

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003769.D
 Acq On : 01 Aug 2018 00:58
 Operator : JC/SP
 Sample : VX0731SBS02
 Misc : 5.00G/5.0mL/MSVOA X/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS02

Quant Time: Aug 01 06:43:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	98374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	126872	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	97178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	55092	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	40988	41.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.40%	
35) Dibromofluoromethane	5.50	113	36973	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
50) Toluene-d8	8.71	98	168246	54.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.04%	
62) 4-Bromofluorobenzene	11.14	95	47057	40.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	18471	22.25	ug/l	99
3) Chloromethane	1.32	50	20748	19.88	ug/l	96
4) Vinyl Chloride	1.40	62	24693	21.99	ug/l #	89
5) Bromomethane	1.63	94	12647	19.45	ug/l	96
6) Chloroethane	1.70	64	14800	19.93	ug/l	97
7) Trichlorofluoromethane	1.92	101	30695	20.85	ug/l	98
8) Diethyl Ether	2.18	74	9974	17.93	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	20418	21.86	ug/l	99
10) Methyl Iodide	2.50	142	14911	13.89	ug/l	98
11) Tert butyl alcohol	3.08	59	17866	110.90	ug/l	98
12) 1,1-Dichloroethene	2.37	96	18060	20.54	ug/l	98
13) Acrolein	2.29	56	4635	87.94	ug/l	95
14) Allyl chloride	2.72	41	31684	20.33	ug/l	98
15) Acrylonitrile	3.15	53	42606	103.99	ug/l	98
16) Acetone	2.45	43	38873	102.29	ug/l	95
17) Carbon Disulfide	2.56	76	53838	18.82	ug/l	99
18) Methyl Acetate	2.78	43	23564	22.06	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	44232	18.48	ug/l	99
20) Methylene Chloride	2.85	84	20391	18.36	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	19996	20.75	ug/l	95
22) Diisopropyl ether	3.87	45	52230	18.56	ug/l	99
23) Vinyl Acetate	3.82	43	164037	80.83	ug/l	99
24) 1,1-Dichloroethane	3.70	63	32935	20.07	ug/l	96
25) 2-Butanone	4.70	43	56342	101.70	ug/l	96
26) 2,2-Dichloropropane	4.58	77	23864	18.47	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	19740	19.01	ug/l	96
28) Bromochloromethane	5.02	49	12595	17.11	ug/l	96
29) Tetrahydrofuran	5.16	42	35596	100.82	ug/l	99
30) Chloroform	5.21	83	30328	18.76	ug/l	96
31) Cyclohexane	5.58	56	34263	21.62	ug/l #	83
32) 1,1,1-Trichloroethane	5.49	97	29112	20.95	ug/l	99
36) 1,1-Dichloropropene	5.81	75	27411	23.07	ug/l	99
37) Ethyl Acetate	4.85	43	19185	21.02	ug/l	96
38) Carbon Tetrachloride	5.78	117	24519	22.31	ug/l	99

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Instrument :
 MSVOA_X
 ClientSampleID :
 VX0731SBS02

Quant Time: Aug 01 06:43:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	34966	23.97	ug/l	98
40) Benzene	6.15	78	70208	20.62	ug/l	97
41) Methacrylonitrile	5.06	41	10807	21.01	ug/l	97
42) 1,2-Dichloroethane	6.20	62	19918	19.37	ug/l	98
43) Isopropyl Acetate	6.46	43	27697	19.05	ug/l	100
44) Trichloroethene	7.22	130	20706	21.32	ug/l	85
45) 1,2-Dichloropropane	7.52	63	16512	19.72	ug/l	96
46) Dibromomethane	7.67	93	8459	17.53	ug/l	97
47) Bromodichloromethane	7.90	83	18079	18.80	ug/l	98
48) Methyl methacrylate	7.77	41	13793	18.91	ug/l	97
49) 1,4-Dioxane	7.76	88	7732	525.19	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	90559	101.33	ug/l	99
52) Toluene	8.79	92	44475	20.94	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	19526	17.78	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	21542	17.60	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	13777	18.85	ug/l	91
56) Ethyl methacrylate	9.18	69	18462	18.39	ug/l	98
57) 1,3-Dichloropropane	9.37	76	22136	18.04	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	38950	84.15	ug/l	99
59) 2-Hexanone	9.50	43	69052	101.42	ug/l	97
60) Dibromochloromethane	9.59	129	12020	16.33	ug/l	100
61) 1,2-Dibromoethane	9.67	107	12308	16.49	ug/l	98
64) Tetrachloroethene	9.34	164	21846	28.60	ug/l	97
65) Chlorobenzene	10.14	112	41759	20.56	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	12707	19.19	ug/l	99
67) Ethyl Benzene	10.26	91	75683	22.07	ug/l	98
68) m/p-Xylenes	10.36	106	57832	43.12	ug/l	96
69) o-Xylene	10.70	106	26352	21.16	ug/l	97
70) Styrene	10.71	104	42556	20.31	ug/l	98
71) Bromoform	10.86	173	7546	16.57	ug/l #	100
73) Isopropylbenzene	11.02	105	77720	22.53	ug/l	99
74) N-amyl acetate	6.46	43	27697	22.66	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.27	83	18518	20.65	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	20717	27.28	ug/l	82
77) Bromobenzene	11.26	156	19951	22.19	ug/l	96
78) n-propylbenzene	11.36	91	101507	24.29	ug/l	99
79) 2-Chlorotoluene	11.42	91	53542	22.57	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	66834	22.70	ug/l #	70
81) trans-1,4-Dichloro-2-buten	11.08	75	4014	15.66	ug/l	87
82) 4-Chlorotoluene	11.51	91	62164	21.60	ug/l	98
83) tert-Butylbenzene	11.77	119	65991	22.66	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	66751	22.03	ug/l	98
85) sec-Butylbenzene	11.94	105	91618	24.59	ug/l	99
86) p-Isopropyltoluene	12.07	119	82931	24.49	ug/l #	71
87) 1,3-Dichlorobenzene	12.03	146	40028	22.01	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	37828	20.38	ug/l	98
89) n-Butylbenzene	12.39	91	77745	24.13	ug/l	99
90) Hexachloroethane	12.60	117	11182	22.24	ug/l	91
91) 1,2-Dichlorobenzene	12.40	146	33421	19.73	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	3844	21.61	ug/l	91

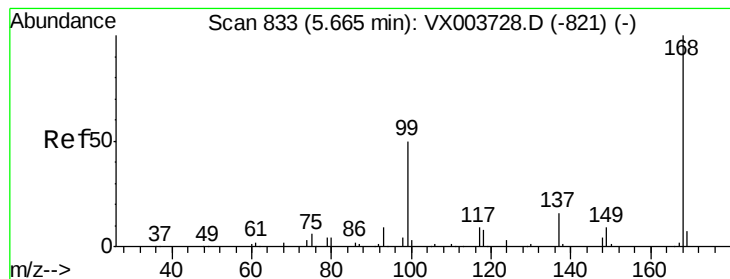
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX073118\
Data File : VX003769.D
Acq On : 01 Aug 2018 00:58
Operator : JC/SP
Sample : VX0731SBSD02
Misc : 5.00G/5.0mL/MSVOA X/SOIL
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Instrument :
MSVOA_X
ClientSampleId :
VX0731SBSD02

Quant Time: Aug 01 06:43:35 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 11:17:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	29485	21.94	ug/l	100
94) Hexachlorobutadiene	13.79	225	22893	26.64	ug/l	99
95) Naphthalene	13.83	128	71459	24.89	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	23763	19.48	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

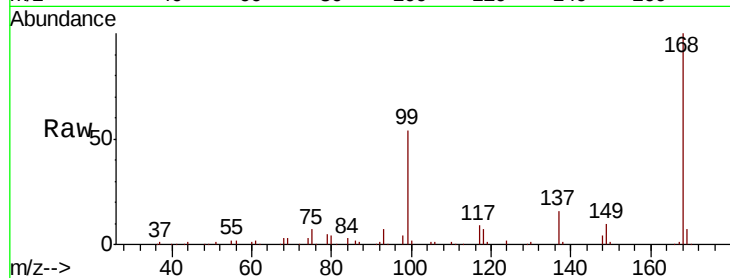
VX0731SBS02

Tot Ion:168 Resp: 98374

Ion Ratio Lower Upper

168 100

99 53.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

20000

10000

0

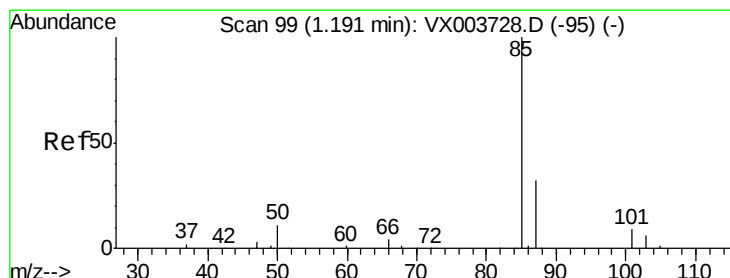
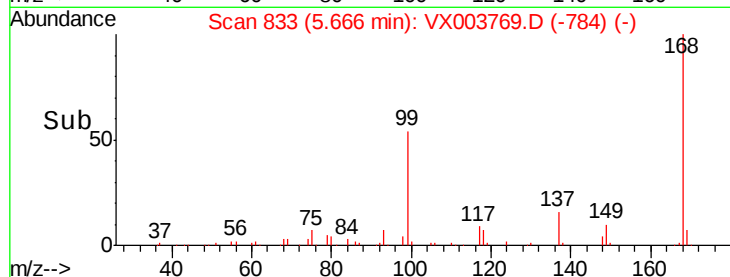
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 22.25 ug/l

RT: 1.19 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX003769.D

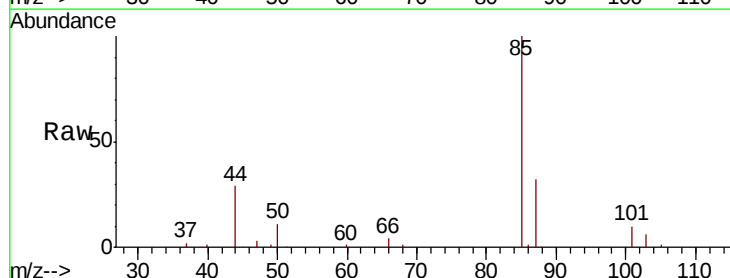
Acq: 01 Aug 2018 00:58

Tgt Ion: 85 Resp: 18471

Ion Ratio Lower Upper

85 100

87 31.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

15000

10000

5000

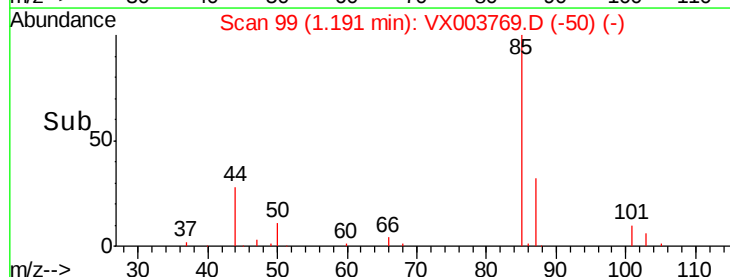
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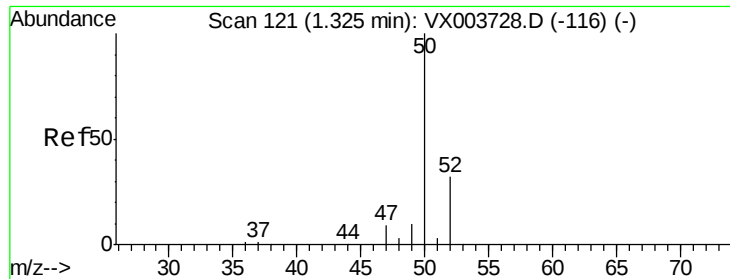
1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 19.88 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

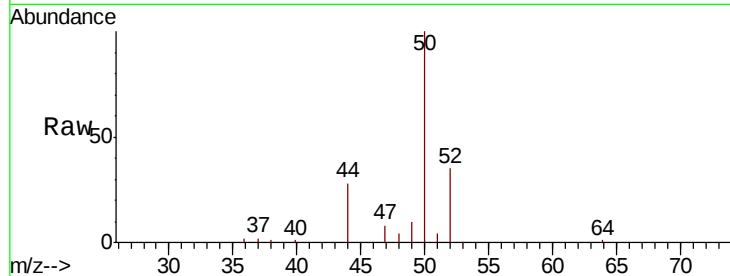
VX0731SBS02

Tot Ion: 50 Resp: 20748

Ion Ratio Lower Upper

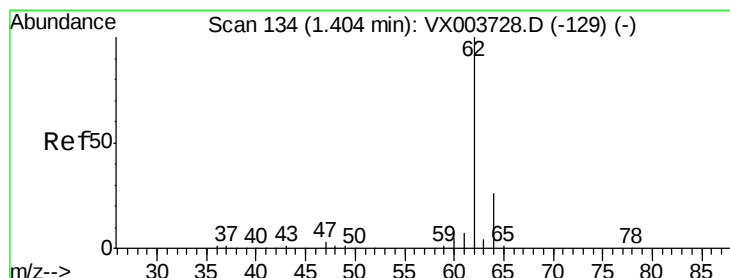
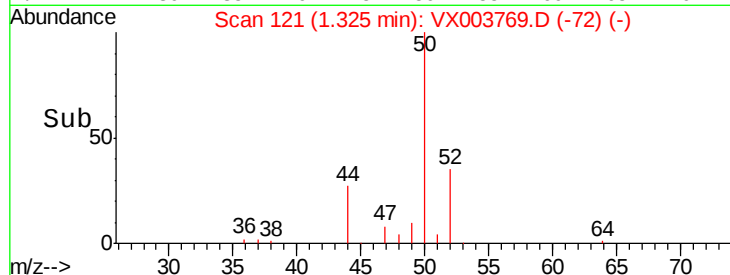
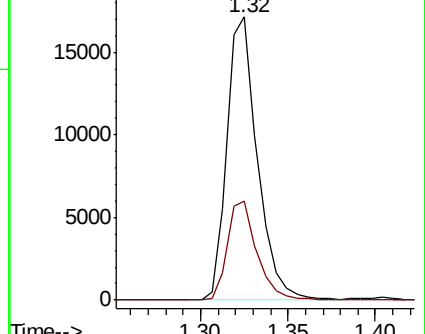
50 100

52 34.8 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.99 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003769.D

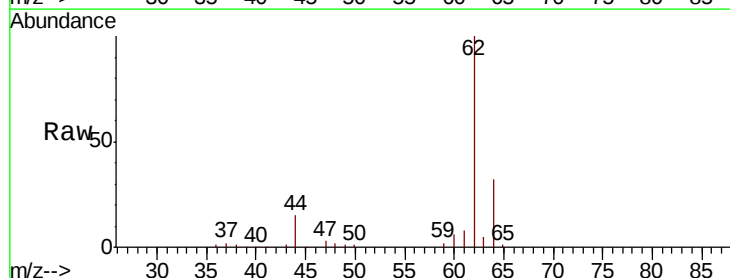
Acq: 01 Aug 2018 00:58

Tgt Ion: 62 Resp: 24693

Ion Ratio Lower Upper

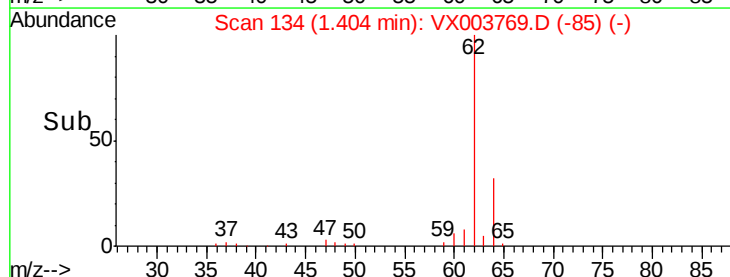
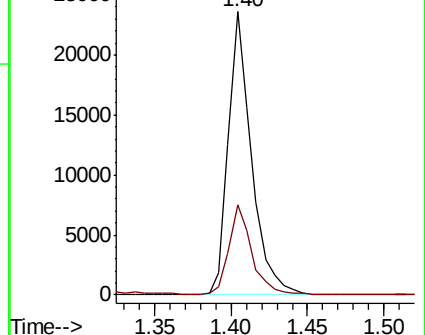
62 100

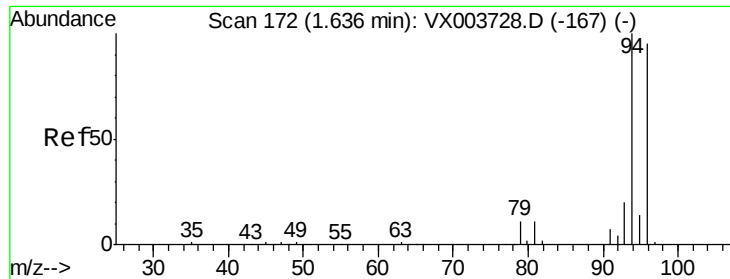
64 31.6 21.0 31.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

