

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101118\
 Data File : VX005277.D
 Acq On : 12 Oct 2018 01:48
 Operator : JC/MD
 Sample : J5317-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-122D3-20181004MS

Quant Time: Oct 12 07:14:39 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	237538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	312699	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	297224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166945	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	139541	41.12	ug/l	0.00
Spiked Amount			Recovery	=	82.24%	
35) Dibromofluoromethane	5.51	113	115939	43.75	ug/l	0.00
Spiked Amount			Recovery	=	87.50%	
50) Toluene-d8	8.72	98	354230	40.21	ug/l	0.00
Spiked Amount			Recovery	=	80.42%	
62) 4-Bromofluorobenzene	11.14	95	135644	42.74	ug/l	0.00
Spiked Amount			Recovery	=	85.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	167333	51.666	ug/l	99
3) Chloromethane	1.32	50	197658	50.302	ug/l	97
4) Vinyl Chloride	1.41	62	193250	52.437	ug/l	95
5) Bromomethane	1.64	94	72607	33.224	ug/l	93
6) Chloroethane	1.71	64	113015	56.576	ug/l	96
7) Trichlorofluoromethane	1.92	101	240523	52.718	ug/l	85
8) Diethyl Ether	2.19	74	94200	47.526	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	125003	48.098	ug/l	98
10) Methyl Iodide	2.51	142	120776	34.728	ug/l #	86
11) Tert butyl alcohol	3.09	59	250511	264.035	ug/l	99
12) 1,1-Dichloroethene	2.37	96	132948	51.654	ug/l	84
13) Acrolein	2.29	56	91064	134.899	ug/l	86
14) Allyl chloride	2.73	41	251282	44.746	ug/l	97
15) Acrylonitrile	3.15	53	532629	255.014	ug/l	99
16) Acetone	2.45	43	497867	251.317	ug/l	96
17) Carbon Disulfide	2.56	76	377044	48.752	ug/l	98
18) Methyl Acetate	2.78	43	164237	32.722	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	444497	50.068	ug/l	98
20) Methylene Chloride	2.86	84	154960	53.864	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	137632	48.849	ug/l	86
22) Diisopropyl ether	3.87	45	500352	52.911	ug/l #	84
23) Vinyl Acetate	3.83	43	1157624	133.734	ug/l	100
24) 1,1-Dichloroethane	3.70	63	276486	49.014	ug/l	100
25) 2-Butanone	4.71	43	752545	257.712	ug/l #	87
26) 2,2-Dichloropropane	4.59	77	41241	10.499	ug/l	85
27) cis-1,2-Dichloroethene	4.60	96	151163	48.026	ug/l	93
28) Bromochloromethane	5.01	49	106063	39.928	ug/l	99
29) Tetrahydrofuran	5.16	42	496116	273.350	ug/l	98
30) Chloroform	5.22	83	267444	50.165	ug/l	89
31) Cyclohexane	5.57	56	237569	55.026	ug/l #	78
32) 1,1,1-Trichloroethane	5.49	97	224977	51.672	ug/l	94
36) 1,1-Dichloropropene	5.80	75	181361	50.158	ug/l	98
37) Ethyl Acetate	4.86	43	144683	30.145	ug/l	98
38) Carbon Tetrachloride	5.78	117	195134	51.339	ug/l #	80

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 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	180250	48.820	ug/l #	83
40) Benzene	6.14	78	563508	49.780	ug/l	95
41) Methacrylonitrile	5.06	41	135222	50.802	ug/l	94
42) 1,2-Dichloroethane	6.20	62	201135	50.262	ug/l	99
43) Isopropyl Acetate	6.46	43	234871	33.904	ug/l	96
44) Trichloroethene	7.21	130	150998	54.261	ug/l	99
45) 1,2-Dichloropropane	7.52	63	135329	48.749	ug/l	100
46) Dibromomethane	7.66	93	87929	50.400	ug/l	98
47) Bromodichloromethane	7.90	83	172297	52.748	ug/l	98
48) Methyl methacrylate	7.78	41	176557	56.151	ug/l	98
49) 1,4-Dioxane	7.76	88	82047	1050.311	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1161677	266.324	ug/l	99
52) Toluene	8.79	92	316419	50.870	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	150722	40.833	ug/l	91
54) cis-1,3-Dichloropropene	8.44	75	158411	40.973	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	132216	48.526	ug/l	96
56) Ethyl methacrylate	9.18	69	203565	46.268	ug/l	96
57) 1,3-Dichloropropane	9.37	76	220233	48.566	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.28	63	1118	14.691	ug/l #	49
59) 2-Hexanone	9.50	43	936304	257.591	ug/l	95
60) Dibromochloromethane	9.59	129	140162	51.439	ug/l	100
61) 1,2-Dibromoethane	9.68	107	139021	47.644	ug/l	97
64) Tetrachloroethene	9.34	164	131853	45.073	ug/l	96
65) Chlorobenzene	10.14	112	356455	46.769	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	133861	49.958	ug/l	99
67) Ethyl Benzene	10.26	91	604518	49.959	ug/l	96
68) m/p-Xylenes	10.36	106	470145	99.429	ug/l	95
69) o-Xylene	10.70	106	228162	52.535	ug/l	99
70) Styrene	10.71	104	382788	47.248	ug/l	100
71) Bromoform	10.86	173	119298	52.006	ug/l #	96
73) Isopropylbenzene	11.02	105	613872	58.337	ug/l	100
74) N-amyl acetate	10.90	43	156618	27.880	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	220969	51.586	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	225795	60.343	ug/l	85
77) Bromobenzene	11.26	156	168520	55.136	ug/l	98
78) n-propylbenzene	11.36	91	691955	57.311	ug/l	100
79) 2-Chlorotoluene	11.42	91	420235	55.840	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	523436	54.290	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	39382	29.552	ug/l	99
82) 4-Chlorotoluene	11.51	91	493150	55.672	ug/l	100
83) tert-Butylbenzene	11.77	119	529985	61.173	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	541204	54.431	ug/l	99
85) sec-Butylbenzene	11.95	105	613366	58.124	ug/l	100
86) p-Isopropyltoluene	12.07	119	549662	57.491	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	305268	53.488	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	310193	52.651	ug/l	100
89) n-Butylbenzene	12.39	91	455271	52.432	ug/l	99
90) Hexachloroethane	12.60	117	95380	59.918	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	313104	52.496	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53900	57.309	ug/l	96

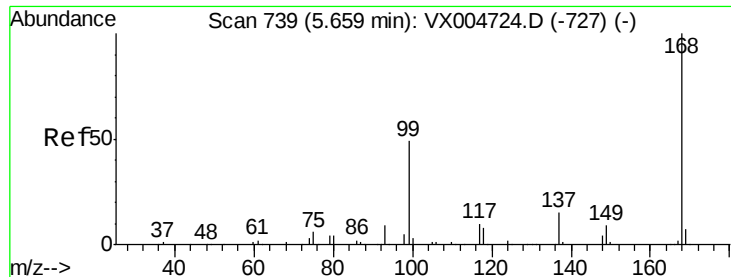
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101118\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	228237	54.552	ug/l	99
94) Hexachlorobutadiene	13.79	225	108727	50.115	ug/l	100
95) Naphthalene	13.83	128	751117	54.031	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	244843	56.651	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

Instrument :

MSVOA_X

ClientSampleId :

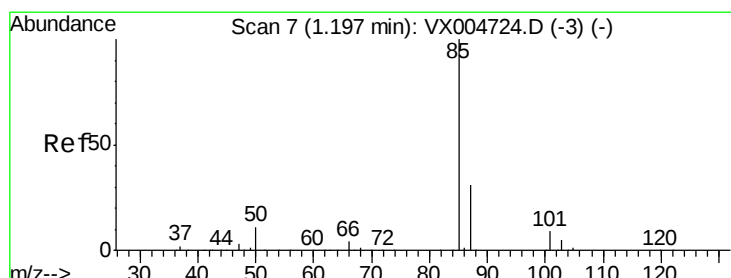
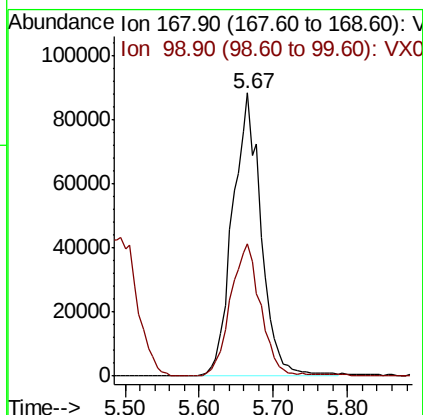
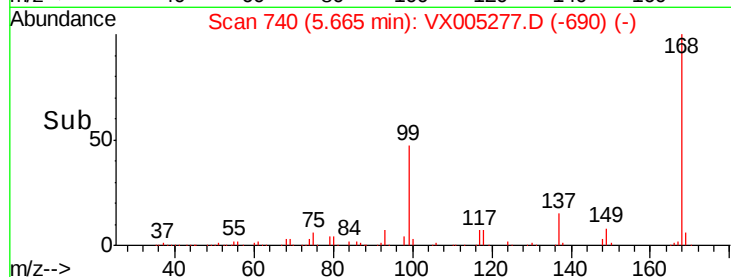
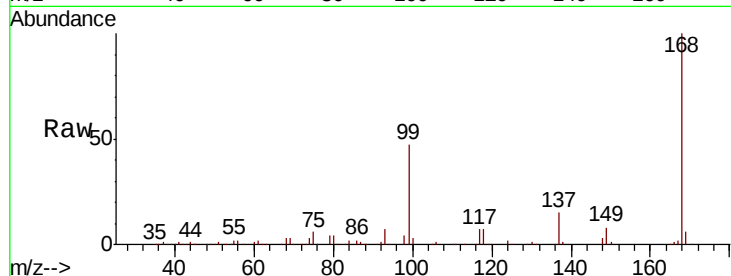
RE-122D3-20181004MS

Tot Ion:168 Resp: 237538

Ion Ratio Lower Upper

168 100

99 46.4 39.3 58.9



#2

Dichlorodifluoromethane

Concen: 51.666 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005277.D

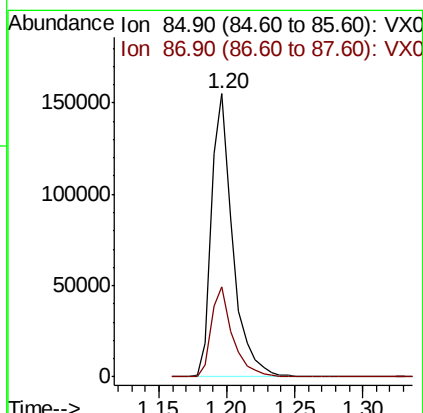
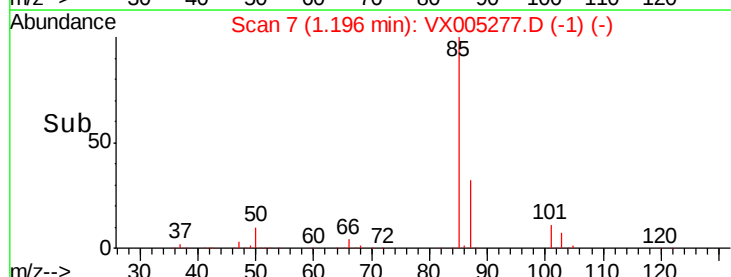
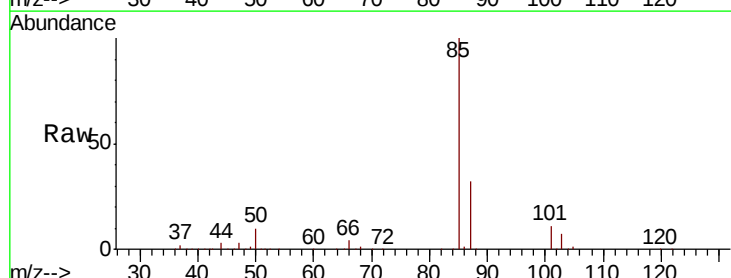
Acq: 12 Oct 2018 01:48

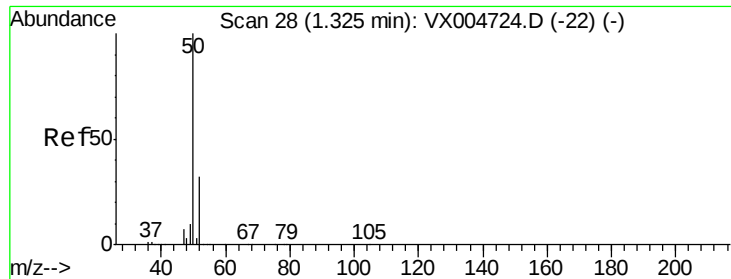
Tgt Ion: 85 Resp: 167333

Ion Ratio Lower Upper

85 100

87 31.7 15.7 47.1





#3

Chloromethane

Concen: 50.302 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

Instrument :

MSVOA_X

ClientSampleId :

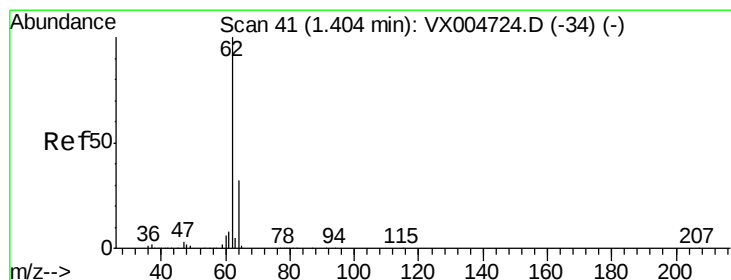
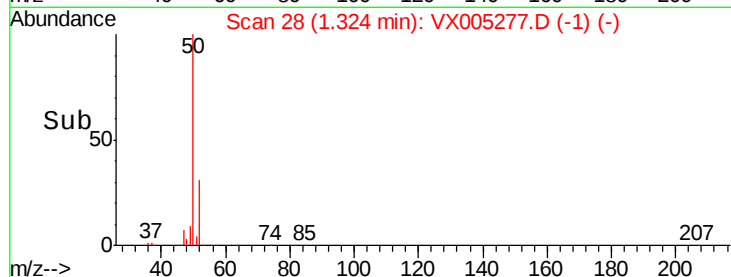
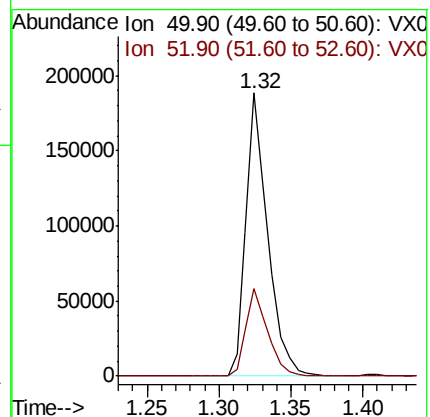
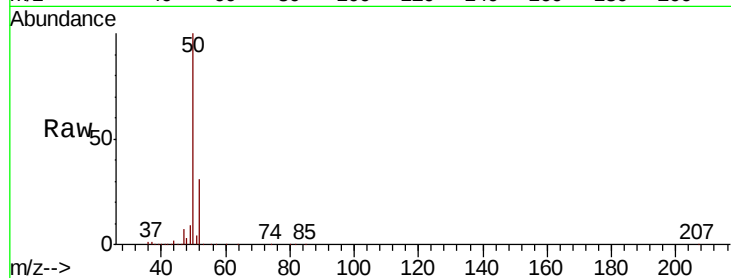
RE-122D3-20181004MS

Tot Ion: 50 Resp: 197658

Ion Ratio Lower Upper

50 100

52 30.7 25.8 38.6



#4

Vinyl Chloride

Concen: 52.437 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005277.D

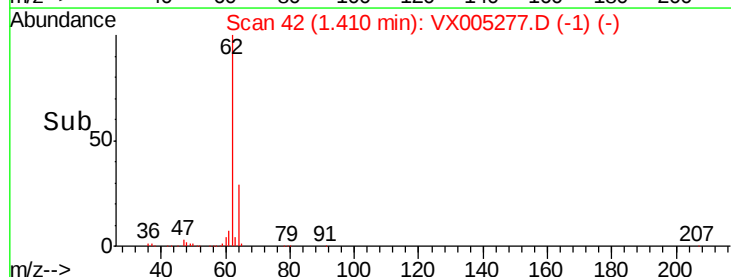
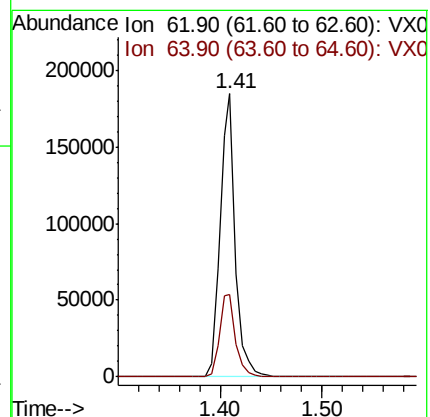
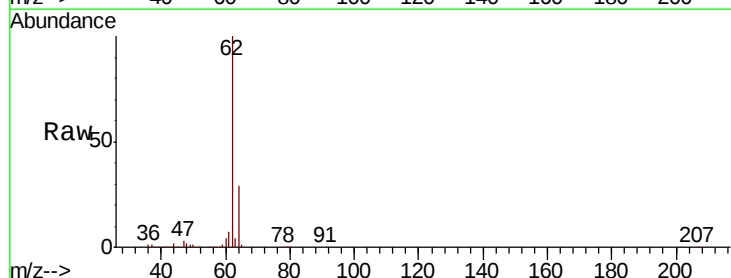
Acq: 12 Oct 2018 01:48

Tgt Ion: 62 Resp: 193250

Ion Ratio Lower Upper

62 100

64 28.9 25.5 38.3





#5

Bromomethane

Concen: 33.224 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

Instrument :

MSVOA_X

ClientSampleId :

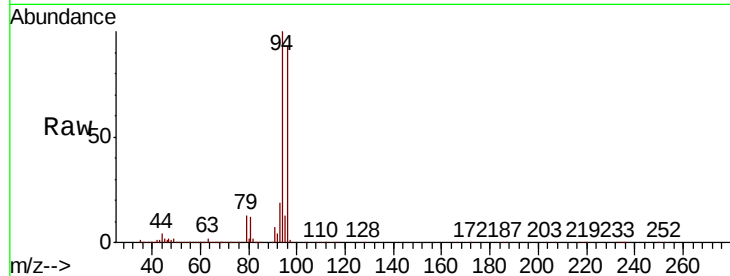
RE-122D3-20181004MS

Tot Ion: 94 Resp: 72607

Ion Ratio Lower Upper

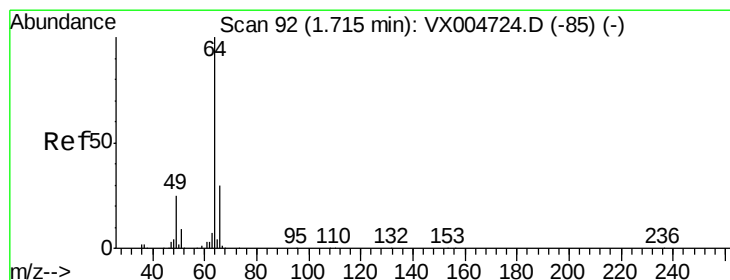
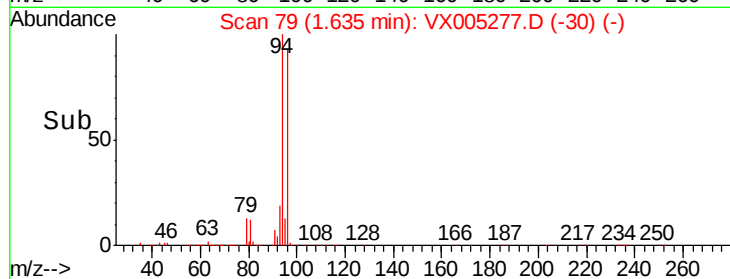
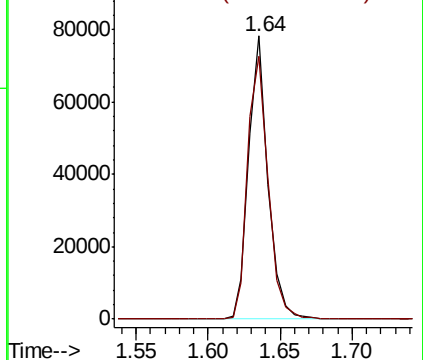
94 100

96 92.8 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: 56.576 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX005277.D

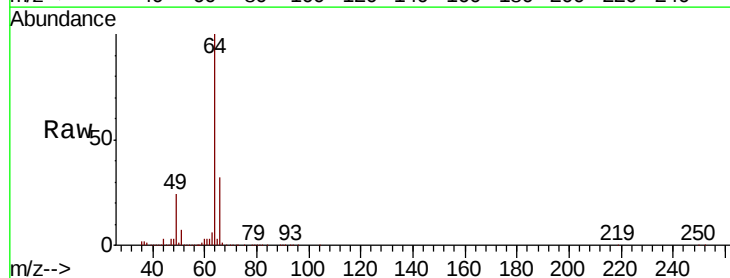
Acq: 12 Oct 2018 01:48

Tgt Ion: 64 Resp: 113015

Ion Ratio Lower Upper

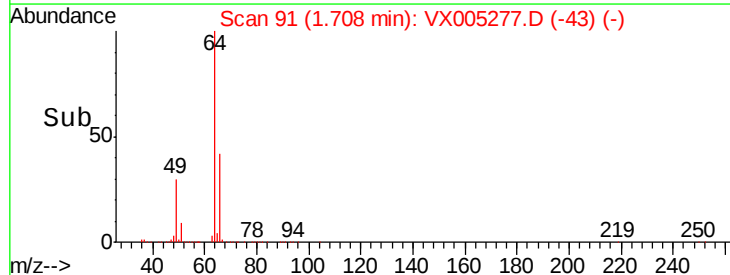
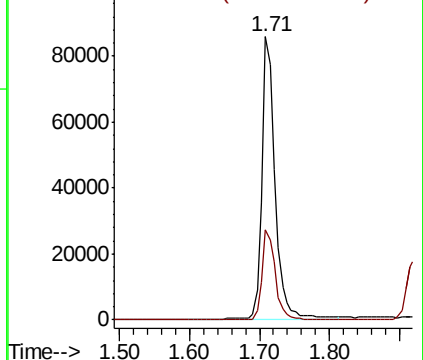
64 100

66 31.7 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



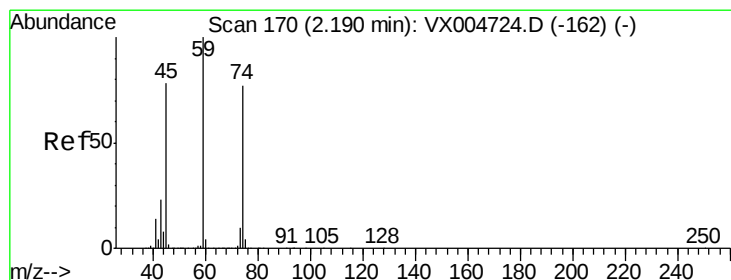
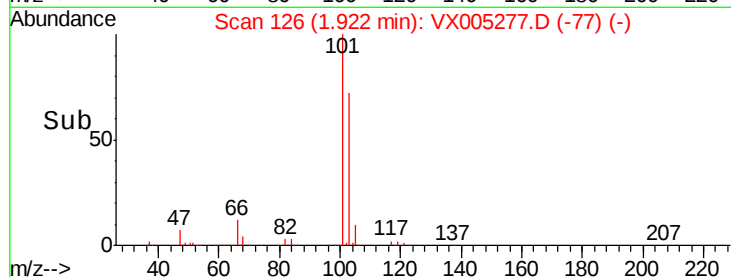
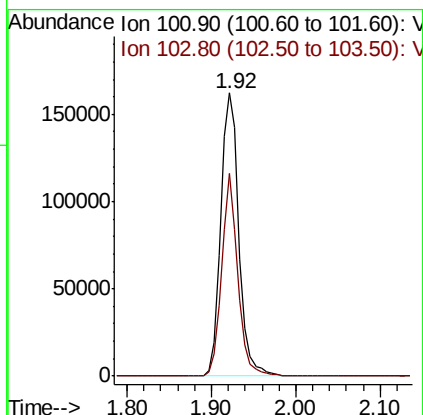
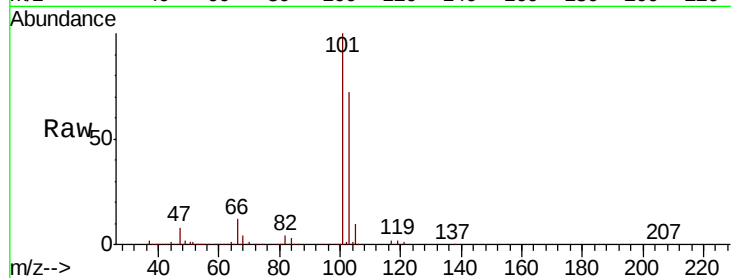


#7

Trichlorofluoromethane
Concen: 52.718 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX005277.D
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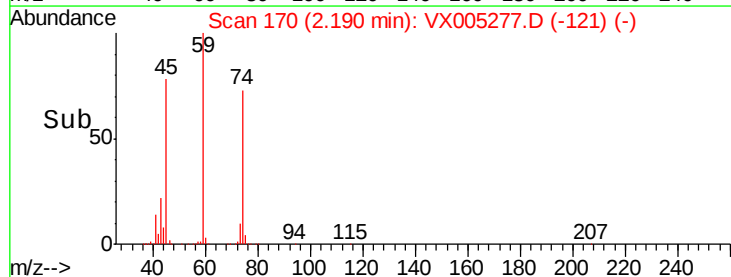
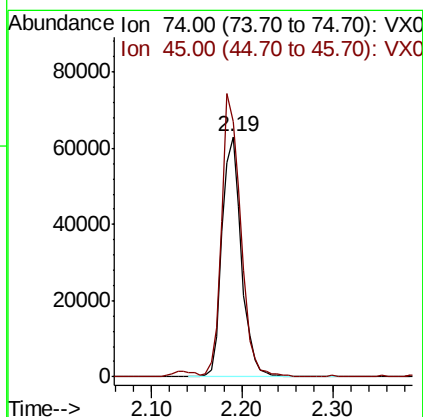
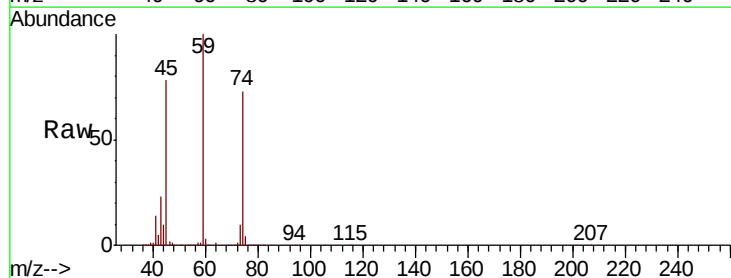
Tot Ion:101 Resp: 240523
Ion Ratio Lower Upper
101 100
103 71.5 48.4 72.6



#8

Diethyl Ether
Concen: 47.526 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005277.D
Acq: 12 Oct 2018 01:48

Tgt Ion: 74 Resp: 94200
Ion Ratio Lower Upper
74 100
45 114.2 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.098 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

Instrument :

MSVOA_X

ClientSampleId :

RE-122D3-20181004MS

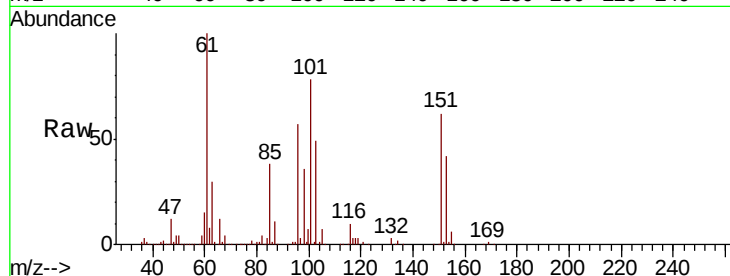
Tot Ion:101 Resp: 125003

Ion Ratio Lower Upper

101 100

85 44.2 35.9 53.9

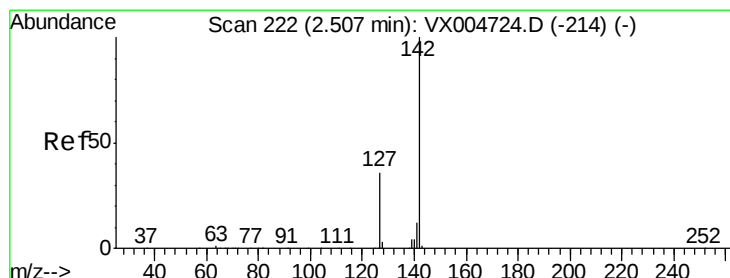
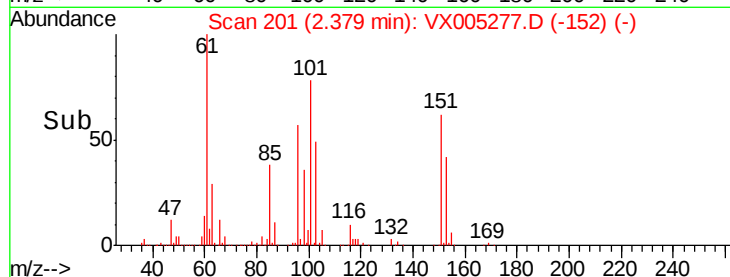
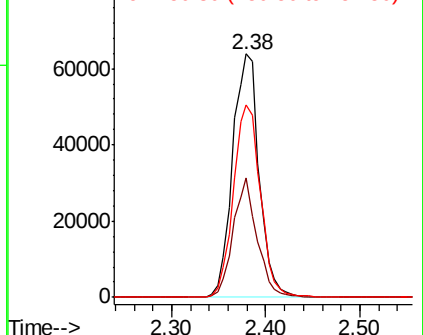
151 80.7 66.6 100.0



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: 34.728 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

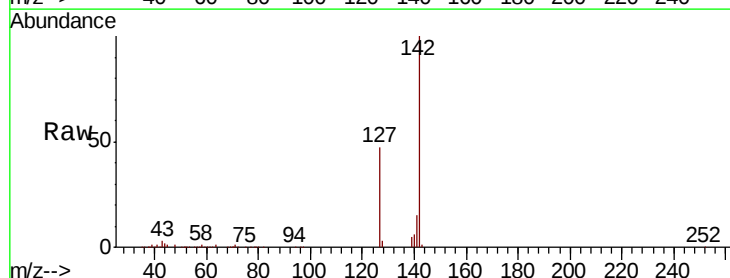
Tgt Ion:142 Resp: 120776

Ion Ratio Lower Upper

142 100

127 47.0 30.1 45.1#

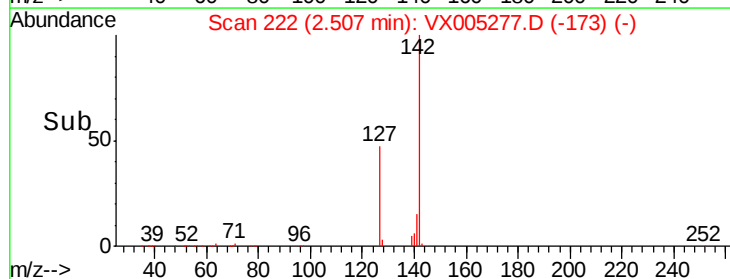
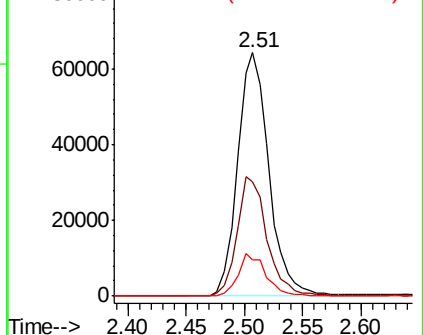
141 15.7 10.1 15.1#

