

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080618\
 Data File : VX003866.D
 Acq On : 06 Aug 2018 17:20
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Aug 07 06:58:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 06:57:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	369599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	539307	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	465063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	251153	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	95868	20.11	ug/l	0.00
Spiked Amount			Recovery	=	40.22%	
35) Dibromofluoromethane	5.50	113	79816	19.06	ug/l	0.00
Spiked Amount			Recovery	=	38.12%	
50) Toluene-d8	8.72	98	307910	19.03	ug/l	0.00
Spiked Amount			Recovery	=	38.06%	
62) 4-Bromofluorobenzene	11.14	95	91972	16.28	ug/l	0.00
Spiked Amount			Recovery	=	32.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	76032	20.947	ug/l	99
3) Chloromethane	1.32	50	98224	16.526	ug/l	99
4) Vinyl Chloride	1.40	62	99704	21.159	ug/l	98
5) Bromomethane	1.64	94	67189	26.467	ug/l	100
6) Chloroethane	1.72	64	68333	25.326	ug/l	95
7) Trichlorofluoromethane	1.93	101	130052	21.526	ug/l	99
8) Diethyl Ether	2.19	74	57723	21.927	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	80000	20.909	ug/l	100
10) Methyl Iodide	2.51	142	97630	19.099	ug/l	100
11) Tert butyl alcohol	3.07	59	115671	109.829	ug/l	99
12) 1,1-Dichloroethene	2.37	96	75457	20.377	ug/l	95
13) Acrolein	2.29	56	61951	77.222	ug/l	99
14) Allyl chloride	2.73	41	148422	21.516	ug/l	99
15) Acrylonitrile	3.15	53	270467	107.792	ug/l	100
16) Acetone	2.45	43	280704	109.125	ug/l	100
17) Carbon Disulfide	2.57	76	213210	20.379	ug/l	98
18) Methyl Acetate	2.78	43	122870	20.852	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	273309	21.354	ug/l	100
20) Methylene Chloride	2.86	84	92927	20.690	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	84091	20.606	ug/l	97
22) Diisopropyl ether	3.87	45	265561	20.216	ug/l	99
23) Vinyl Acetate	3.82	43	1122638	103.147	ug/l	100
24) 1,1-Dichloroethane	3.70	63	160095	21.510	ug/l	100
25) 2-Butanone	4.71	43	424639	99.212	ug/l	100
26) 2,2-Dichloropropane	4.59	77	115440	22.557	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	92736	20.122	ug/l	98
28) Bromochloromethane	5.02	49	73431	21.291	ug/l	99
29) Tetrahydrofuran	5.17	42	217725	99.814	ug/l	100
30) Chloroform	5.21	83	153286	20.063	ug/l	98
31) Cyclohexane	5.57	56	133144	20.635	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	127896	20.061	ug/l	98
36) 1,1-Dichloropropene	5.80	75	113588	19.450	ug/l	100
37) Ethyl Acetate	4.87	43	128406	19.307	ug/l	99
38) Carbon Tetrachloride	5.78	117	111450	19.202	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	133089	19.919	ug/l	98
40) Benzene	6.15	78	353026	19.731	ug/l	99
41) Methacrylonitrile	5.06	41	70330	19.593	ug/l	99
42) 1,2-Dichloroethane	6.20	62	119055	19.889	ug/l	100
43) Isopropyl Acetate	6.47	43	191476	19.190	ug/l	99
44) Trichloroethene	7.21	130	93892	19.439	ug/l	94
45) 1,2-Dichloropropane	7.52	63	90397	19.520	ug/l	99
46) Dibromomethane	7.67	93	57931	19.478	ug/l	100
47) Bromodichloromethane	7.90	83	110078	19.588	ug/l	98
48) Methyl methacrylate	7.78	41	98257	19.491	ug/l	100
49) 1,4-Dioxane	7.76	88	47874	401.281	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	824056	99.143	ug/l	100
52) Toluene	8.79	92	224656	20.312	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	123194	20.034	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	136445	20.334	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	90501	19.487	ug/l	100
56) Ethyl methacrylate	9.18	69	129772	19.938	ug/l	99
57) 1,3-Dichloropropane	9.37	76	152864	20.272	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	339995	102.281	ug/l	100
59) 2-Hexanone	9.50	43	607371	95.824	ug/l	100
60) Dibromochloromethane	9.59	129	81937	18.149	ug/l	99
61) 1,2-Dibromoethane	9.68	107	87845	18.568	ug/l	98
64) Tetrachloroethene	9.34	164	88813	20.625	ug/l	96
65) Chlorobenzene	10.14	112	230649	19.894	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	82297	20.228	ug/l	97
67) Ethyl Benzene	10.26	91	394972	21.183	ug/l	97
68) m/p-Xylenes	10.36	106	293970	40.427	ug/l	96
69) o-Xylene	10.70	106	147581	21.132	ug/l	96
70) Styrene	10.71	104	244465	21.271	ug/l	97
71) Bromoform	10.86	173	57371	17.350	ug/l #	99
73) Isopropylbenzene	11.02	105	356870	21.270	ug/l	97
74) N-amyl acetate	6.47	43	191476	23.277	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	120838	20.562	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	139459	27.386	ug/l	85
77) Bromobenzene	11.26	156	93431	20.388	ug/l	100
78) n-propylbenzene	11.36	91	409370	21.911	ug/l	99
79) 2-Chlorotoluene	11.42	91	242728	21.268	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	294582	21.497	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	34460	21.109	ug/l	99
82) 4-Chlorotoluene	11.51	91	285907	21.643	ug/l	100
83) tert-Butylbenzene	11.77	119	294755	21.222	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	303363	21.472	ug/l	98
85) sec-Butylbenzene	11.94	105	350030	21.554	ug/l	100
86) p-Isopropyltoluene	12.07	119	315301	21.559	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	172797	20.136	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	177871	20.094	ug/l	99
89) n-Butylbenzene	12.39	91	263073	20.847	ug/l	99
90) Hexachloroethane	12.60	117	48743	20.550	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	174832	20.011	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	25104	19.369	ug/l	98

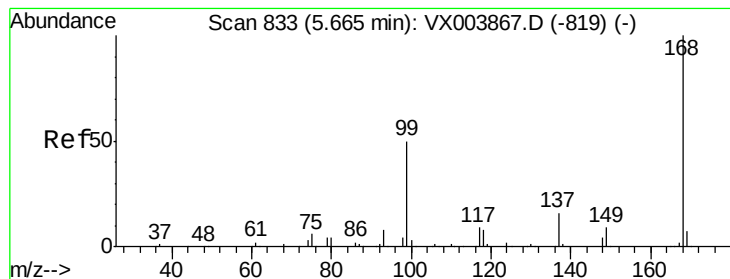
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080618\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	120898	19.516	ug/l	100
94) Hexachlorobutadiene	13.79	225	55010	18.374	ug/l	100
95) Naphthalene	13.83	128	368856	20.528	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	123847	19.324	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

Instrument :

MSVOA_X

ClientSampled :

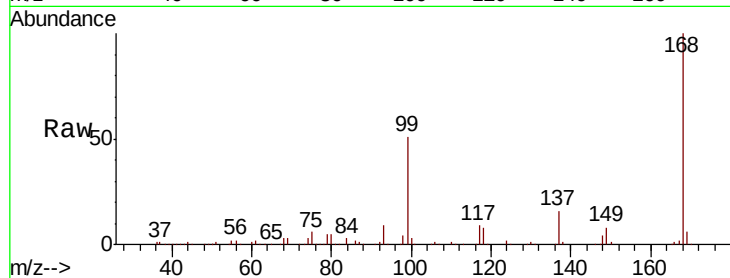
VSTDIC020

Tot Ion:168 Resp: 369599

Ion Ratio Lower Upper

168 100

99 50.4 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

150000

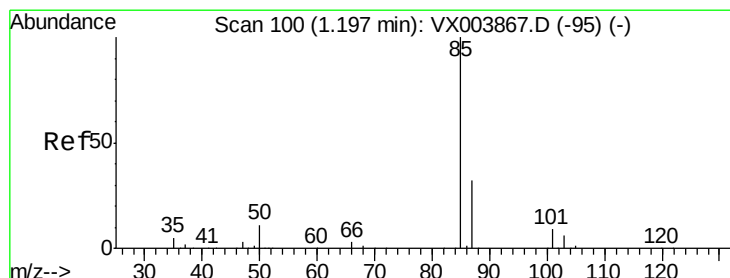
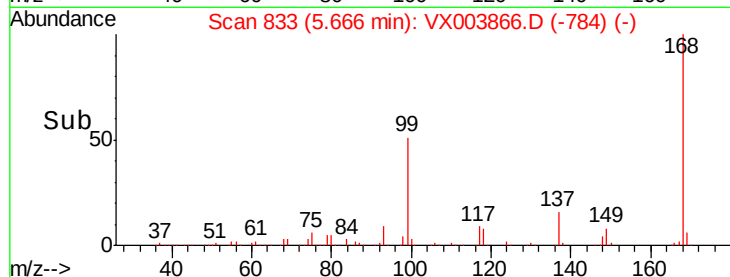
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.947 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003866.D

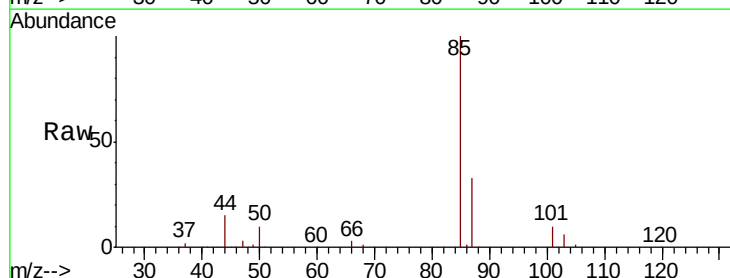
Acq: 06 Aug 2018 17:20

Tgt Ion: 85 Resp: 76032

Ion Ratio Lower Upper

85 100

87 32.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

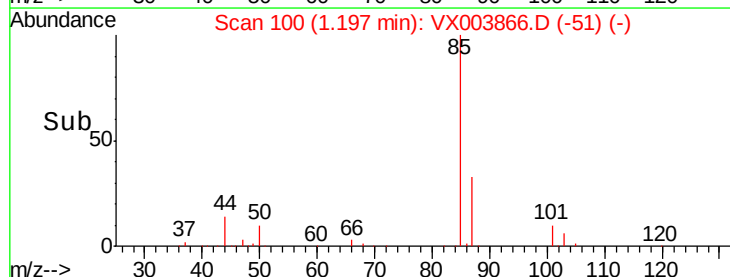
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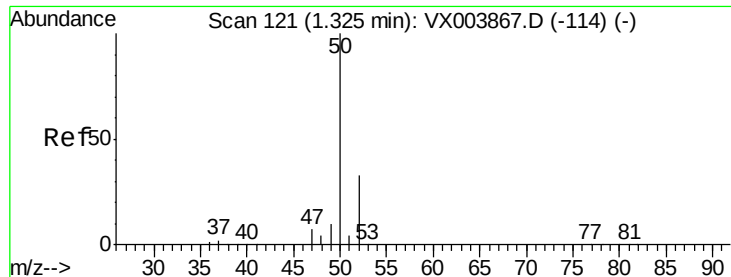
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 16.526 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

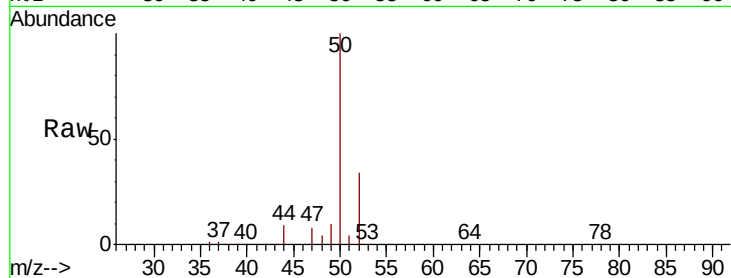
VSTDIC020

Tot Ion: 50 Resp: 98224

Ion Ratio Lower Upper

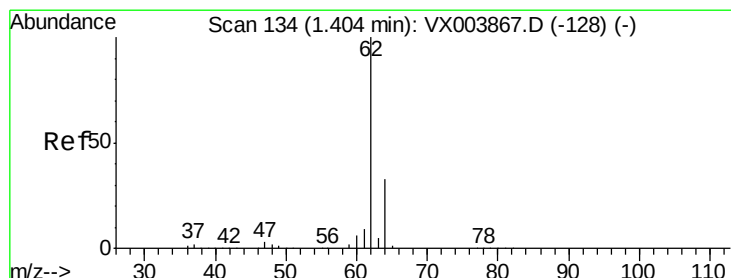
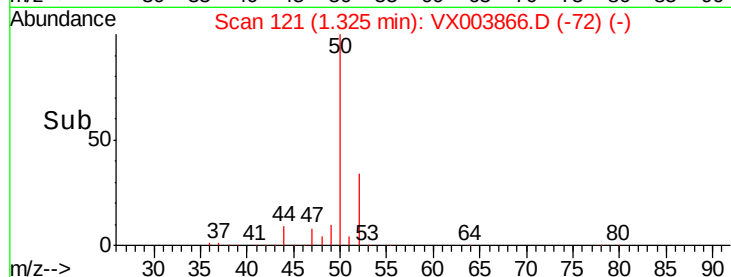
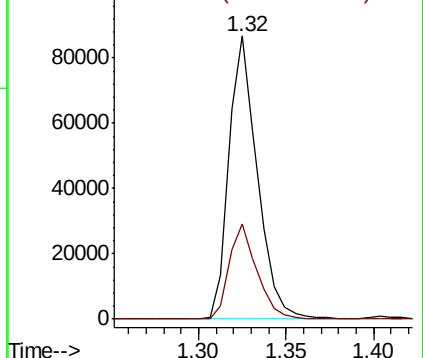
50 100

52 33.5 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.159 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003866.D

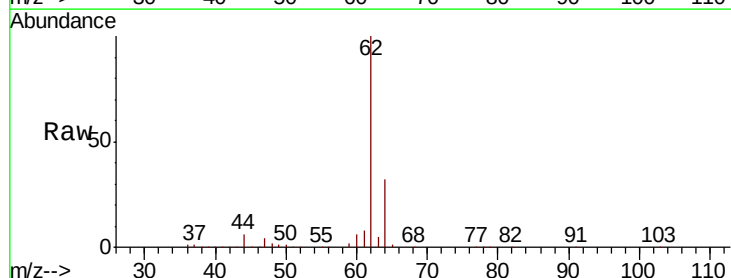
Acq: 06 Aug 2018 17:20

Tgt Ion: 62 Resp: 99704

Ion Ratio Lower Upper

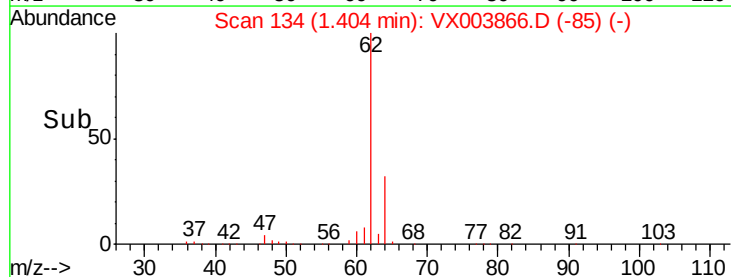
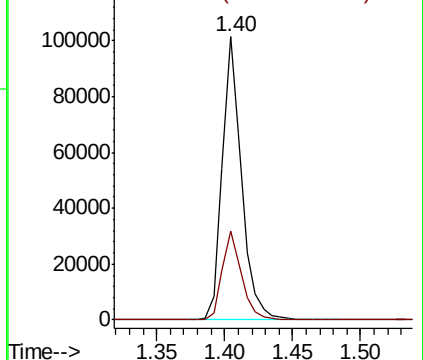
62 100

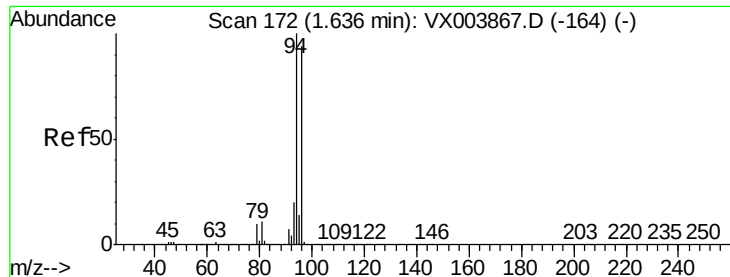
64 31.5 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 26.467 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

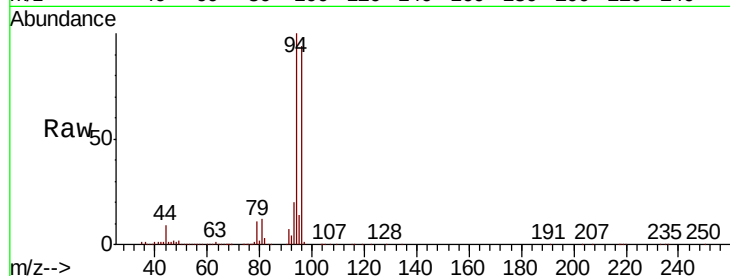
VSTDIC020

Tot Ion: 94 Resp: 67189

Ion Ratio Lower Upper

94 100

96 93.9 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

60000

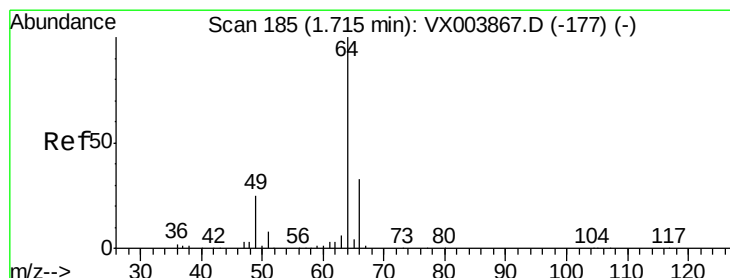
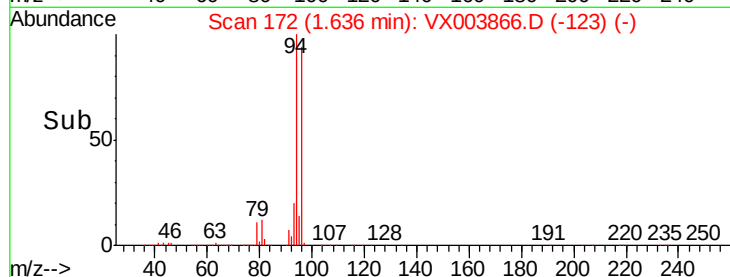
40000

20000

0

Time-->

1.60 1.70



#6

Chloroethane

Concen: 25.326 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003866.D

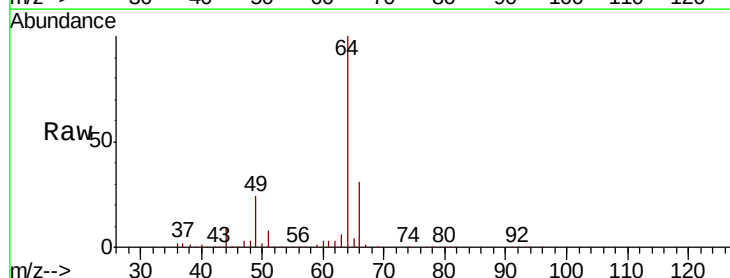
Acq: 06 Aug 2018 17:20

Tgt Ion: 64 Resp: 68333

Ion Ratio Lower Upper

64 100

66 30.5 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

60000

50000

40000

30000

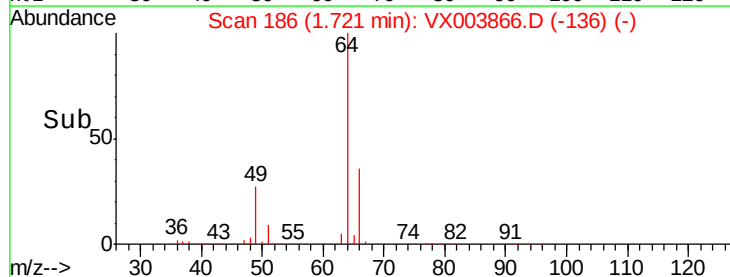
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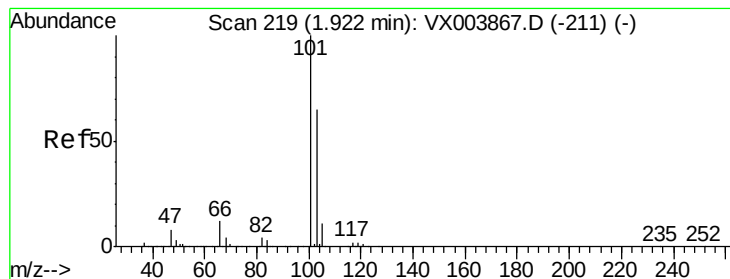
10000

0

Time-->

1.65 1.70 1.75 1.80



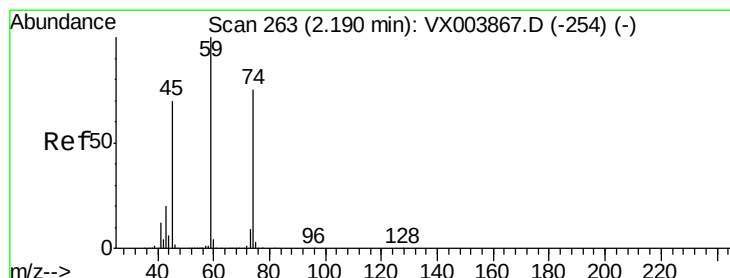
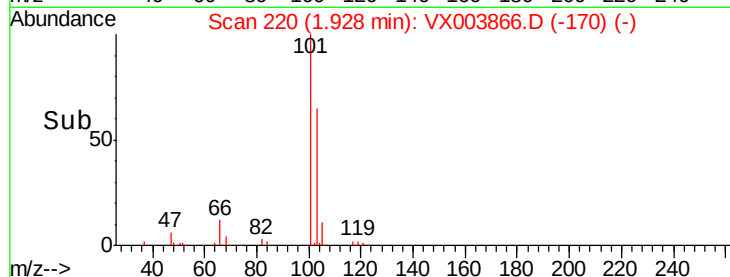
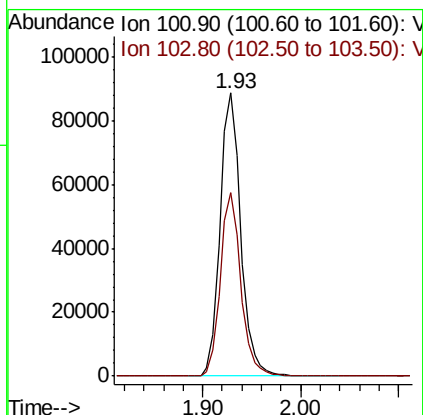
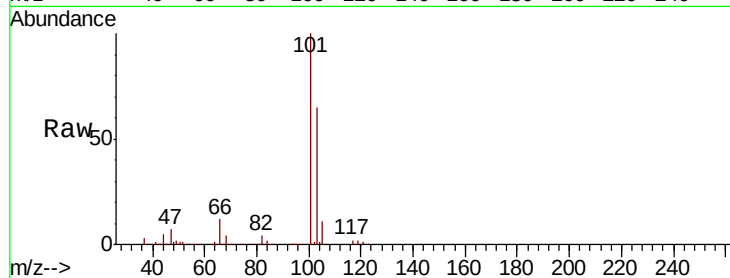


#7

Trichlorofluoromethane
 Concen: 21.526 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003866.D
 Acq: 06 Aug 2018 17:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

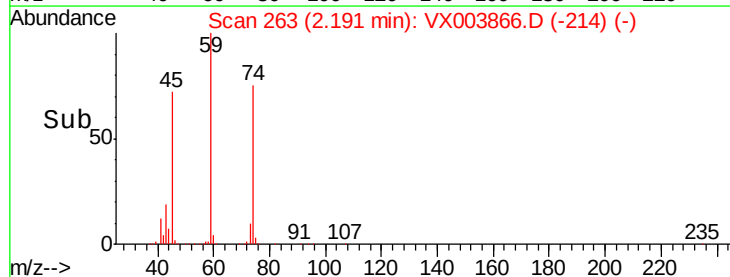
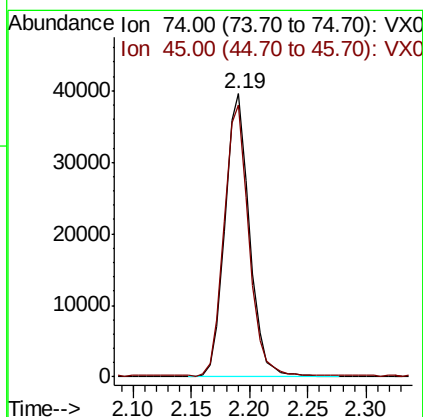
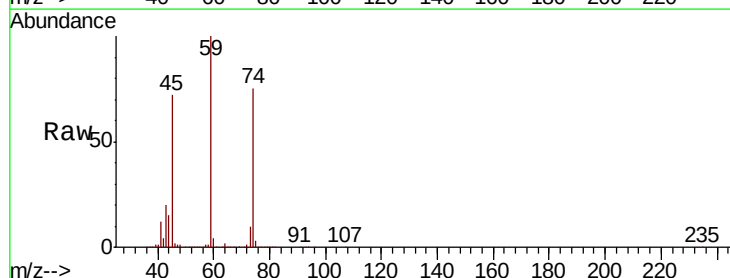
Tot Ion:101 Resp: 130052
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.3 78.5

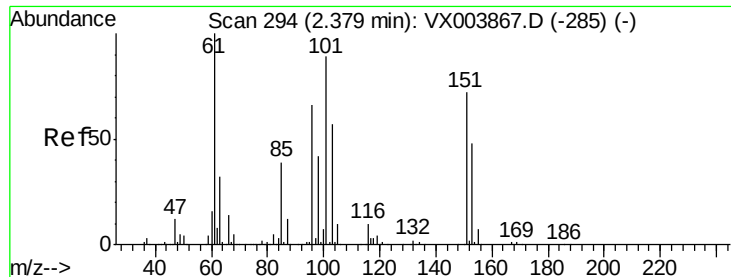


#8

Diethyl Ether
 Concen: 21.927 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003866.D
 Acq: 06 Aug 2018 17:20

Tgt Ion: 74 Resp: 57723
 Ion Ratio Lower Upper
 74 100
 45 96.1 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.909 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

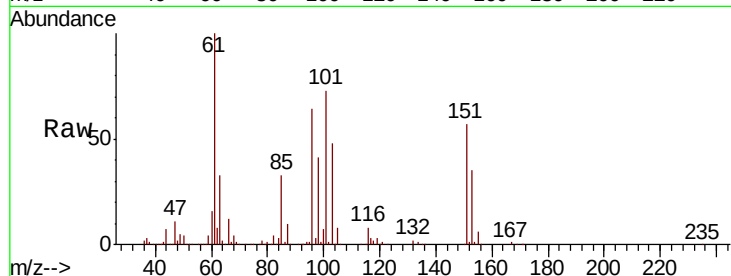
Tot Ion:101 Resp: 80000

Ion Ratio Lower Upper

101 100

85 42.9 34.2 51.4

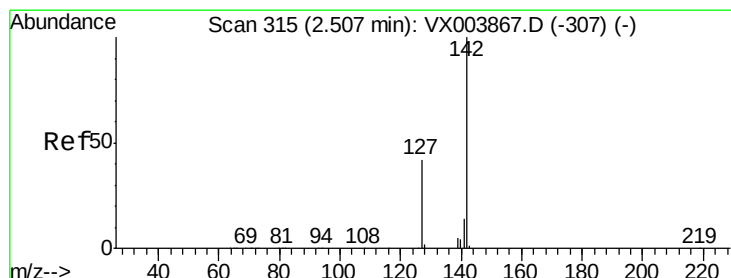
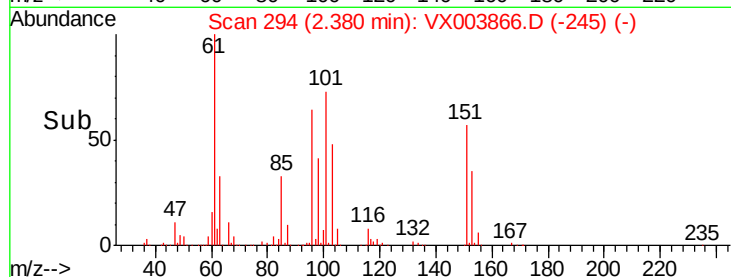
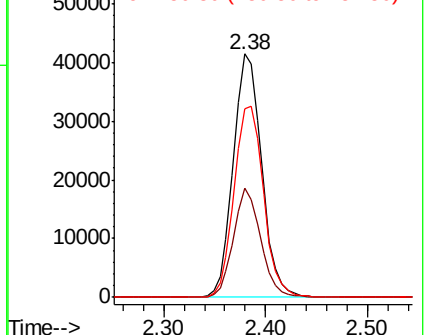
151 81.2 65.0 97.4



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: 19.099 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

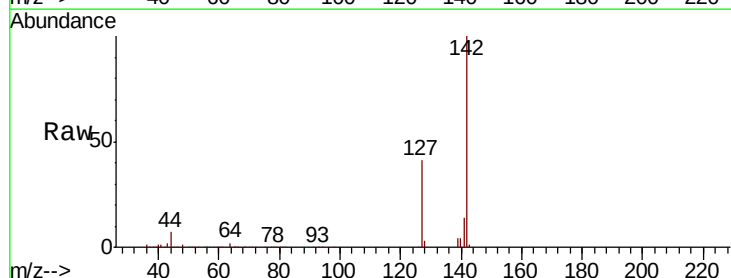
Tgt Ion:142 Resp: 97630

Ion Ratio Lower Upper

142 100

127 41.5 33.1 49.7

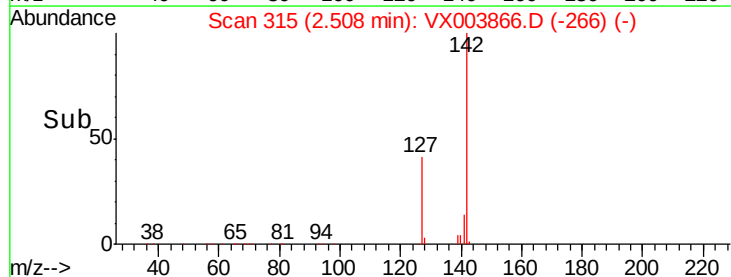
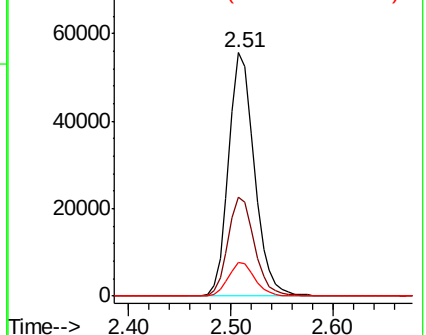
141 14.2 11.1 16.7

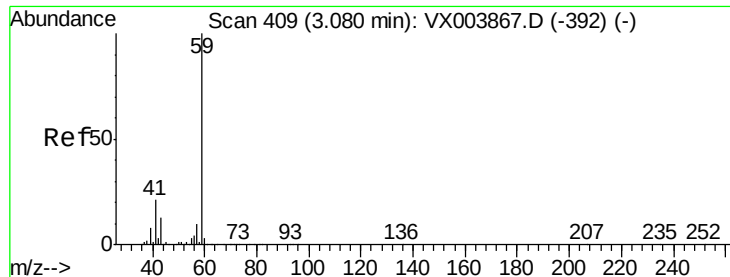


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



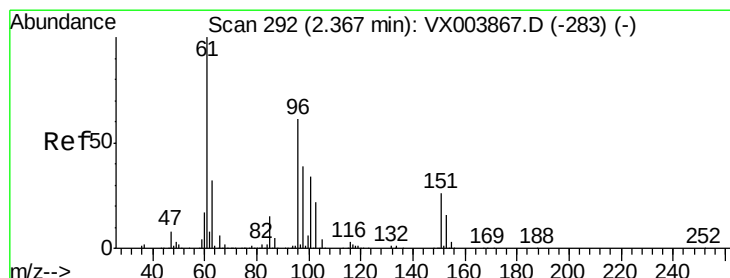
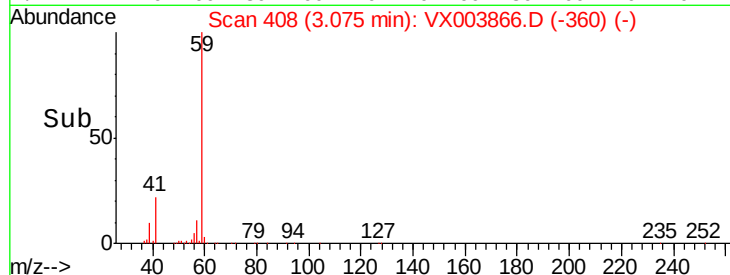
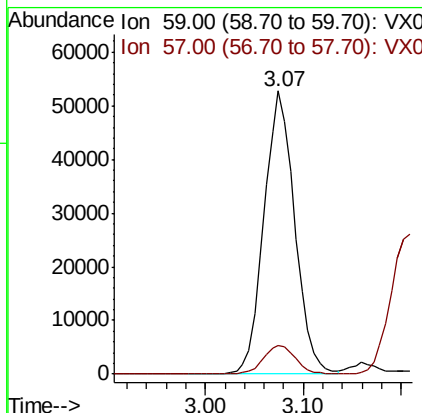
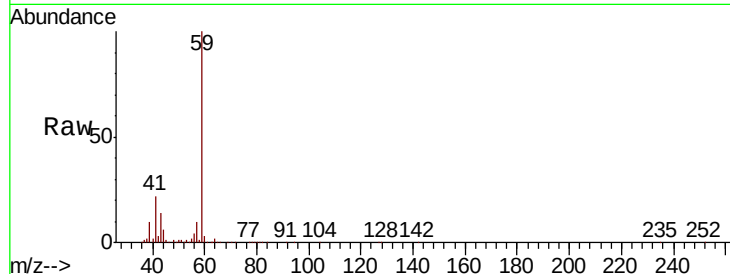