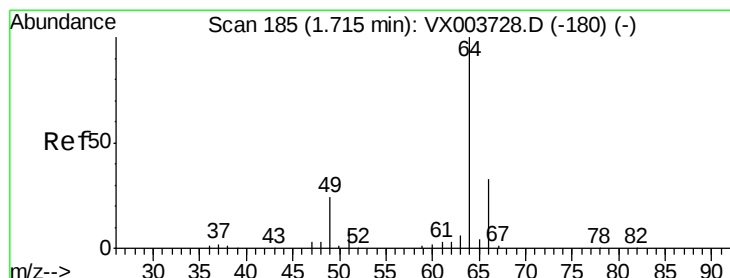
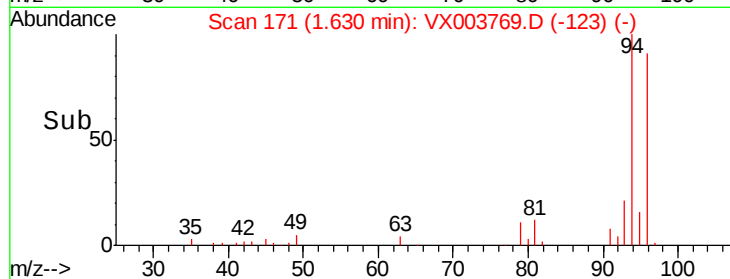
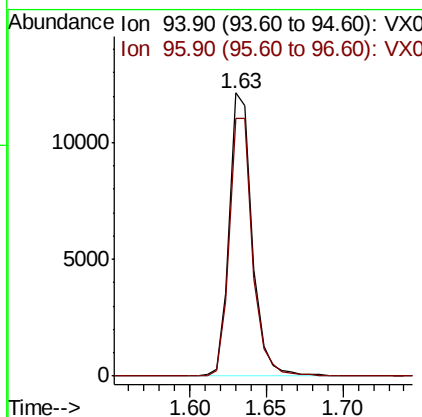
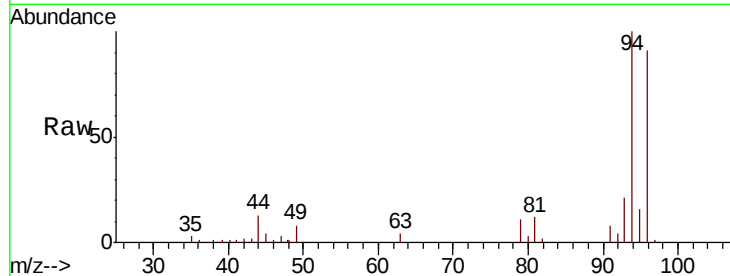




#5
Bromomethane
Concen: 19.45 ug/l
RT: 1.63 min Scan# 171
Delta R.T. -0.01 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

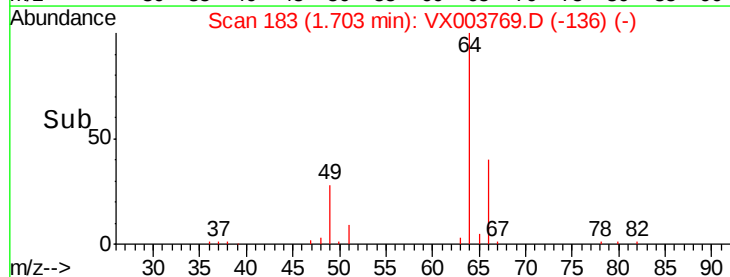
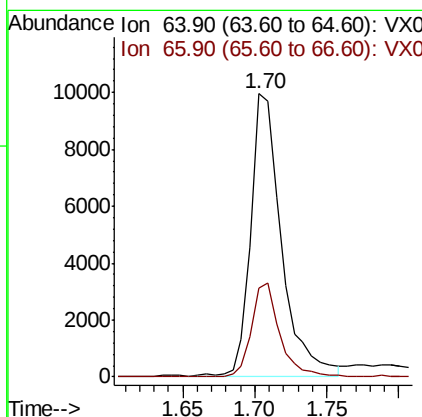
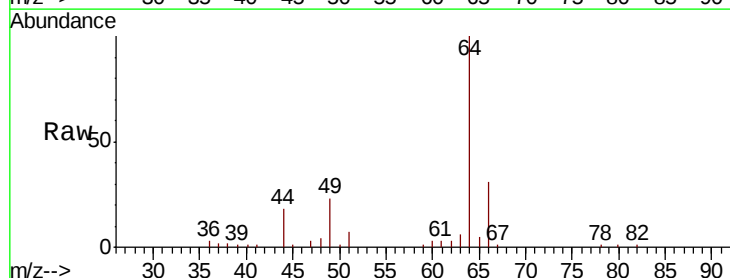
Instrument :
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VX0731SBS02

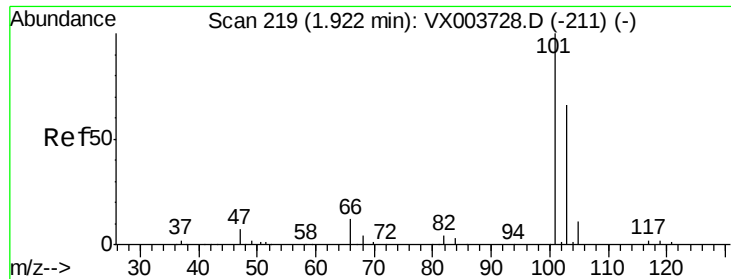
Tot Ion: 94 Resp: 12647
Ion Ratio Lower Upper
94 100
96 90.9 76.0 114.0



#6
Chloroethane
Concen: 19.93 ug/l
RT: 1.70 min Scan# 183
Delta R.T. -0.01 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Tgt Ion: 64 Resp: 14800
Ion Ratio Lower Upper
64 100
66 31.4 26.4 39.6



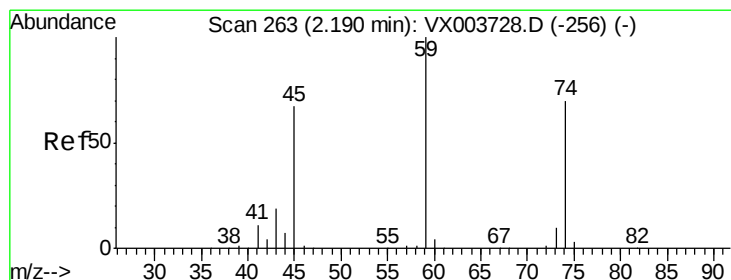
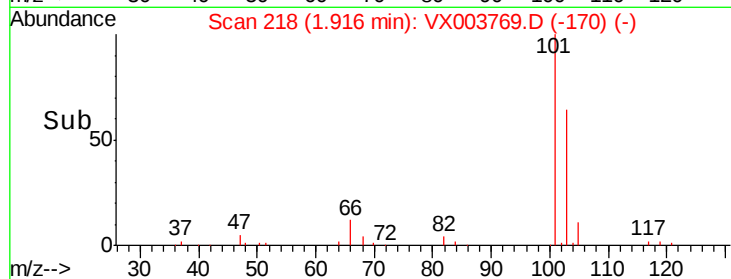
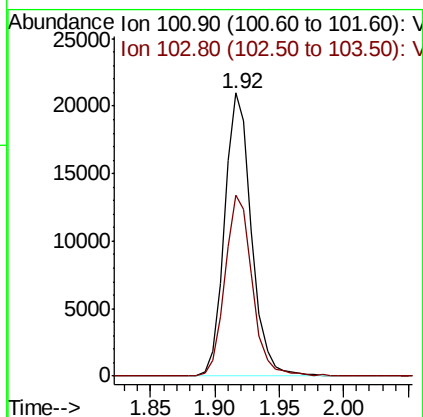
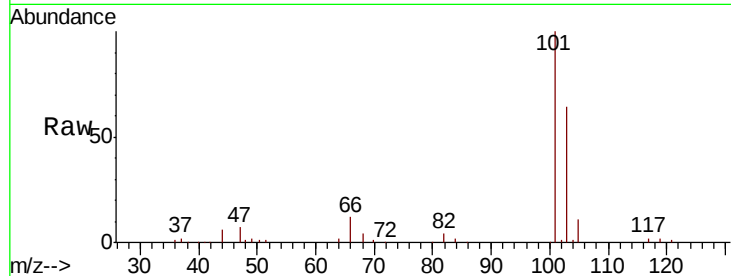


#7

Trichlorofluoromethane
 Concen: 20.85 ug/l
 RT: 1.92 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX003769.D
 Acq: 01 Aug 2018 00:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS02

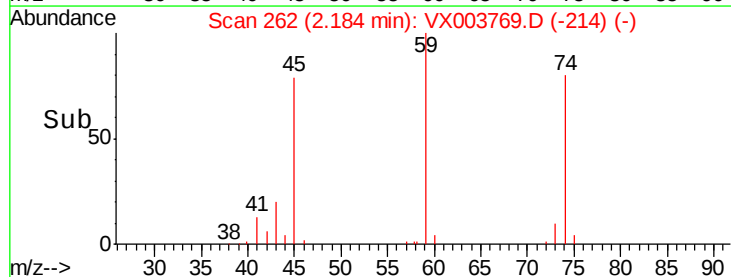
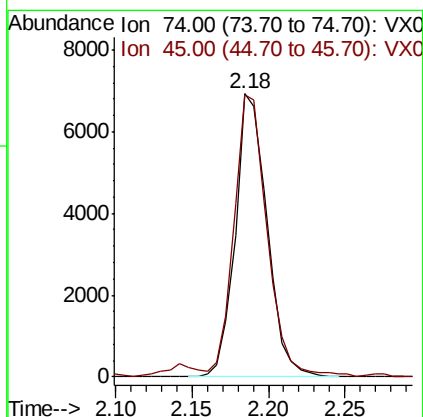
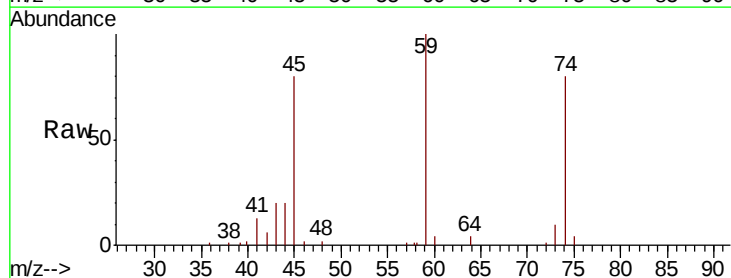
Tot Ion:101 Resp: 30695
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.6 78.8

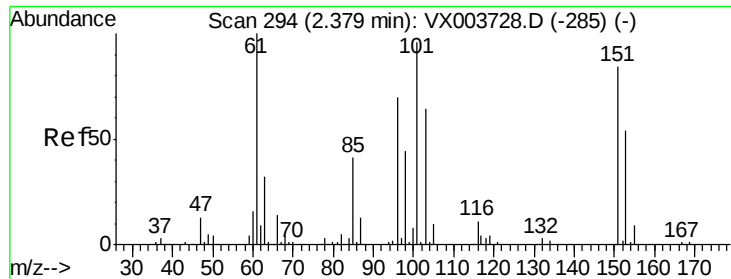


#8

Diethyl Ether
 Concen: 17.93 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.01 min
 Lab File: VX003769.D
 Acq: 01 Aug 2018 00:58

Tgt Ion: 74 Resp: 9974
 Ion Ratio Lower Upper
 74 100
 45 104.2 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.86 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS02

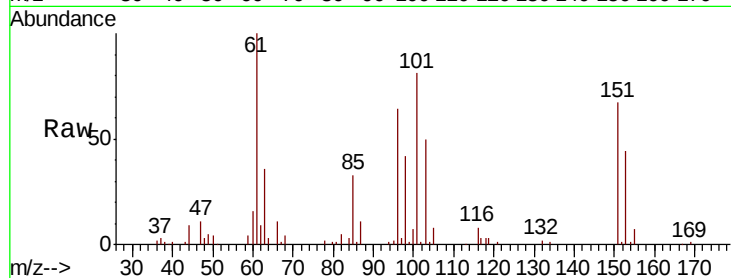
Tot Ion:101 Resp: 20418

Ion Ratio Lower Upper

101 100

85 42.8 33.3 49.9

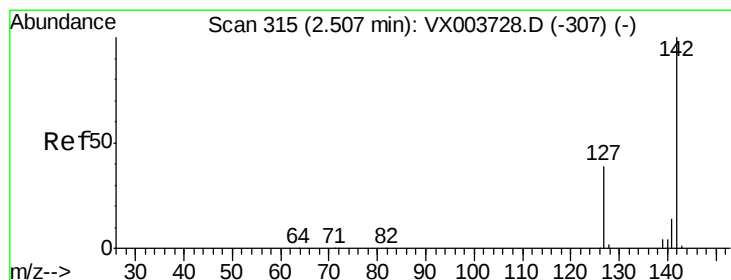
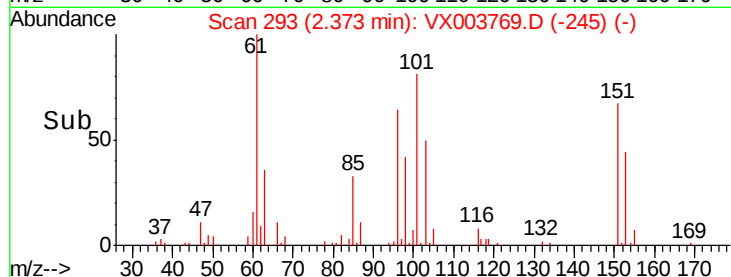
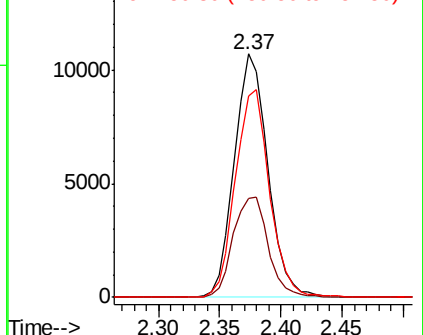
151 86.6 68.8 103.2



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: 13.89 ug/l

RT: 2.50 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

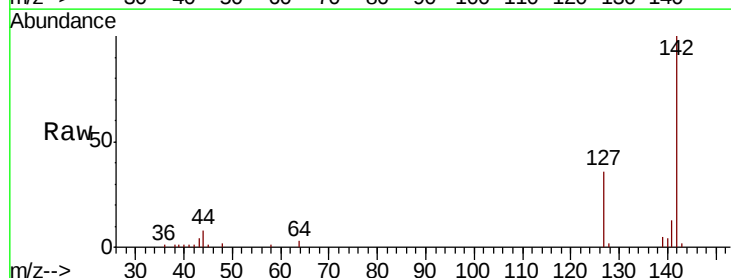
Tgt Ion:142 Resp: 14911

Ion Ratio Lower Upper

142 100

127 39.0 32.0 48.0

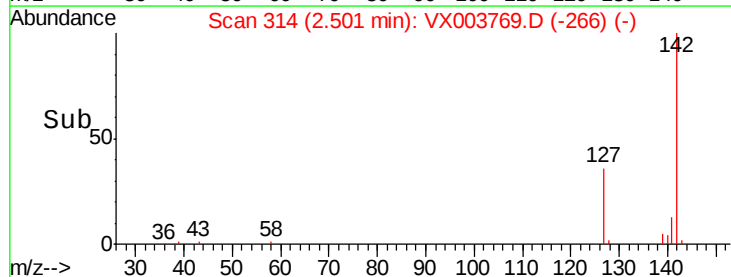
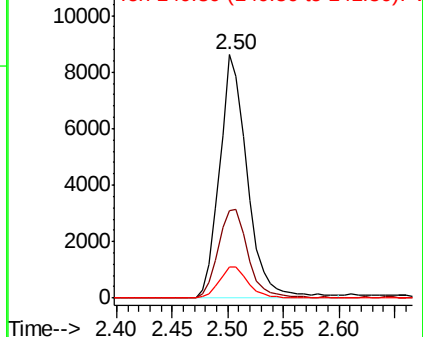
141 13.3 11.3 16.9