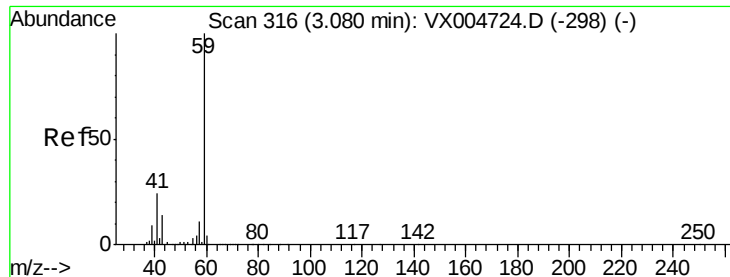


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

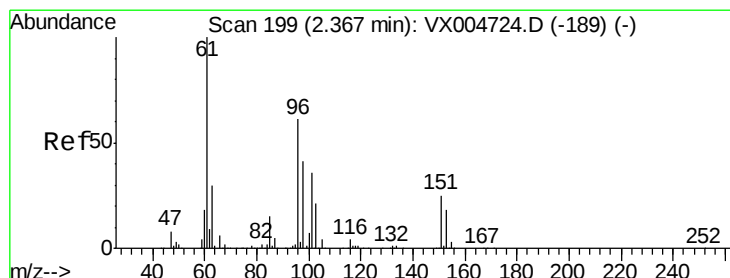
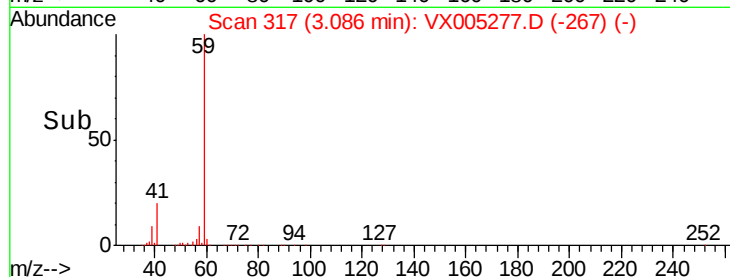
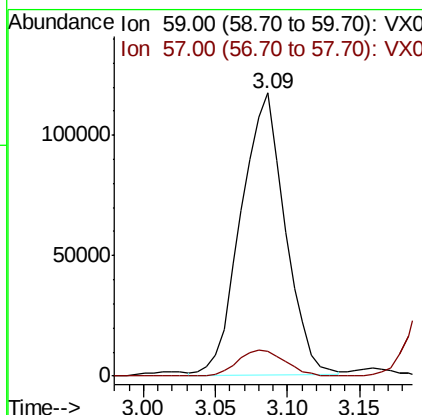
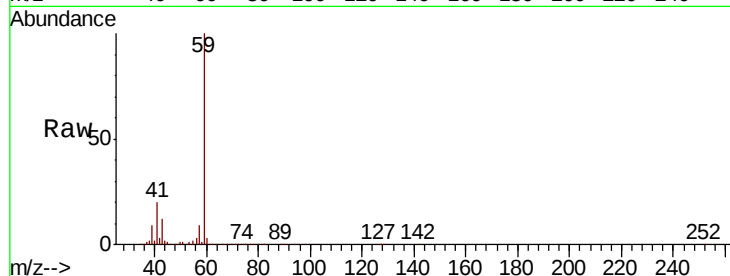




#11
Tert butyl alcohol
Concen: 264.035 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX005277.D
Acq: 12 Oct 2018 01:48

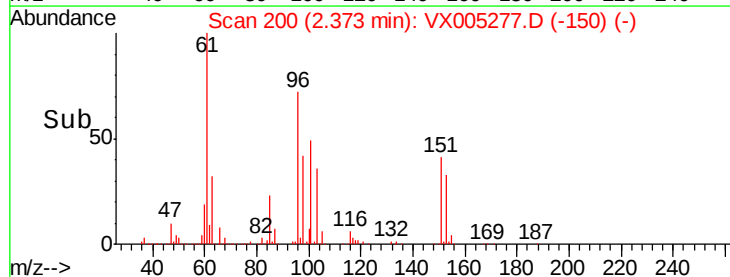
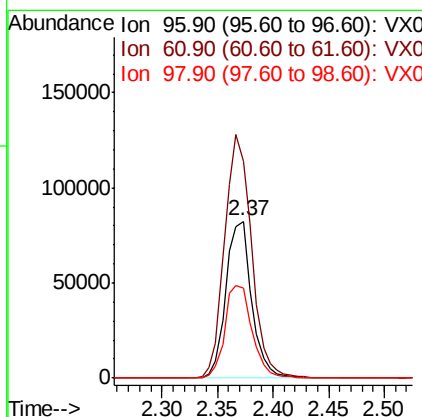
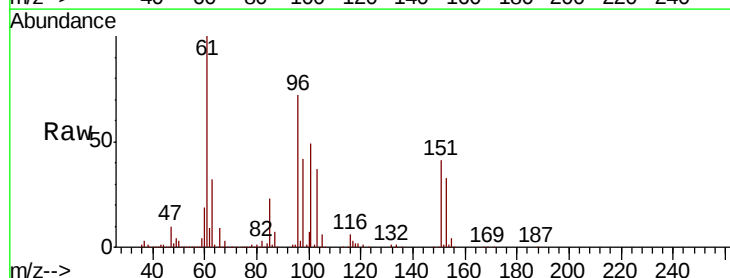
Instrument :
MSVOA_X
ClientSampleId :
RE-122D3-20181004MS

Tot Ion: 59 Resp: 250511
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8



#12
1,1-Dichloroethene
Concen: 51.654 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX005277.D
Acq: 12 Oct 2018 01:48

Tgt Ion: 96 Resp: 132948
Ion Ratio Lower Upper
96 100
61 138.0 130.2 195.4
98 57.6 53.4 80.0





#13

Acrolein

Concen: 134.899 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

Instrument :

MSVOA_X

ClientSampleId :

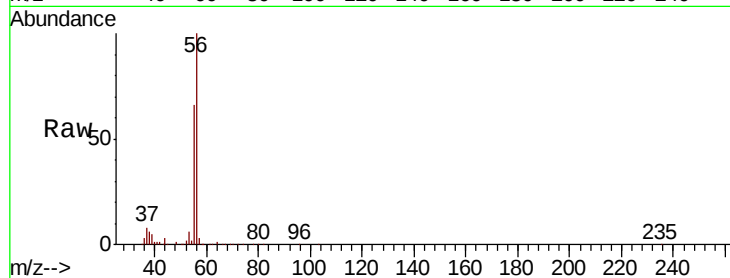
RE-122D3-20181004MS

Tot Ion: 56 Resp: 91064

Ion Ratio Lower Upper

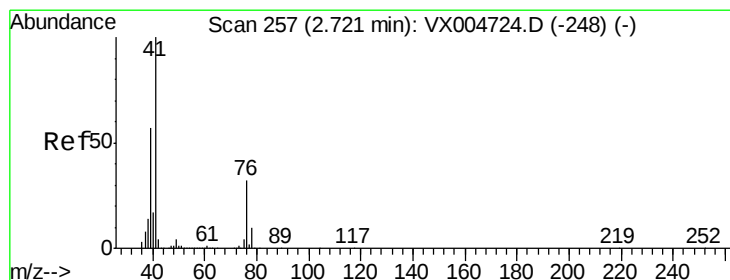
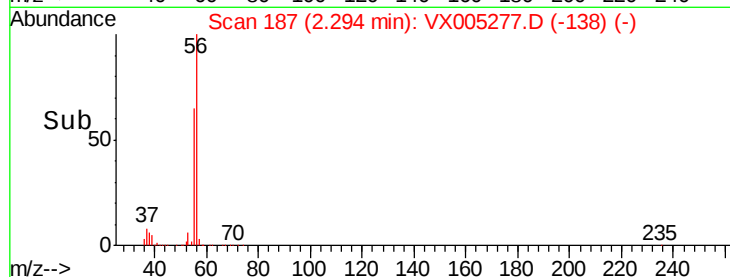
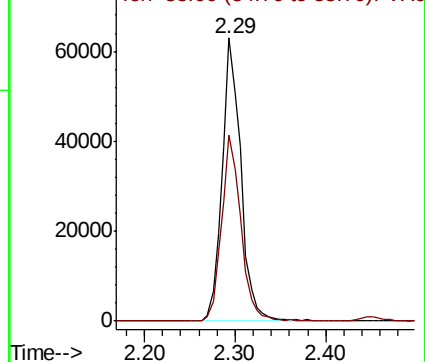
56 100

55 67.0 63.4 95.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 44.746 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

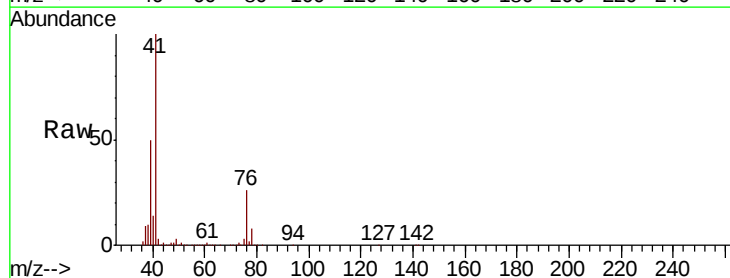
Tgt Ion: 41 Resp: 251282

Ion Ratio Lower Upper

41 100

39 54.4 44.1 66.1

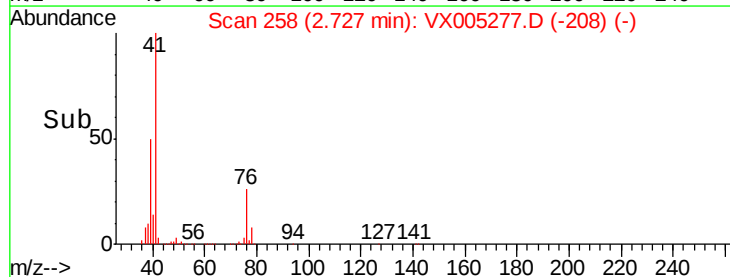
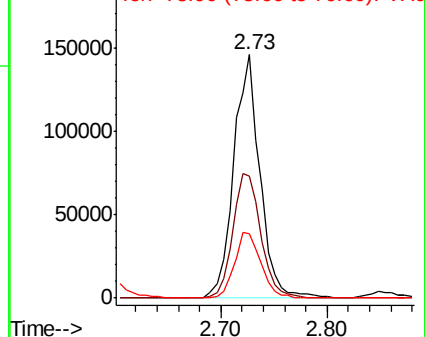
76 27.5 25.0 37.4

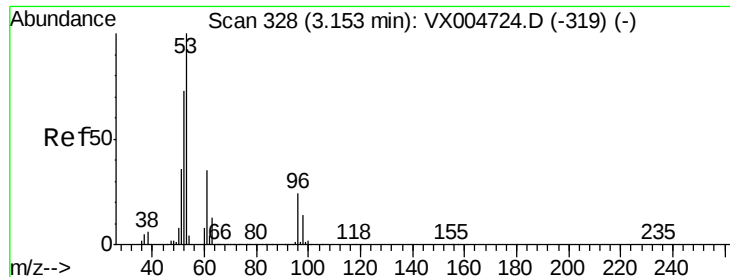


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 255.014 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

Instrument :

MSVOA_X

ClientSampleId :

RE-122D3-20181004MS

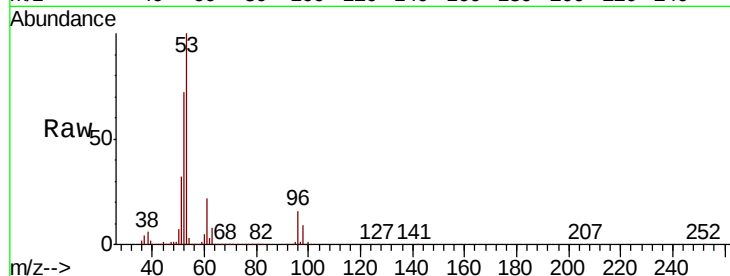
Tot Ion: 53 Resp: 532629

Ion Ratio Lower Upper

53 100

52 79.8 63.0 94.4

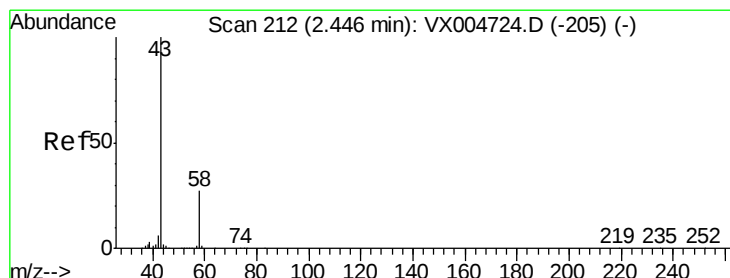
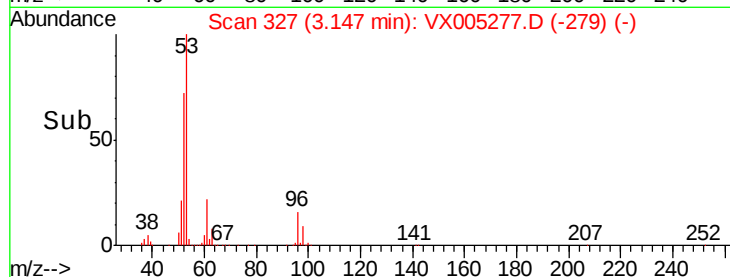
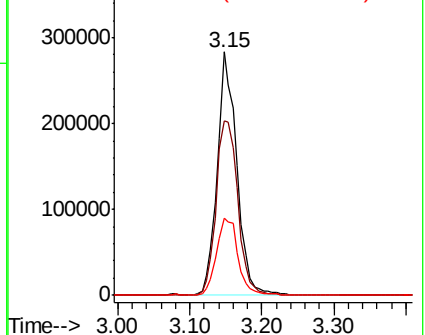
51 35.2 28.6 42.8



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: 251.317 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005277.D

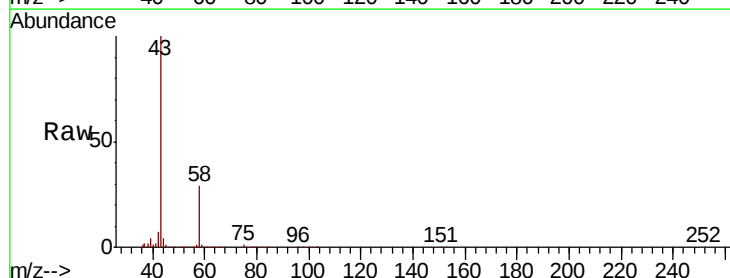
Acq: 12 Oct 2018 01:48

Tgt Ion: 43 Resp: 497867

Ion Ratio Lower Upper

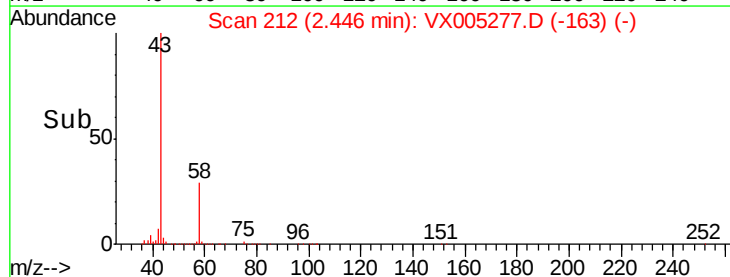
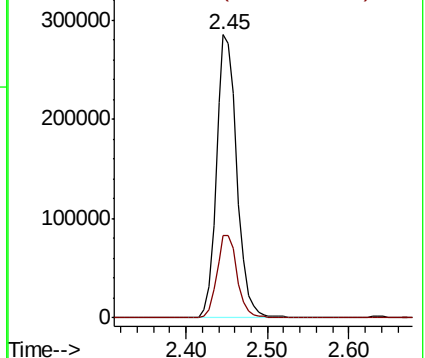
43 100

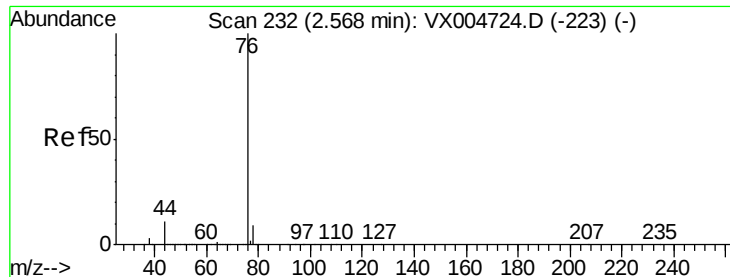
58 29.1 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

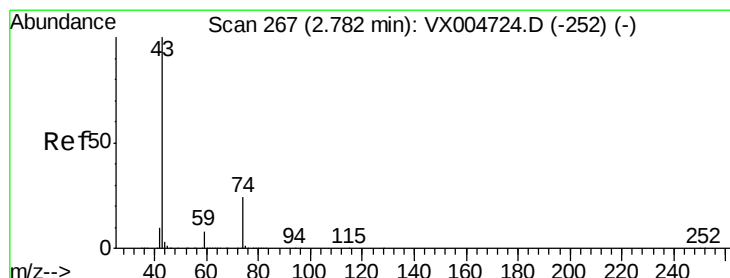
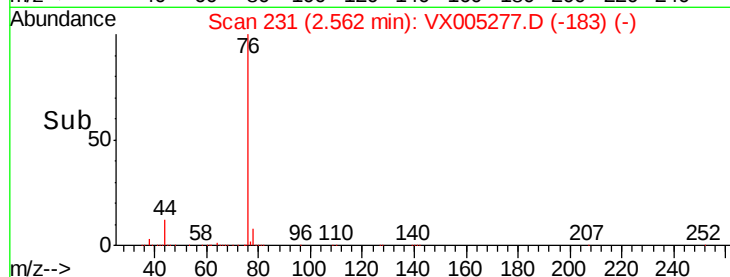
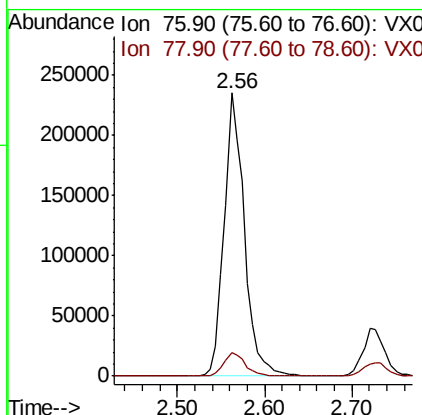
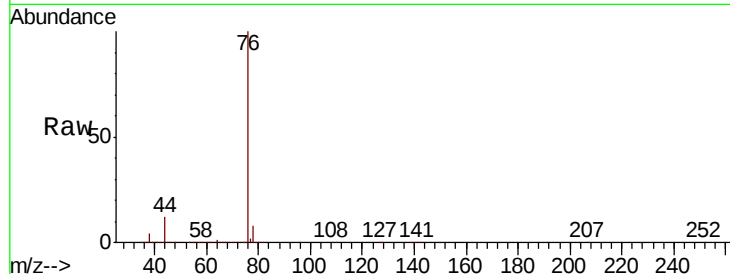




#17
Carbon Disulfide
Concen: 48.752 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005277.D
Acq: 12 Oct 2018 01:48

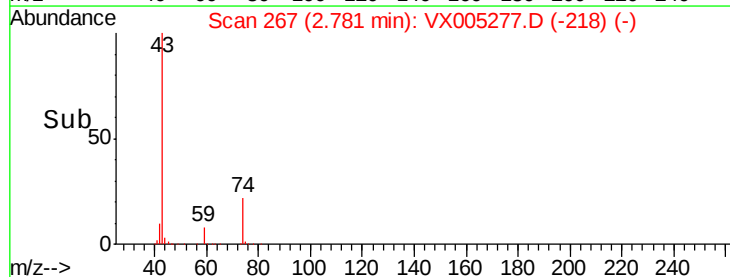
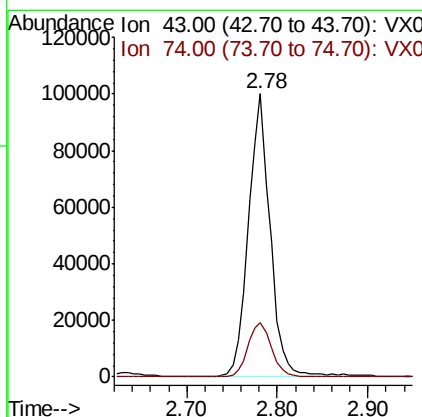
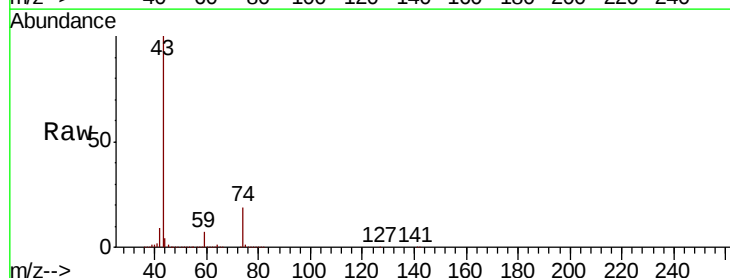
Instrument :
MSVOA_X
ClientSampleId :
RE-122D3-20181004MS

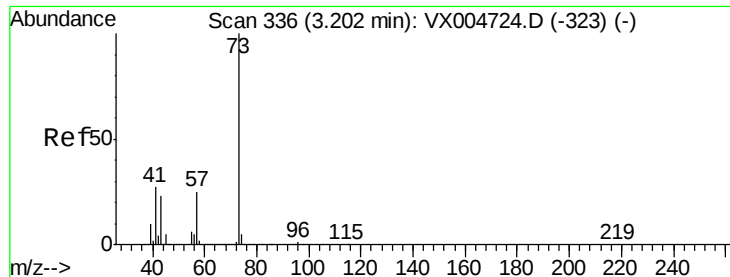
Tot Ion: 76 Resp: 377044
Ion Ratio Lower Upper
76 100
78 8.2 7.0 10.6



#18
Methyl Acetate
Concen: 32.722 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005277.D
Acq: 12 Oct 2018 01:48

Tgt Ion: 43 Resp: 164237
Ion Ratio Lower Upper
43 100
74 20.6 17.8 26.8



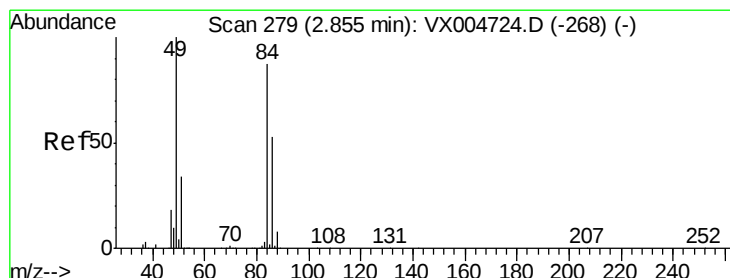
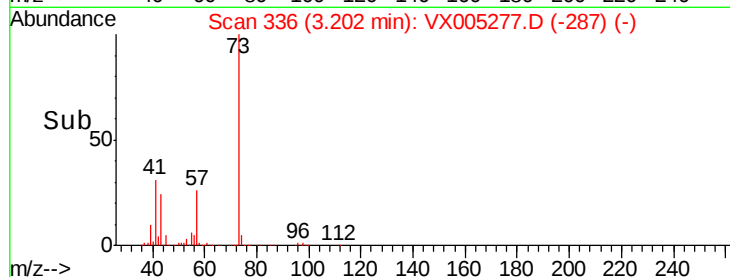
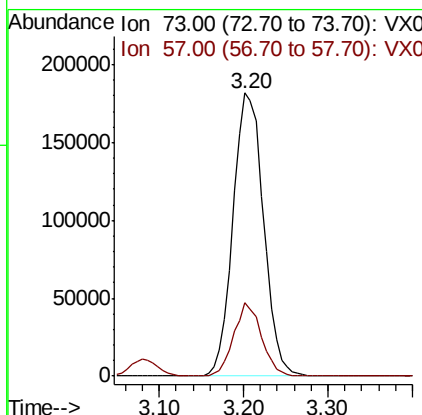
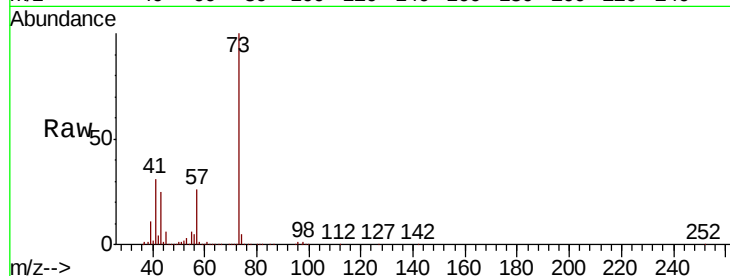


#19

Methyl tert-butyl Ether
 Concen: 50.068 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX005277.D
 Acq: 12 Oct 2018 01:48

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-122D3-20181004MS

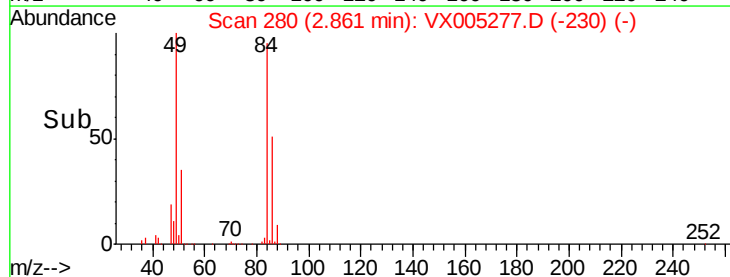
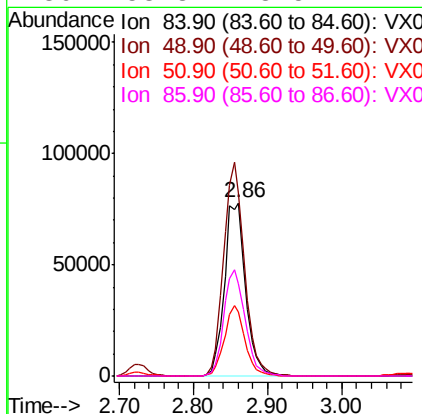
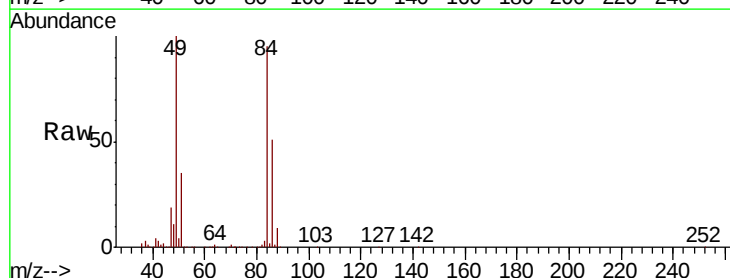
Tot Ion: 73 Resp: 444497
 Ion Ratio Lower Upper
 73 100
 57 25.9 19.9 29.9

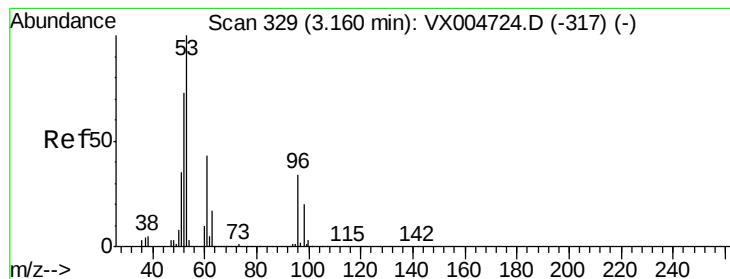


#20

Methylene Chloride
 Concen: 53.864 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.01 min
 Lab File: VX005277.D
 Acq: 12 Oct 2018 01:48

Tgt Ion: 84 Resp: 154960
 Ion Ratio Lower Upper
 84 100
 49 105.4 92.3 138.5
 51 37.0 31.8 47.6
 86 53.3 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 48.849 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

Instrument :

MSVOA_X

ClientSampleId :

RE-122D3-20181004MS

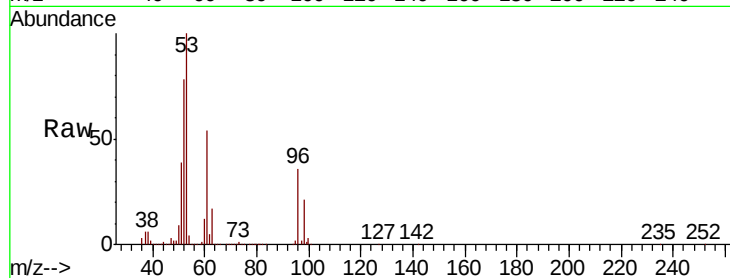
Tot Ion: 96 Resp: 137632

Ion Ratio Lower Upper

96 100

61 147.8 101.0 151.6

98 56.9 47.2 70.8

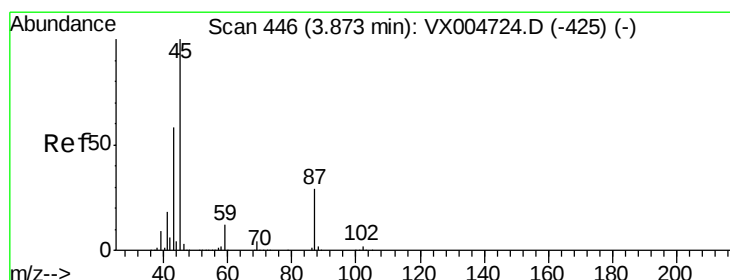
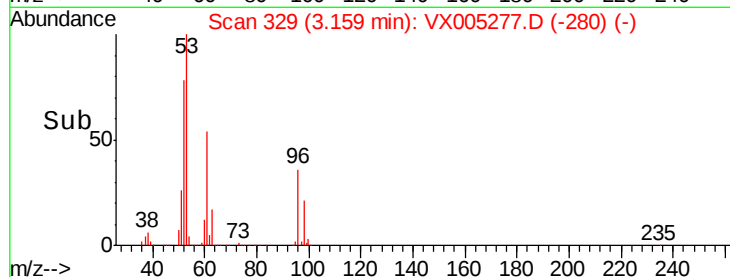
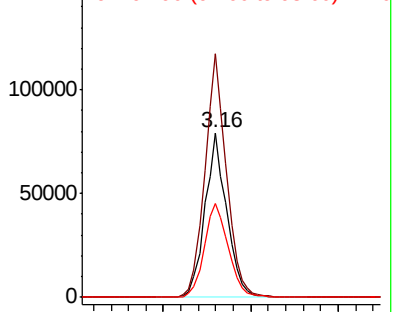


Abundance

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: 52.911 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

