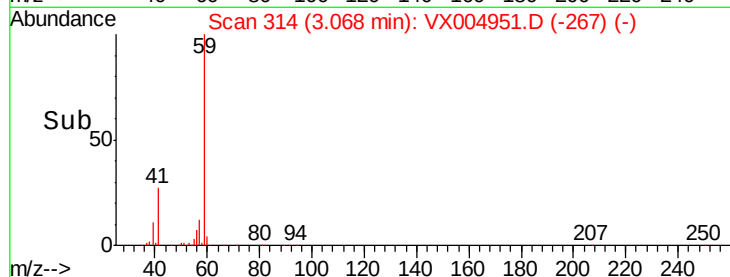
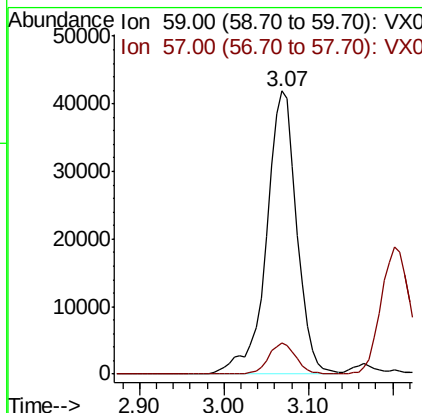
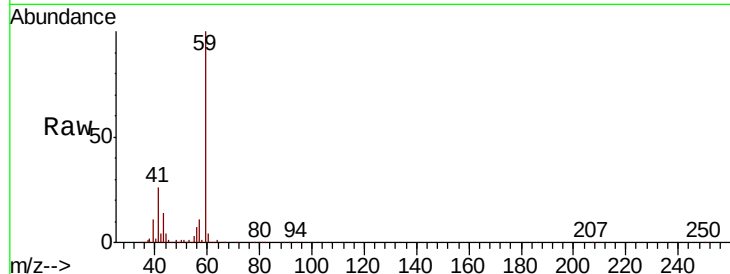


#11

Tert butyl alcohol
 Concen: 111.083 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX004951.D
 Acq: 03 Oct 2018 07:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003MBS01

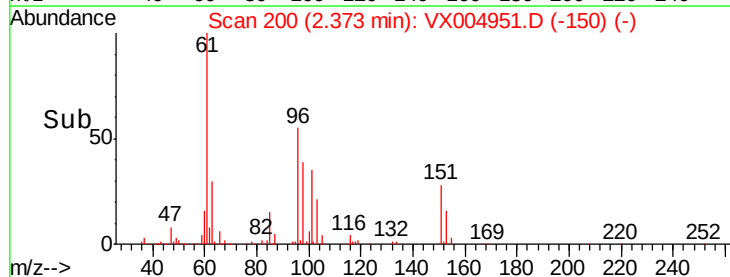
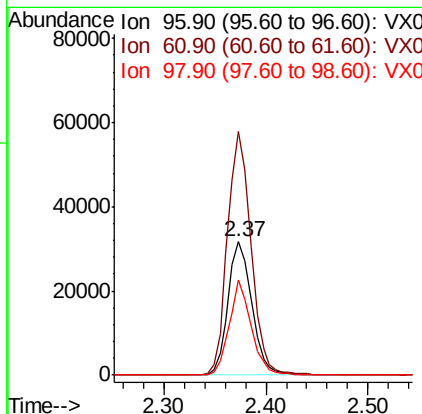
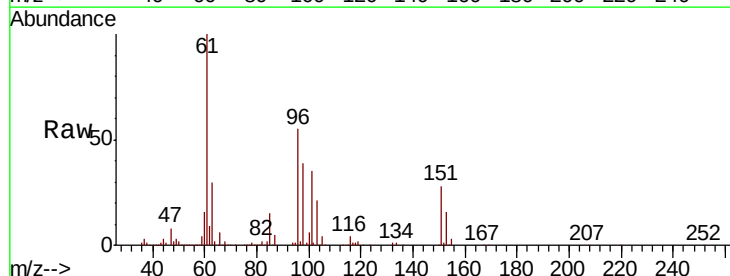
Tot Ion: 59 Resp: 104364
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.6 12.8

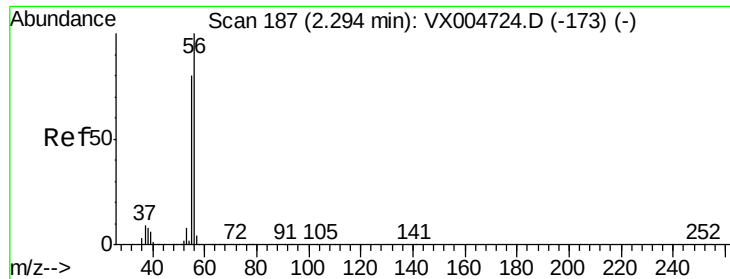


#12

1,1-Dichloroethene
 Concen: 20.188 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX004951.D
 Acq: 03 Oct 2018 07:06

Tgt Ion: 96 Resp: 51453
 Ion Ratio Lower Upper
 96 100
 61 183.1 130.2 195.4
 98 71.7 53.4 80.0





#13

Acrolein

Concen: 36.487 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

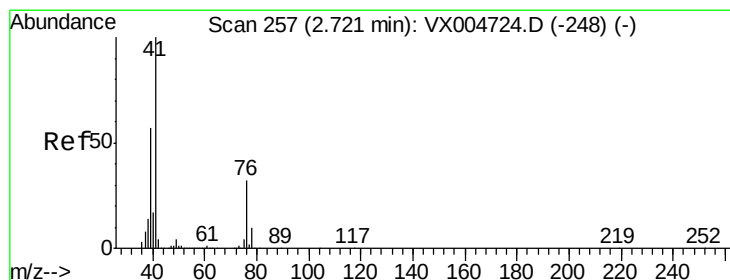
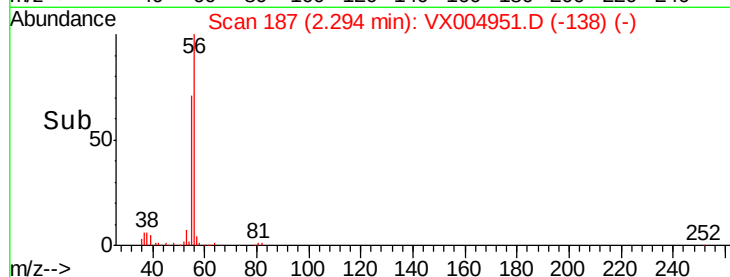
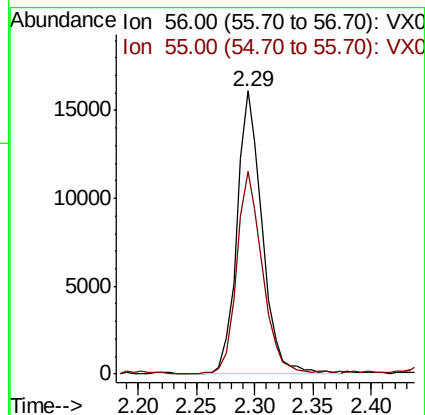
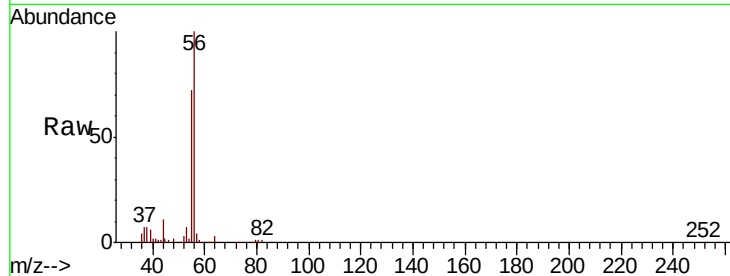
VX1003MBS01

Tot Ion: 56 Resp: 24390

Ion Ratio Lower Upper

56 100

55 73.2 63.4 95.2



#14

Allyl chloride

Concen: 19.496 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

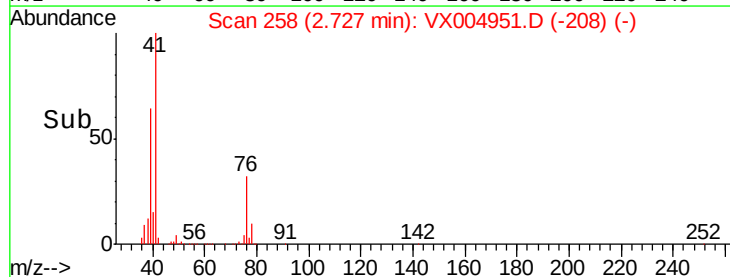
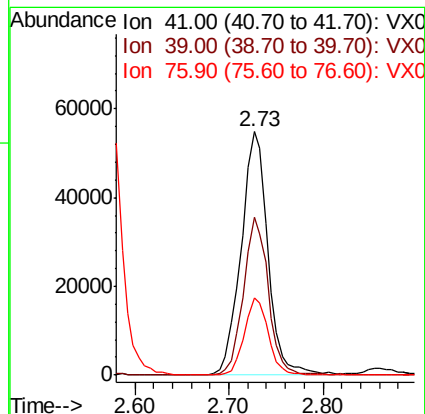
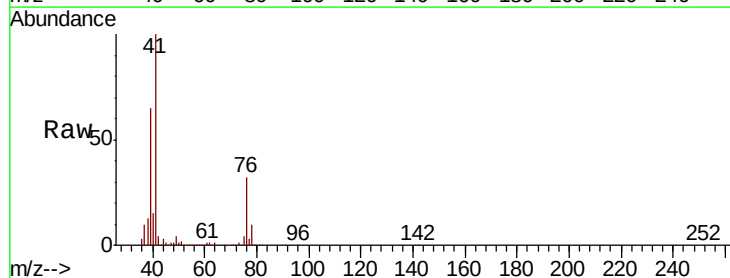
Tgt Ion: 41 Resp: 108418

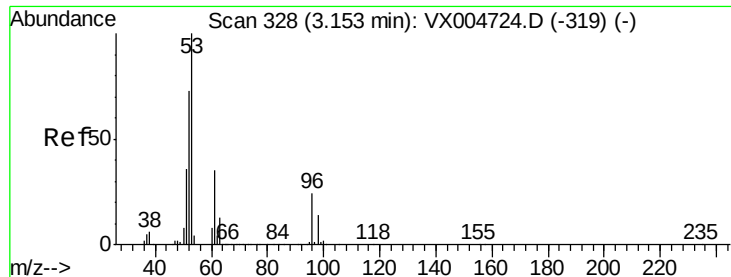
Ion Ratio Lower Upper

41 100

39 60.0 44.1 66.1

76 28.8 25.0 37.4





#15

Acrylonitrile

Concen: 106.718 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

Instrument :

MSVOA_X

ClientSampled :

VX1003MBS01

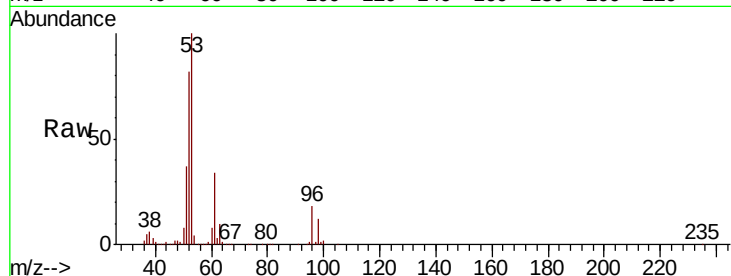
Tot Ion: 53 Resp: 220716

Ion Ratio Lower Upper

53 100

52 81.2 63.0 94.4

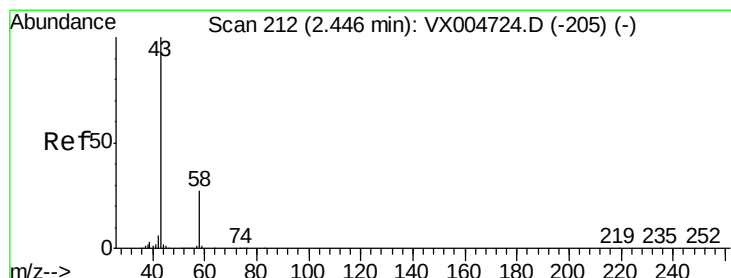
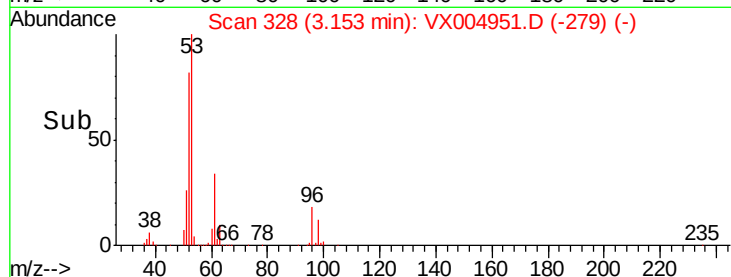
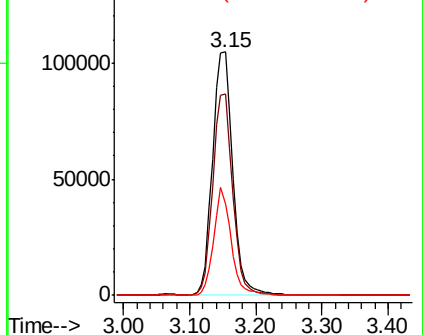
51 37.4 28.6 42.8



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: 105.112 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004951.D

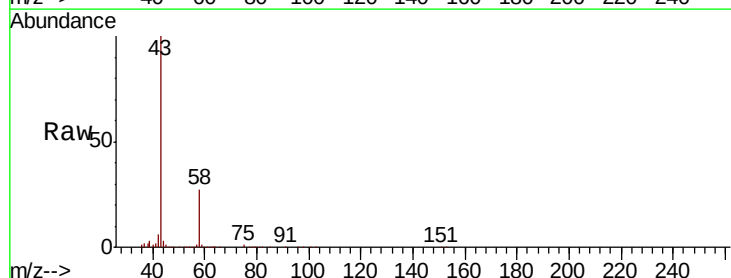
Acq: 03 Oct 2018 07:06

Tgt Ion: 43 Resp: 206197

Ion Ratio Lower Upper

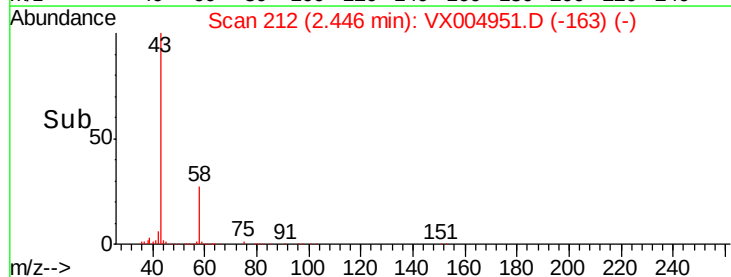
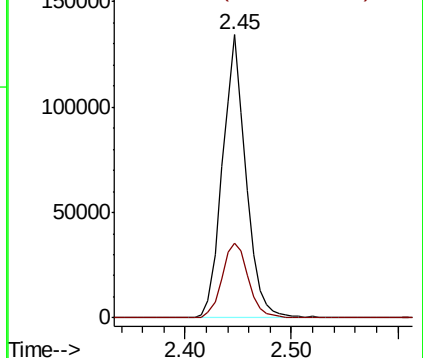
43 100

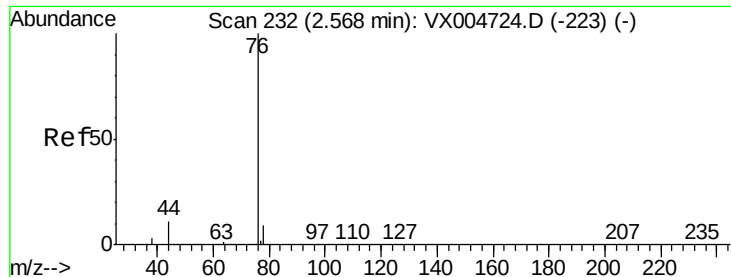
58 26.6 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.517 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

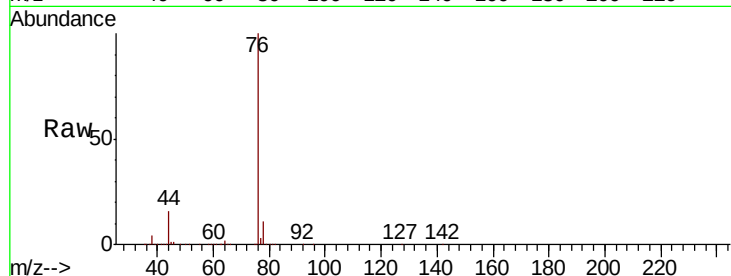
VX1003MBS01

Tot Ion: 76 Resp: 141812

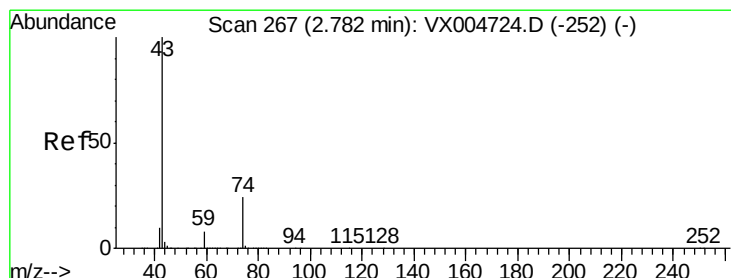
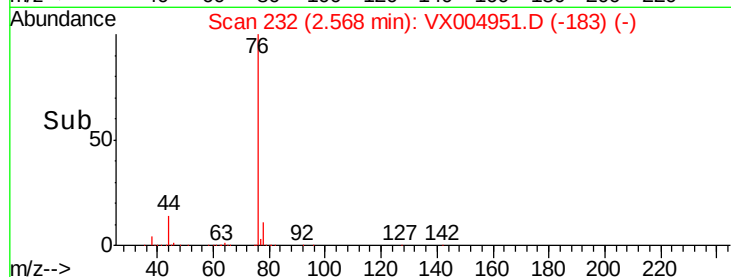
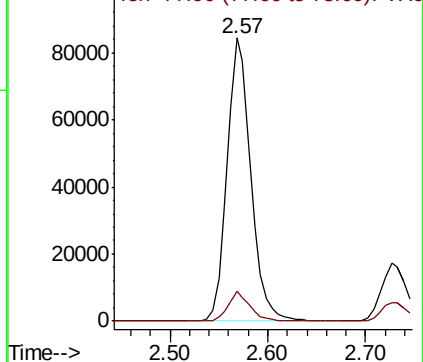
Ion Ratio Lower Upper

76 100

78 10.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 23.736 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX004951.D

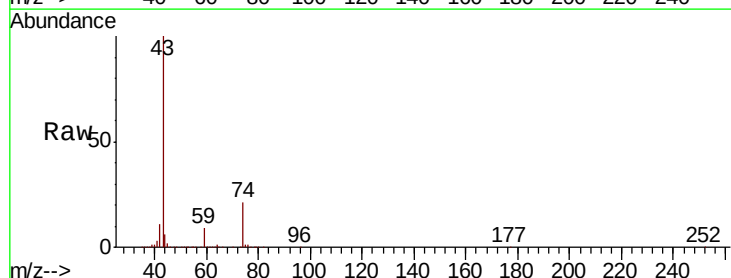
Acq: 03 Oct 2018 07:06

Tgt Ion: 43 Resp: 117973

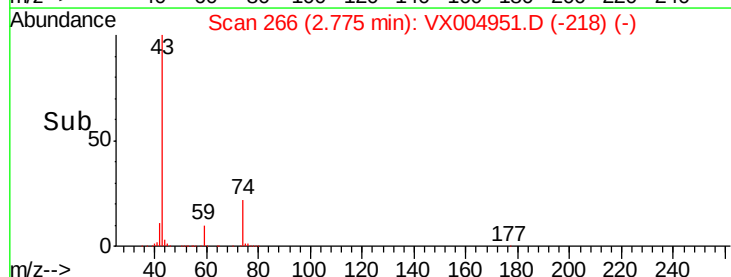
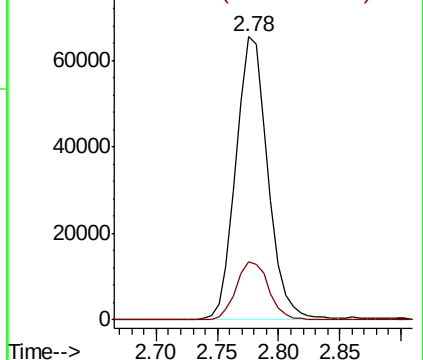
Ion Ratio Lower Upper

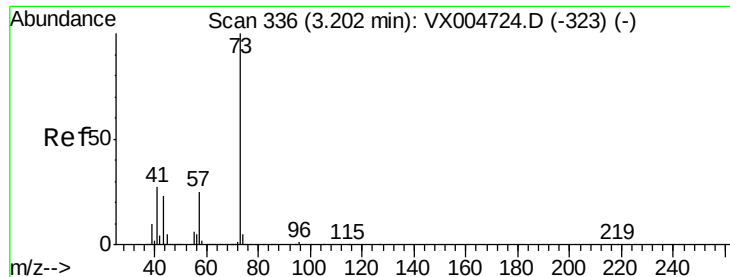
43 100

74 21.7 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0



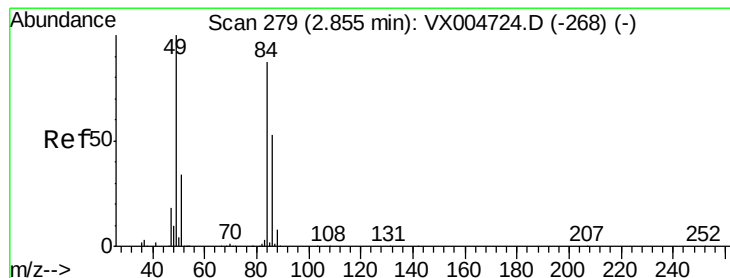
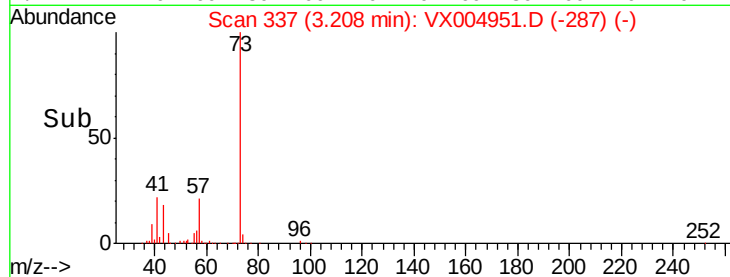
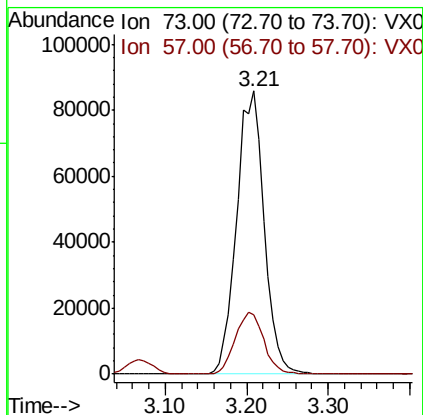
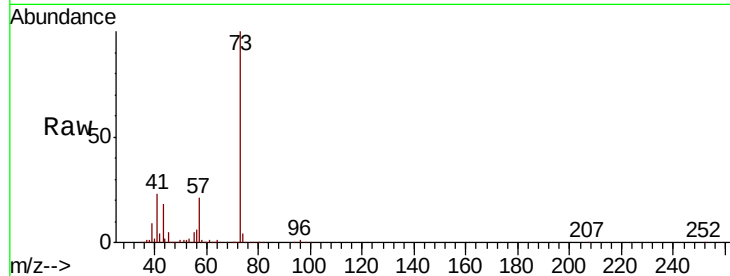


#19

Methyl tert-butyl Ether
 Concen: 22.736 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX004951.D
 Acq: 03 Oct 2018 07:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003MBS01

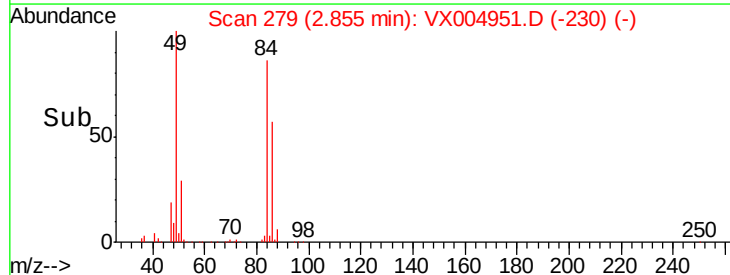
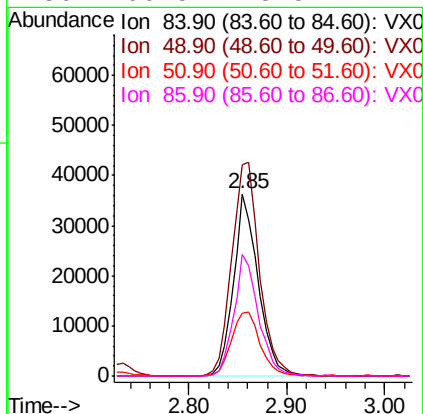
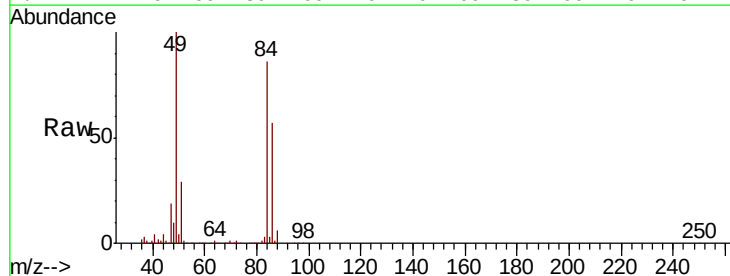
Tot Ion: 73 Resp: 199880
 Ion Ratio Lower Upper
 73 100
 57 21.0 19.9 29.9

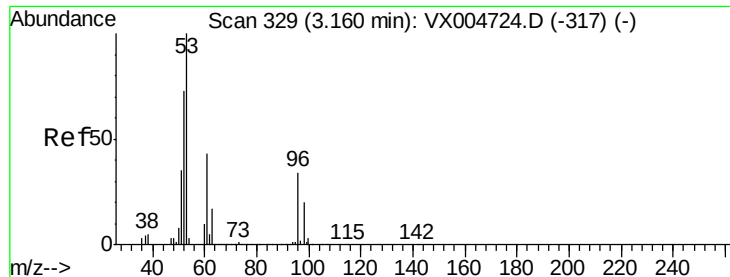


#20

Methylene Chloride
 Concen: 21.766 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX004951.D
 Acq: 03 Oct 2018 07:06

Tgt Ion: 84 Resp: 63432
 Ion Ratio Lower Upper
 84 100
 49 115.9 92.3 138.5
 51 33.9 31.8 47.6
 86 66.5 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 19.901 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VX1003MBS01

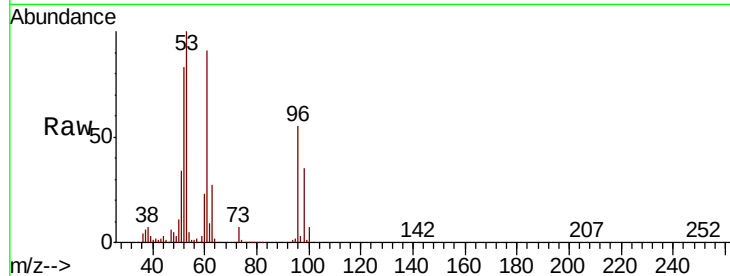
Tot Ion: 96 Resp: 55523

Ion Ratio Lower Upper

96 100

61 165.1 101.0 151.6#

98 63.0 47.2 70.8

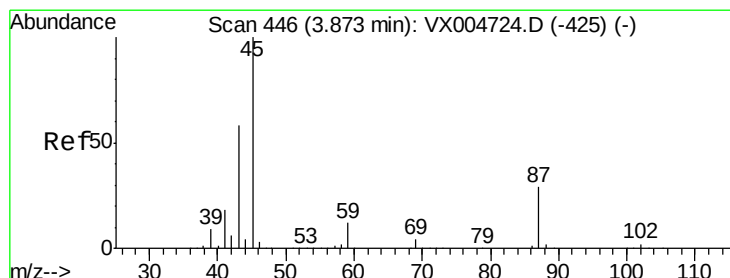
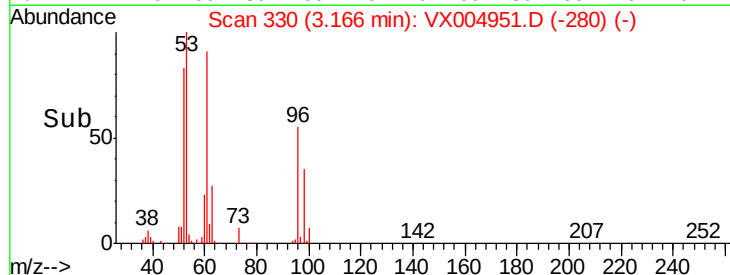
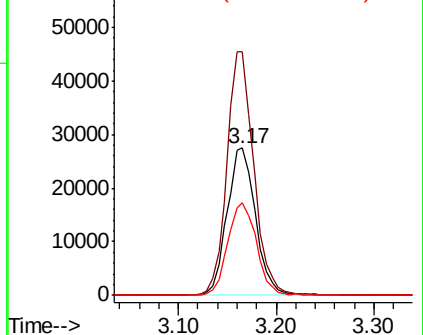