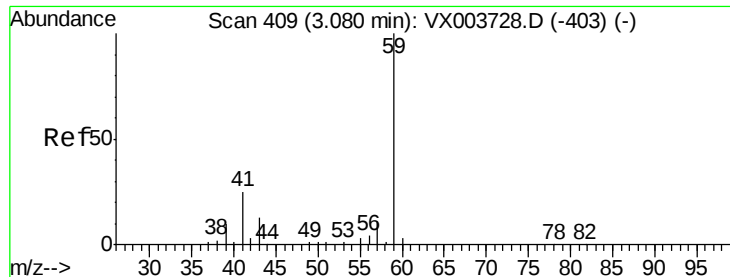


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

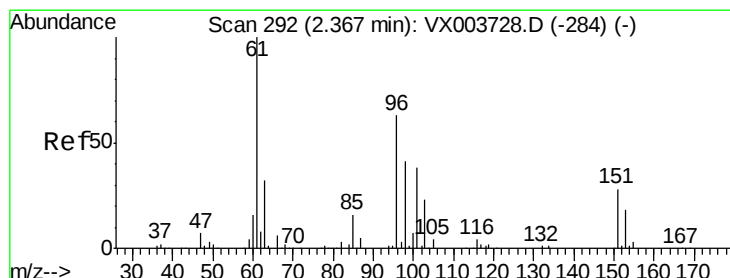
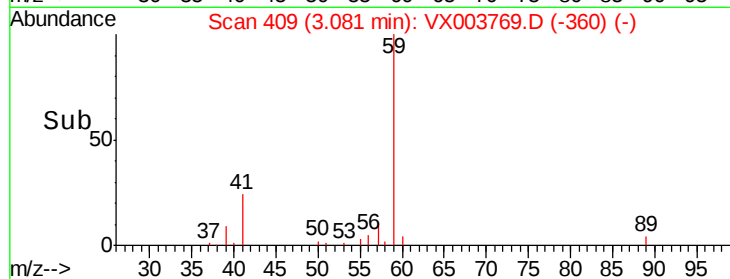
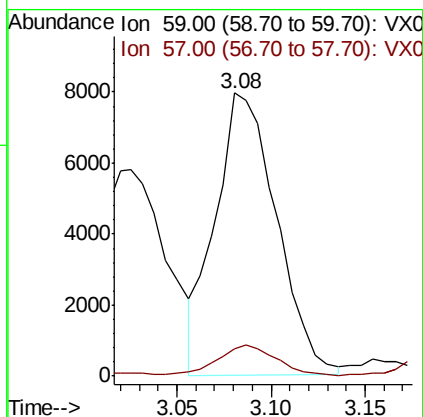
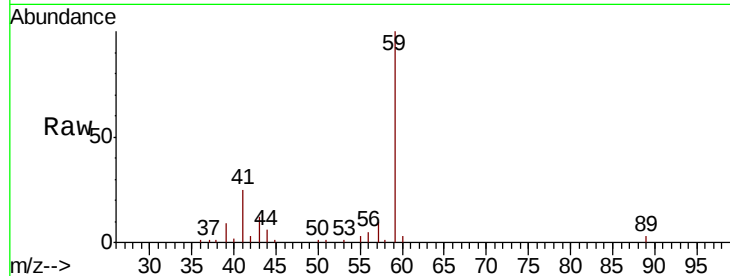




#11
Tert butyl alcohol
Concen: 110.90 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

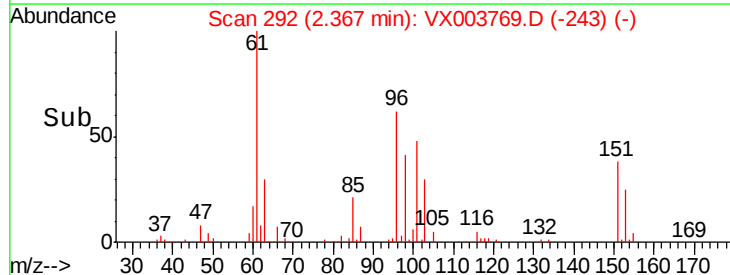
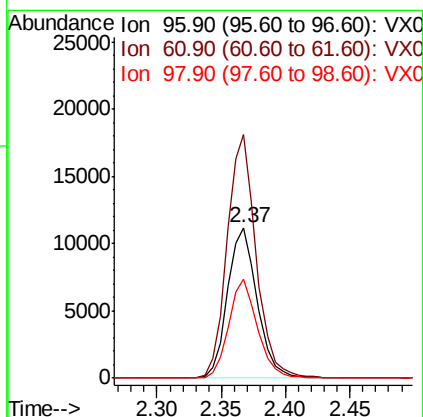
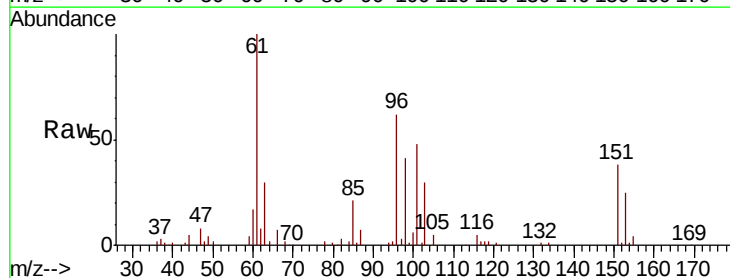
Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

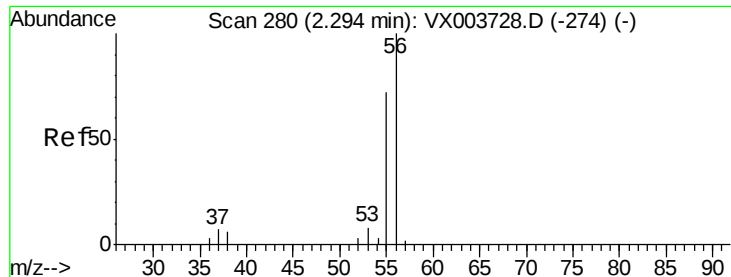
Tot Ion: 59 Resp: 17866
Ion Ratio Lower Upper
59 100
57 10.9 8.1 12.1



#12
1,1-Dichloroethene
Concen: 20.54 ug/l
RT: 2.37 min Scan# 292
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Tgt Ion: 96 Resp: 18060
Ion Ratio Lower Upper
96 100
61 161.5 127.1 190.7
98 66.0 52.0 78.0





#13

Acrolein

Concen: 87.94 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

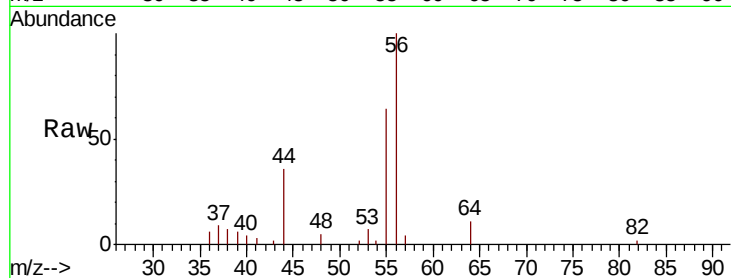
VX0731SBS02

Tot Ion: 56 Resp: 4635

Ion Ratio Lower Upper

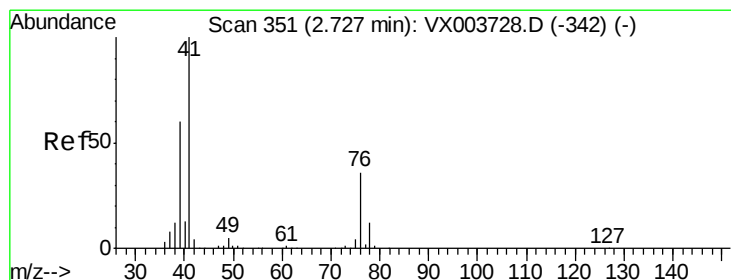
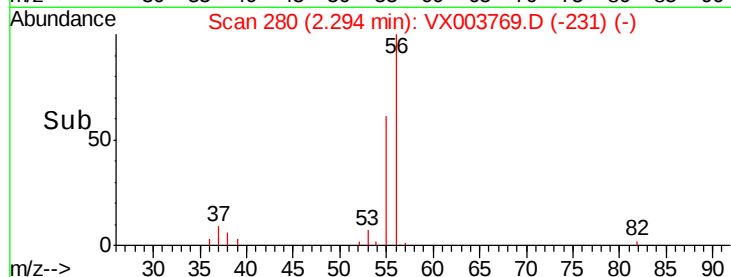
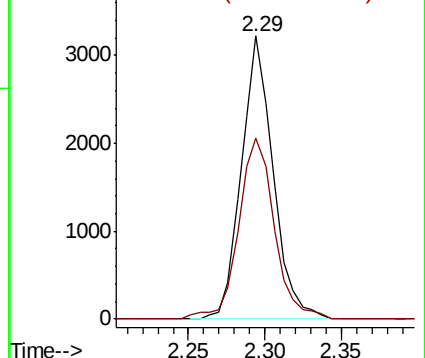
56 100

55 72.0 61.4 92.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.33 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

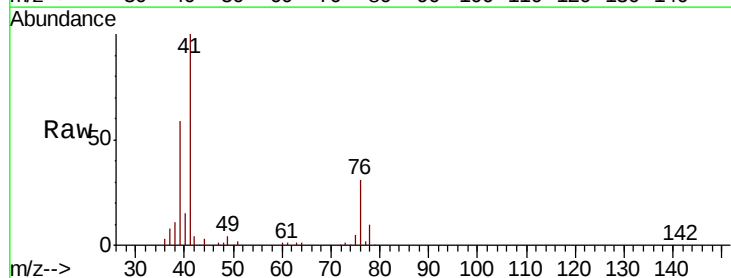
Tgt Ion: 41 Resp: 31684

Ion Ratio Lower Upper

41 100

39 59.2 47.7 71.5

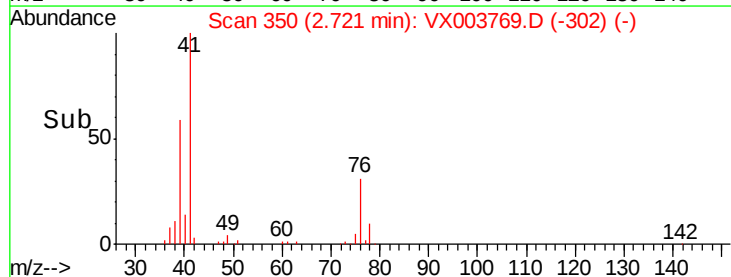
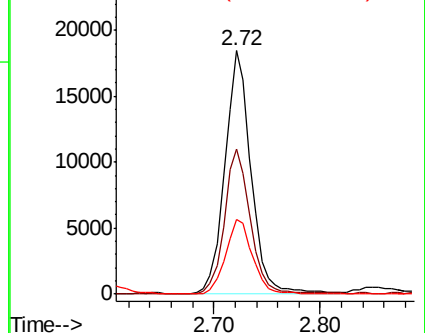
76 31.6 27.0 40.6

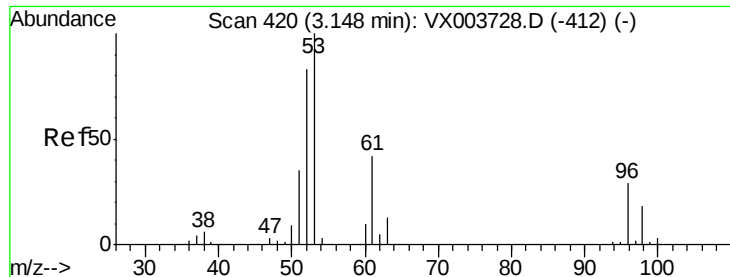


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 103.99 ug/l

RT: 3.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS02

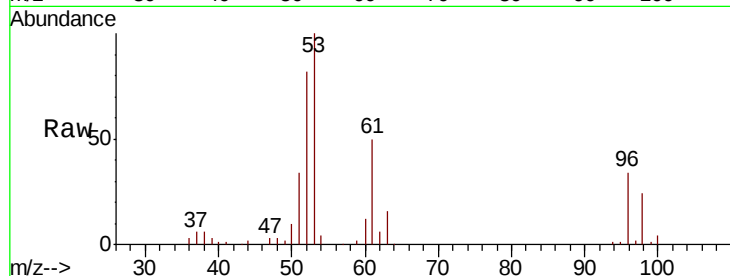
Tot Ion: 53 Resp: 42606

Ion Ratio Lower Upper

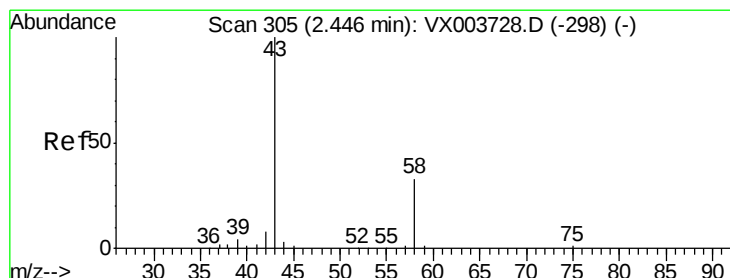
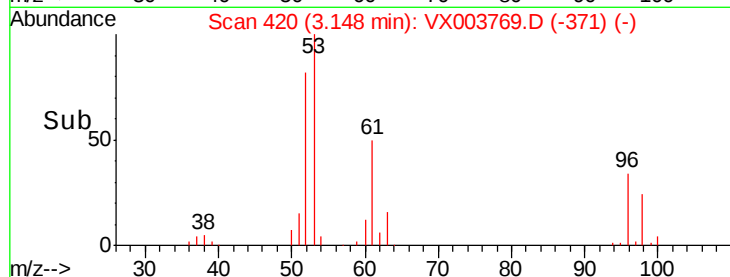
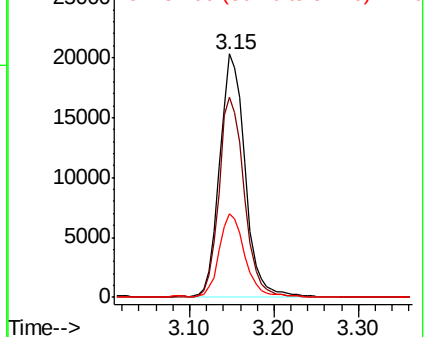
53 100

52 81.3 66.2 99.2

51 34.7 28.5 42.7



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: 102.29 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003769.D

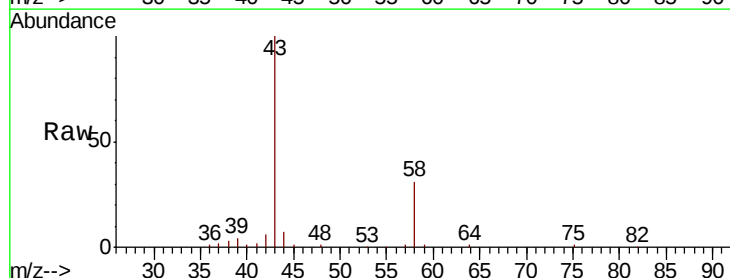
Acq: 01 Aug 2018 00:58

Tgt Ion: 43 Resp: 38873

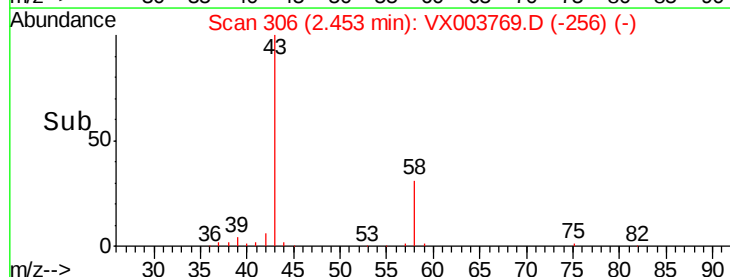
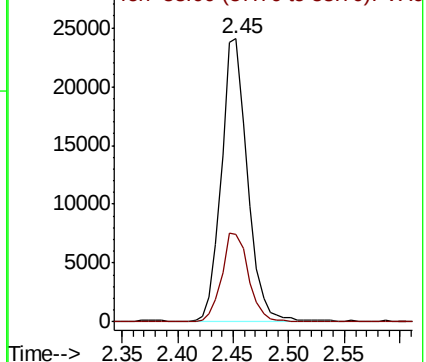
Ion Ratio Lower Upper

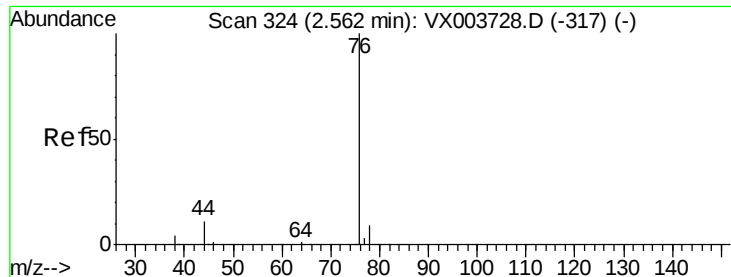
43 100

58 30.8 26.7 40.1



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

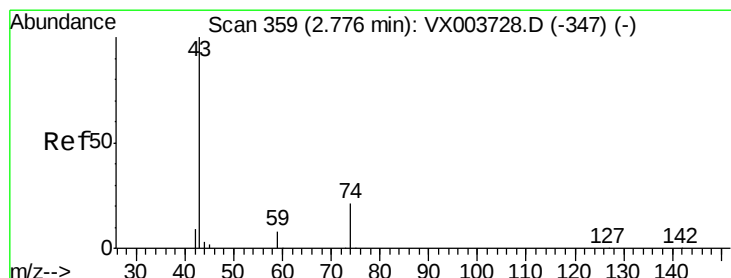
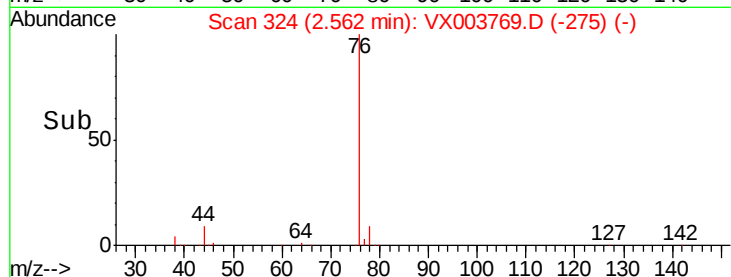
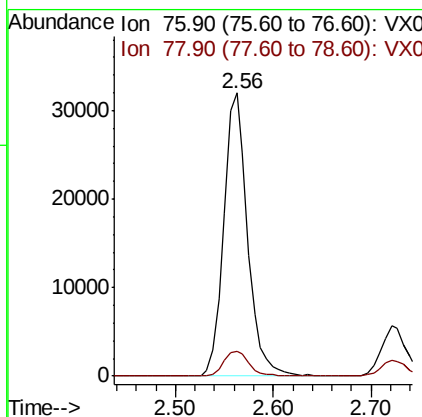
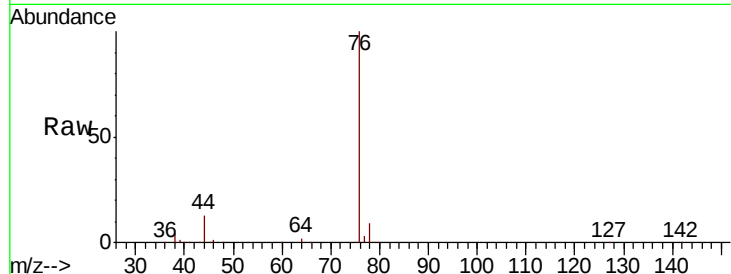