#11

Tert butyl alcohol
Concen: 109.829 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003866.D
Acq: 06 Aug 2018 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

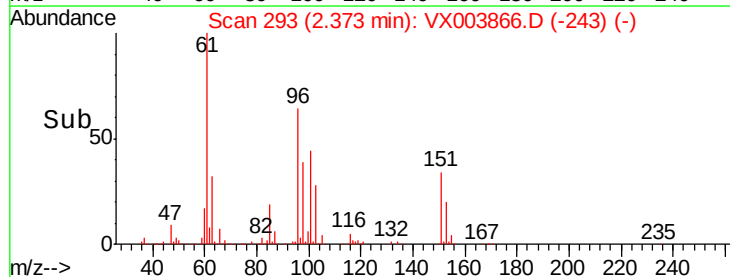
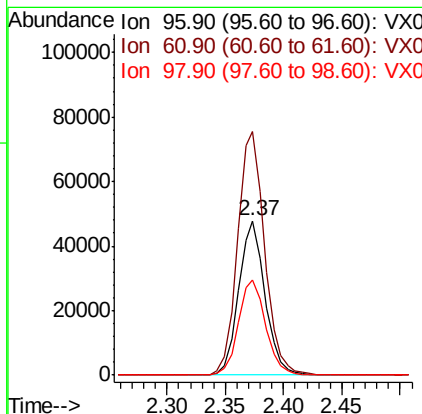
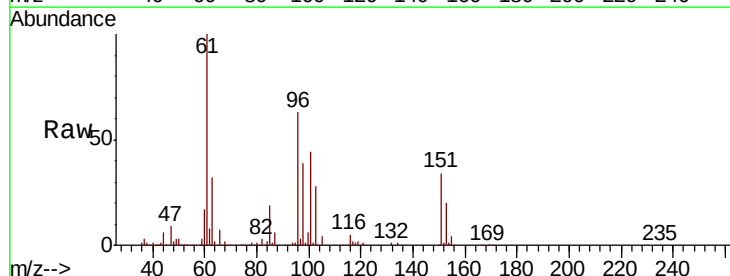
Tot Ion: 59 Resp: 115671
Ion Ratio Lower Upper
59 100
57 10.6 8.1 12.1

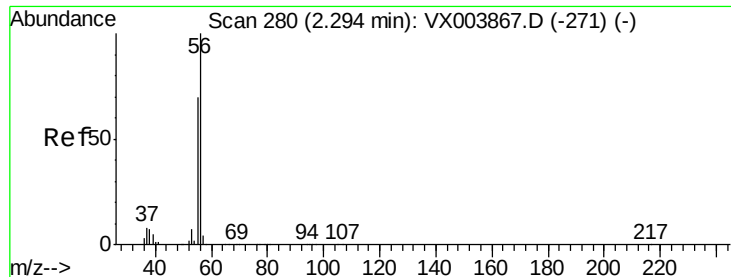


#12

1,1-Dichloroethene
Concen: 20.377 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX003866.D
Acq: 06 Aug 2018 17:20

Tgt Ion: 96 Resp: 75457
Ion Ratio Lower Upper
96 100
61 157.5 131.3 196.9
98 61.3 51.8 77.6





#13

Acrolein

Concen: 77.222 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

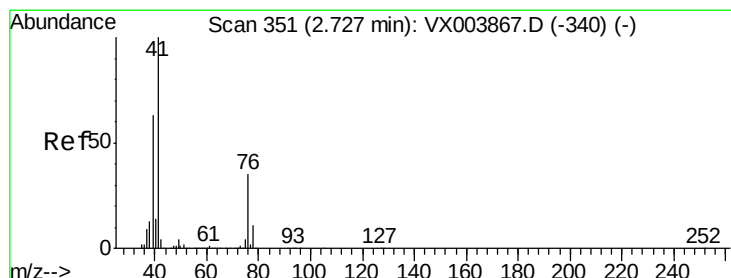
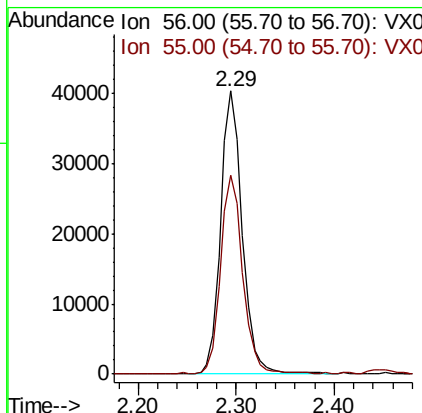
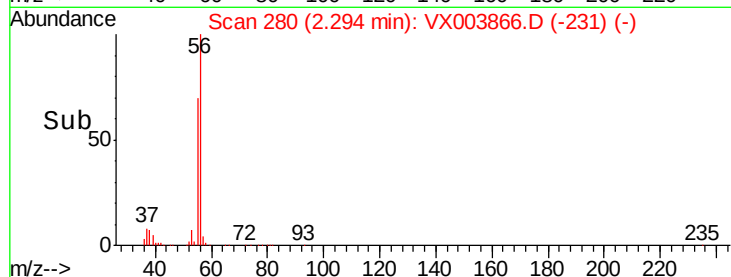
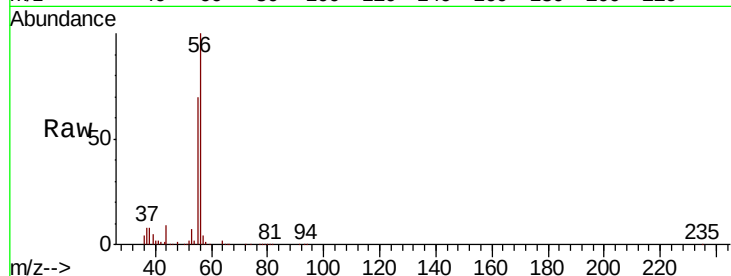
VSTDIC020

Tot Ion: 56 Resp: 61951

Ion Ratio Lower Upper

56 100

55 71.3 56.1 84.1



#14

Allyl chloride

Concen: 21.516 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

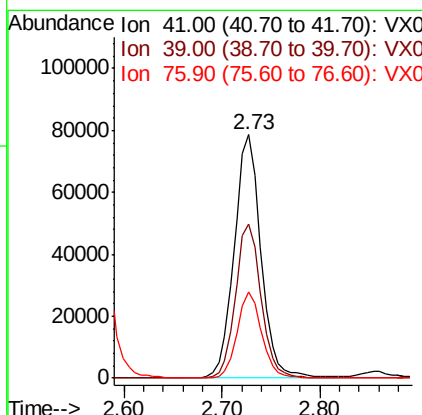
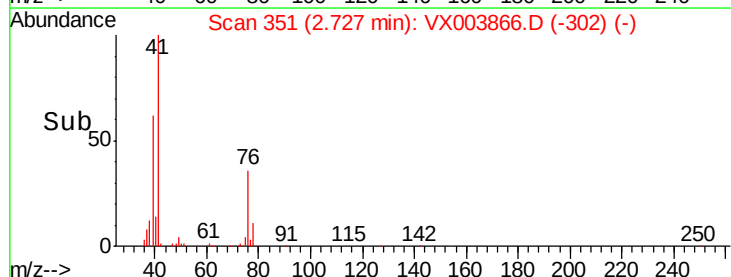
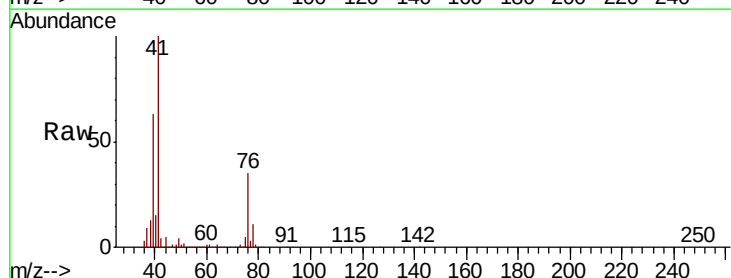
Tgt Ion: 41 Resp: 148422

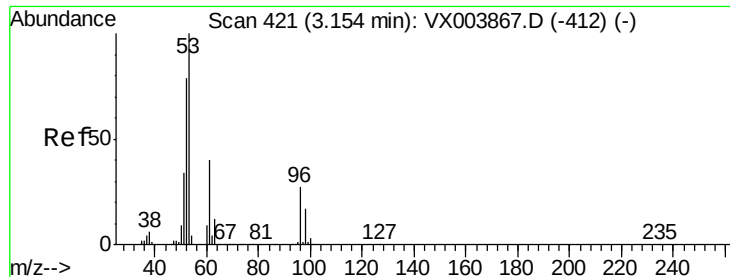
Ion Ratio Lower Upper

41 100

39 60.4 47.4 71.0

76 32.7 26.0 39.0





#15

Acrylonitrile

Concen: 107.792 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

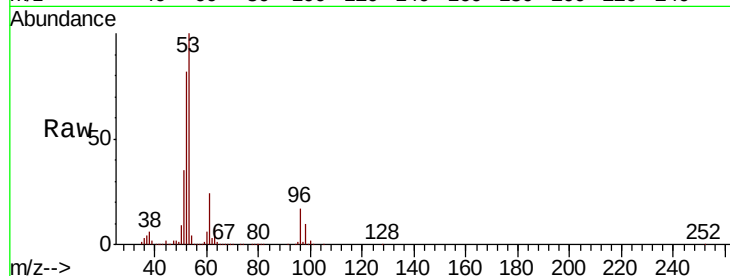
Tot Ion: 53 Resp: 270467

Ion Ratio Lower Upper

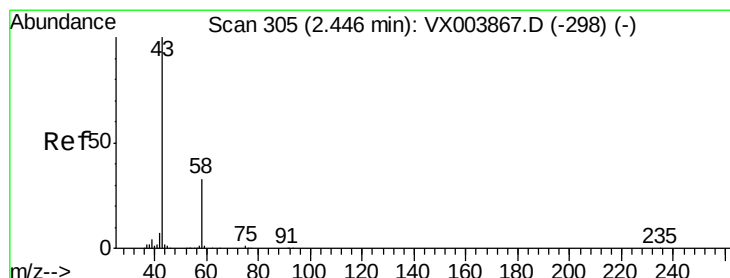
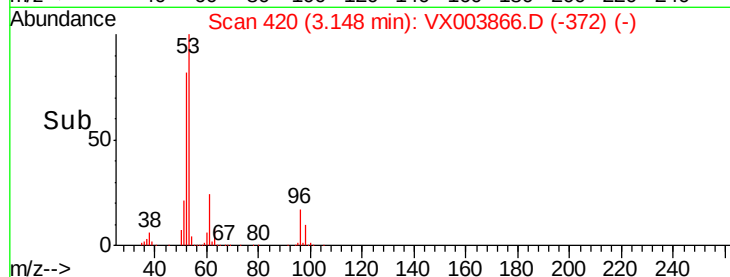
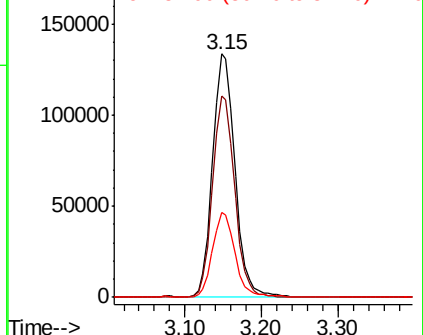
53 100

52 81.9 65.3 97.9

51 34.8 27.9 41.9



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: 109.125 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003866.D

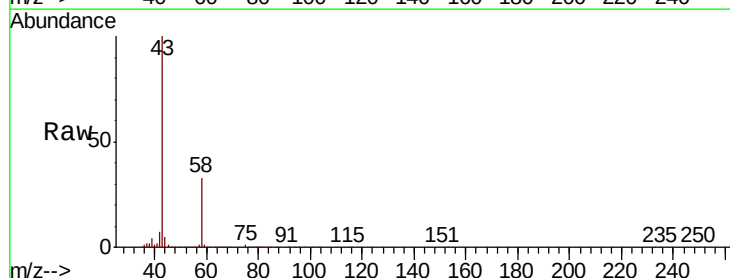
Acq: 06 Aug 2018 17:20

Tgt Ion: 43 Resp: 280704

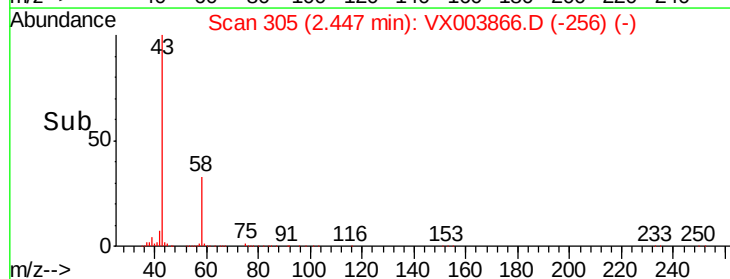
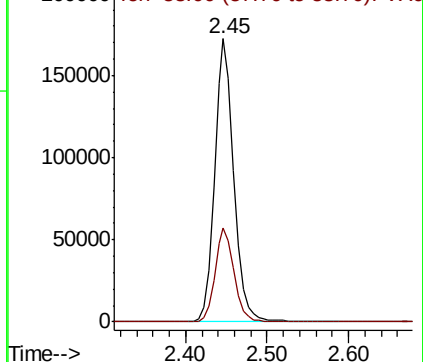
Ion Ratio Lower Upper

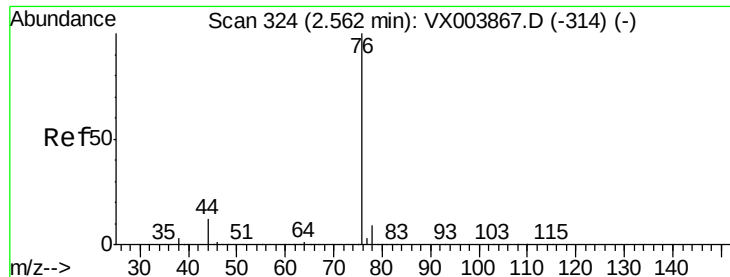
43 100

58 33.2 26.4 39.6



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





#17

Carbon Disulfide

Concen: 20.379 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

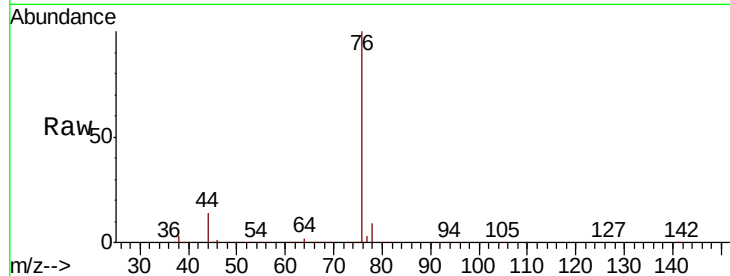
VSTDIC020

Tot Ion: 76 Resp: 213210

Ion Ratio Lower Upper

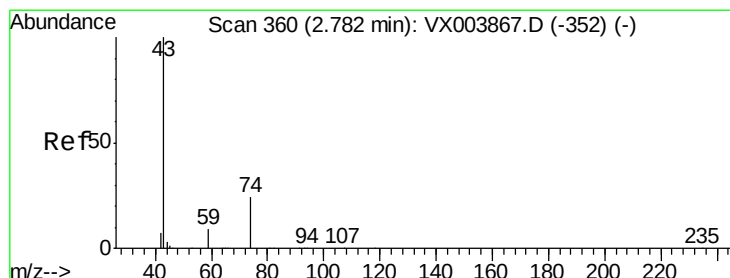
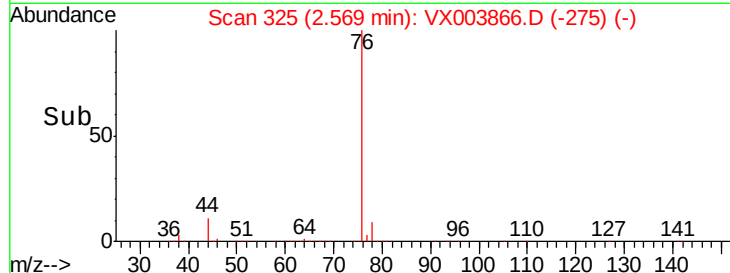
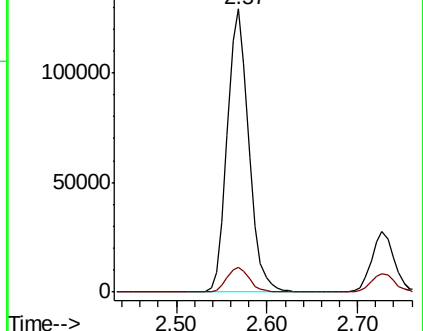
76 100

78 8.7 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX003867.D (-314) (-)

Ion 77.90 (77.60 to 78.60): VX003867.D (-314) (-)



#18

Methyl Acetate

Concen: 20.852 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003866.D

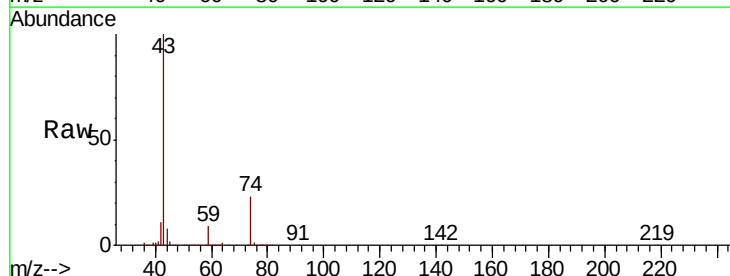
Acq: 06 Aug 2018 17:20

Tgt Ion: 43 Resp: 122870

Ion Ratio Lower Upper

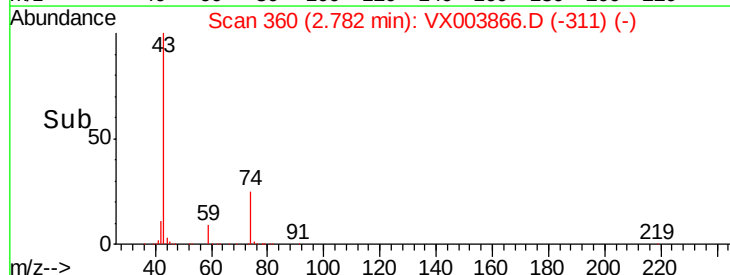
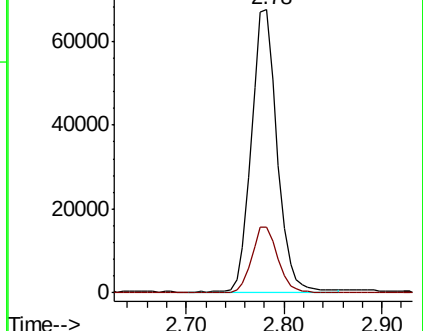
43 100

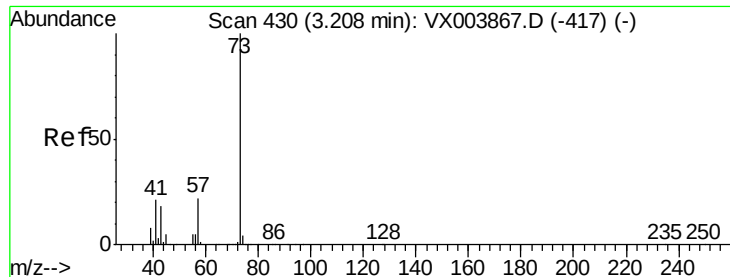
74 23.9 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX003867.D (-352) (-)

Ion 74.00 (73.70 to 74.70): VX003867.D (-352) (-)



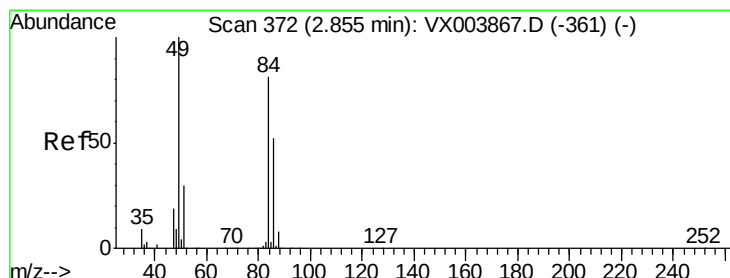
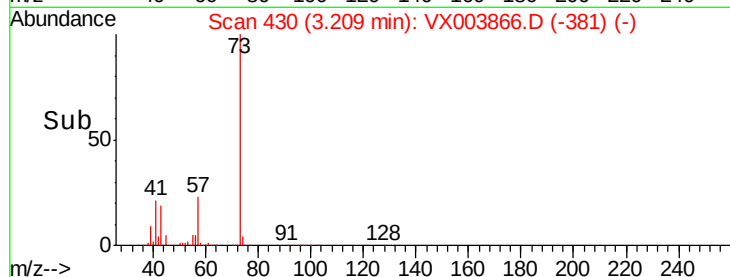
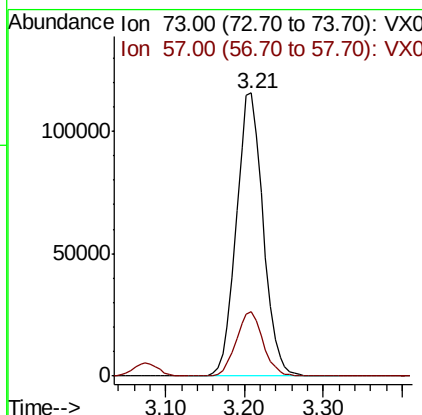
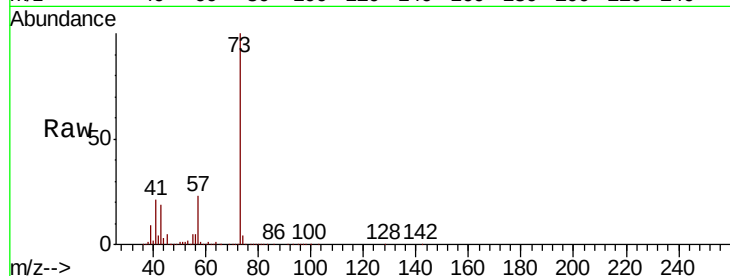


#19

Methyl tert-butyl Ether
 Concen: 21.354 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX003866.D
 Acq: 06 Aug 2018 17:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

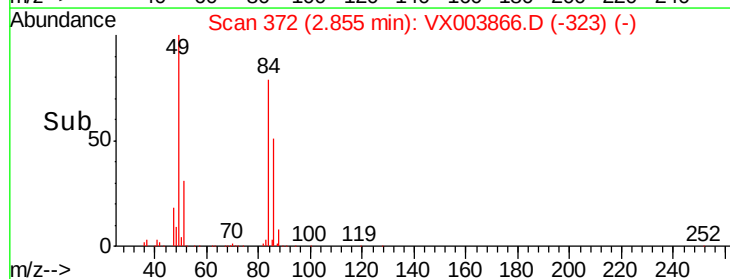
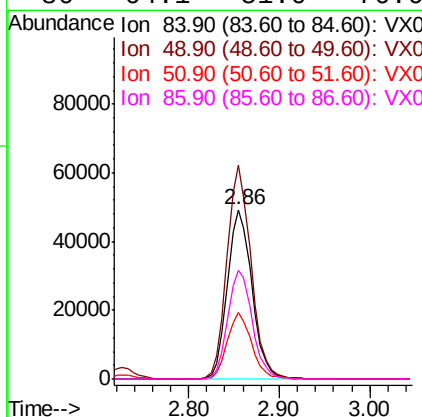
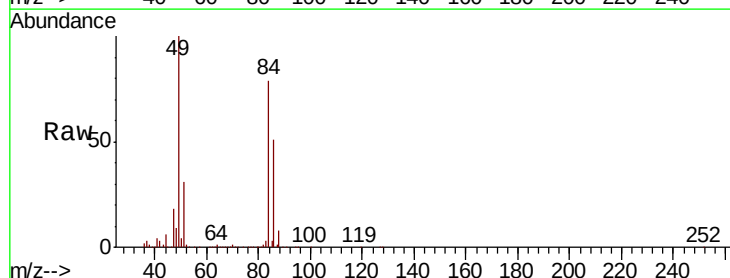
Tot Ion: 73 Resp: 273309
 Ion Ratio Lower Upper
 73 100
 57 22.6 18.0 27.0

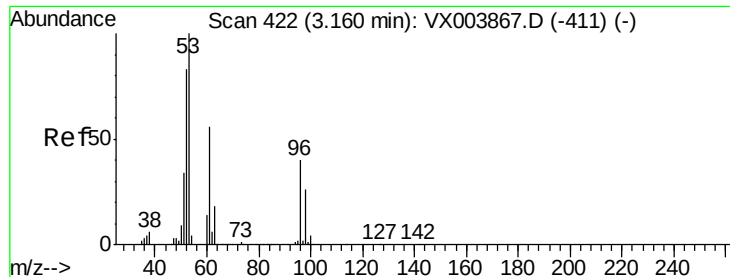


#20

Methylene Chloride
 Concen: 20.690 ug/l
 RT: 2.86 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VX003866.D
 Acq: 06 Aug 2018 17:20

Tgt Ion: 84 Resp: 92927
 Ion Ratio Lower Upper
 84 100
 49 125.9 98.9 148.3
 51 38.8 29.9 44.9
 86 64.1 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 20.606 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

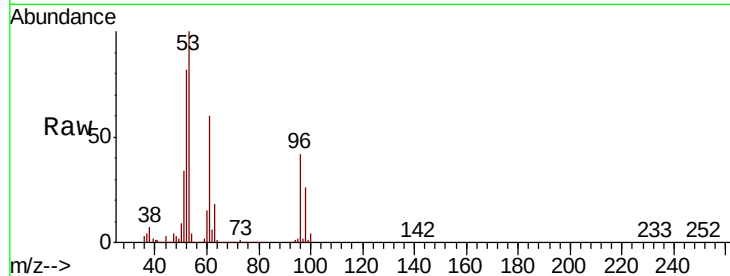
Tot Ion: 96 Resp: 84091

Ion Ratio Lower Upper

96 100

61 143.6 111.8 167.6

98 62.3 51.8 77.6

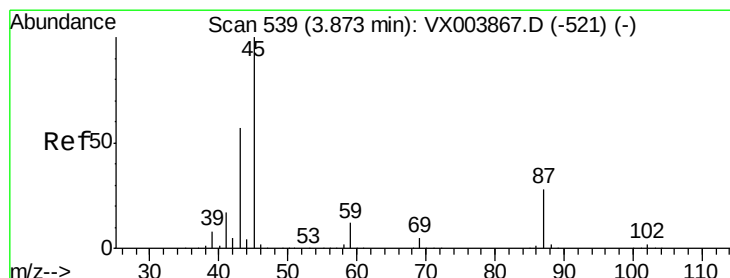
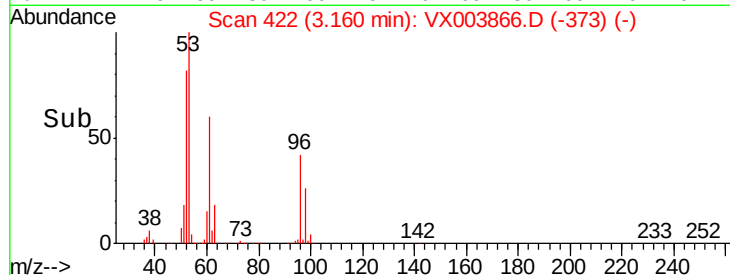
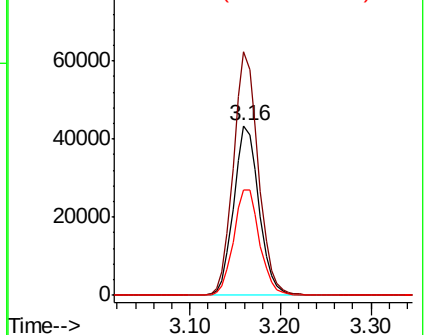


Abundance

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: 20.216 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

Tgt Ion: 45 Resp: 265561

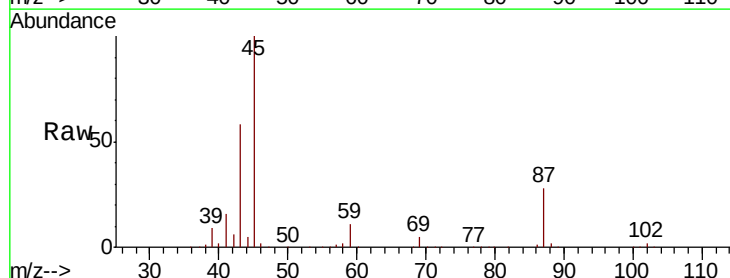
Ion Ratio Lower Upper

45 100

43 57.7 45.3 67.9

87 28.0 22.7 34.1

59 11.4 9.6 14.4



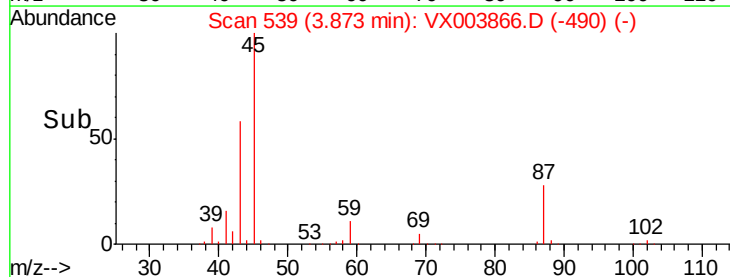
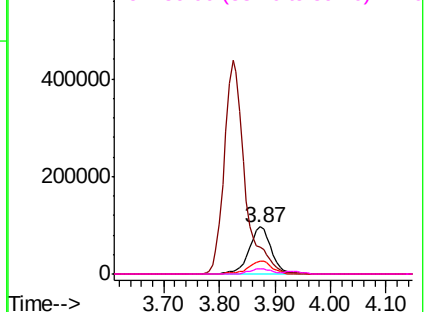
Abundance

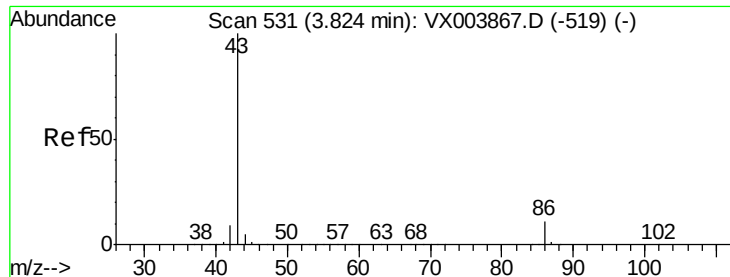
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 103.147 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