Abundance

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: 21.879 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.01 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

Tgt Ion: 45 Resp: 204882

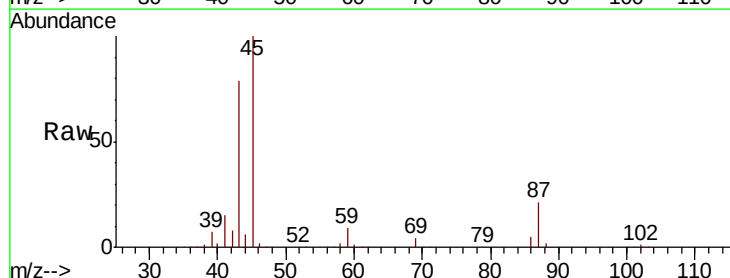
Ion Ratio Lower Upper

45 100

43 79.4 46.7 70.1#

87 21.4 22.9 34.3#

59 9.5 9.3 13.9



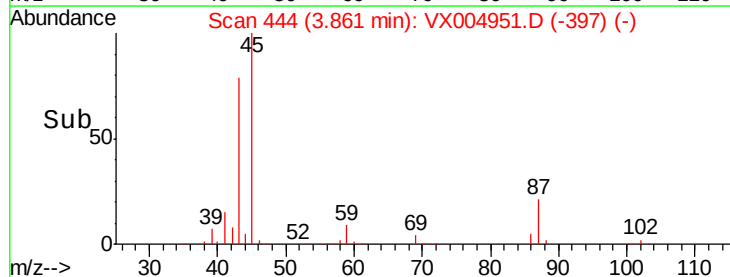
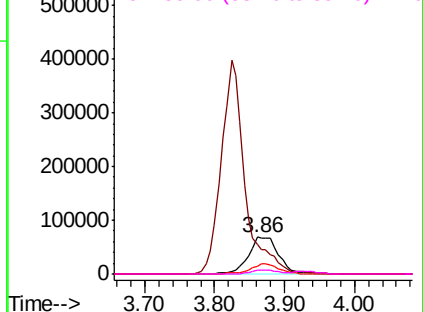
Abundance

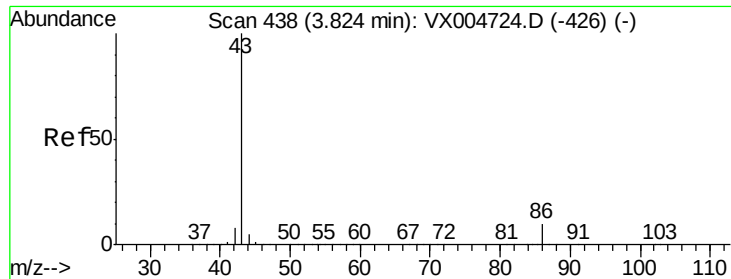
Ion 45.00 (44.70 to 45.70): VX0

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: 109.994 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

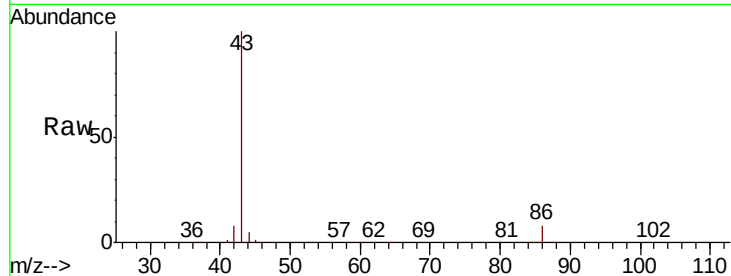
VX1003MBS01

Tot Ion: 43 Resp: 942822

Ion Ratio Lower Upper

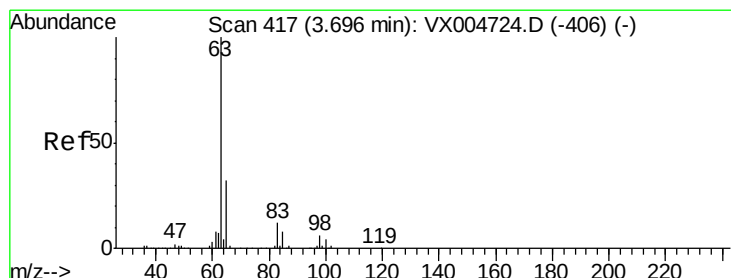
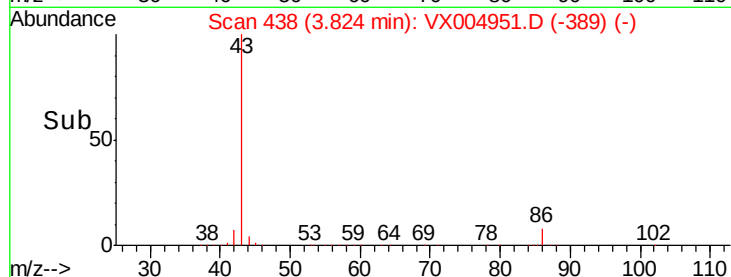
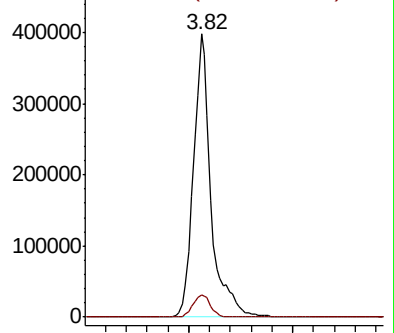
43 100

86 7.7 8.1 12.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.773 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

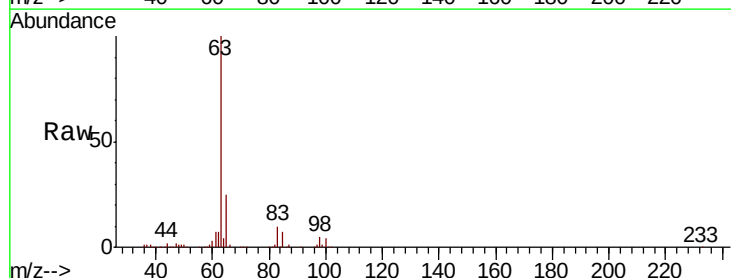
Tgt Ion: 63 Resp: 116037

Ion Ratio Lower Upper

63 100

98 5.3 3.0 9.2

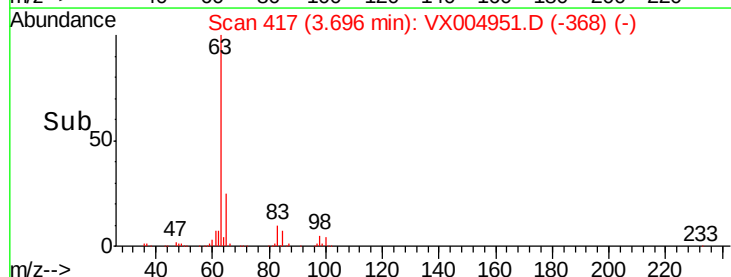
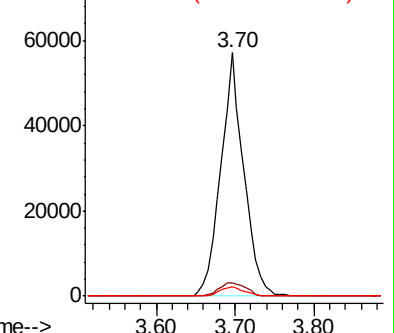
100 4.0 2.0 5.8

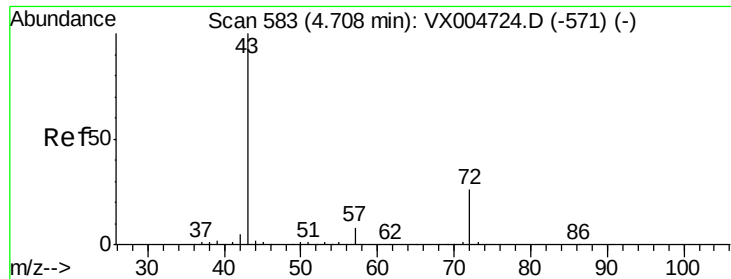


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 102.917 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

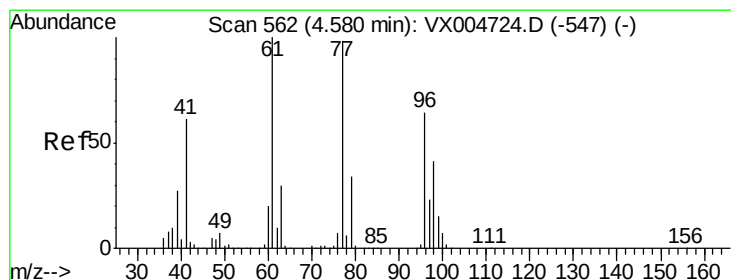
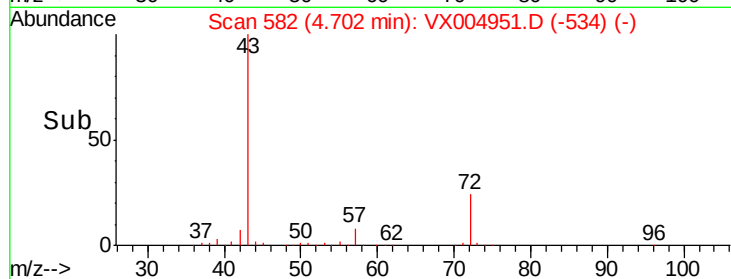
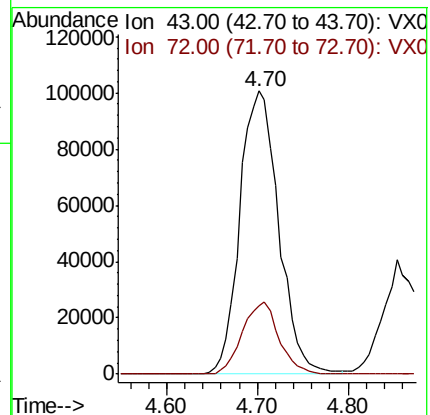
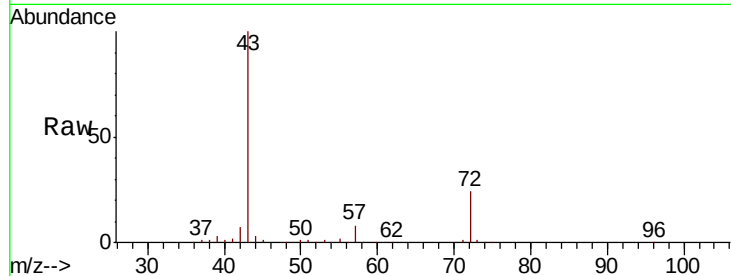
VX1003MBS01

Tot Ion: 43 Resp: 297594

Ion Ratio Lower Upper

43 100

72 24.0 20.8 31.2



#26

2,2-Dichloropropane

Concen: 11.982 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004951.D

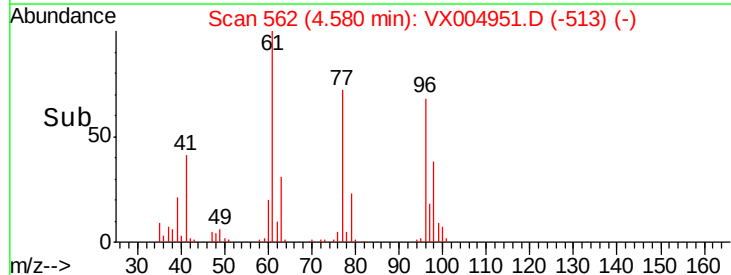
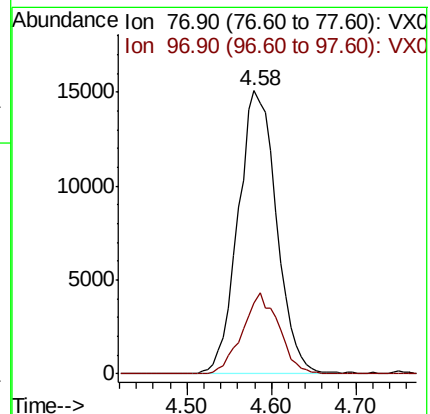
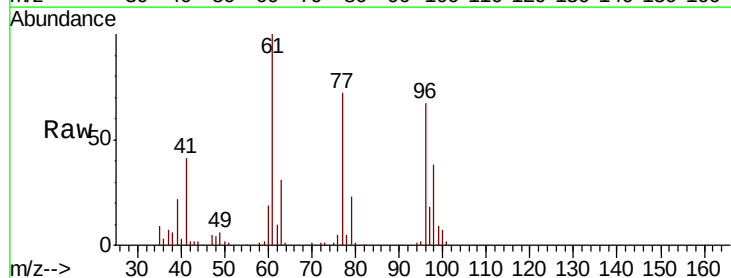
Acq: 03 Oct 2018 07:06

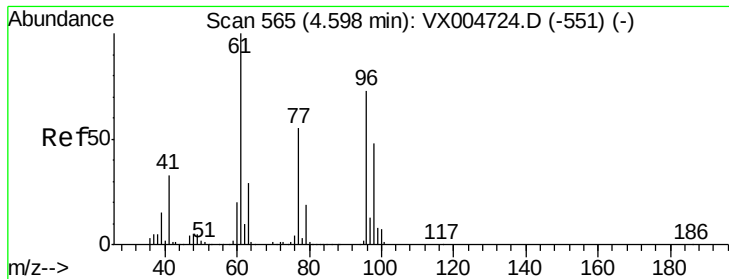
Tgt Ion: 77 Resp: 46607

Ion Ratio Lower Upper

77 100

97 27.1 12.6 37.8



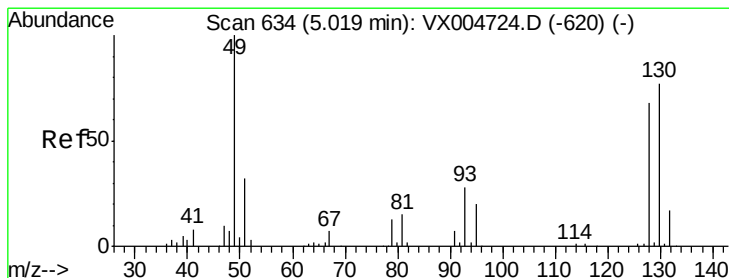
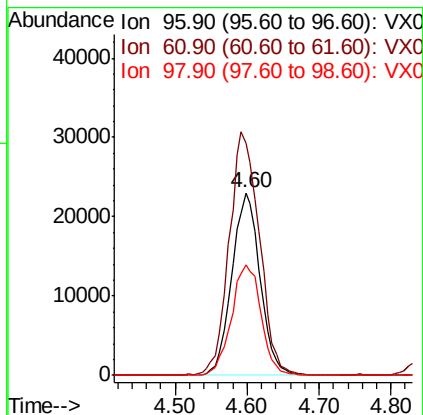
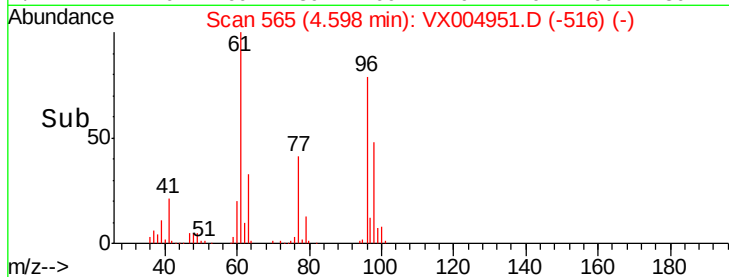
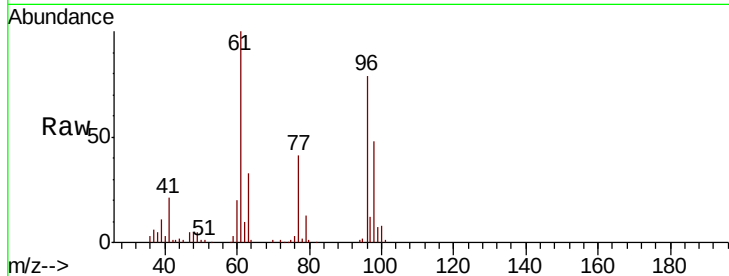


#27

cis-1,2-Dichloroethene
Concen: 20.093 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX004951.D
Acq: 03 Oct 2018 07:06

Instrument :
MSVOA_X
ClientSampleId :
VX1003MBS01

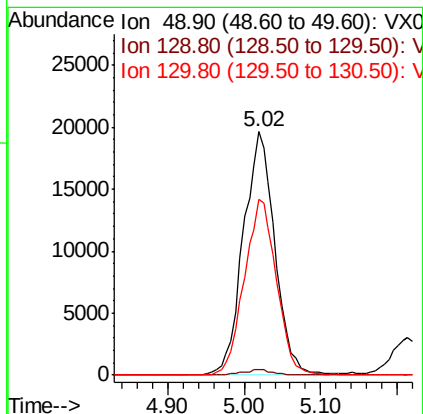
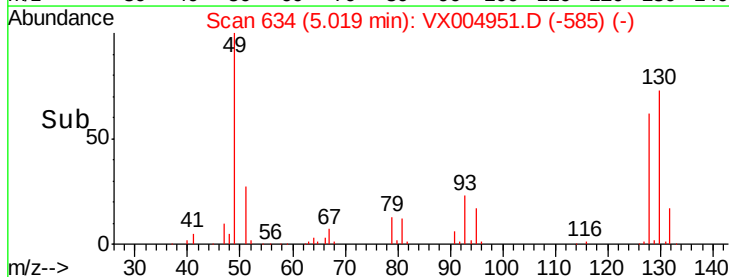
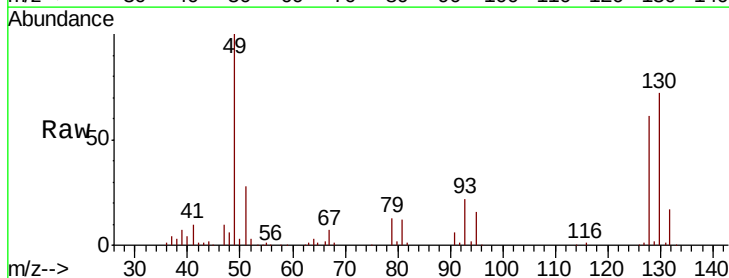
Tot Ion: 96 Resp: 62625
Ion Ratio Lower Upper
96 100
61 141.9 0.0 285.8
98 63.4 0.0 136.2

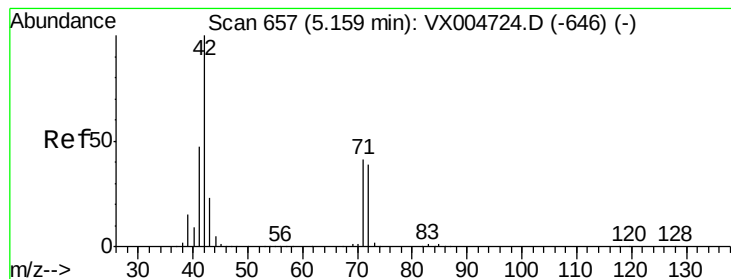


#28

Bromochloromethane
Concen: 21.336 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX004951.D
Acq: 03 Oct 2018 07:06

Tgt Ion: 49 Resp: 56122
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 73.3 62.0 93.0





#29

Tetrahydrofuran

Concen: 111.018 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VX1003MBS01

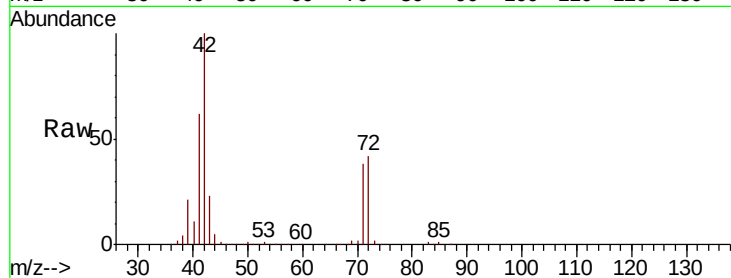
Tot Ion: 42 Resp: 199525

Ion Ratio Lower Upper

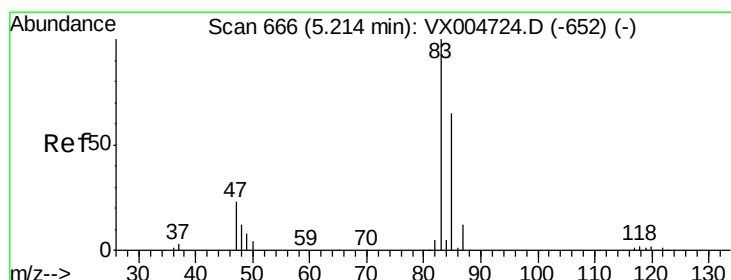
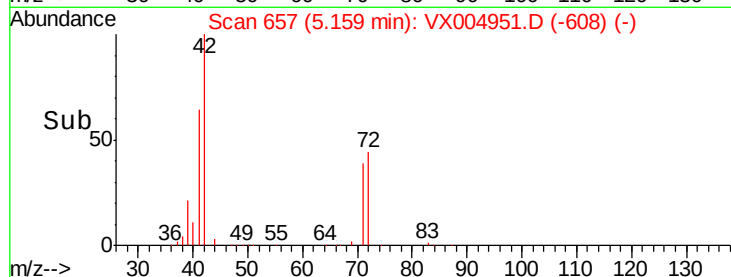
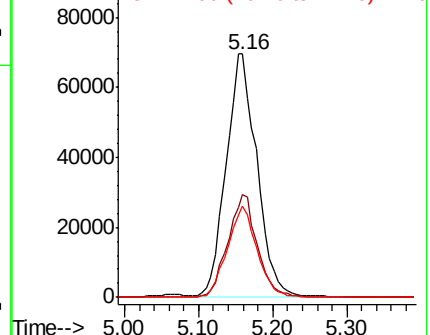
42 100

72 40.8 33.7 50.5

71 36.4 32.2 48.4



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: 20.563 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX004951.D

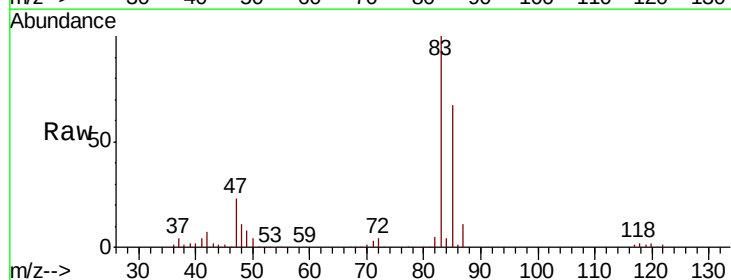
Acq: 03 Oct 2018 07:06

Tgt Ion: 83 Resp: 108558

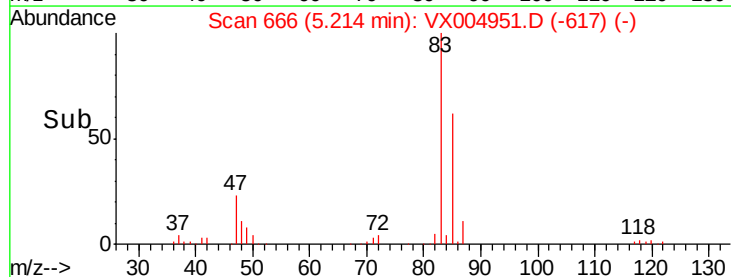
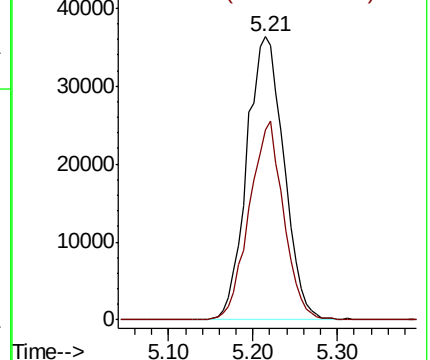
Ion Ratio Lower Upper

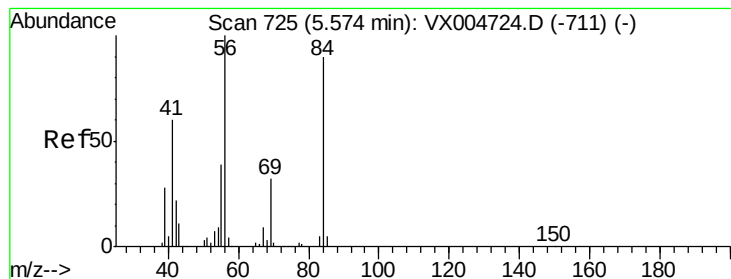
83 100

85 67.1 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 22.452 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VX1003MBS01

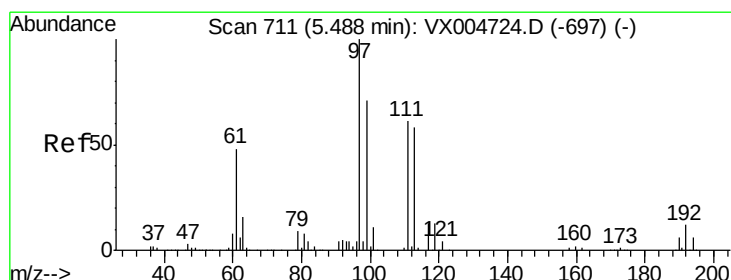
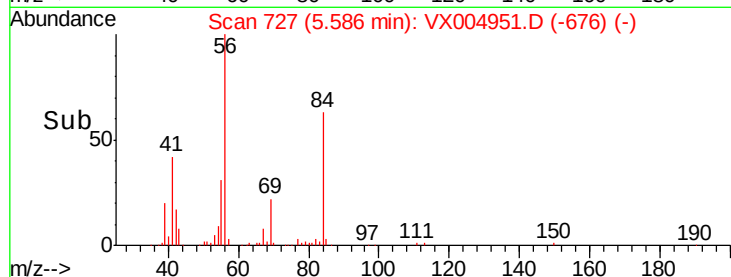
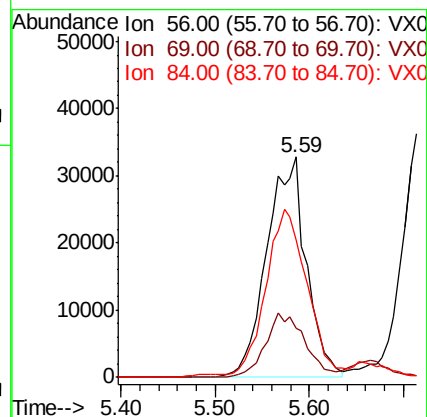
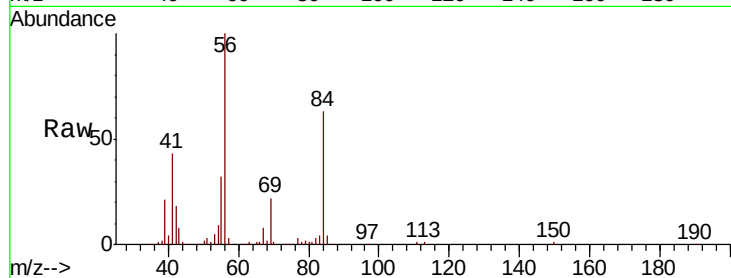
Tot Ion: 56 Resp: 95988

Ion Ratio Lower Upper

56 100

69 22.0 25.9 38.9#

84 61.6 71.9 107.9#



#32

1,1,1-Trichloroethane

Concen: 22.374 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

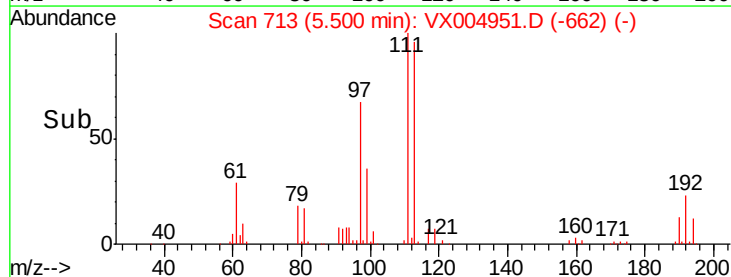
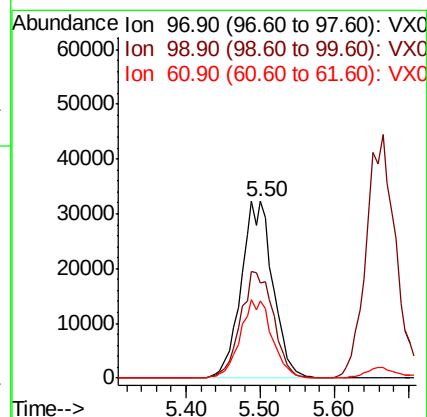
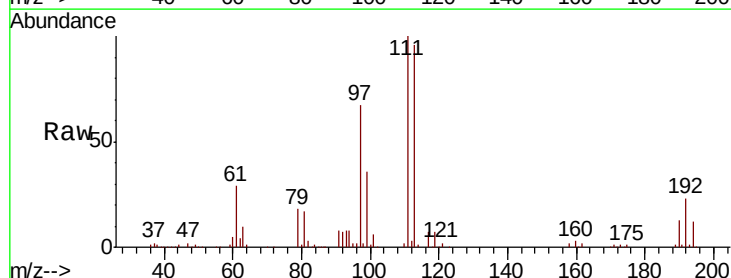
Tgt Ion: 97 Resp: 96464