Tgt Ion: 45 Resp: 500352

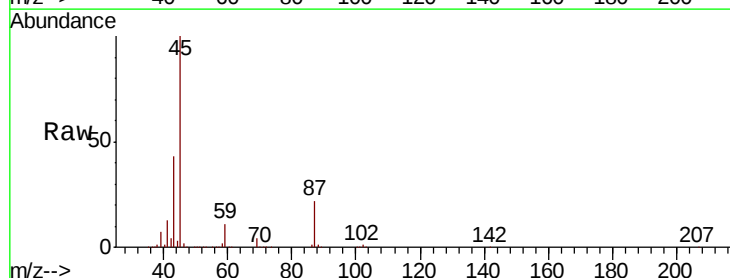
Ion Ratio Lower Upper

45 100

43 42.9 46.7 70.1#

87 22.4 22.9 34.3#

59 10.8 9.3 13.9



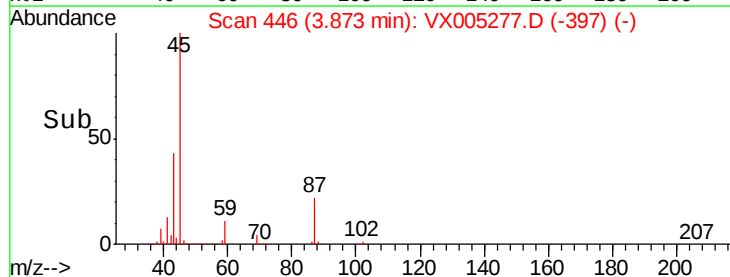
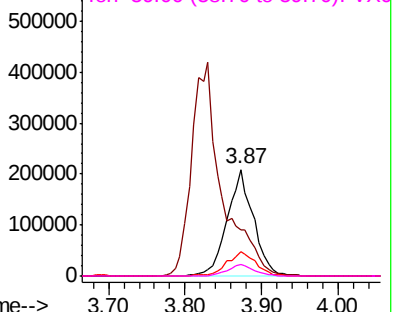
Abundance

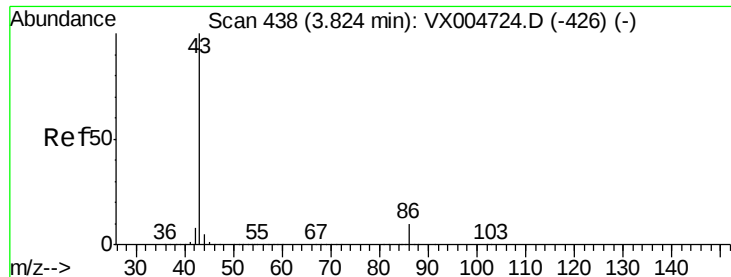
Ion 45.00 (44.70 to 45.70): VX0

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: 133.734 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

Instrument :

MSVOA_X

ClientSampleId :

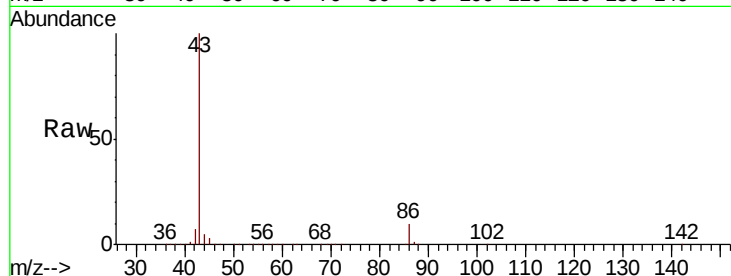
RE-122D3-20181004MS

Tot Ion: 43 Resp: 1157624

Ion Ratio Lower Upper

43 100

86 9.9 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

400000

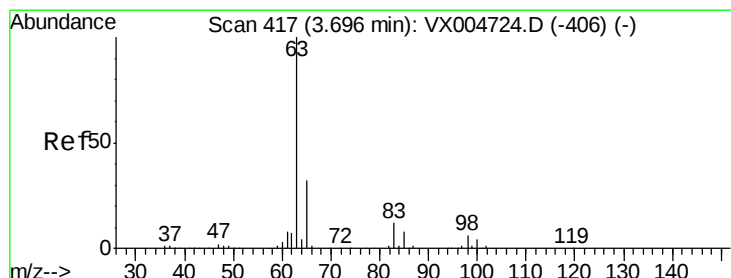
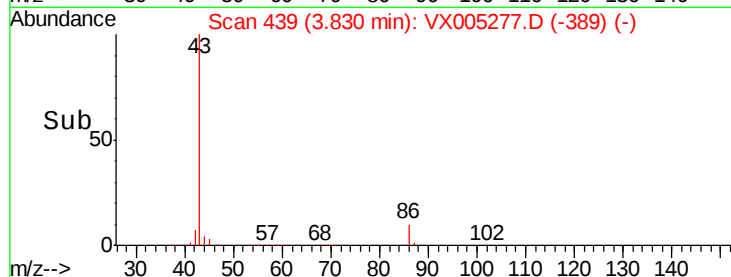
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.014 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

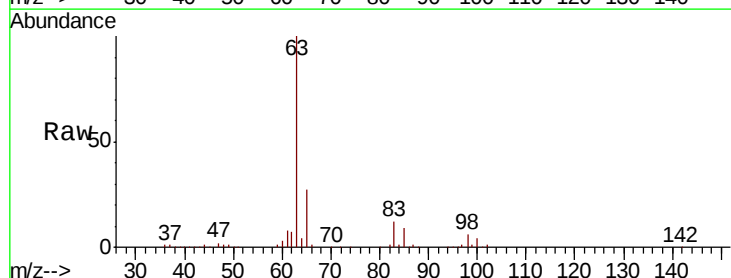
Tgt Ion: 63 Resp: 276486

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 3.8 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

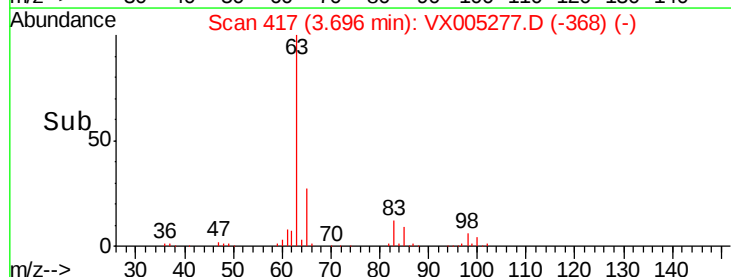
150000

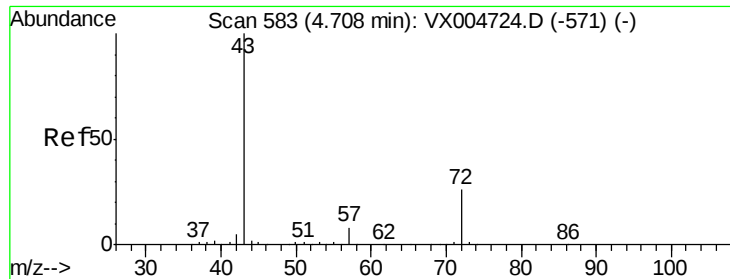
100000

50000

0

Time-->





#25

2-Butanone

Concen: 257.712 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

Instrument :

MSVOA_X

ClientSampleId :

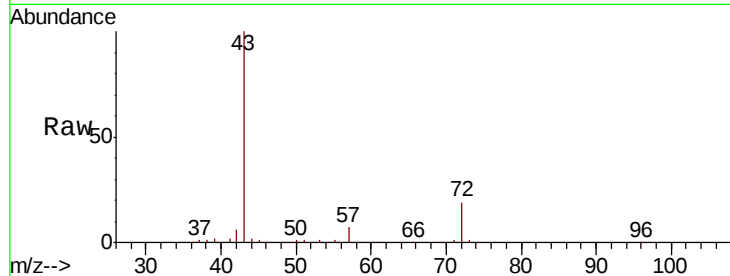
RE-122D3-20181004MS

Tot Ion: 43 Resp: 752545

Ion Ratio Lower Upper

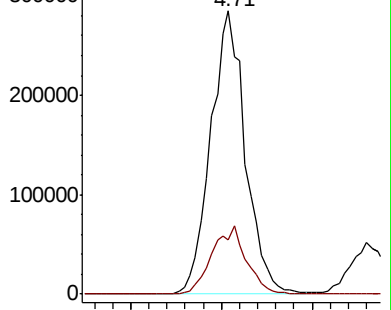
43 100

72 19.3 20.8 31.2#

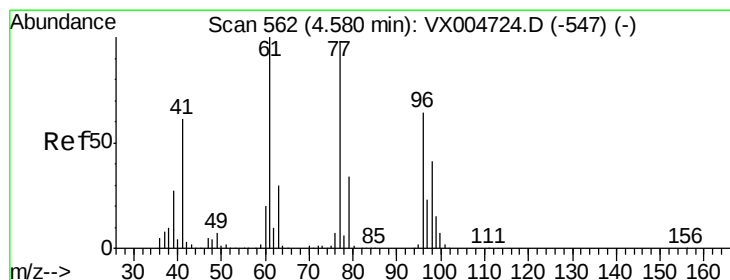
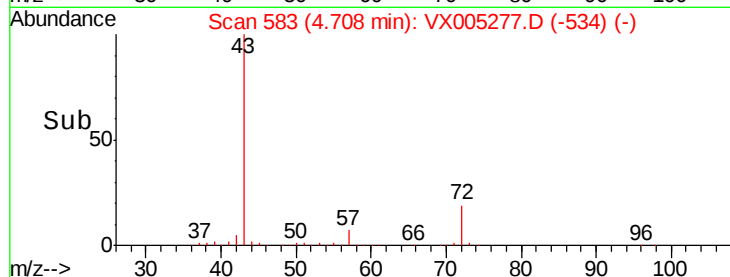


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 10.499 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005277.D

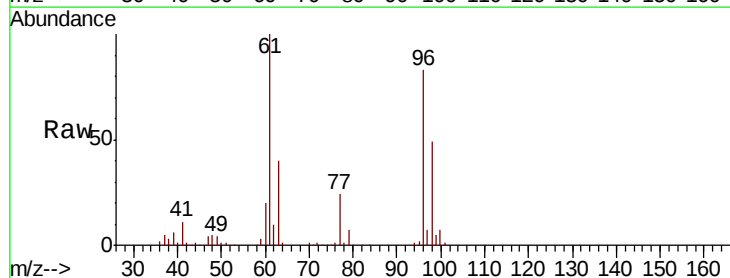
Acq: 12 Oct 2018 01:48

Tgt Ion: 77 Resp: 41241

Ion Ratio Lower Upper

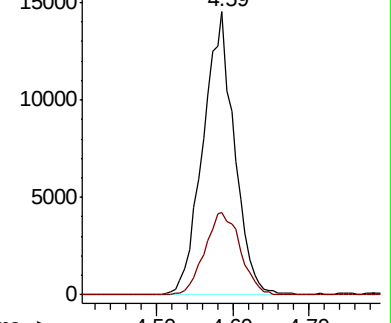
77 100

97 33.0 12.6 37.8

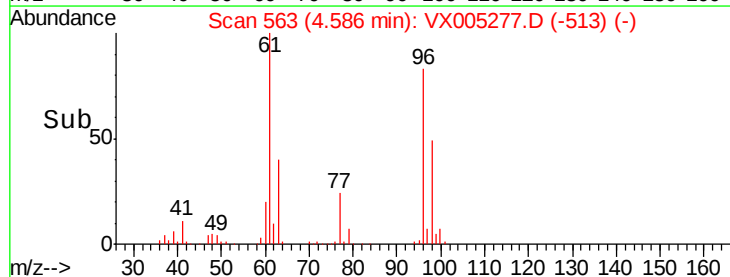


Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



Time-->



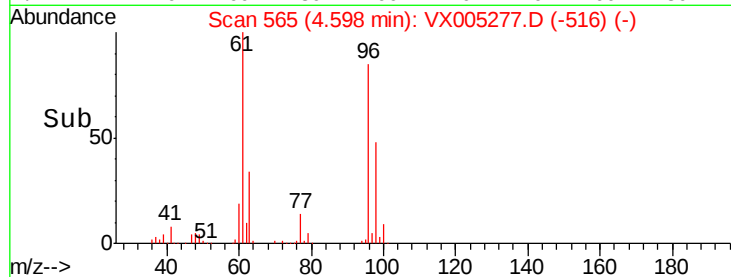
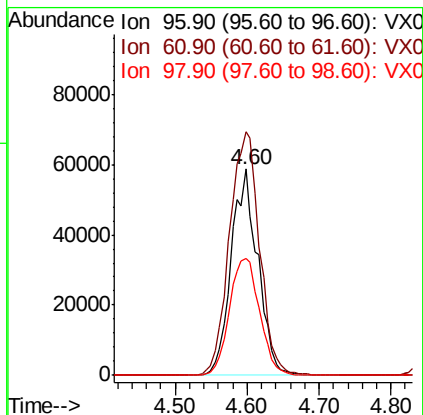
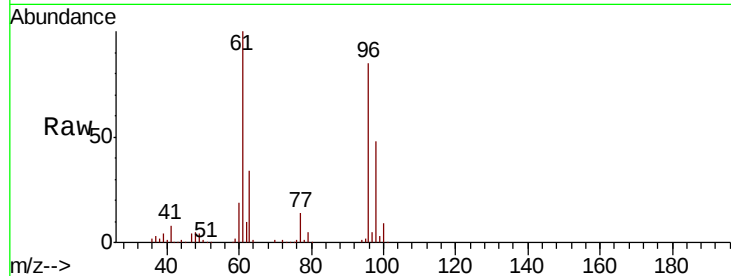


#27

cis-1,2-Dichloroethene
 Concen: 48.026 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX005277.D
 Acq: 12 Oct 2018 01:48

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-122D3-20181004MS

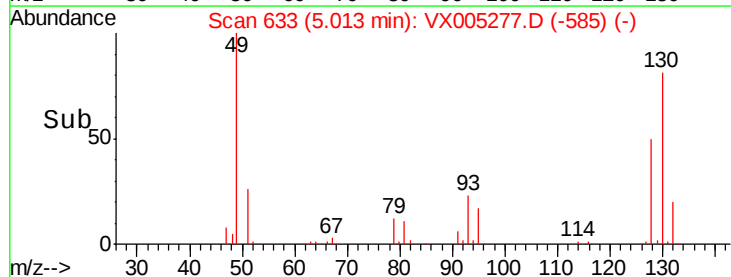
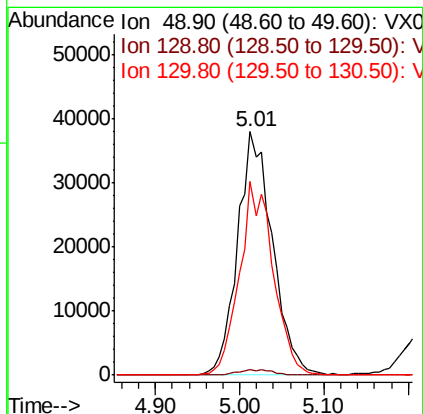
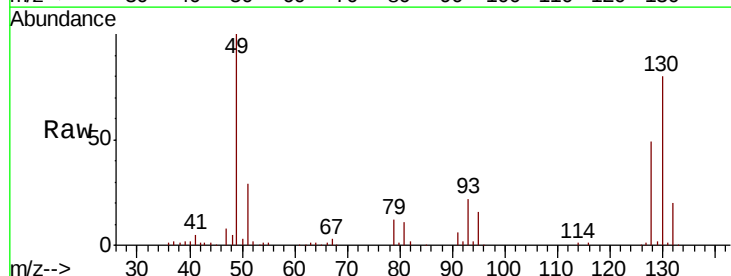
Tot Ion	Ratio	Lower	Upper
96	100		
61	133.1	0.0	285.8
98	64.0	0.0	136.2

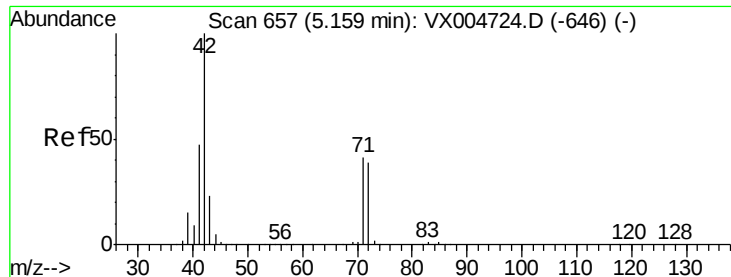


#28

Bromochloromethane
 Concen: 39.928 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX005277.D
 Acq: 12 Oct 2018 01:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	77.0	62.0	93.0

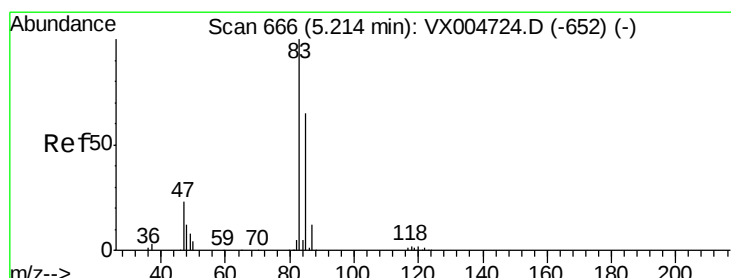
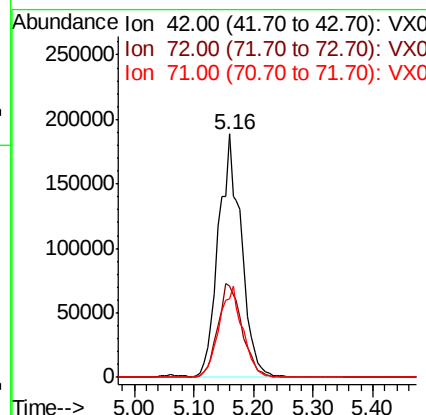
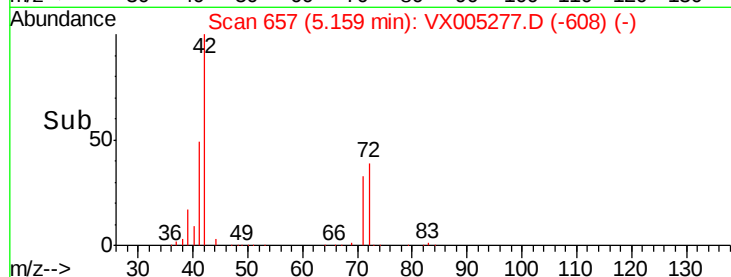
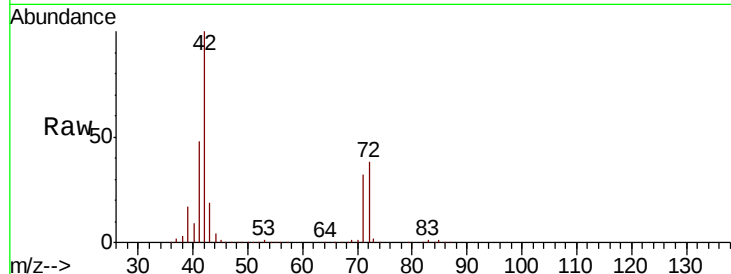




#29
Tetrahydrofuran
Concen: 273.350 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX005277.D
Acq: 12 Oct 2018 01:48

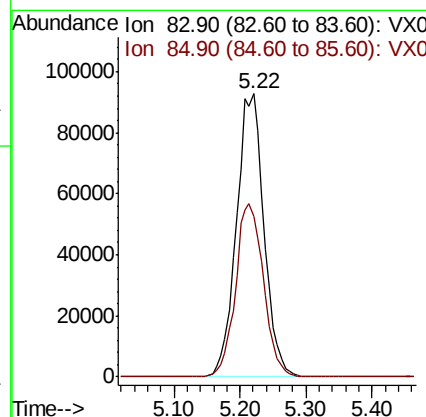
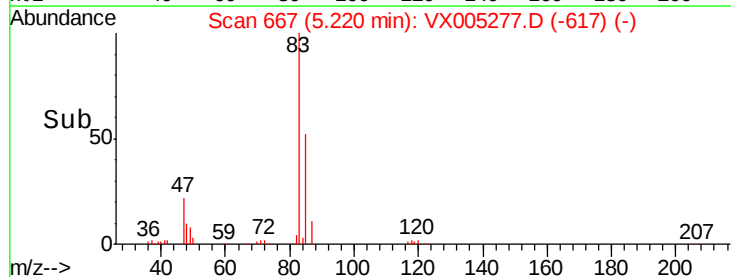
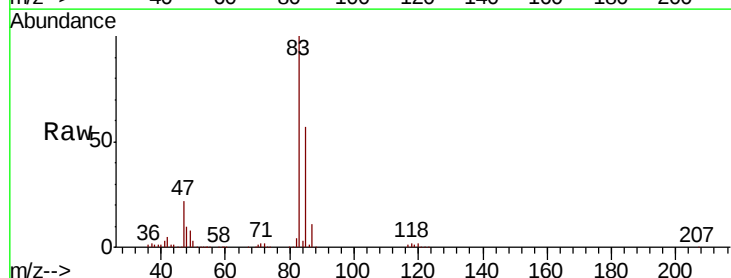
Instrument :
MSVOA_X
ClientSampleId :
RE-122D3-20181004MS

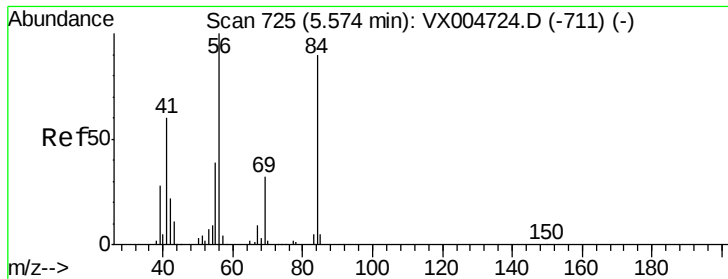
Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	33.7	50.5
71	38.8	32.2	48.4



#30
Chloroform
Concen: 50.165 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005277.D
Acq: 12 Oct 2018 01:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	56.8	52.4	78.6





#31

Cyclohexane

Concen: 55.026 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

Instrument :

MSVOA_X

ClientSampleId :

RE-122D3-20181004MS

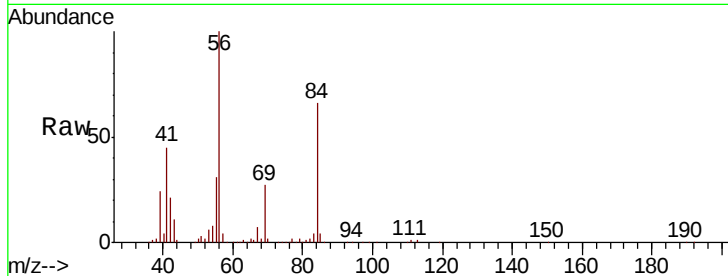
Tot Ion: 56 Resp: 237569

Ion Ratio Lower Upper

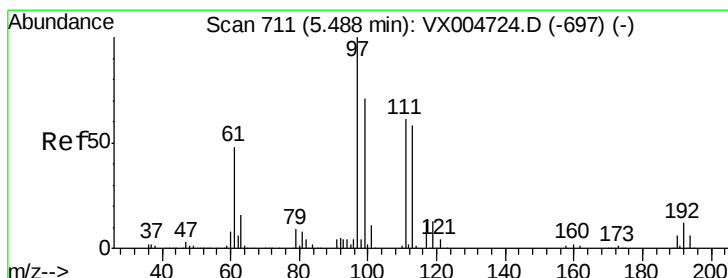
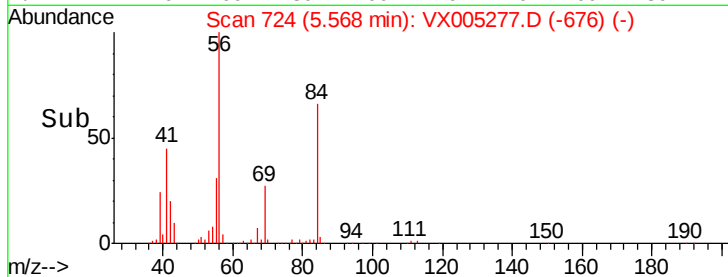
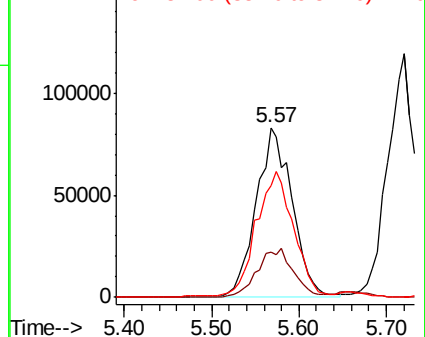
56 100

69 26.5 25.9 38.9

84 64.9 71.9 107.9#



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



#32

1,1,1-Trichloroethane

Concen: 51.672 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.00 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

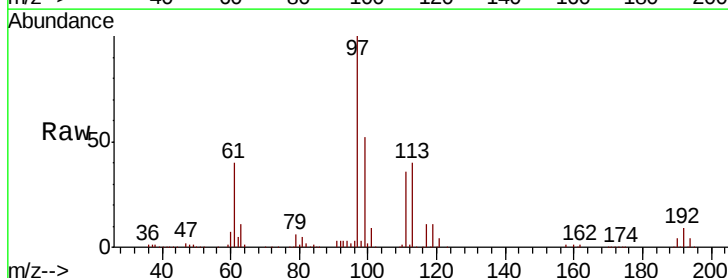
Tgt Ion: 97 Resp: 224977

Ion Ratio Lower Upper

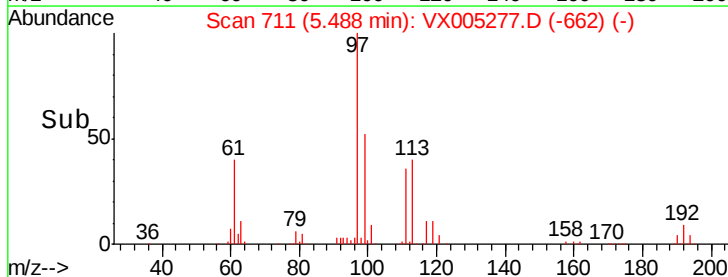
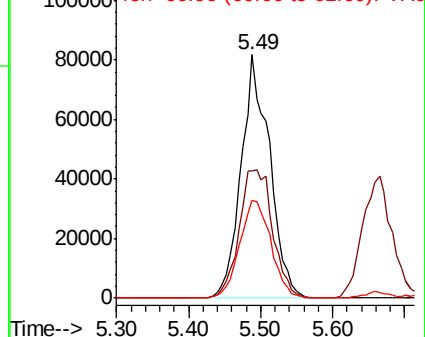
97 100

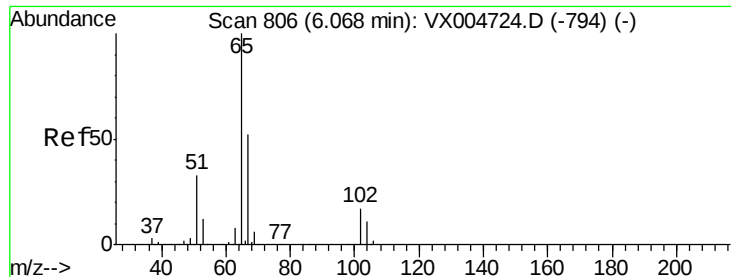
99 61.7 54.6 82.0

61 44.2 37.5 56.3



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





#33

1,2-Dichloroethane-d4

Concen: 41.123 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

Instrument :

MSVOA_X

ClientSampleId :

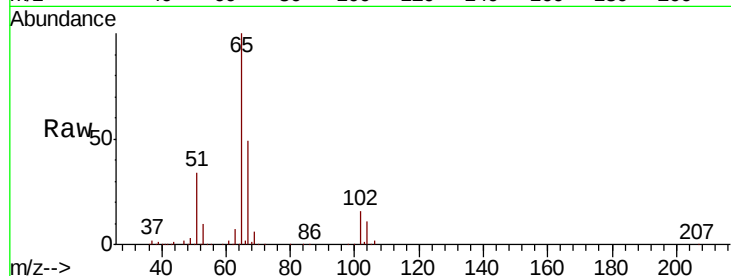
RE-122D3-20181004MS

Tot Ion: 65 Resp: 139541

Ion Ratio Lower Upper

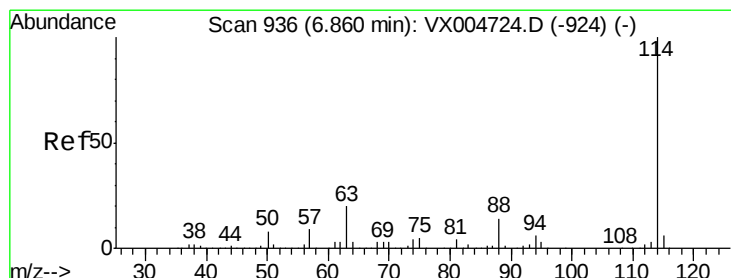
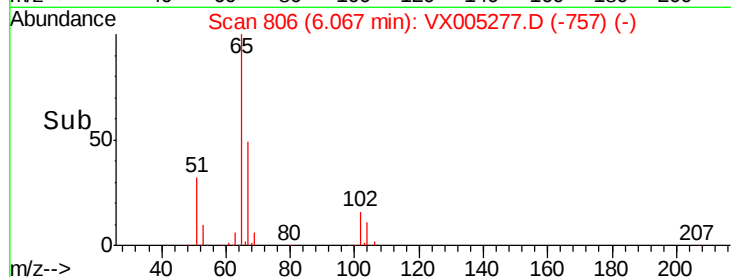
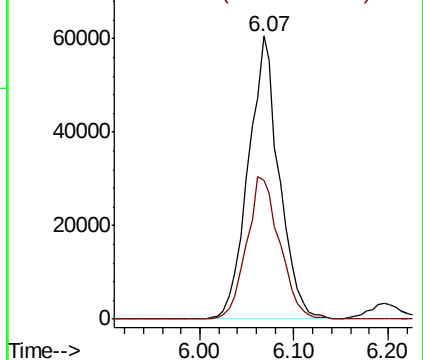
65 100

67 53.8 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

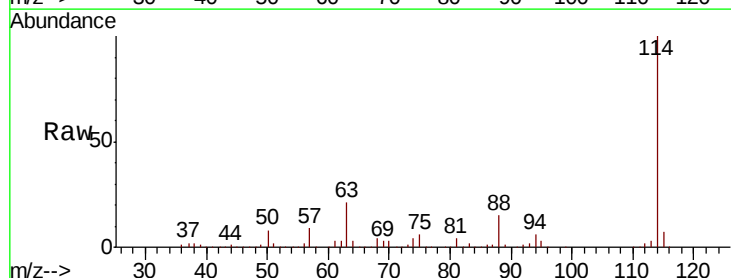
Tgt Ion: 114 Resp: 312699

Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.8

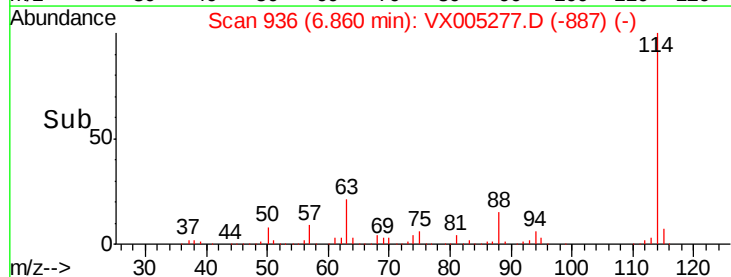
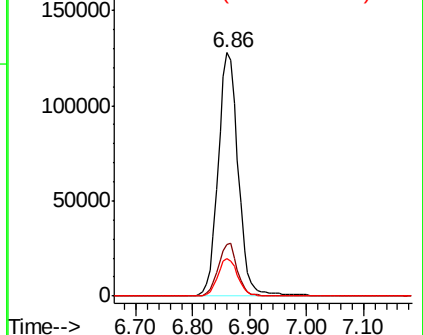
88 15.3 0.0 27.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 43.748 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

Instrument :

MSVOA_X

ClientSampleId :