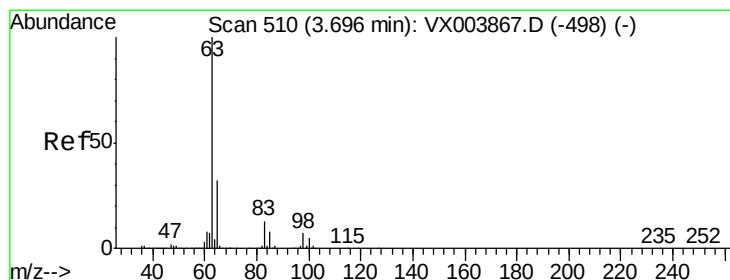
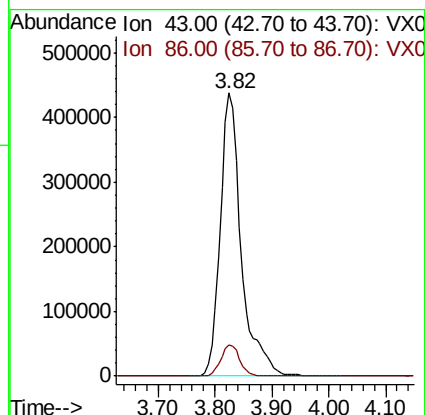
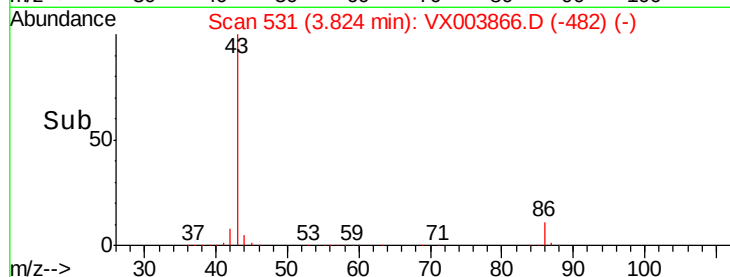
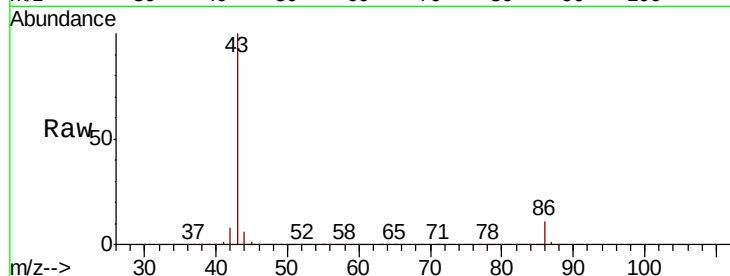
VSTDIC020

Tot Ion: 43 Resp: 1122638

Ion Ratio Lower Upper

43 100

86 11.0 8.9 13.3



#24

1,1-Dichloroethane

Concen: 21.510 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

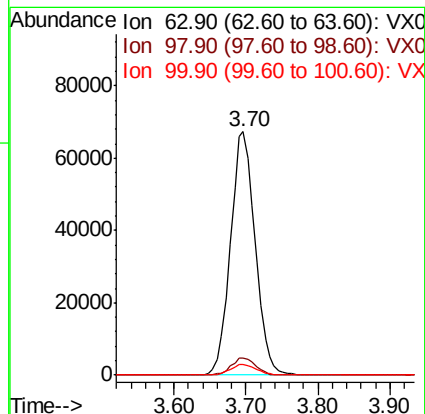
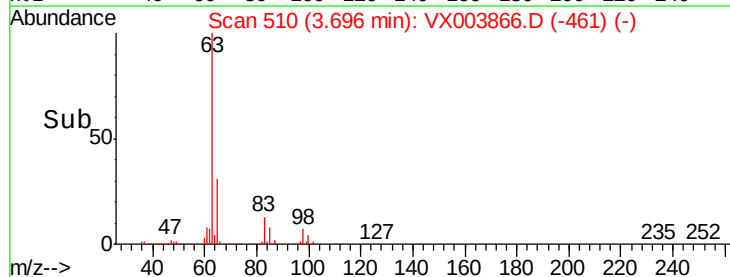
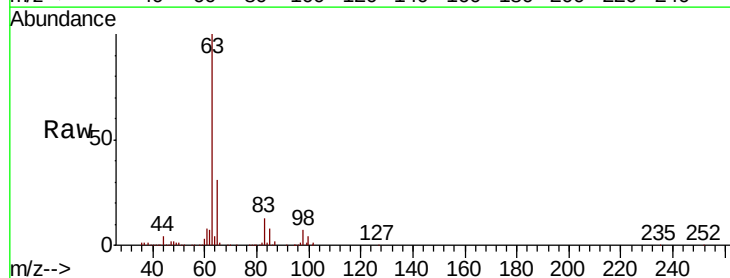
Tgt Ion: 63 Resp: 160095

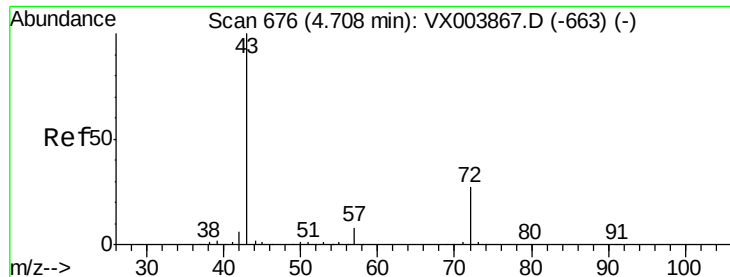
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

100 4.4 2.3 6.8





#25

2-Butanone

Concen: 99.212 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

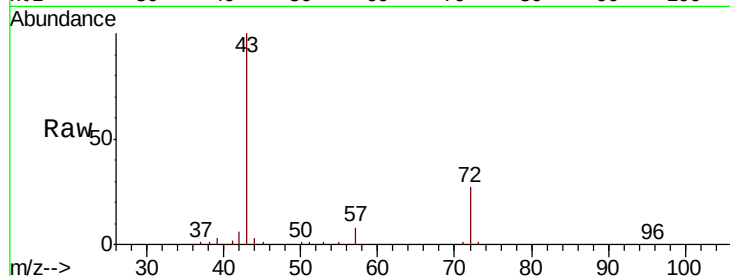
VSTDIC020

Tot Ion: 43 Resp: 424639

Ion Ratio Lower Upper

43 100

72 26.7 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

150000

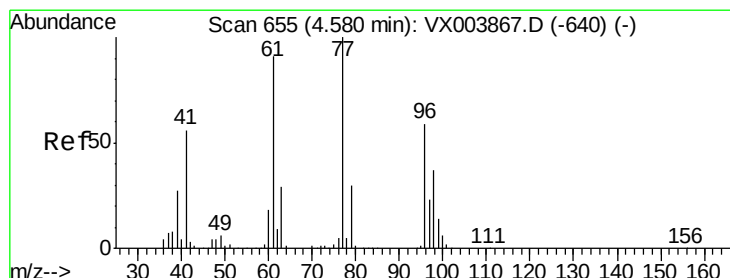
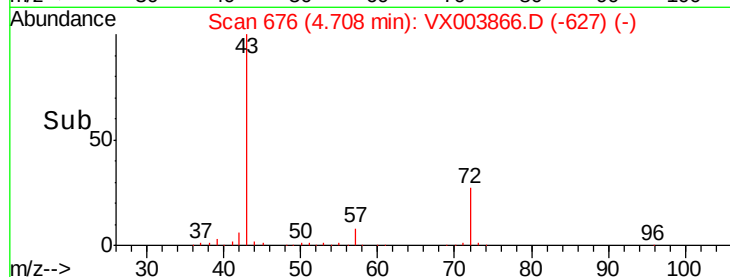
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 22.557 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX003866.D

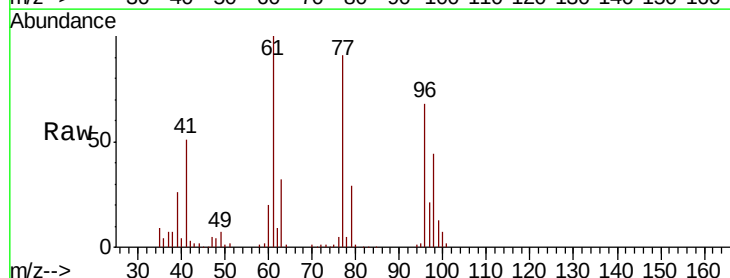
Acq: 06 Aug 2018 17:20

Tgt Ion: 77 Resp: 115440

Ion Ratio Lower Upper

77 100

97 23.4 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

40000

30000

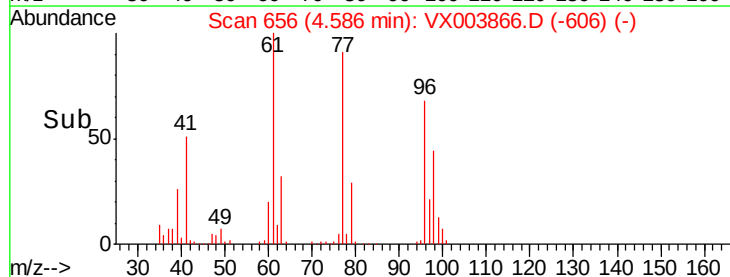
20000

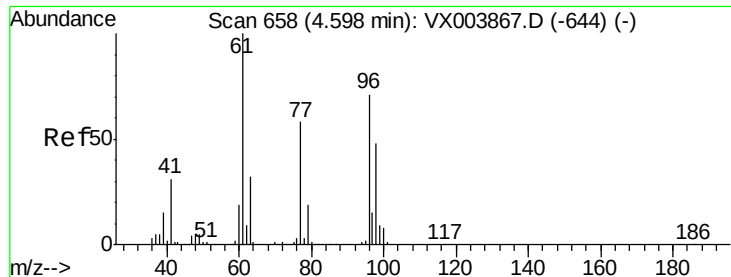
10000

0

4.40 4.50 4.60 4.70

Time-->



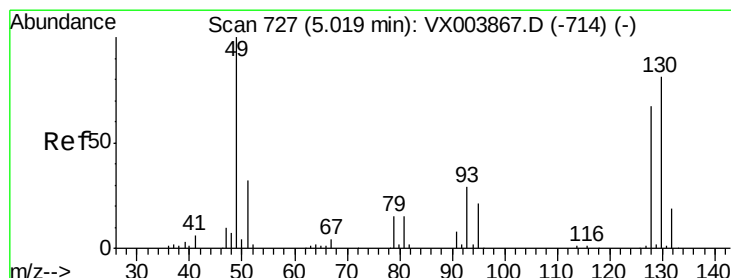
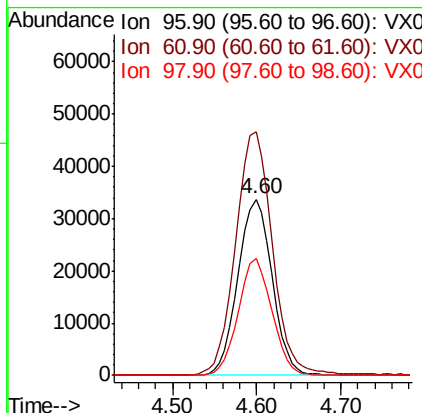
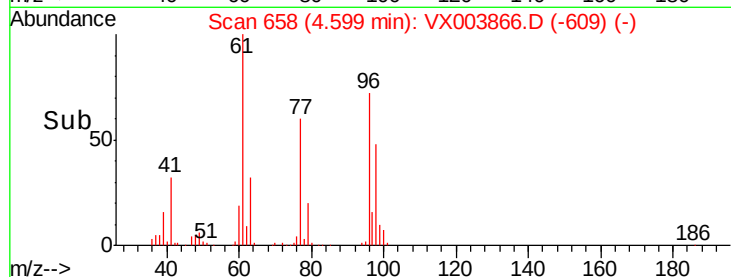
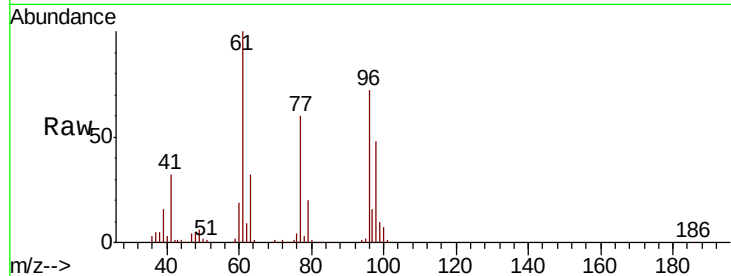


#27

cis-1,2-Dichloroethene
Concen: 20.122 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX003866.D
Acq: 06 Aug 2018 17:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

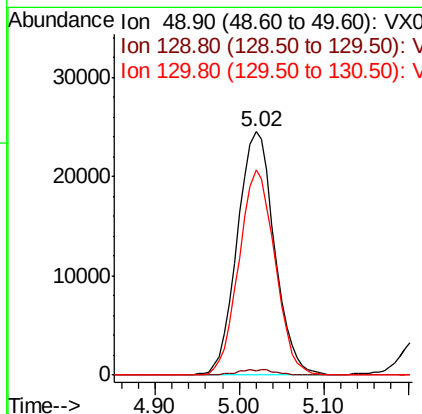
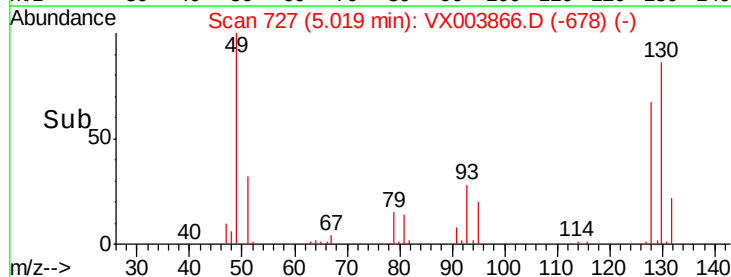
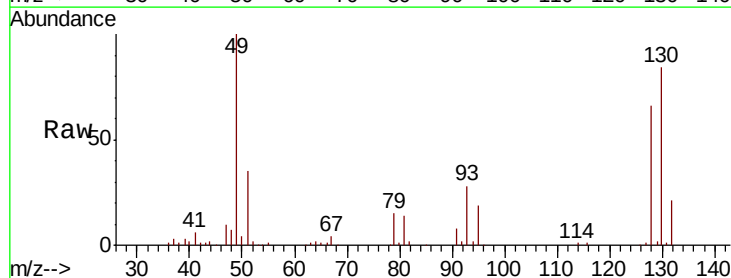
Tot Ion	Ratio	Lower	Upper
96	100		
61	149.3	0.0	293.0
98	65.1	0.0	131.8

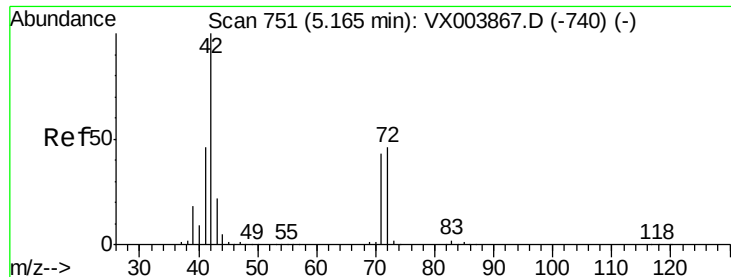


#28

Bromochloromethane
Concen: 21.291 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX003866.D
Acq: 06 Aug 2018 17:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	81.9	66.5	99.7





#29

Tetrahydrofuran

Concen: 99.814 ug/l

RT: 5.17 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

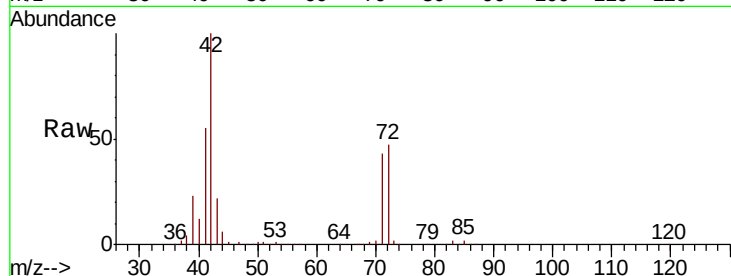
Tot Ion: 42 Resp: 217725

Ion Ratio Lower Upper

42 100

72 47.2 37.7 56.5

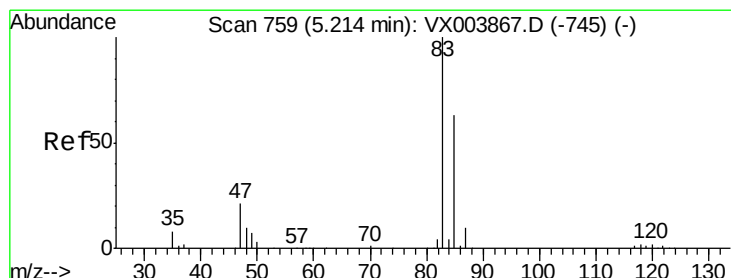
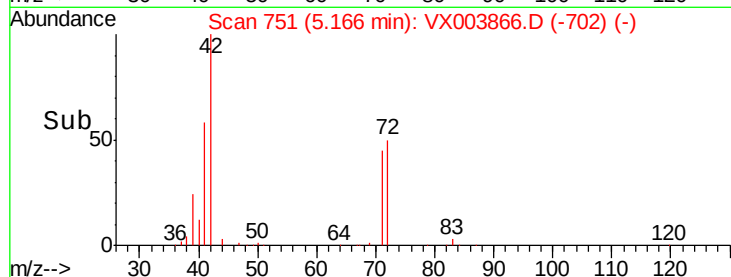
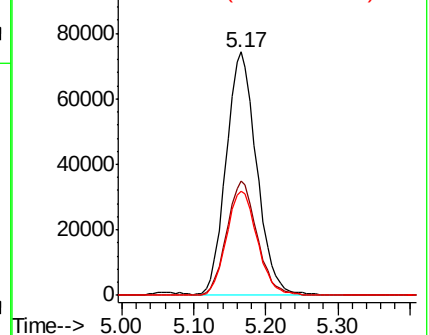
71 43.6 35.0 52.6



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.063 ug/l

RT: 5.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX003866.D

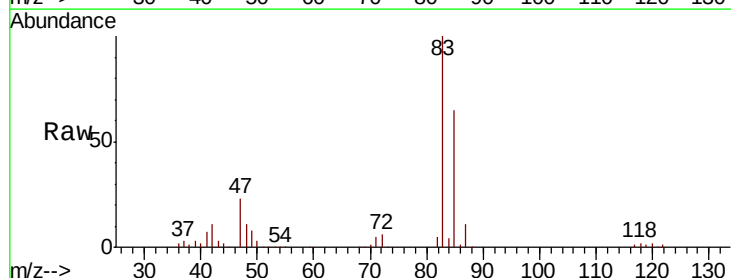
Acq: 06 Aug 2018 17:20

Tgt Ion: 83 Resp: 153286

Ion Ratio Lower Upper

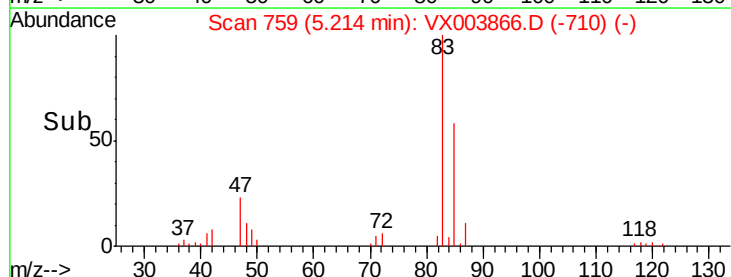
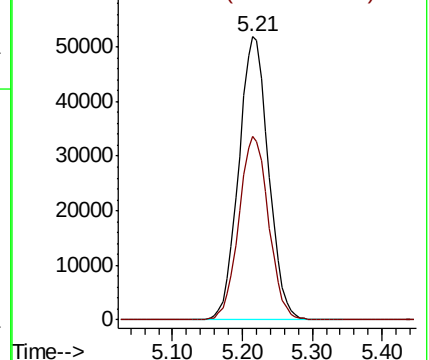
83 100

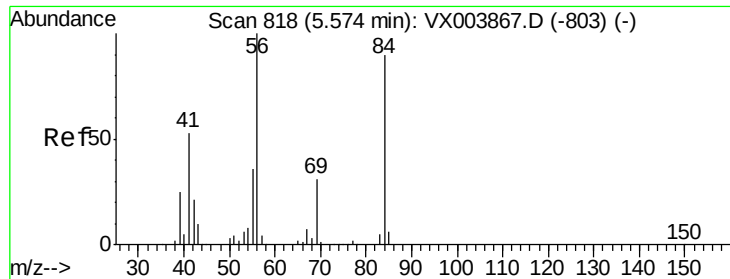
85 64.8 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

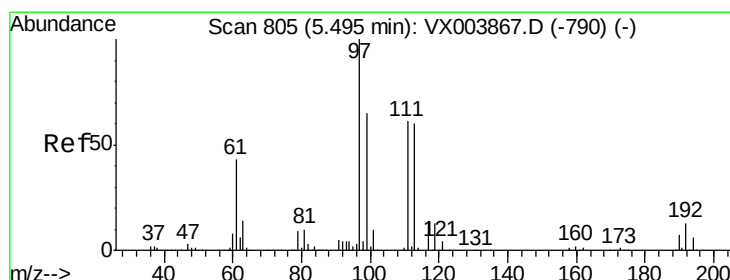
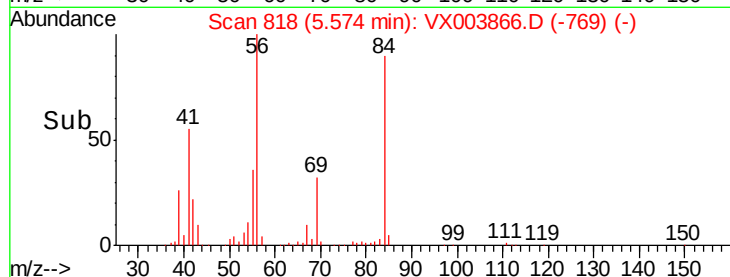
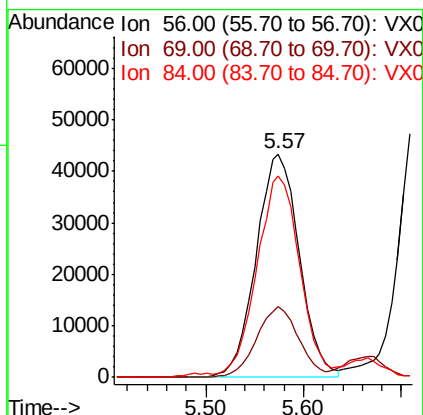
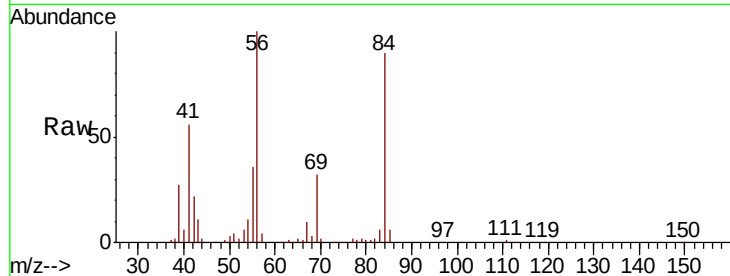




#31
Cyclohexane
Concen: 20.635 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX003866.D
Acq: 06 Aug 2018 17:20

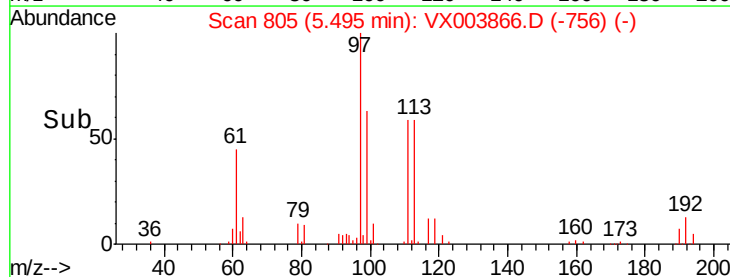
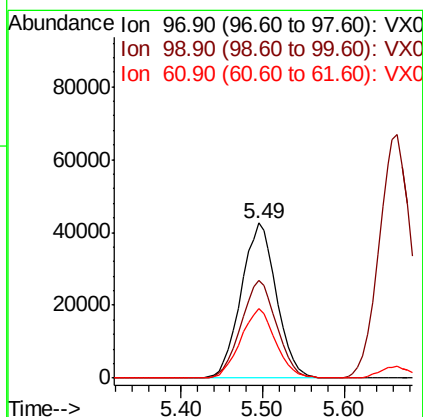
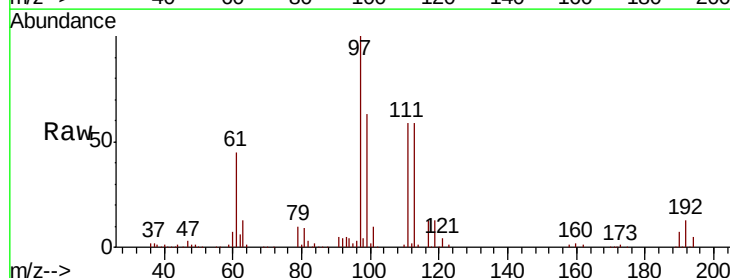
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

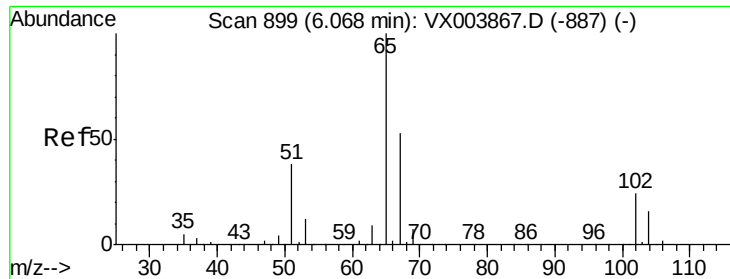
Tot Ion: 56 Resp: 133144
Ion Ratio Lower Upper
56 100
69 31.6 24.9 37.3
84 88.8 71.7 107.5



#32
1,1,1-Trichloroethane
Concen: 20.061 ug/l
RT: 5.49 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX003866.D
Acq: 06 Aug 2018 17:20

Tgt Ion: 97 Resp: 127896
Ion Ratio Lower Upper
97 100
99 63.5 51.8 77.8
61 44.1 34.4 51.6

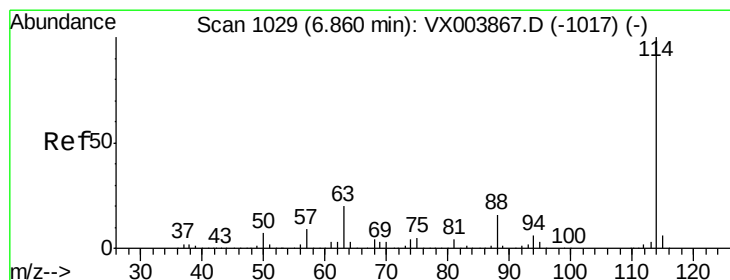
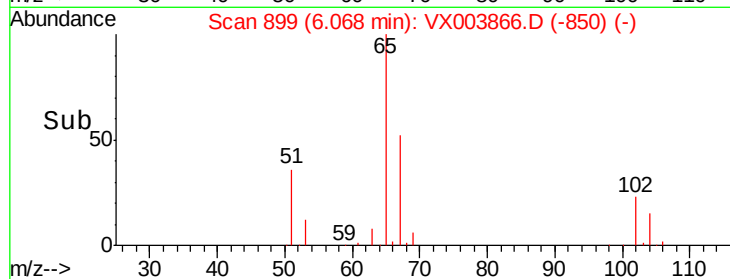
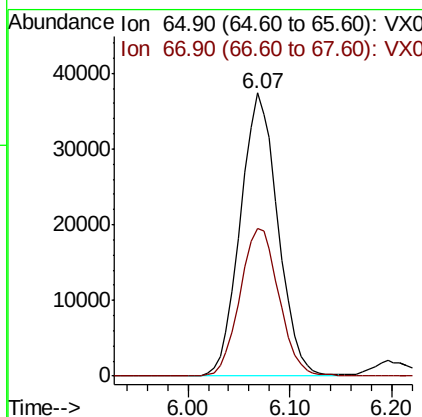
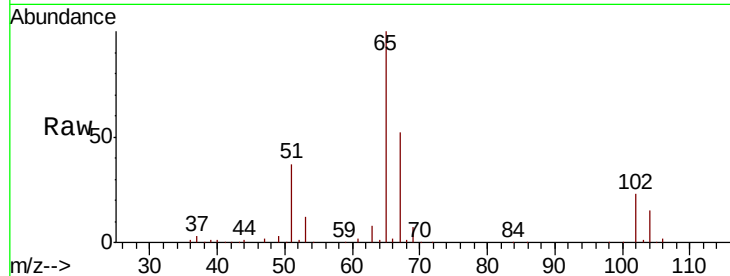




#33
 1,2-Dichloroethane-d4
 Concen: 20.108 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003866.D
 Acq: 06 Aug 2018 17:20

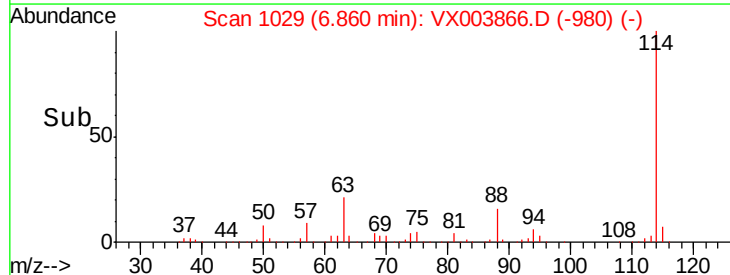
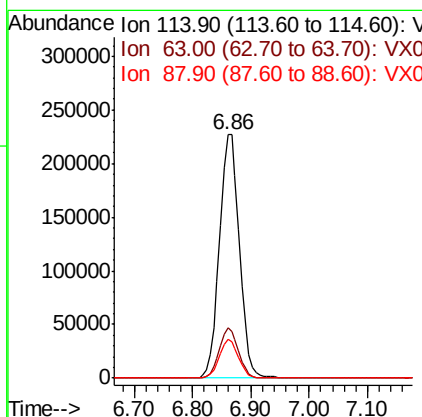
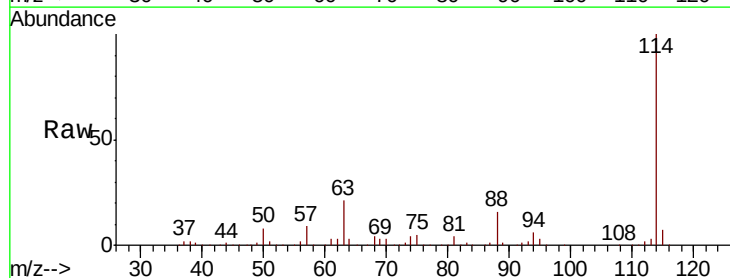
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

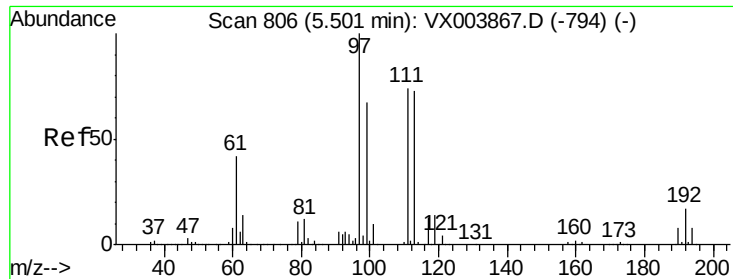
Tot Ion: 65 Resp: 95868
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX003866.D
 Acq: 06 Aug 2018 17:20

Tgt Ion: 114 Resp: 539307
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.0
 88 15.8 0.0 32.0