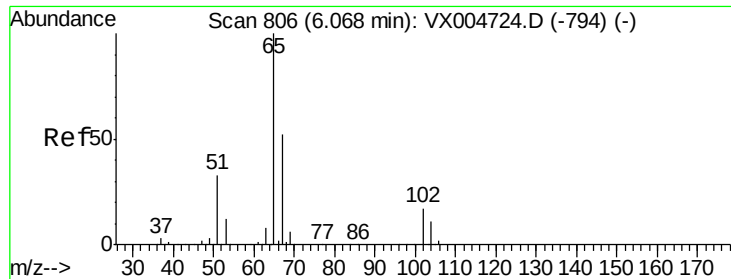
Ion Ratio Lower Upper

97 100

99 62.5 54.6 82.0

61 44.5 37.5 56.3

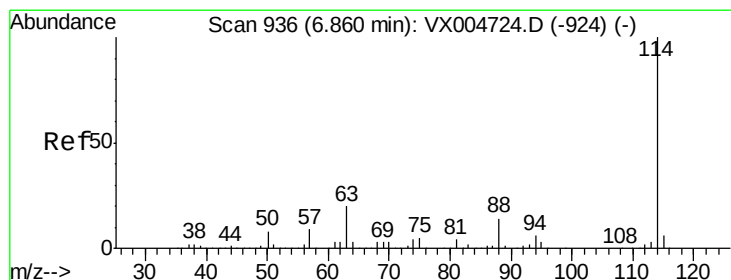
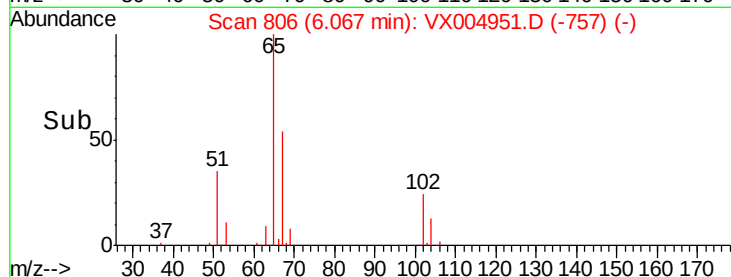
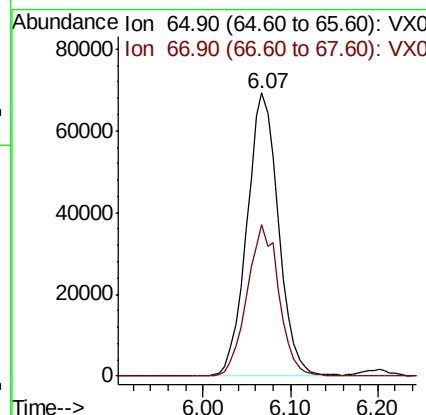
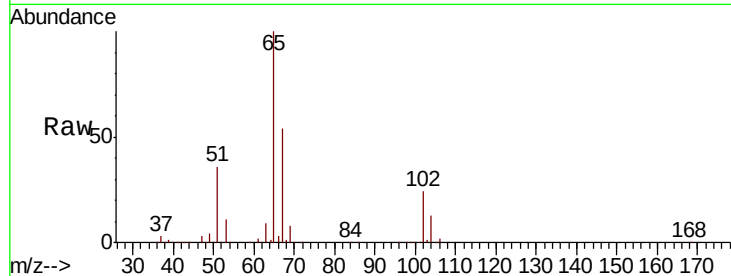




#33
 1,2-Dichloroethane-d4
 Concen: 51.604 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004951.D
 Acq: 03 Oct 2018 07:06

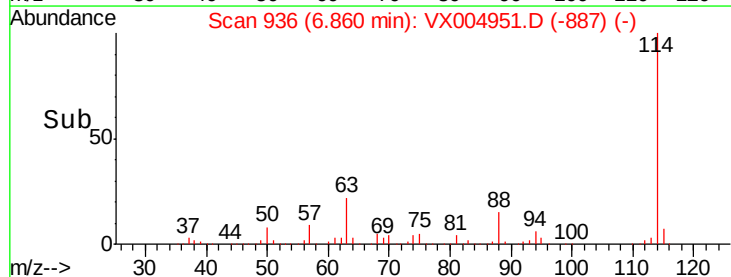
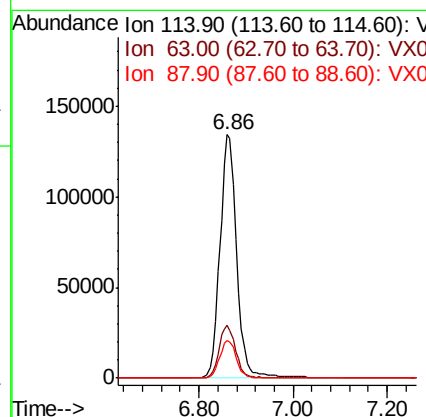
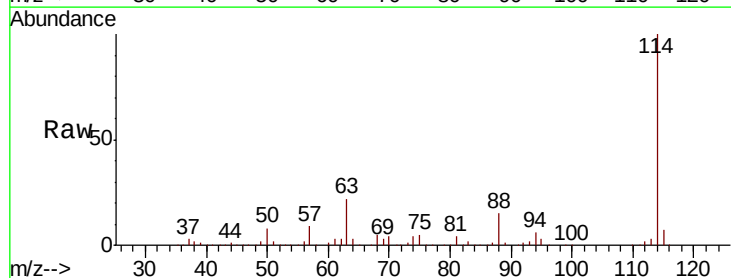
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003MBS01

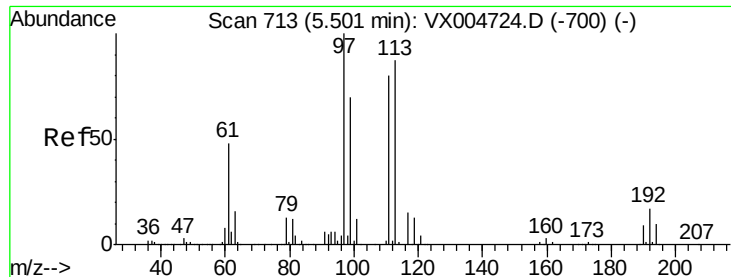
Tot Ion: 65 Resp: 173396
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004951.D
 Acq: 03 Oct 2018 07:06

Tgt Ion: 114 Resp: 330771
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 39.8
 88 15.3 0.0 27.0

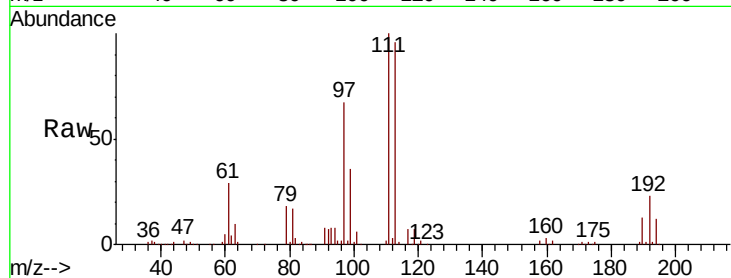




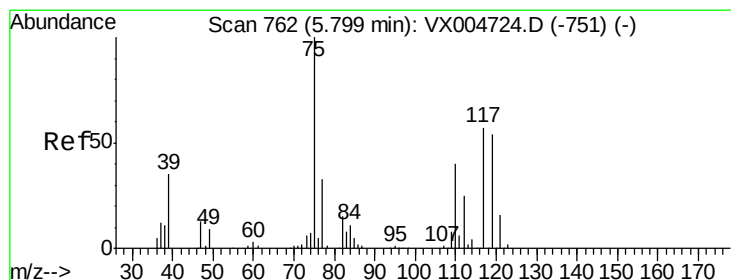
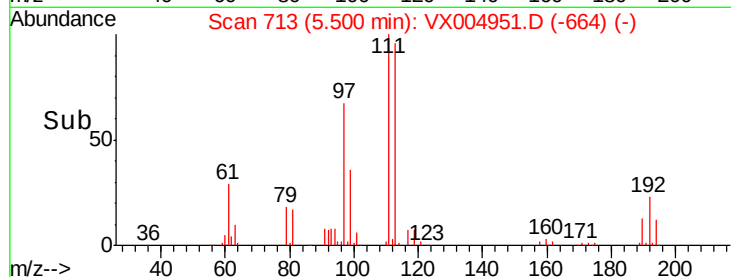
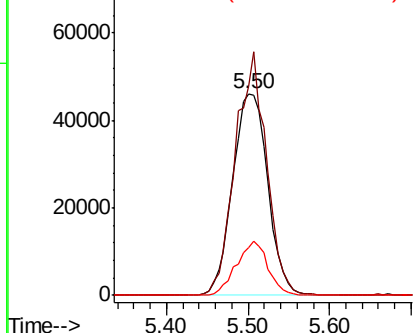
#35
 Dibromofluoromethane
 Concen: 49.237 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004951.D
 Acq: 03 Oct 2018 07:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003MBS01

Tot Ion:113 Resp: 138027
 Ion Ratio Lower Upper
 113 100
 111 107.2 77.0 115.4
 192 24.0 17.0 25.6

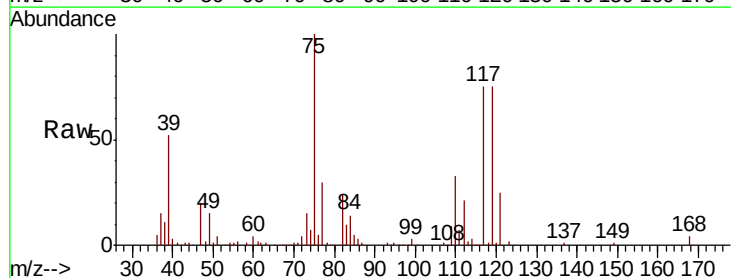


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

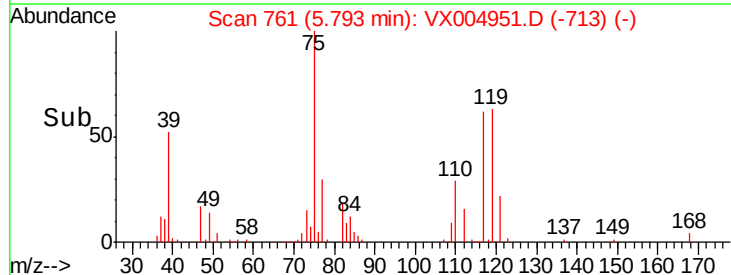
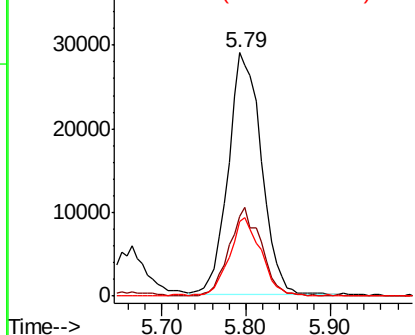


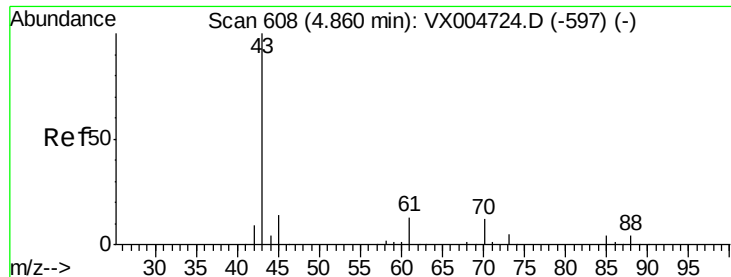
#36
 1,1-Dichloropropene
 Concen: 20.178 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX004951.D
 Acq: 03 Oct 2018 07:06

Tgt Ion: 75 Resp: 77175
 Ion Ratio Lower Upper
 75 100
 110 35.6 20.0 59.9
 77 30.2 27.1 40.7



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

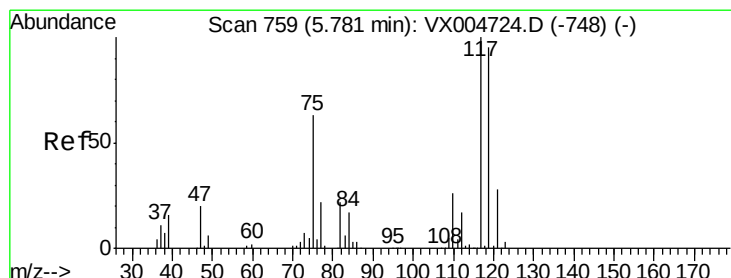
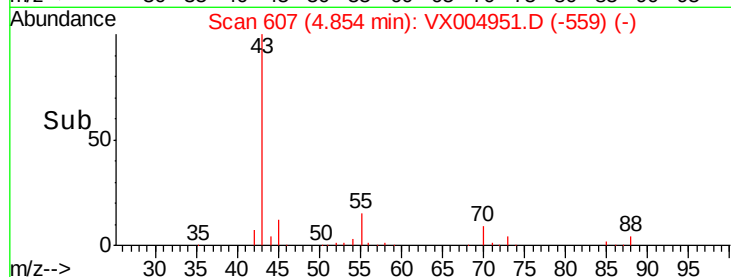
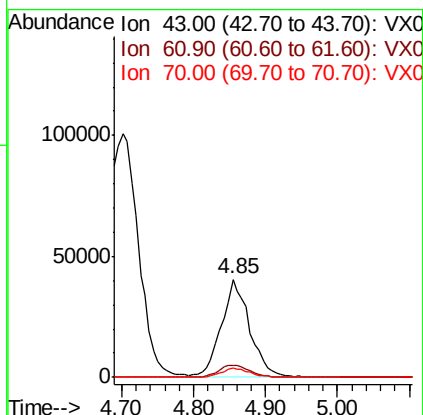
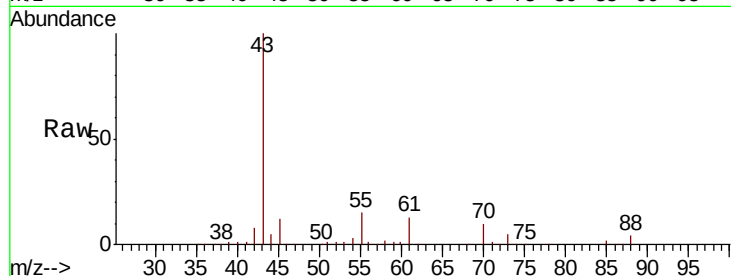




#37
Ethyl Acetate
Concen: 21.810 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX004951.D
Acq: 03 Oct 2018 07:06

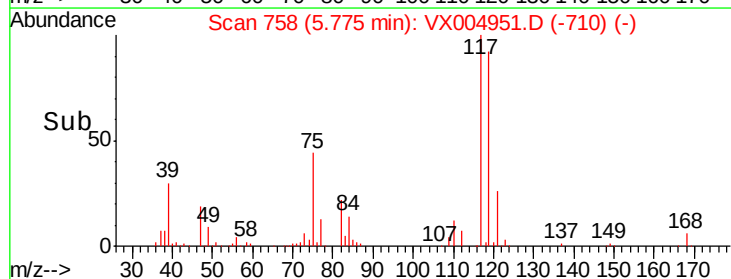
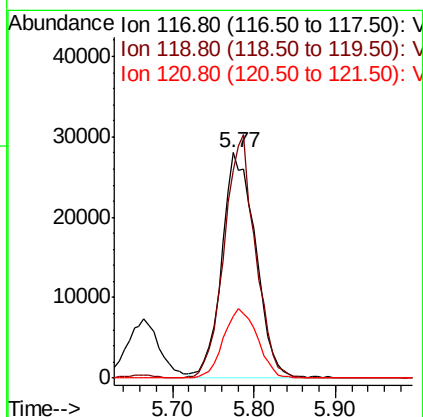
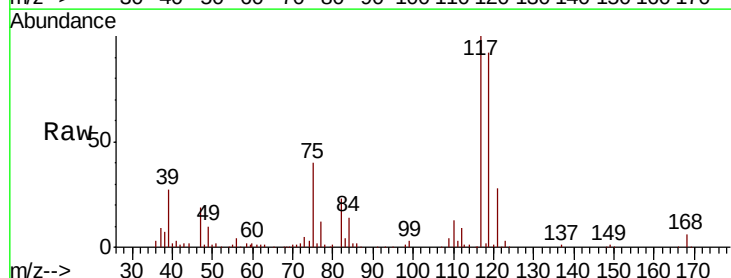
Instrument :
MSVOA_X
ClientSampled :
VX1003MBS01

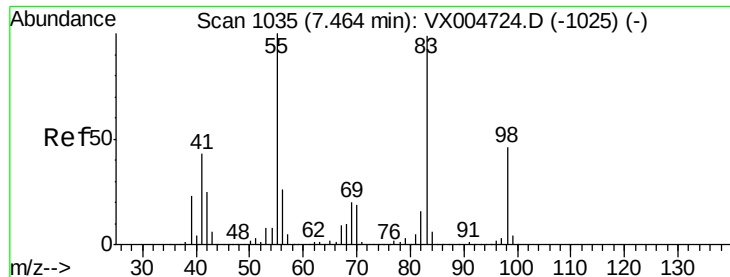
Tot Ion: 43 Resp: 110731
Ion Ratio Lower Upper
43 100
61 14.1 10.4 15.6
70 9.6 8.7 13.1



#38
Carbon Tetrachloride
Concen: 19.826 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX004951.D
Acq: 03 Oct 2018 07:06

Tgt Ion: 117 Resp: 79711
Ion Ratio Lower Upper
117 100
119 92.3 75.2 112.8
121 27.7 22.5 33.7

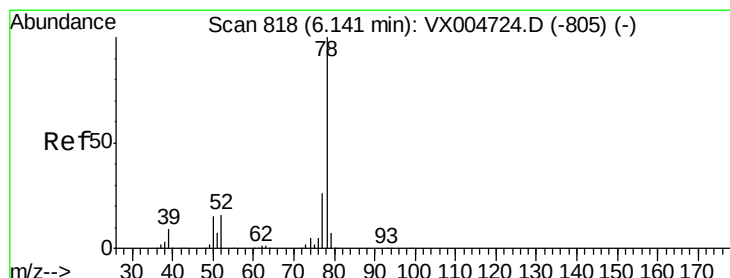
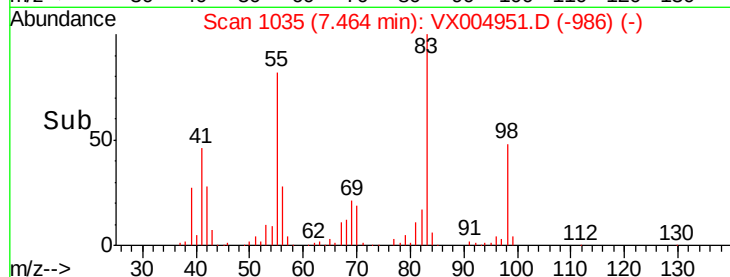
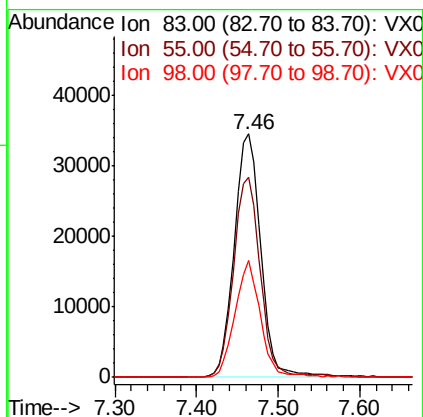
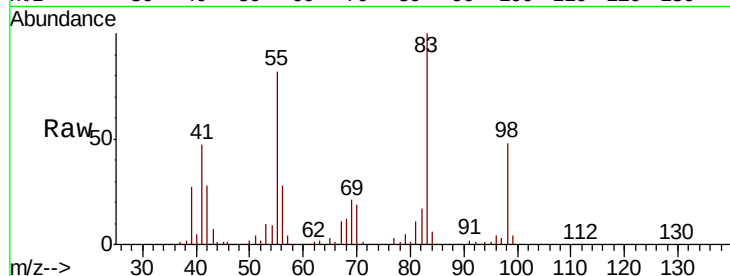




#39
Methylvlcyclohexane
Concen: 19.843 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004951.D
Acq: 03 Oct 2018 07:06

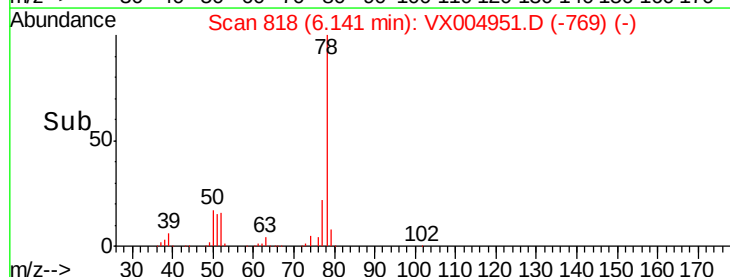
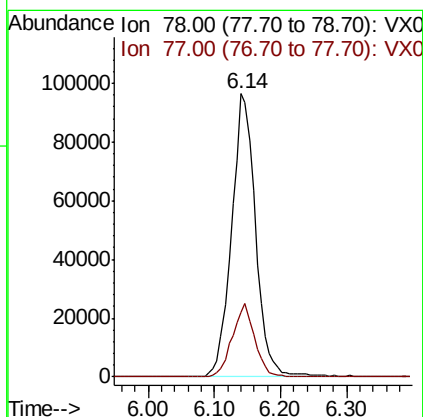
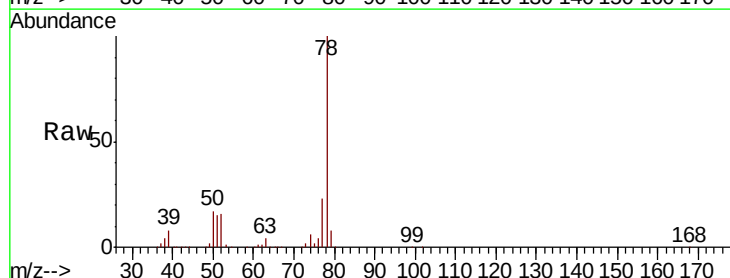
Instrument :
MSVOA_X
ClientSampleId :
VX1003MBS01

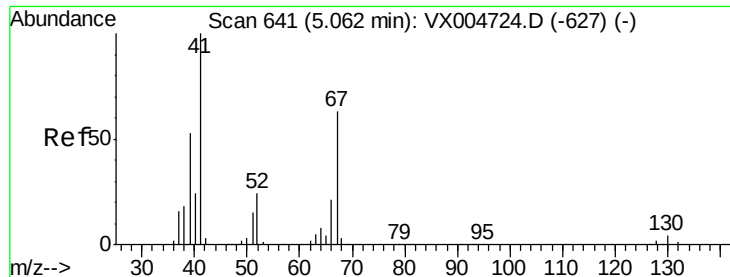
Tot Ion: 83 Resp: 77499
Ion Ratio Lower Upper
83 100
55 82.1 81.1 121.7
98 48.1 37.3 55.9



#40
Benzene
Concen: 20.153 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004951.D
Acq: 03 Oct 2018 07:06

Tgt Ion: 78 Resp: 241313
Ion Ratio Lower Upper
78 100
77 22.6 21.0 31.4

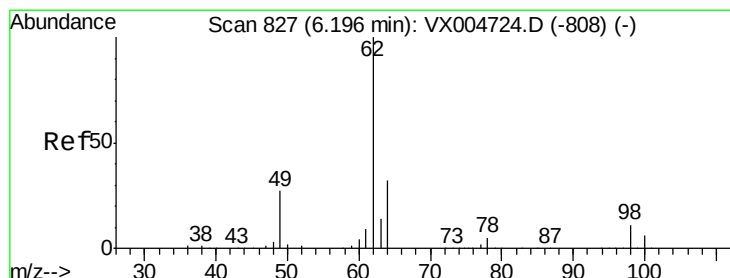
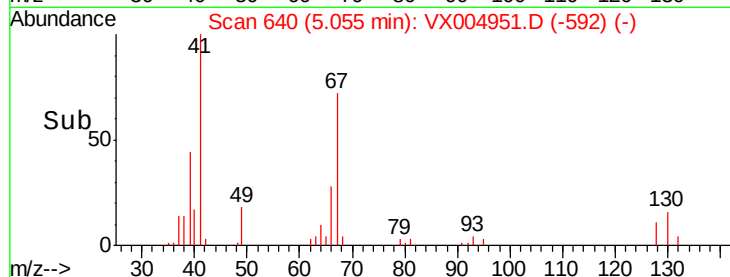
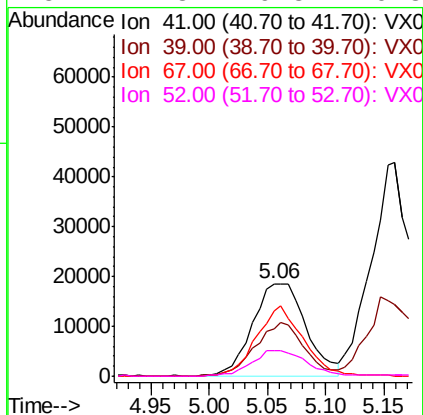
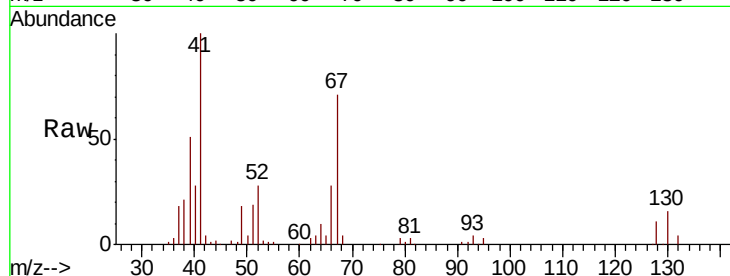




#41
Methacrylonitrile
Concen: 20.898 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX004951.D
Acq: 03 Oct 2018 07:06

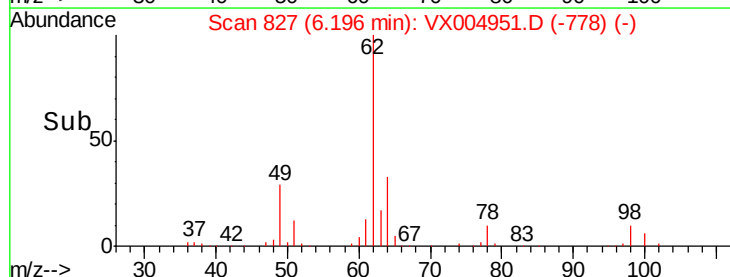
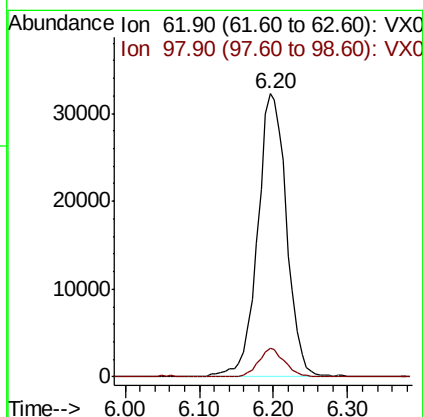
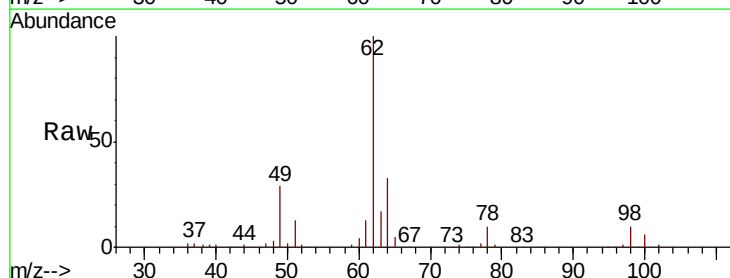
Instrument :
MSVOA_X
ClientSampleId :
VX1003MBS01

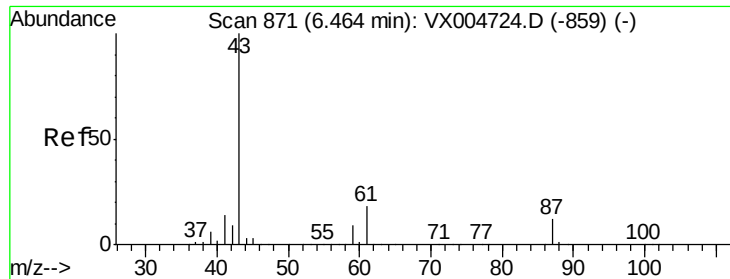
Tot Ion:	41	Resp:	58840
Ion	Ratio	Lower	Upper
41	100		
39	53.7	42.5	63.7
67	67.2	53.0	79.6
52	27.8	19.8	29.8