#17
Carbon Disulfide
Concen: 18.82 ug/l
RT: 2.56 min Scan# 324
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

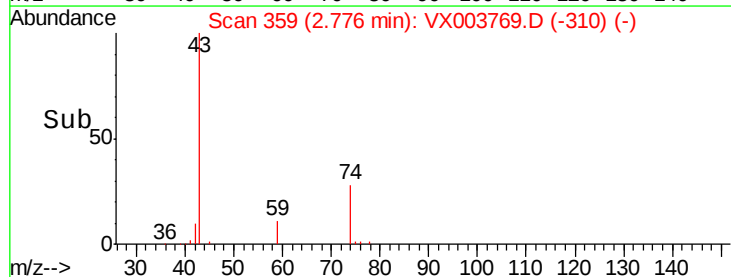
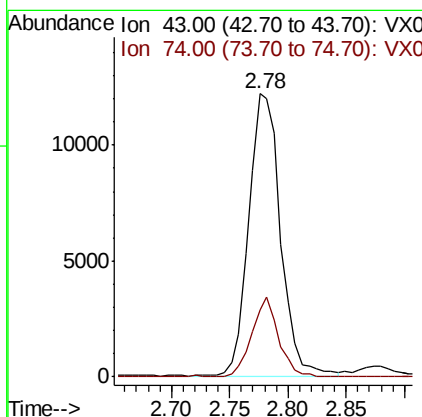
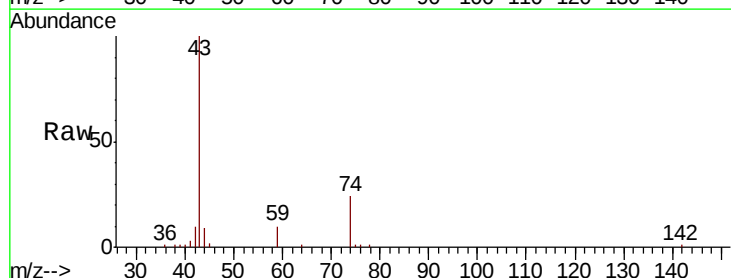
Instrument :
MSVOA_X
ClientSampleId :
VX0731SBSD02

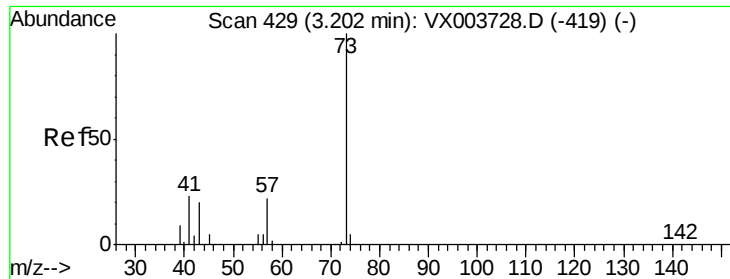
Tot Ion: 76 Resp: 53838
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 22.06 ug/l
RT: 2.78 min Scan# 359
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Tgt Ion: 43 Resp: 23564
Ion Ratio Lower Upper
43 100
74 23.3 18.9 28.3

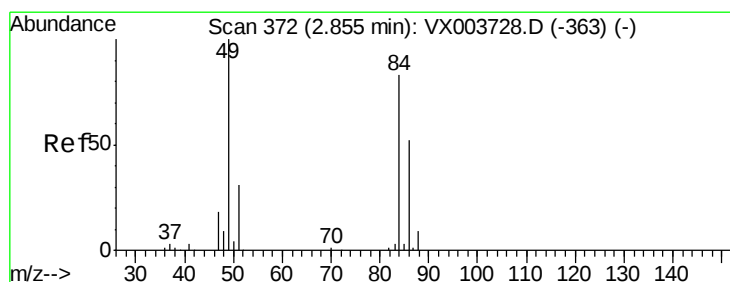
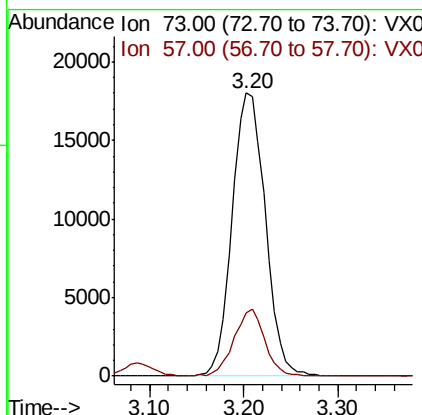
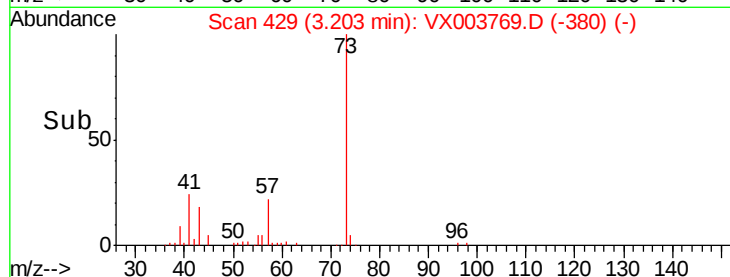
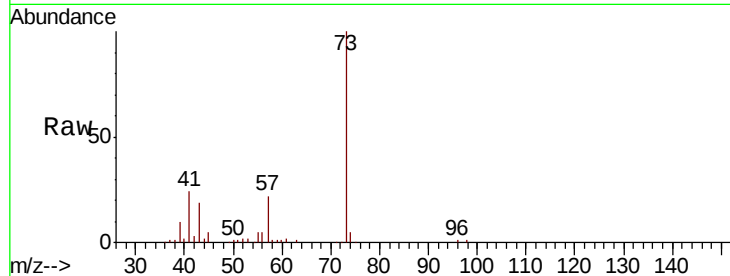




#19
Methyl tert-butyl Ether
Concen: 18.48 ug/l
RT: 3.20 min Scan# 429
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

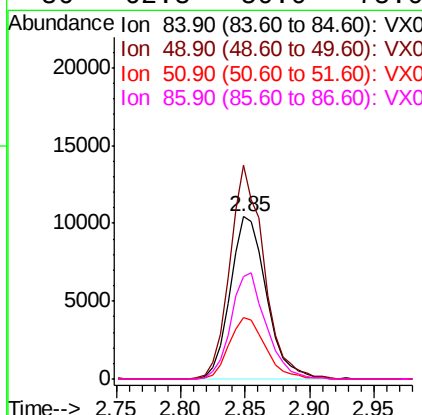
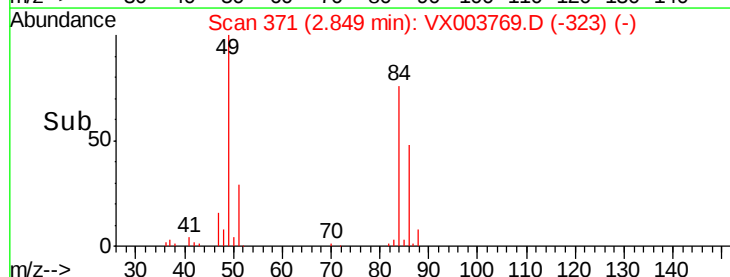
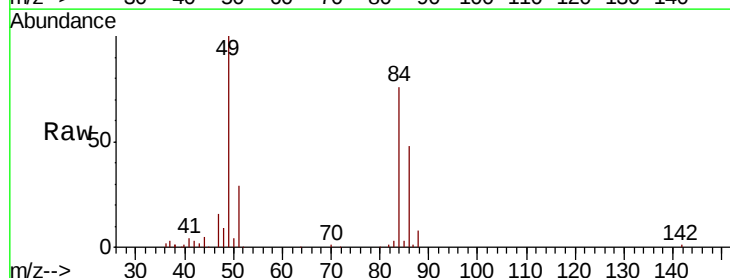
Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

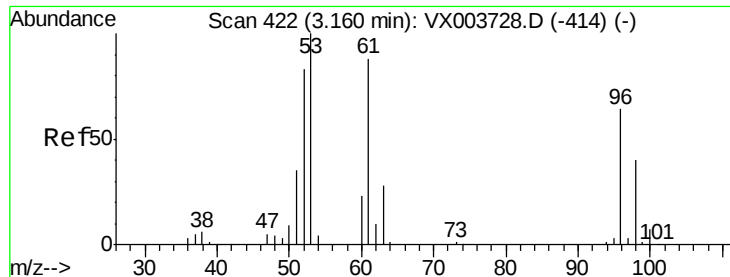
Tot Ion: 73 Resp: 44232
Ion Ratio Lower Upper
73 100
57 22.2 18.0 27.0



#20
Methylene Chloride
Concen: 18.36 ug/l
RT: 2.85 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Tgt Ion: 84 Resp: 20391
Ion Ratio Lower Upper
84 100
49 131.5 95.8 143.8
51 37.5 29.6 44.4
86 62.8 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 20.75 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS02

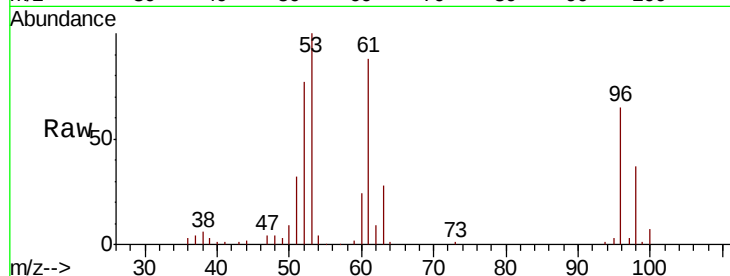
Tot Ion: 96 Resp: 19996

Ion Ratio Lower Upper

96 100

61 134.2 110.9 166.3

98 57.2 50.2 75.4

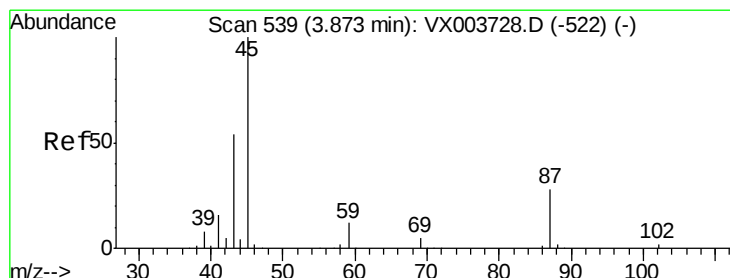
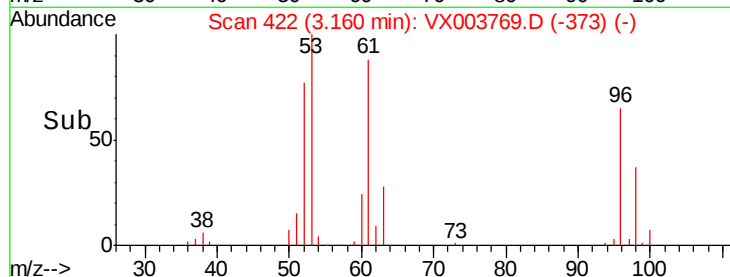
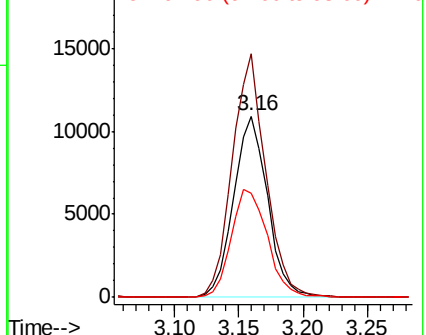


Abundance

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: 18.56 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Tgt Ion: 45 Resp: 52230

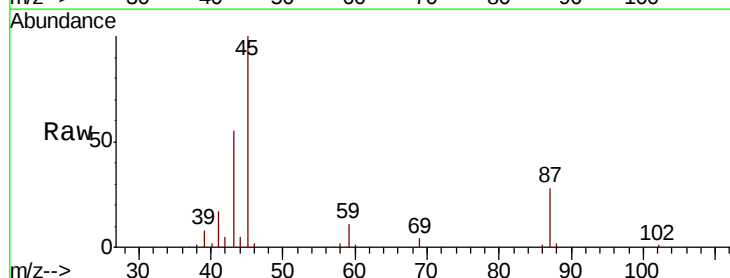
Ion Ratio Lower Upper

45 100

43 54.8 43.5 65.3

87 28.1 22.6 33.8

59 10.9 9.3 13.9



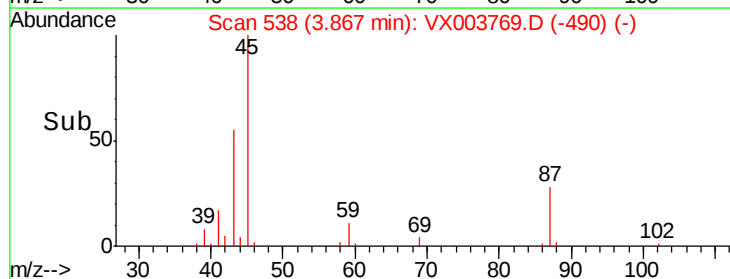
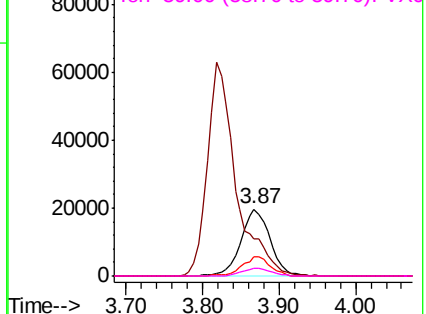
Abundance

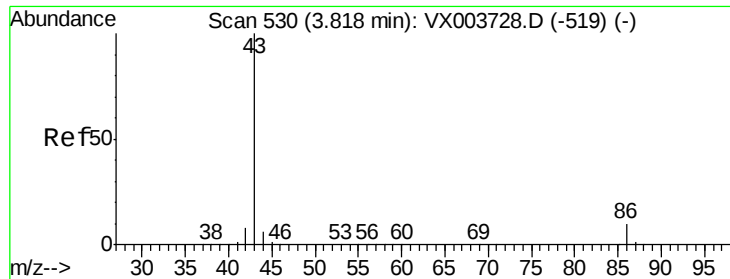
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 80.83 ug/l

RT: 3.82 min Scan# 530

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

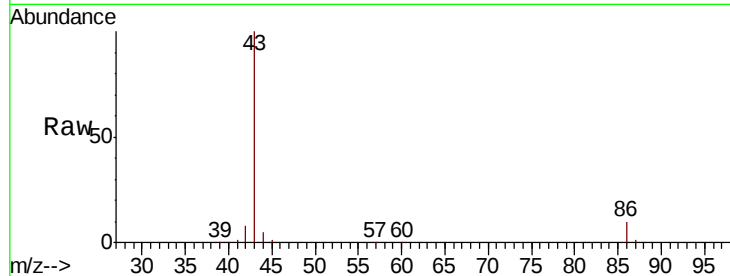
VX0731SBSD02

Tot Ion: 43 Resp: 164037

Ion Ratio Lower Upper

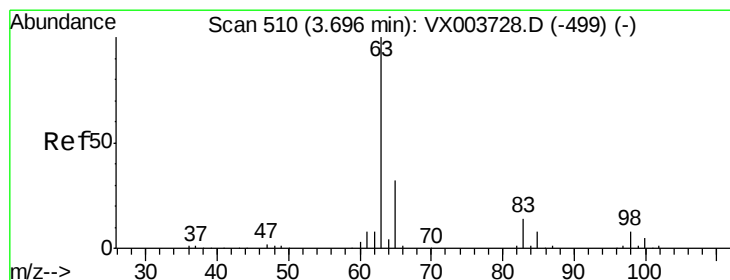
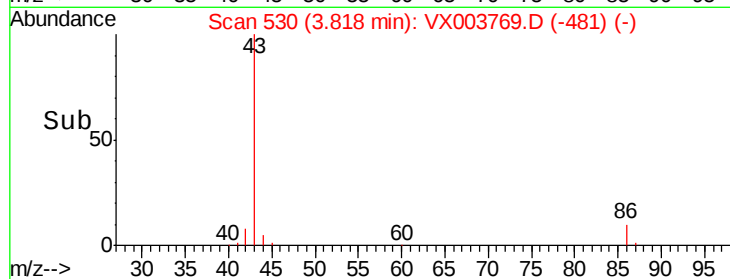
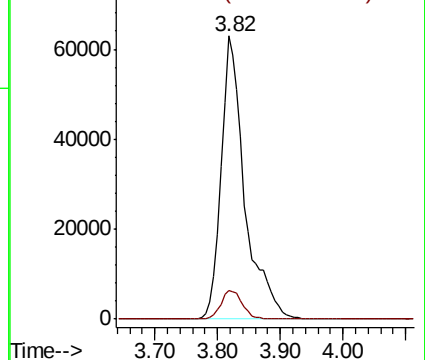
43 100