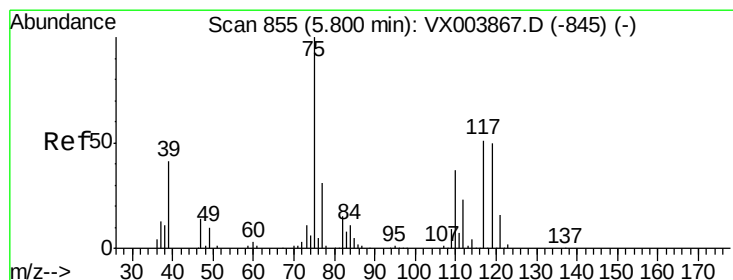
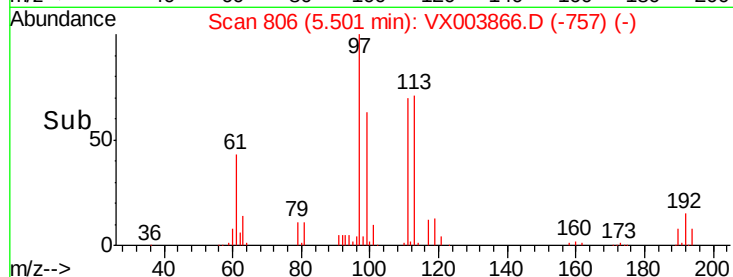
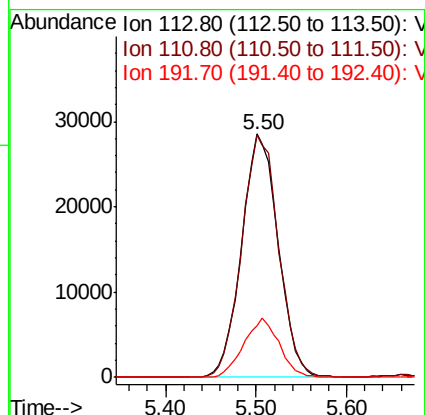
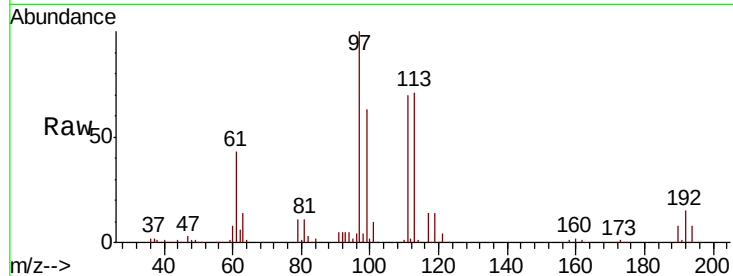




#35
 Dibromofluoromethane
 Concen: 19.060 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX003866.D
 Acq: 06 Aug 2018 17:20

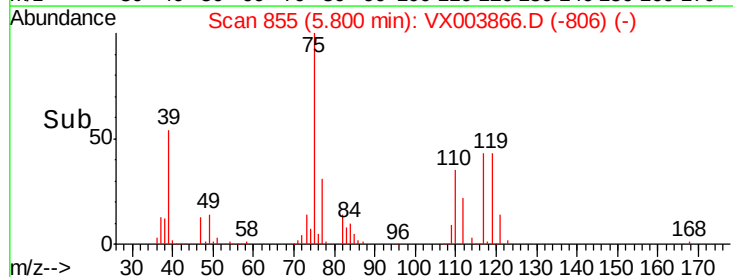
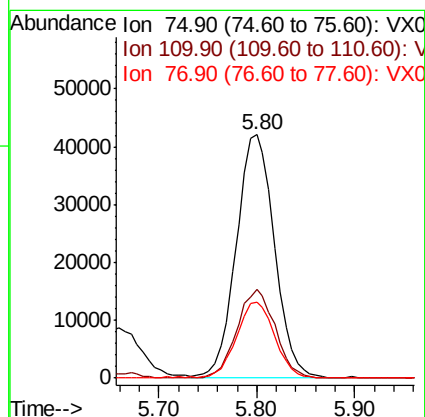
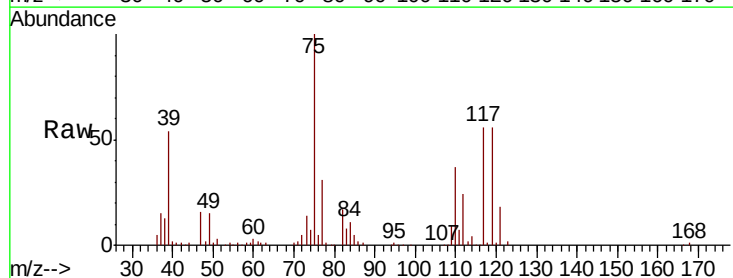
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

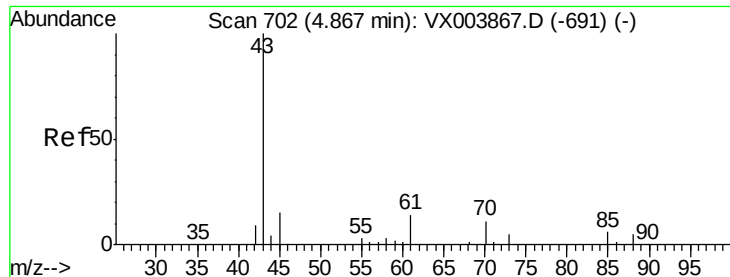
Tot Ion:113 Resp: 79816
 Ion Ratio Lower Upper
 113 100
 111 100.4 82.0 123.0
 192 23.4 19.0 28.4



#36
 1,1-Dichloropropene
 Concen: 19.450 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003866.D
 Acq: 06 Aug 2018 17:20

Tgt Ion: 75 Resp: 113588
 Ion Ratio Lower Upper
 75 100
 110 36.5 18.2 54.6
 77 31.5 25.0 37.4

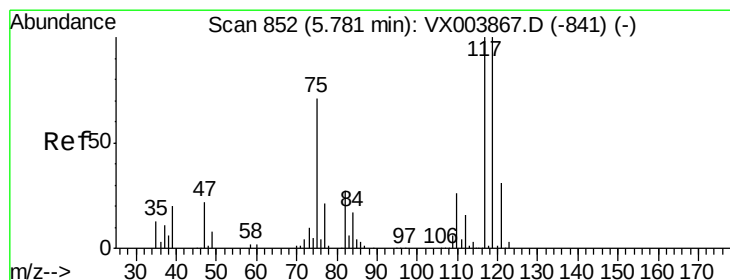
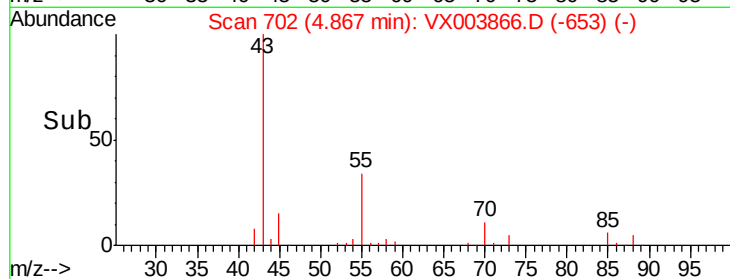
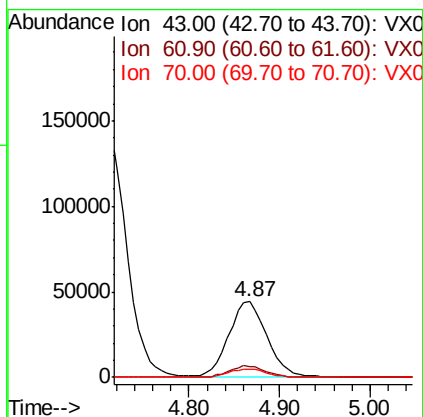
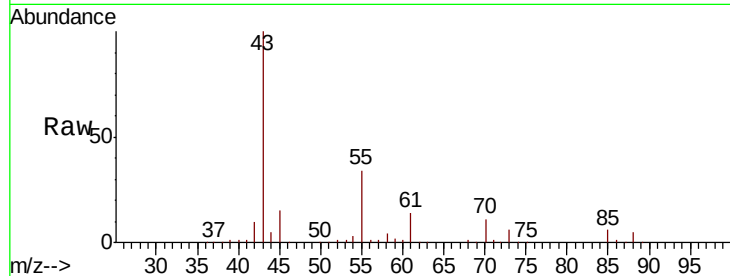




#37
Ethyl Acetate
Concen: 19.307 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003866.D
Acq: 06 Aug 2018 17:20

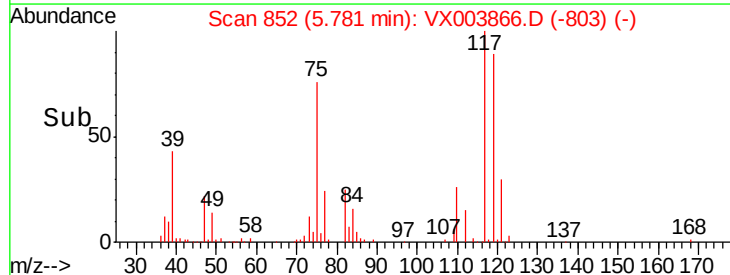
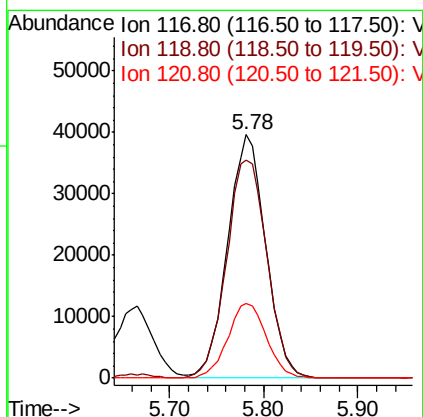
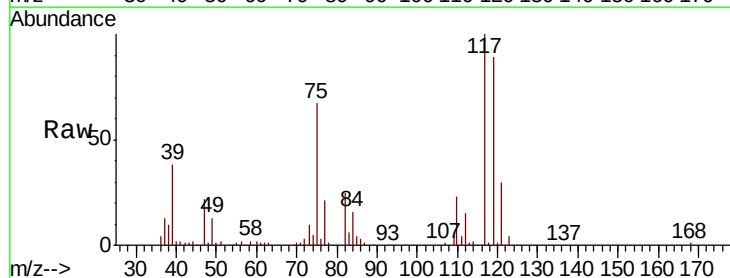
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

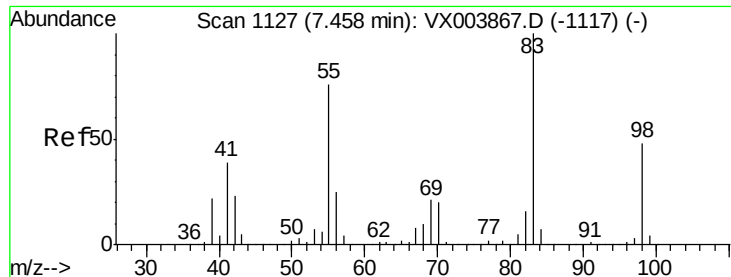
Tot Ion: 43 Resp: 128406
Ion Ratio Lower Upper
43 100
61 14.7 11.5 17.3
70 11.1 9.0 13.4



#38
Carbon Tetrachloride
Concen: 19.202 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003866.D
Acq: 06 Aug 2018 17:20

Tgt Ion: 117 Resp: 111450
Ion Ratio Lower Upper
117 100
119 89.3 79.5 119.3
121 30.4 25.0 37.4

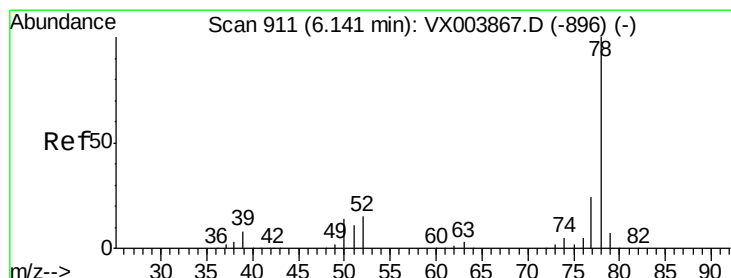
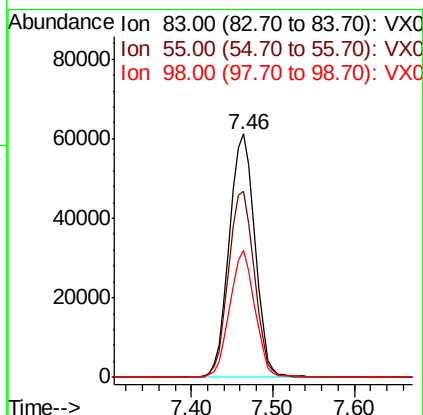
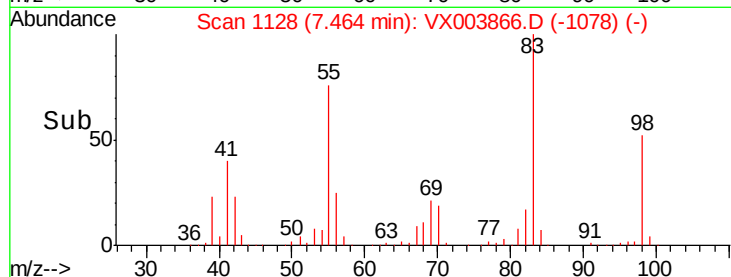
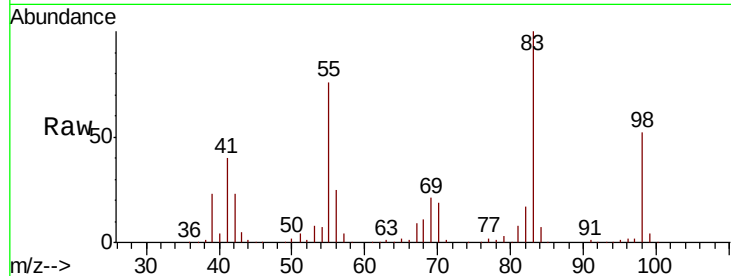




#39
Methylvlcyclohexane
Concen: 19.919 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003866.D
Acq: 06 Aug 2018 17:20

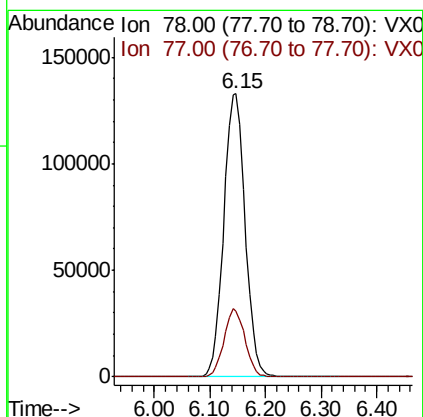
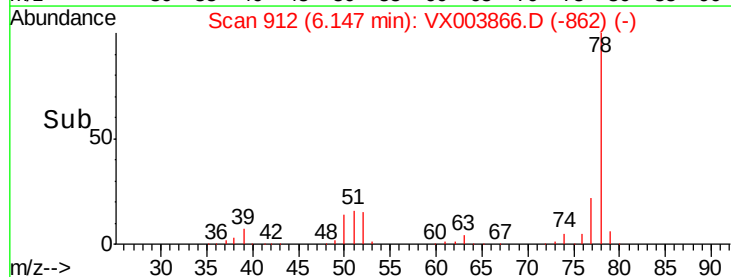
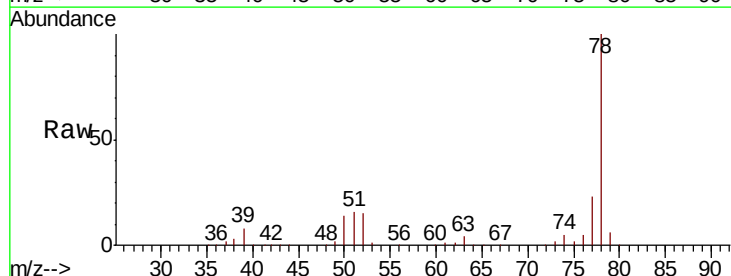
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

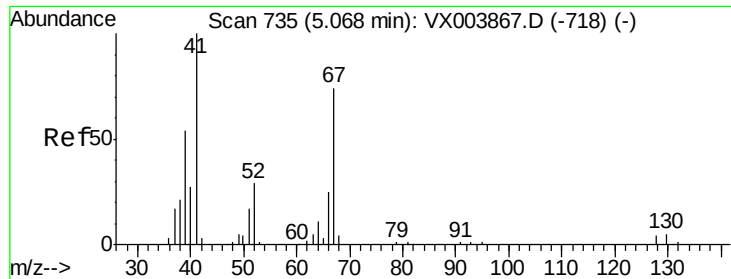
Tot Ion	83	Resp	133089
Ion	Ratio	Lower	Upper
83	100		
55	76.2	61.0	91.6
98	52.2	38.6	57.8



#40
Benzene
Concen: 19.731 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX003866.D
Acq: 06 Aug 2018 17:20

Tgt Ion	78	Resp	353026
Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.0	28.4





#41

Methacrylonitrile

Concen: 19.593 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.01 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 41 Resp: 70330

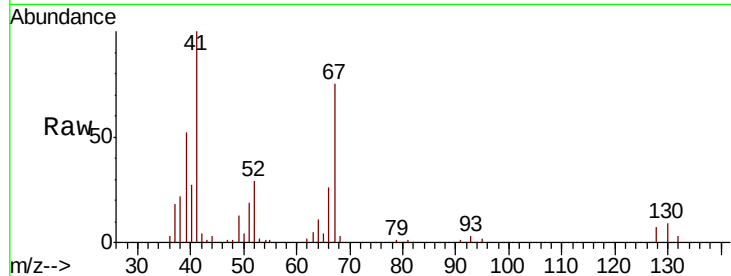
Ion Ratio Lower Upper

41 100

39 54.7 42.7 64.1

67 74.1 58.9 88.3

52 28.9 22.6 33.8



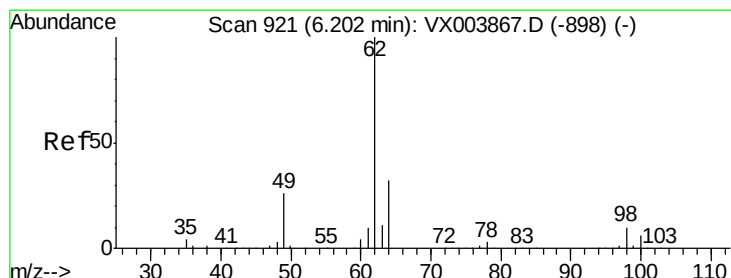
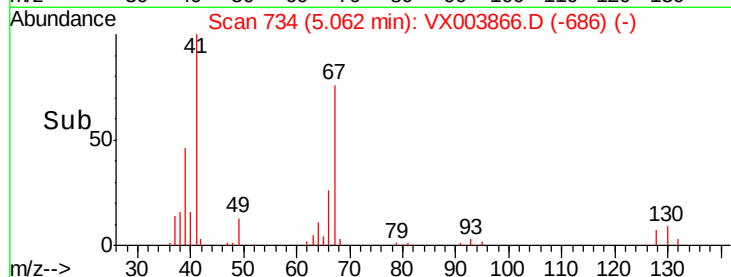
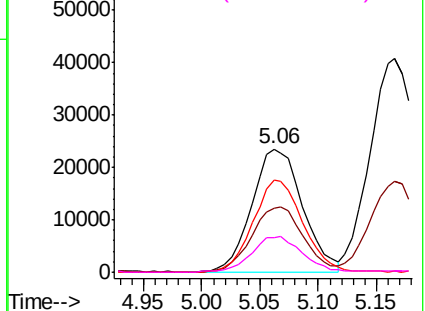
Abundance

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: 19.889 ug/l

RT: 6.20 min Scan# 920

Delta R.T. -0.01 min

Lab File: VX003866.D

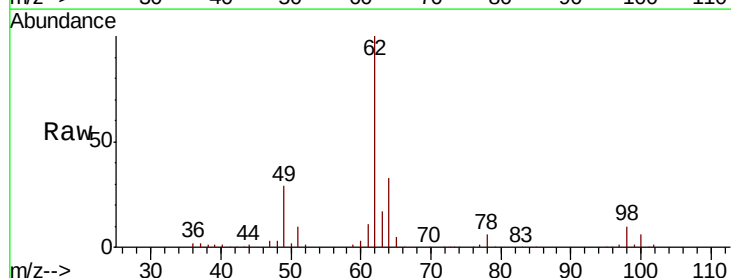
Acq: 06 Aug 2018 17:20

Tgt Ion: 62 Resp: 119055

Ion Ratio Lower Upper

62 100

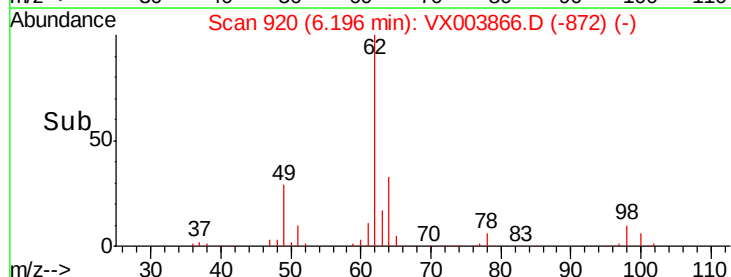
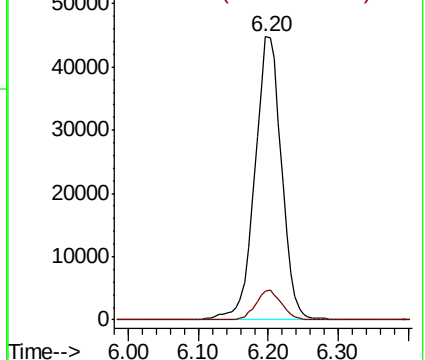
98 10.1 0.0 20.4

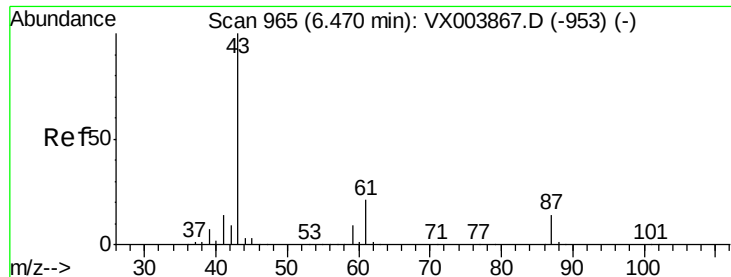


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.190 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

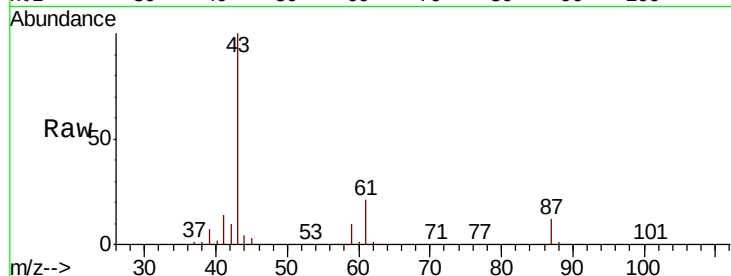
Tot Ion: 43 Resp: 191476

Ion Ratio Lower Upper

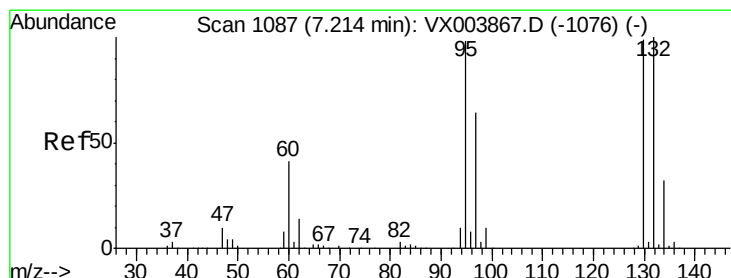
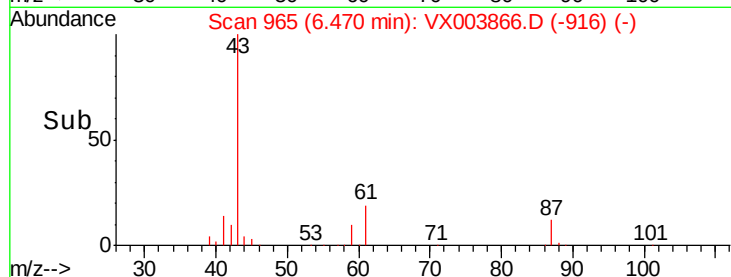
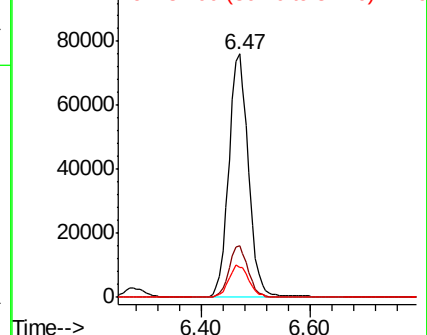
43 100

61 20.7 16.9 25.3

87 13.5 11.3 16.9



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: 19.439 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003866.D

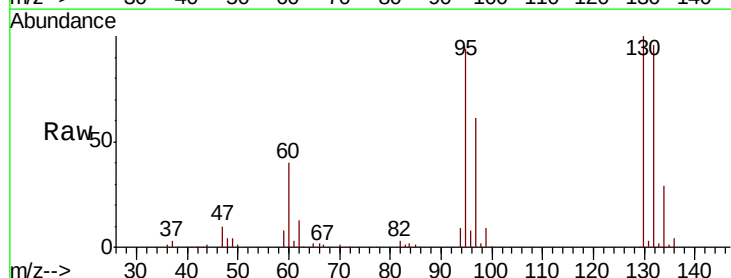
Acq: 06 Aug 2018 17:20

Tgt Ion:130 Resp: 93892

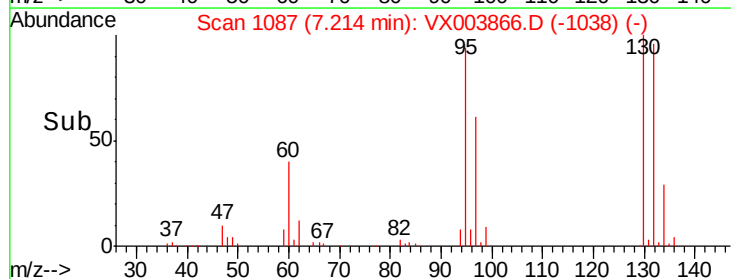
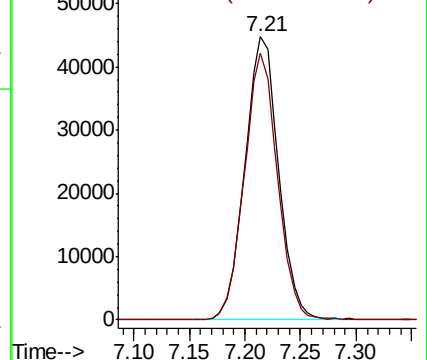
Ion Ratio Lower Upper

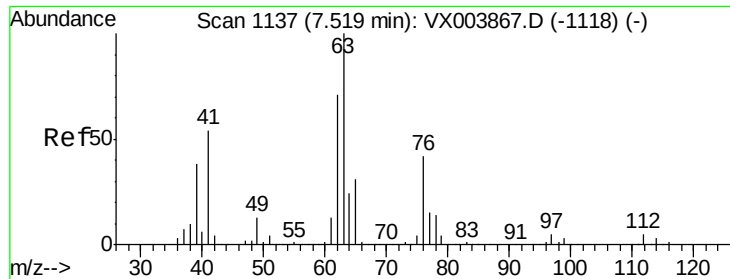
130 100

95 94.1 0.0 199.4



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

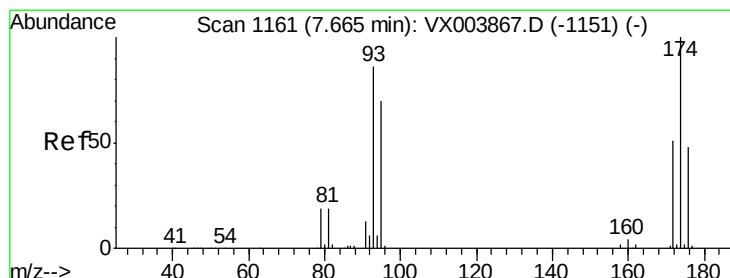
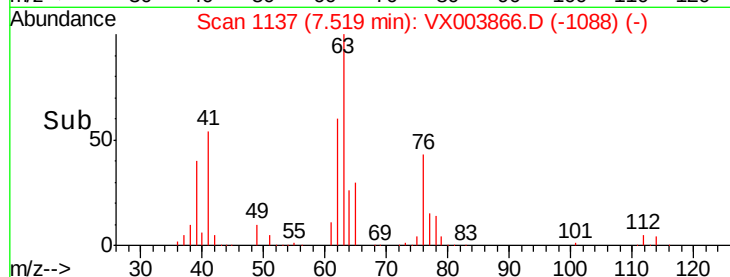
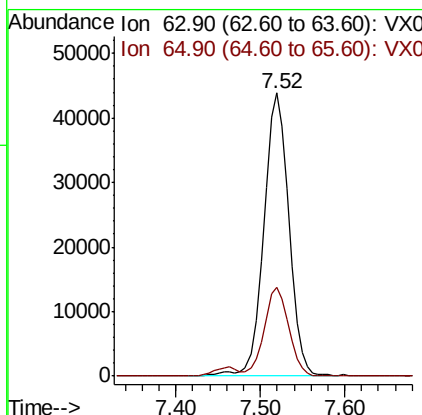
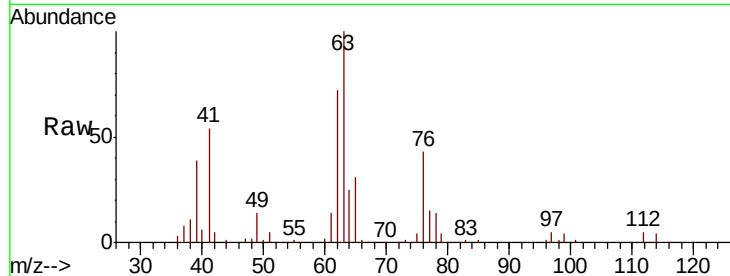




#45
 1,2-Dichloropropane
 Concen: 19.520 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003866.D
 Acq: 06 Aug 2018 17:20

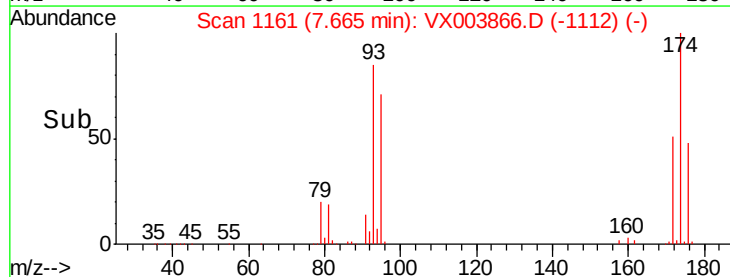
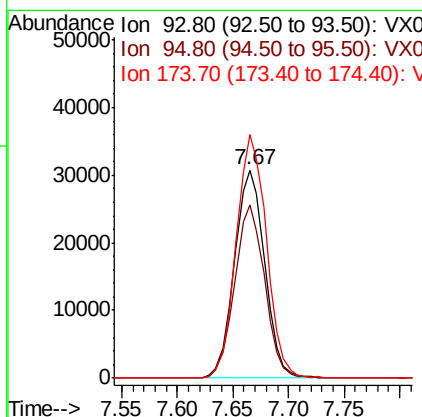
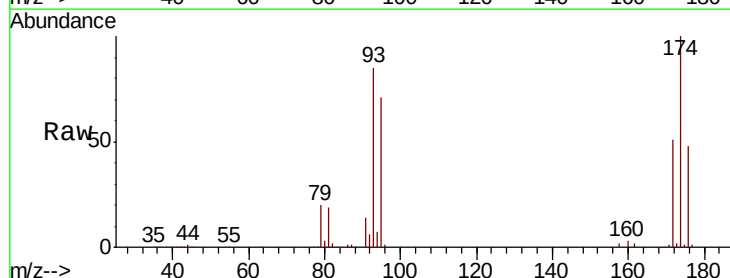
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

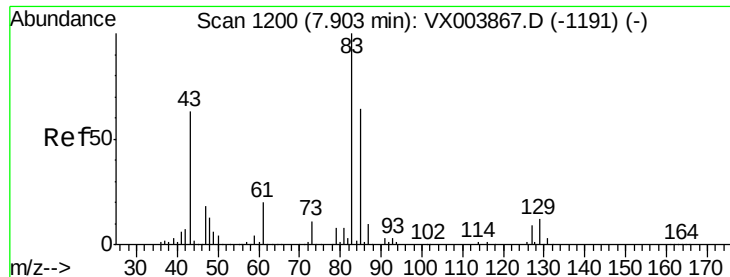
Tot Ion: 63 Resp: 90397
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.6 36.8



#46
 Dibromomethane
 Concen: 19.478 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003866.D
 Acq: 06 Aug 2018 17:20

Tgt Ion: 93 Resp: 57931
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.4 99.6
 174 117.9 94.3 141.5