#42
1,2-Dichloroethane
Concen: 20.747 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004951.D
Acq: 03 Oct 2018 07:06

Tgt Ion:	62	Resp:	87821
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	20.2





#43

Isopropyl Acetate

Concen: 20.266 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VX1003MBS01

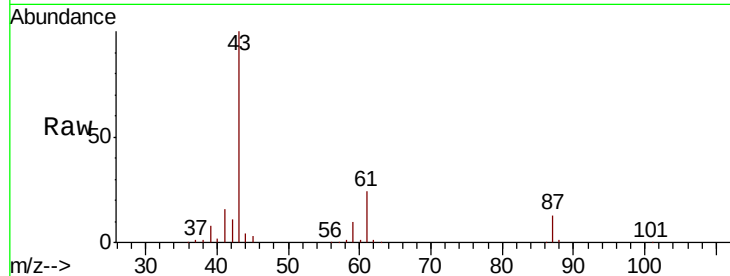
Tot Ion: 43 Resp: 148505

Ion Ratio Lower Upper

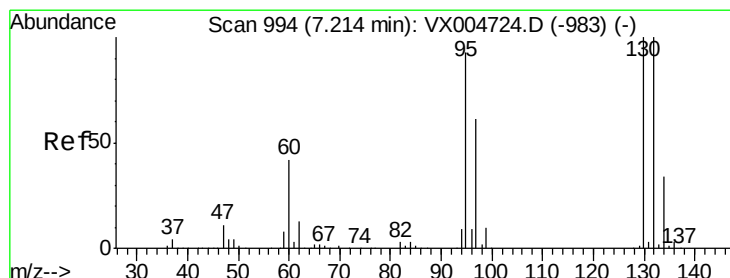
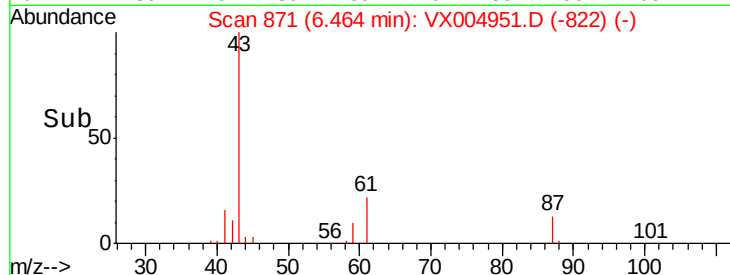
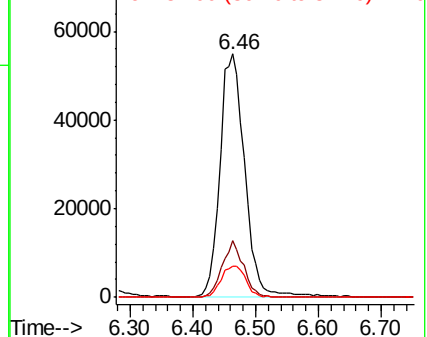
43 100

61 20.2 14.2 21.4

87 13.0 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.141 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004951.D

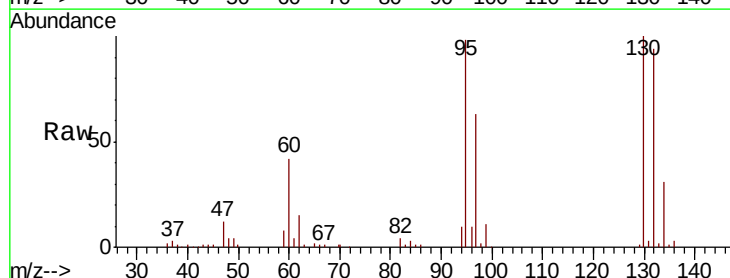
Acq: 03 Oct 2018 07:06

Tgt Ion:130 Resp: 59287

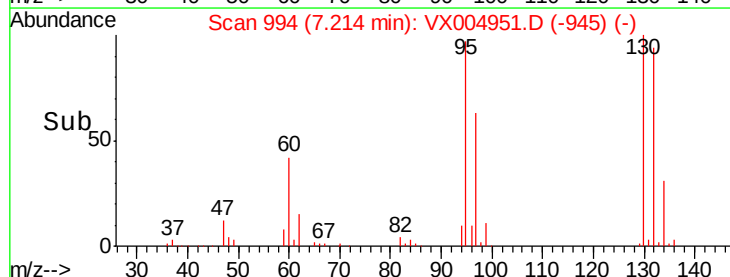
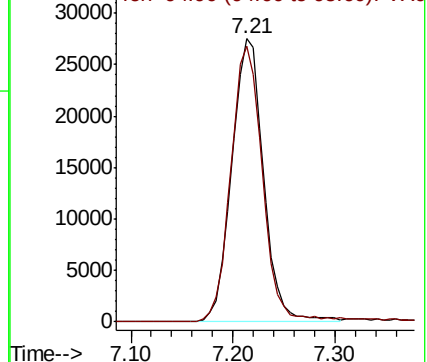
Ion Ratio Lower Upper

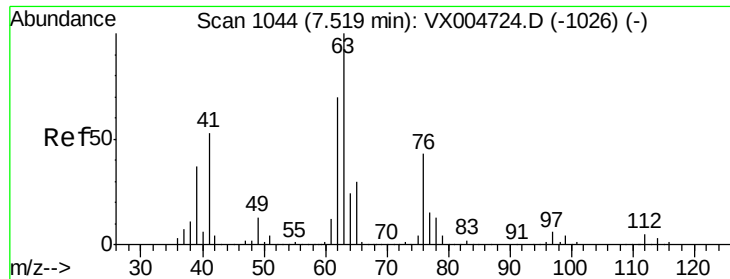
130 100

95 97.6 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

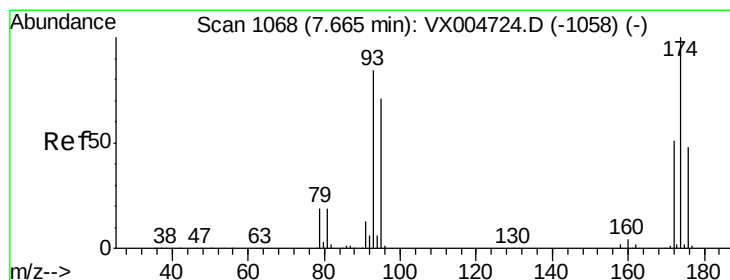
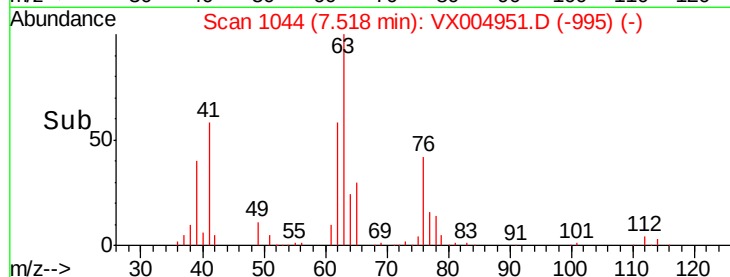
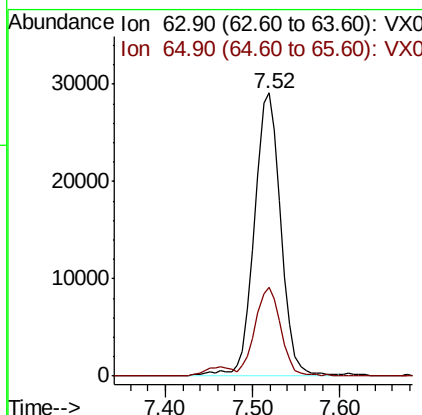
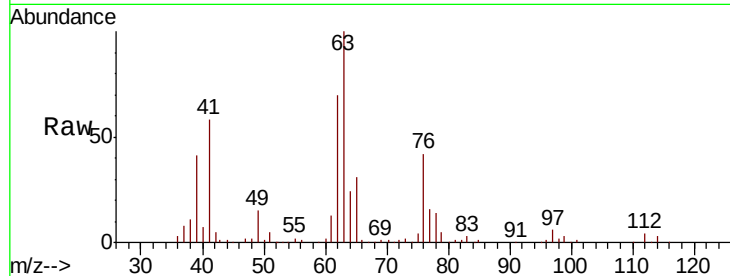




#45
 1,2-Dichloropropane
 Concen: 20.907 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004951.D
 Acq: 03 Oct 2018 07:06

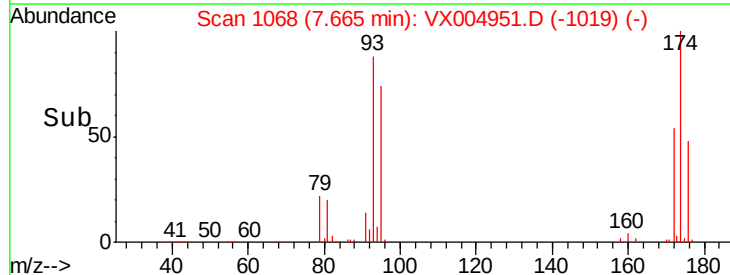
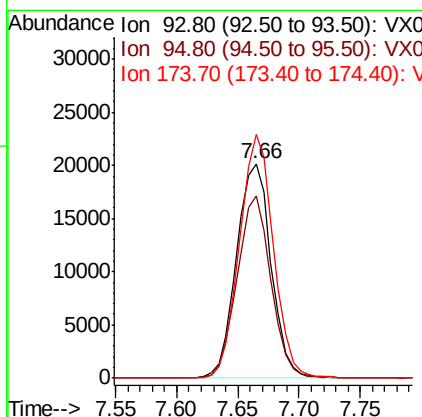
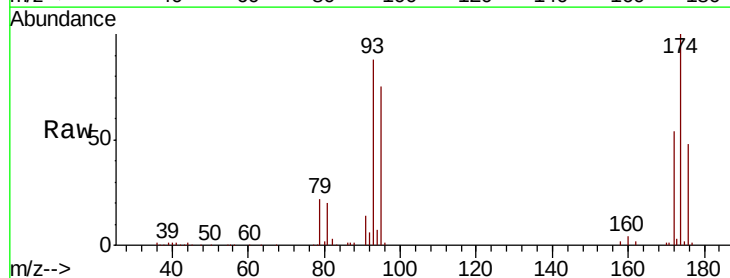
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003MBS01

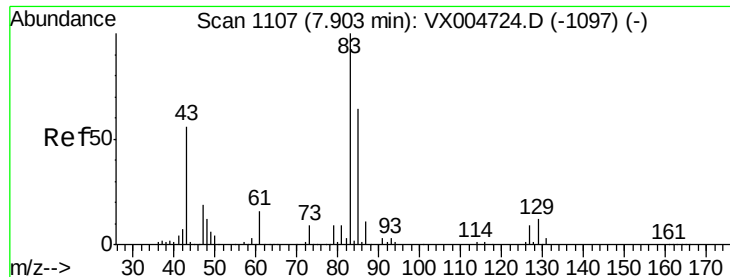
Tot Ion: 63 Resp: 61392
 Ion Ratio Lower Upper
 63 100
 65 31.5 23.9 35.9



#46
 Dibromomethane
 Concen: 21.404 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX004951.D
 Acq: 03 Oct 2018 07:06

Tgt Ion: 93 Resp: 39499
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.7 100.1
 174 112.0 92.7 139.1





#47

Bromodichloromethane

Concen: 21.424 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VX1003MBS01

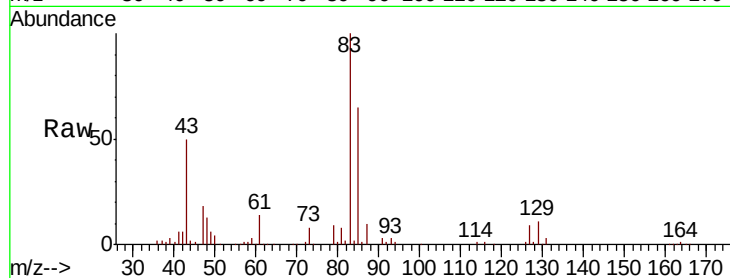
Tot Ion: 83 Resp: 74025

Ion Ratio Lower Upper

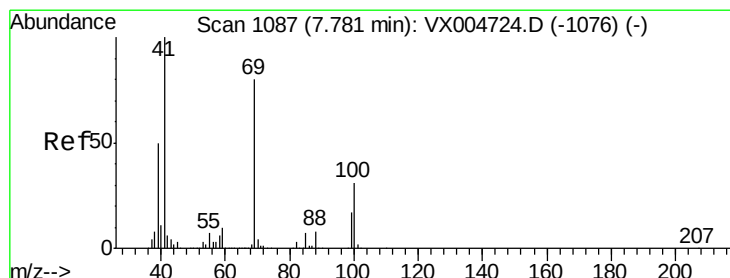
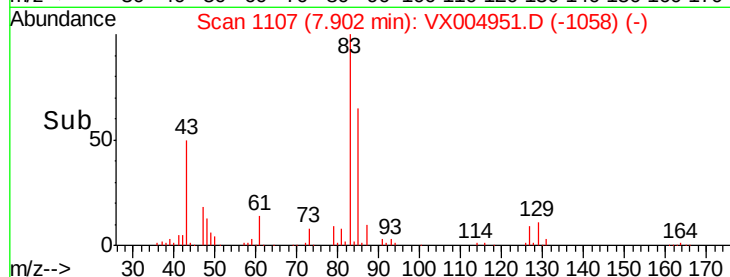
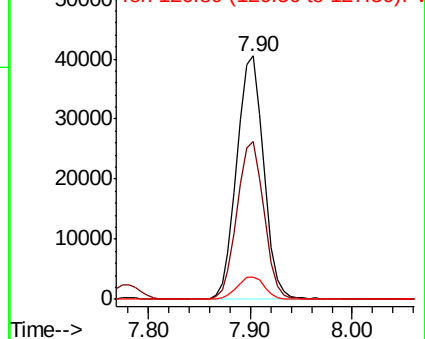
83 100

85 65.0 51.2 76.8

127 9.2 7.0 10.6



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: 22.176 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

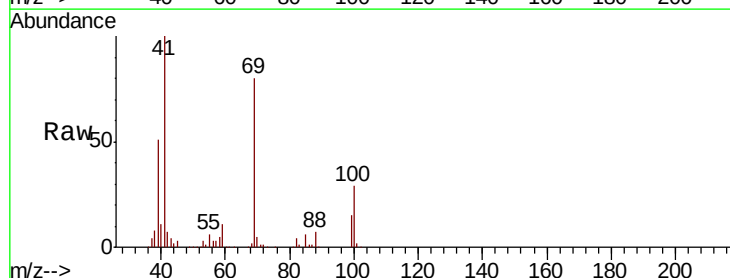
Tgt Ion: 41 Resp: 73758

Ion Ratio Lower Upper

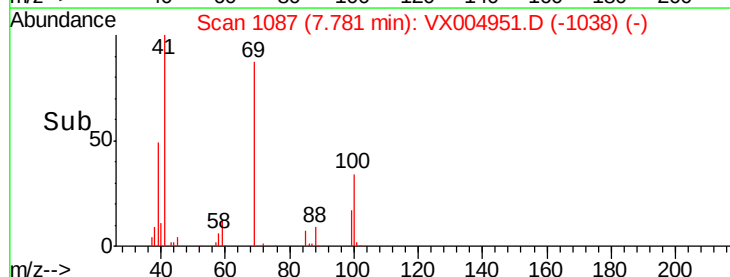
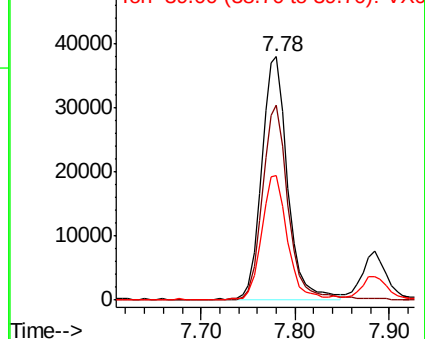
41 100

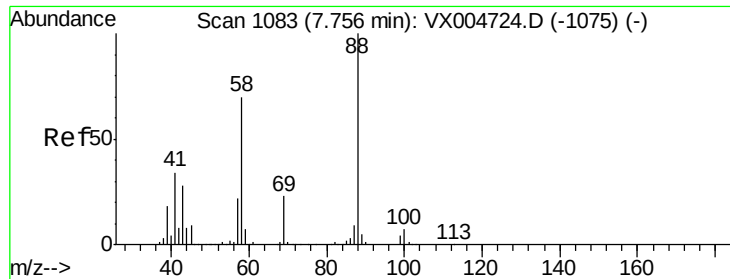
69 80.4 63.8 95.6

39 51.1 40.7 61.1



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

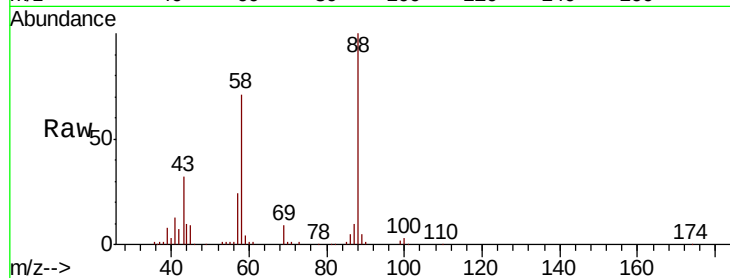




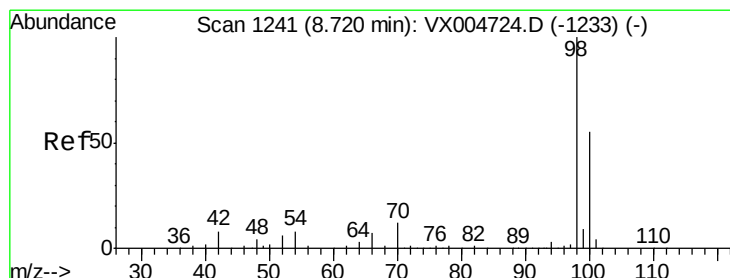
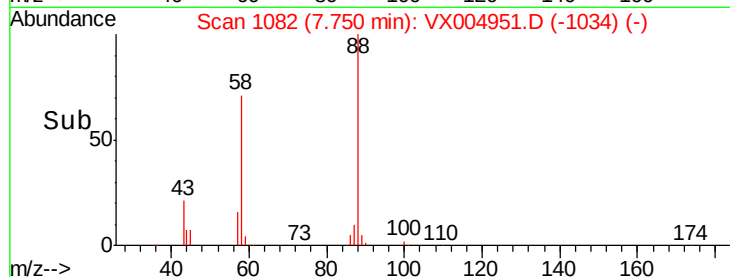
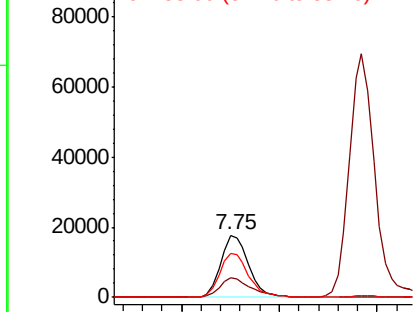
#49
1,4-Dioxane
Concen: 422.538 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX004951.D
Acq: 03 Oct 2018 07:06

Instrument :
MSVOA_X
ClientSampleId :
VX1003MBS01

Tot Ion: 88 Resp: 34915
Ion Ratio Lower Upper
88 100
43 33.7 25.1 37.7
58 73.9 56.2 84.2

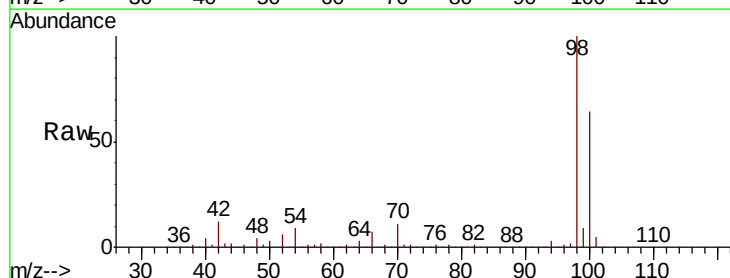


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

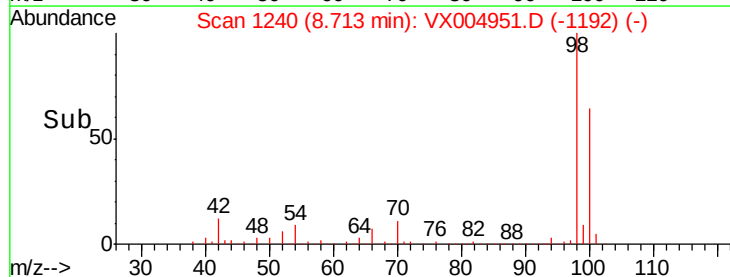
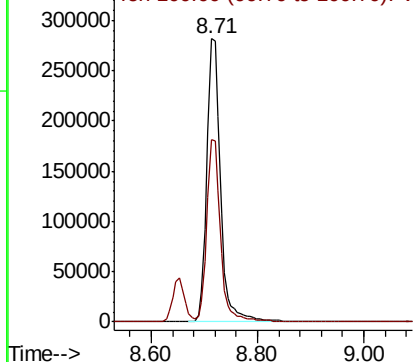


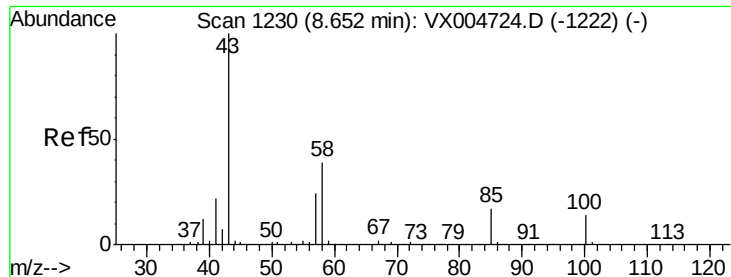
#50
Toluene-d8
Concen: 53.000 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004951.D
Acq: 03 Oct 2018 07:06

Tgt Ion: 98 Resp: 493939
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

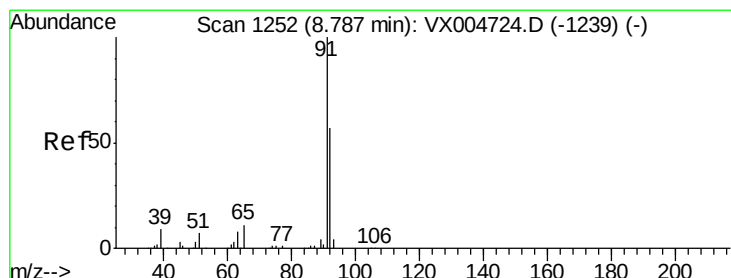
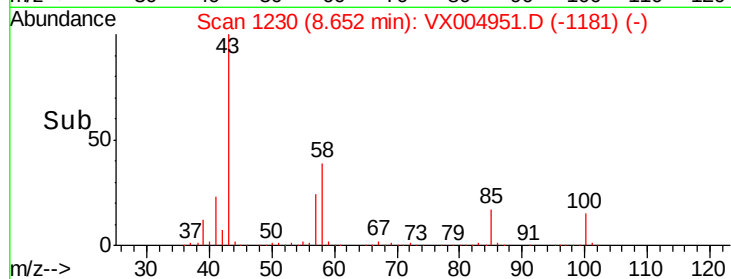
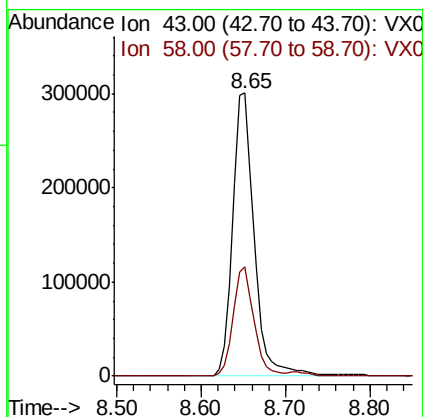
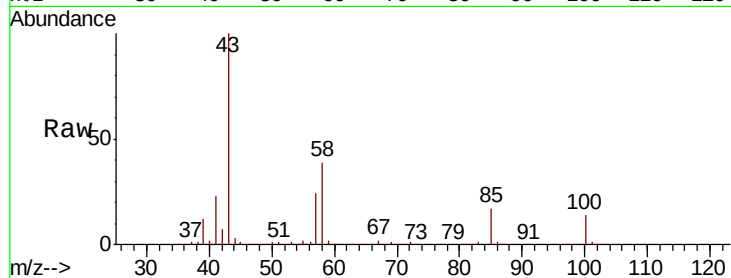




#51
 4-Methyl-2-Pentanone
 Concen: 112.970 ug/l
 RT: 8.65 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VX004951.D
 Acq: 03 Oct 2018 07:06

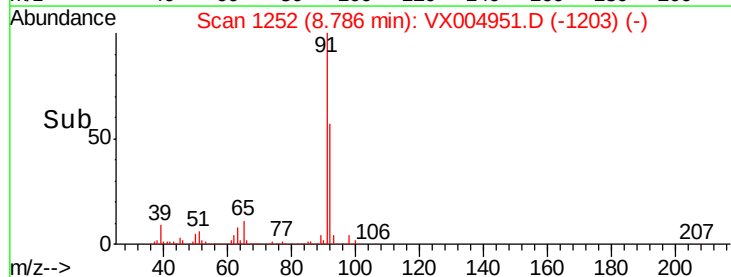
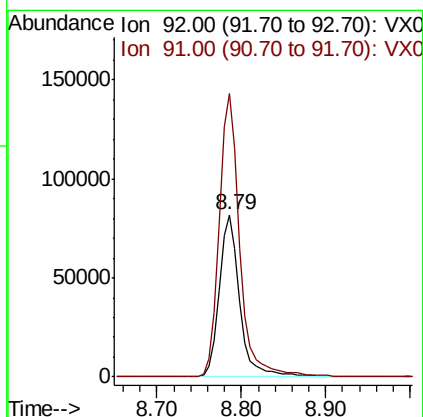
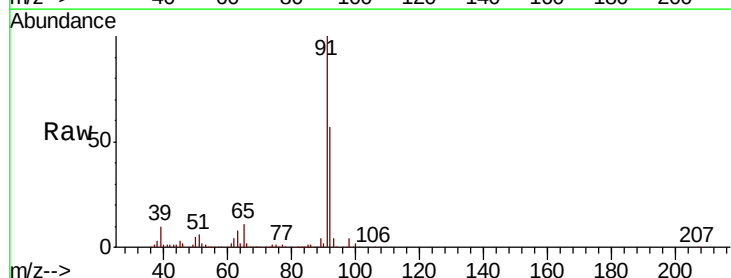
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003MBS01

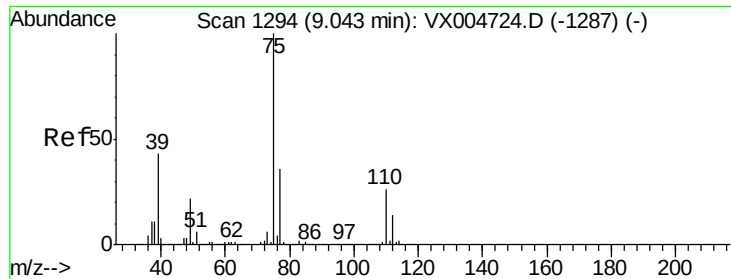
Tot Ion: 43 Resp: 521242
 Ion Ratio Lower Upper
 43 100
 58 36.8 30.5 45.7



#52
 Toluene
 Concen: 20.889 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX004951.D
 Acq: 03 Oct 2018 07:06

Tgt Ion: 92 Resp: 137442
 Ion Ratio Lower Upper
 92 100
 91 176.3 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 18.679 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

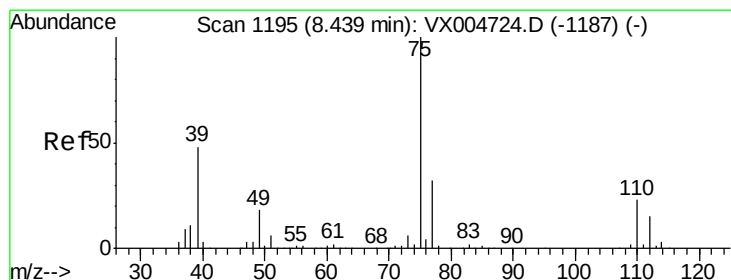
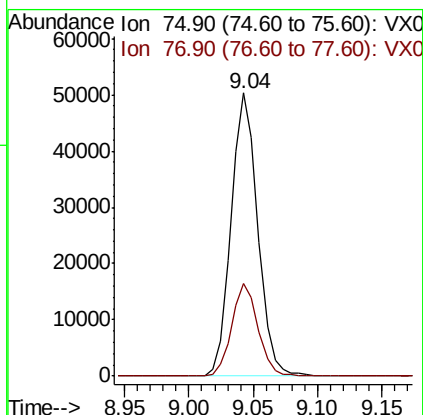
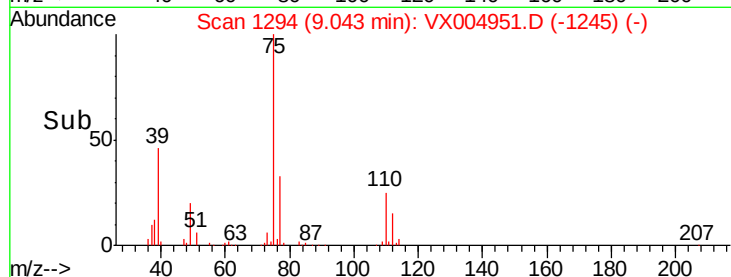
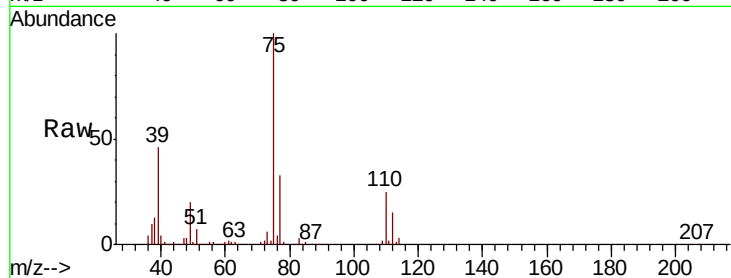
VX1003MBS01