86 10.0 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.07 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

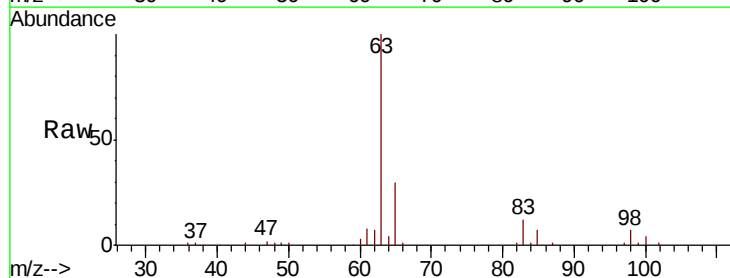
Tgt Ion: 63 Resp: 32935

Ion Ratio Lower Upper

63 100

98 6.5 4.0 12.0

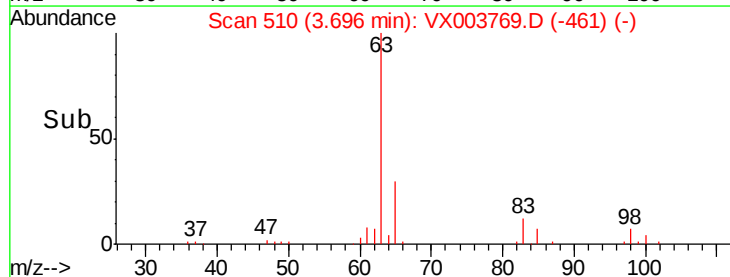
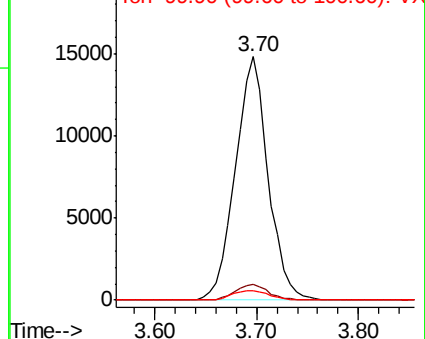
100 3.9 2.4 7.2

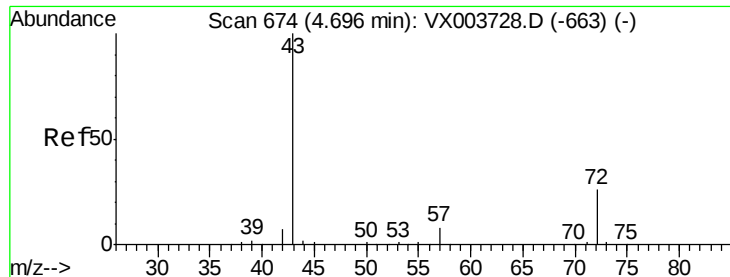


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 101.70 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.01 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

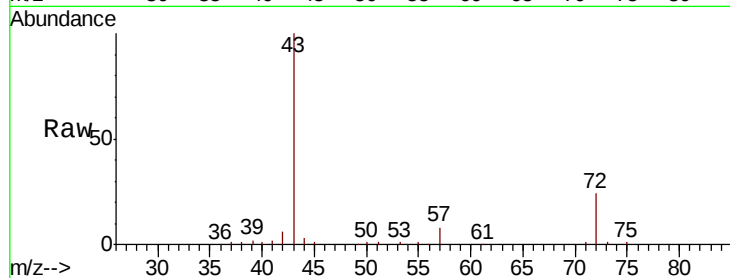
VX0731SBS02

Tot Ion: 43 Resp: 56342

Ion Ratio Lower Upper

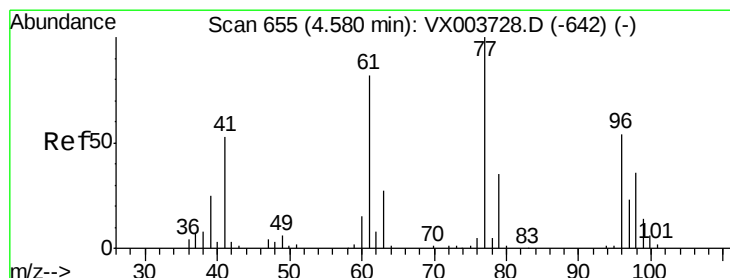
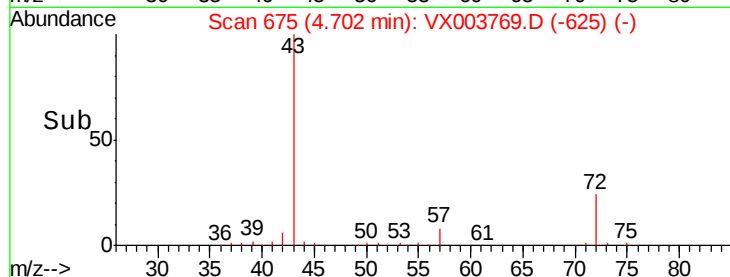
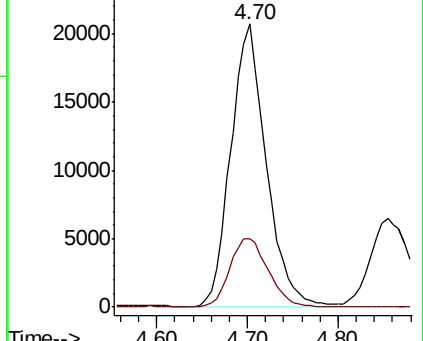
43 100

72 24.1 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.47 ug/l

RT: 4.58 min Scan# 655

Delta R.T. 0.00 min

Lab File: VX003769.D

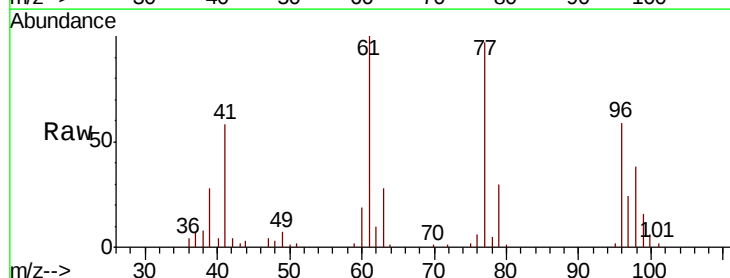
Acq: 01 Aug 2018 00:58

Tgt Ion: 77 Resp: 23864

Ion Ratio Lower Upper

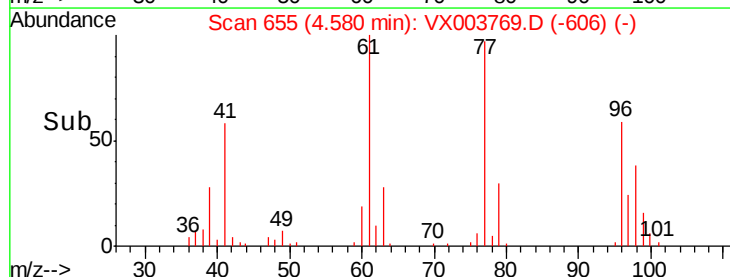
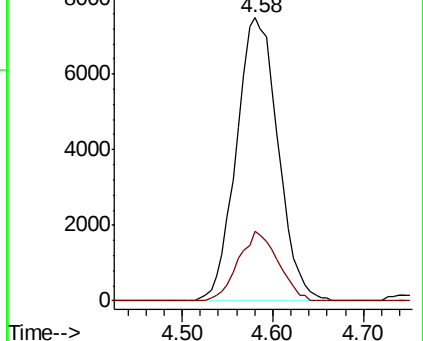
77 100

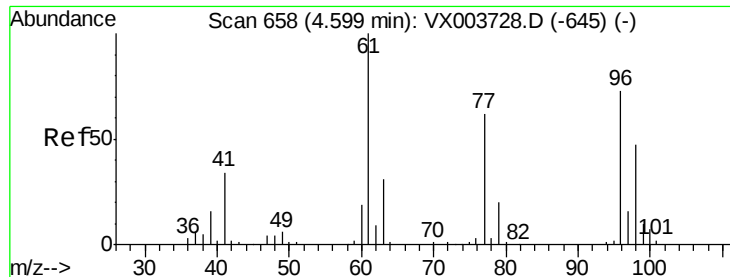
97 23.4 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 19.01 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS02

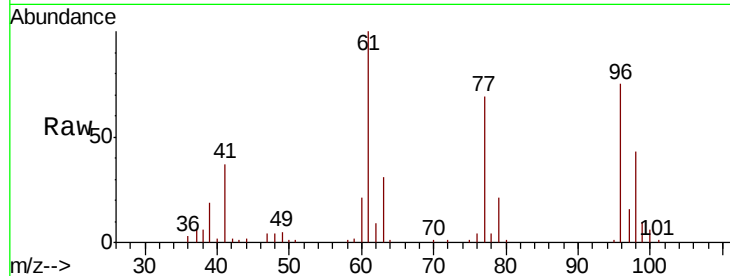
Tot Ion: 96 Resp: 19740

Ion Ratio Lower Upper

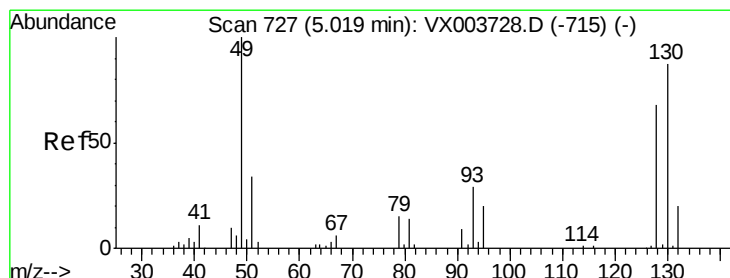
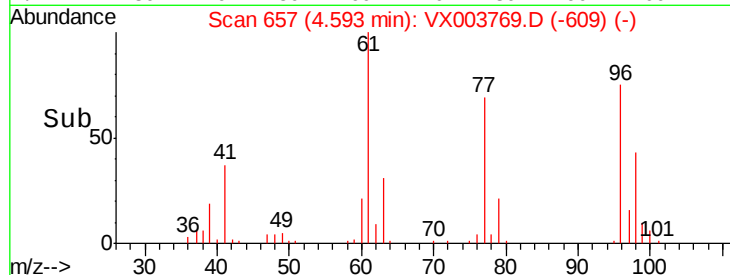
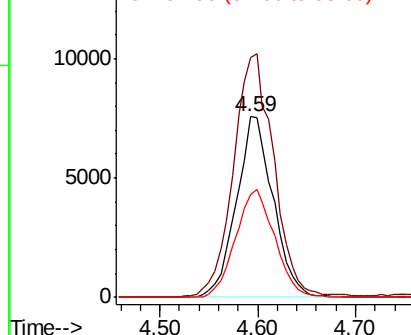
96 100

61 148.8 0.0 285.6

98 63.3 0.0 131.0



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



#28

Bromochloromethane

Concen: 17.11 ug/l

RT: 5.02 min Scan# 727

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

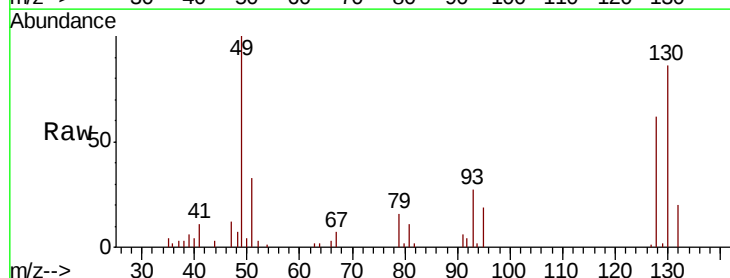
Tgt Ion: 49 Resp: 12595

Ion Ratio Lower Upper

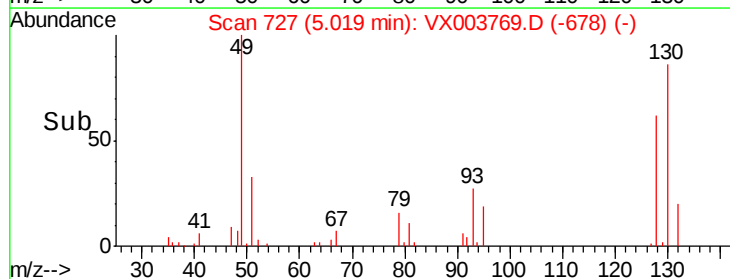
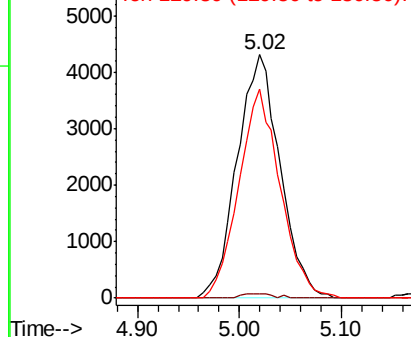
49 100

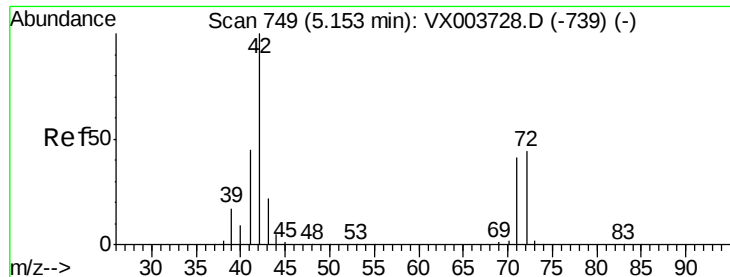
129 1.4 0.0 4.0

130 82.5 68.9 103.3



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





#29

Tetrahydrofuran

Concen: 100.82 ug/l

RT: 5.16 min Scan# 750

Delta R.T. 0.01 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS02

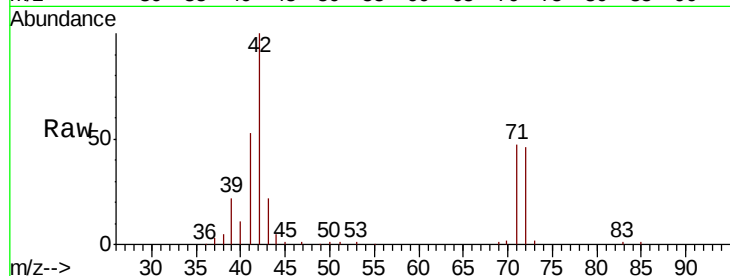
Tot Ion: 42 Resp: 35596

Ion Ratio Lower Upper

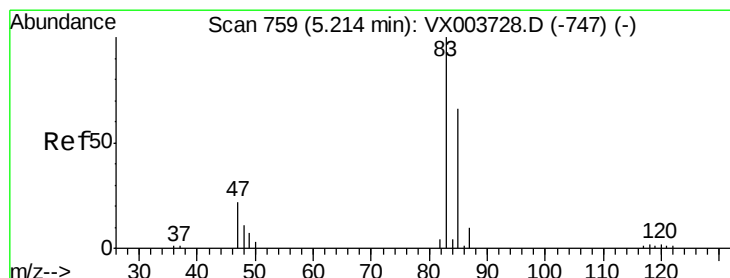
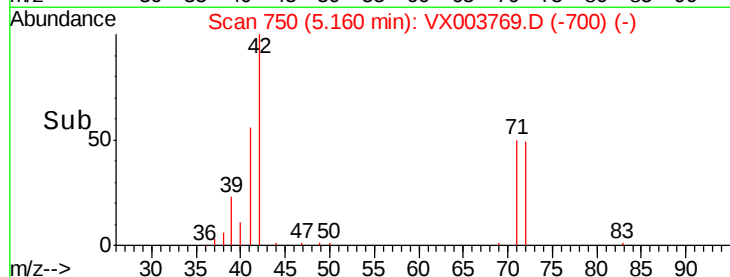
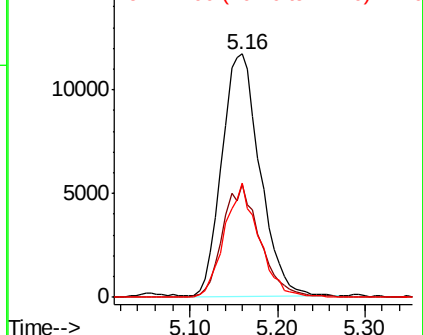
42 100