#47

Bromodichloromethane

Concen: 19.588 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

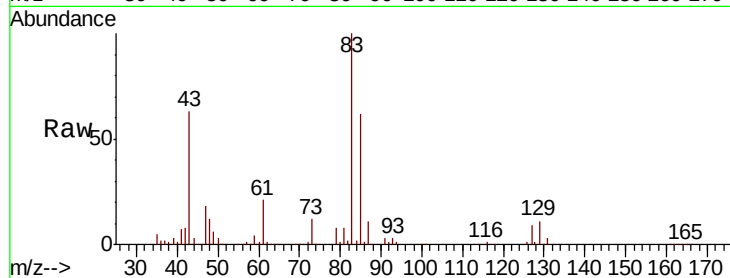
Tot Ion: 83 Resp: 110078

Ion Ratio Lower Upper

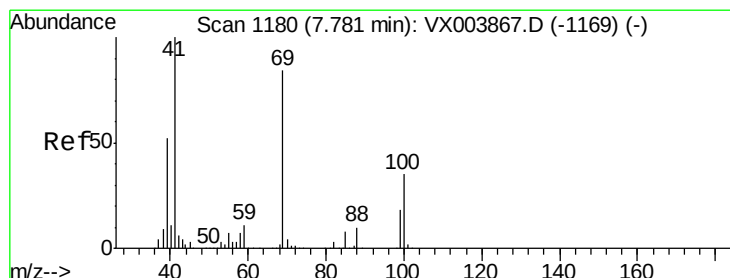
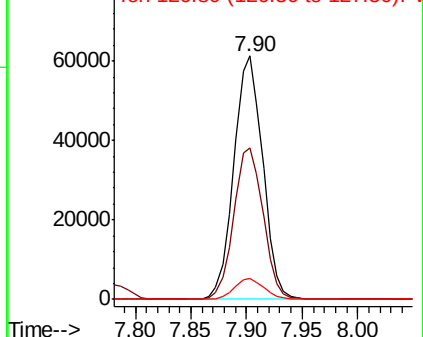
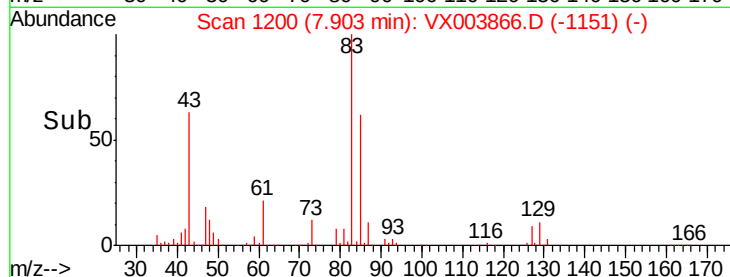
83 100

85 62.0 51.2 76.8

127 8.7 7.2 10.8



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: 19.491 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

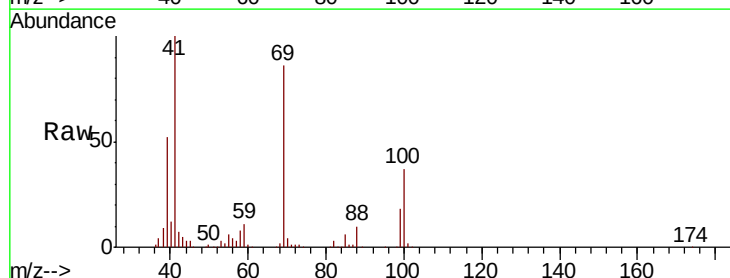
Tgt Ion: 41 Resp: 98257

Ion Ratio Lower Upper

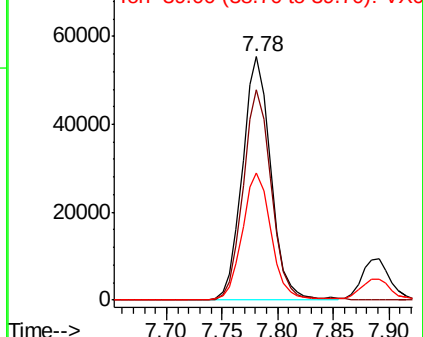
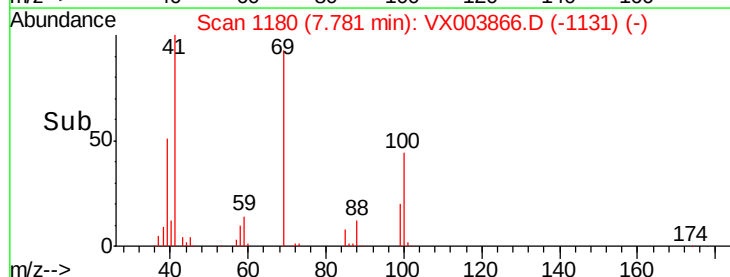
41 100

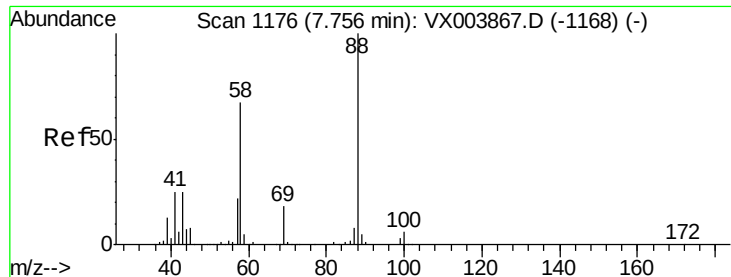
69 86.5 68.8 103.2

39 53.0 42.3 63.5



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

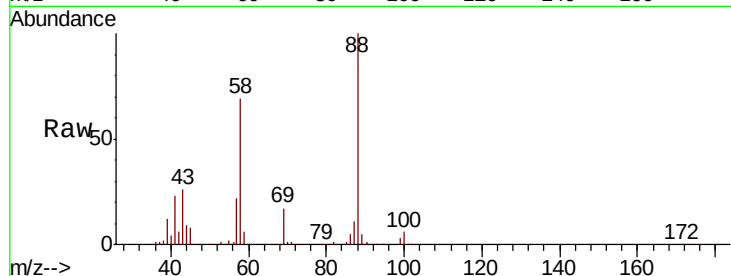




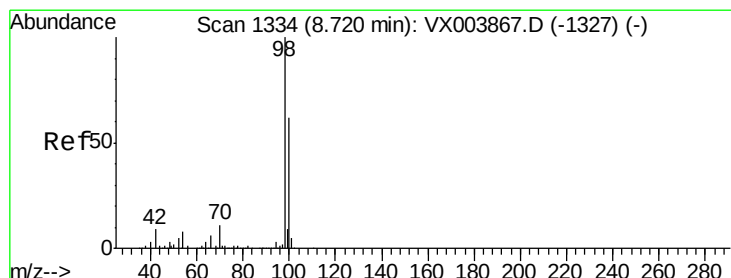
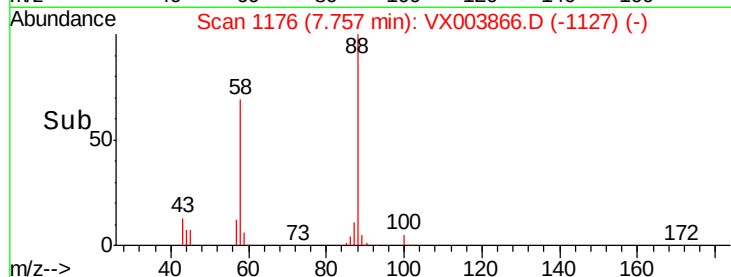
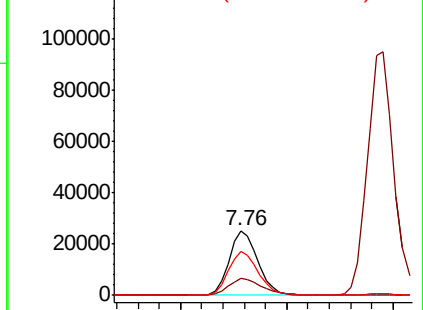
#49
 1,4-Dioxane
 Concen: 401.281 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: VX003866.D
 Acq: 06 Aug 2018 17:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion: 88 Resp: 47874
 Ion Ratio Lower Upper
 88 100
 43 31.3 23.8 35.8
 58 70.8 55.4 83.0

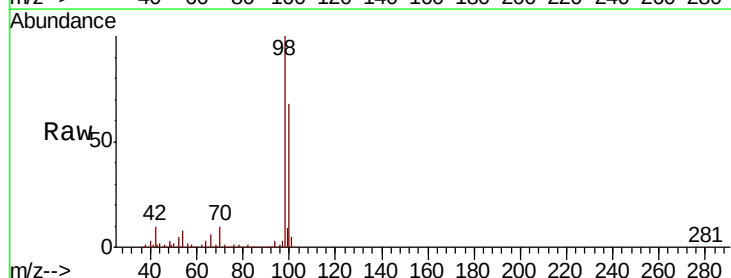


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

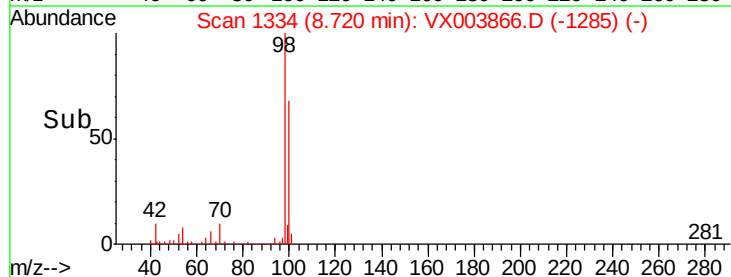
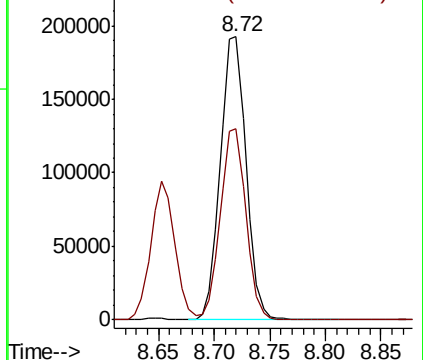


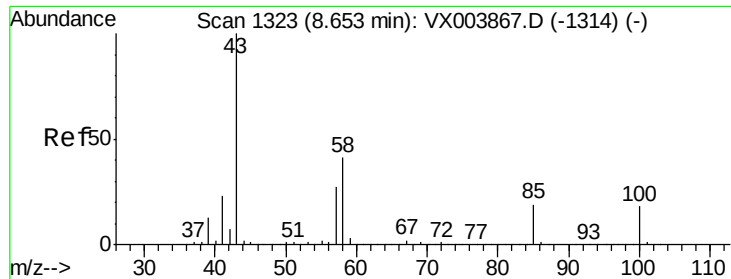
#50
 Toluene-d8
 Concen: 19.034 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003866.D
 Acq: 06 Aug 2018 17:20

Tgt Ion: 98 Resp: 307910
 Ion Ratio Lower Upper
 98 100
 100 67.2 53.3 79.9



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





#51

4-Methyl-2-Pentanone

Concen: 99.143 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

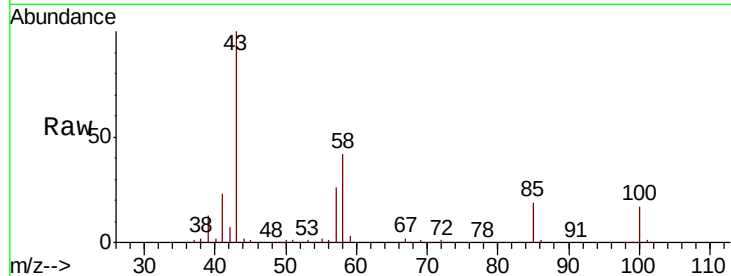
VSTDIC020

Tot Ion: 43 Resp: 824056

Ion Ratio Lower Upper

43 100

58 41.2 33.0 49.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

500000

400000

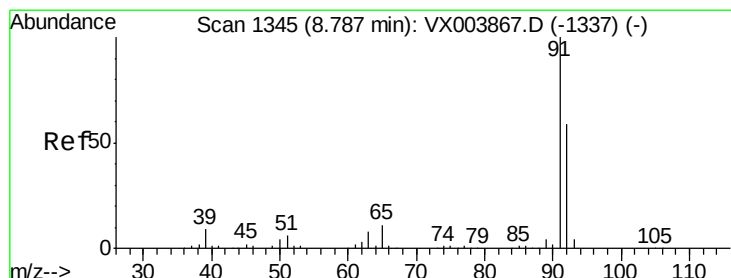
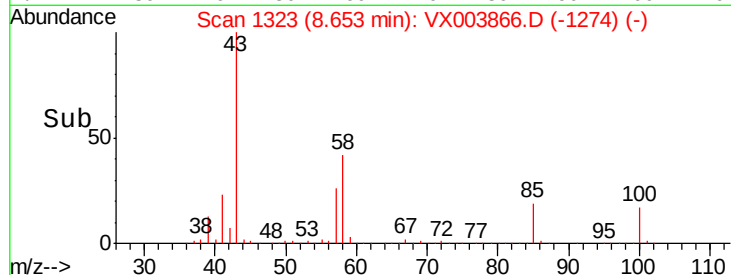
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 20.312 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003866.D

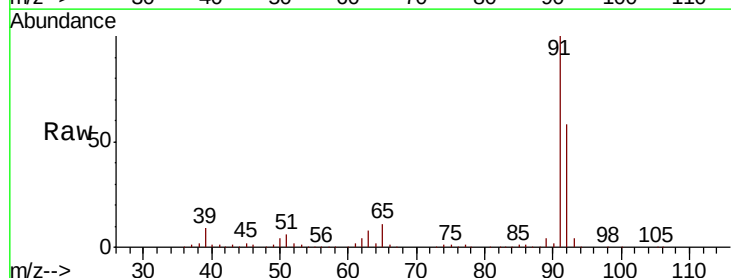
Acq: 06 Aug 2018 17:20

Tgt Ion: 92 Resp: 224656

Ion Ratio Lower Upper

92 100

91 171.5 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

300000

250000

200000

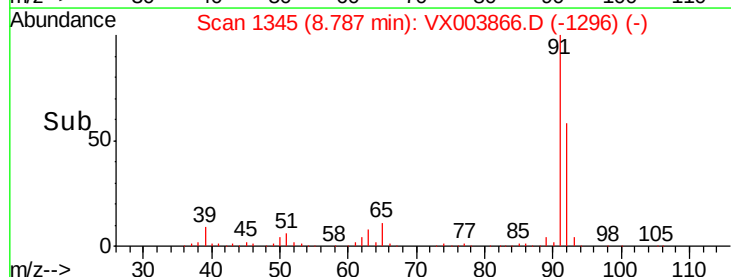
150000

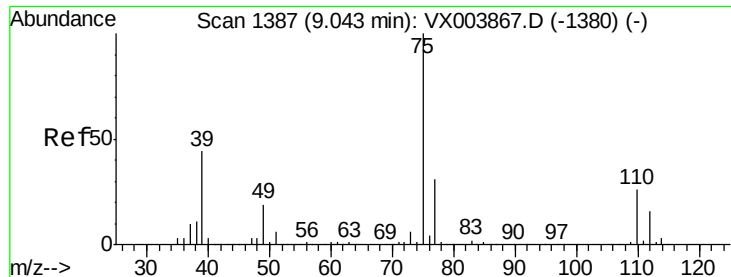
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.034 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

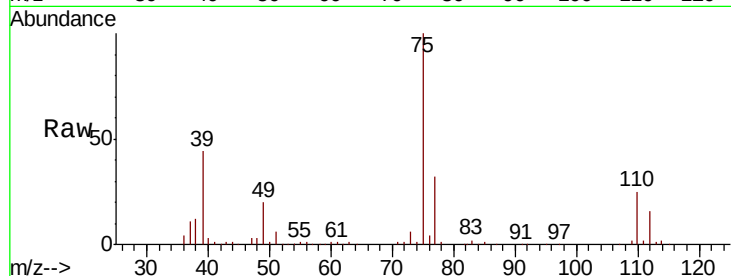
VSTDIC020

Tot Ion: 75 Resp: 123194

Ion Ratio Lower Upper

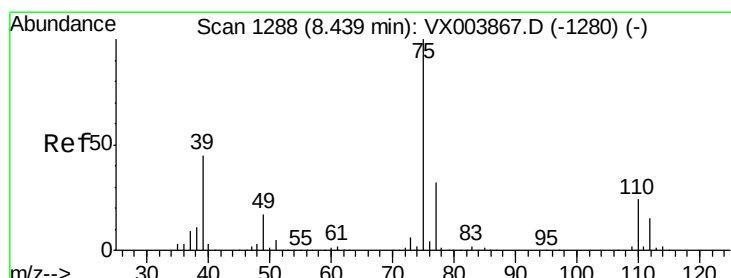
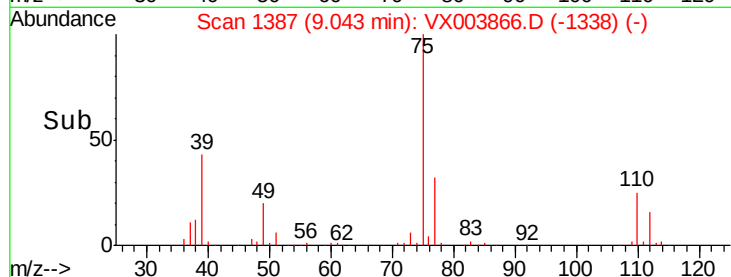
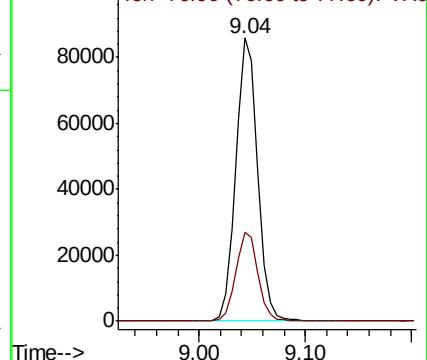
75 100

77 31.6 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.334 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

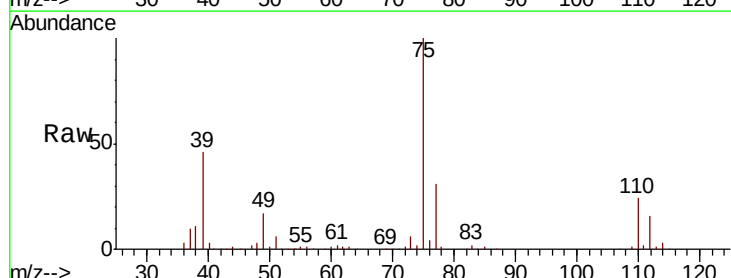
Tgt Ion: 75 Resp: 136445

Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9

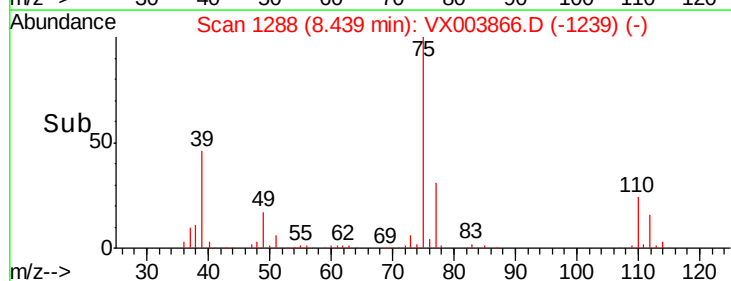
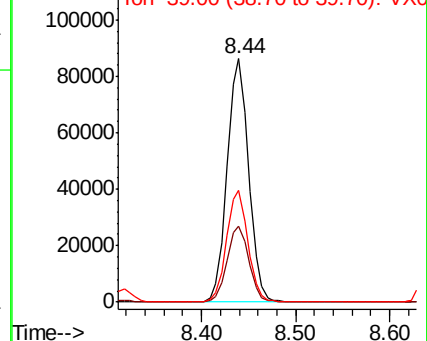
39 45.9 36.2 54.2

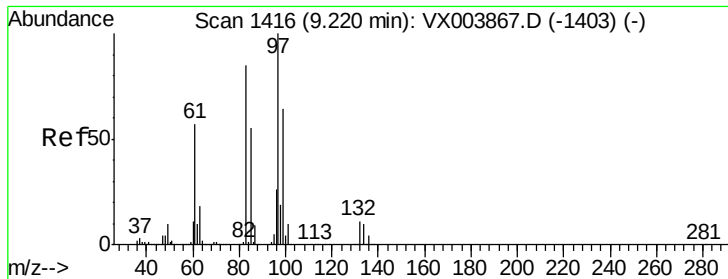


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 19.487 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 97 Resp: 90501

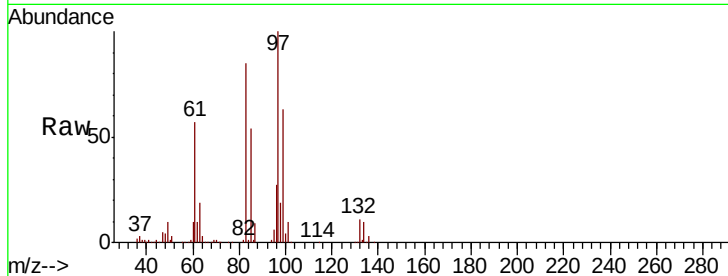
Ion Ratio Lower Upper

97 100

83 84.6 67.8 101.6

85 54.3 44.2 66.2

99 63.4 50.8 76.2

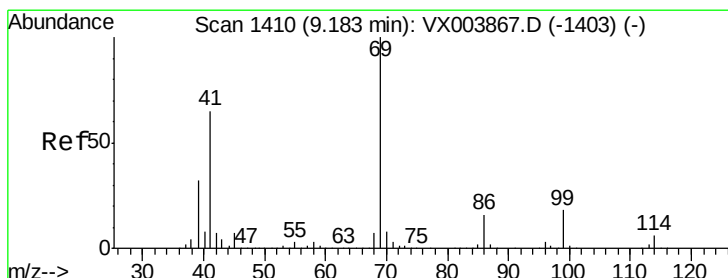
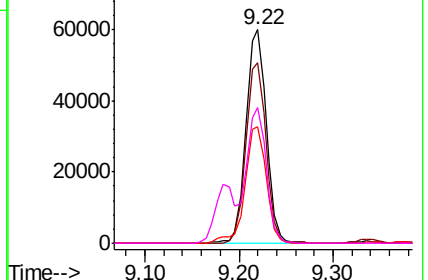
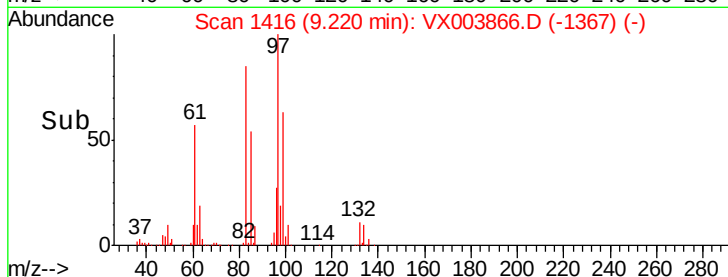


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.938 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

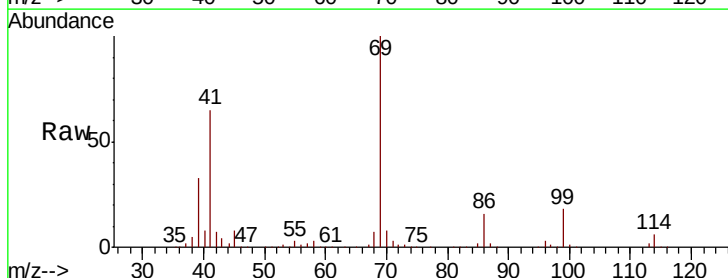
Tgt Ion: 69 Resp: 129772

Ion Ratio Lower Upper

69 100

41 63.0 50.6 76.0

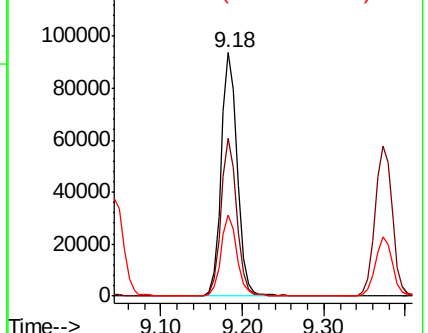
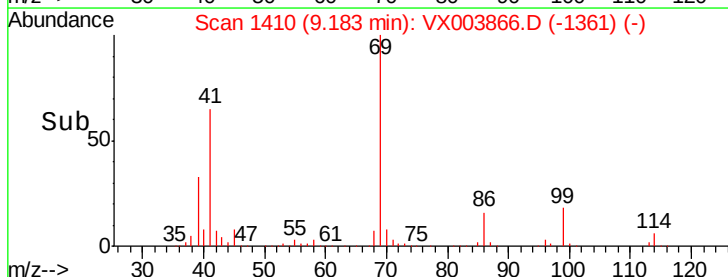
39 32.7 25.8 38.6

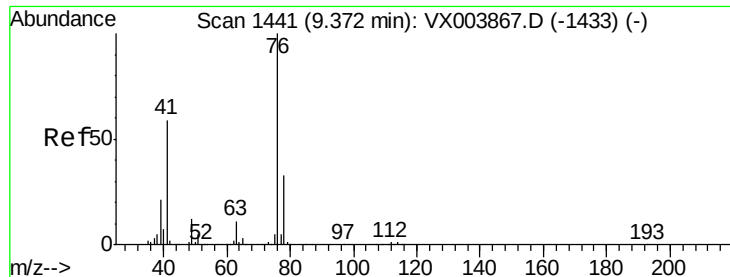


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

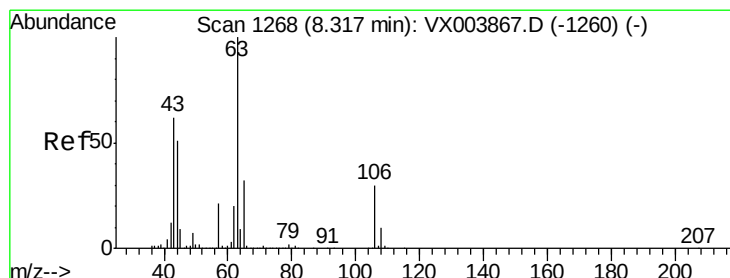
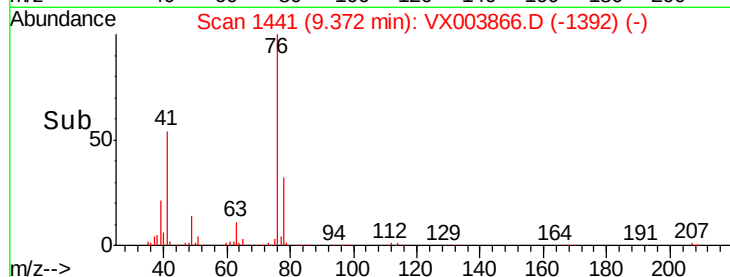
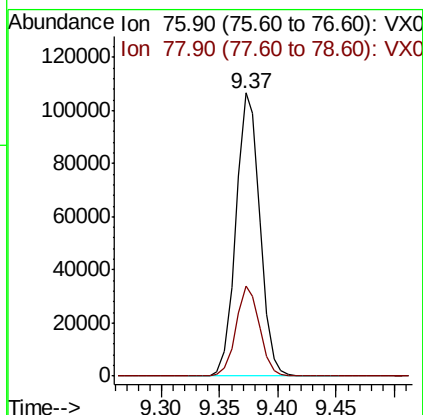
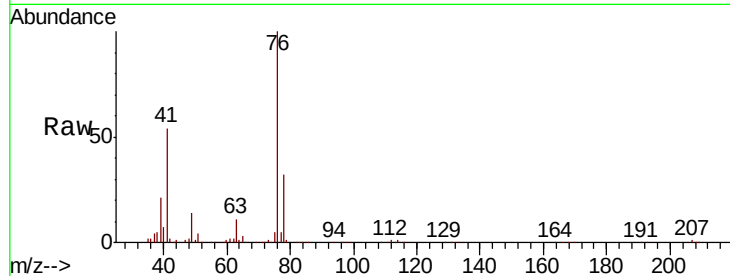




#57
 1,3-Dichloropropane
 Concen: 20.272 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX003866.D
 Acq: 06 Aug 2018 17:20

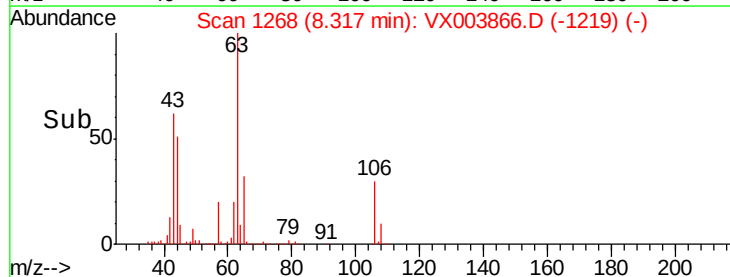
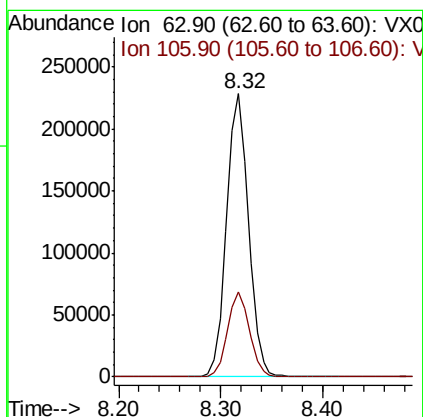
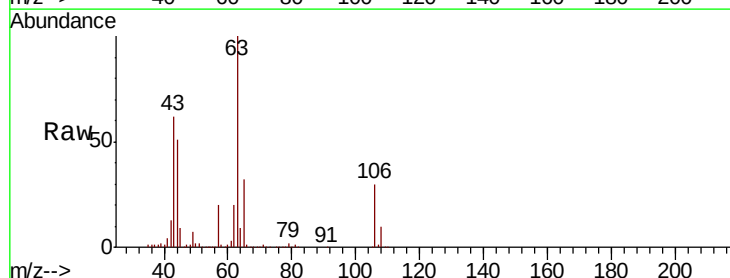
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

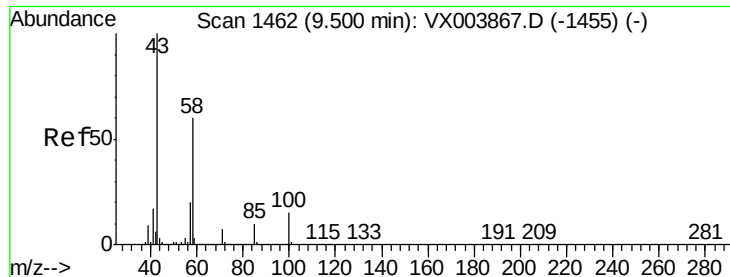
Tot Ion: 76 Resp: 152864
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.281 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003866.D
 Acq: 06 Aug 2018 17:20

Tgt Ion: 63 Resp: 339995
 Ion Ratio Lower Upper
 63 100
 106 29.9 23.8 35.8

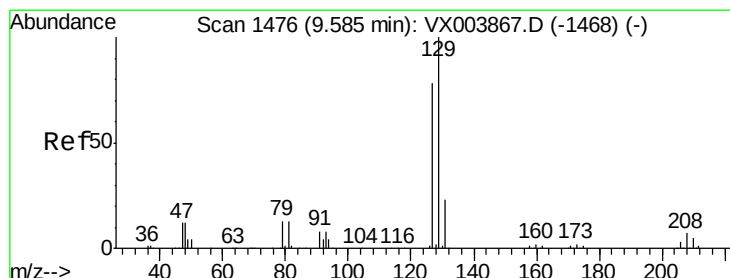
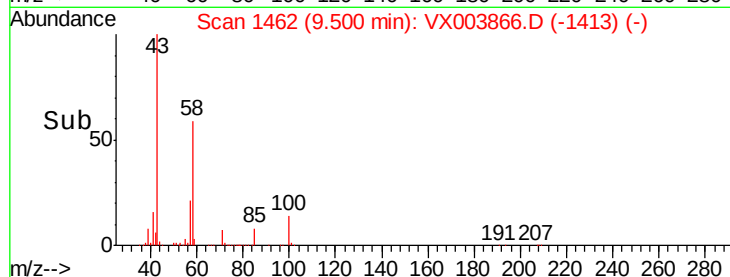
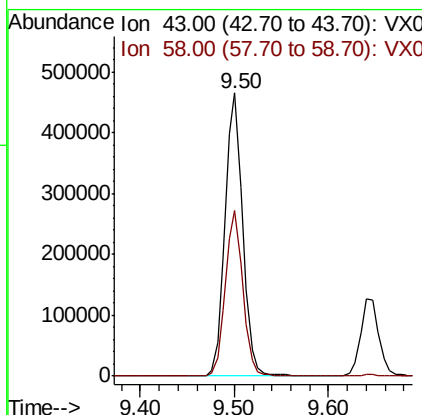
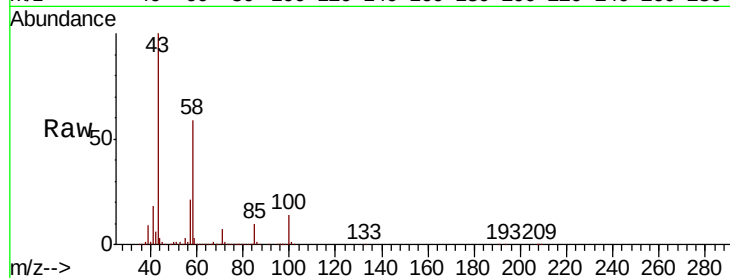