Tot Ion: 75 Resp: 72930

Ion Ratio Lower Upper

75 100

77 32.6 28.9 43.3



#54

cis-1,3-Dichloropropene

Concen: 20.078 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

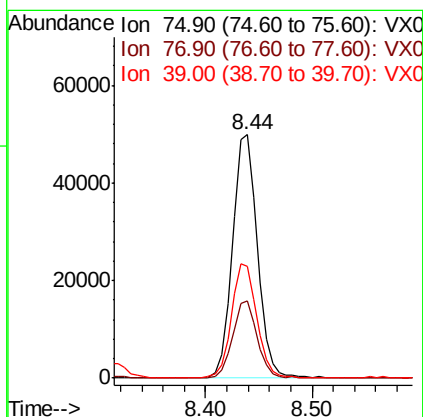
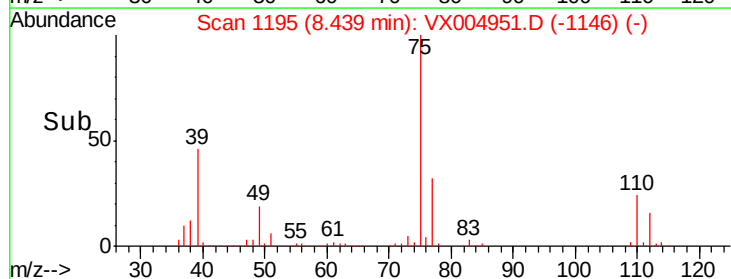
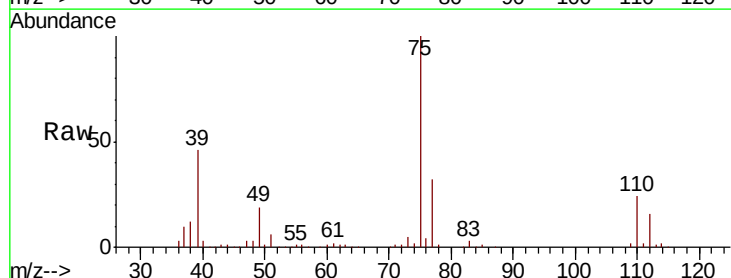
Tgt Ion: 75 Resp: 82111

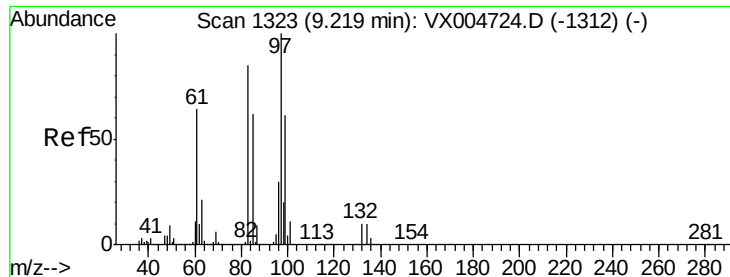
Ion Ratio Lower Upper

75 100

77 31.7 25.7 38.5

39 45.7 38.3 57.5

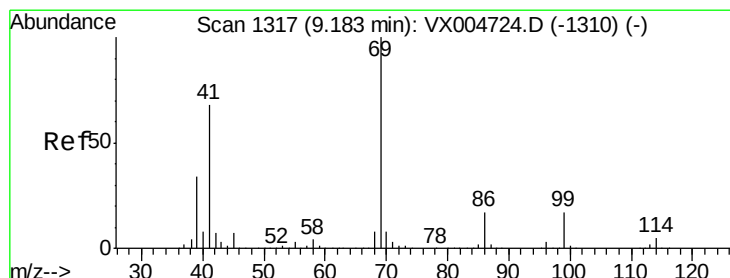
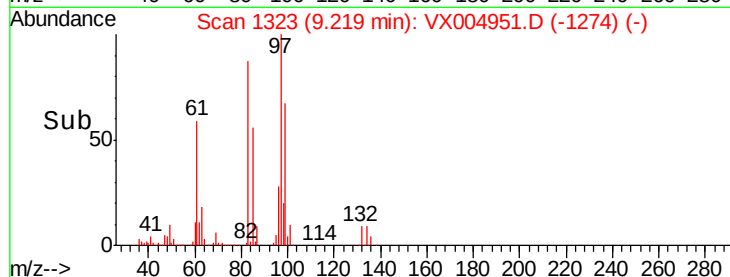
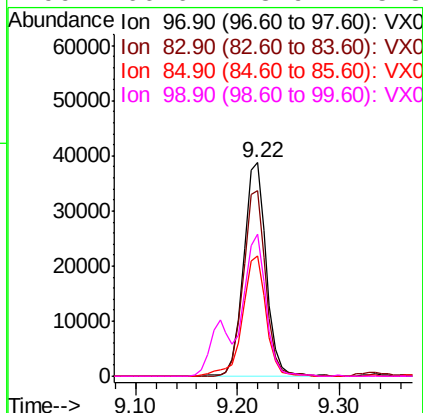
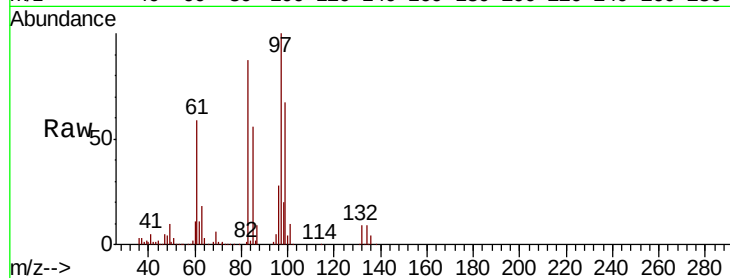




#55
 1,1,2-Trichloroethane
 Concen: 20.568 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004951.D
 Acq: 03 Oct 2018 07:06

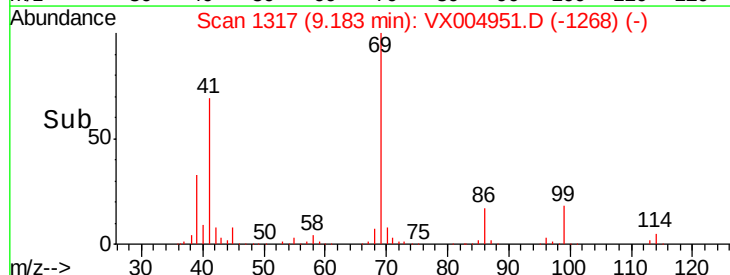
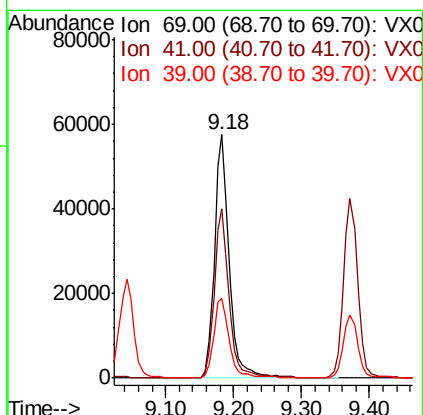
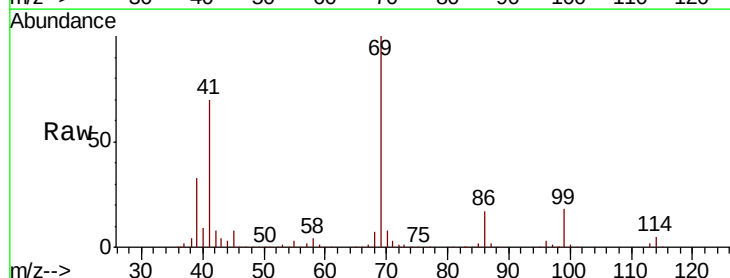
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003MBS01

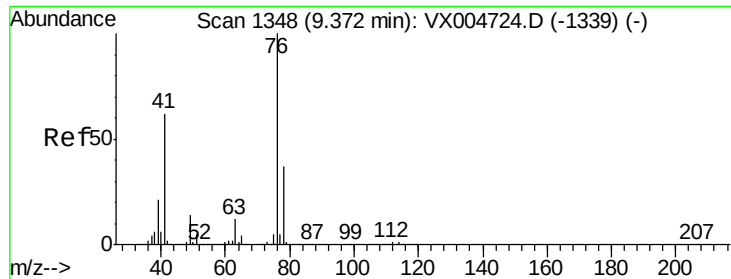
Tot Ion:	97	Resp:	59279
Ion	Ratio	Lower	Upper
97	100		
83	86.9	68.2	102.2
85	56.1	49.9	74.9
99	66.6	48.9	73.3



#56
 Ethyl methacrylate
 Concen: 20.334 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004951.D
 Acq: 03 Oct 2018 07:06

Tgt Ion:	69	Resp:	86677
Ion	Ratio	Lower	Upper
69	100		
41	68.9	56.9	85.3
39	34.5	28.4	42.6

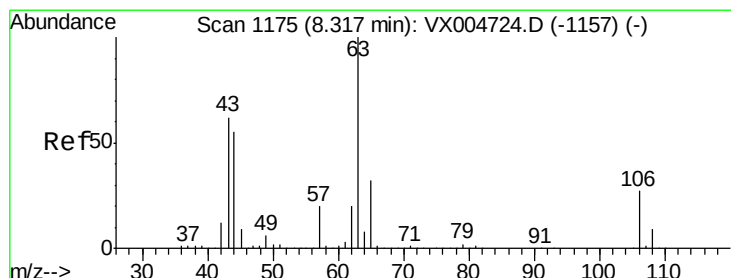
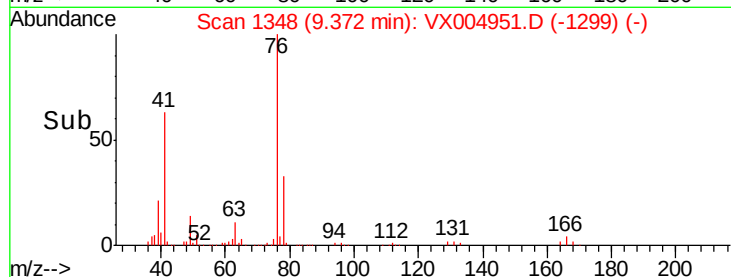
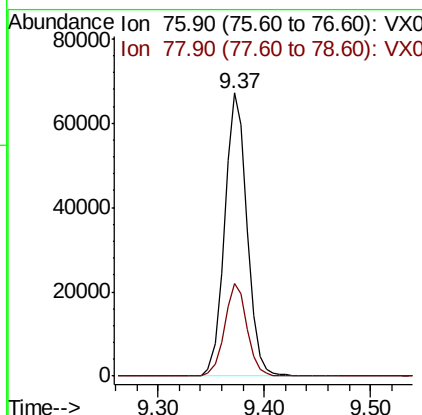
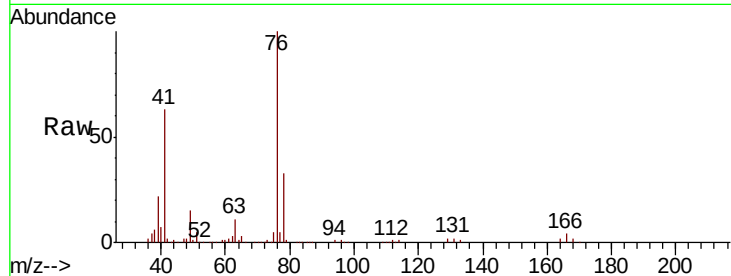




#57
 1,3-Dichloropropane
 Concen: 20.540 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX004951.D
 Acq: 03 Oct 2018 07:06

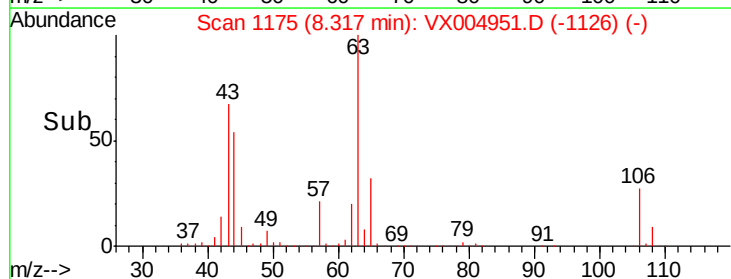
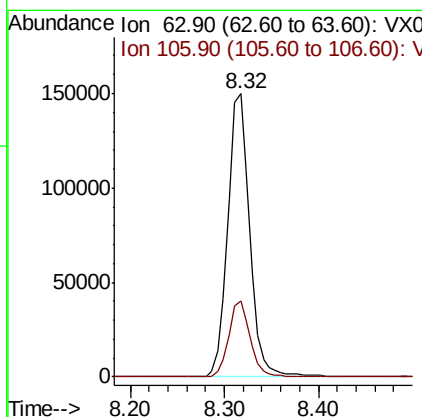
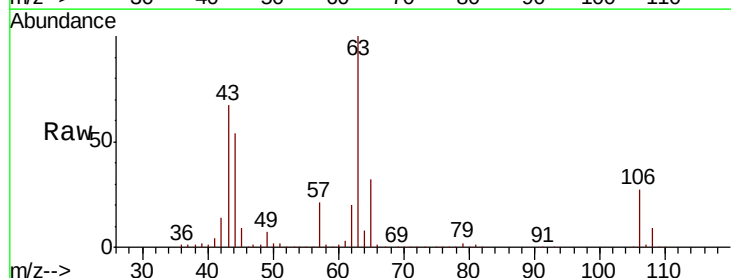
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003MBS01

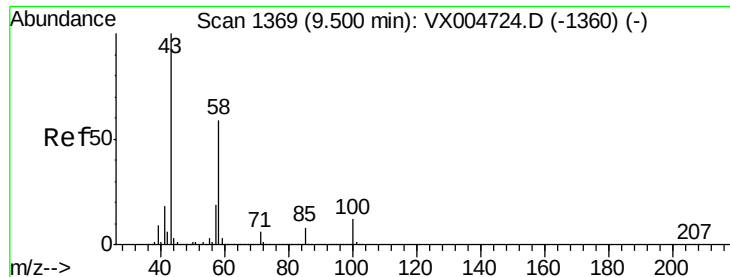
Tot Ion: 76 Resp: 98525
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.051 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX004951.D
 Acq: 03 Oct 2018 07:06

Tgt Ion: 63 Resp: 241764
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.0 31.6

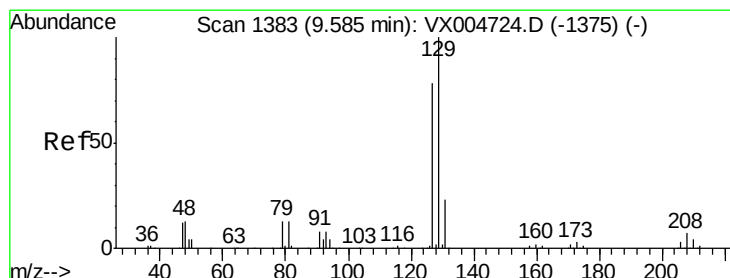
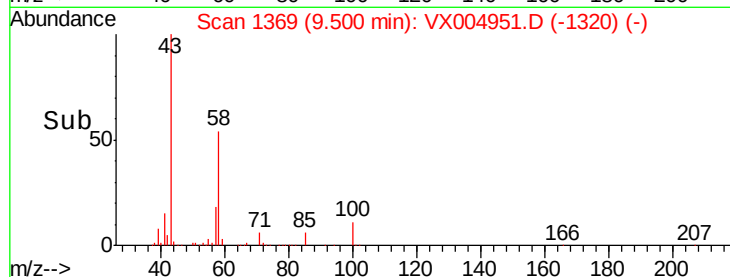
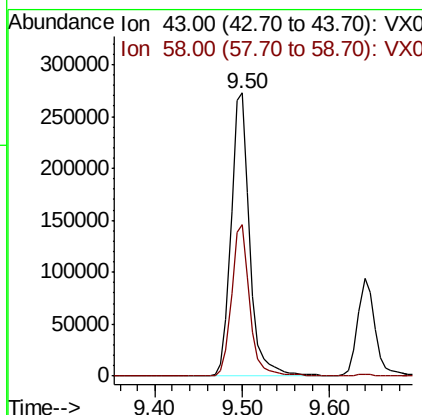
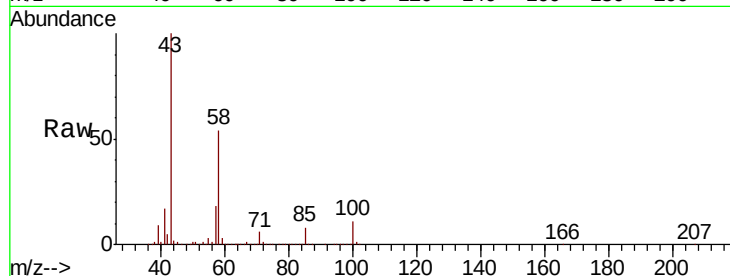




#59
2-Hexanone
Concen: 105.518 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004951.D
Acq: 03 Oct 2018 07:06

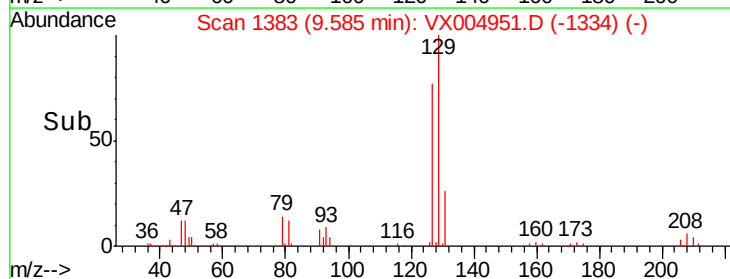
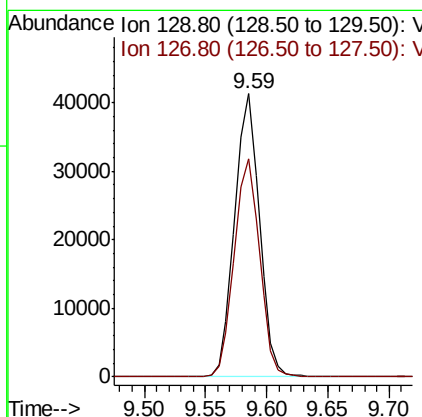
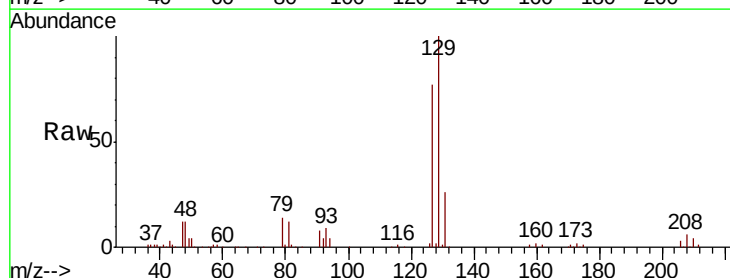
Instrument :
MSVOA_X
ClientSampleId :
VX1003MBS01

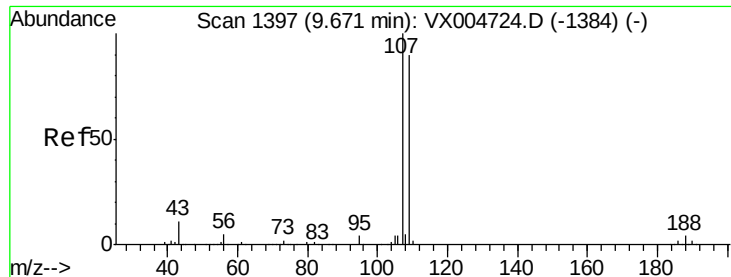
Tot Ion: 43 Resp: 405707
Ion Ratio Lower Upper
43 100
58 52.7 28.4 85.3



#60
Dibromochloromethane
Concen: 20.213 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004951.D
Acq: 03 Oct 2018 07:06

Tgt Ion: 129 Resp: 58261
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.2





#61

1,2-Dibromoethane

Concen: 19.751 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

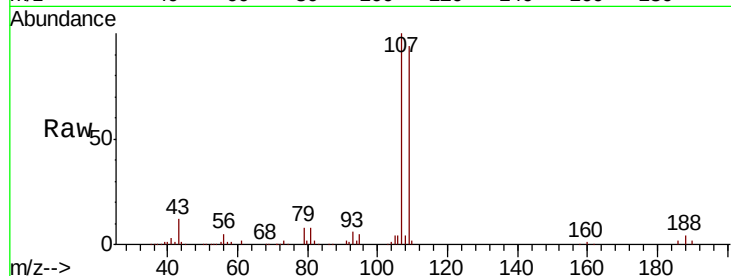
VX1003MBS01

Tot Ion:107 Resp: 60963

Ion Ratio Lower Upper

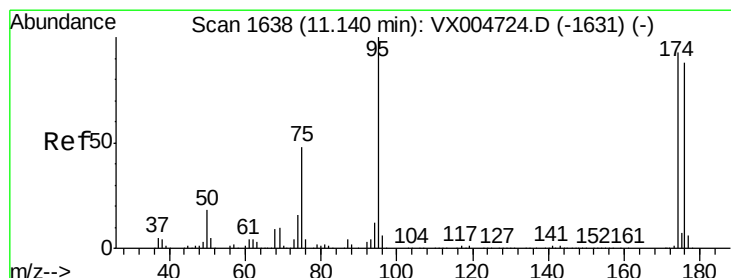
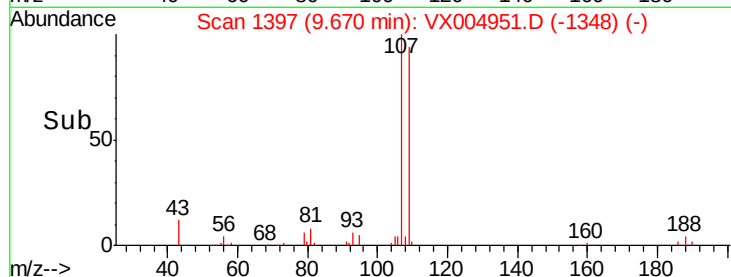
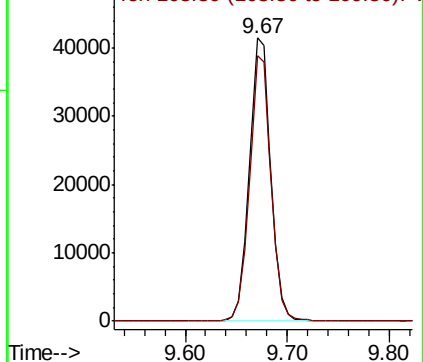
107 100

109 94.0 72.1 108.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.682 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

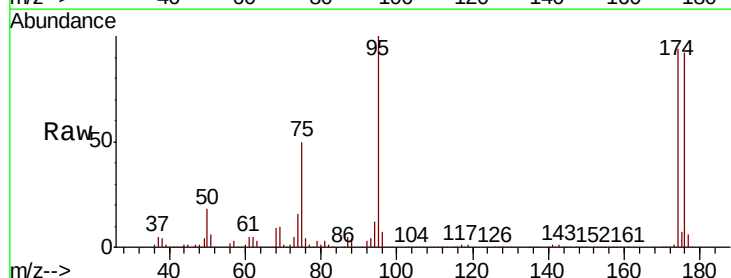
Tgt Ion: 95 Resp: 176879

Ion Ratio Lower Upper

95 100

174 91.0 0.0 185.0

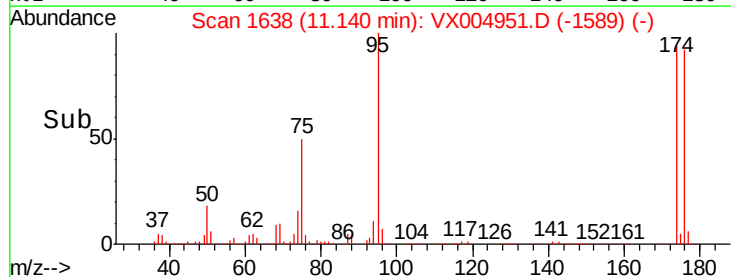
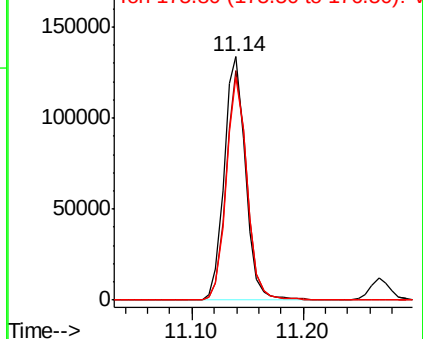
176 89.2 0.0 180.2

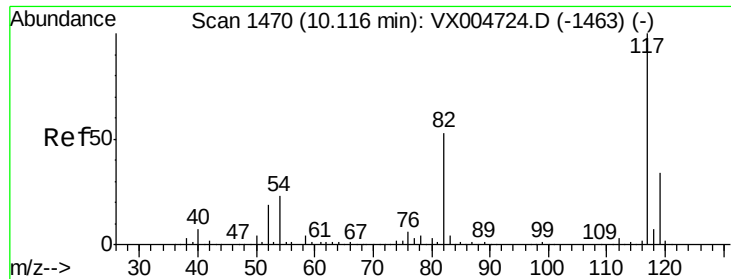


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

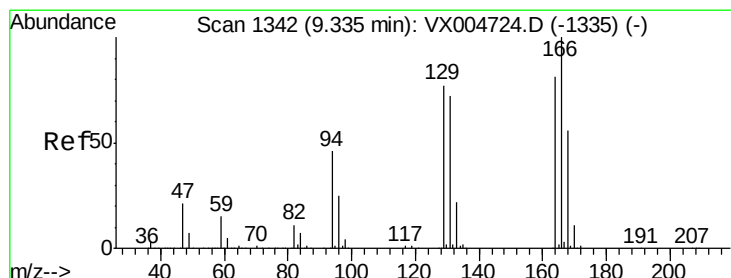
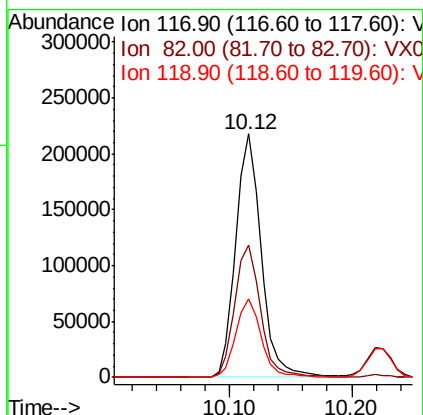
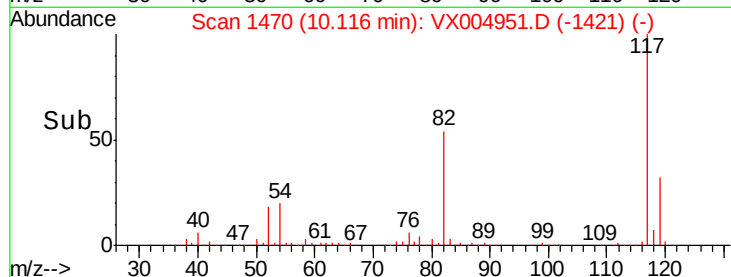
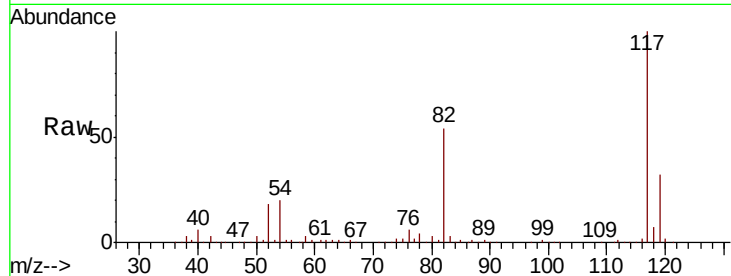




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004951.D
Acq: 03 Oct 2018 07:06