RE-122D3-20181004MS

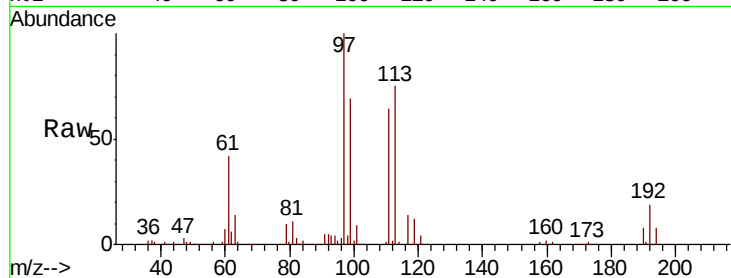
Tot Ion:113 Resp: 115939

Ion Ratio Lower Upper

113 100

111 98.9 77.0 115.4

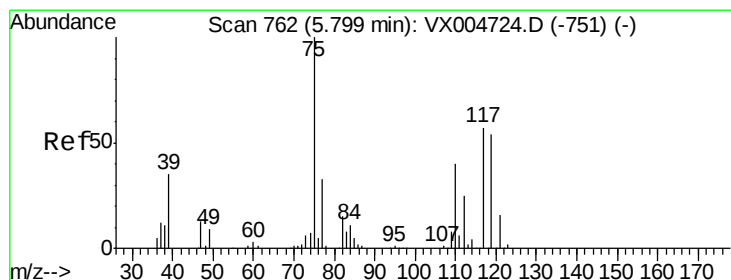
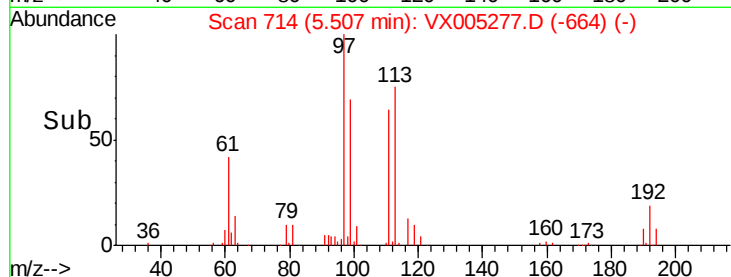
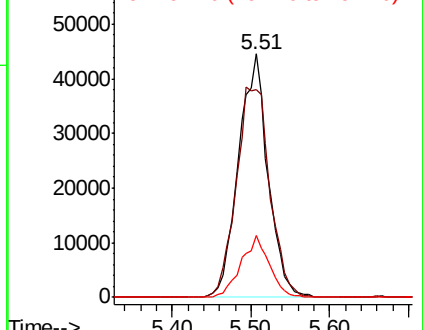
192 24.1 17.0 25.6



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: 50.158 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

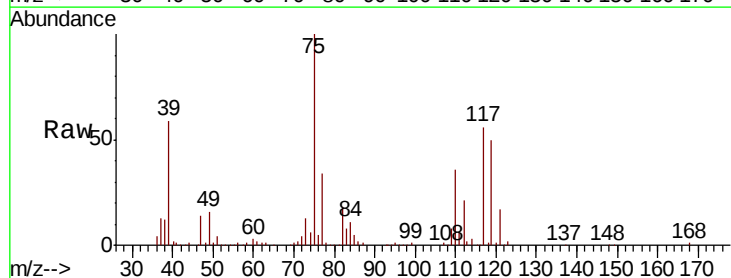
Tgt Ion: 75 Resp: 181361

Ion Ratio Lower Upper

75 100

110 38.3 20.0 59.9

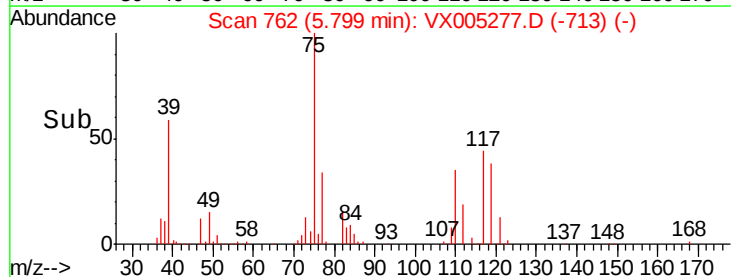
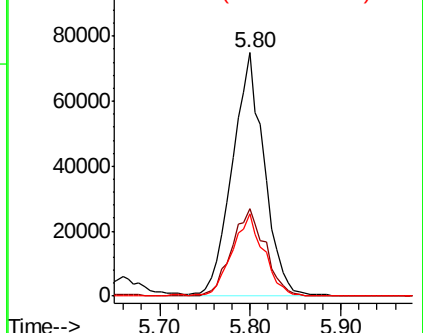
77 33.0 27.1 40.7

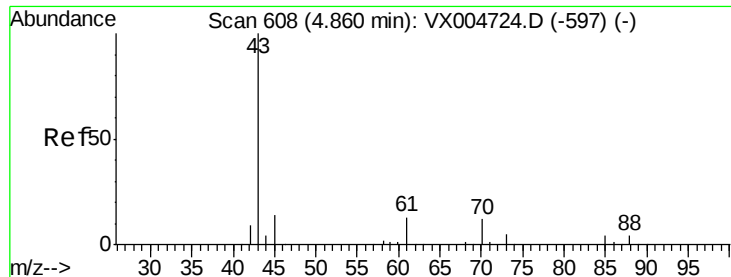


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

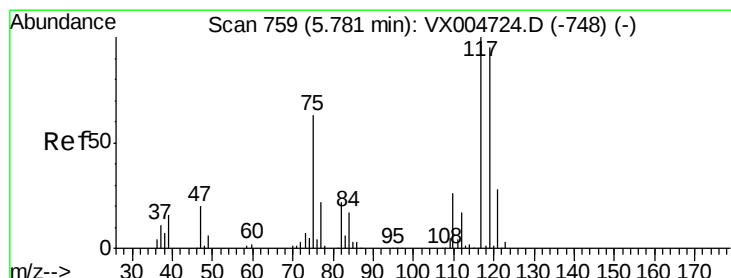
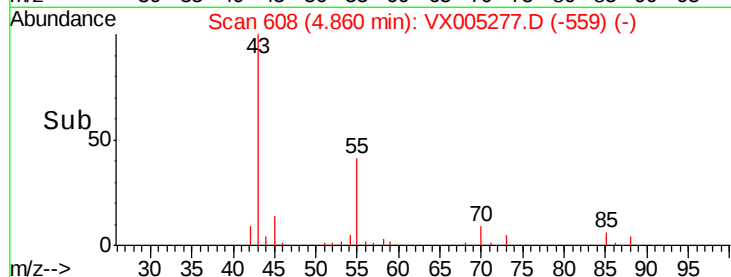
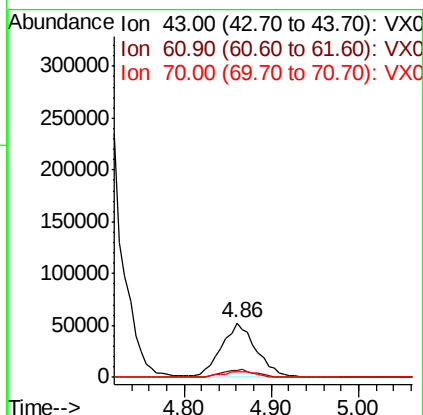
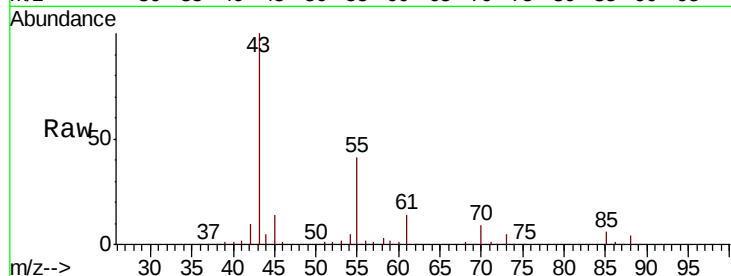




#37
Ethyl Acetate
Concen: 30.145 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX005277.D
Acq: 12 Oct 2018 01:48

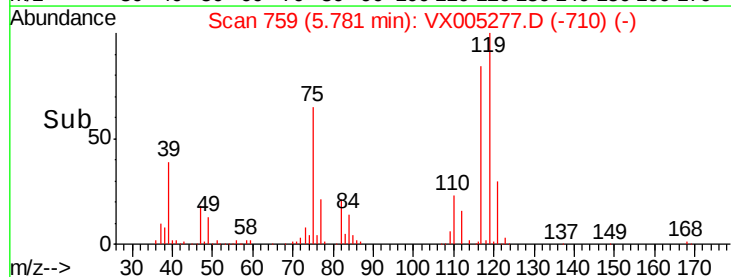
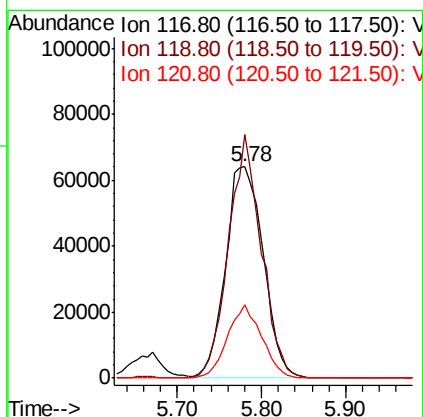
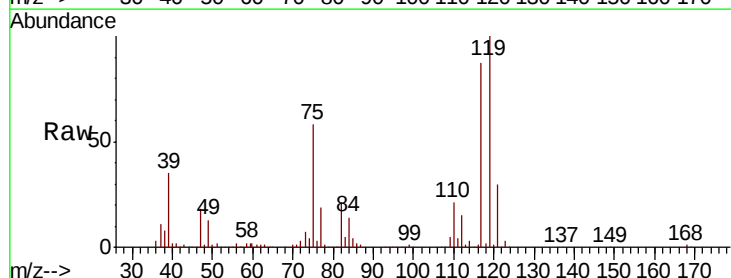
Instrument :
MSVOA_X
ClientSampleId :
RE-122D3-20181004MS

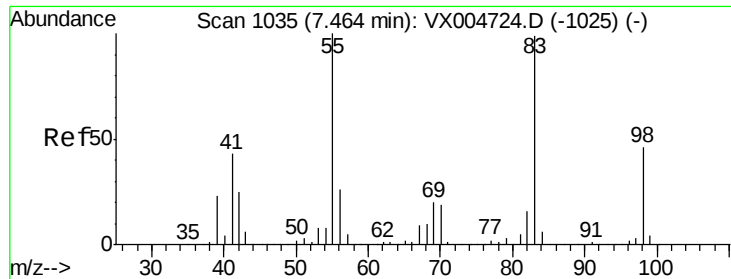
Tot Ion: 43 Resp: 144683
Ion Ratio Lower Upper
43 100
61 14.4 10.4 15.6
70 10.8 8.7 13.1



#38
Carbon Tetrachloride
Concen: 51.339 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005277.D
Acq: 12 Oct 2018 01:48

Tgt Ion: 117 Resp: 195134
Ion Ratio Lower Upper
117 100
119 115.2 75.2 112.8#
121 34.9 22.5 33.7#

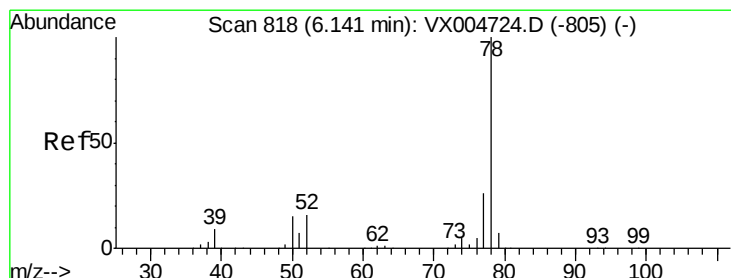
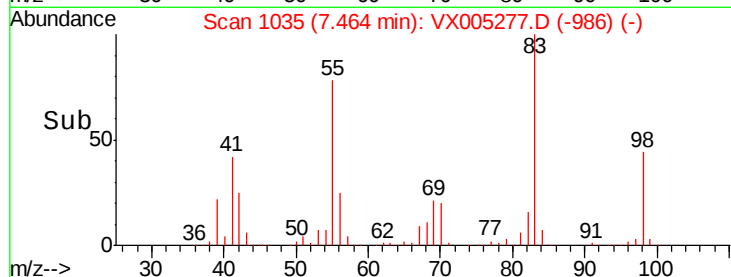
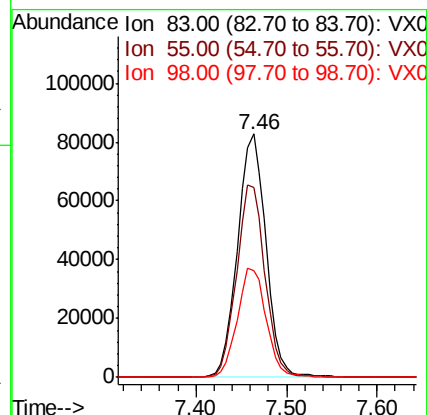
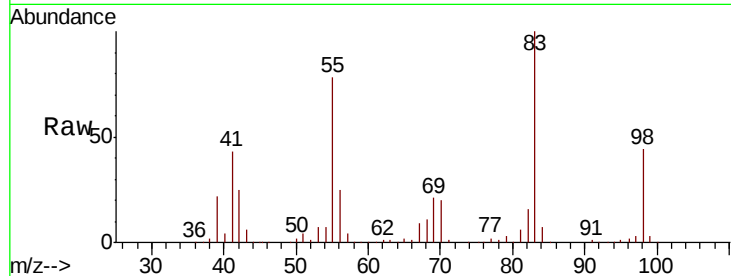




#39
Methvlcvclohexane
Concen: 48.820 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005277.D
Acq: 12 Oct 2018 01:48

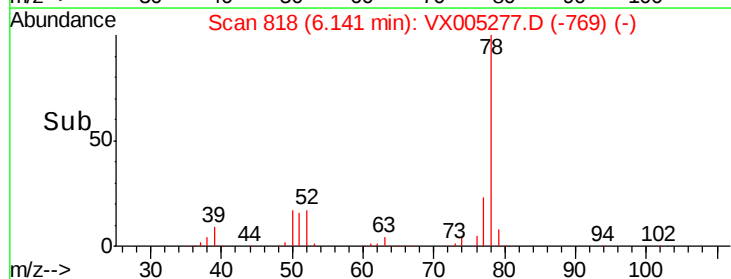
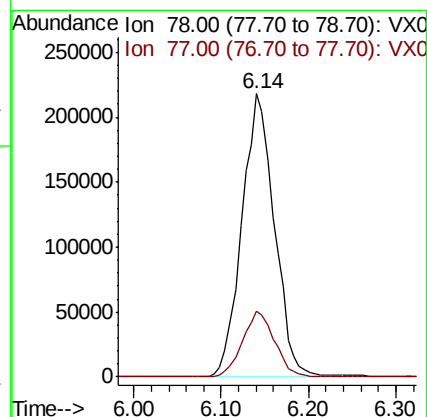
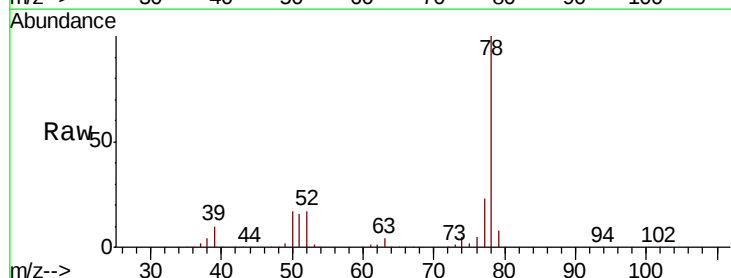
Instrument :
MSVOA_X
ClientSampleId :
RE-122D3-20181004MS

Tot Ion: 83 Resp: 180250
Ion Ratio Lower Upper
83 100
55 78.0 81.1 121.7#
98 44.0 37.3 55.9



#40
Benzene
Concen: 49.780 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005277.D
Acq: 12 Oct 2018 01:48

Tgt Ion: 78 Resp: 563508
Ion Ratio Lower Upper
78 100
77 23.4 21.0 31.4

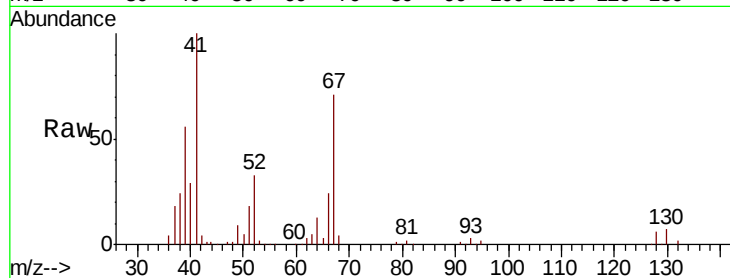




#41
Methacrylonitrile
Concen: 50.802 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005277.D
Acq: 12 Oct 2018 01:48

Instrument :
MSVOA_X
ClientSampleId :
RE-122D3-20181004MS

Tot Ion:	41	Resp:	135222
Ion	Ratio	Lower	Upper
41	100		
39	56.8	42.5	63.7
67	70.6	53.0	79.6
52	28.6	19.8	29.8



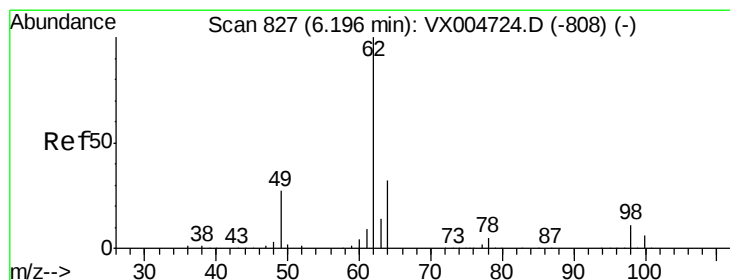
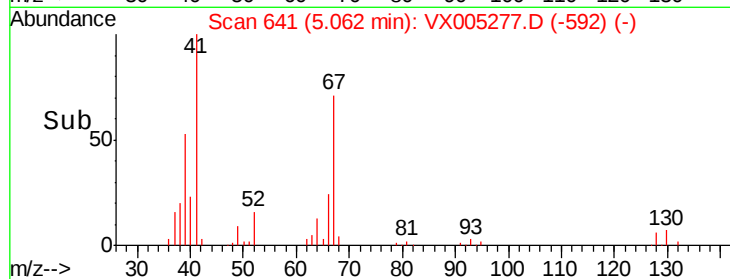
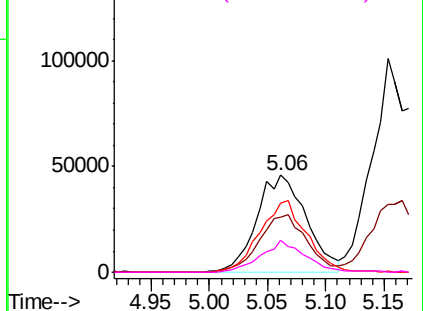
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

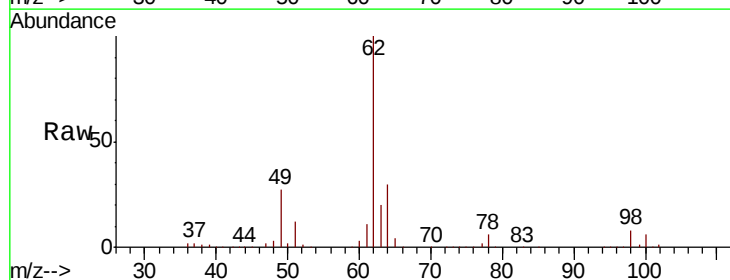
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 50.262 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005277.D
Acq: 12 Oct 2018 01:48

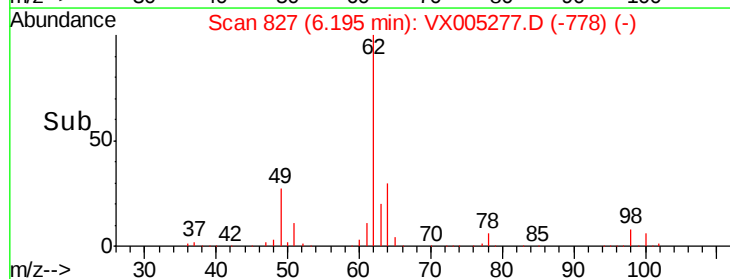
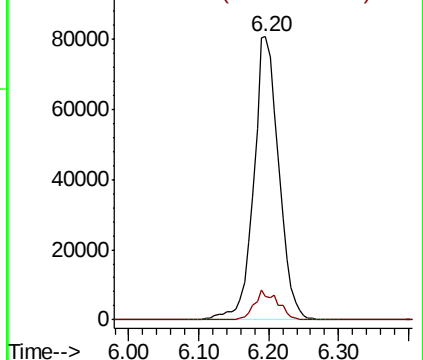
Tgt Ion:	62	Resp:	201135
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.2

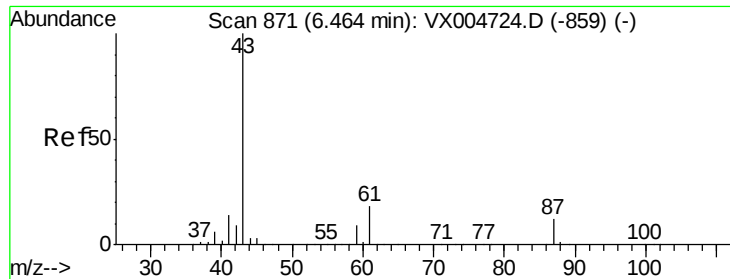


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 33.904 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

Instrument :

MSVOA_X

ClientSampleId :

RE-122D3-20181004MS

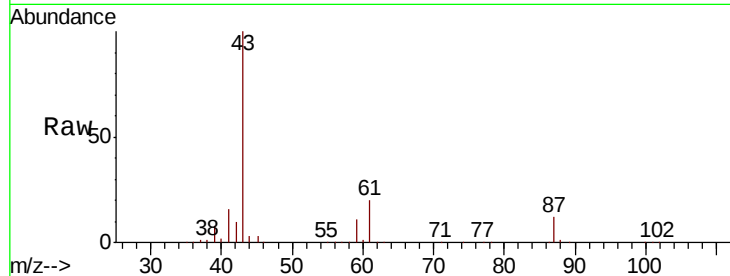
Tot Ion: 43 Resp: 234871

Ion Ratio Lower Upper

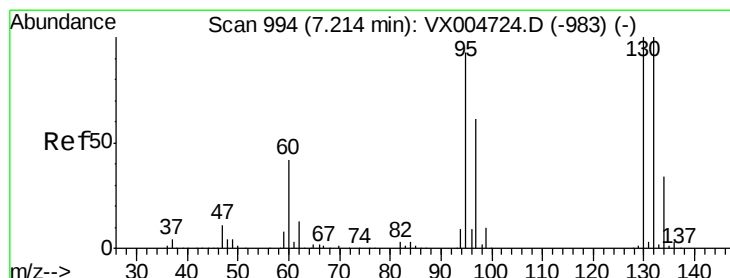
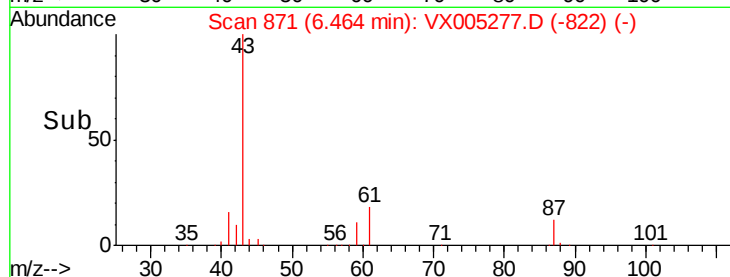
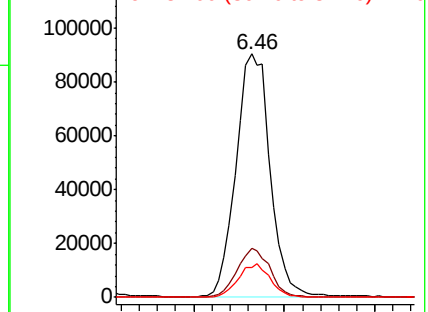
43 100

61 19.7 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: 54.261 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005277.D

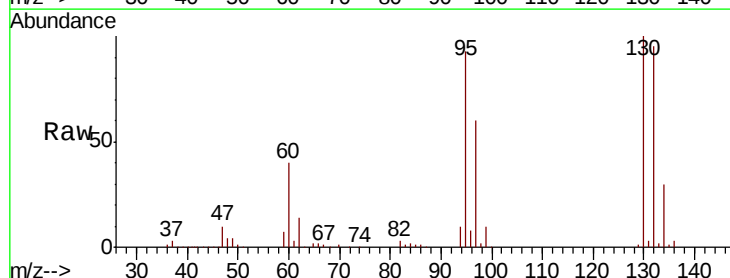
Acq: 12 Oct 2018 01:48

Tgt Ion:130 Resp: 150998

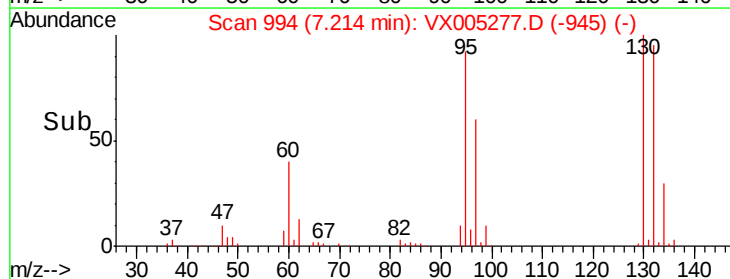
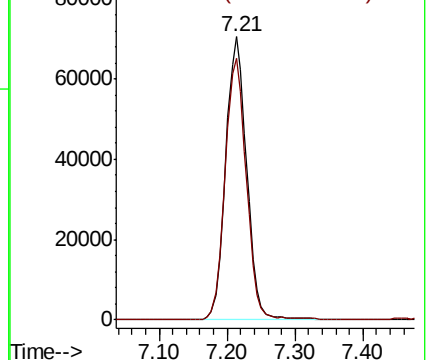
Ion Ratio Lower Upper

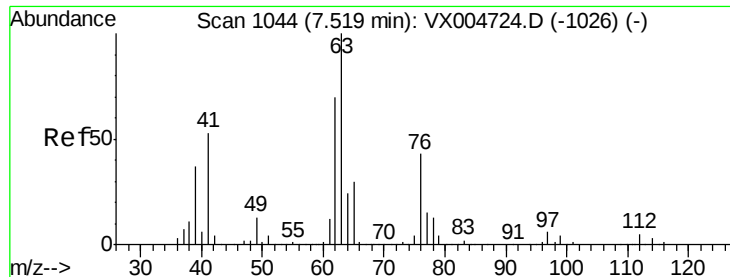
130 100

95 92.5 0.0 186.8



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

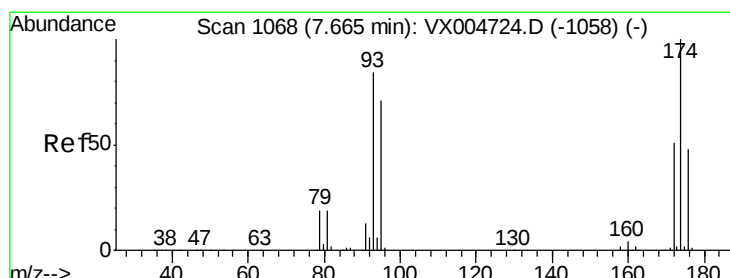
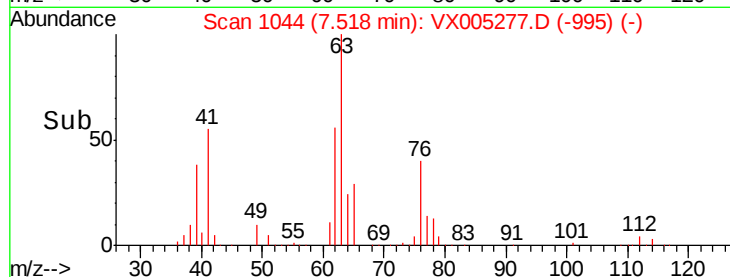
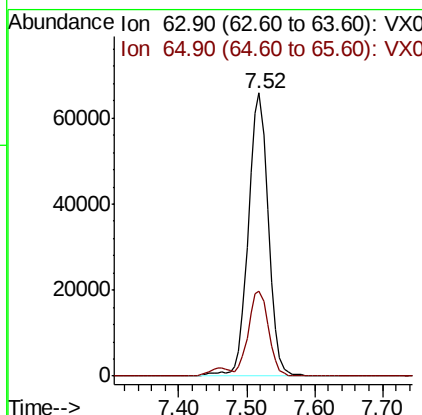
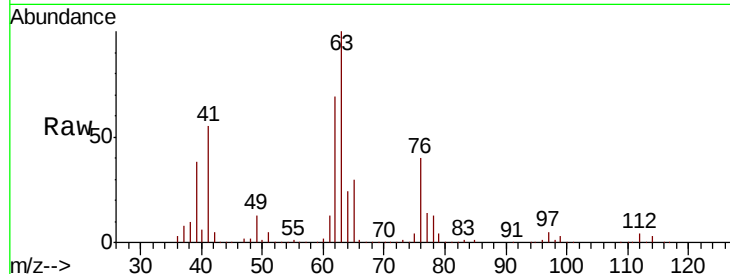




#45
 1,2-Dichloropropane
 Concen: 48.749 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005277.D
 Acq: 12 Oct 2018 01:48

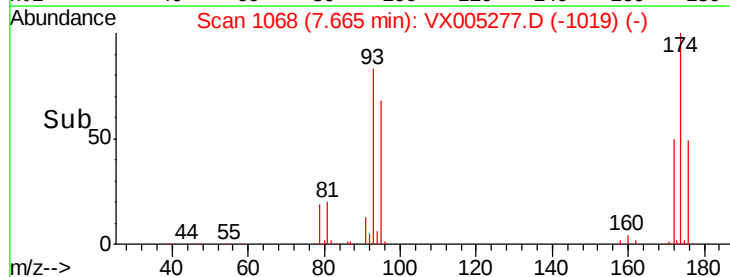
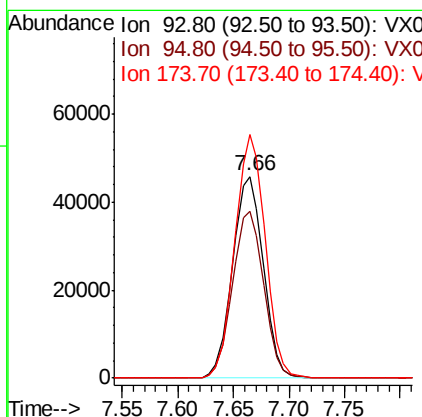
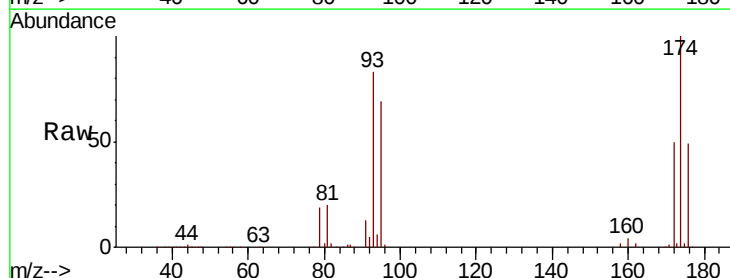
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-122D3-20181004MS