#59
2-Hexanone
Concen: 95.824 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003866.D
Acq: 06 Aug 2018 17:20

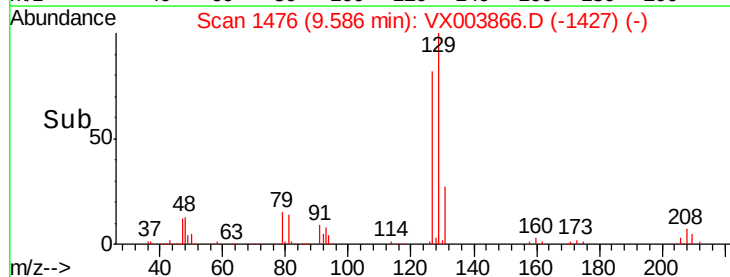
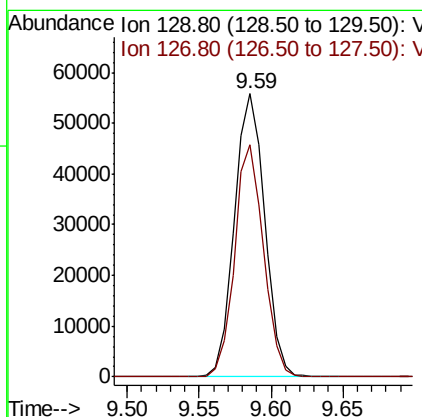
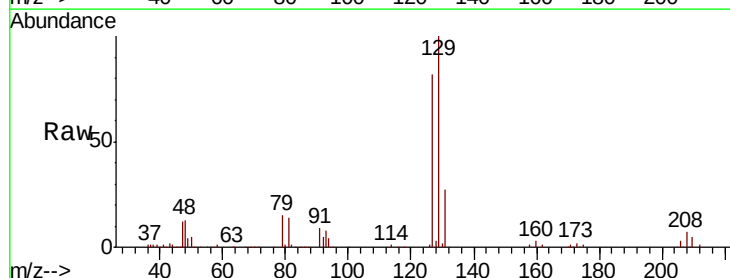
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

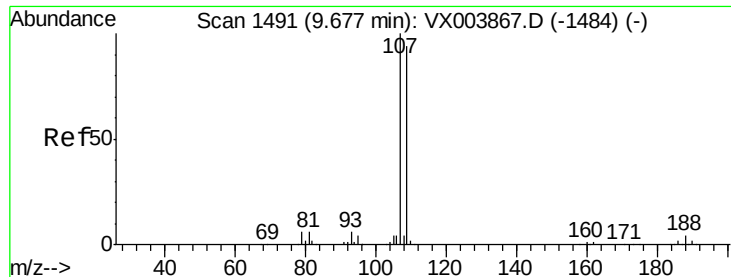
Tot Ion: 43 Resp: 607371
Ion Ratio Lower Upper
43 100
58 58.0 29.0 87.0



#60
Dibromochloromethane
Concen: 18.149 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003866.D
Acq: 06 Aug 2018 17:20

Tgt Ion:129 Resp: 81937
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.3





#61

1,2-Dibromoethane

Concen: 18.568 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

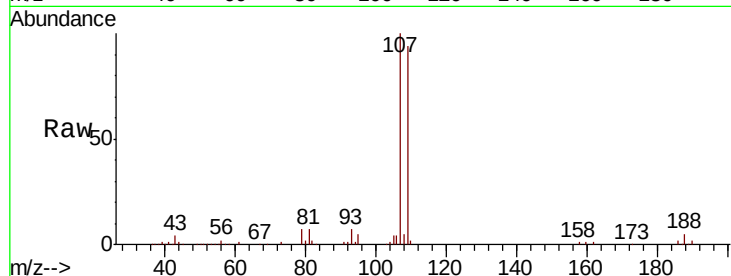
VSTDIC020

Tot Ion:107 Resp: 87845

Ion Ratio Lower Upper

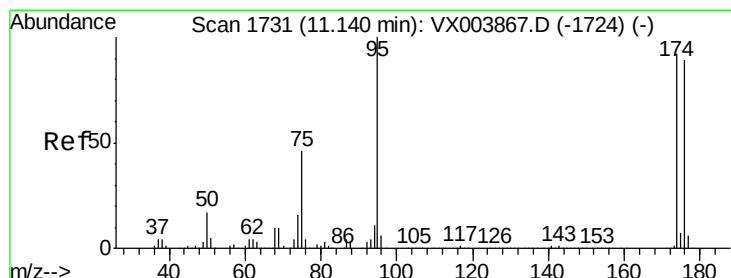
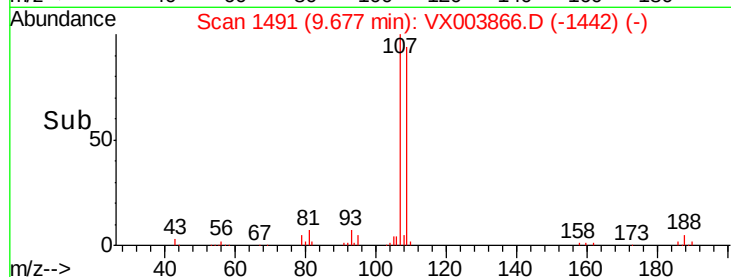
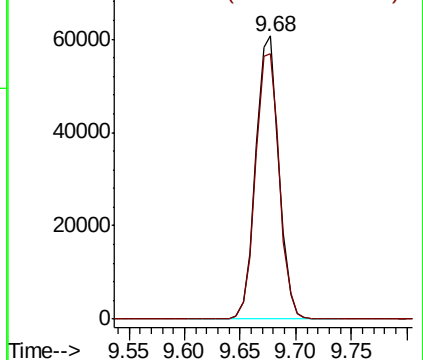
107 100

109 96.9 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 16.279 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

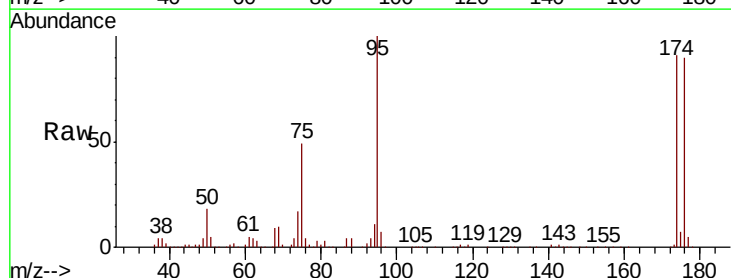
Tgt Ion: 95 Resp: 91972

Ion Ratio Lower Upper

95 100

174 90.6 0.0 182.8

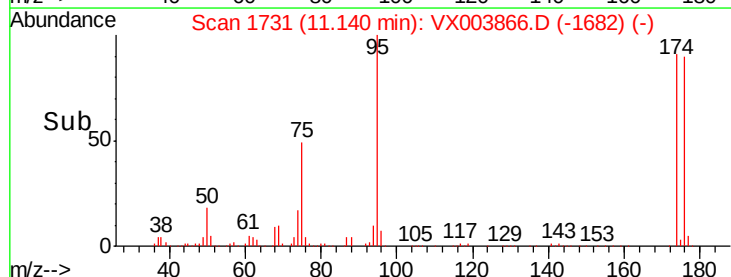
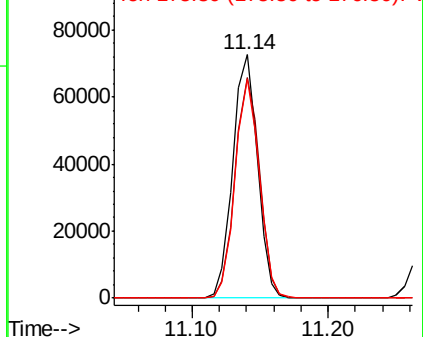
176 88.5 0.0 179.0

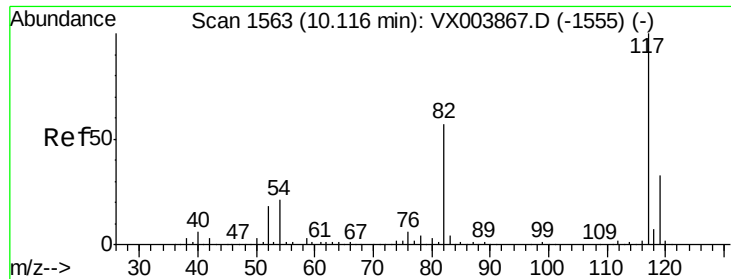


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

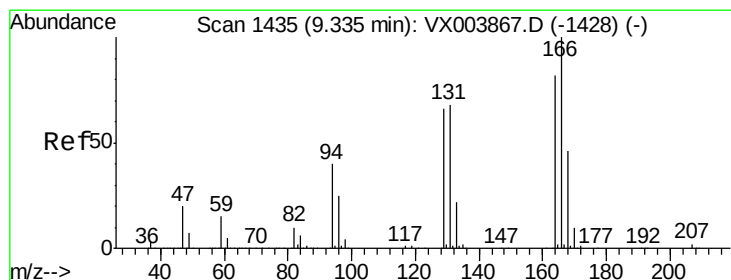
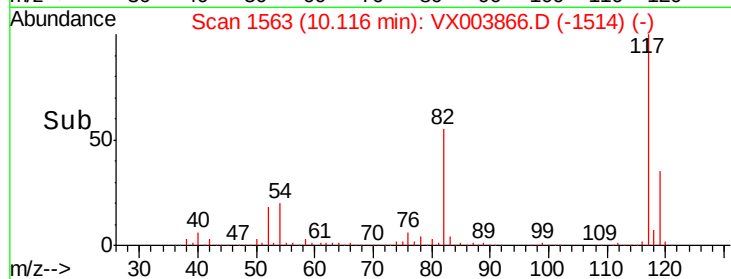
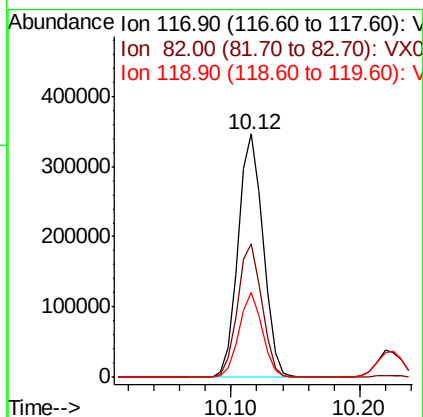
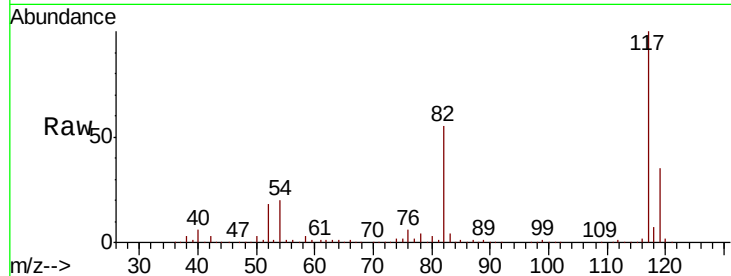




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003866.D
Acq: 06 Aug 2018 17:20

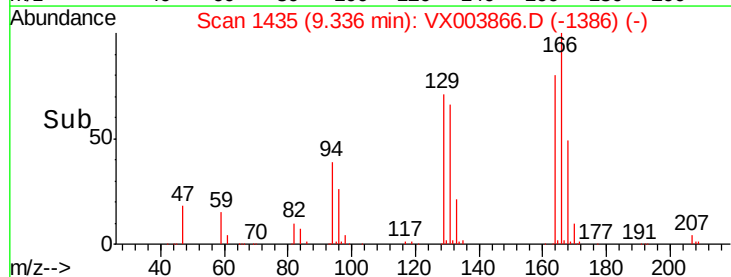
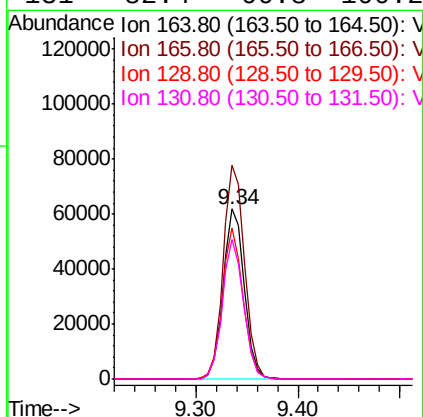
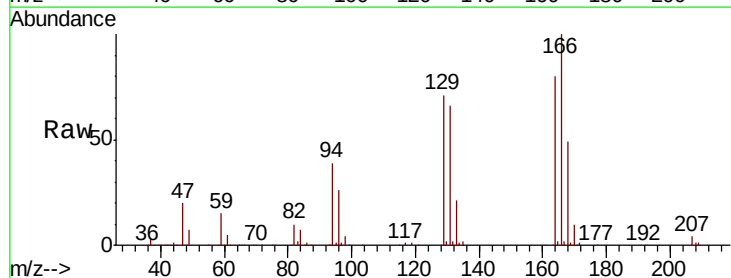
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

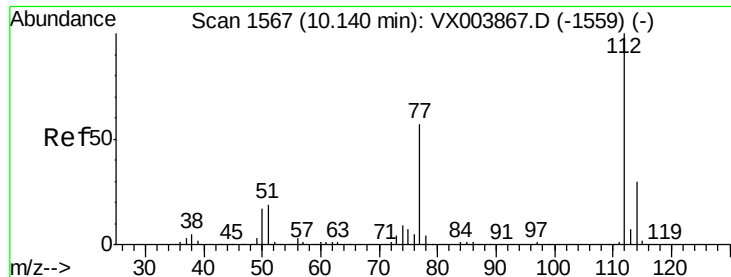
Tot Ion:117 Resp: 465063
Ion Ratio Lower Upper
117 100
82 54.7 45.4 68.0
119 34.7 26.6 40.0



#64
Tetrachloroethene
Concen: 20.625 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003866.D
Acq: 06 Aug 2018 17:20

Tgt Ion:164 Resp: 88813
Ion Ratio Lower Upper
164 100
166 125.7 98.0 147.0
129 89.3 64.3 96.5
131 82.4 66.8 100.2

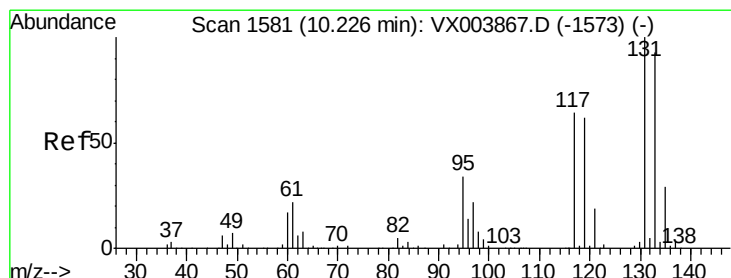
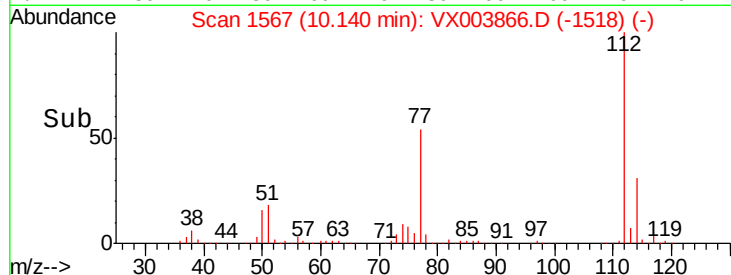
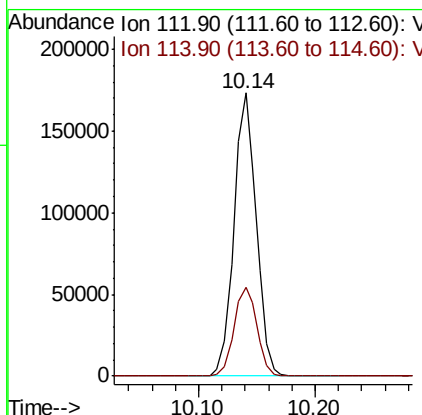
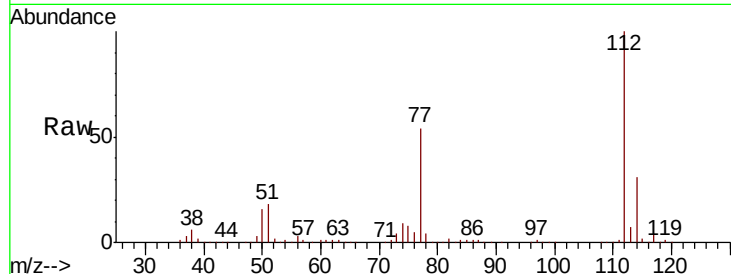




#65
Chlorobenzene
Concen: 19.894 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003866.D
Acq: 06 Aug 2018 17:20

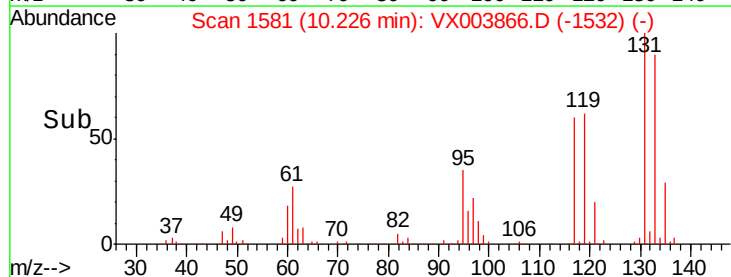
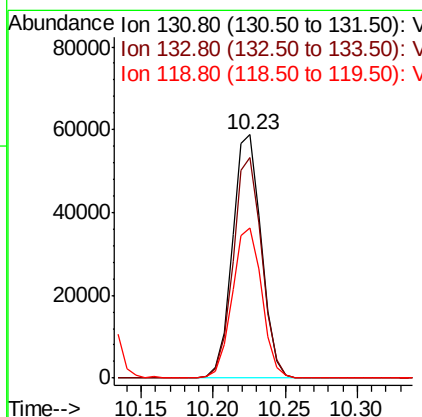
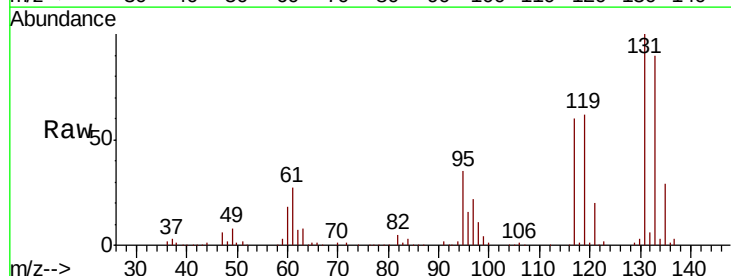
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

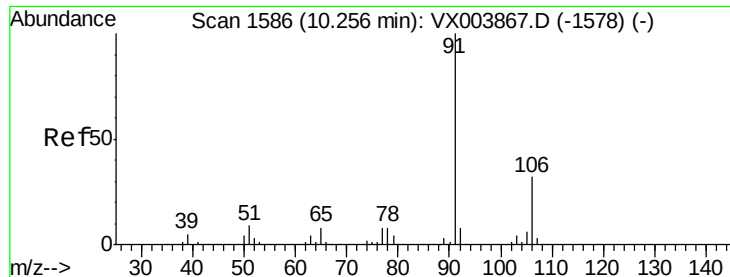
Tot Ion:112 Resp: 230649
Ion Ratio Lower Upper
112 100
114 31.2 23.6 35.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.228 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003866.D
Acq: 06 Aug 2018 17:20

Tgt Ion:131 Resp: 82297
Ion Ratio Lower Upper
131 100
133 90.1 47.3 141.8
119 63.4 31.6 94.8

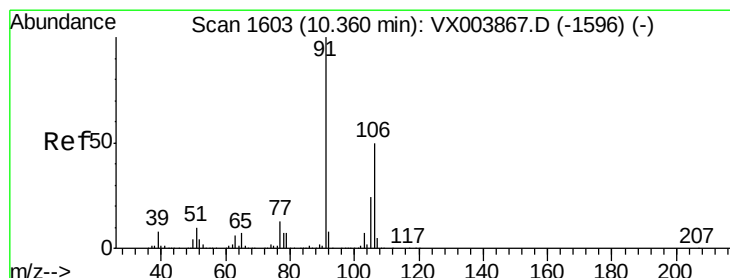
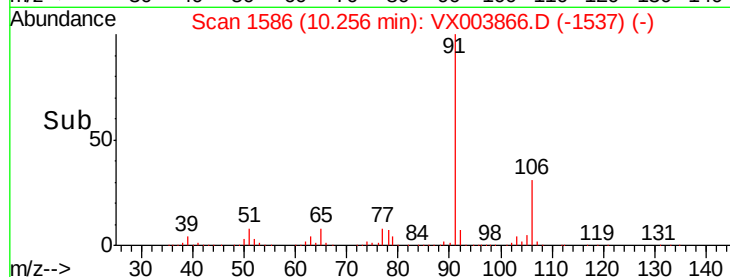
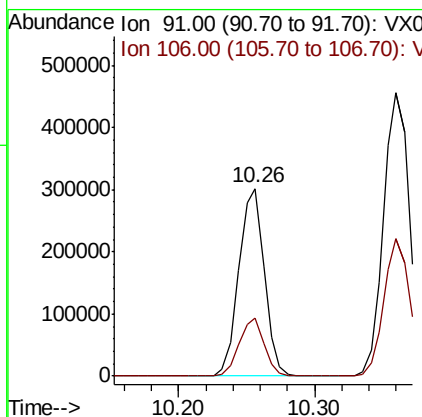
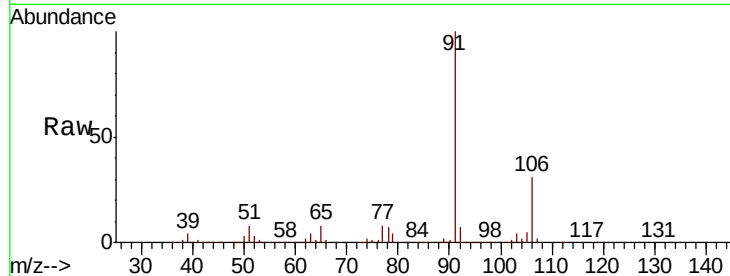




#67
Ethyl Benzene
Concen: 21.183 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003866.D
Acq: 06 Aug 2018 17:20

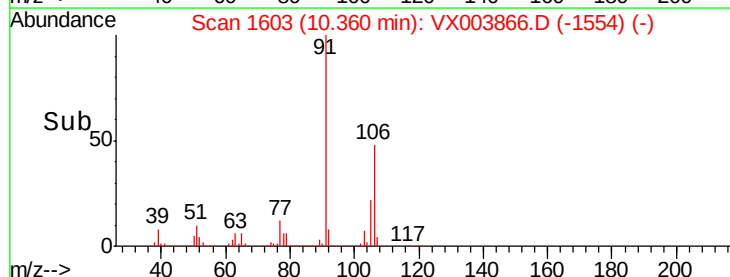
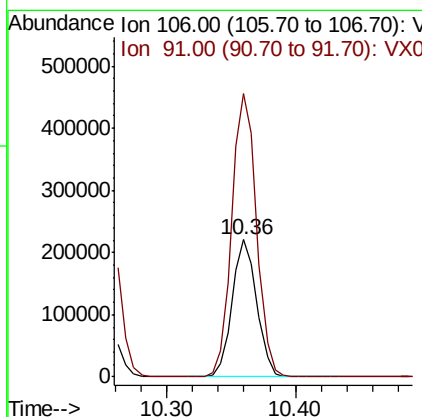
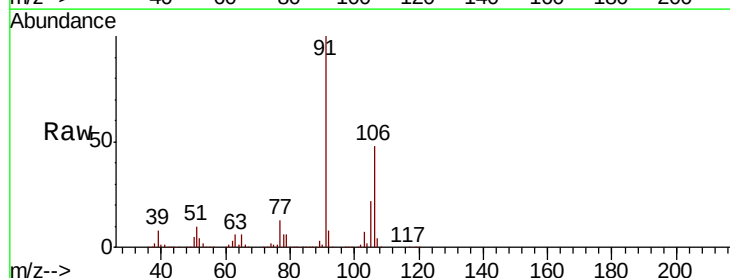
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

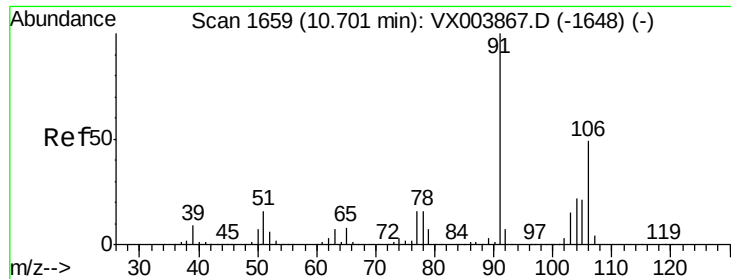
Tot Ion: 91 Resp: 394972
Ion Ratio Lower Upper
91 100
106 30.7 25.9 38.9



#68
m/p-Xylenes
Concen: 40.427 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003866.D
Acq: 06 Aug 2018 17:20

Tgt Ion: 106 Resp: 293970
Ion Ratio Lower Upper
106 100
91 208.6 162.3 243.5

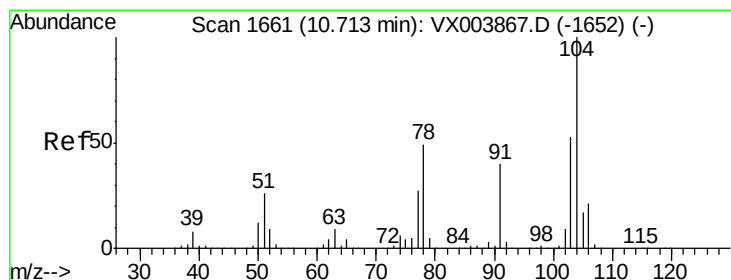
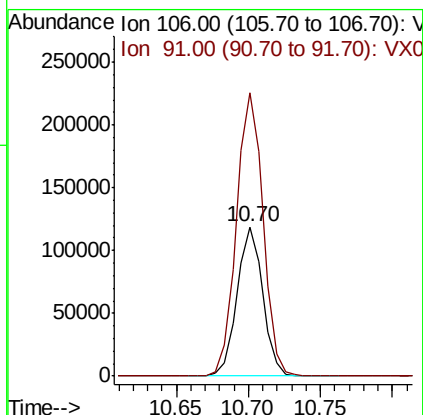
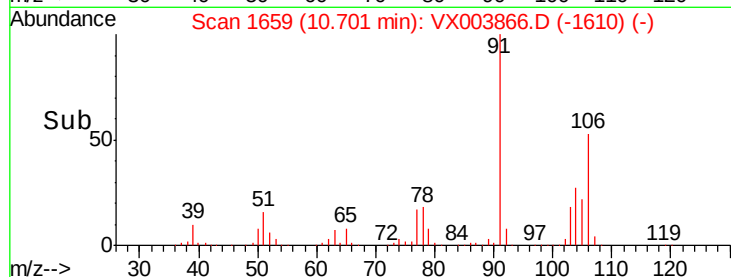
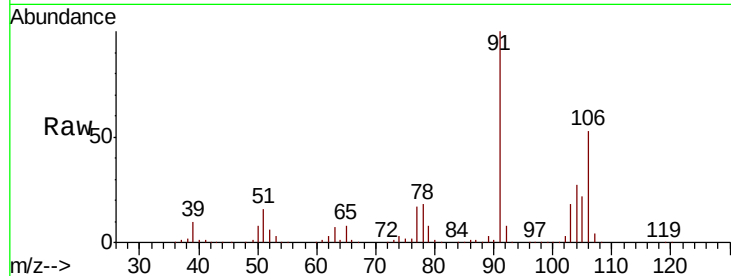




#69
o-Xylene
Concen: 21.132 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003866.D
Acq: 06 Aug 2018 17:20

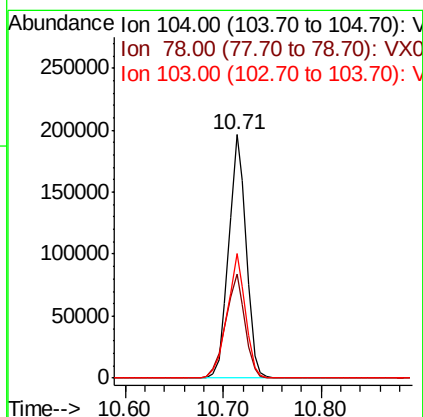
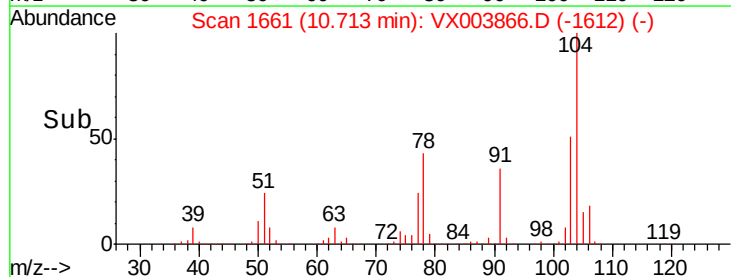
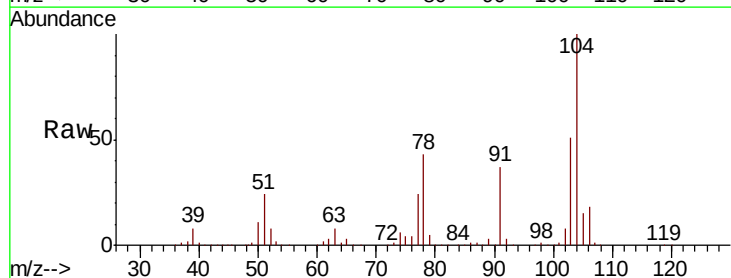
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

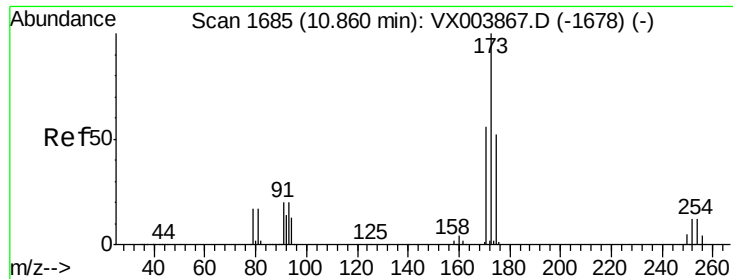
Tot Ion:106 Resp: 147581
Ion Ratio Lower Upper
106 100
91 197.5 101.9 305.7



#70
Styrene
Concen: 21.271 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003866.D
Acq: 06 Aug 2018 17:20

Tgt Ion:104 Resp: 244465
Ion Ratio Lower Upper
104 100
78 47.3 39.8 59.6
103 53.5 44.3 66.5





#71

Bromoform

Concen: 17.350 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

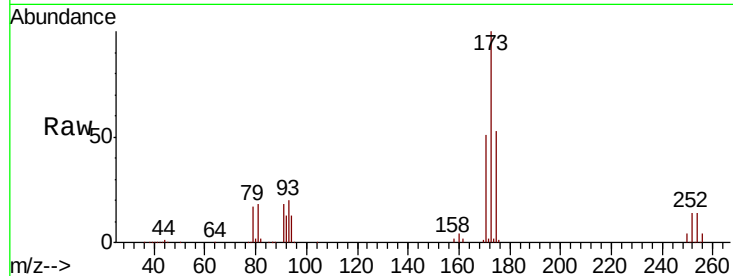
Tot Ion:173 Resp: 57371

Ion Ratio Lower Upper

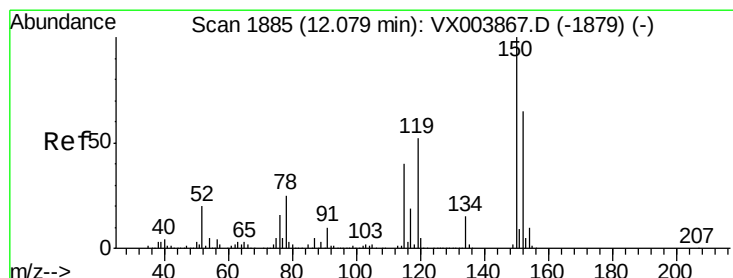
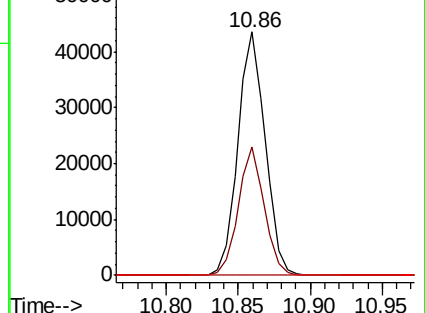
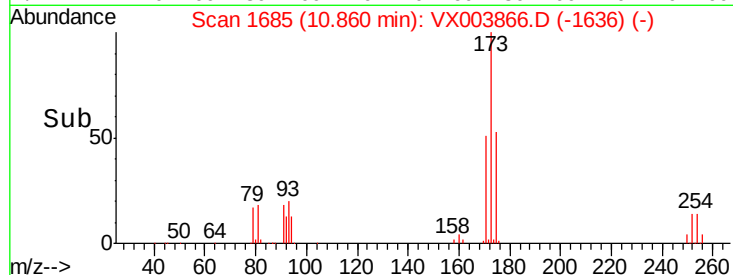
173 100