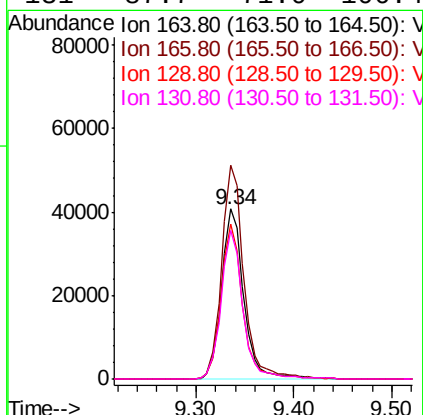
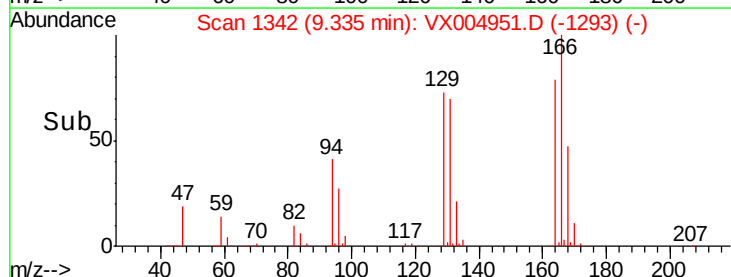
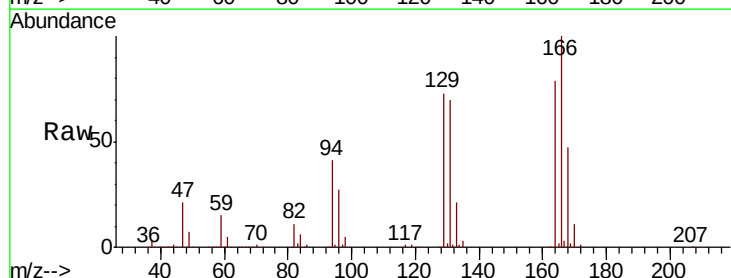
Instrument :
MSVOA_X
ClientSampled :
VX1003MBS01

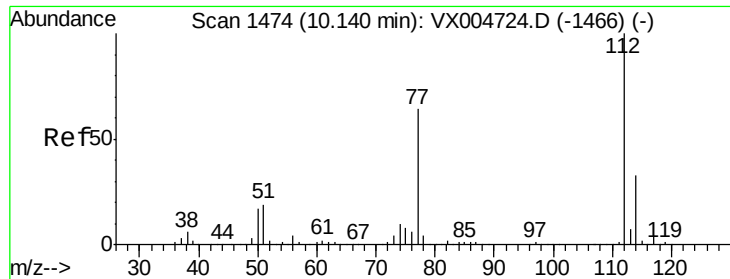
Tot Ion:117 Resp: 314512
Ion Ratio Lower Upper
117 100
82 54.1 42.2 63.4
119 32.2 27.4 41.0



#64
Tetrachloroethene
Concen: 20.820 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004951.D
Acq: 03 Oct 2018 07:06

Tgt Ion:164 Resp: 64447
Ion Ratio Lower Upper
164 100
166 125.8 98.4 147.6
129 91.4 76.1 114.1
131 87.7 71.0 106.4

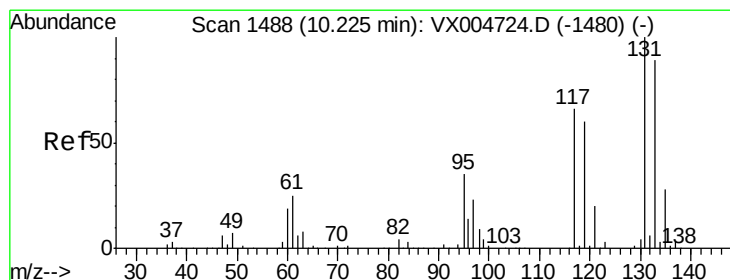
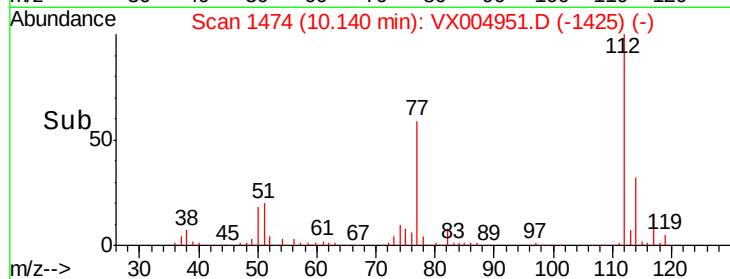
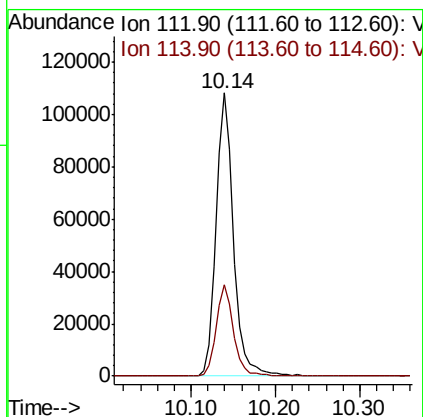
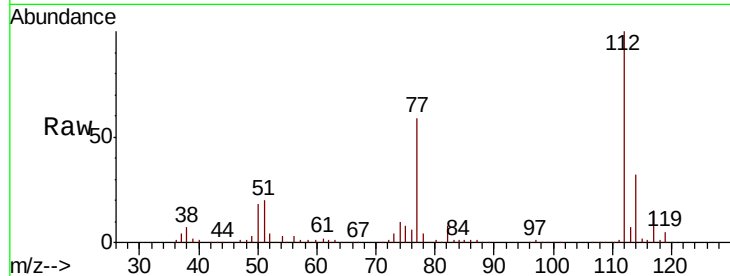




#65
Chlorobenzene
Concen: 19.284 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004951.D
Acq: 03 Oct 2018 07:06

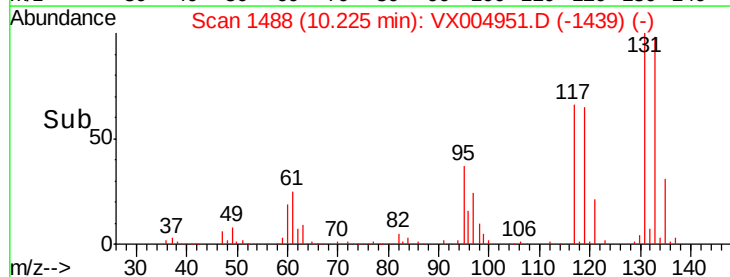
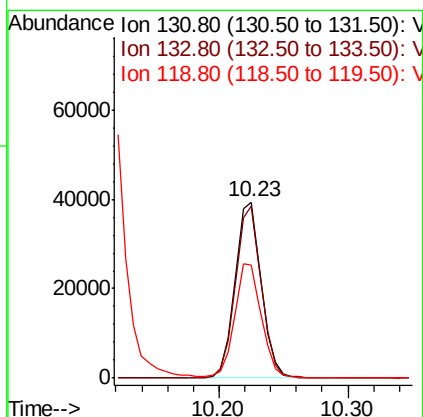
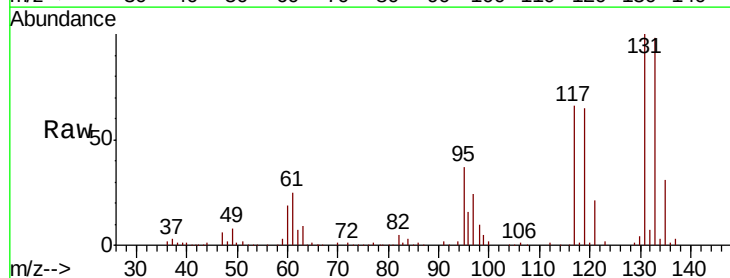
Instrument :
MSVOA_X
ClientSampleId :
VX1003MBS01

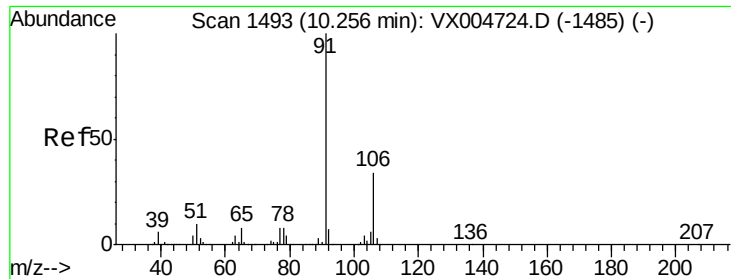
Tot Ion:112 Resp: 155525
Ion Ratio Lower Upper
112 100
114 32.2 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.682 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004951.D
Acq: 03 Oct 2018 07:06

Tgt Ion:131 Resp: 55804
Ion Ratio Lower Upper
131 100
133 96.7 48.4 145.0
119 66.8 32.3 96.8





#67

Ethyl Benzene

Concen: 19.876 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

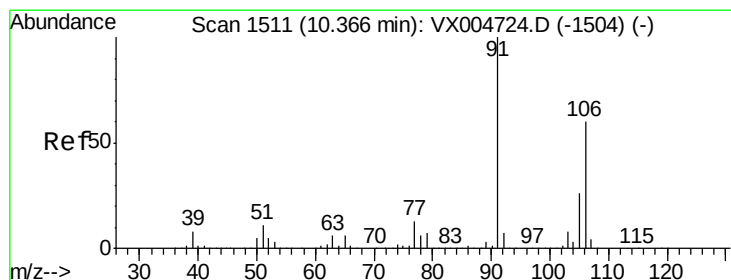
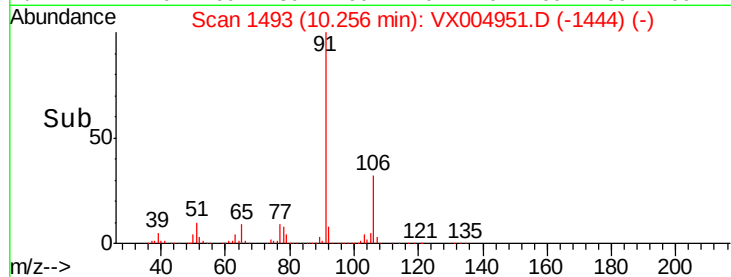
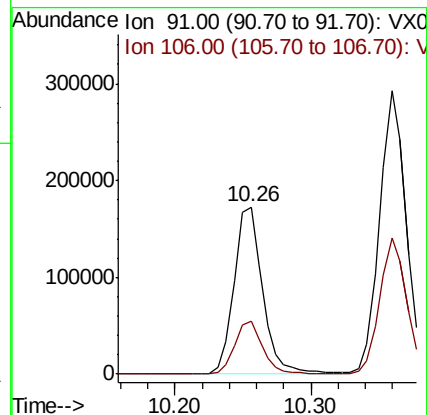
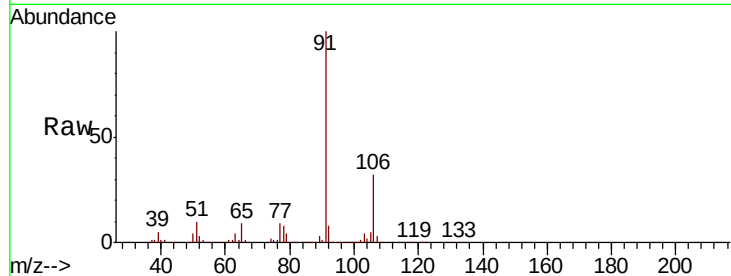
VX1003MBS01

Tot Ion: 91 Resp: 254499

Ion Ratio Lower Upper

91 100

106 31.5 26.9 40.3



#68

m/p-Xylenes

Concen: 39.864 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004951.D

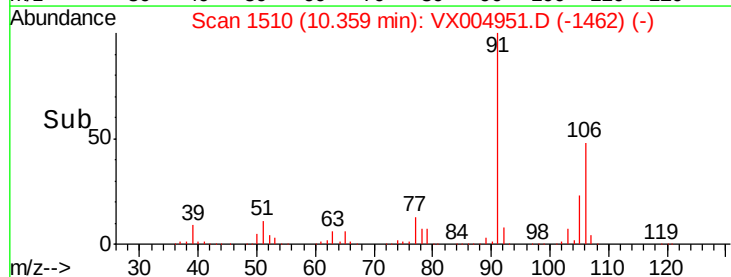
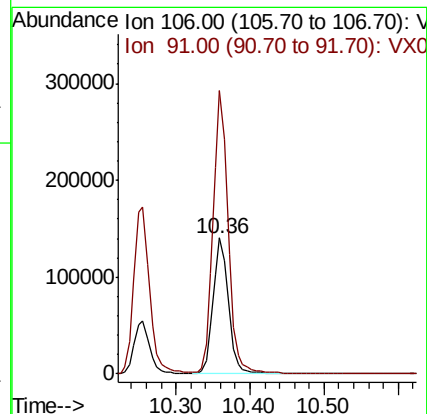
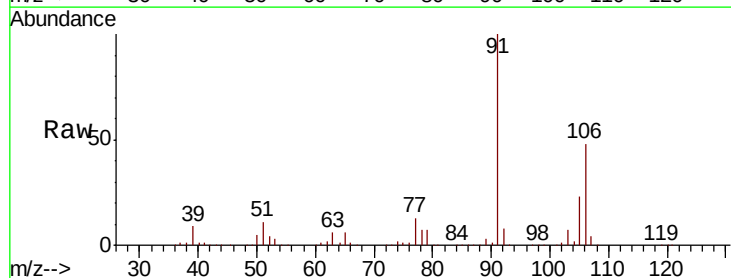
Acq: 03 Oct 2018 07:06

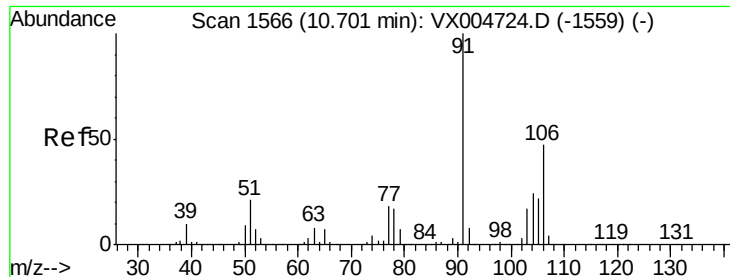
Tgt Ion: 106 Resp: 199459

Ion Ratio Lower Upper

106 100

91 204.9 157.5 236.3

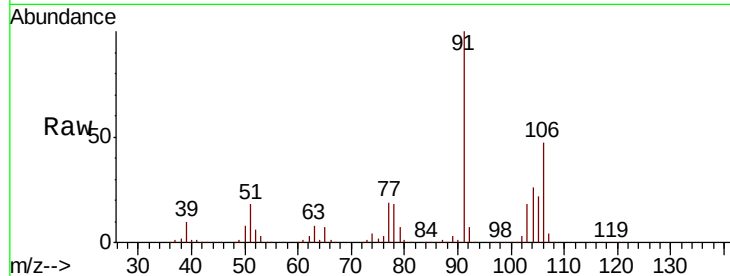




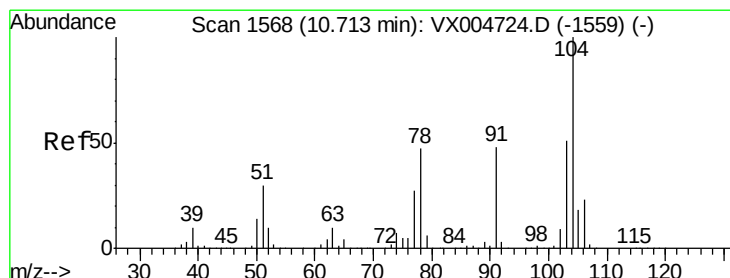
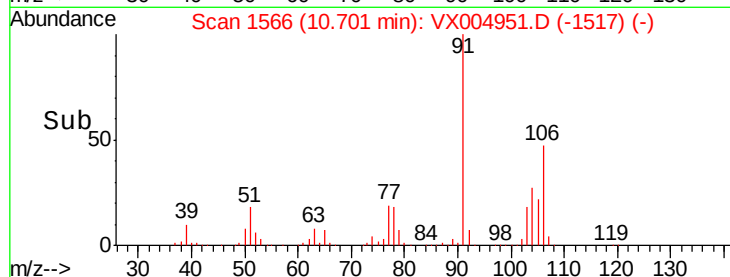
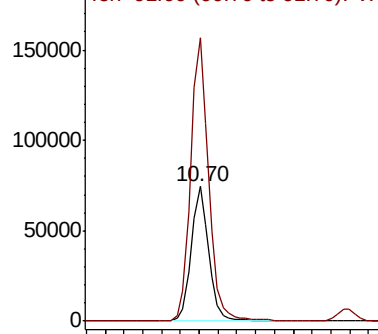
#69
o-Xylene
Concen: 20.987 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004951.D
Acq: 03 Oct 2018 07:06

Instrument :
MSVOA_X
ClientSampleId :
VX1003MBS01

Tot Ion:106 Resp: 96450
Ion Ratio Lower Upper
106 100
91 214.4 108.3 324.8

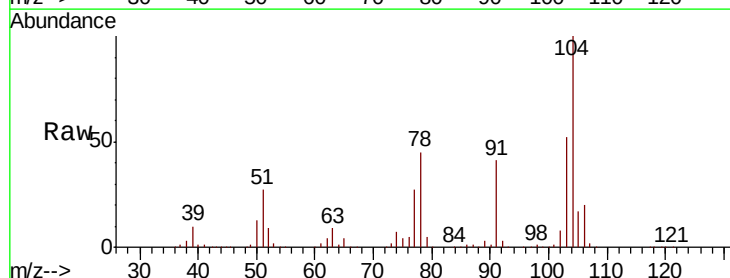


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

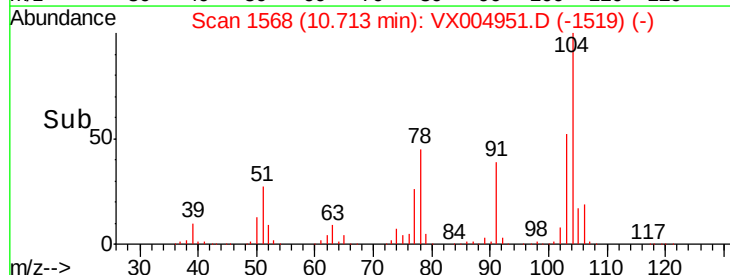
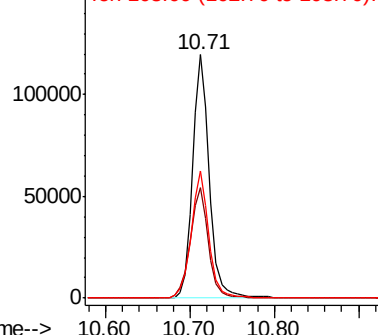


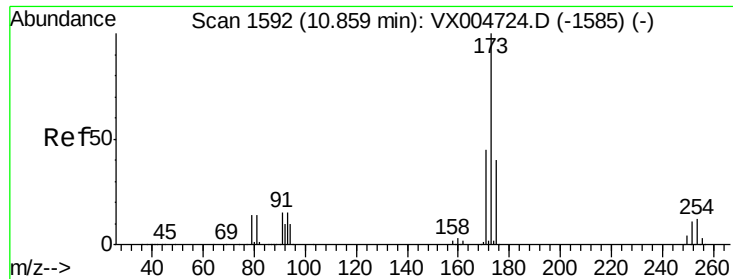
#70
Styrene
Concen: 20.327 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004951.D
Acq: 03 Oct 2018 07:06

Tgt Ion:104 Resp: 163313
Ion Ratio Lower Upper
104 100
78 49.8 40.0 60.0
103 55.3 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.375 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VX1003MBS01

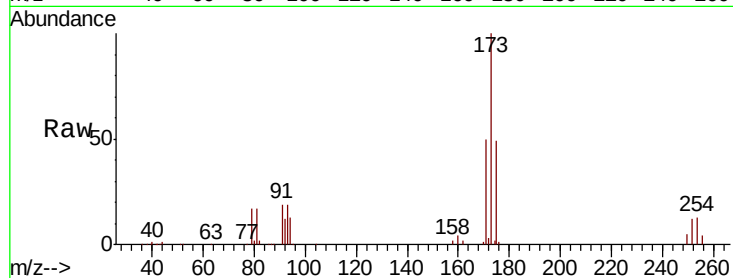
Tot Ion:173 Resp: 47031

Ion Ratio Lower Upper

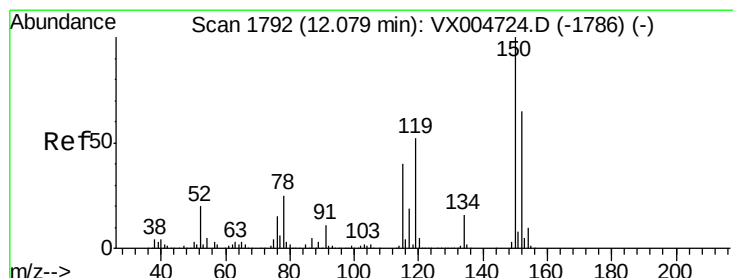
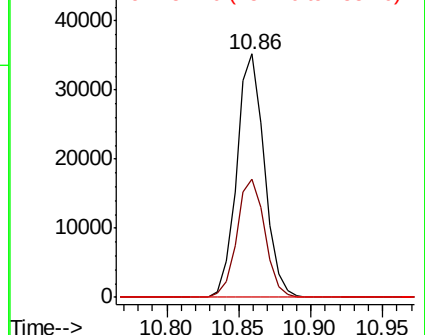
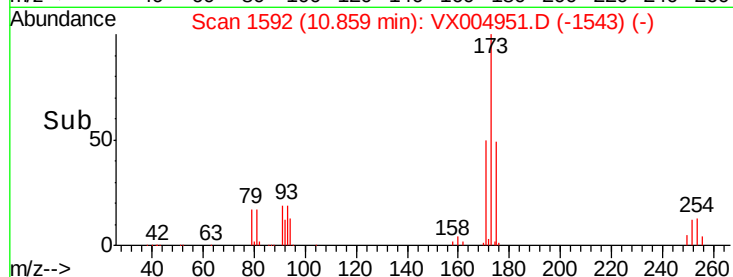
173 100

175 49.4 23.3 69.8

254 0.0 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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

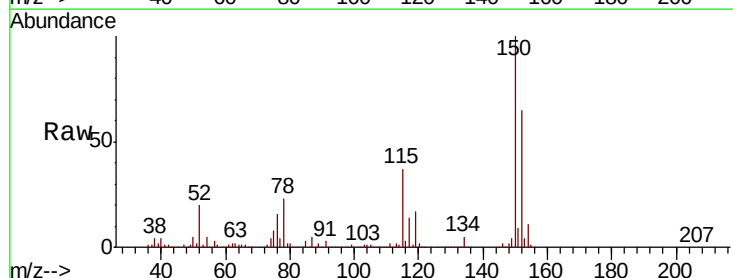
Tgt Ion:152 Resp: 188469

Ion Ratio Lower Upper

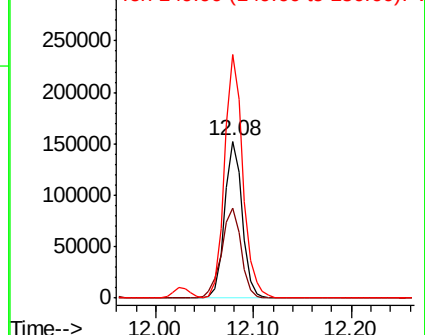
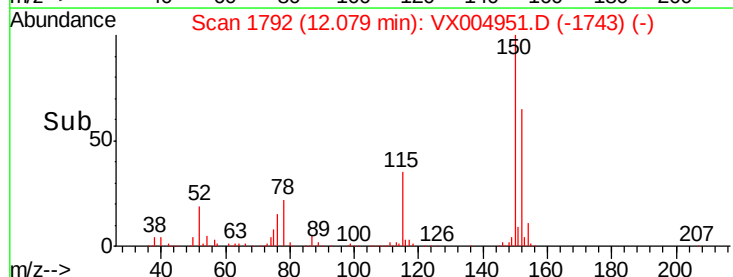
152 100

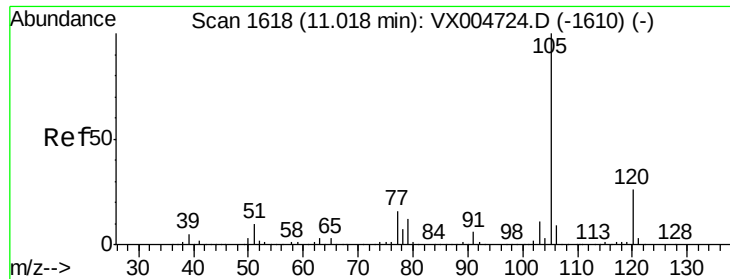
115 65.0 40.2 120.6

150 163.0 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: 21.678 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

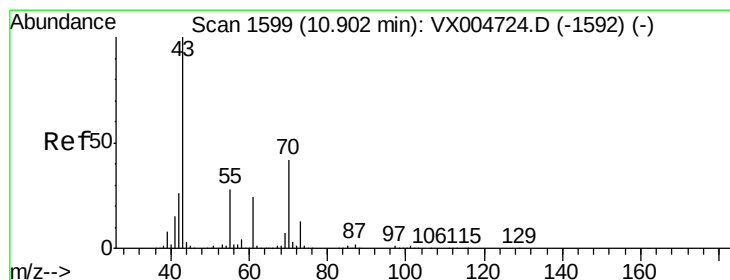
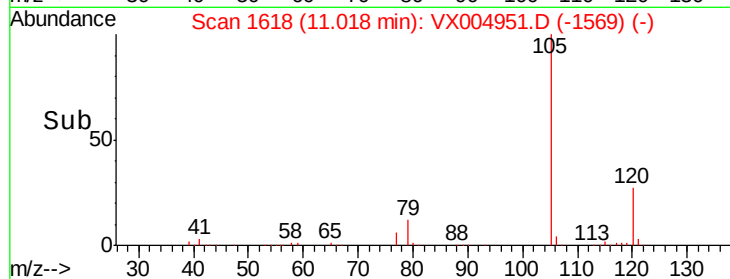
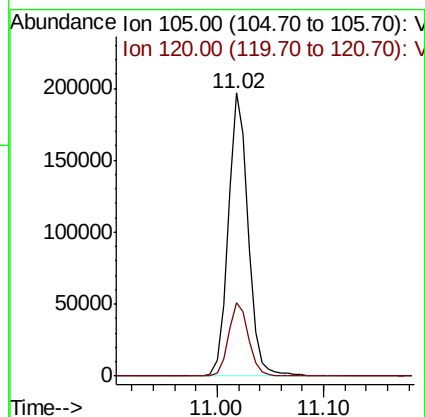
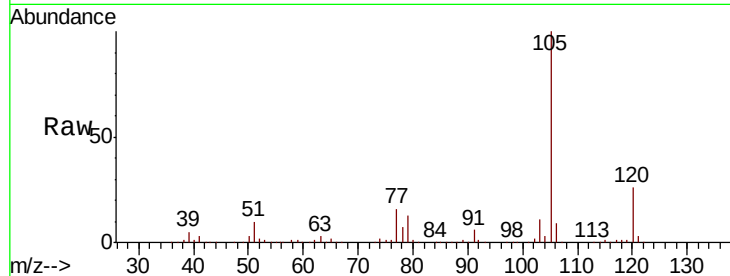
VX1003MBS01

Tot Ion: 105 Resp: 257520

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5



#74

N-ethyl acetate

Concen: 19.846 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

Tgt Ion: 43 Resp: 122450

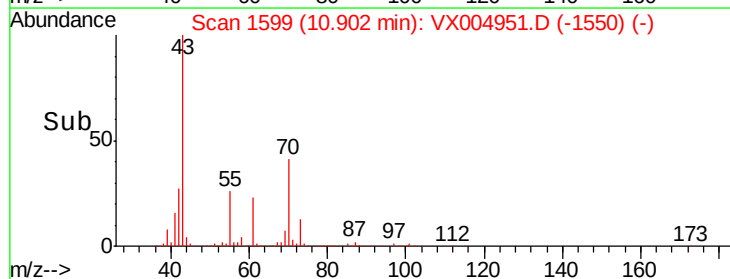
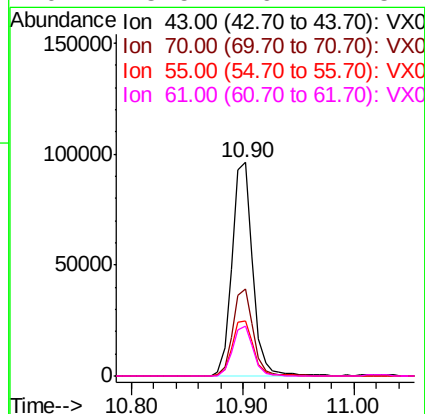
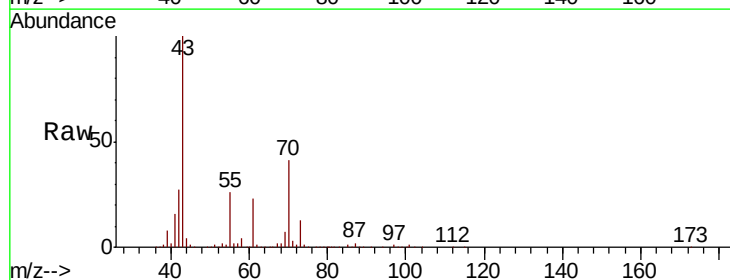
Ion Ratio Lower Upper