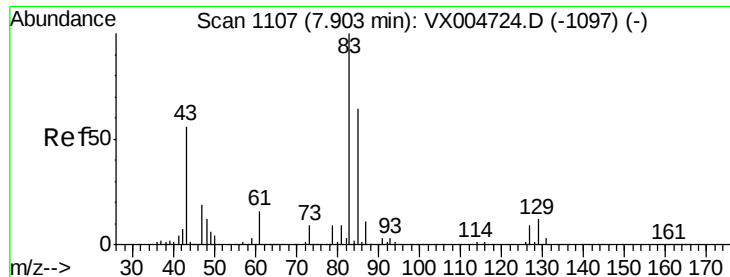
Tot Ion: 63 Resp: 135329
 Ion Ratio Lower Upper
 63 100
 65 30.1 23.9 35.9



#46
 Dibromomethane
 Concen: 50.400 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005277.D
 Acq: 12 Oct 2018 01:48

Tgt Ion: 93 Resp: 87929
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.7 100.1
 174 119.7 92.7 139.1





#47

Bromodichloromethane

Concen: 52.748 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

Instrument :

MSVOA_X

ClientSampleId :

RE-122D3-20181004MS

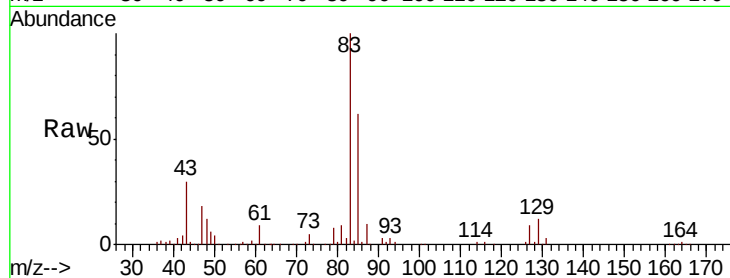
Tot Ion: 83 Resp: 172297

Ion Ratio Lower Upper

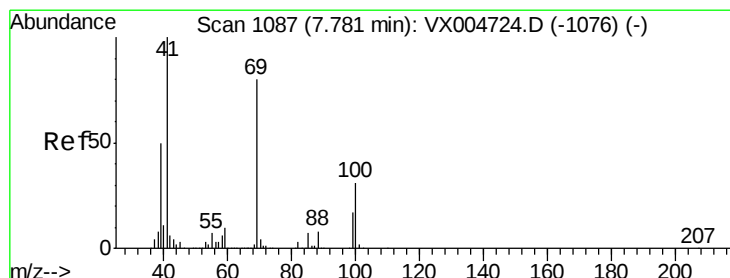
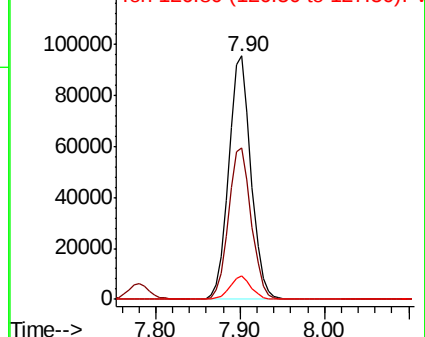
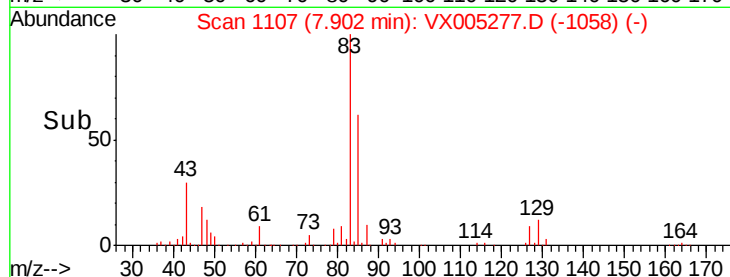
83 100

85 62.1 51.2 76.8

127 9.5 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: 56.151 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

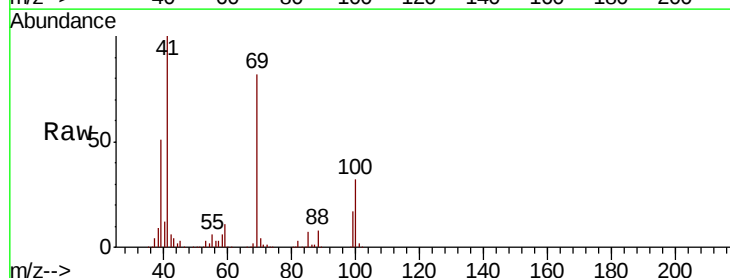
Tgt Ion: 41 Resp: 176557

Ion Ratio Lower Upper

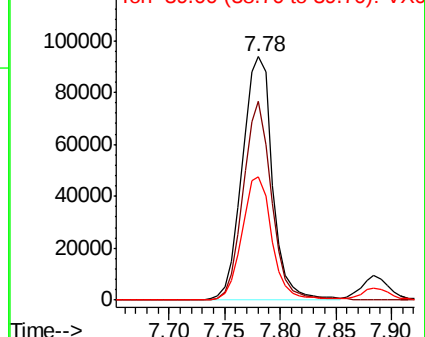
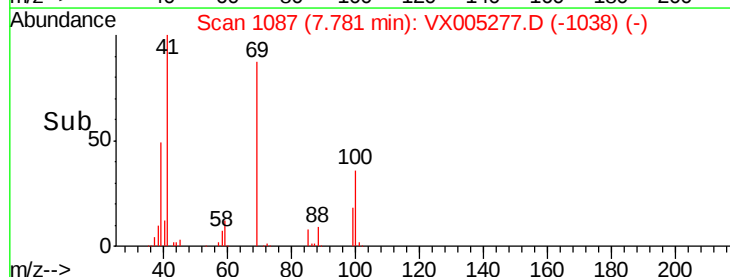
41 100

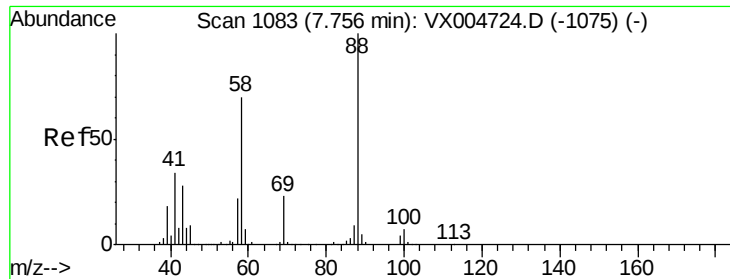
69 77.6 63.8 95.6

39 50.0 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

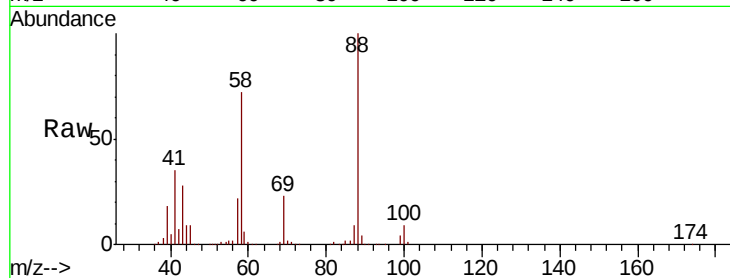




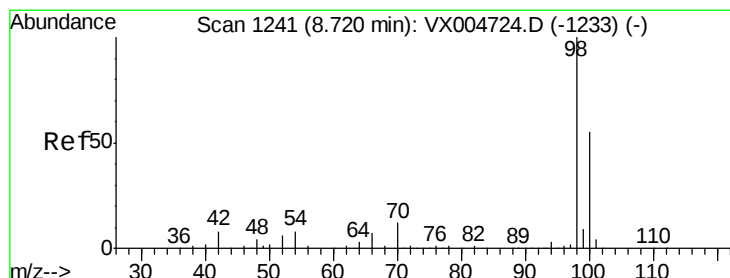
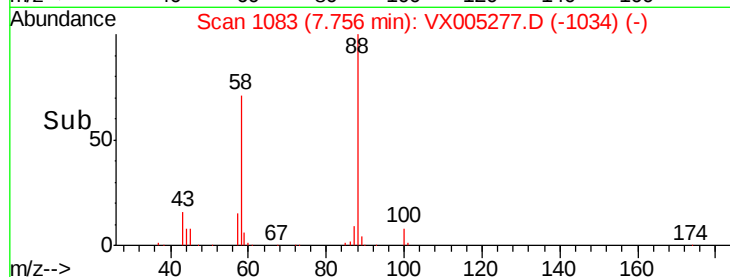
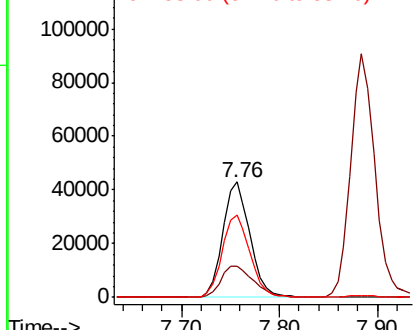
#49
1,4-Dioxane
Concen: 1050.311 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005277.D
Acq: 12 Oct 2018 01:48

Instrument :
MSVOA_X
ClientSampleId :
RE-122D3-20181004MS

Tot Ion: 88 Resp: 82047
Ion Ratio Lower Upper
88 100
43 32.7 25.1 37.7
58 73.3 56.2 84.2

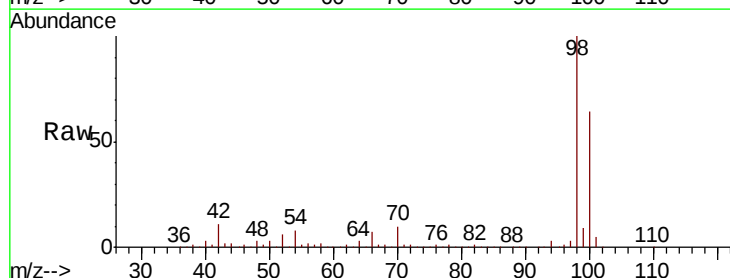


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

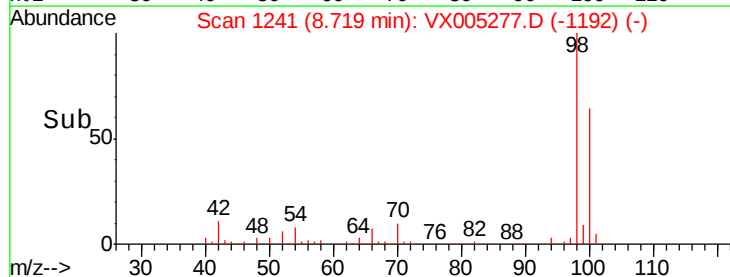
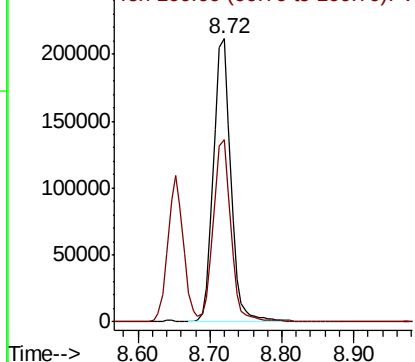


#50
Toluene-d8
Concen: 40.206 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005277.D
Acq: 12 Oct 2018 01:48

Tgt Ion: 98 Resp: 354230
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



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

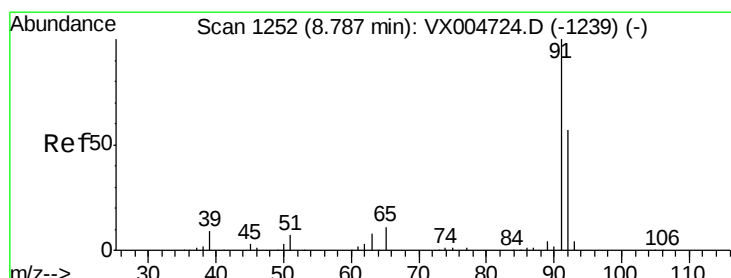
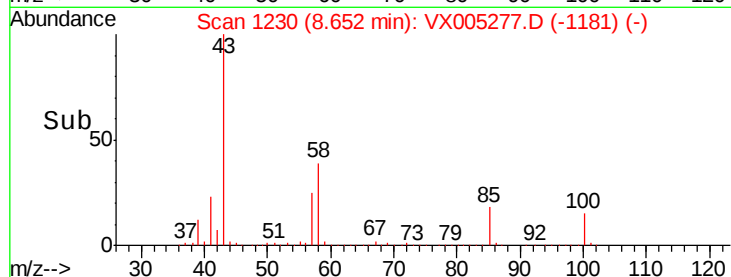
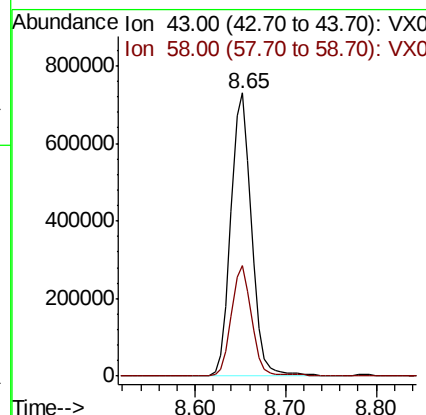
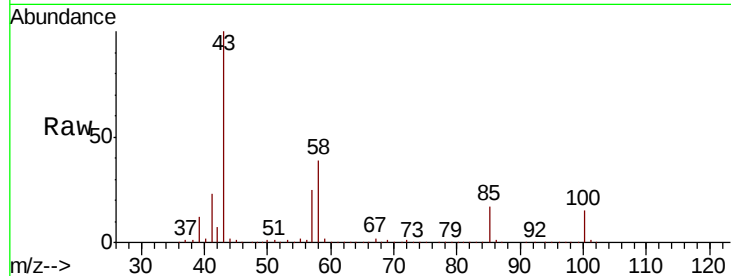




#51
4-Methyl-2-Pentanone
Concen: 266.324 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX005277.D
Acq: 12 Oct 2018 01:48

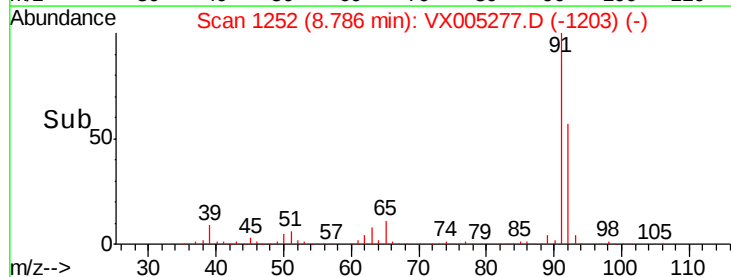
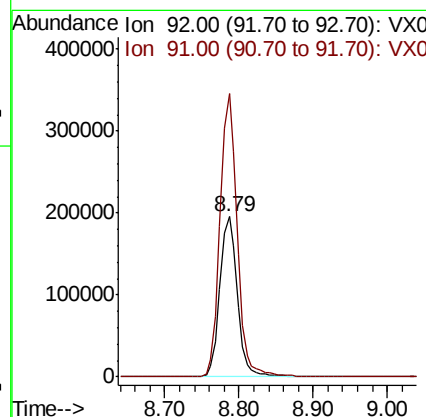
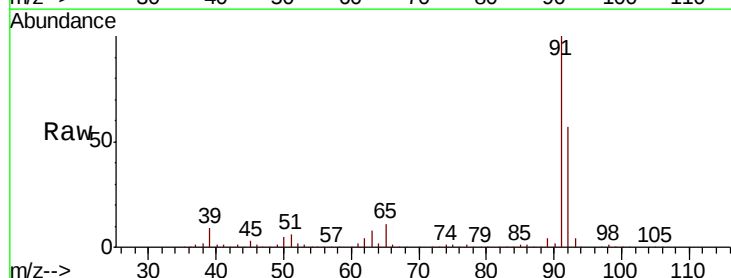
Instrument :
MSVOA_X
ClientSampleId :
RE-122D3-20181004MS

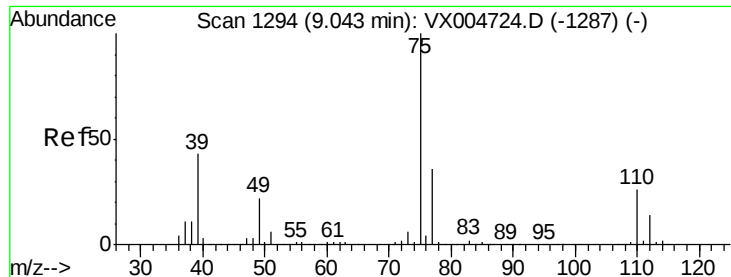
Tot Ion: 43 Resp: 1161677
Ion Ratio Lower Upper
43 100
58 38.9 30.5 45.7



#52
Toluene
Concen: 50.870 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005277.D
Acq: 12 Oct 2018 01:48

Tgt Ion: 92 Resp: 316419
Ion Ratio Lower Upper
92 100
91 174.7 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 40.833 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

Instrument :

MSVOA_X

ClientSampleId :

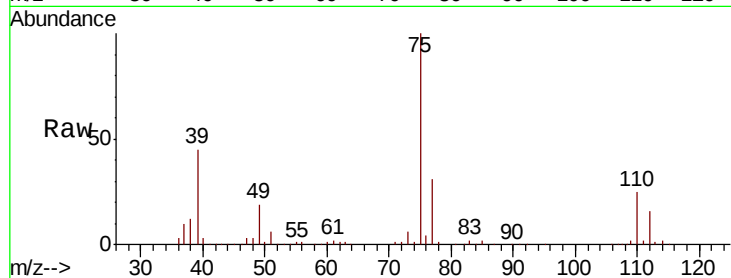
RE-122D3-20181004MS

Tot Ion: 75 Resp: 150722

Ion Ratio Lower Upper

75 100

77 30.9 28.9 43.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

120000

100000

80000

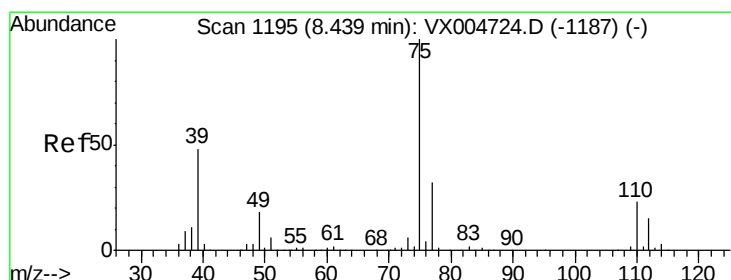
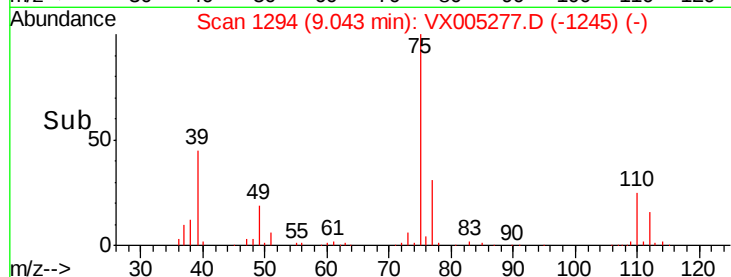
60000

40000

20000

0

Time--> 8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 40.973 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

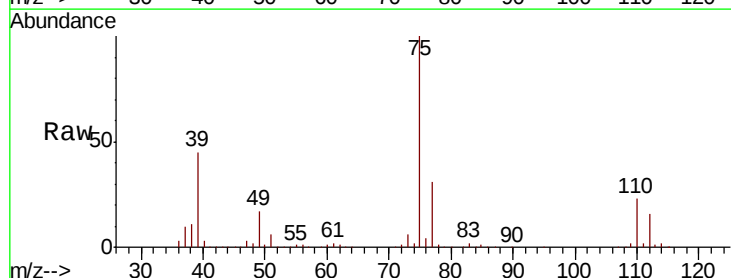
Tgt Ion: 75 Resp: 158411

Ion Ratio Lower Upper

75 100

77 30.5 25.7 38.5

39 44.7 38.3 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

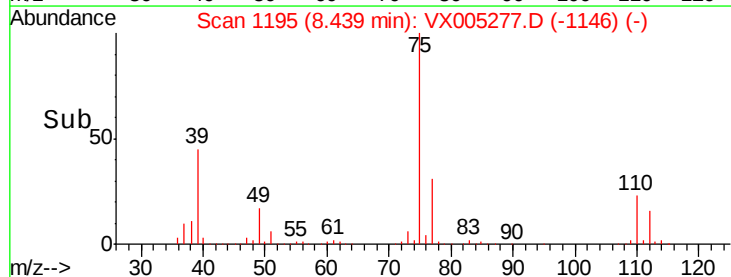
8.44

100000

50000

0

Time--> 8.40 8.50

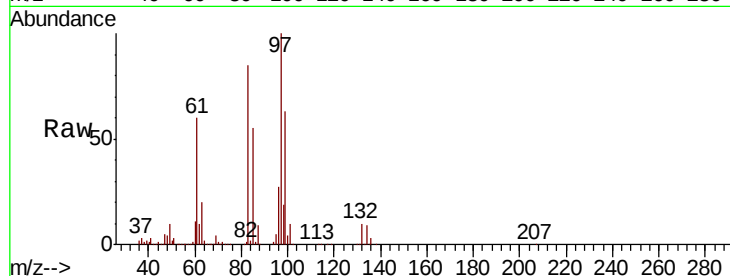




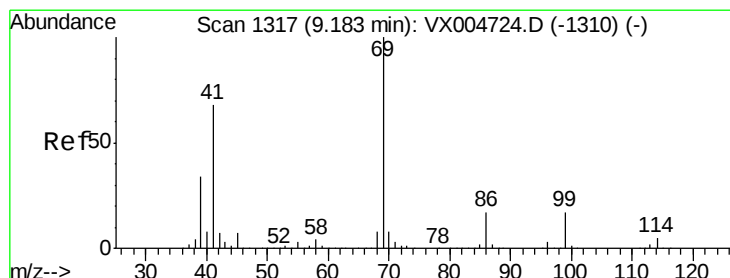
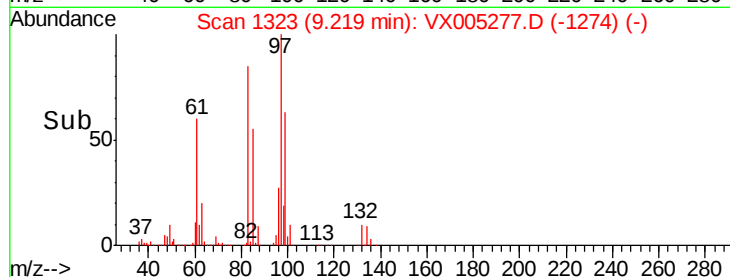
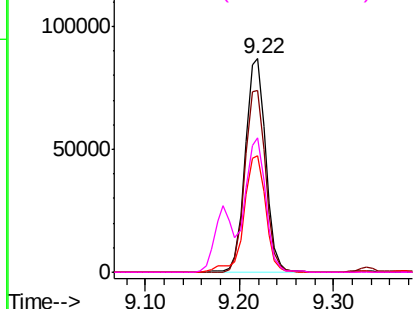
#55
 1,1,2-Trichloroethane
 Concen: 48.526 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005277.D
 Acq: 12 Oct 2018 01:48

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-122D3-20181004MS

Tot Ion:	97	Resp:	132216
Ion	Ratio	Lower	Upper
97	100		
83	84.9	68.2	102.2
85	54.8	49.9	74.9
99	63.2	48.9	73.3

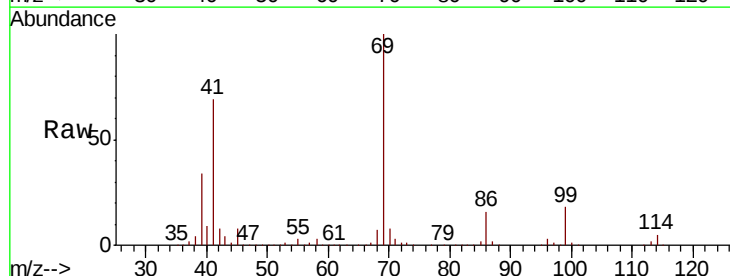


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

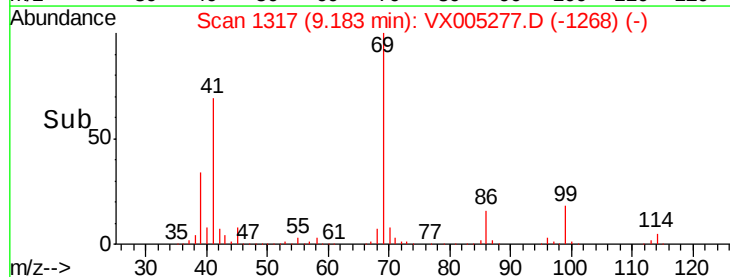
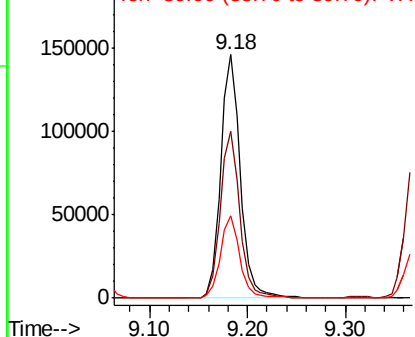


#56
 Ethyl methacrylate
 Concen: 46.268 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005277.D
 Acq: 12 Oct 2018 01:48

Tgt Ion:	69	Resp:	203565
Ion	Ratio	Lower	Upper
69	100		
41	68.1	56.9	85.3
39	33.6	28.4	42.6



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

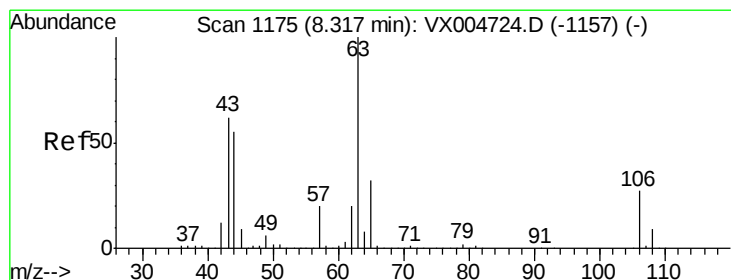
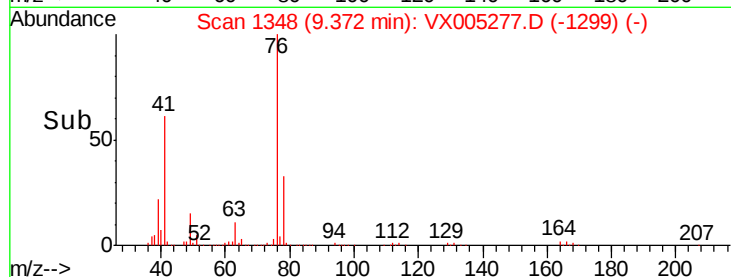
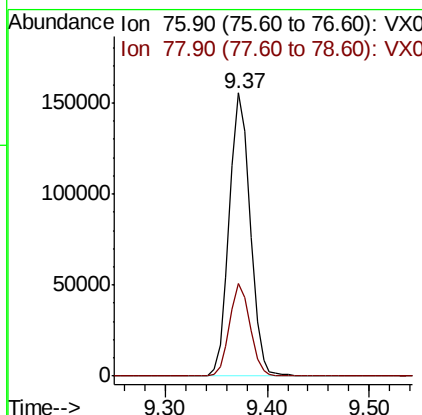
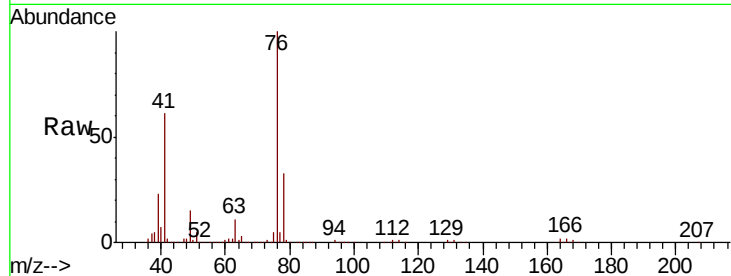




#57
 1,3-Dichloropropane
 Concen: 48.566 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005277.D
 Acq: 12 Oct 2018 01:48

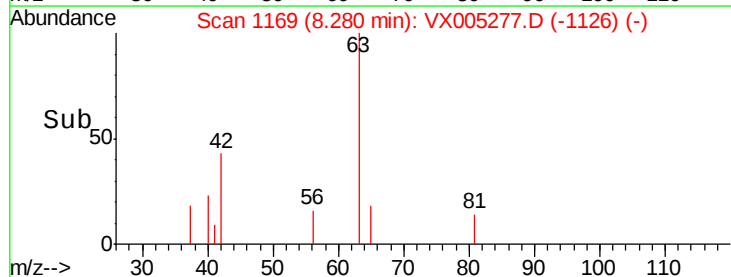
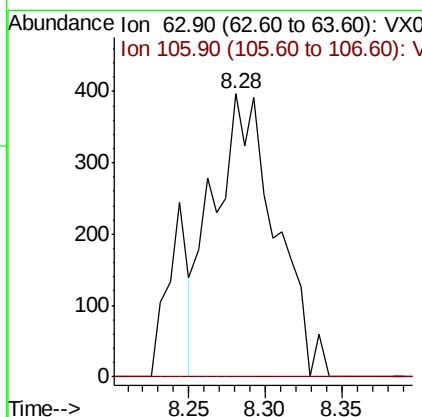
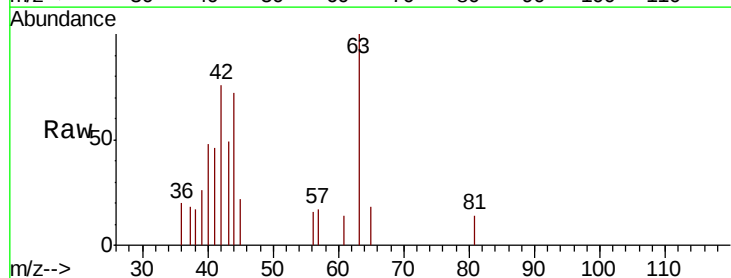
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-122D3-20181004MS

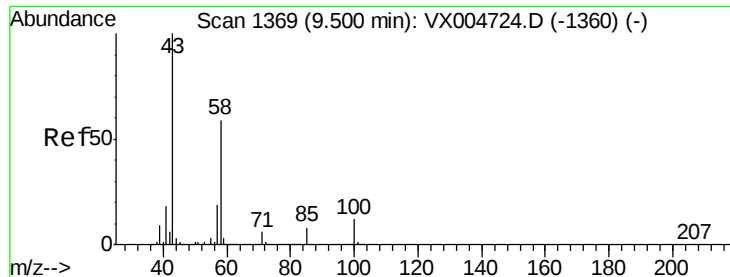
Tot Ion: 76 Resp: 220233
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 14.691 ug/l
 RT: 8.28 min Scan# 1169
 Delta R.T. -0.04 min
 Lab File: VX005277.D
 Acq: 12 Oct 2018 01:48

Tgt Ion: 63 Resp: 1118
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.0 31.6#