72 45.2 35.6 53.4

71 42.2 33.4 50.0



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: 18.76 ug/l

RT: 5.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX003769.D

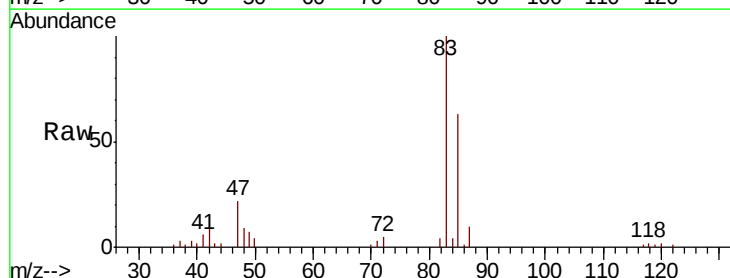
Acq: 01 Aug 2018 00:58

Tgt Ion: 83 Resp: 30328

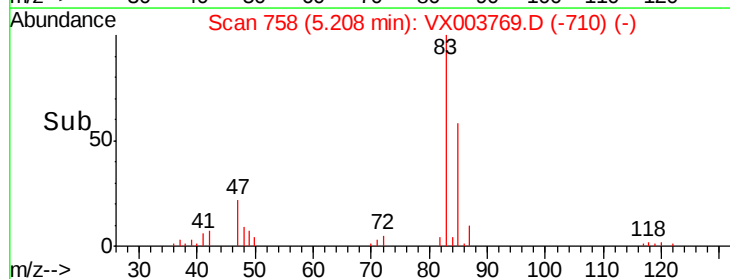
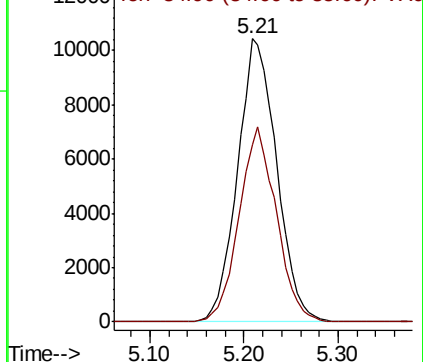
Ion Ratio Lower Upper

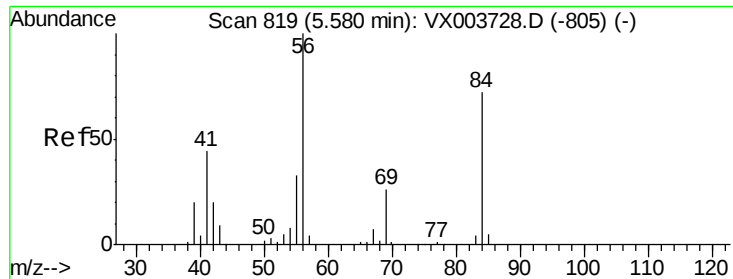
83 100

85 62.5 52.8 79.2



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

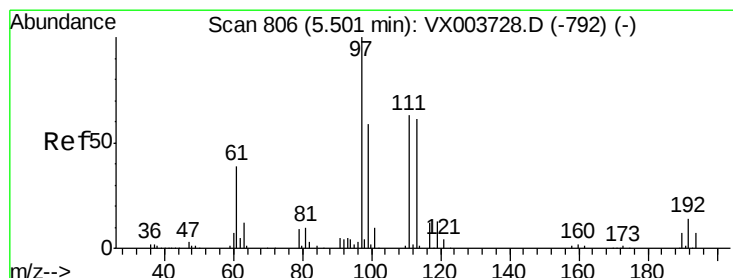
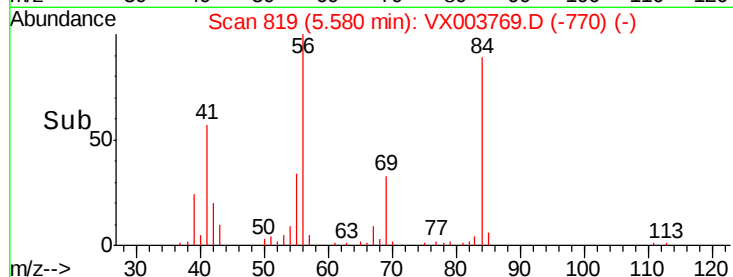
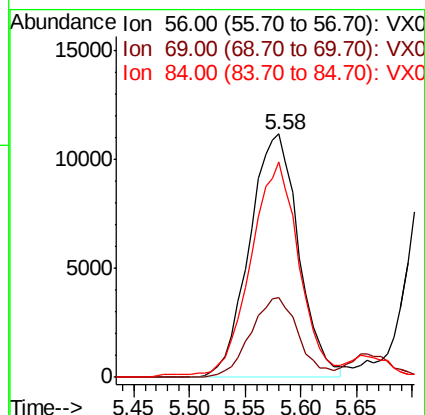
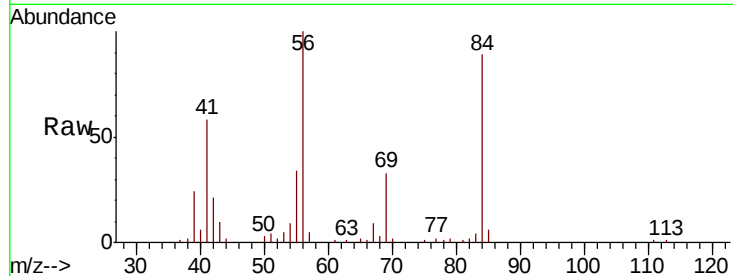




#31
Cyclohexane
Concen: 21.62 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

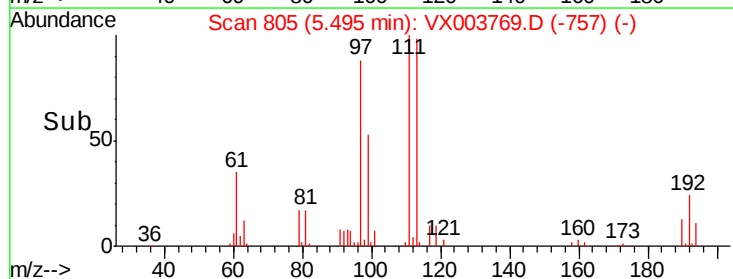
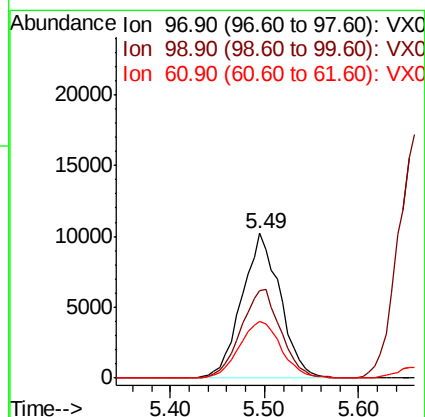
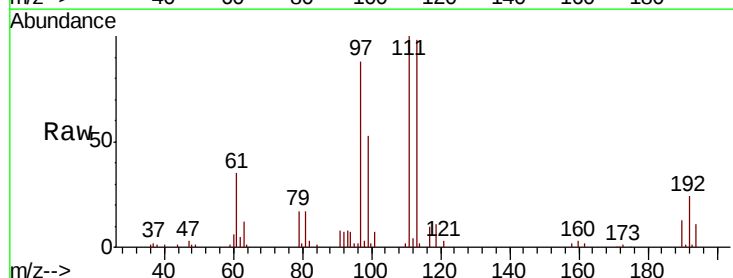
Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

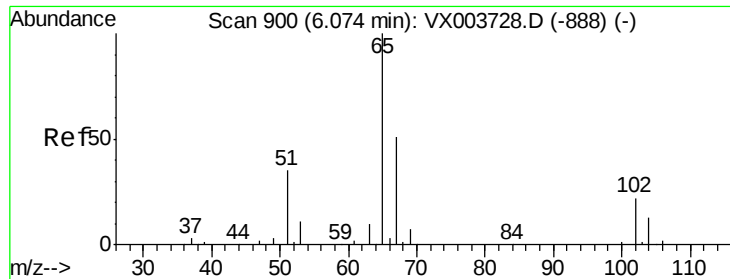
Tot Ion: 56 Resp: 34263
Ion Ratio Lower Upper
56 100
69 32.6 20.6 30.8#
84 87.4 57.9 86.9#



#32
1,1,1-Trichloroethane
Concen: 20.95 ug/l
RT: 5.49 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Tgt Ion: 97 Resp: 29112
Ion Ratio Lower Upper
97 100
99 63.2 51.4 77.2
61 42.4 33.4 50.2





#33

1,2-Dichloroethane-d4

Concen: 41.20 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

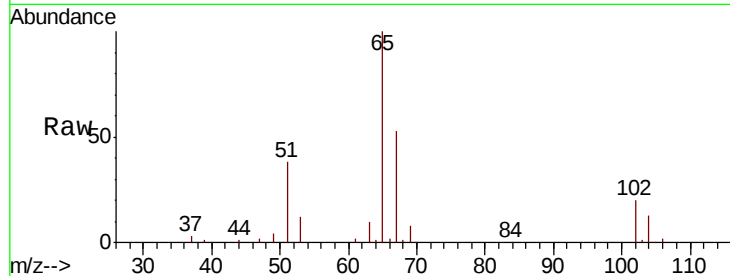
VX0731SBS02

Tot Ion: 65 Resp: 40988

Ion Ratio Lower Upper

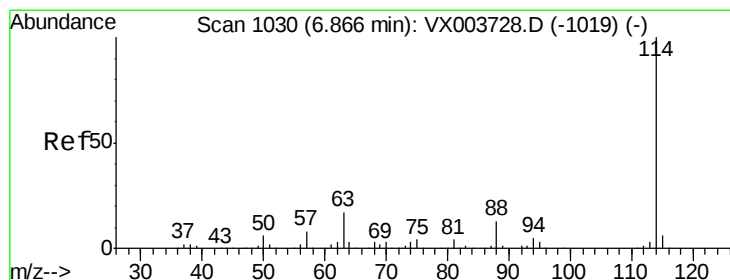
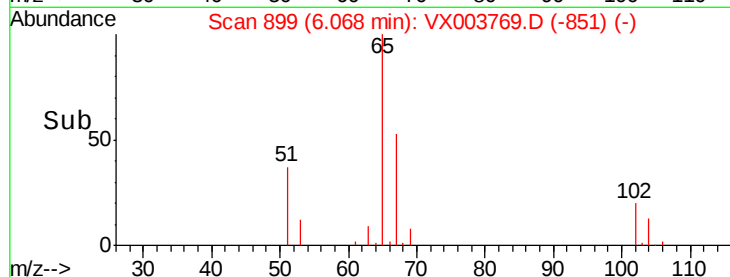
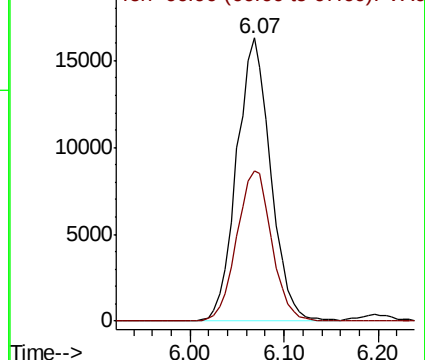
65 100

67 54.5 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

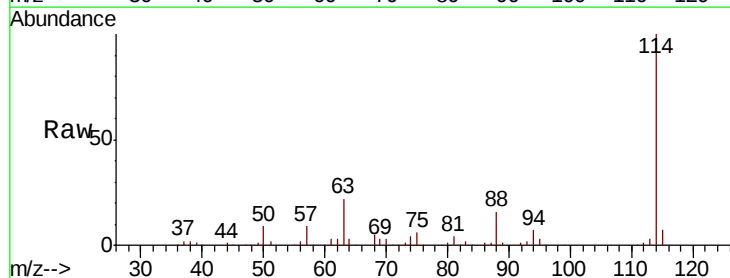
Tgt Ion: 114 Resp: 126872

Ion Ratio Lower Upper

114 100

63 21.6 0.0 34.0

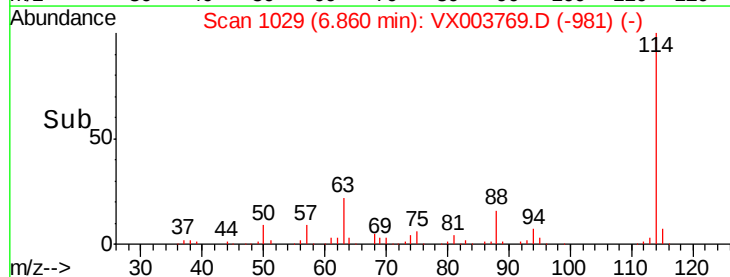
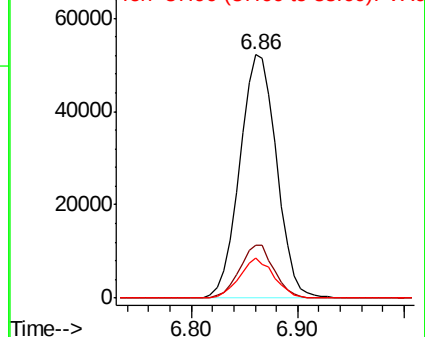
88 16.4 0.0 26.4

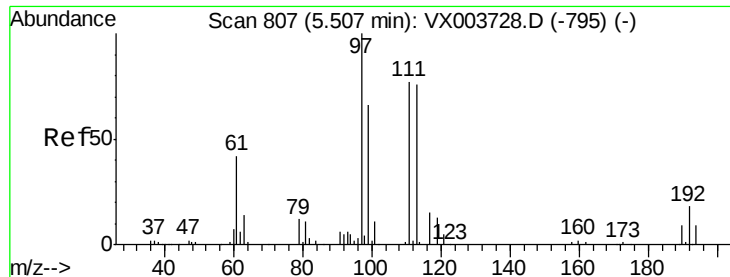


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

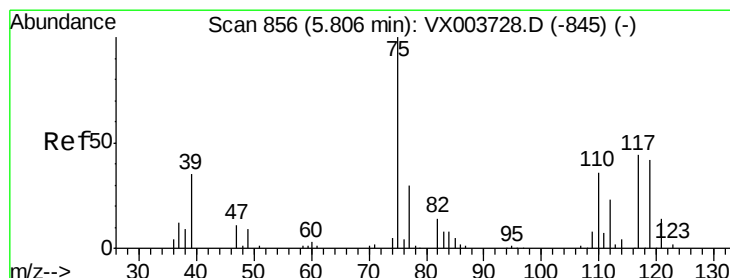
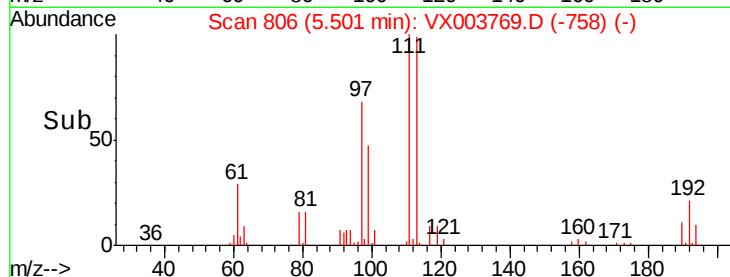
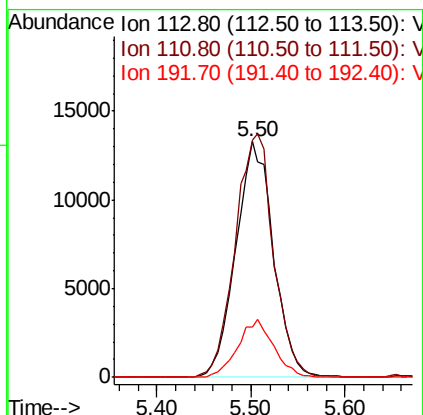
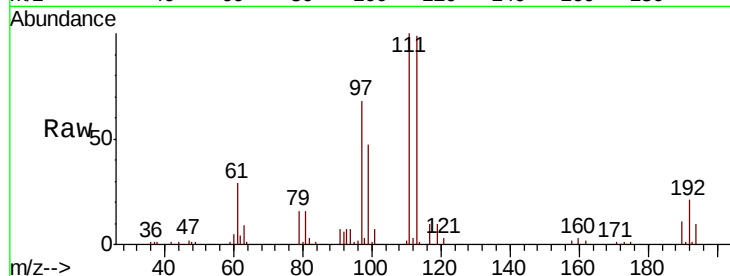




#35
 Dibromofluoromethane
 Concen: 49.49 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX003769.D
 Acq: 01 Aug 2018 00:58

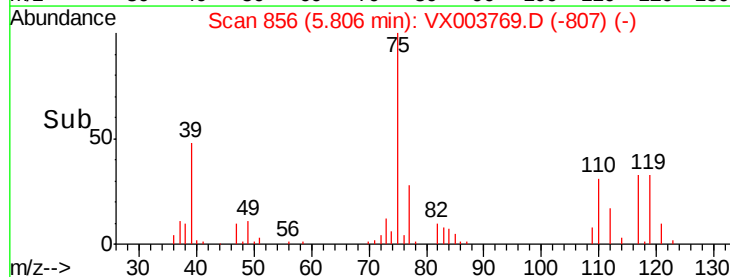
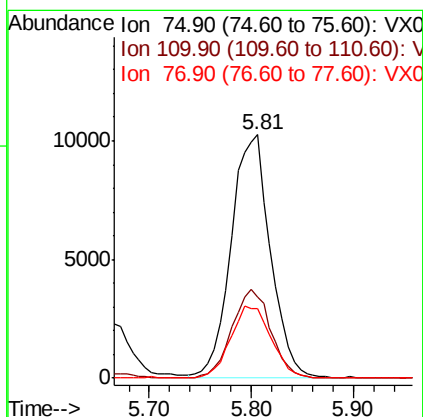
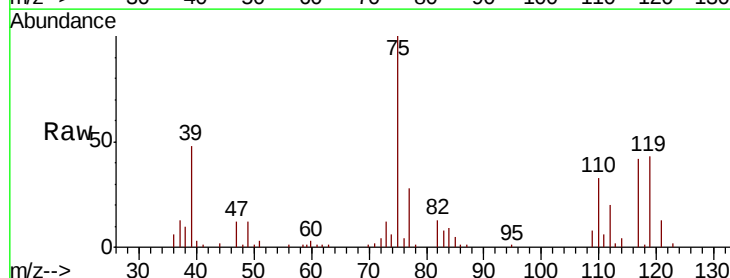
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBSD02