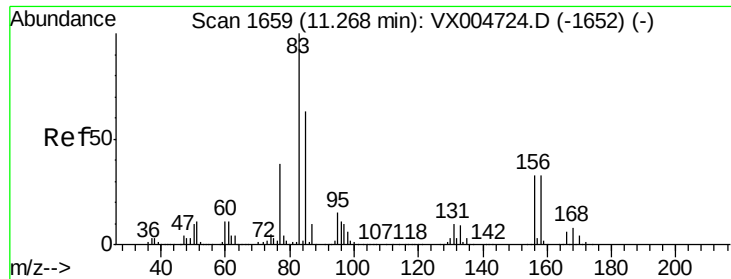
43 100

70 40.5 32.6 48.8

55 26.5 21.6 32.4

61 23.5 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.386 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VX1003MBS01

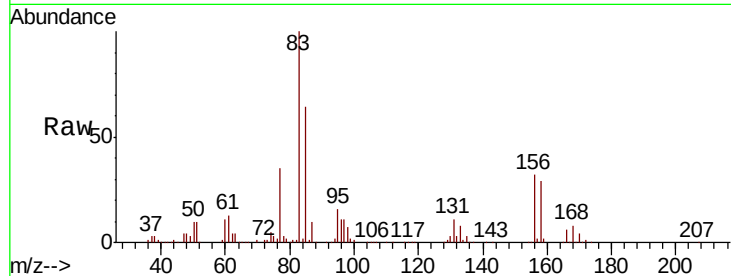
Tot Ion: 83 Resp: 93744

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.3

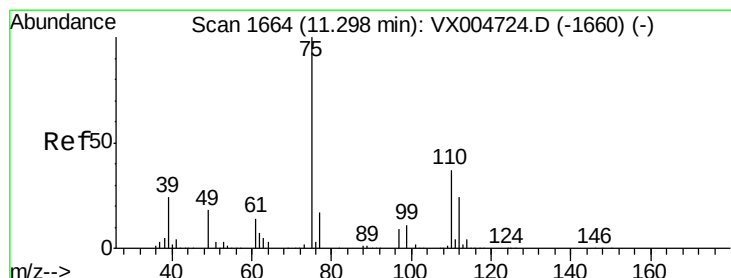
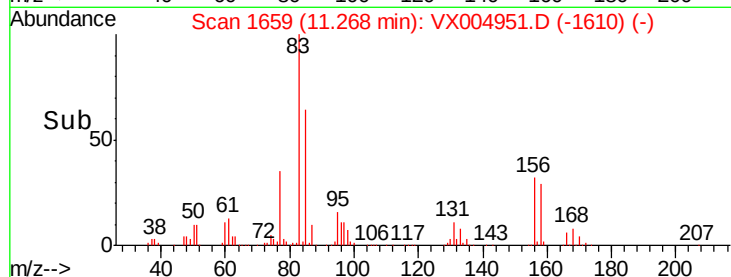
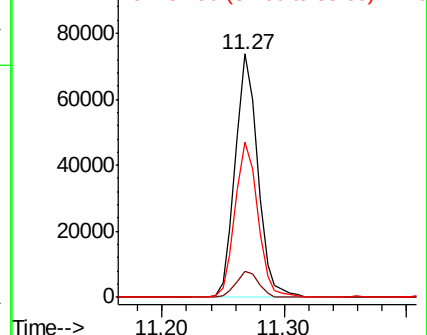
85 64.7 31.9 95.9



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: 24.331 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004951.D

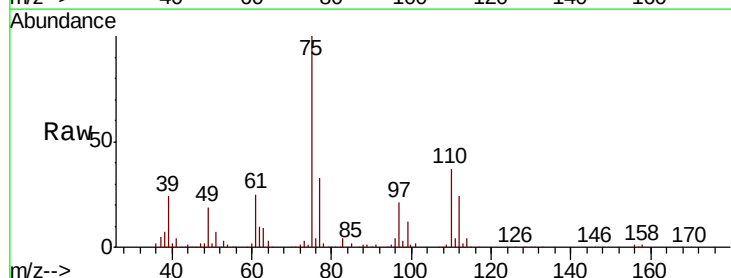
Acq: 03 Oct 2018 07:06

Tgt Ion: 75 Resp: 102779

Ion Ratio Lower Upper

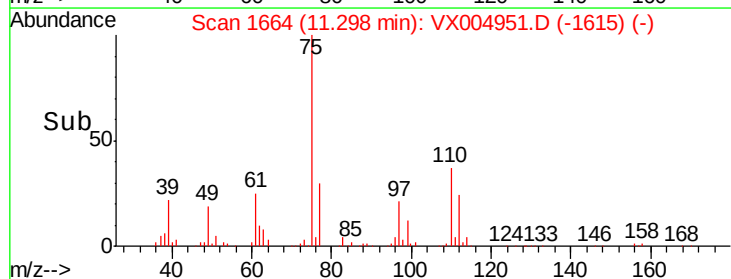
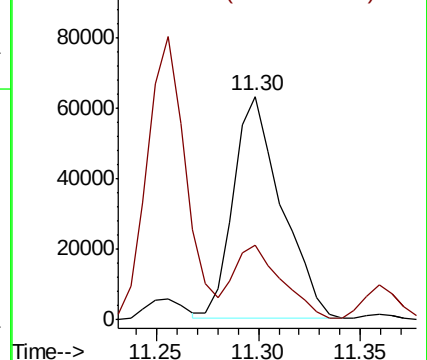
75 100

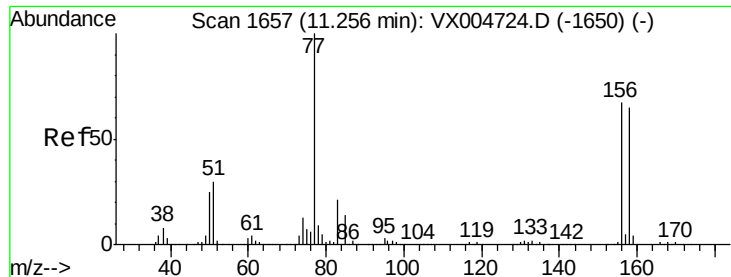
77 33.8 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.828 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VX1003MBS01

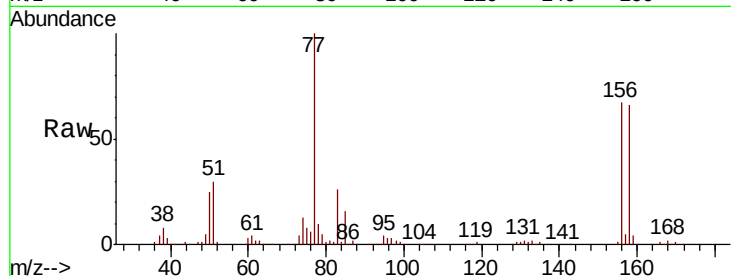
Tot Ion:156 Resp: 71865

Ion Ratio Lower Upper

156 100

77 147.3 73.4 220.2

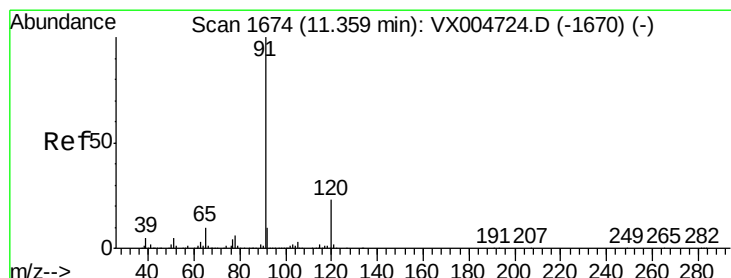
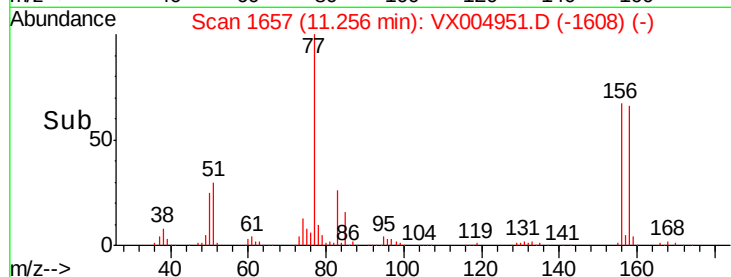
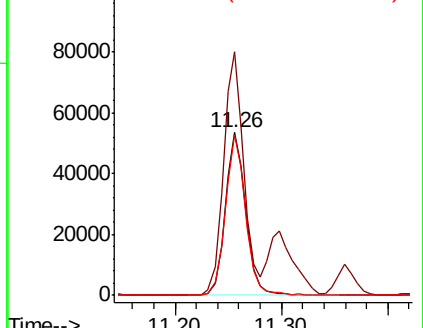
158 97.5 49.1 147.4



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: 21.701 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004951.D

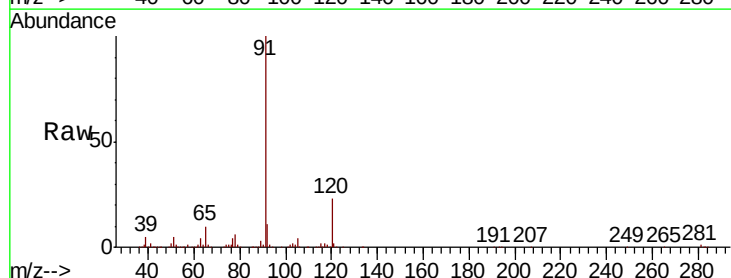
Acq: 03 Oct 2018 07:06

Tgt Ion: 91 Resp: 295790

Ion Ratio Lower Upper

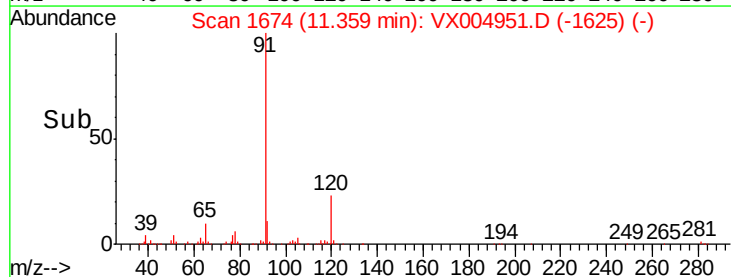
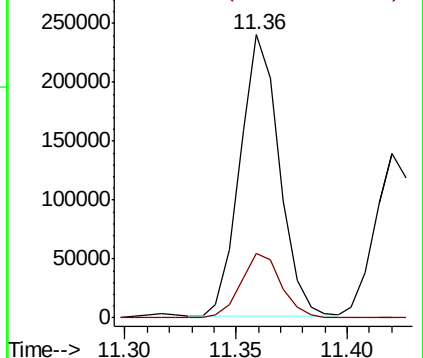
91 100

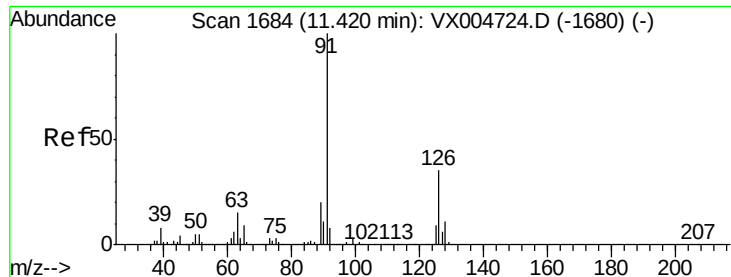
120 23.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.040 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

Instrument :

MSVOA_X

ClientSampled :

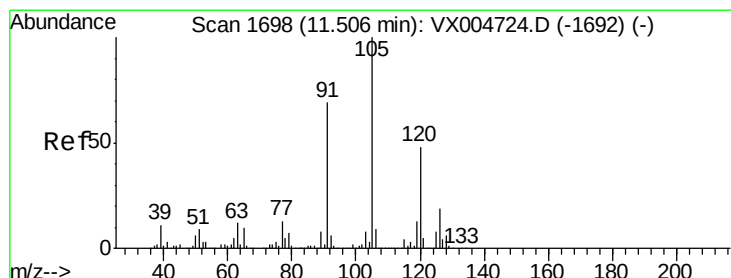
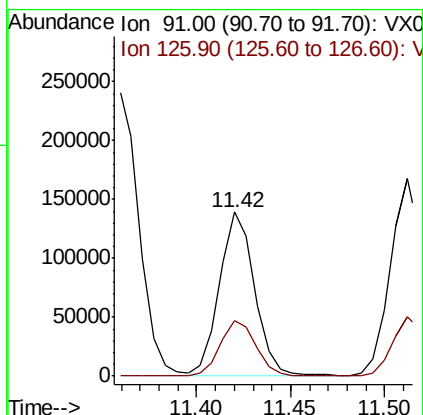
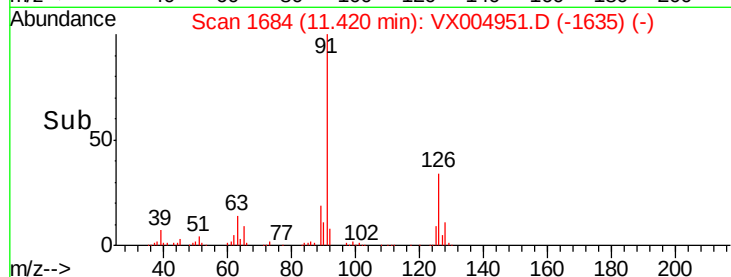
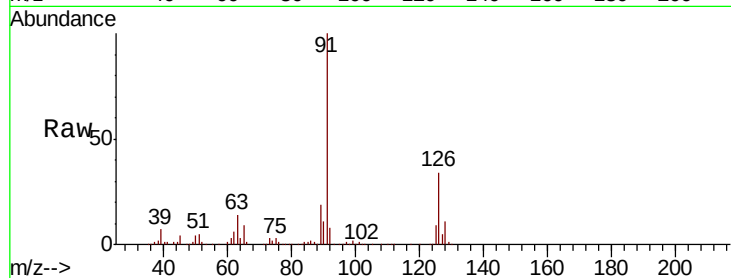
VX1003MBS01

Tot Ion: 91 Resp: 178758

Ion Ratio Lower Upper

91 100

126 35.2 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 19.985 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004951.D

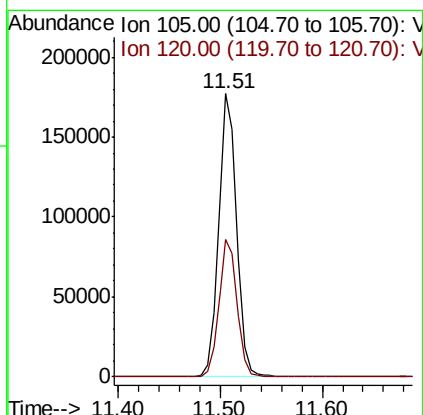
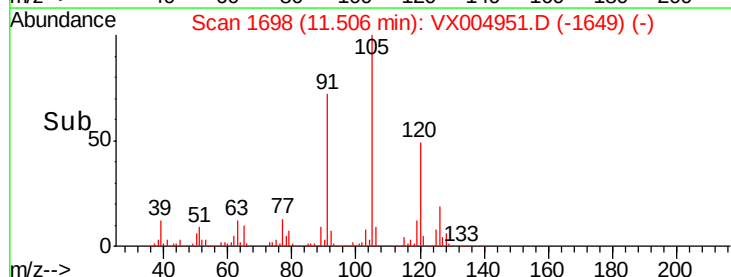
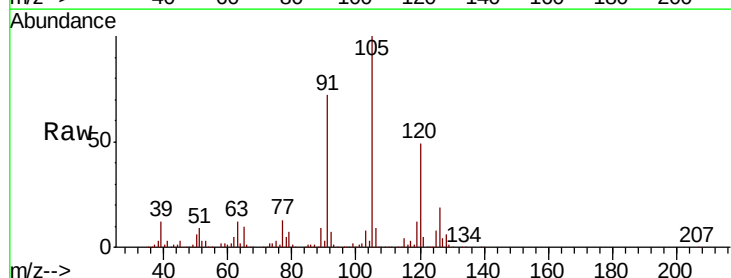
Acq: 03 Oct 2018 07:06

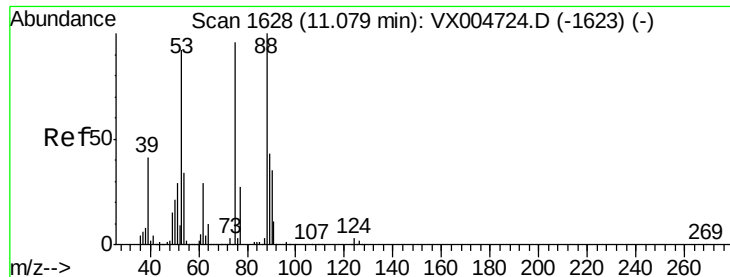
Tgt Ion: 105 Resp: 218884

Ion Ratio Lower Upper

105 100

120 49.0 24.3 72.8

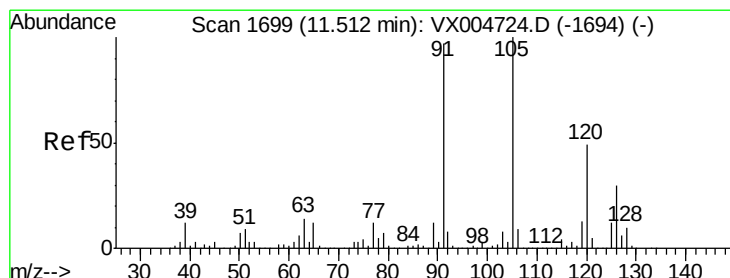
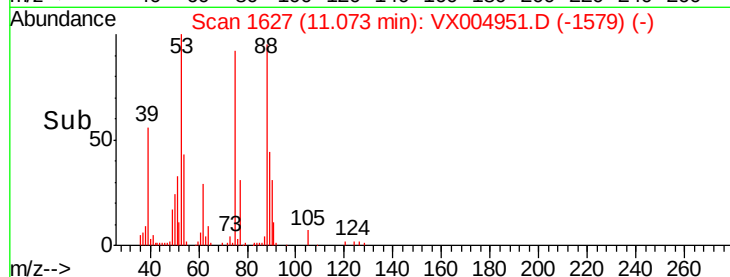
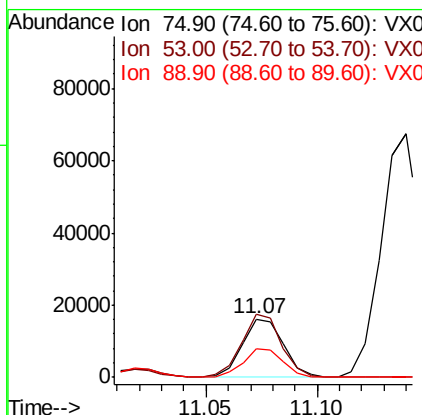
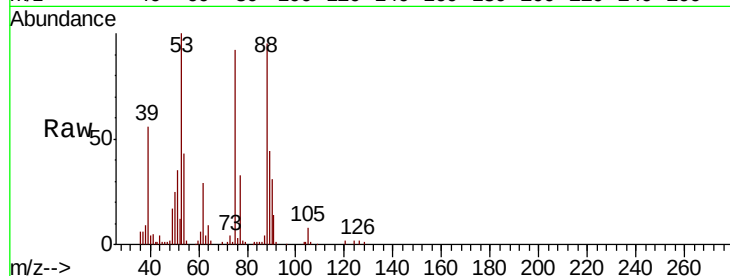




#81
trans-1,4-Dichloro-2-butene
Concen: 14.764 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.01 min
Lab File: VX004951.D
Acq: 03 Oct 2018 07:06

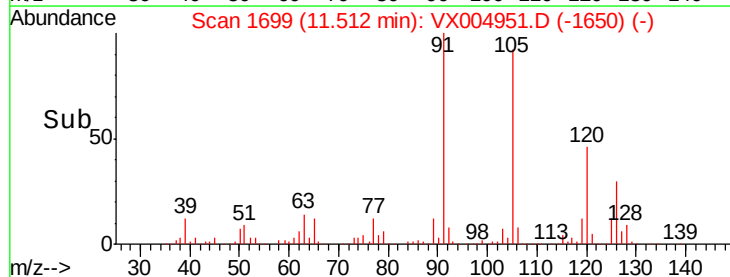
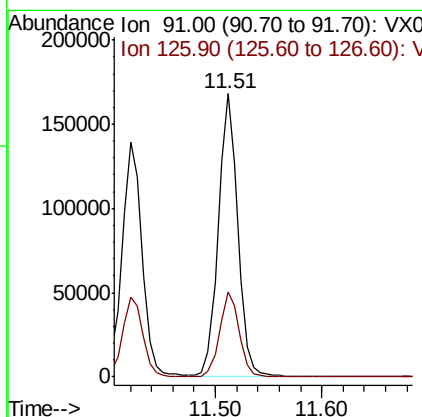
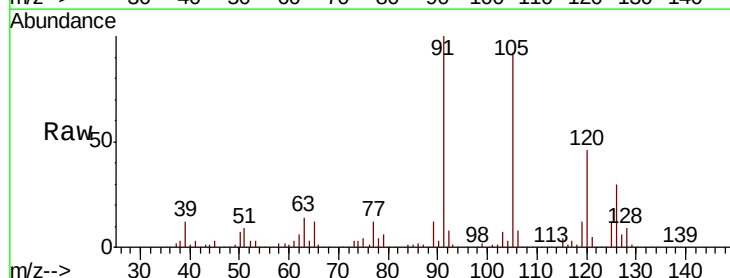
Instrument :
MSVOA_X
ClientSampleId :
VX1003MBS01

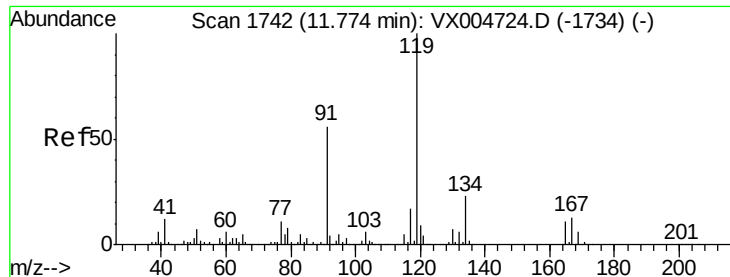
Tot Ion: 75 Resp: 20608
Ion Ratio Lower Upper
75 100
53 105.1 80.2 120.4
89 48.5 37.1 55.7



#82
4-Chlorotoluene
Concen: 21.363 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX004951.D
Acq: 03 Oct 2018 07:06

Tgt Ion: 91 Resp: 213638
Ion Ratio Lower Upper
91 100
126 30.1 15.5 46.5





#83

tert-Butylbenzene

Concen: 21.381 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VX1003MBS01

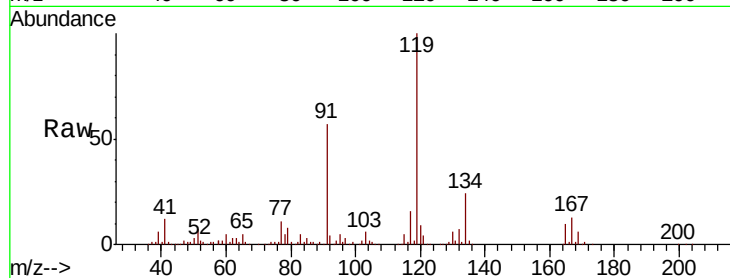
Tot Ion:119 Resp: 209123

Ion Ratio Lower Upper

119 100

91 57.2 27.5 82.5

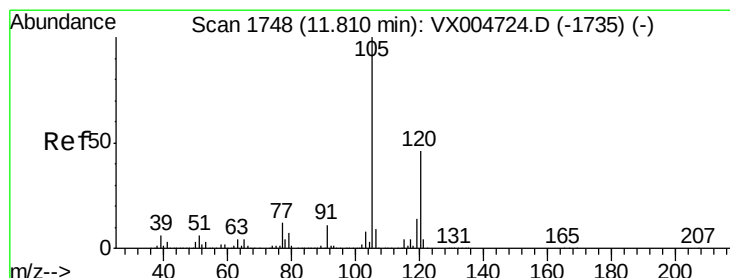
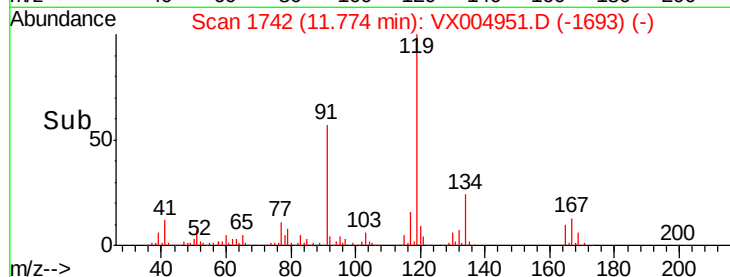
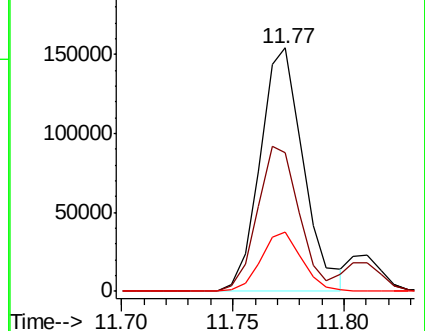
134 23.2 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.173 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VX004951.D

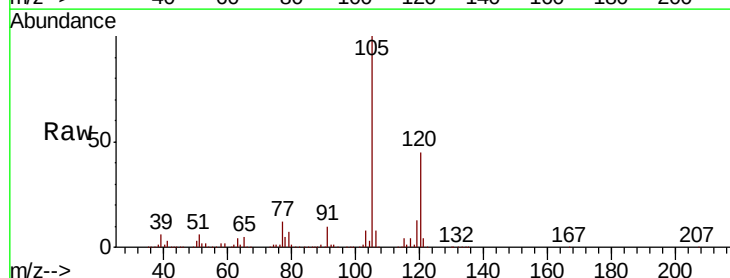
Acq: 03 Oct 2018 07:06

Tgt Ion:105 Resp: 227836

Ion Ratio Lower Upper

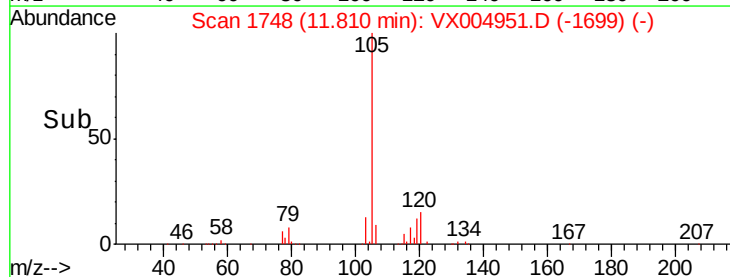
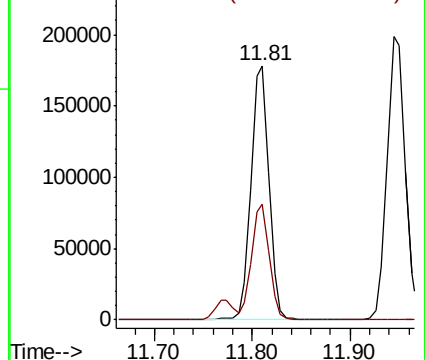
105 100

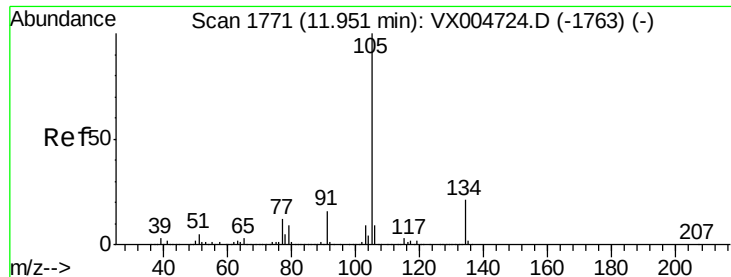
120 44.7 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.505 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