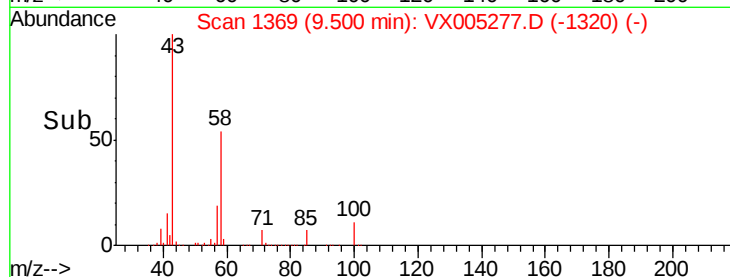
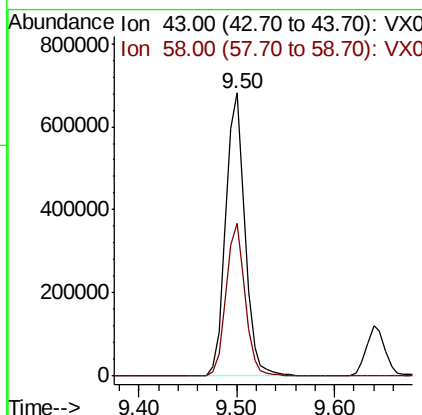
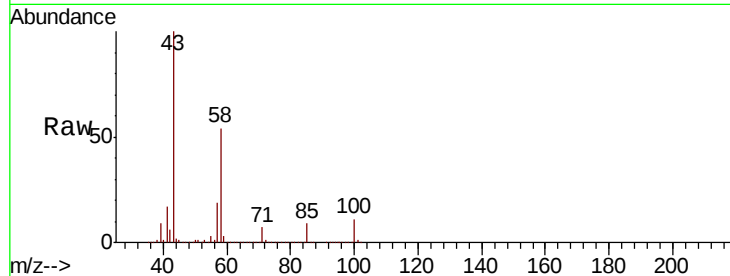




#59
2-Hexanone
Concen: 257.591 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005277.D
Acq: 12 Oct 2018 01:48

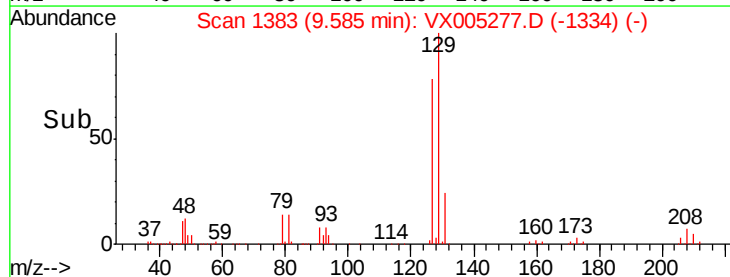
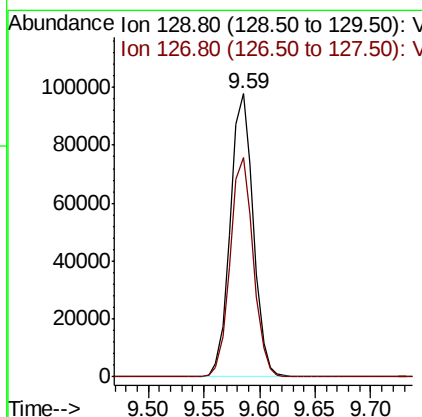
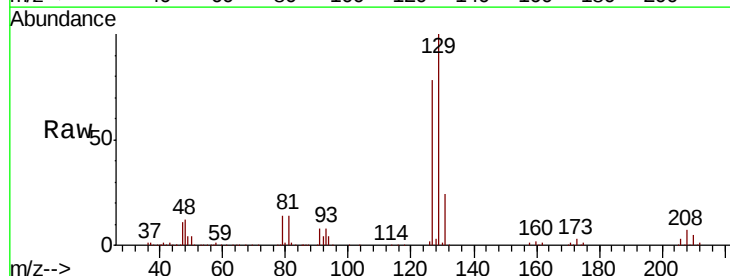
Instrument :
MSVOA_X
ClientSampleId :
RE-122D3-20181004MS

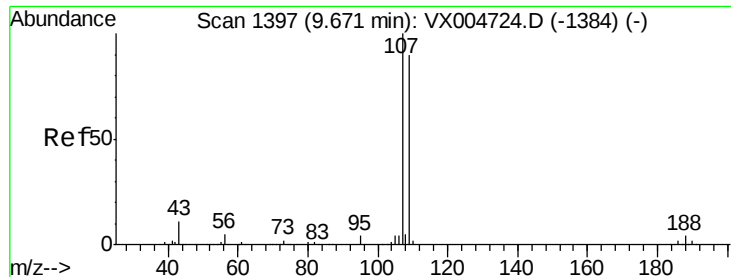
Tot Ion: 43 Resp: 936304
Ion Ratio Lower Upper
43 100
58 53.4 28.4 85.3



#60
Dibromochloromethane
Concen: 51.439 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005277.D
Acq: 12 Oct 2018 01:48

Tgt Ion: 129 Resp: 140162
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 47.644 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

Instrument :

MSVOA_X

ClientSampleId :

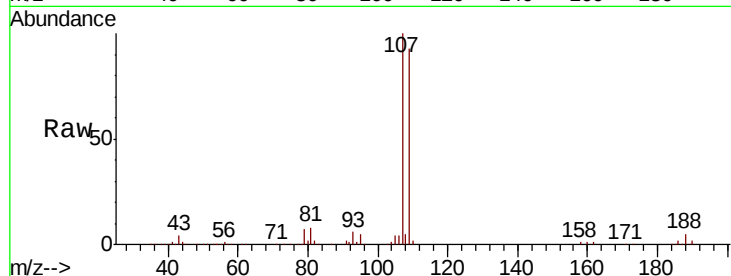
RE-122D3-20181004MS

Tot Ion:107 Resp: 139021

Ion Ratio Lower Upper

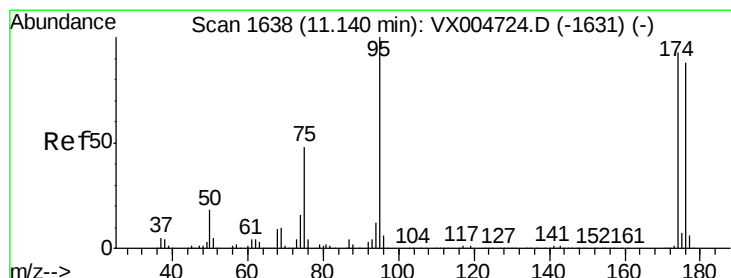
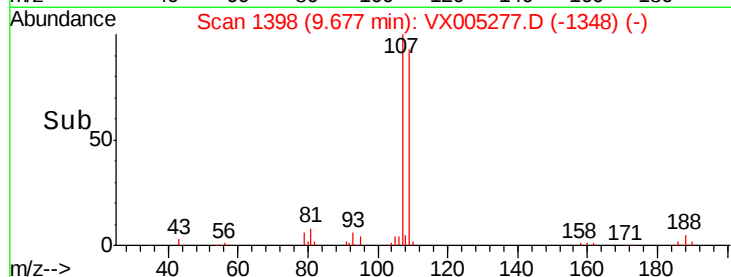
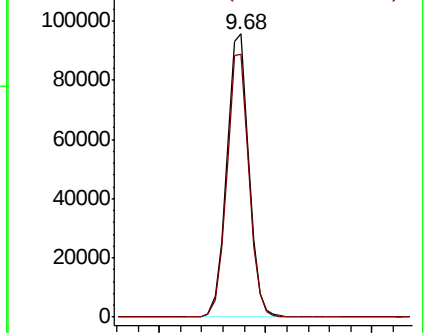
107 100

109 93.3 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: 42.736 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

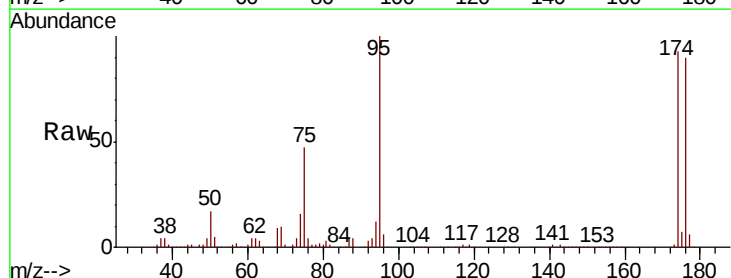
Tgt Ion: 95 Resp: 135644

Ion Ratio Lower Upper

95 100

174 94.0 0.0 185.0

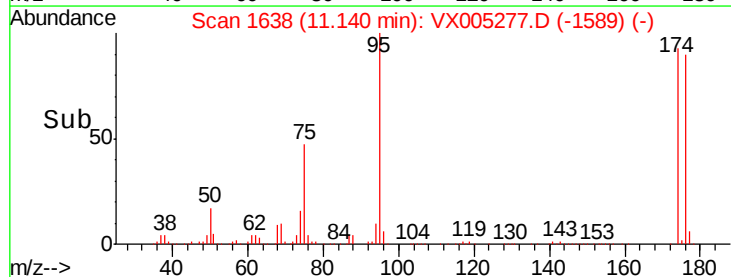
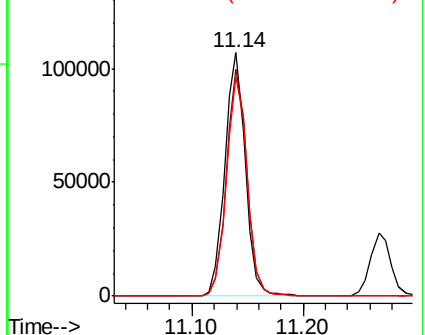
176 91.1 0.0 180.2

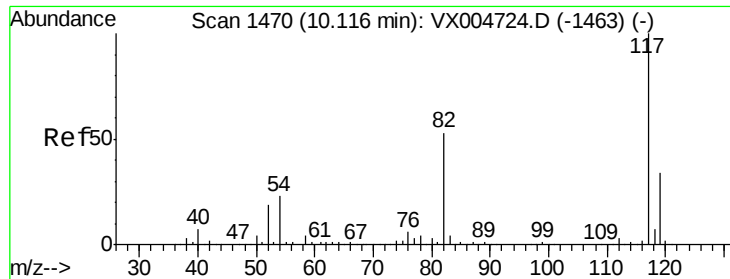


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

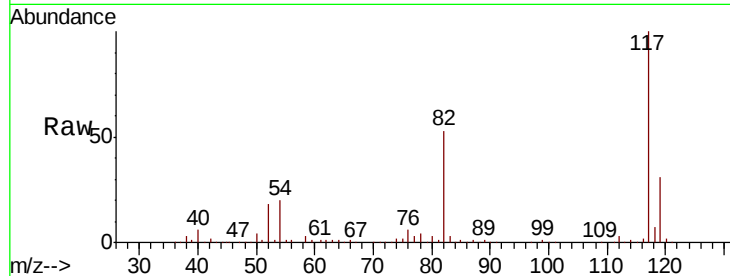




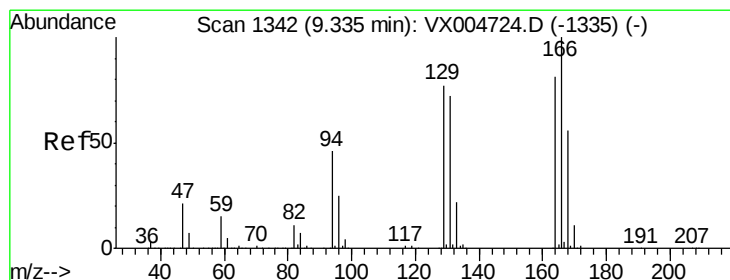
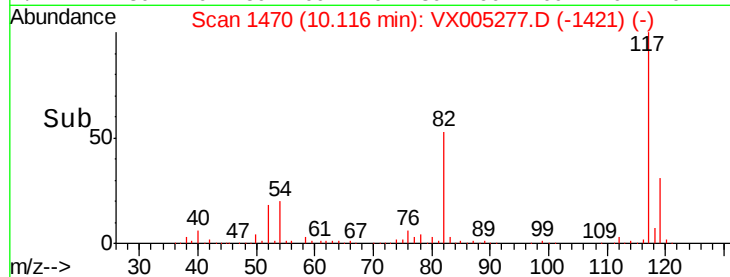
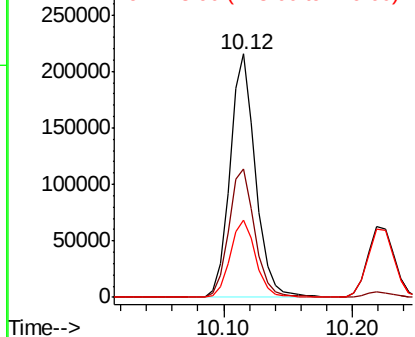
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005277.D
Acq: 12 Oct 2018 01:48

Instrument :
MSVOA_X
ClientSampleId :
RE-122D3-20181004MS

Tot Ion:117 Resp: 297224
Ion Ratio Lower Upper
117 100
82 53.0 42.2 63.4
119 31.5 27.4 41.0

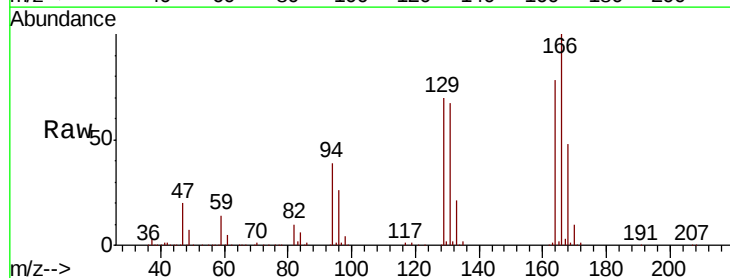


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

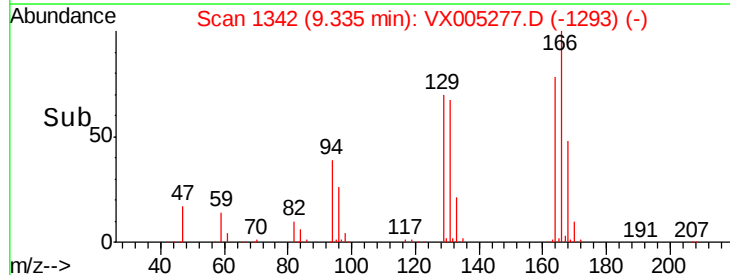
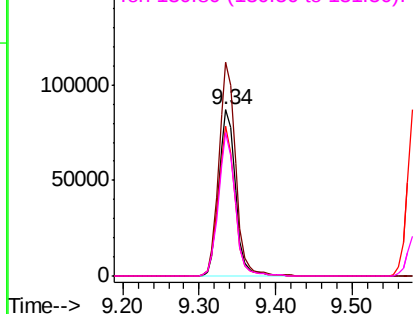


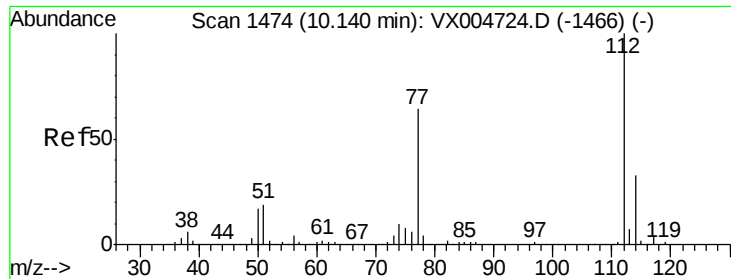
#64
Tetrachloroethene
Concen: 45.073 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005277.D
Acq: 12 Oct 2018 01:48

Tgt Ion:164 Resp: 131853
Ion Ratio Lower Upper
164 100
166 128.8 98.4 147.6
129 90.5 76.1 114.1
131 86.3 71.0 106.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

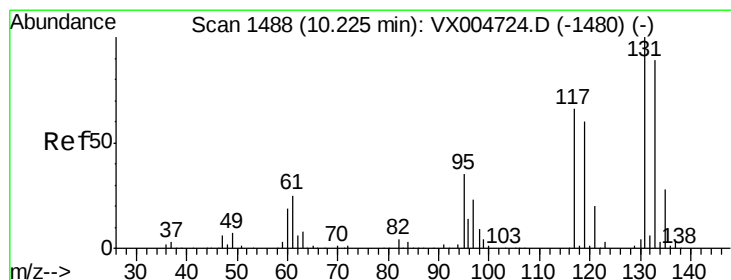
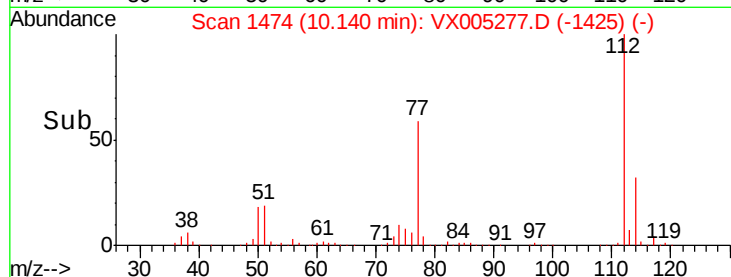
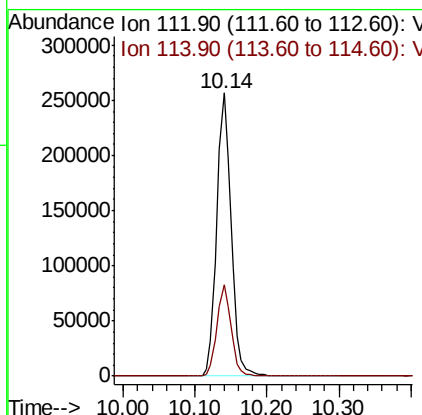
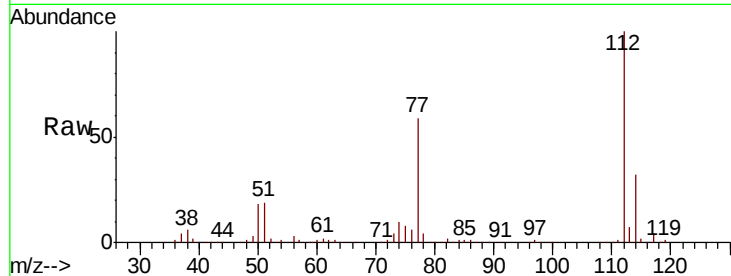




#65
Chlorobenzene
Concen: 46.769 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005277.D
Acq: 12 Oct 2018 01:48

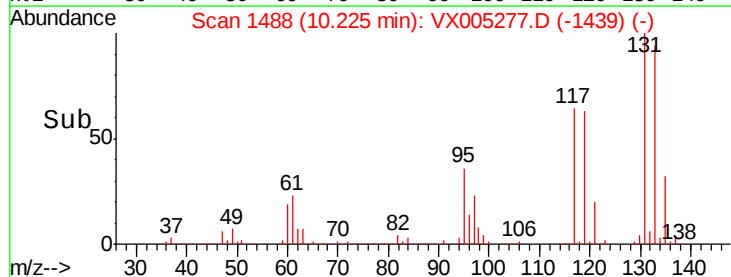
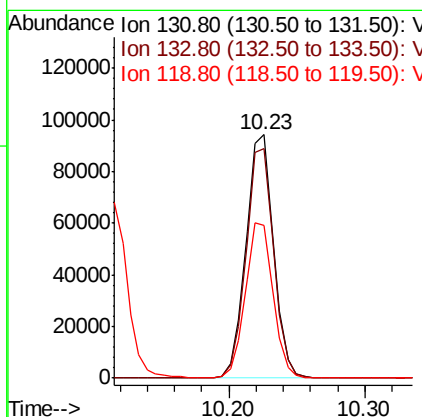
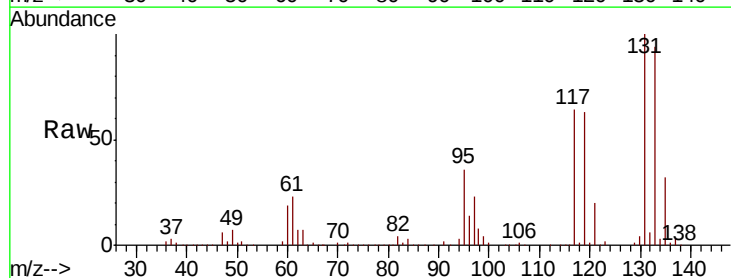
Instrument :
MSVOA_X
ClientSampleId :
RE-122D3-20181004MS

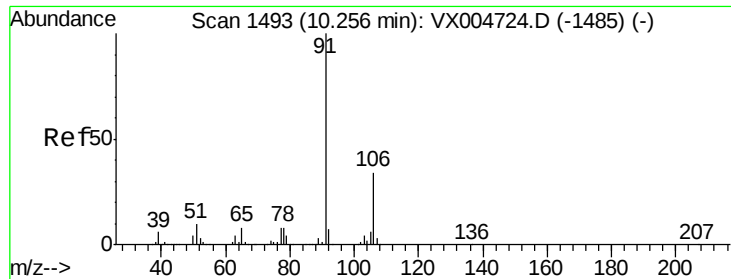
Tot Ion:112 Resp: 356455
Ion Ratio Lower Upper
112 100
114 32.1 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 49.958 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX005277.D
Acq: 12 Oct 2018 01:48

Tgt Ion:131 Resp: 133861
Ion Ratio Lower Upper
131 100
133 94.8 48.4 145.0
119 64.4 32.3 96.8

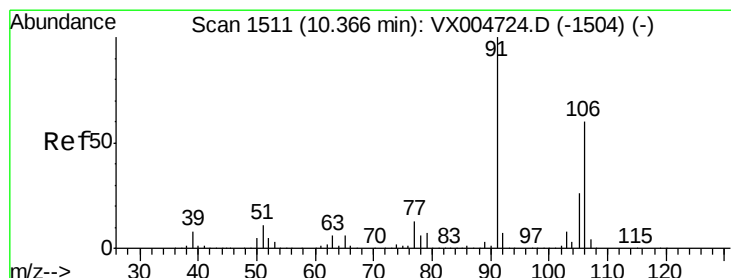
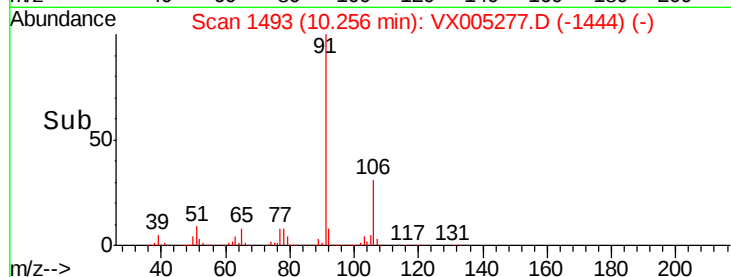
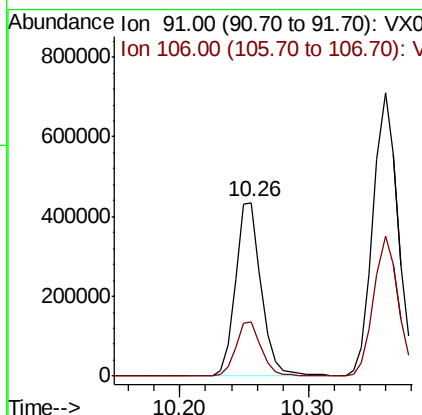
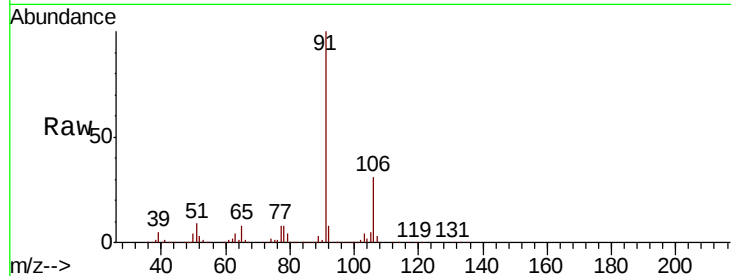




#67
Ethyl Benzene
Concen: 49.959 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX005277.D
Acq: 12 Oct 2018 01:48

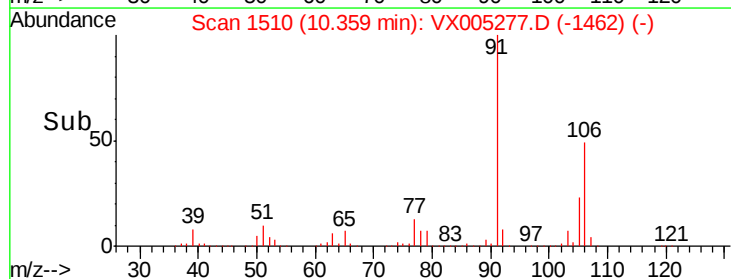
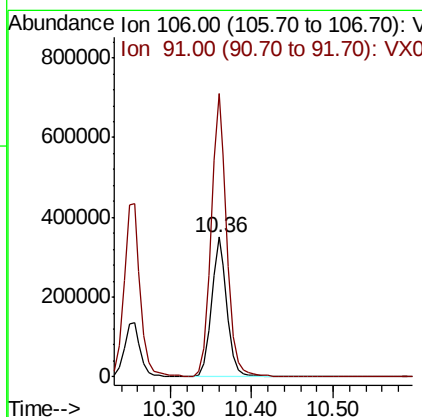
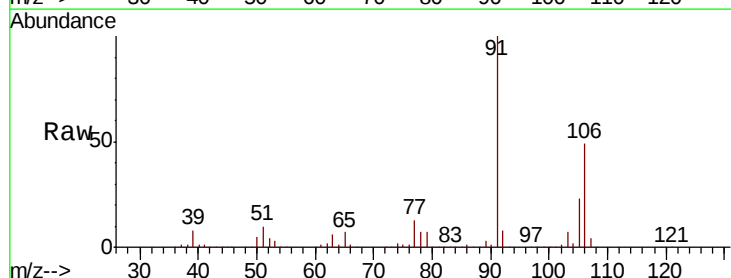
Instrument :
MSVOA_X
ClientSampleId :
RE-122D3-20181004MS

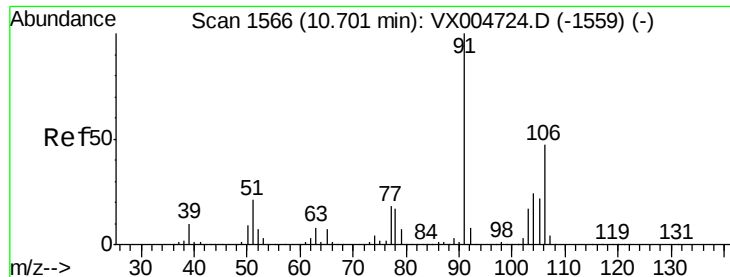
Tot Ion: 91 Resp: 604518
Ion Ratio Lower Upper
91 100
106 31.4 26.9 40.3



#68
m/p-Xylenes
Concen: 99.429 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005277.D
Acq: 12 Oct 2018 01:48

Tgt Ion: 106 Resp: 470145
Ion Ratio Lower Upper
106 100
91 204.4 157.5 236.3

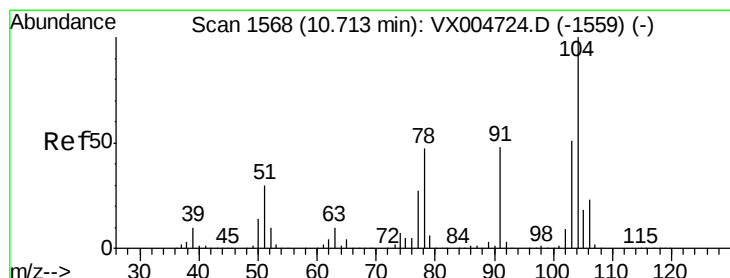
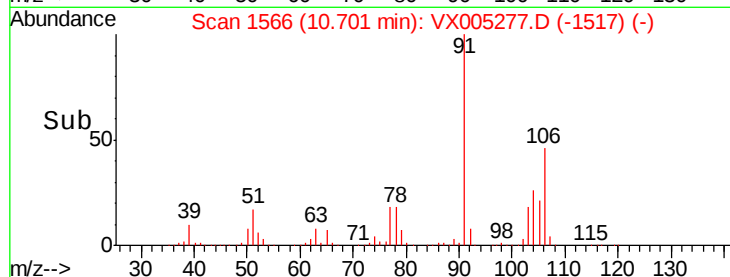
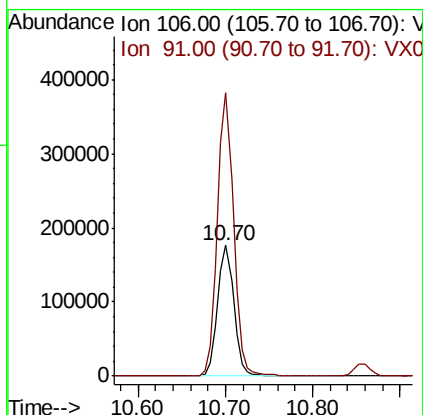
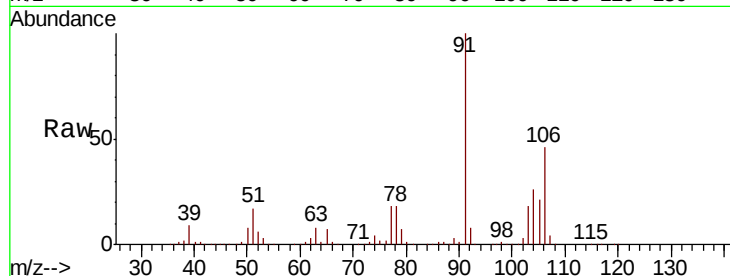




#69
o-Xylene
Concen: 52.535 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005277.D
Acq: 12 Oct 2018 01:48

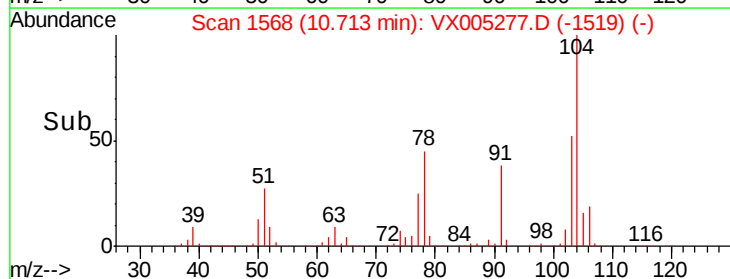
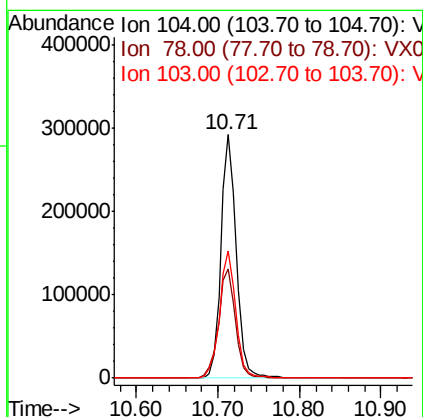
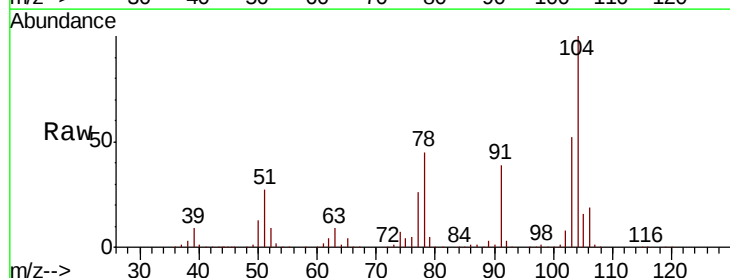
Instrument :
MSVOA_X
ClientSampleId :
RE-122D3-20181004MS

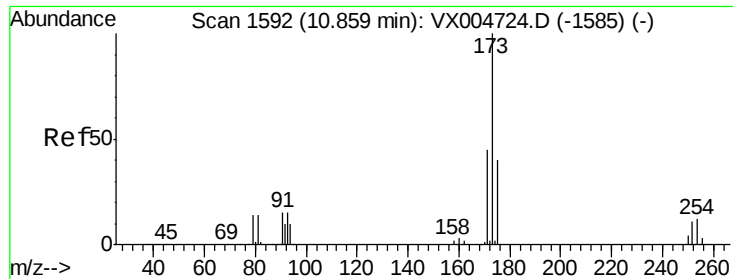
Tot Ion:106 Resp: 228162
Ion Ratio Lower Upper
106 100
91 214.5 108.3 324.8