175 50.2 24.9 74.7

254 0.2 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# 1885

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

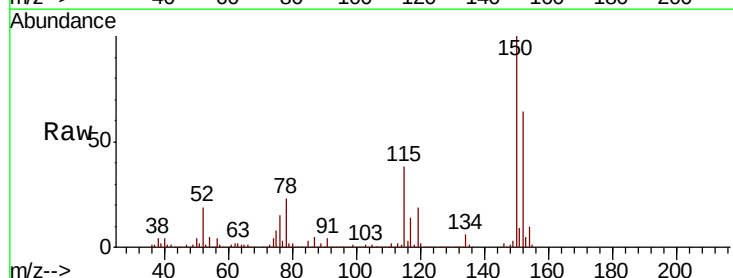
Tgt Ion:152 Resp: 251153

Ion Ratio Lower Upper

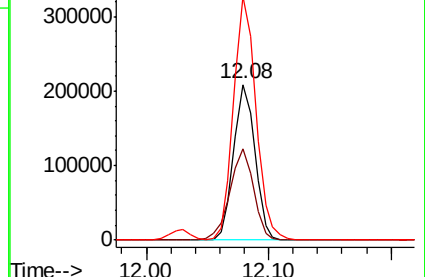
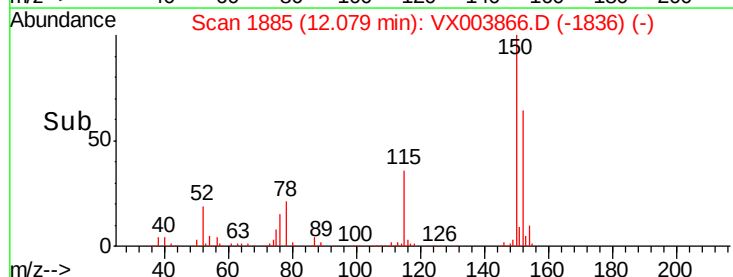
152 100

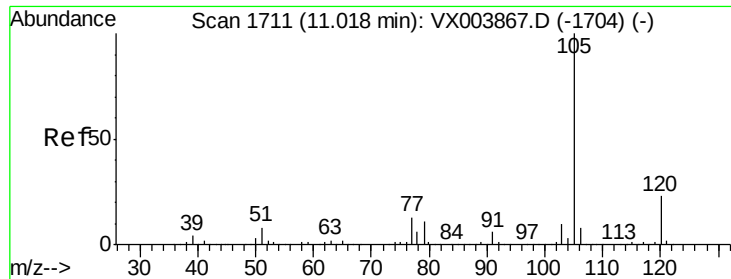
115 65.1 39.1 117.3

150 164.2 0.0 349.2



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





#73

Isopropylbenzene

Concen: 21.270 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

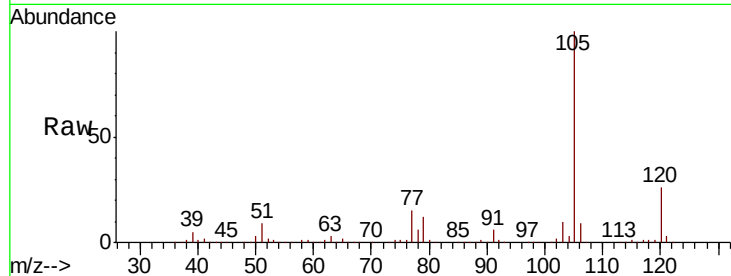
VSTDIC020

Tot Ion:105 Resp: 356870

Ion Ratio Lower Upper

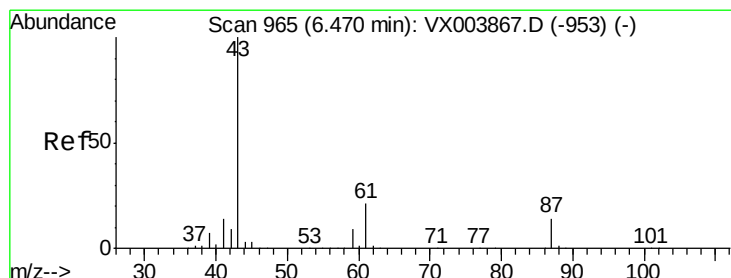
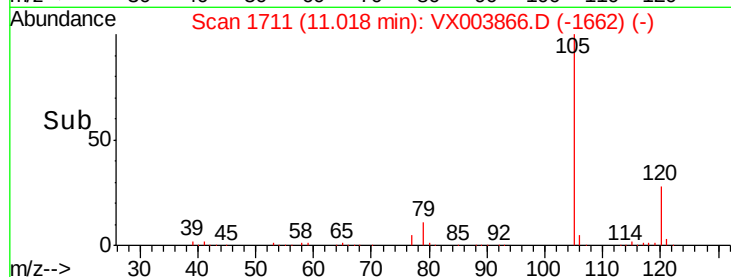
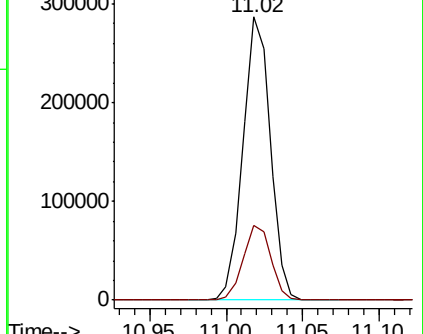
105 100

120 26.8 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 23.277 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

Tgt Ion: 43 Resp: 191476

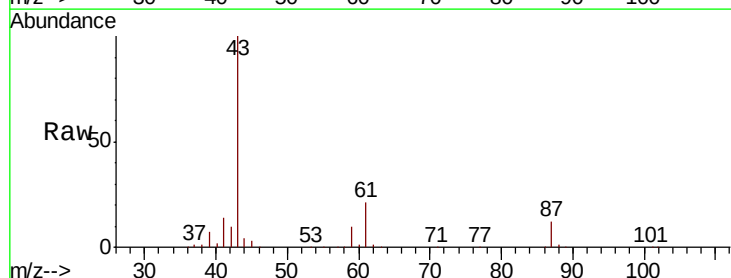
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 20.7 16.9 25.3

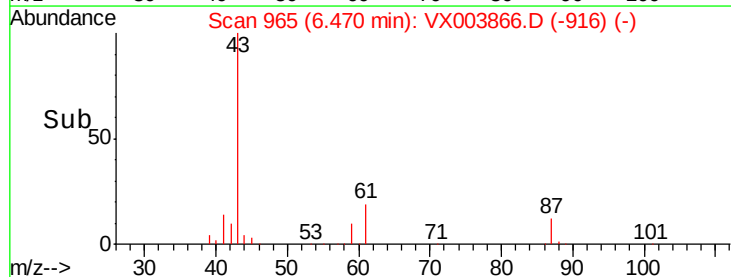
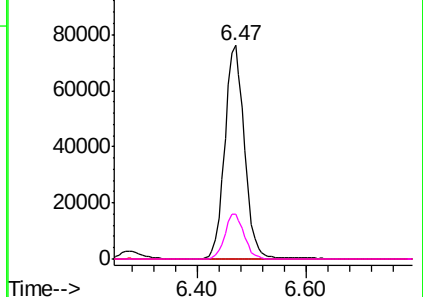


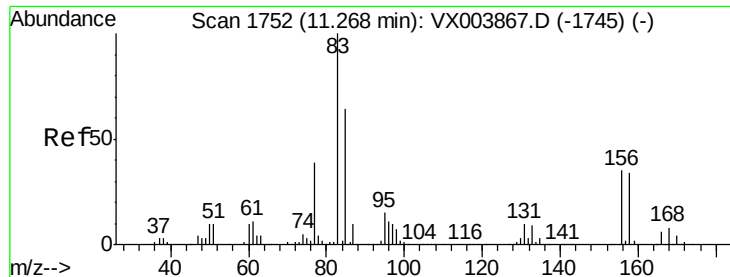
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.562 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

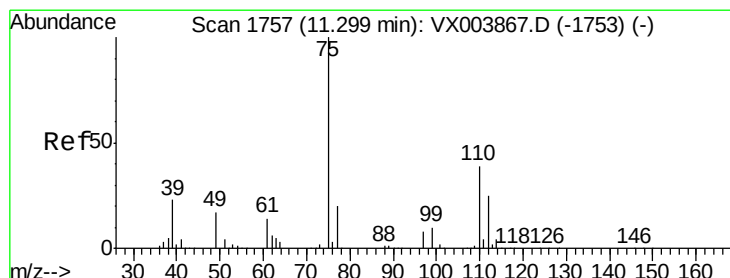
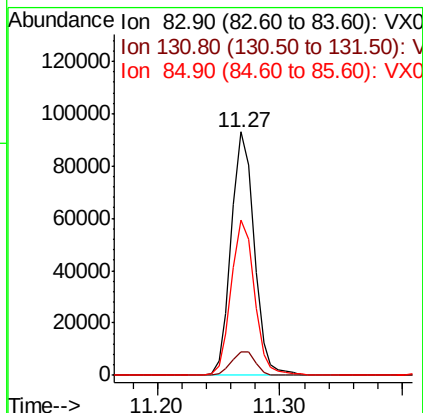
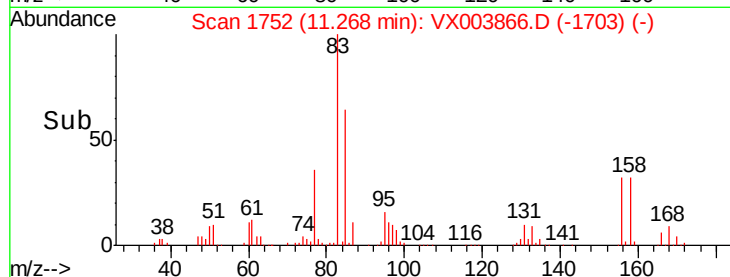
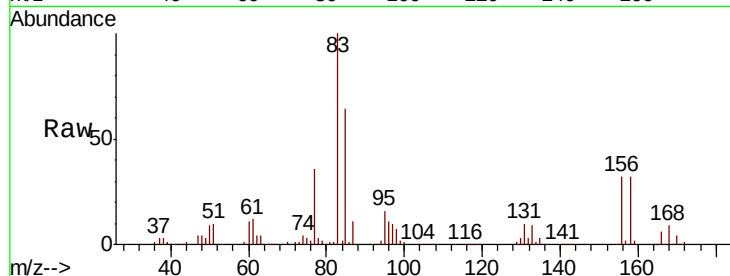
Tot Ion: 83 Resp: 120838

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

85 64.7 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 27.386 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003866.D

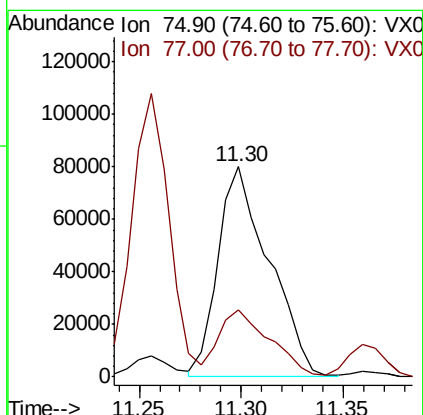
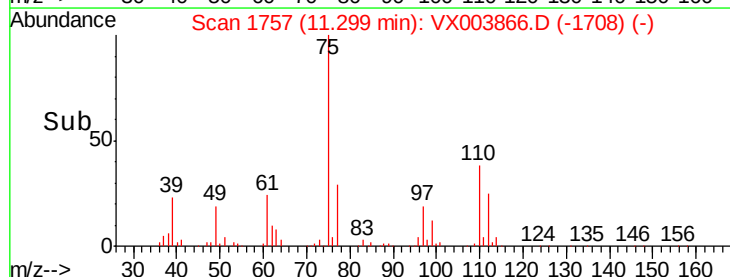
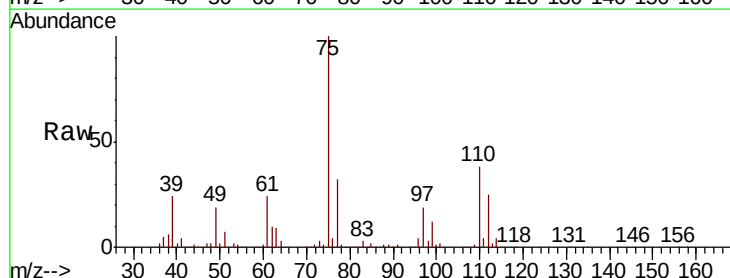
Acq: 06 Aug 2018 17:20

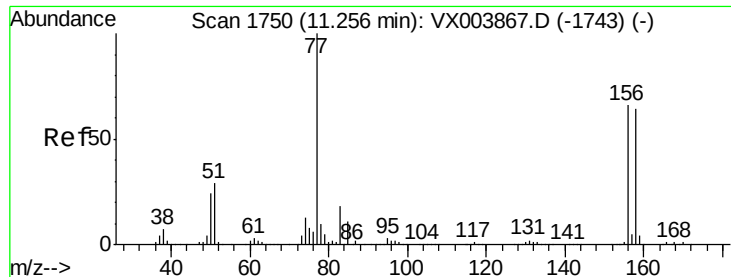
Tgt Ion: 75 Resp: 139459

Ion Ratio Lower Upper

75 100

77 31.9 20.8 62.5





#77

Bromobenzene

Concen: 20.388 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

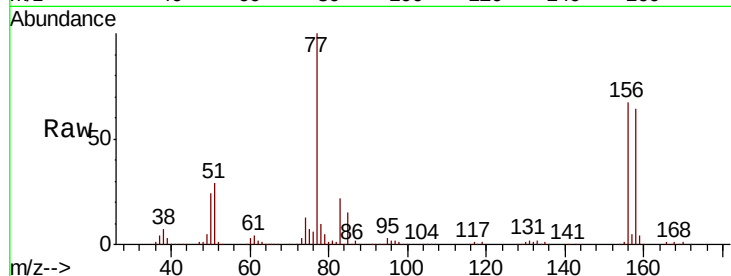
Tot Ion:156 Resp: 93431

Ion Ratio Lower Upper

156 100

77 147.5 74.1 222.2

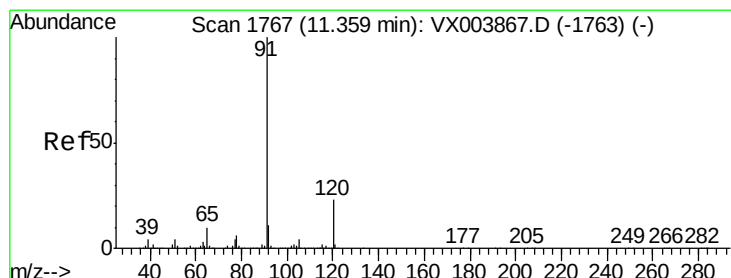
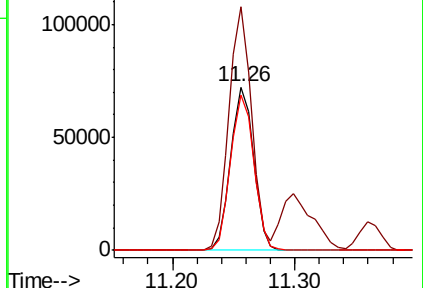
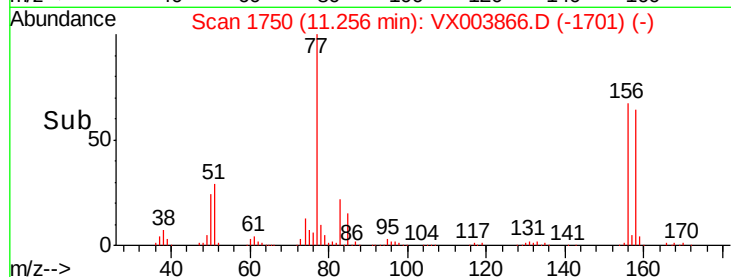
158 96.8 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.911 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003866.D

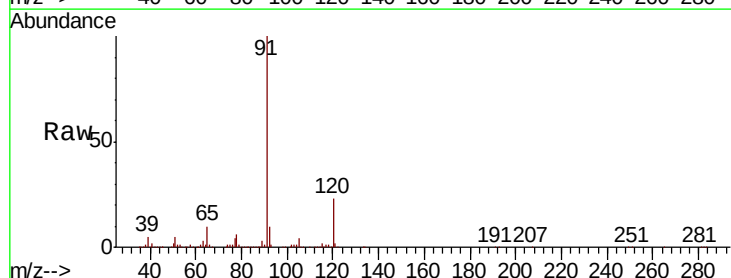
Acq: 06 Aug 2018 17:20

Tgt Ion: 91 Resp: 409370

Ion Ratio Lower Upper

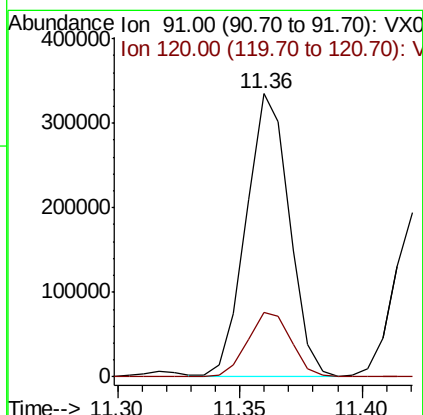
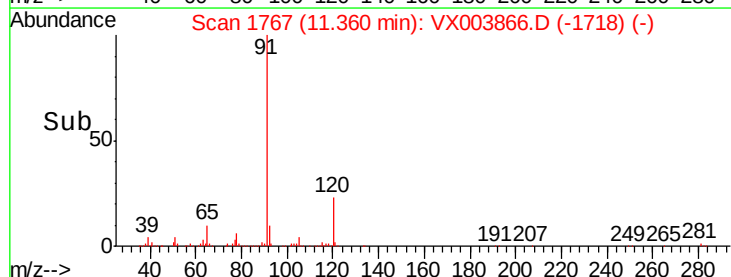
91 100

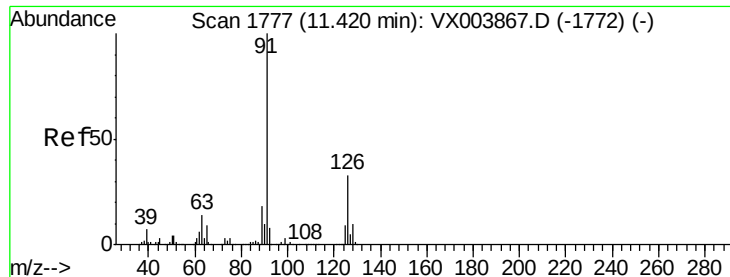
120 23.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.268 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

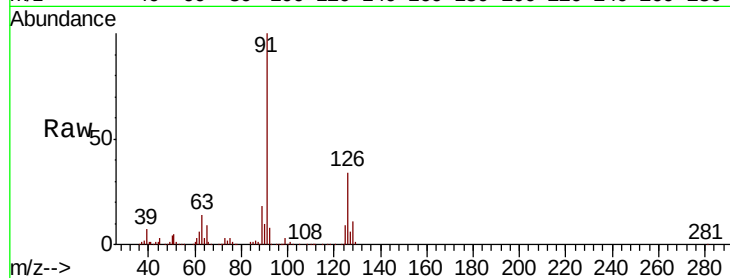
VSTDIC020

Tot Ion: 91 Resp: 242728

Ion Ratio Lower Upper

91 100

126 35.4 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VX003866.D (-1772) (-)

Ion 125.90 (125.60 to 126.60): VX003866.D (-1772) (-)

400000

300000

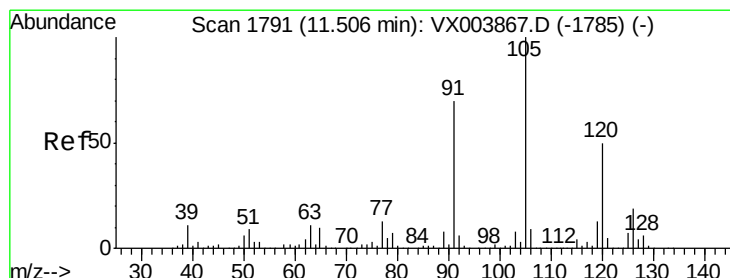
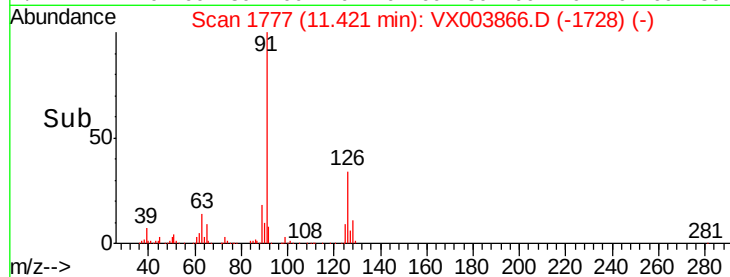
200000

100000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.497 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX003866.D

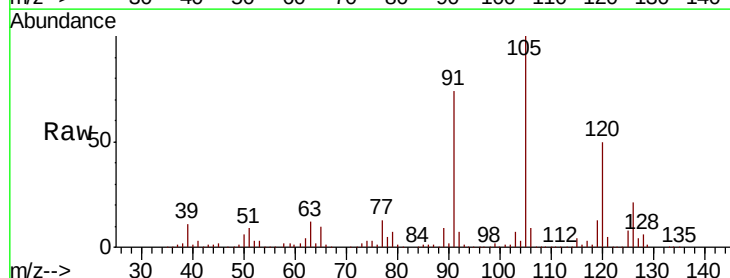
Acq: 06 Aug 2018 17:20

Tgt Ion: 105 Resp: 294582

Ion Ratio Lower Upper

105 100

120 50.8 25.4 76.2



Abundance Ion 105.00 (104.70 to 105.70): VX003866.D (-1742) (-)

Ion 120.00 (119.70 to 120.70): VX003866.D (-1742) (-)

250000

200000

150000

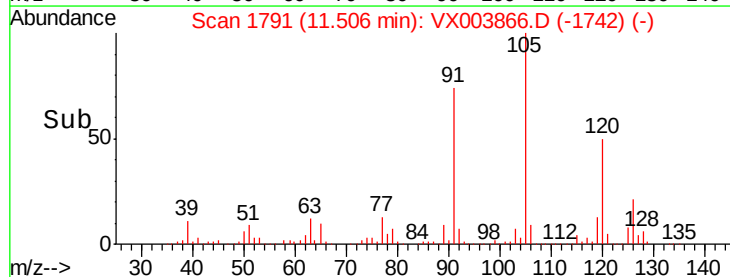
100000

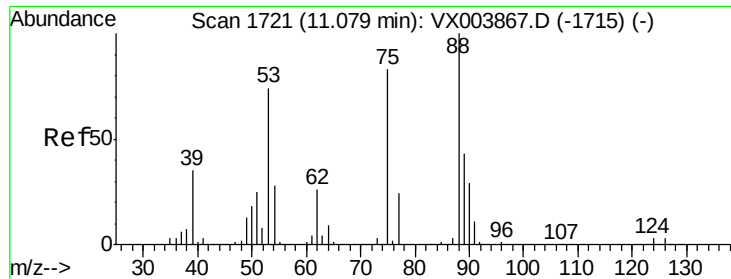
50000

0

11.45 11.50 11.55 11.60

Time-->

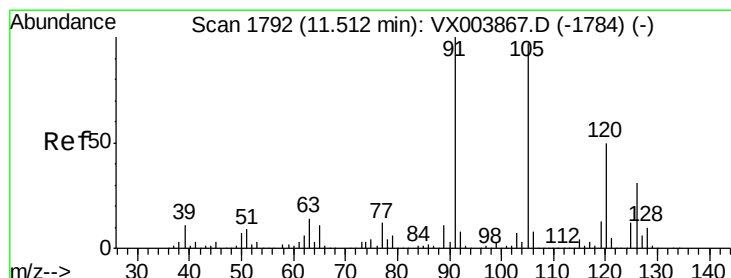
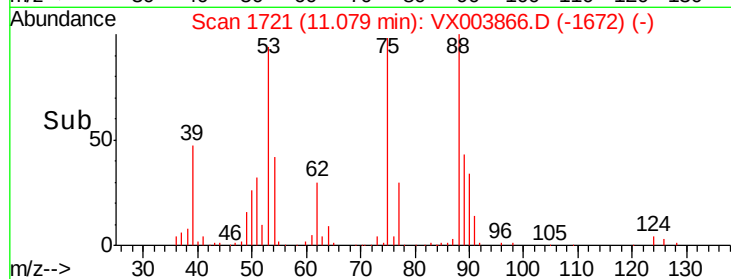
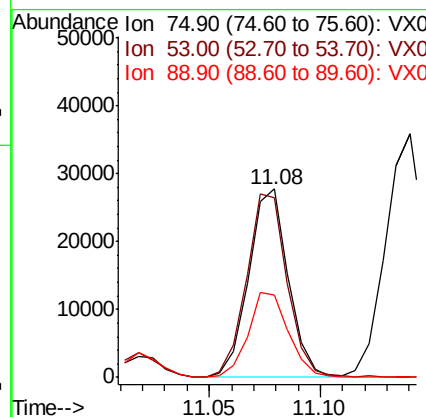
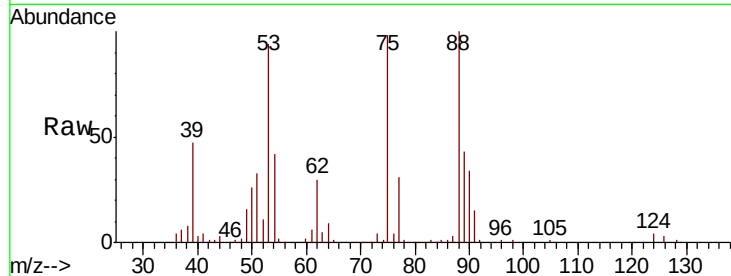




#81
trans-1,4-Dichloro-2-butene
Concen: 21.109 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003866.D
Acq: 06 Aug 2018 17:20

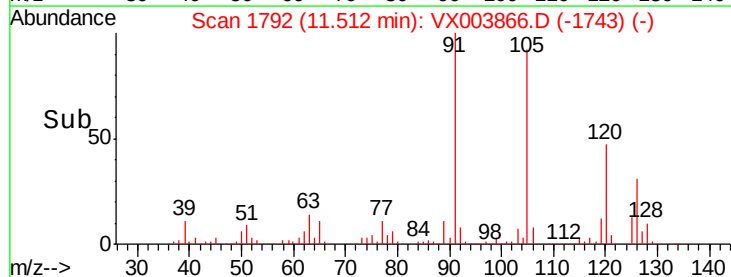
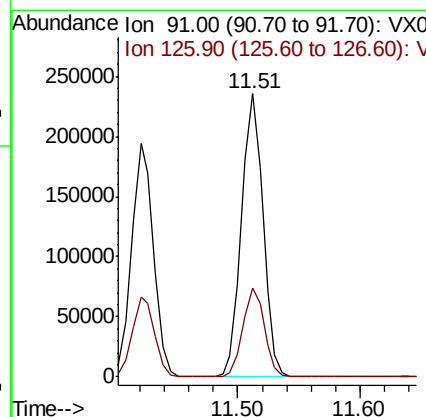
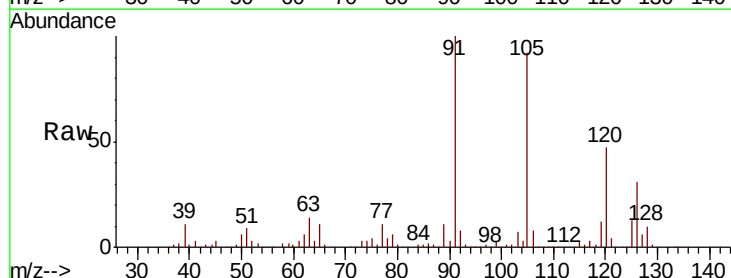
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

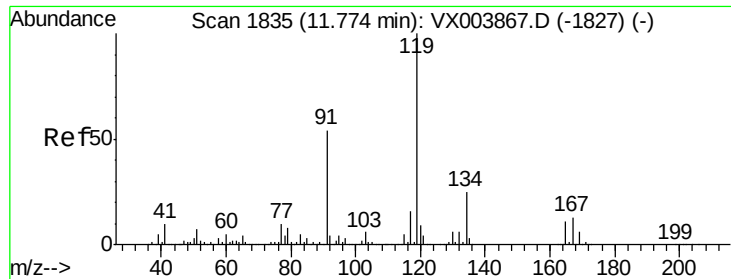
Tot Ion: 75 Resp: 34460
Ion Ratio Lower Upper
75 100
53 99.8 80.3 120.5
89 46.0 37.8 56.8



#82
4-Chlorotoluene
Concen: 21.643 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003866.D
Acq: 06 Aug 2018 17:20

Tgt Ion: 91 Resp: 285907
Ion Ratio Lower Upper
91 100
126 31.0 15.6 46.7

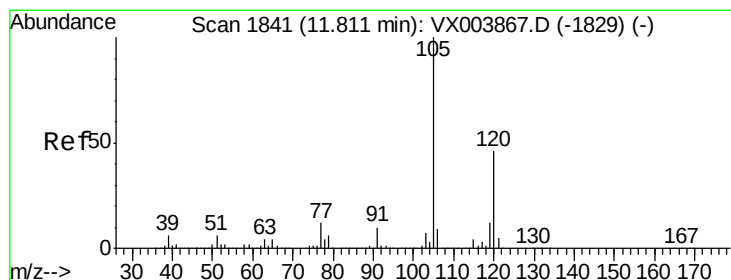
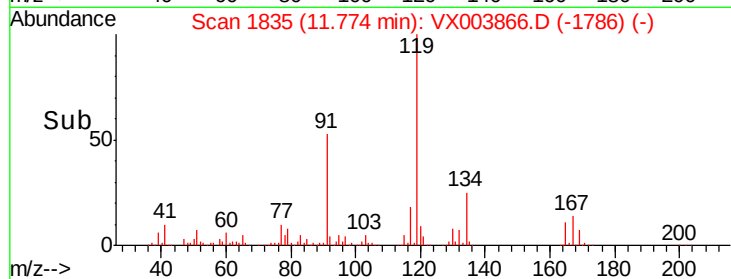
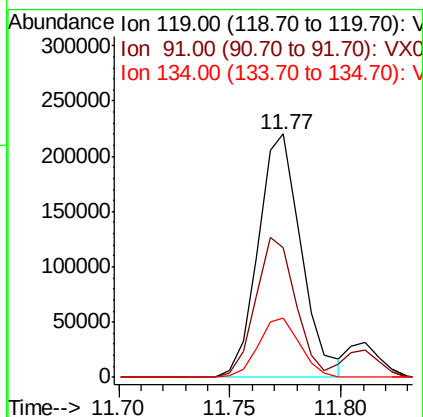
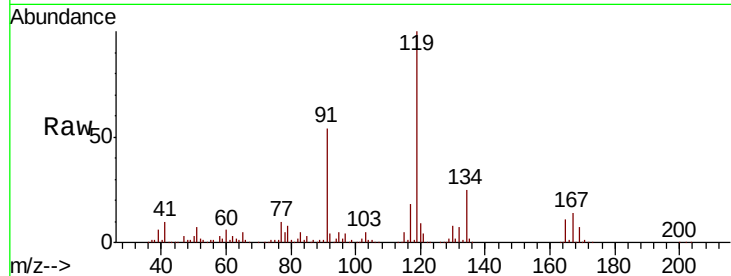




#83
 tert-Butylbenzene
 Concen: 21.222 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003866.D
 Acq: 06 Aug 2018 17:20