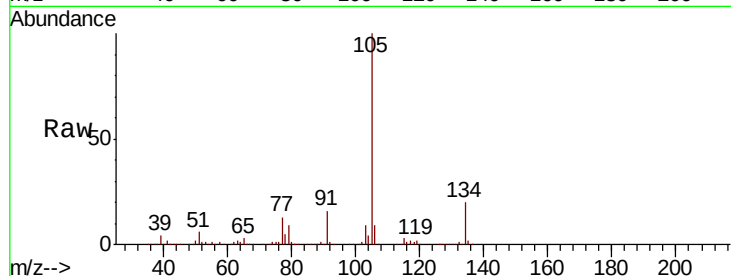
VX1003MBS01

Tot Ion:105 Resp: 256195

Ion Ratio Lower Upper

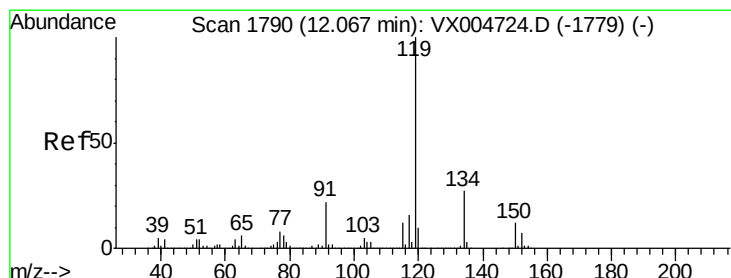
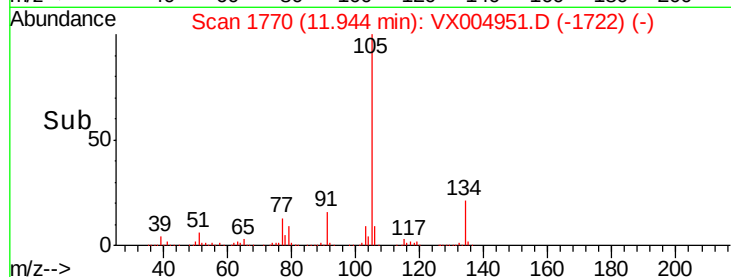
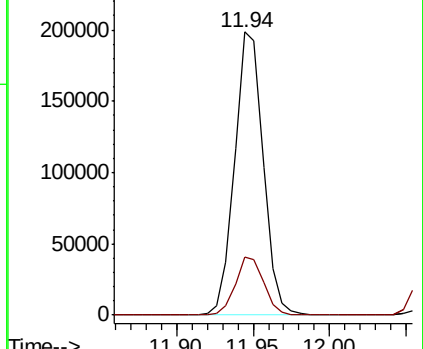
105 100

134 20.5 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.286 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

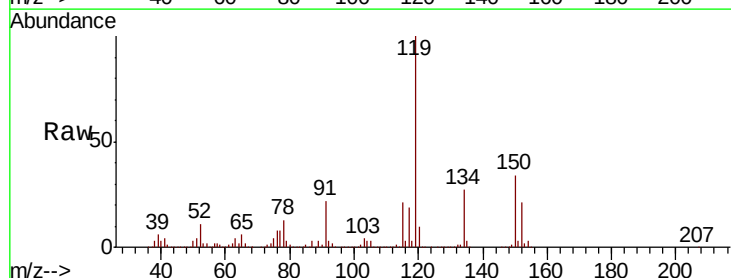
Tgt Ion:119 Resp: 229749

Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.1

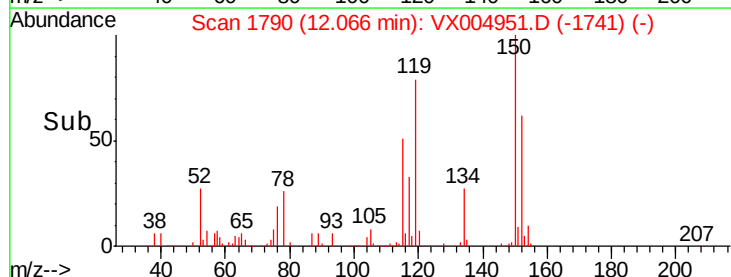
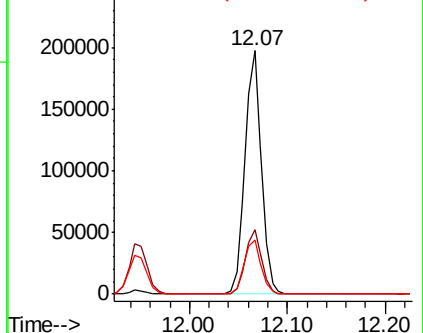
91 23.0 11.5 34.4

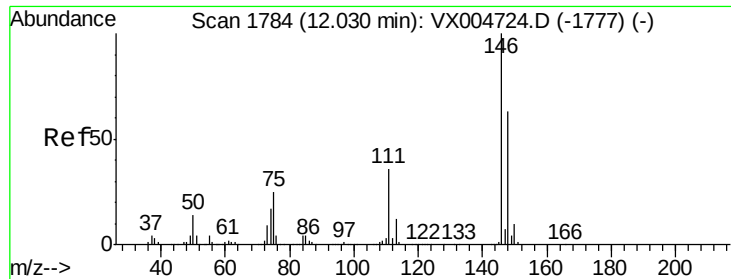


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 20.019 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VX1003MBS01

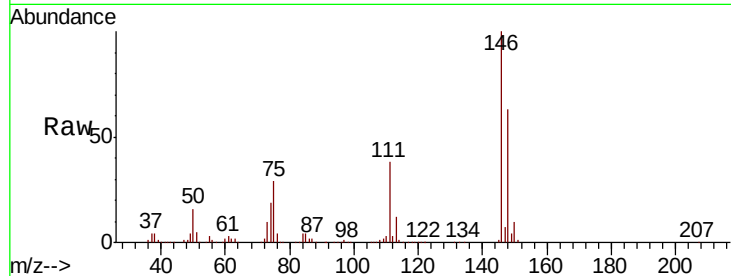
Tot Ion:146 Resp: 128981

Ion Ratio Lower Upper

146 100

111 38.8 18.9 56.9

148 63.9 31.8 95.3

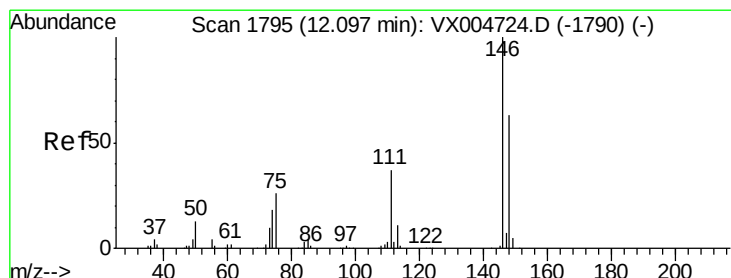
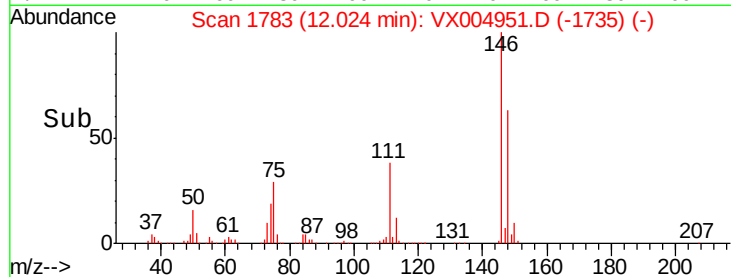
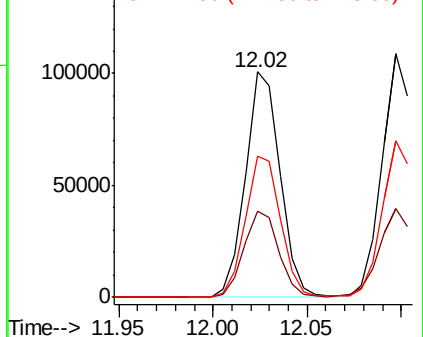


Abundance

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



#88

1,4-Dichlorobenzene

Concen: 19.802 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX004951.D

Acq: 03 Oct 2018 07:06

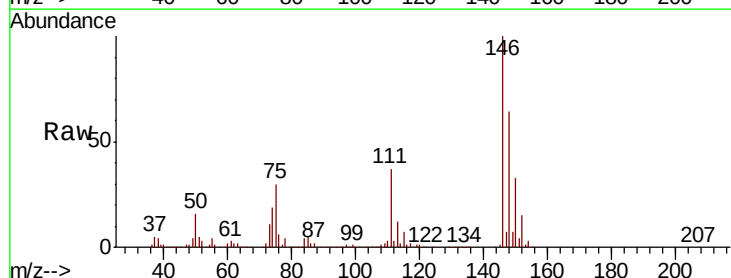
Tgt Ion:146 Resp: 131704

Ion Ratio Lower Upper

146 100

111 38.2 18.4 55.2

148 64.6 32.0 96.0

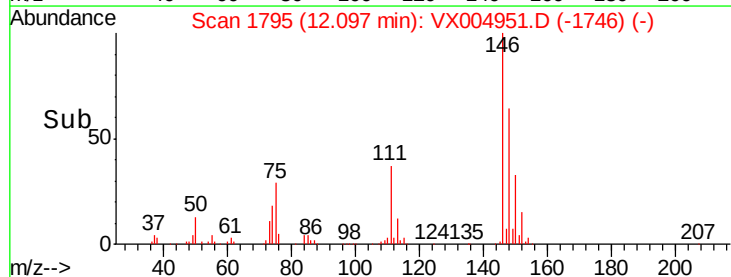
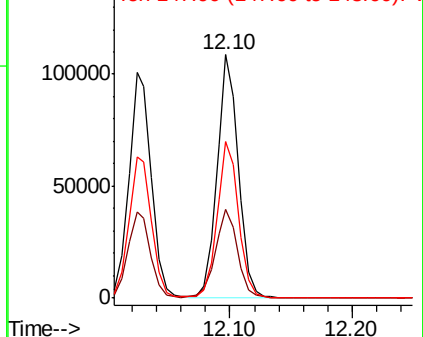


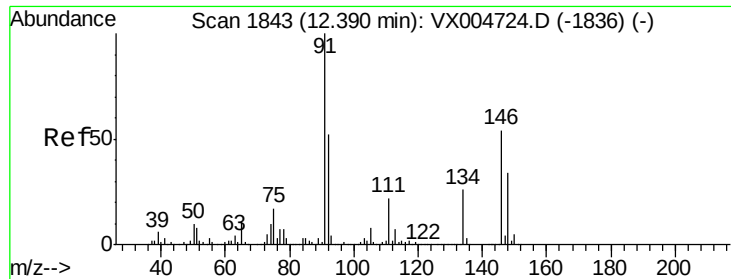
Abundance

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

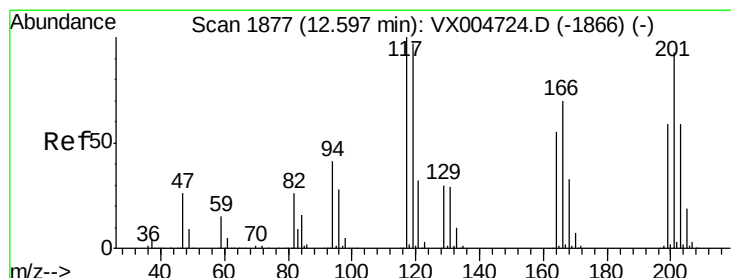
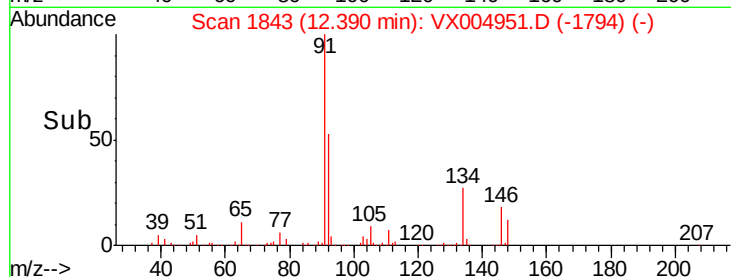
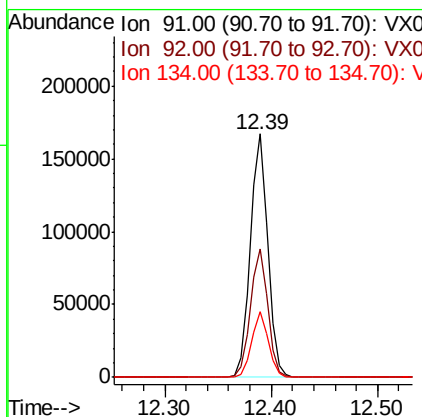
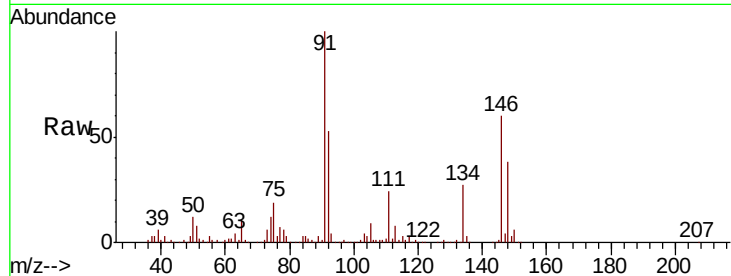




#89
n-Butylbenzene
Concen: 19.650 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004951.D
Acq: 03 Oct 2018 07:06

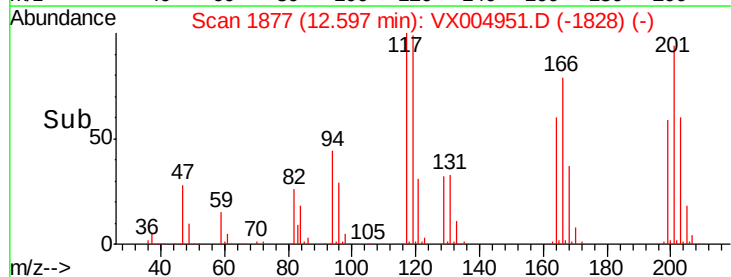
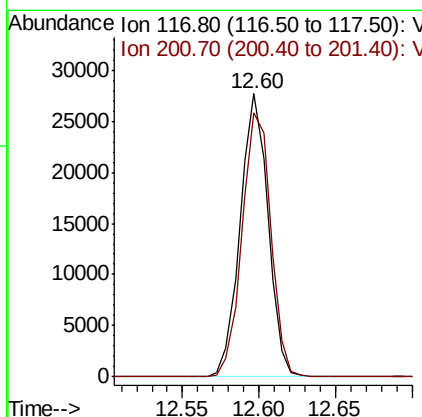
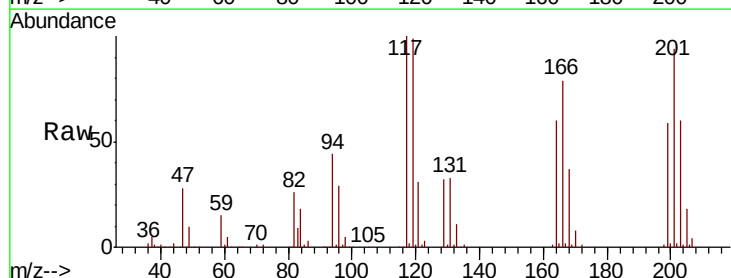
Instrument :
MSVOA_X
ClientSampled :
VX1003MBS01

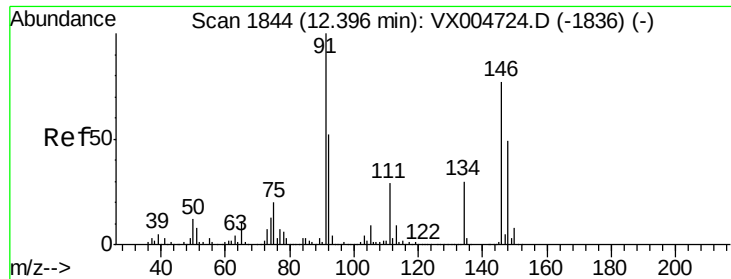
Tot Ion: 91 Resp: 192615
Ion Ratio Lower Upper
91 100
92 52.5 26.0 78.0
134 26.0 13.2 39.6



#90
Hexachloroethane
Concen: 19.463 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004951.D
Acq: 03 Oct 2018 07:06

Tgt Ion: 117 Resp: 34976
Ion Ratio Lower Upper
117 100
201 96.3 48.4 145.0

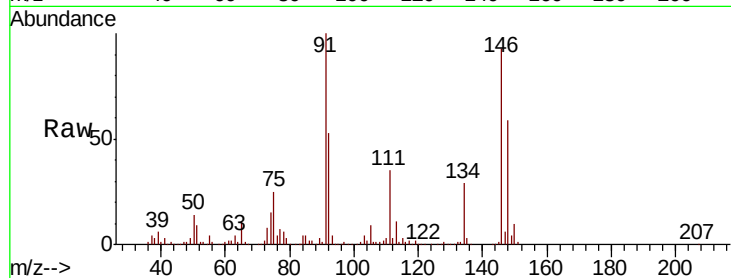




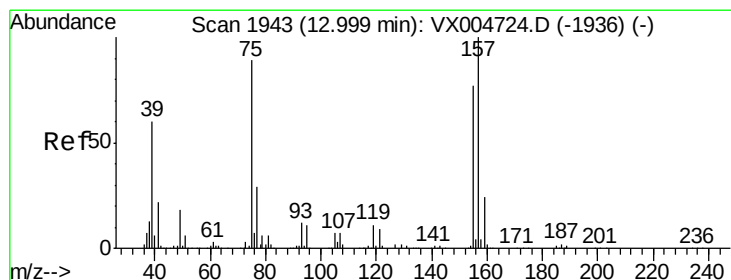
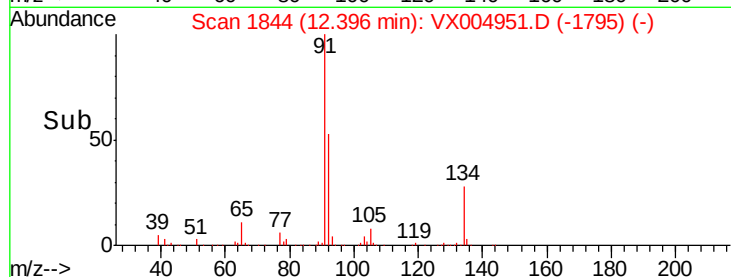
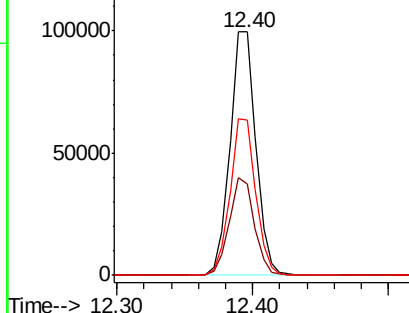
#91
 1,2-Dichlorobenzene
 Concen: 19.515 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VX004951.D
 Acq: 03 Oct 2018 07:06

Instrument :
 MSVOA_X
 ClientSampled :
 VX1003MBS01

Tot Ion:146 Resp: 131399
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.6 58.7
 148 63.8 31.8 95.4

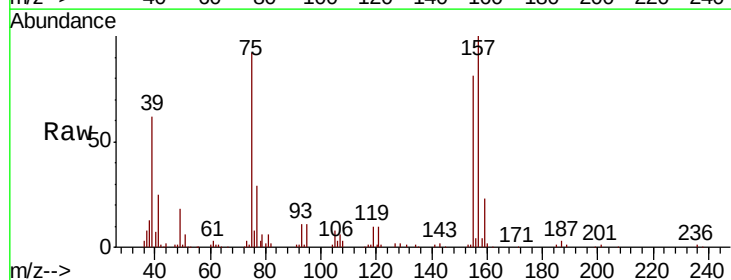


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

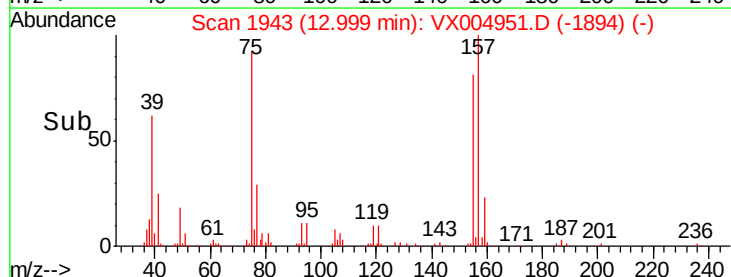
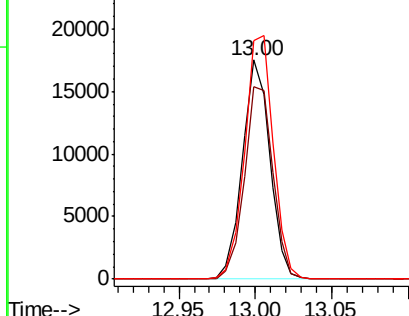


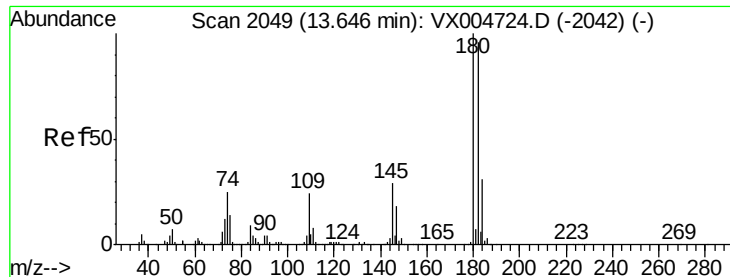
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.611 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004951.D
 Acq: 03 Oct 2018 07:06

Tgt Ion: 75 Resp: 21884
 Ion Ratio Lower Upper
 75 100
 155 90.9 46.1 138.3
 157 115.4 60.2 180.6



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

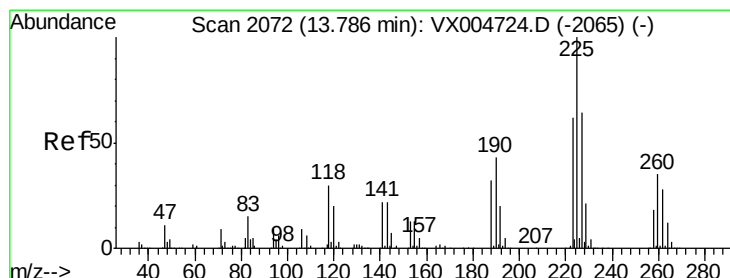
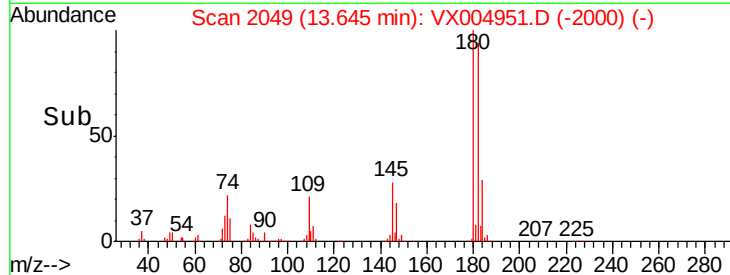
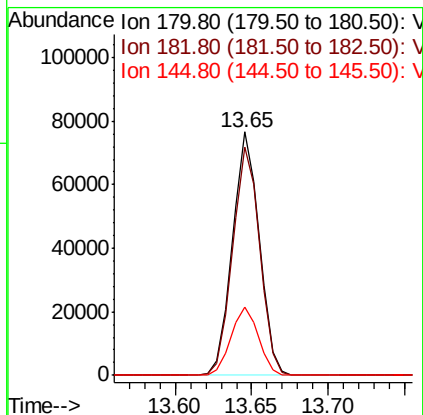
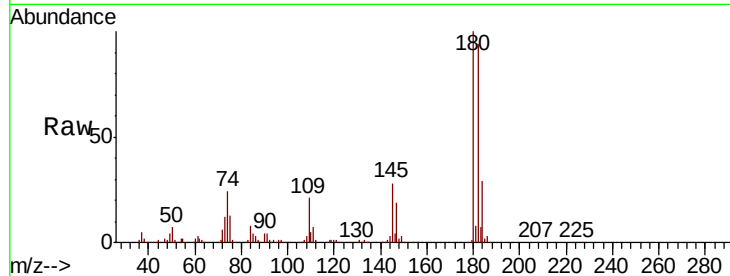




#93
 1,2,4-Trichlorobenzene
 Concen: 19.643 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004951.D
 Acq: 03 Oct 2018 07:06

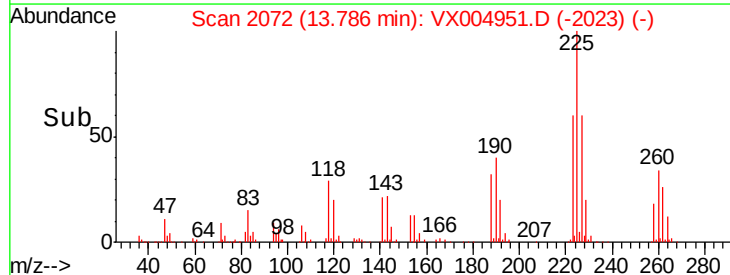
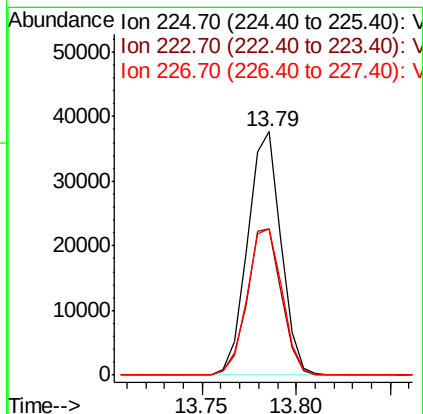
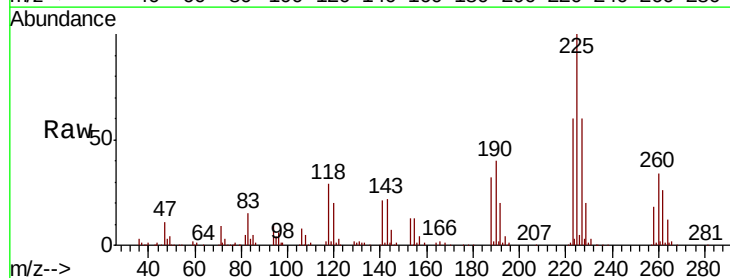
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003MBS01

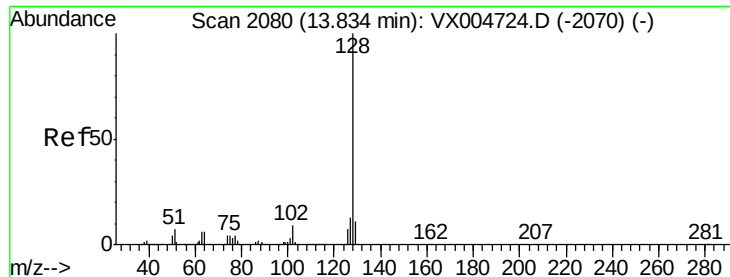
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.8	143.4
145	28.6	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 18.884 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004951.D
 Acq: 03 Oct 2018 07:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.3	93.8
227	62.9	31.9	95.5

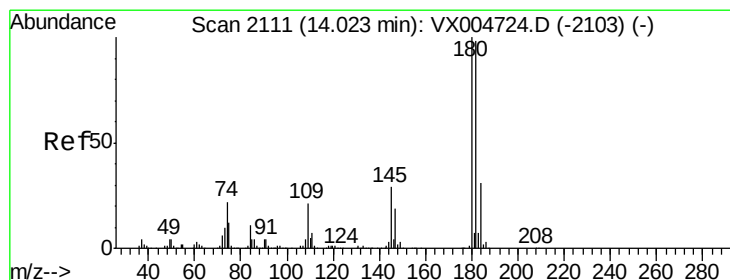
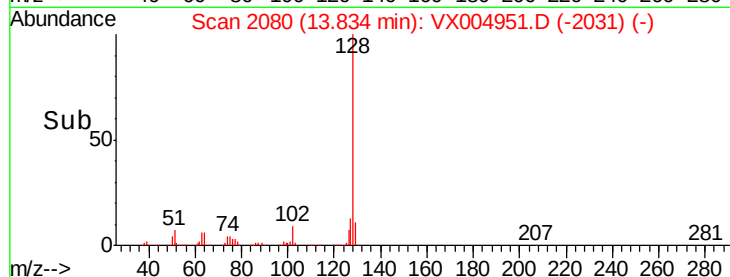
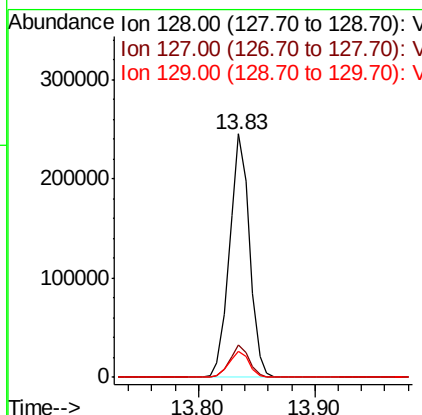
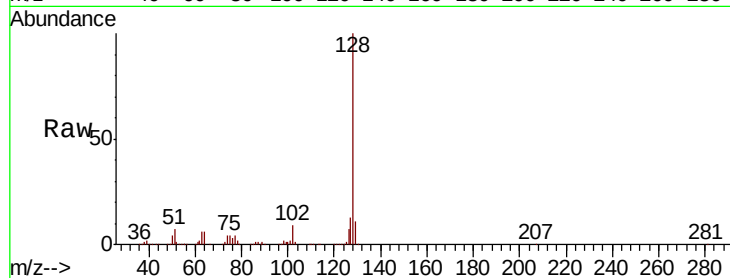




#95
Naphthalene
Concen: 19.099 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004951.D
Acq: 03 Oct 2018 07:06

Instrument :
MSVOA_X
ClientSampleId :
VX1003MBS01

Tot Ion:128 Resp: 292339
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.038 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX004951.D
Acq: 03 Oct 2018 07:06

Tgt Ion:180 Resp: 97769
Ion Ratio Lower Upper
180 100
182 95.6 47.9 143.8
145 29.8 15.0 45.0