#70
Styrene
Concen: 47.248 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005277.D
Acq: 12 Oct 2018 01:48

Tgt Ion:104 Resp: 382788
Ion Ratio Lower Upper
104 100
78 50.2 40.0 60.0
103 55.7 44.3 66.5





#71

Bromoform

Concen: 52.006 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

Instrument :

MSVOA_X

ClientSampleId :

RE-122D3-20181004MS

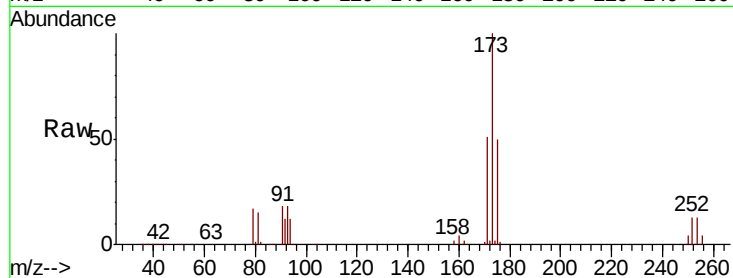
Tot Ion:173 Resp: 119298

Ion Ratio Lower Upper

173 100

175 49.5 23.3 69.8

254 0.3 0.2 0.2#

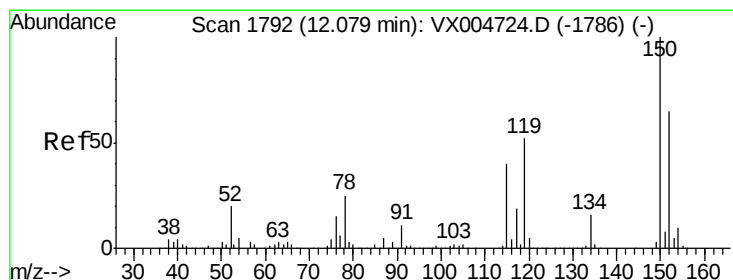
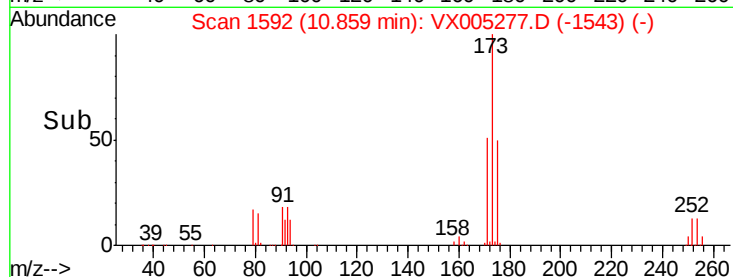
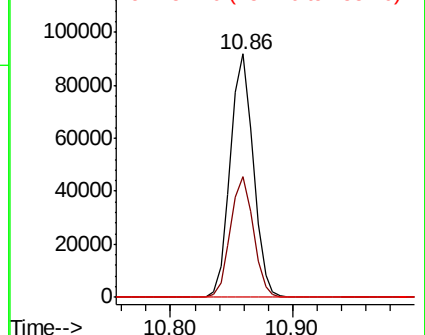


Abundance

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: VX005277.D

Acq: 12 Oct 2018 01:48

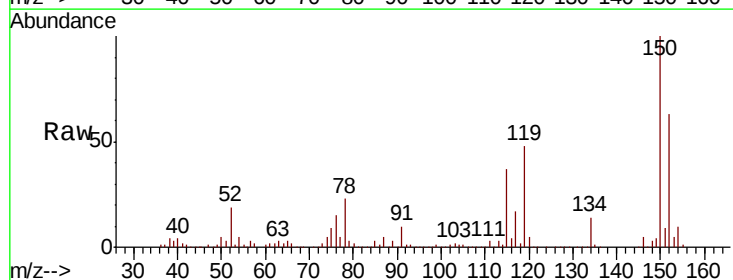
Tgt Ion:152 Resp: 166945

Ion Ratio Lower Upper

152 100

115 79.8 40.2 120.6

150 176.7 0.0 351.0

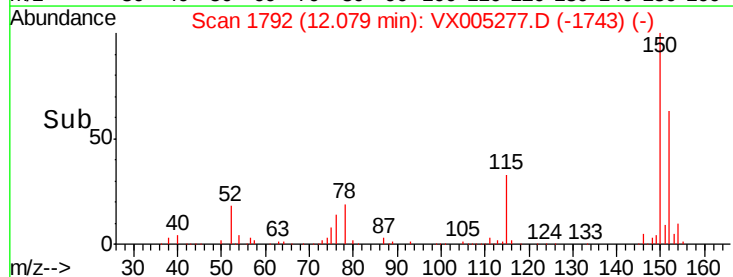
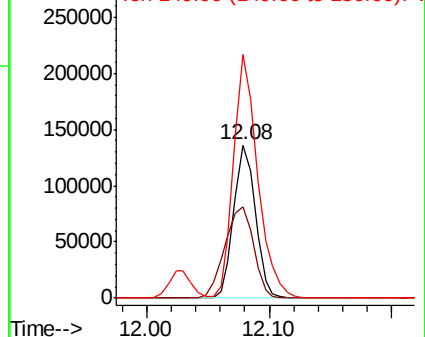


Abundance

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: 58.337 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

Instrument :

MSVOA_X

ClientSampleId :

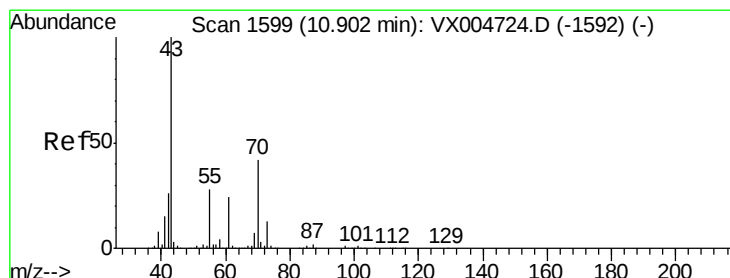
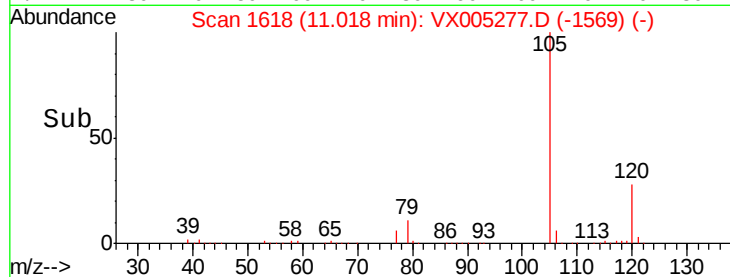
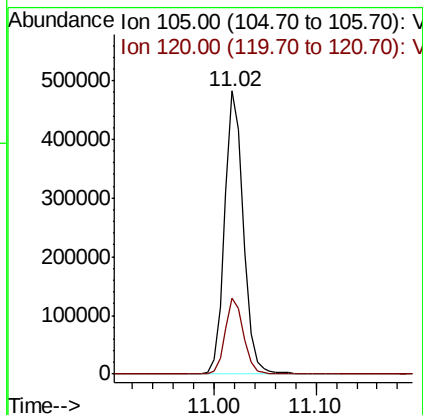
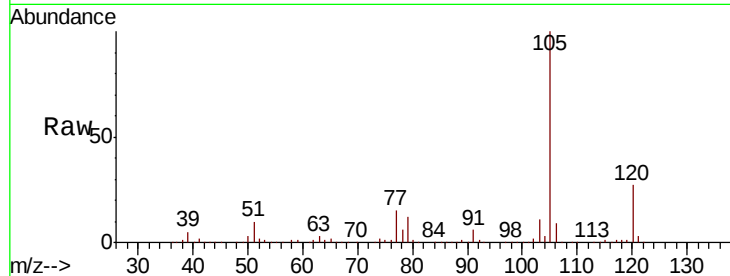
RE-122D3-20181004MS

Tot Ion: 105 Resp: 613872

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5



#74

N-ethyl acetate

Concen: 27.880 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

Tgt Ion: 43 Resp: 156618

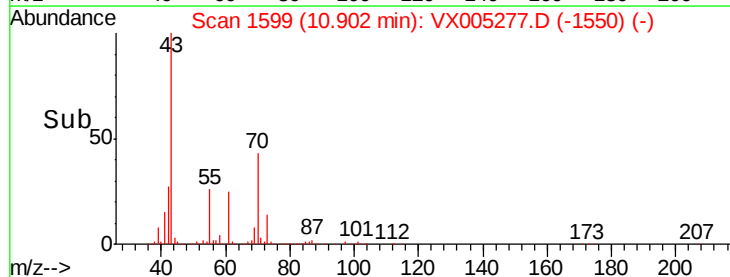
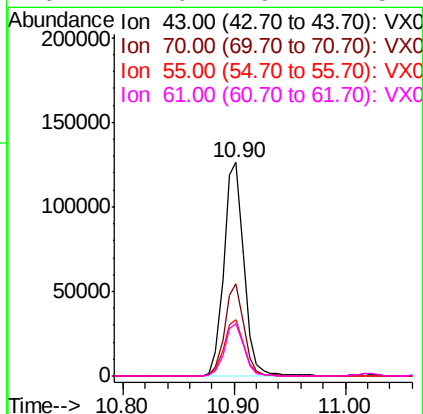
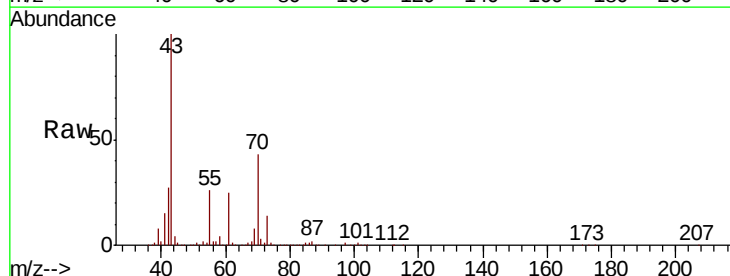
Ion Ratio Lower Upper

43 100

70 41.7 32.6 48.8

55 26.7 21.6 32.4

61 24.0 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 51.586 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

Instrument :

MSVOA_X

ClientSampleId :

RE-122D3-20181004MS

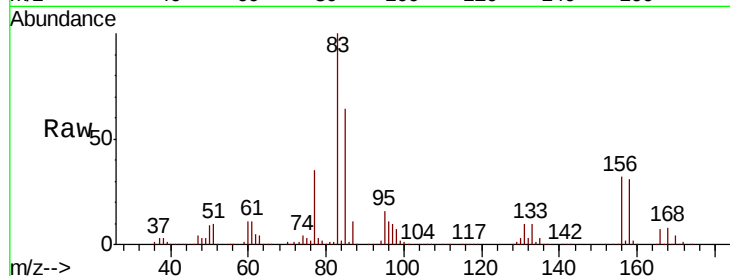
Tot Ion: 83 Resp: 220969

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.3

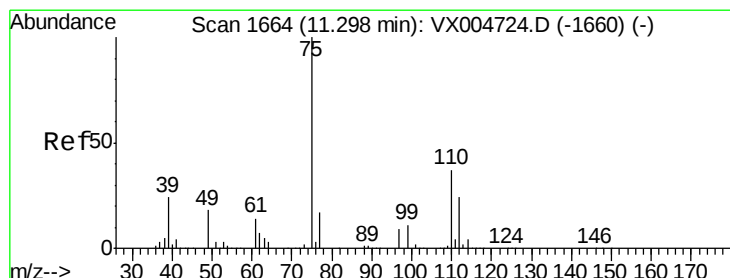
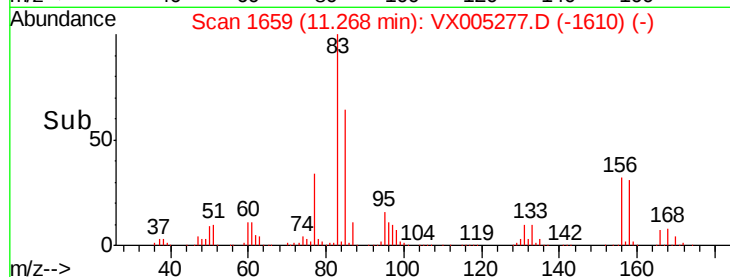
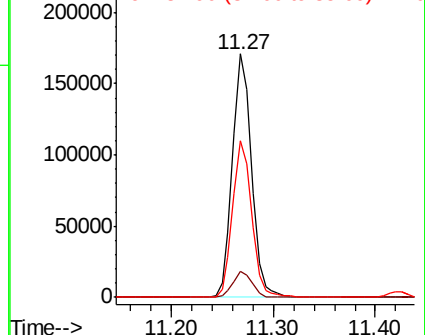
85 64.3 31.9 95.9



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: 60.343 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005277.D

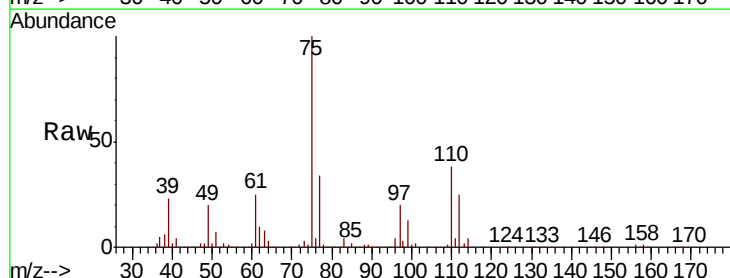
Acq: 12 Oct 2018 01:48

Tgt Ion: 75 Resp: 225795

Ion Ratio Lower Upper

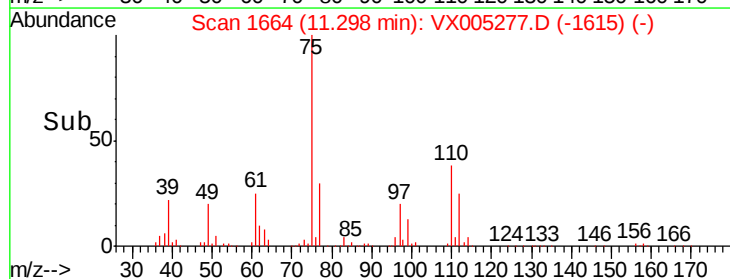
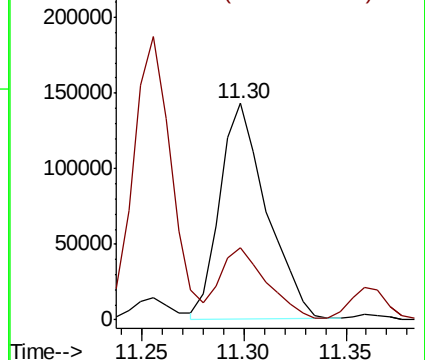
75 100

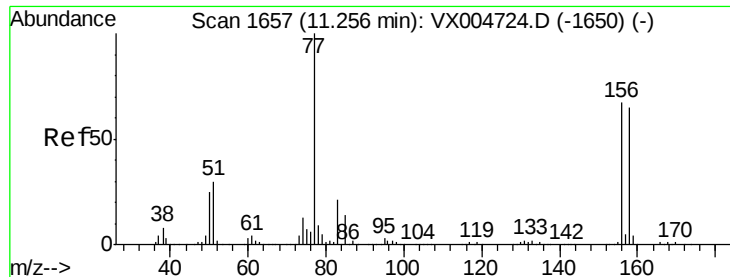
77 33.6 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 55.136 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

Instrument :

MSVOA_X

ClientSampleId :

RE-122D3-20181004MS

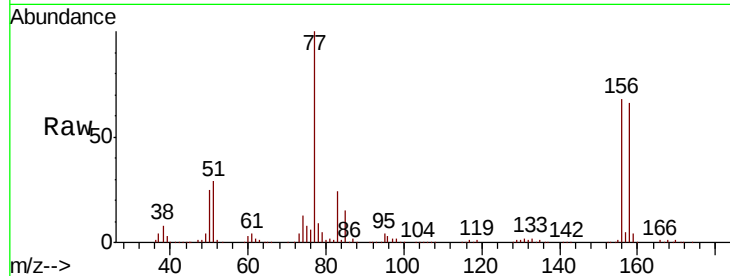
Tot Ion:156 Resp: 168520

Ion Ratio Lower Upper

156 100

77 143.9 73.4 220.2

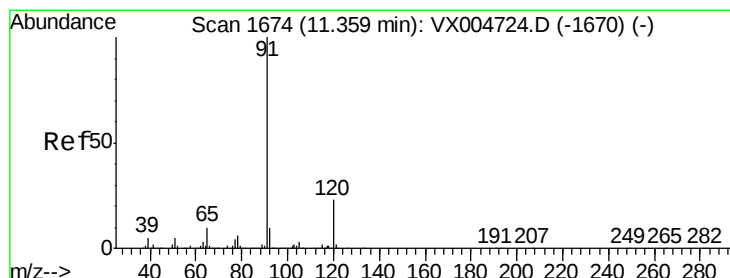
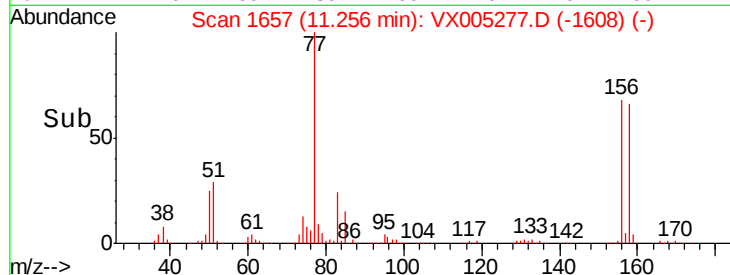
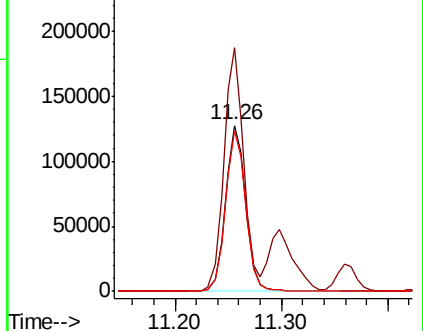
158 97.1 49.1 147.4



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: 57.311 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005277.D

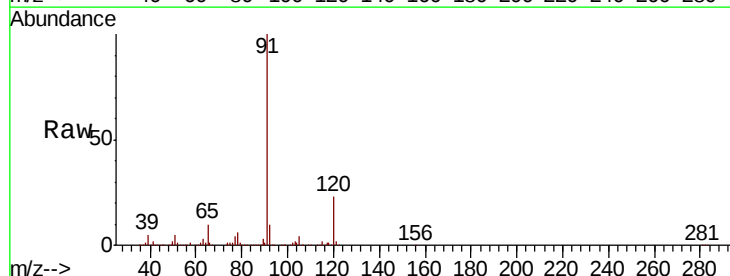
Acq: 12 Oct 2018 01:48

Tgt Ion: 91 Resp: 691955

Ion Ratio Lower Upper

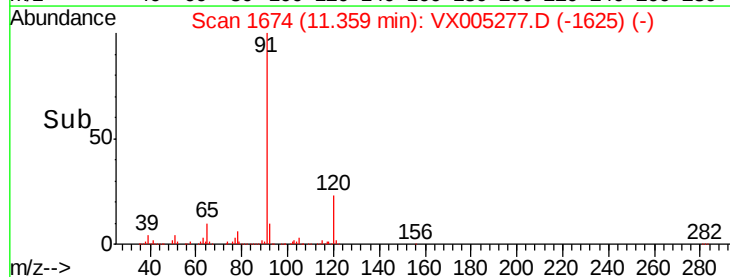
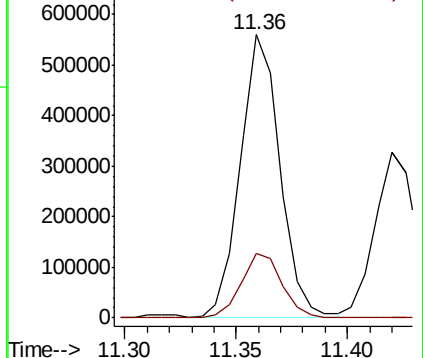
91 100

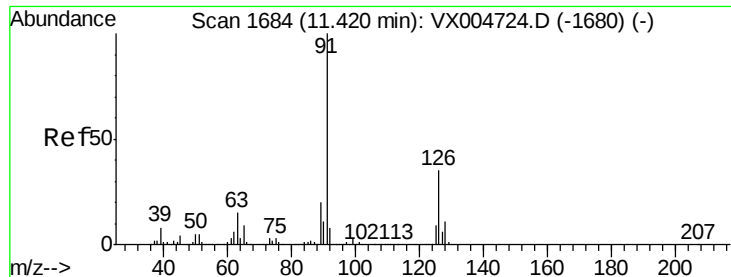
120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.840 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

Instrument :

MSVOA_X

ClientSampleId :

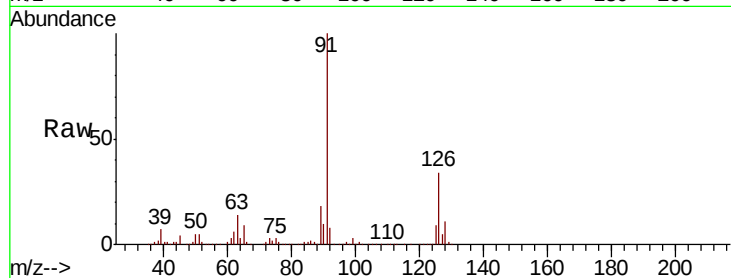
RE-122D3-20181004MS

Tot Ion: 91 Resp: 420235

Ion Ratio Lower Upper

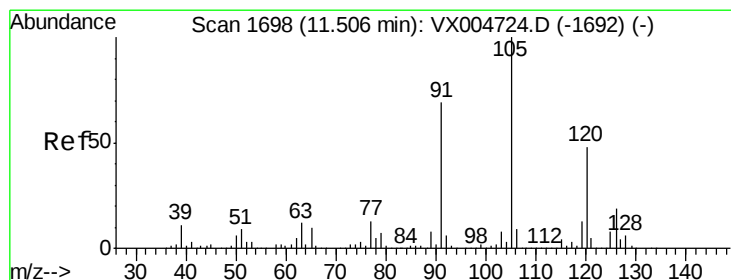
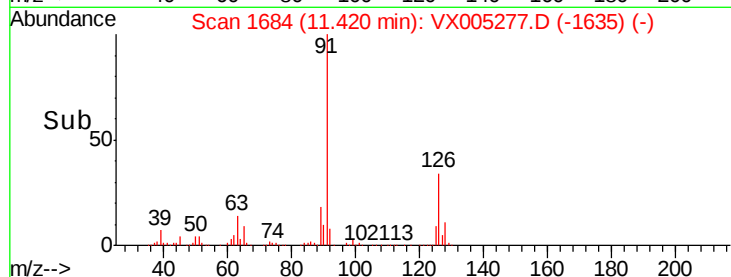
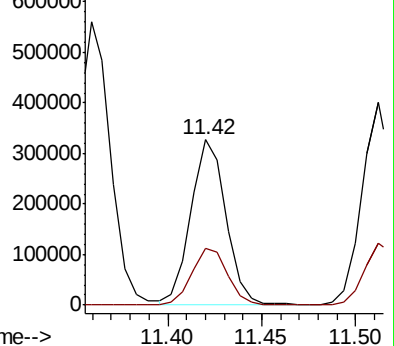
91 100

126 35.3 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.290 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005277.D

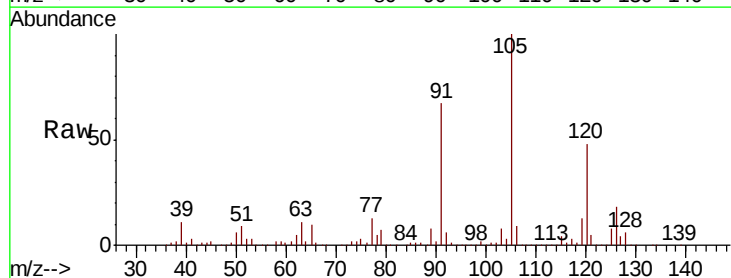
Acq: 12 Oct 2018 01:48

Tgt Ion:105 Resp: 523436

Ion Ratio Lower Upper

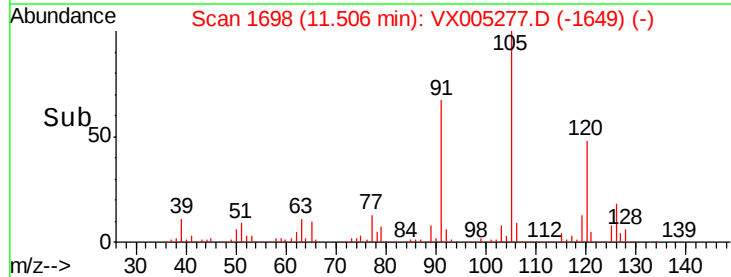
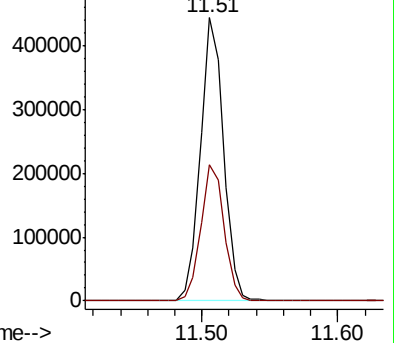
105 100

120 48.7 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 29.552 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

Instrument :

MSVOA_X

ClientSampleId :

RE-122D3-20181004MS

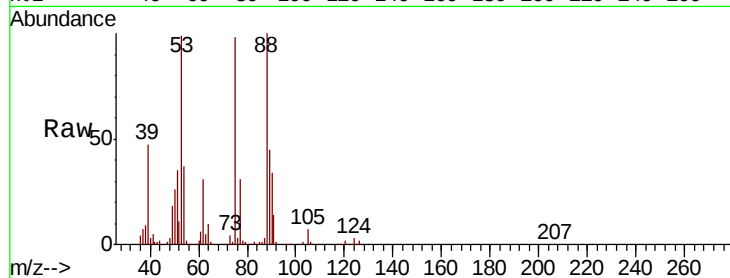
Tot Ion: 75 Resp: 39382

Ion Ratio Lower Upper

75 100

53 101.0 80.2 120.4

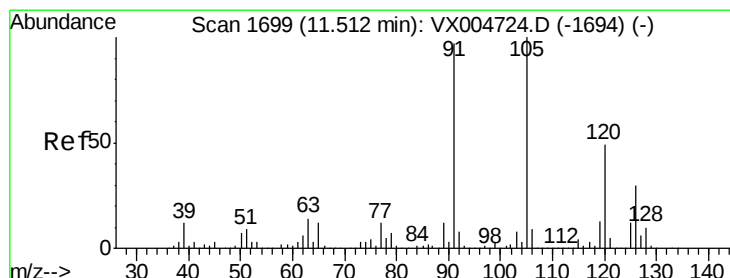
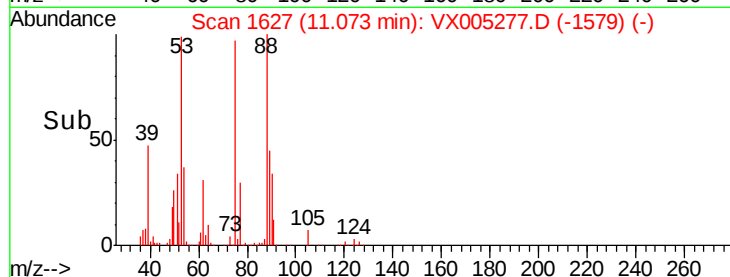
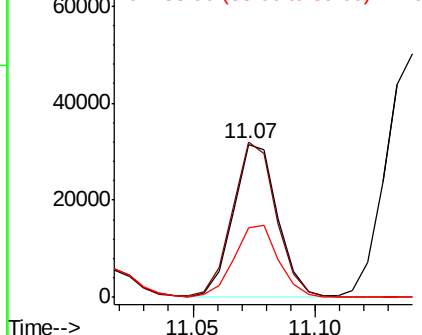
89 47.8 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 55.672 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005277.D

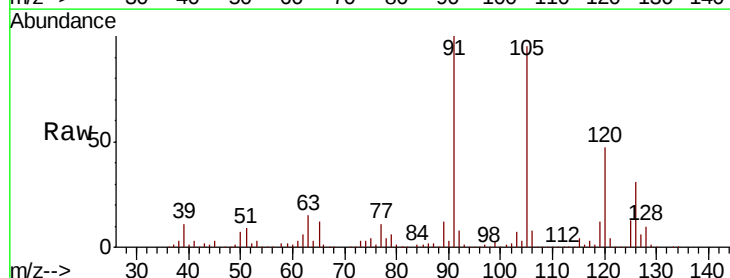
Acq: 12 Oct 2018 01:48

Tgt Ion: 91 Resp: 493150

Ion Ratio Lower Upper

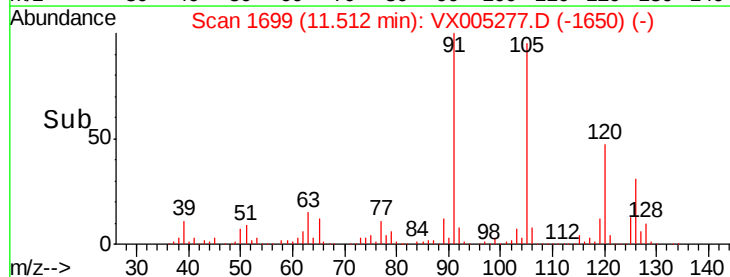
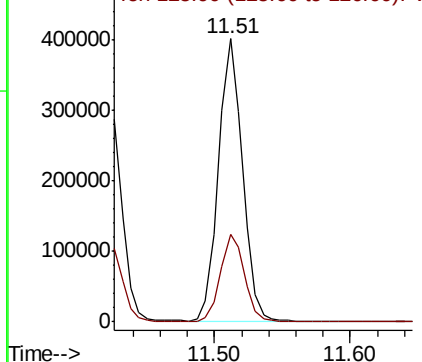
91 100

126 30.9 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

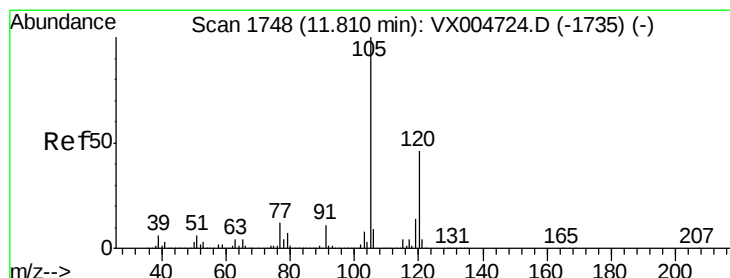
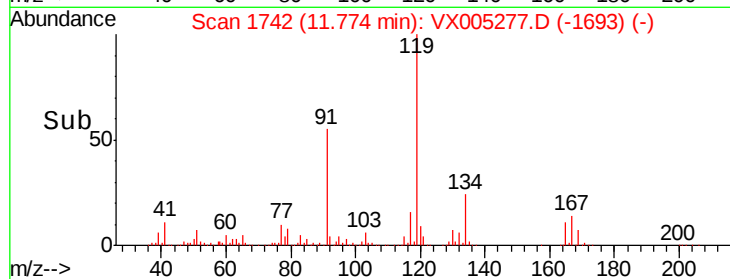
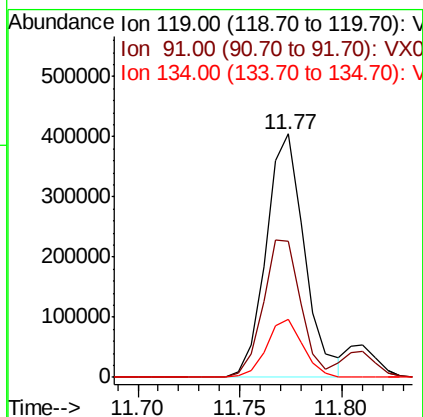
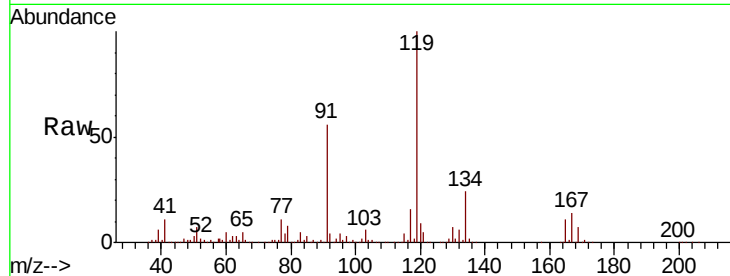