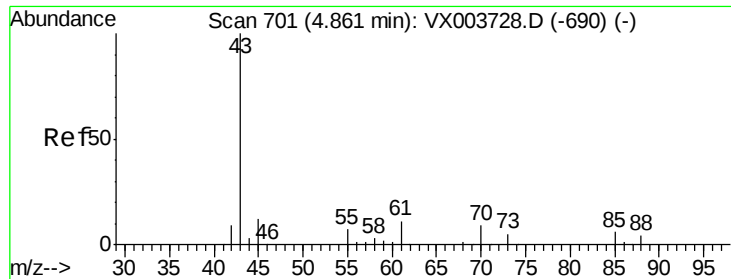
Tot Ion:113 Resp: 36973
 Ion Ratio Lower Upper
 113 100
 111 105.0 81.8 122.6
 192 23.4 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 23.07 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX003769.D
 Acq: 01 Aug 2018 00:58

Tgt Ion: 75 Resp: 27411
 Ion Ratio Lower Upper
 75 100
 110 35.9 18.3 54.8
 77 30.6 25.1 37.7

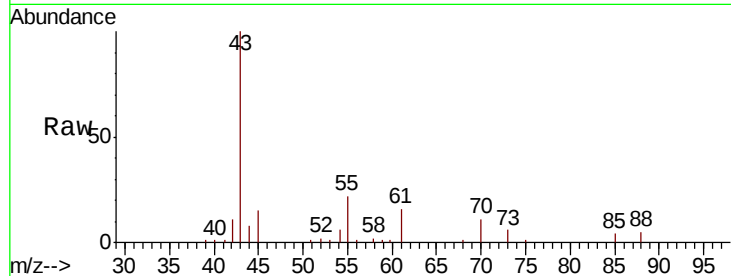




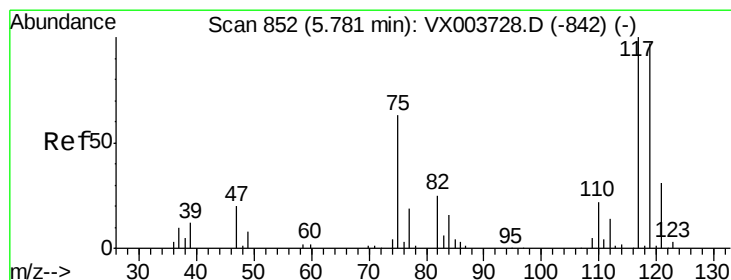
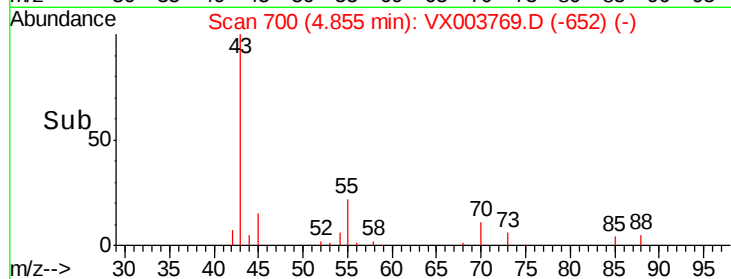
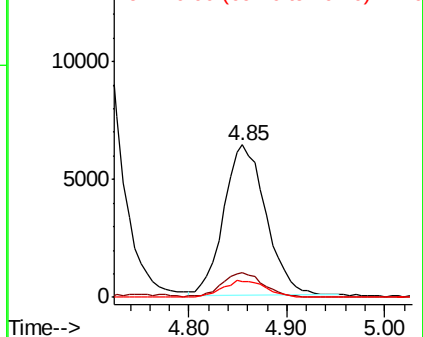
#37
Ethyl Acetate
Concen: 21.02 ug/l
RT: 4.85 min Scan# 700
Delta R.T. -0.01 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Instrument :
MSVOA_X
ClientSampleID :
VX0731SBS02

Tot Ion: 43 Resp: 19185
Ion Ratio Lower Upper
43 100
61 16.2 11.4 17.0
70 11.3 8.2 12.2

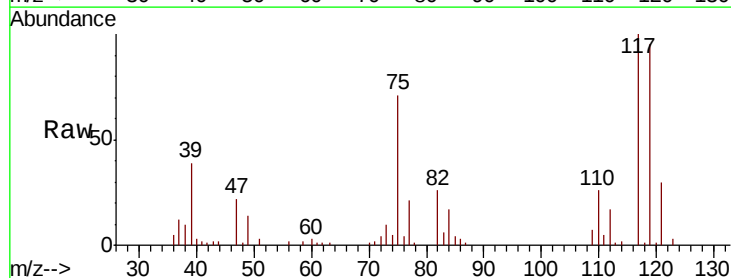


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

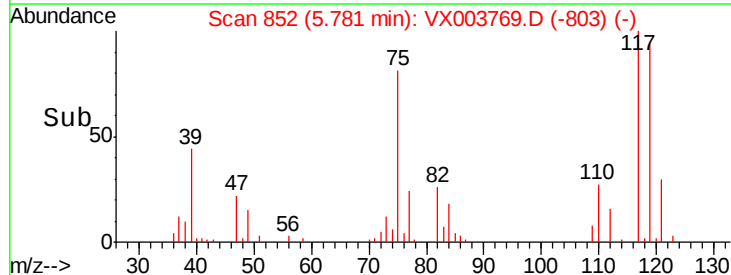
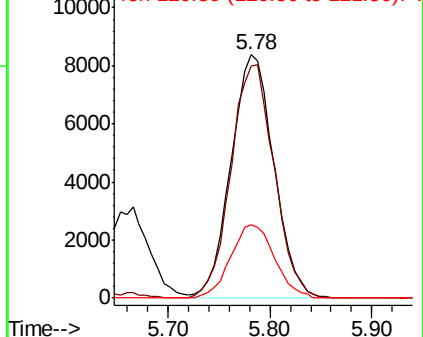


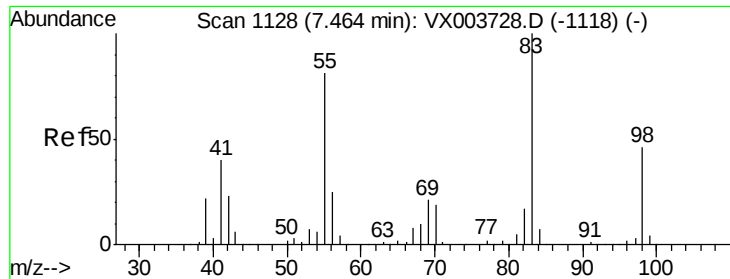
#38
Carbon Tetrachloride
Concen: 22.31 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Tgt Ion: 117 Resp: 24519
Ion Ratio Lower Upper
117 100
119 95.4 77.2 115.8
121 30.3 25.0 37.4



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

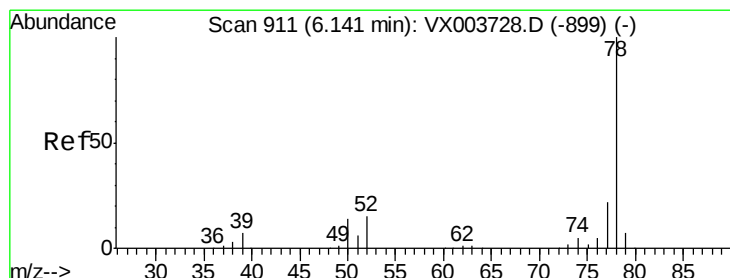
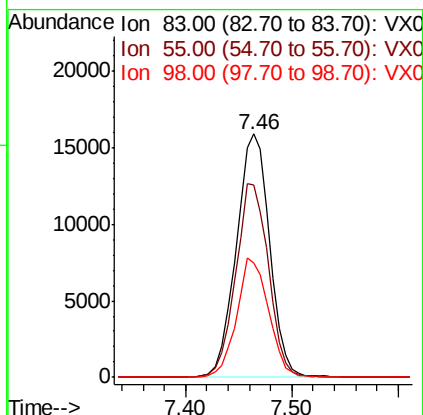
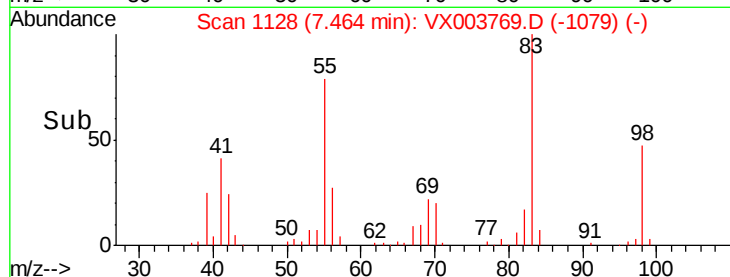
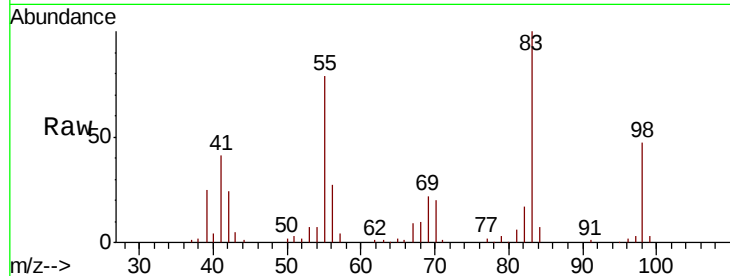




#39
Methvlcvclohexane
Concen: 23.97 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

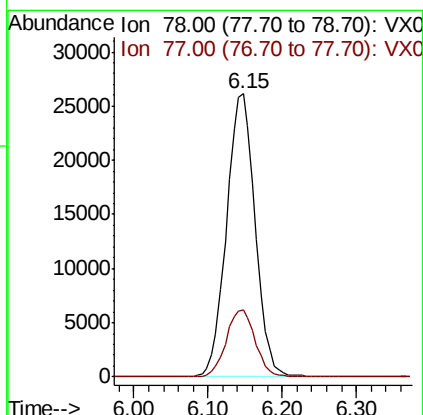
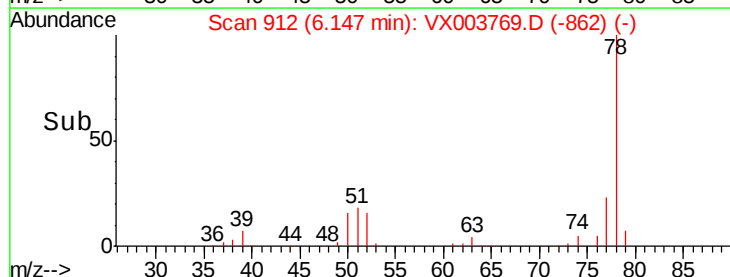
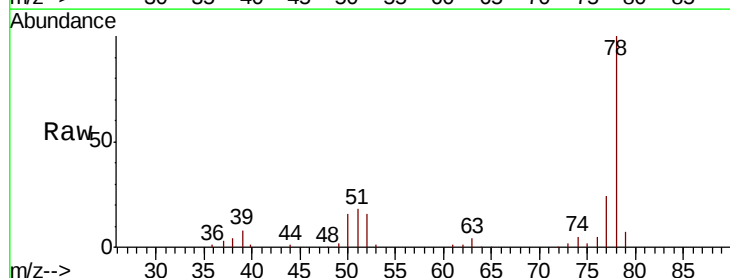
Instrument :
MSVOA_X
ClientSampleId :
VX0731SBSD02

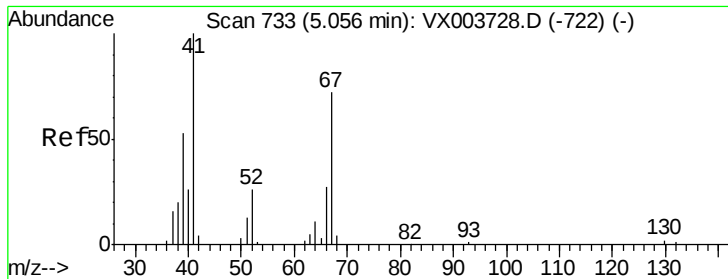
Tot Ion: 83 Resp: 34966
Ion Ratio Lower Upper
83 100
55 79.1 65.0 97.6
98 46.7 37.1 55.7



#40
Benzene
Concen: 20.62 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Tgt Ion: 78 Resp: 70208
Ion Ratio Lower Upper
78 100
77 23.7 17.9 26.9

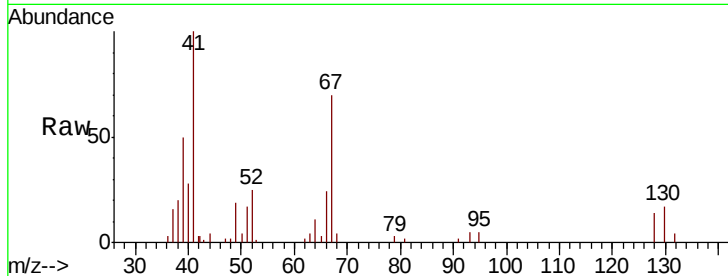




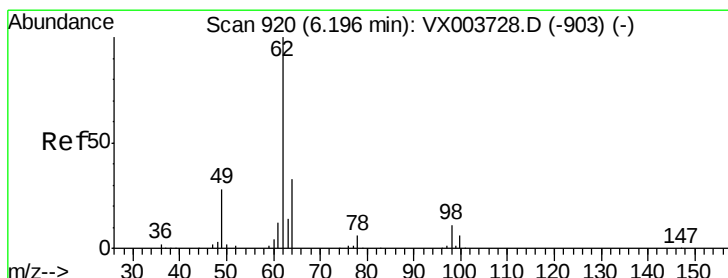
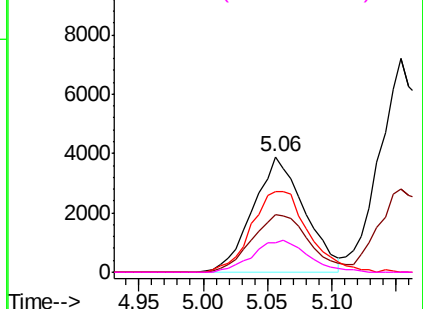
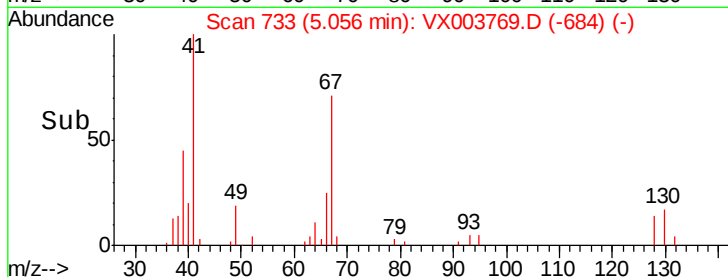
#41
Methacrylonitrile
Concen: 21.01 ug/l
RT: 5.06 min Scan# 733
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBSD02

Tot Ion:	41	Resp:	10807
Ion	Ratio	Lower	Upper
41	100		
39	55.8	42.6	64.0
67	76.7	58.9	88.3
52	29.7	22.9	34.3

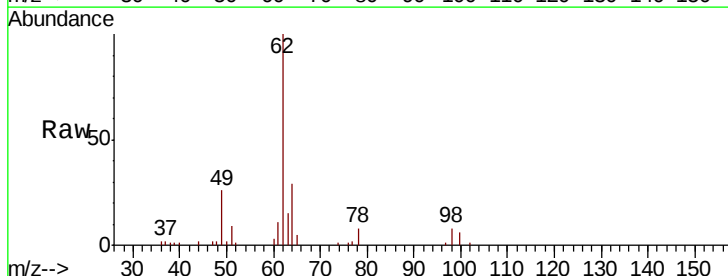


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

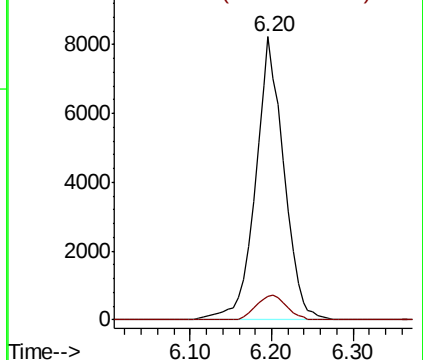
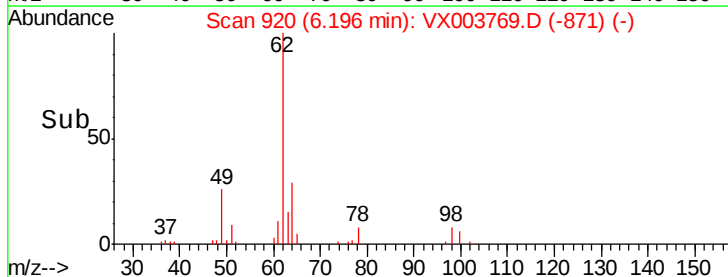