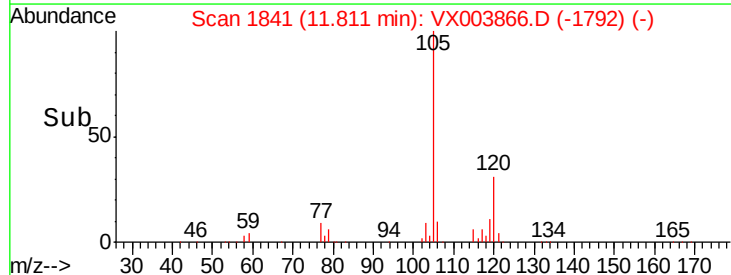
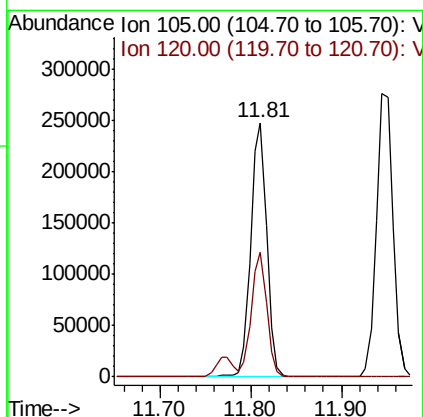
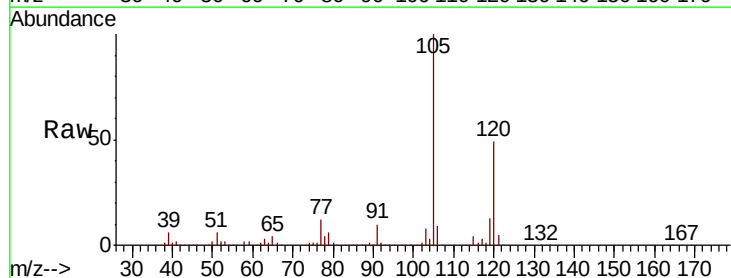
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

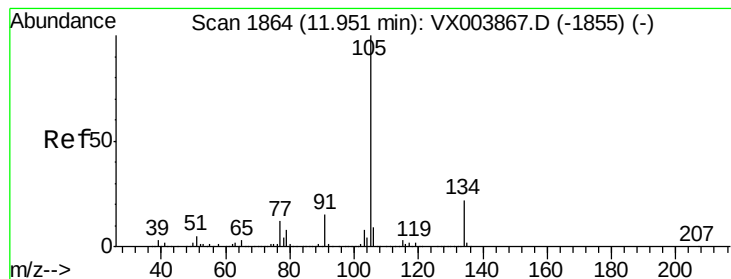
Tot Ion:119 Resp: 294755
 Ion Ratio Lower Upper
 119 100
 91 54.0 26.9 80.7
 134 23.9 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 21.472 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003866.D
 Acq: 06 Aug 2018 17:20

Tgt Ion:105 Resp: 303363
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.1 69.2





#85

sec-Butylbenzene

Concen: 21.554 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.01 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

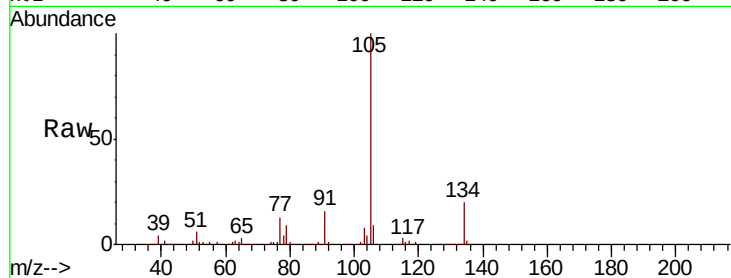
VSTDIC020

Tot Ion:105 Resp: 350030

Ion Ratio Lower Upper

105 100

134 20.8 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

300000

250000

200000

150000

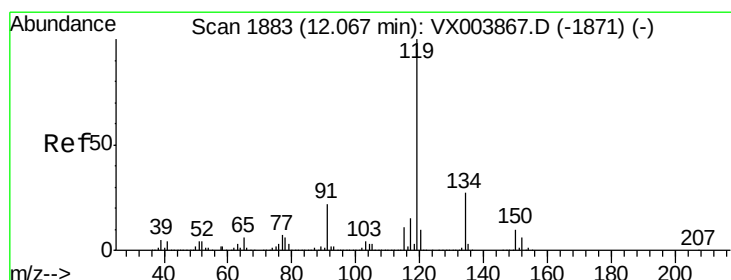
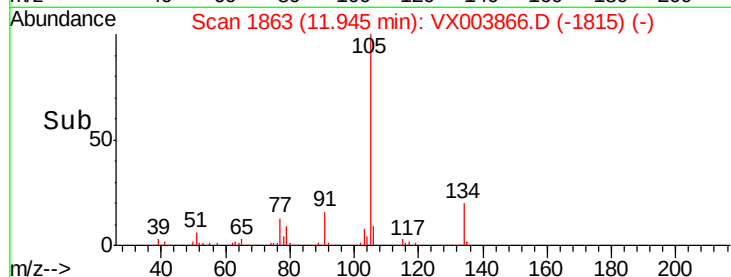
100000

50000

0

Time-->

11.90 12.00



#86

p-Isopropyltoluene

Concen: 21.559 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

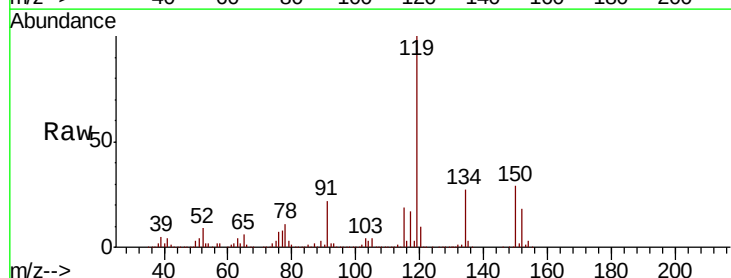
Tgt Ion:119 Resp: 315301

Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 22.3 10.9 32.7



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

12.07

300000

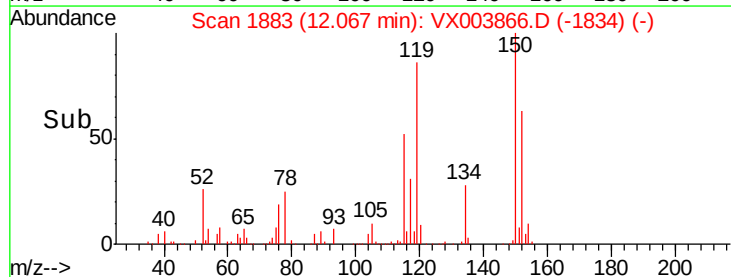
200000

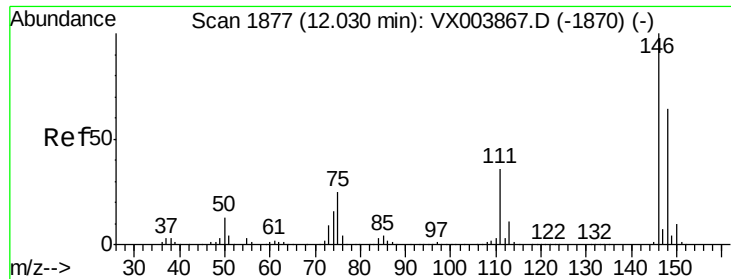
100000

0

Time-->

12.00 12.10 12.20

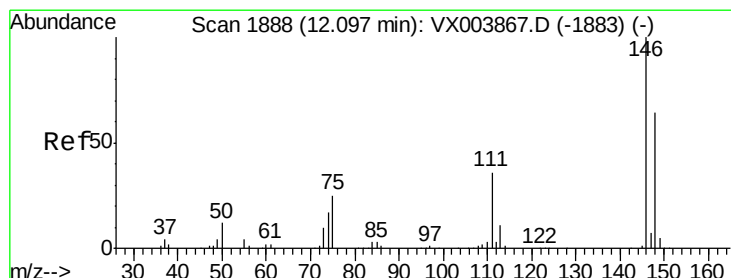
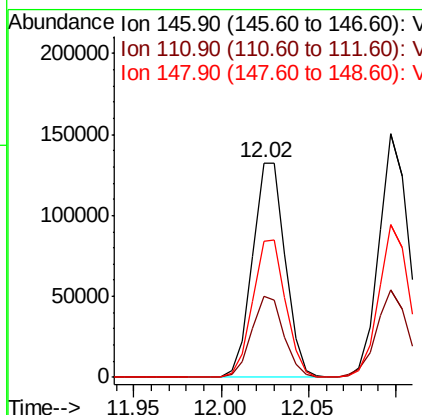
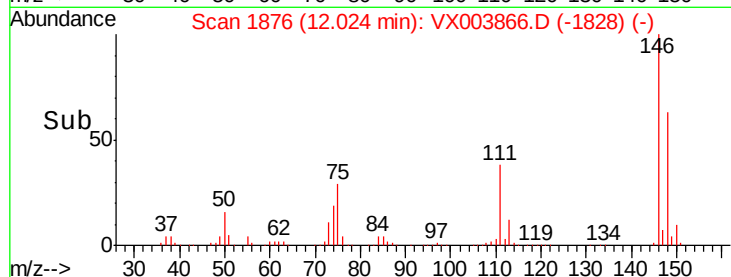
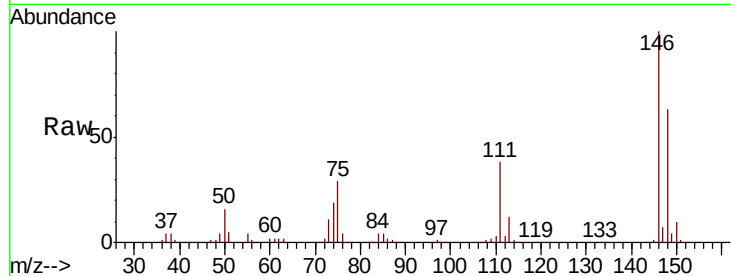




#87
 1,3-Dichlorobenzene
 Concen: 20.136 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: VX003866.D
 Acq: 06 Aug 2018 17:20

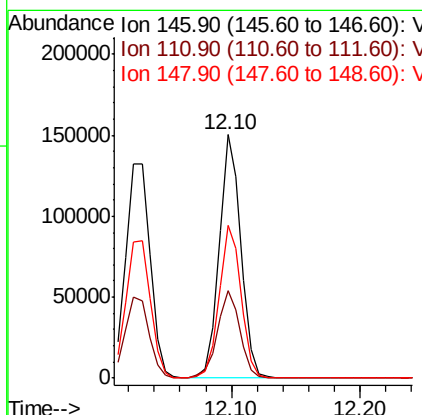
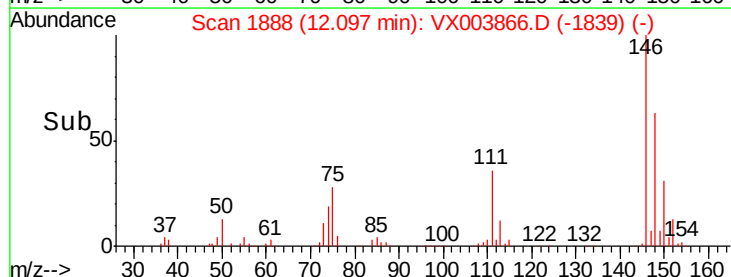
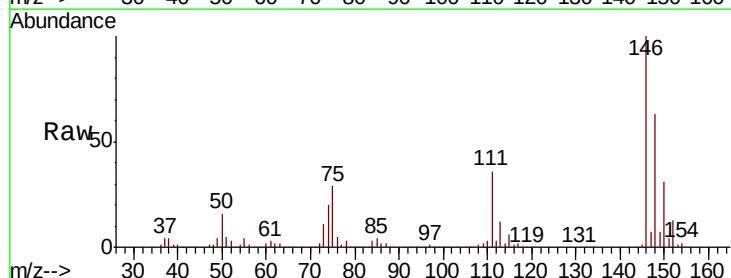
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

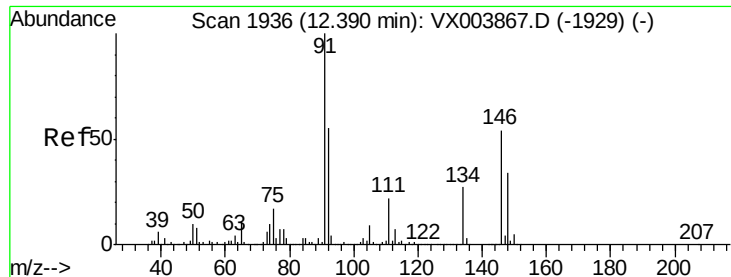
Tot Ion:146 Resp: 172797
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.8 56.4
 148 64.1 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 20.094 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003866.D
 Acq: 06 Aug 2018 17:20

Tgt Ion:146 Resp: 177871
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.4 55.0
 148 63.7 32.3 96.8





#89

n-Butylbenzene

Concen: 20.847 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

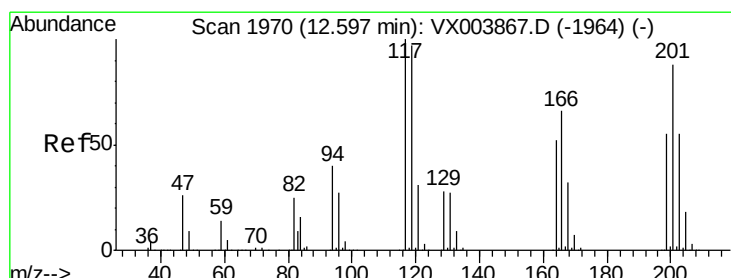
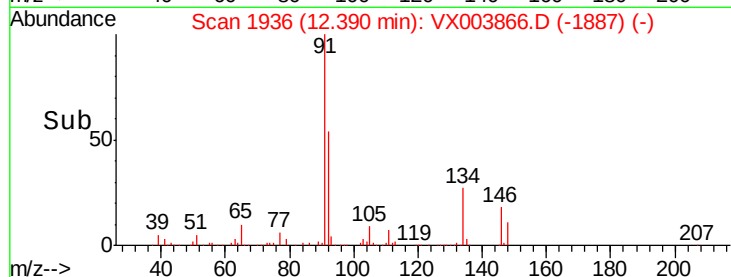
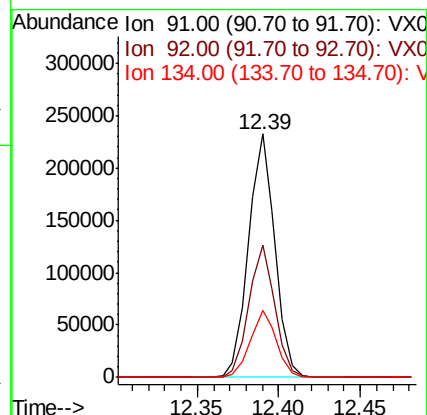
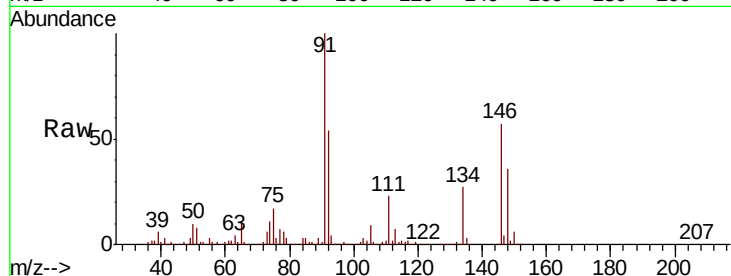
Tot Ion: 91 Resp: 263073

Ion Ratio Lower Upper

91 100

92 53.6 27.1 81.3

134 27.0 13.6 40.7



#90

Hexachloroethane

Concen: 20.550 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003866.D

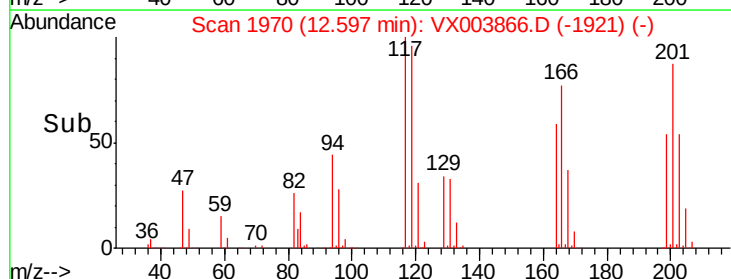
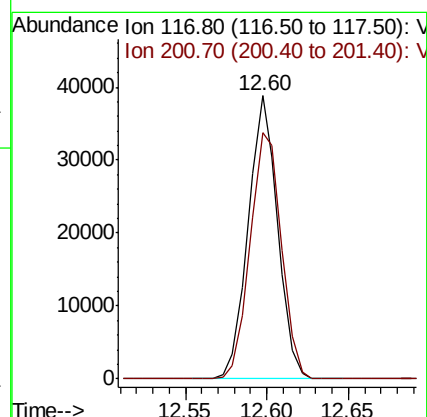
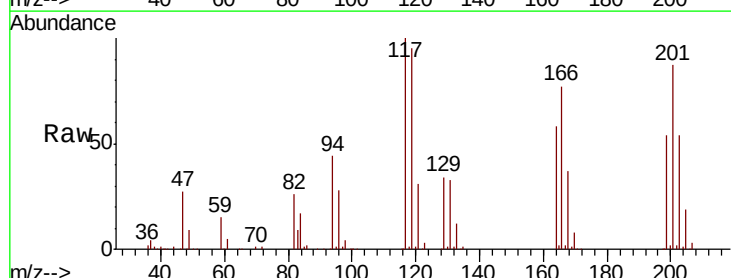
Acq: 06 Aug 2018 17:20

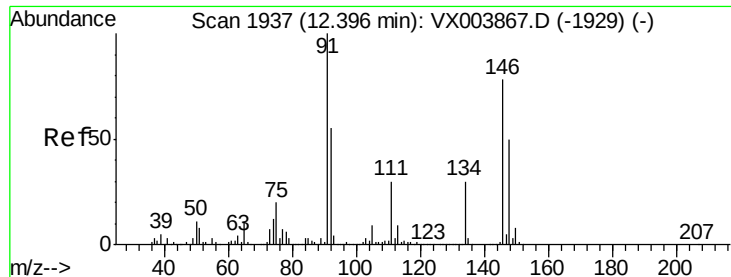
Tgt Ion: 117 Resp: 48743

Ion Ratio Lower Upper

117 100

201 92.6 46.1 138.2





#91

1,2-Dichlorobenzene

Concen: 20.011 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

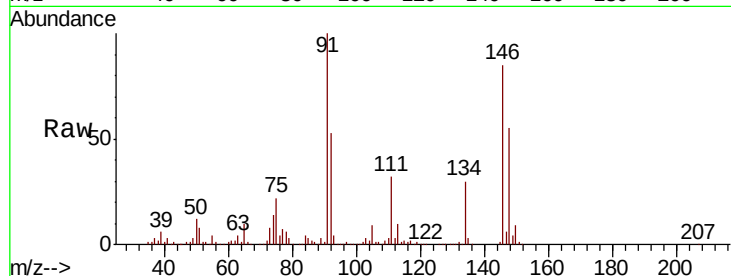
Tot Ion:146 Resp: 174832

Ion Ratio Lower Upper

146 100

111 38.8 19.7 59.0

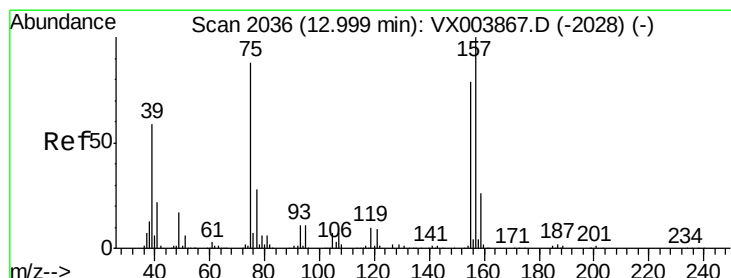
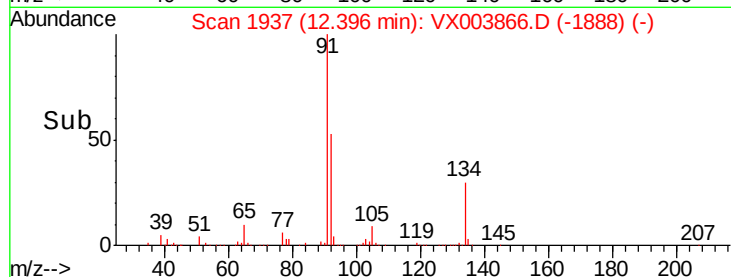
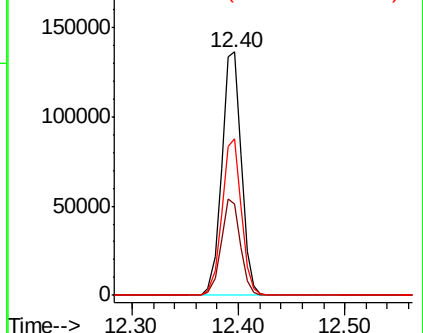
148 63.6 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.369 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

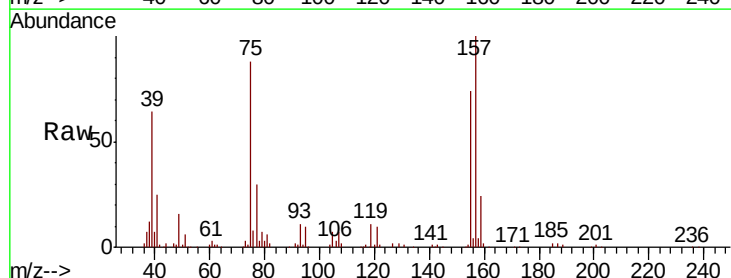
Tgt Ion: 75 Resp: 25104

Ion Ratio Lower Upper

75 100

155 94.5 48.7 146.1

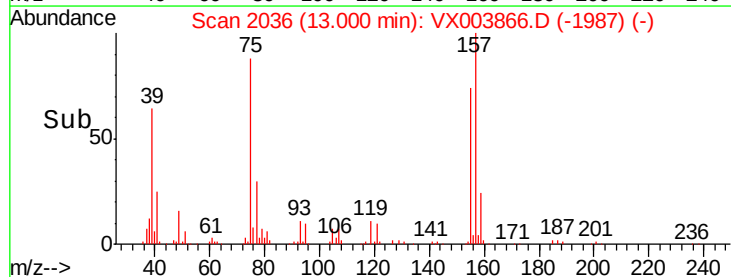
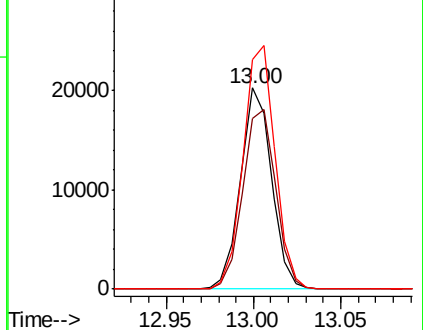
157 123.8 62.6 187.8

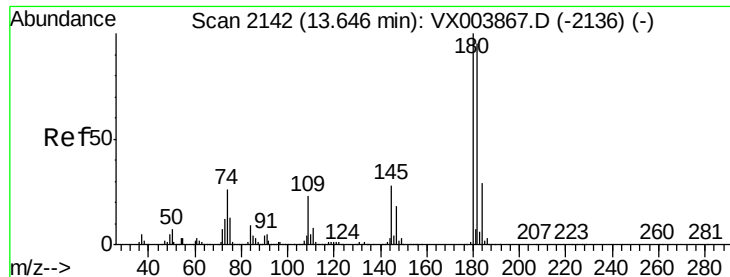


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

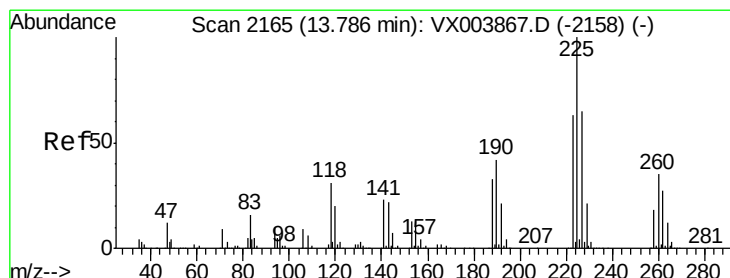
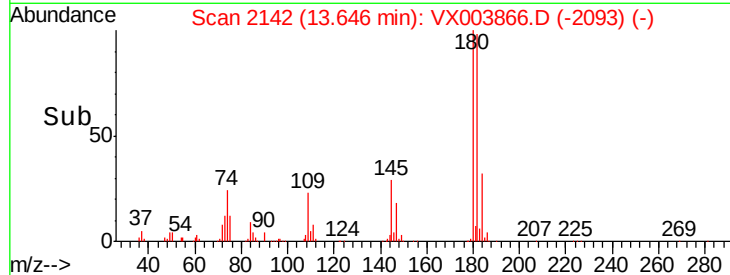
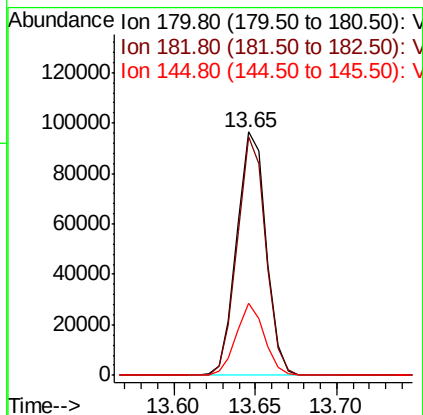
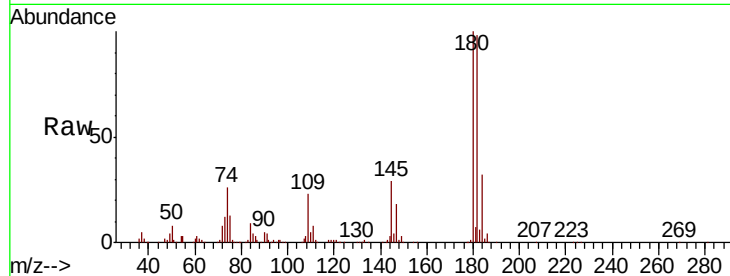




#93
 1,2,4-Trichlorobenzene
 Concen: 19.516 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003866.D
 Acq: 06 Aug 2018 17:20

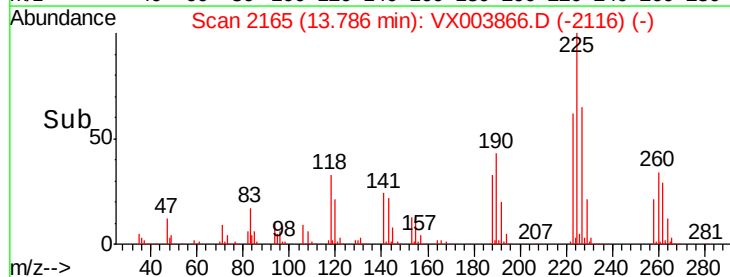
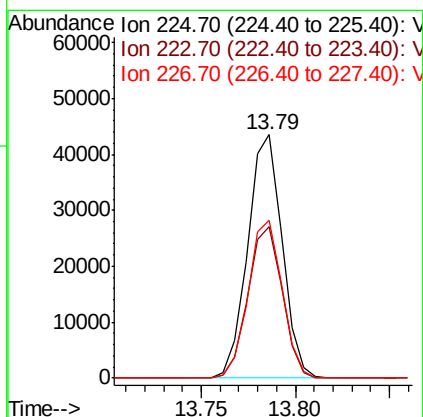
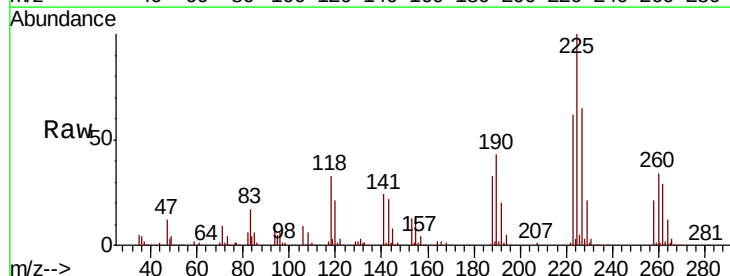
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

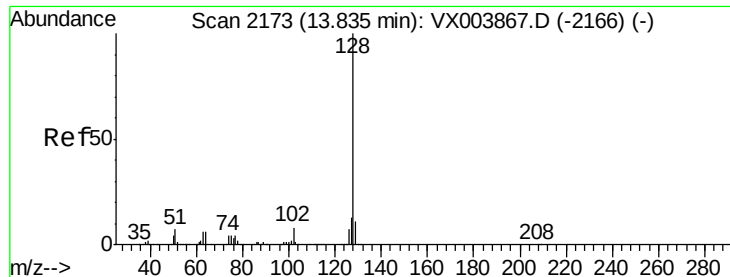
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.7	143.1
145	28.1	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 18.374 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003866.D
 Acq: 06 Aug 2018 17:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.4	94.0
227	64.1	32.1	96.5





#95

Naphthalene

Concen: 20.528 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

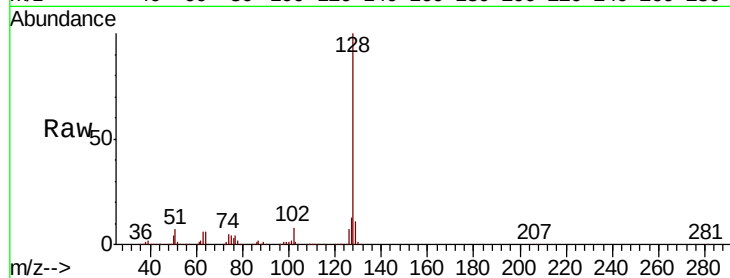
Tot Ion:128 Resp: 368856

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

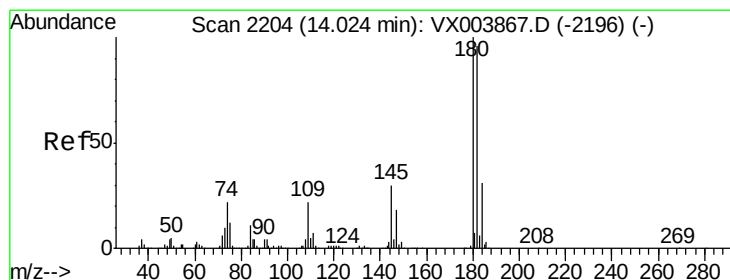
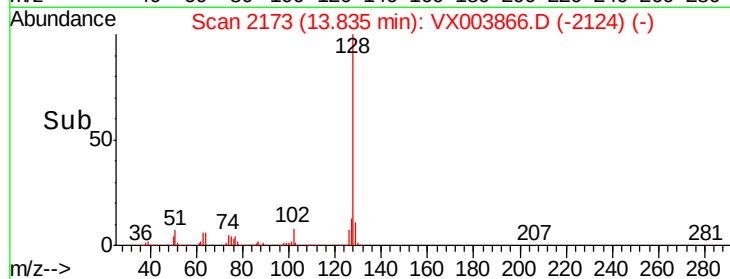
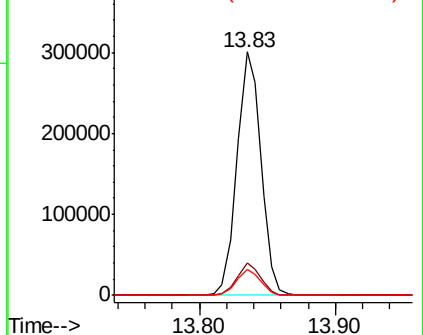
129 10.8 8.8 13.2



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: 19.324 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003866.D

Acq: 06 Aug 2018 17:20

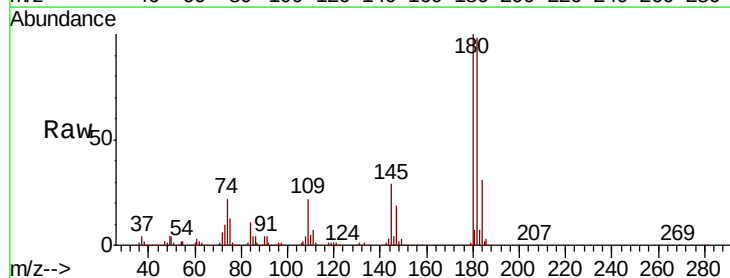
Tgt Ion:180 Resp: 123847

Ion Ratio Lower Upper

180 100

182 96.9 48.1 144.4

145 29.8 14.9 44.7



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