#83
 tert-Butylbenzene
 Concen: 61.173 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005277.D
 Acq: 12 Oct 2018 01:48

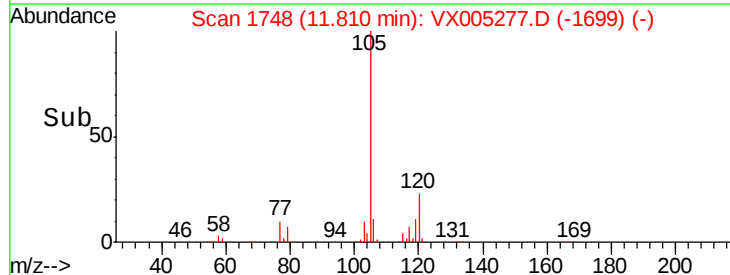
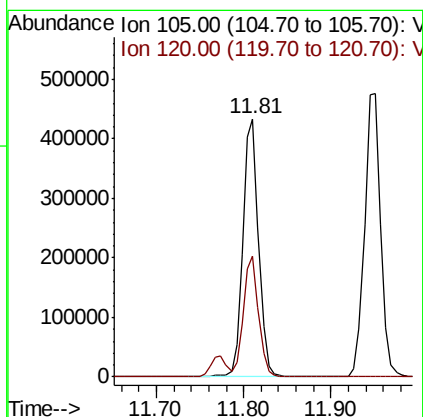
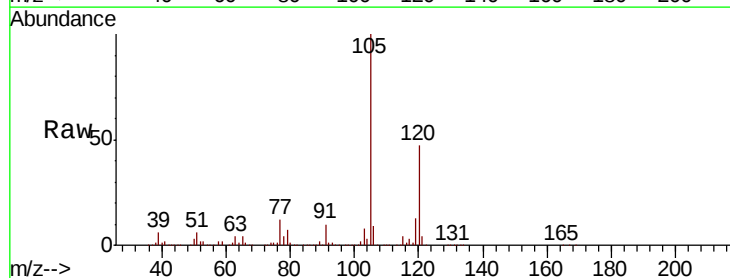
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-122D3-20181004MS

Tot Ion:119 Resp: 529985
 Ion Ratio Lower Upper
 119 100
 91 55.3 27.5 82.5
 134 22.7 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 54.431 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005277.D
 Acq: 12 Oct 2018 01:48

Tgt Ion:105 Resp: 541204
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.8 68.3





#85

sec-Butylbenzene

Concen: 58.124 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. -0.00 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

Instrument :

MSVOA_X

ClientSampleId :

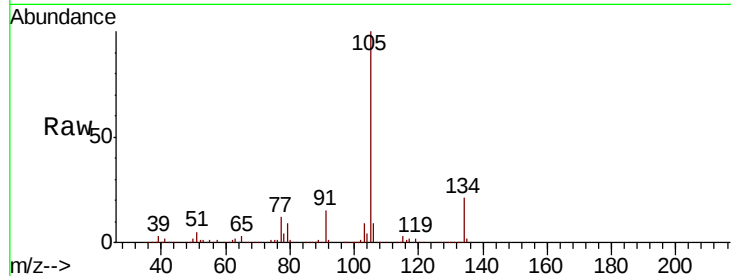
RE-122D3-20181004MS

Tot Ion:105 Resp: 613366

Ion Ratio Lower Upper

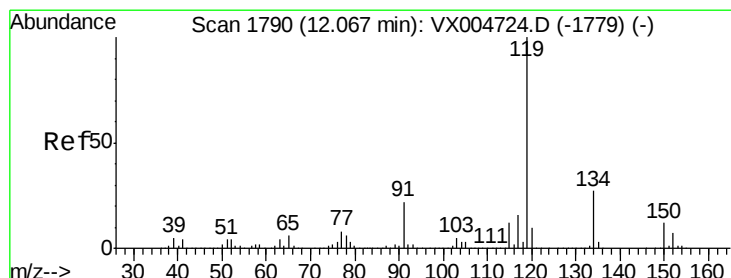
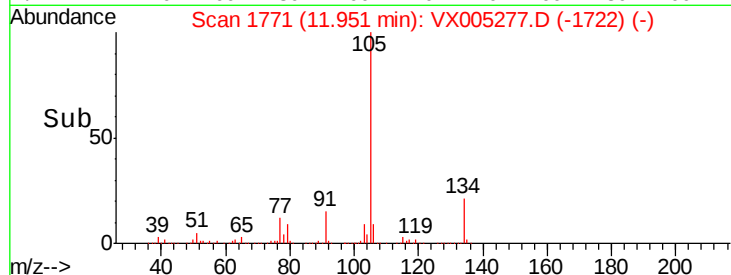
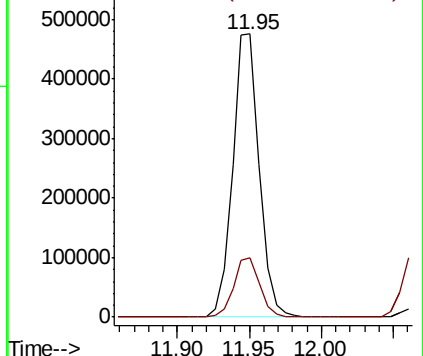
105 100

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: 57.491 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

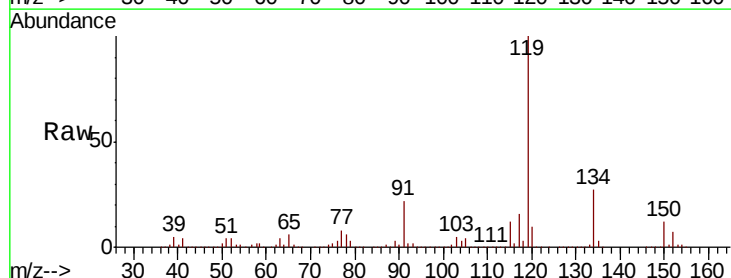
Tgt Ion:119 Resp: 549662

Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

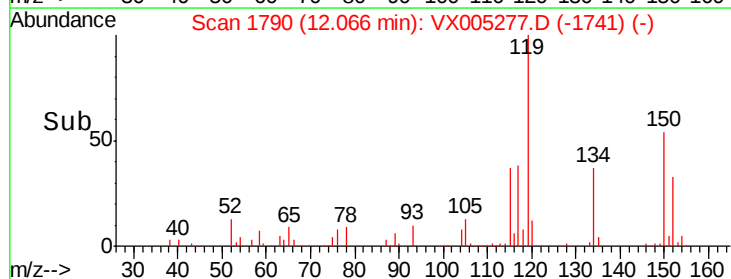
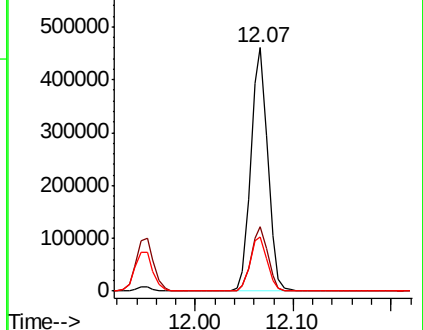
91 22.8 11.5 34.4



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

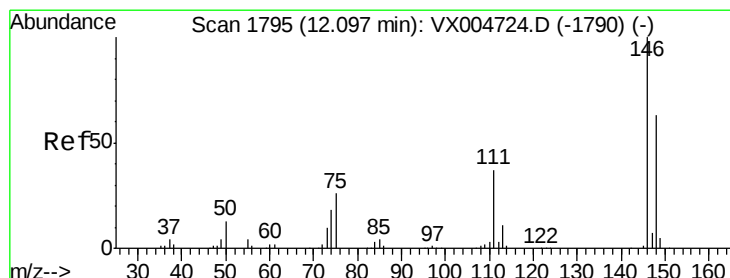
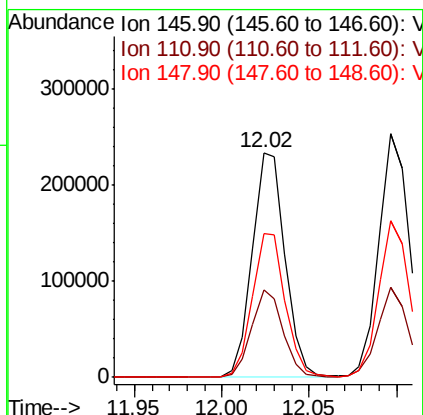
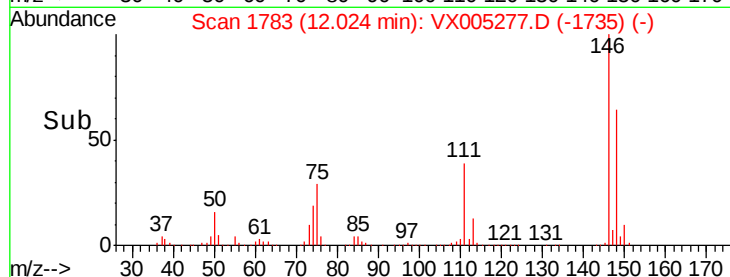
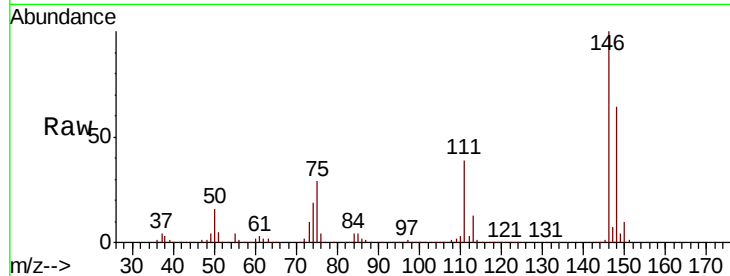




#87
 1,3-Dichlorobenzene
 Concen: 53.488 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005277.D
 Acq: 12 Oct 2018 01:48

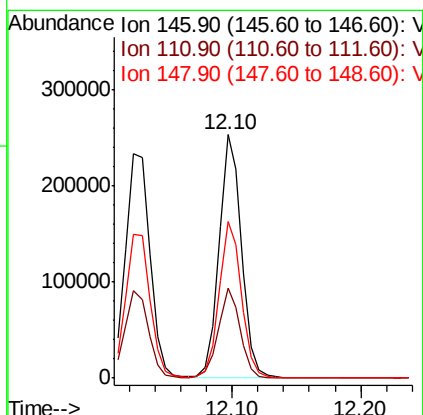
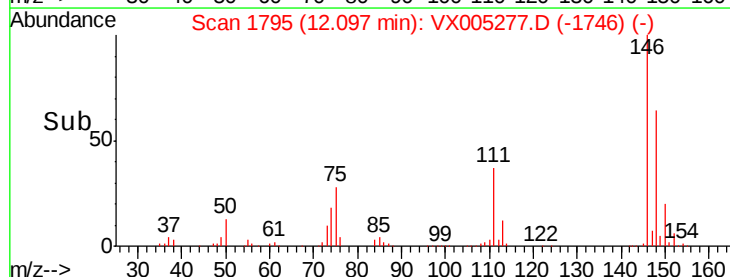
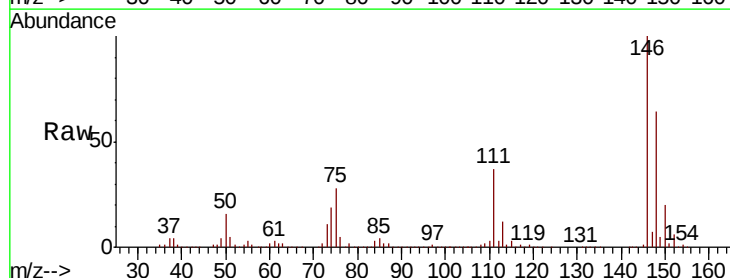
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-122D3-20181004MS

Tot Ion:146 Resp: 305268
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.9 56.9
 148 64.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 52.651 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005277.D
 Acq: 12 Oct 2018 01:48

Tgt Ion:146 Resp: 310193
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.4 55.2
 148 64.0 32.0 96.0

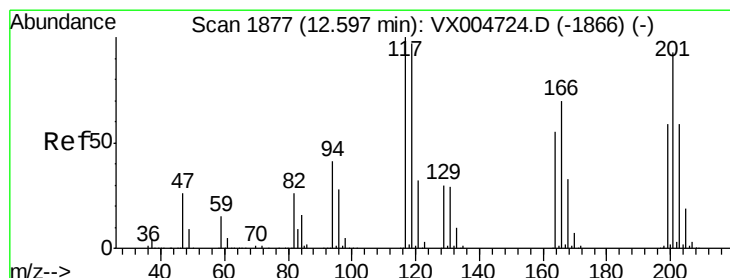
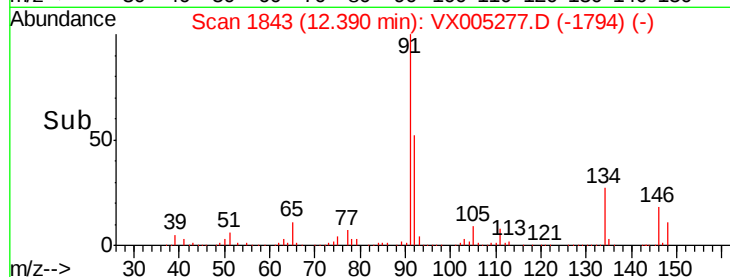
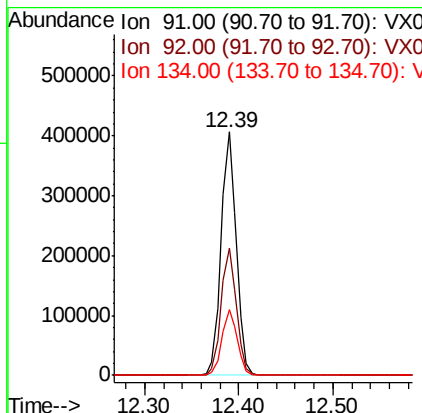
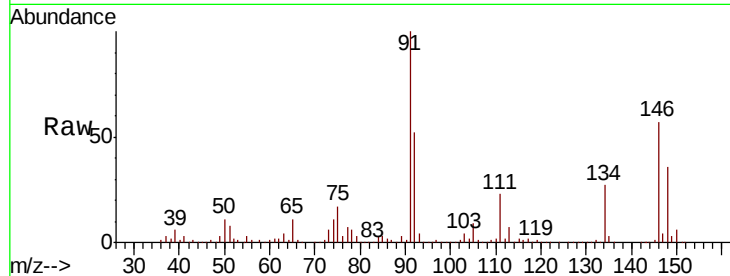




#89
n-Butylbenzene
Concen: 52.432 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005277.D
Acq: 12 Oct 2018 01:48

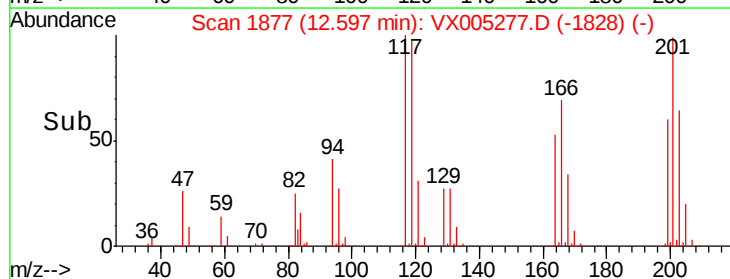
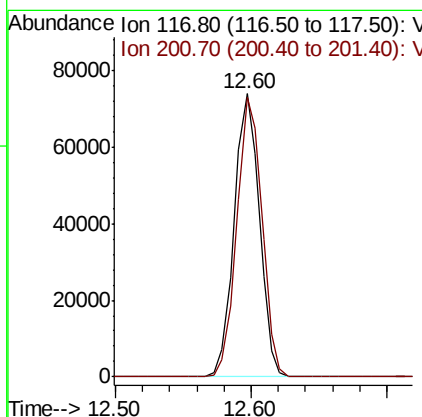
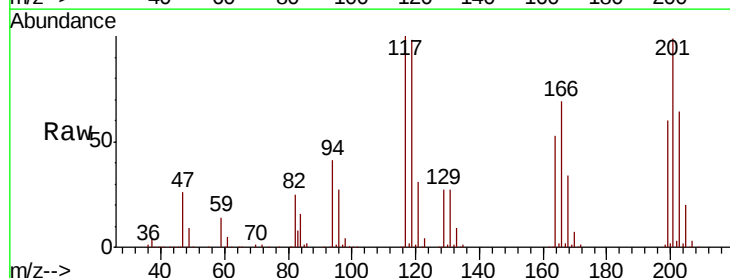
Instrument :
MSVOA_X
ClientSampleId :
RE-122D3-20181004MS

Tot Ion: 91 Resp: 455271
Ion Ratio Lower Upper
91 100
92 52.4 26.0 78.0
134 27.0 13.2 39.6



#90
Hexachloroethane
Concen: 59.918 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005277.D
Acq: 12 Oct 2018 01:48

Tgt Ion: 117 Resp: 95380
Ion Ratio Lower Upper
117 100
201 98.8 48.4 145.0





#91

1,2-Dichlorobenzene

Concen: 52.496 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

Instrument :

MSVOA_X

ClientSampleId :

RE-122D3-20181004MS

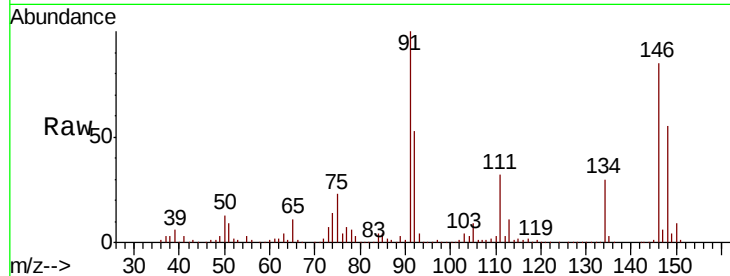
Tot Ion:146 Resp: 313104

Ion Ratio Lower Upper

146 100

111 39.1 19.6 58.7

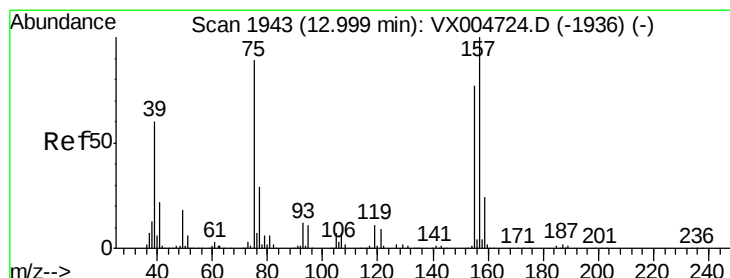
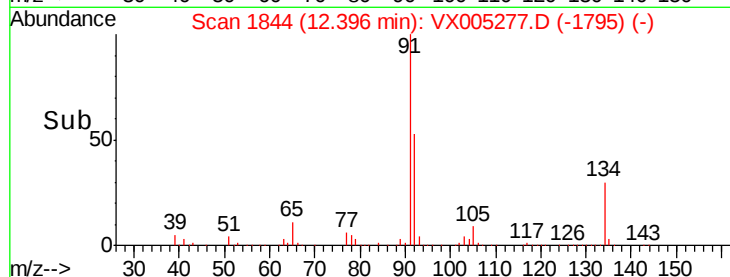
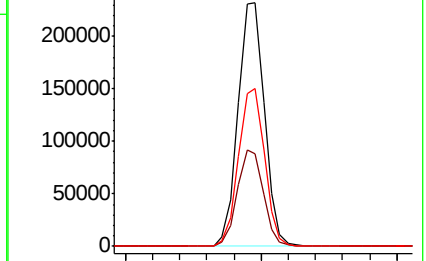
148 64.2 31.8 95.4



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: 57.309 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

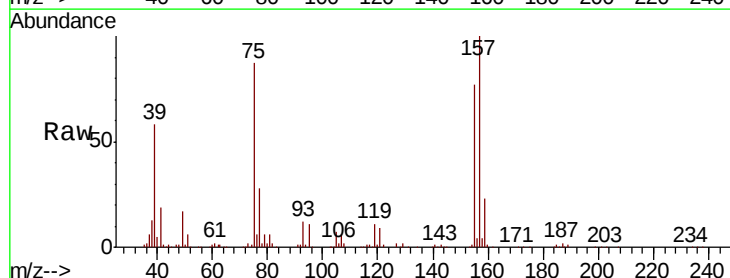
Tgt Ion: 75 Resp: 53900

Ion Ratio Lower Upper

75 100

155 95.3 46.1 138.3

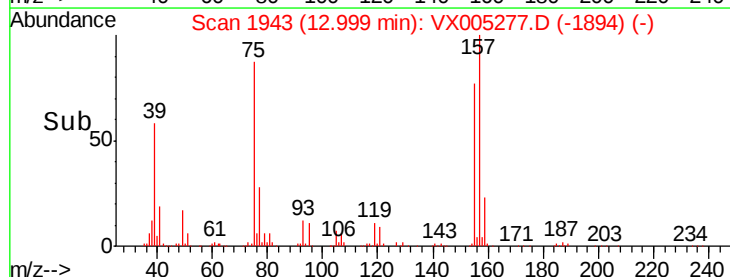
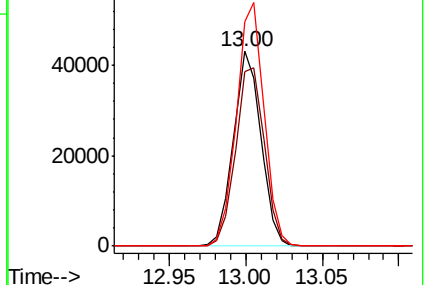
157 124.6 60.2 180.6

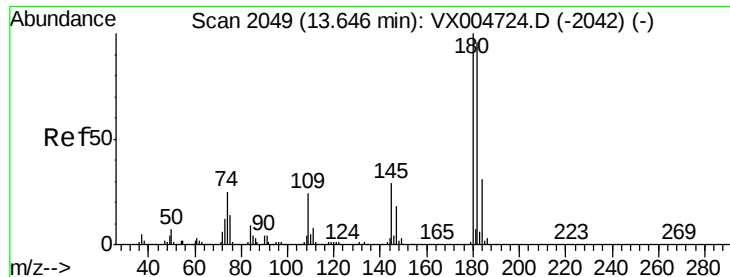


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

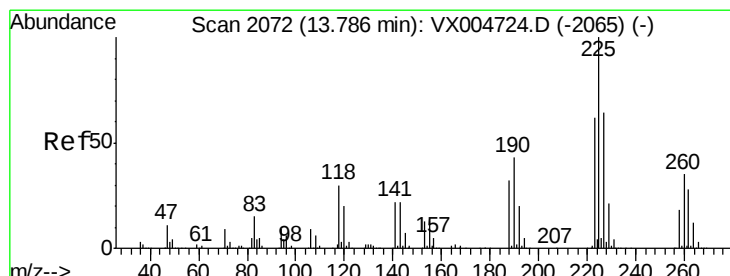
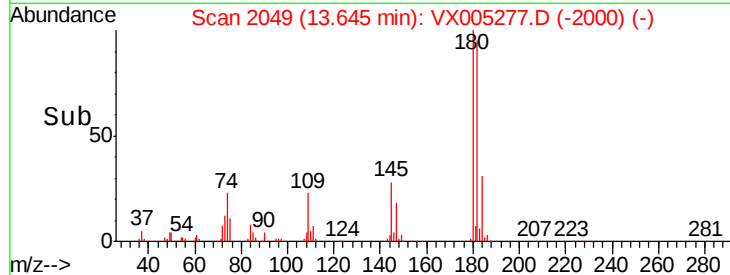
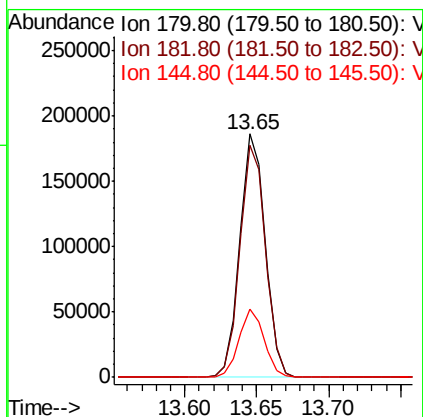
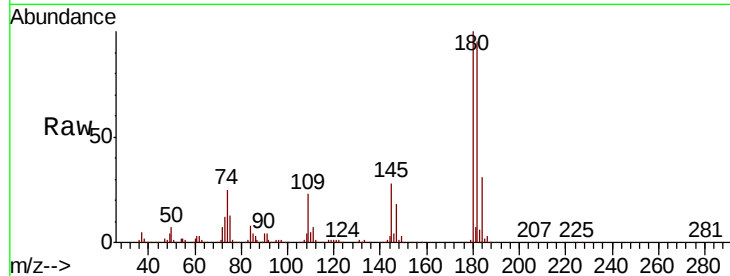




#93
 1,2,4-Trichlorobenzene
 Concen: 54.552 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005277.D
 Acq: 12 Oct 2018 01:48

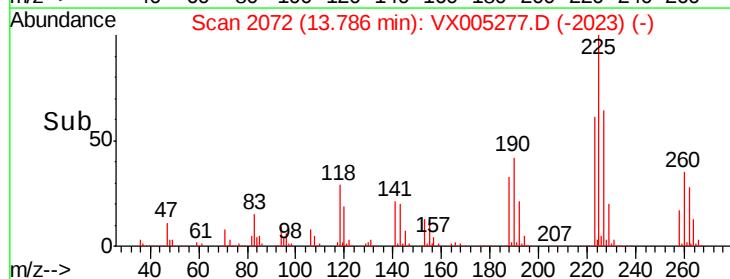
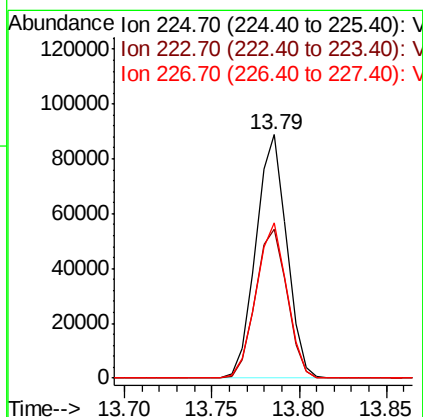
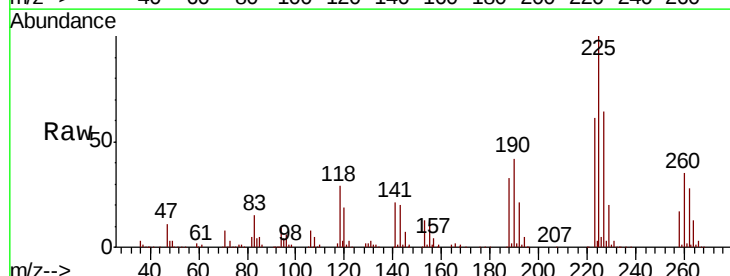
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-122D3-20181004MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.8	143.4
145	27.8	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 50.115 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005277.D
 Acq: 12 Oct 2018 01:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.3	93.8
227	63.8	31.9	95.5





#95

Naphthalene

Concen: 54.031 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

Instrument :

MSVOA_X

ClientSampleId :

RE-122D3-20181004MS

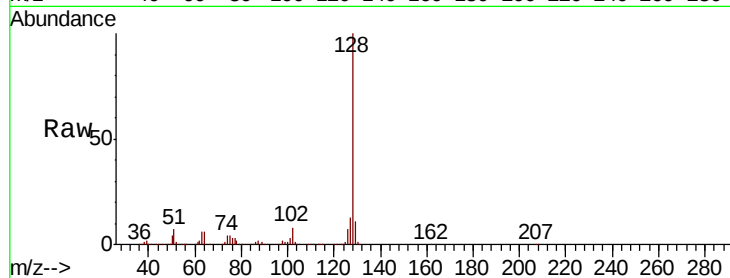
Tot Ion:128 Resp: 751117

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

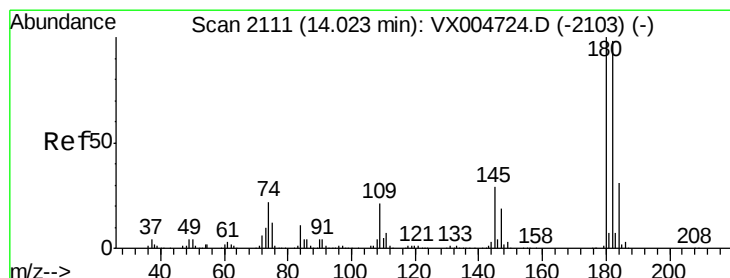
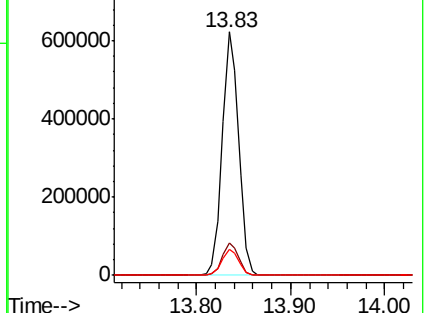
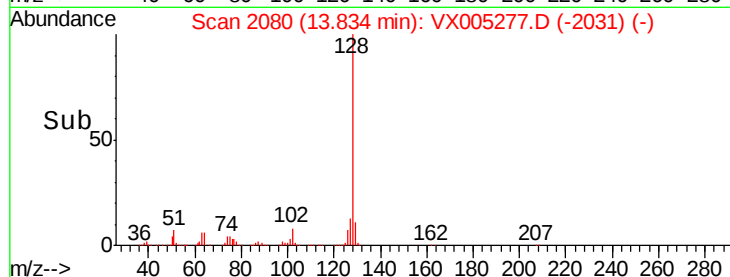
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 56.651 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005277.D

Acq: 12 Oct 2018 01:48

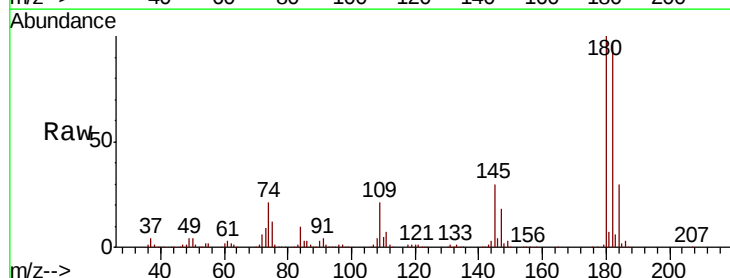
Tgt Ion:180 Resp: 244843

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.8

145 29.6 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