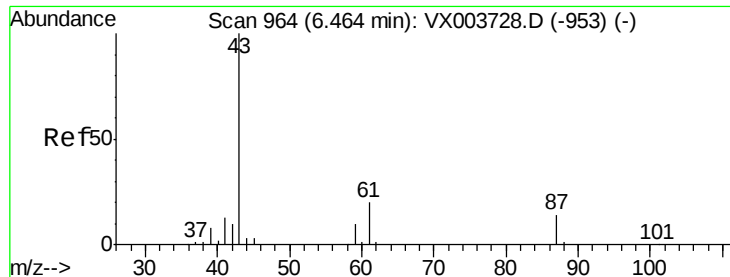
#42
1,2-Dichloroethane
Concen: 19.37 ug/l
RT: 6.20 min Scan# 920
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Tgt Ion:	62	Resp:	19918
Ion	Ratio	Lower	Upper
62	100		
98	9.4	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: 19.05 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS02

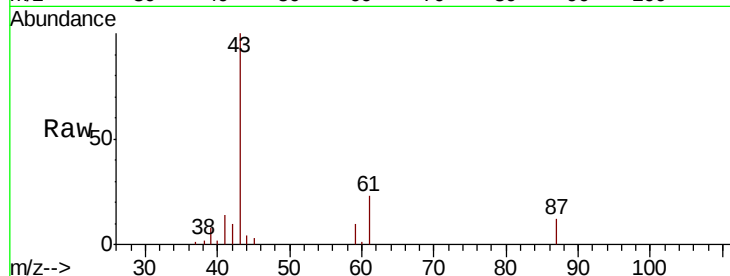
Tot Ion: 43 Resp: 27697

Ion Ratio Lower Upper

43 100

61 20.6 16.5 24.7

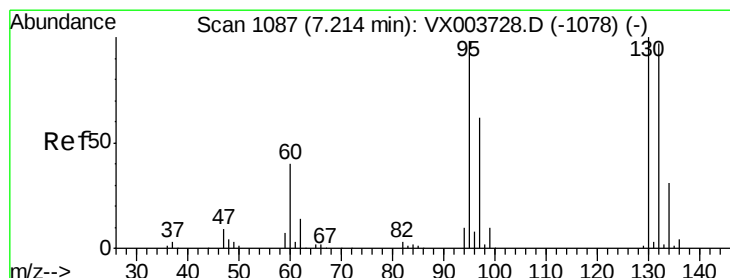
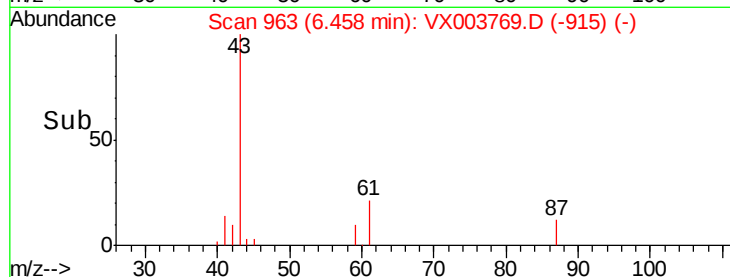
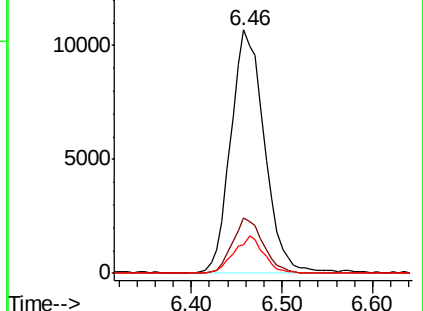
87 13.4 10.7 16.1



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: 21.32 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003769.D

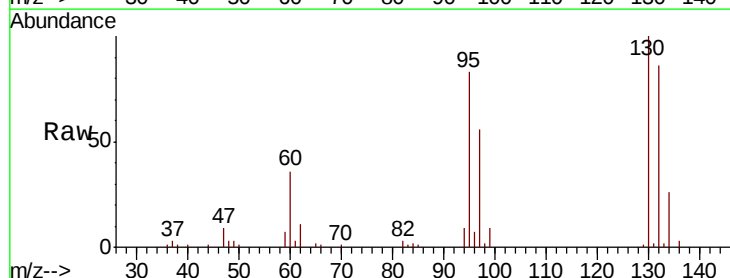
Acq: 01 Aug 2018 00:58

Tgt Ion: 130 Resp: 20706

Ion Ratio Lower Upper

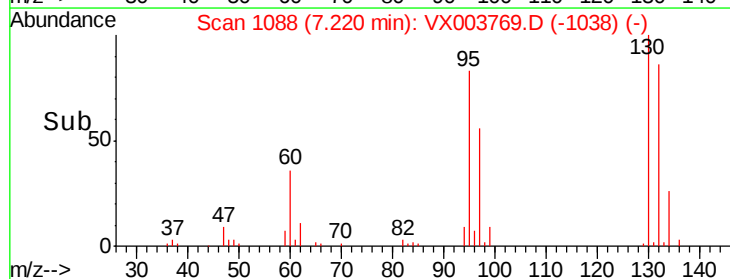
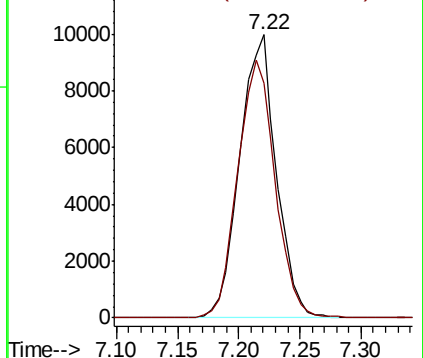
130 100

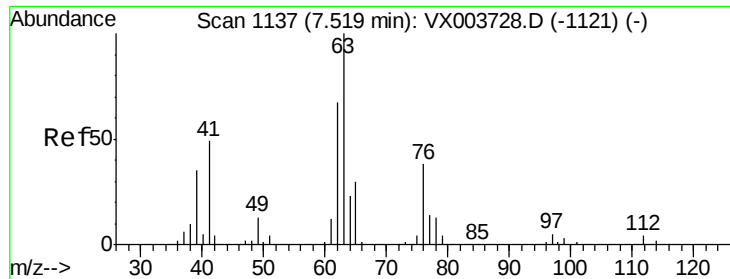
95 82.9 0.0 196.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.72 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

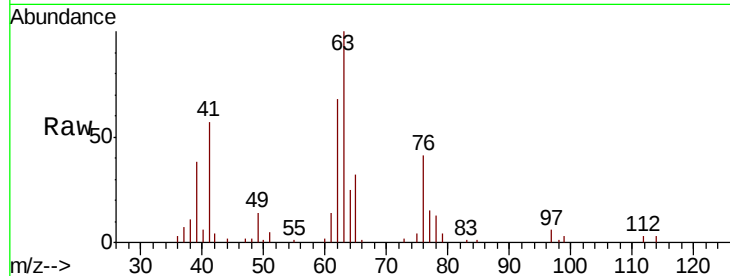
VX0731SBS02

Tot Ion: 63 Resp: 16512

Ion Ratio Lower Upper

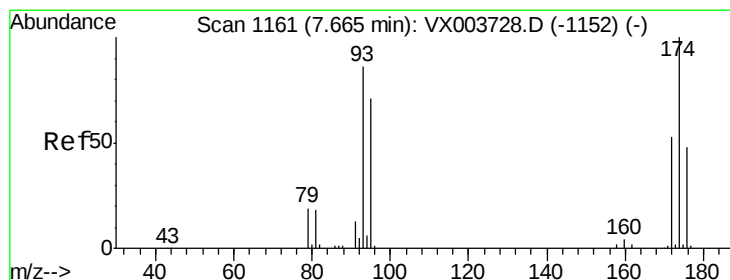
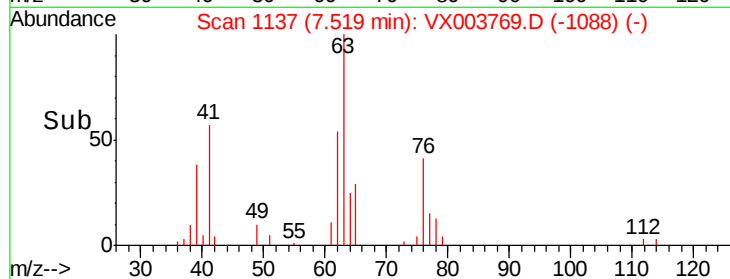
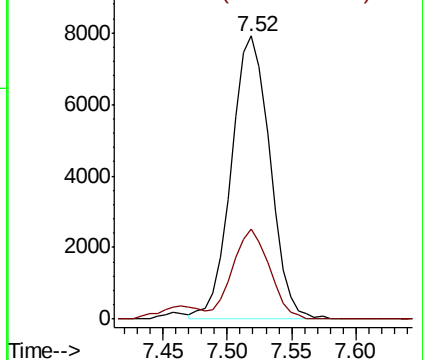
63 100

65 32.0 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.53 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

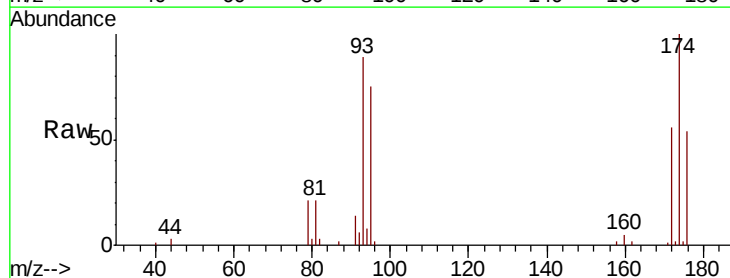
Tgt Ion: 93 Resp: 8459

Ion Ratio Lower Upper

93 100

95 83.5 68.1 102.1

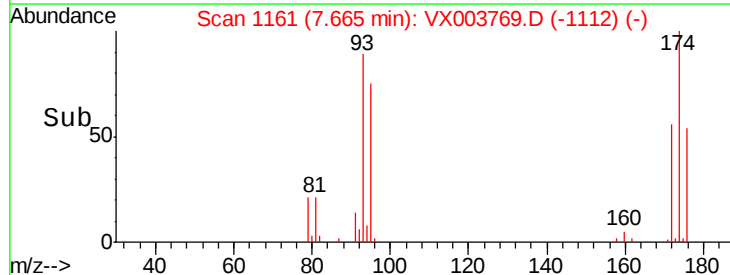
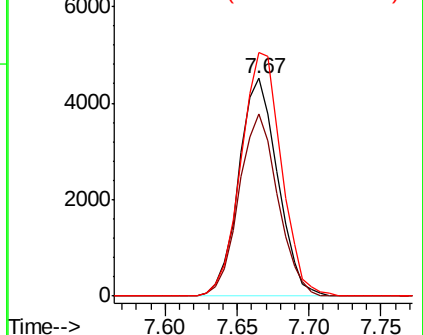
174 116.0 96.2 144.4

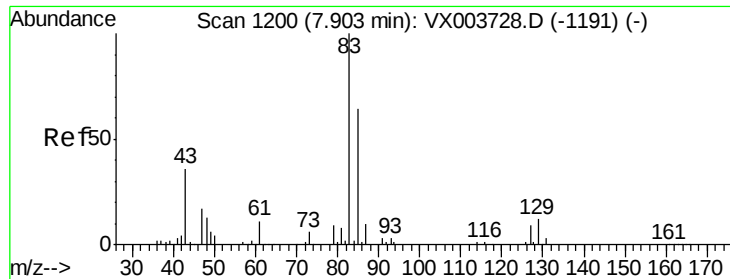


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.80 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBSD02

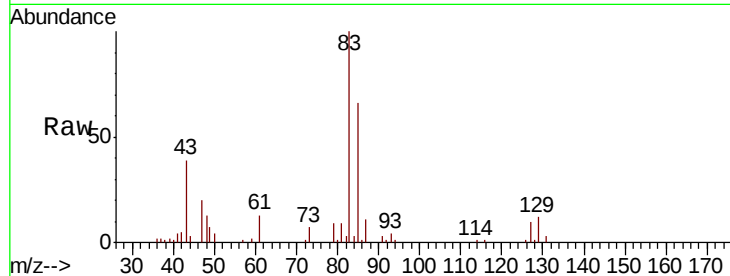
Tot Ion: 83 Resp: 18079

Ion Ratio Lower Upper

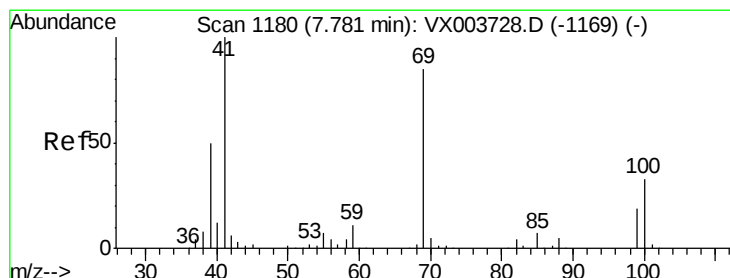
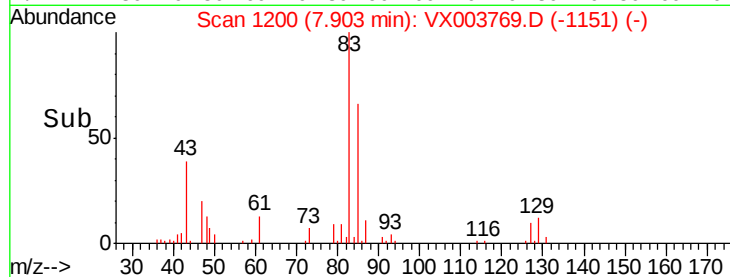
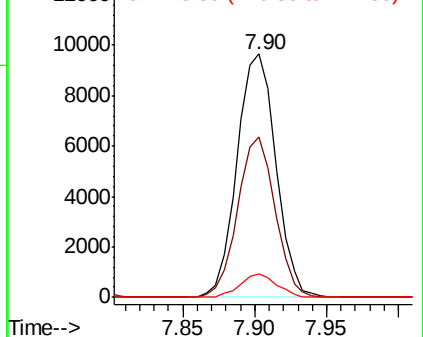
83 100

85 65.8 51.1 76.7

127 9.7 7.1 10.7



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: 18.91 ug/l

RT: 7.77 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

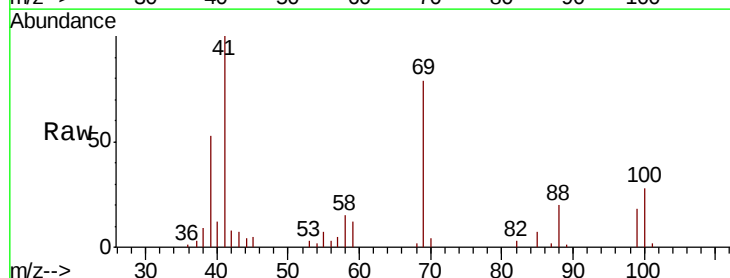
Tgt Ion: 41 Resp: 13793

Ion Ratio Lower Upper

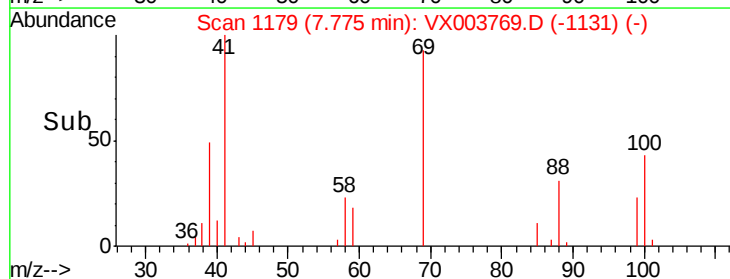
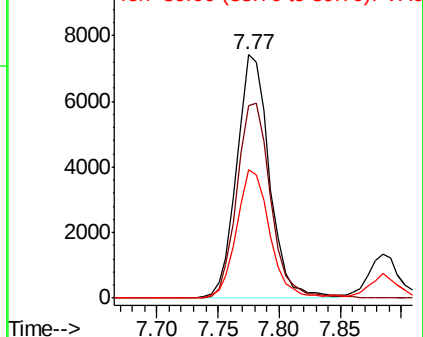
41 100

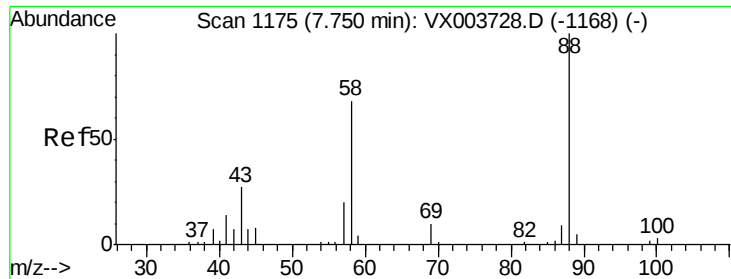
69 82.9 68.7 103.1

39 53.3 40.8 61.2



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

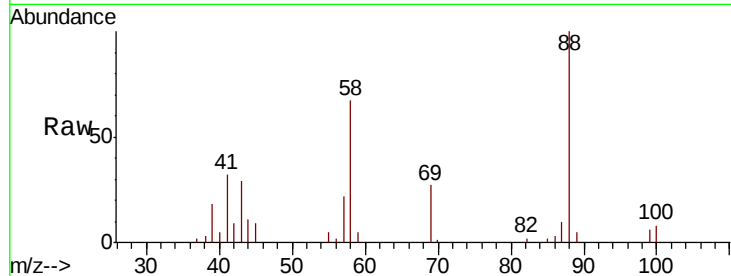




#49
1,4-Dioxane
Concen: 525.19 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.01 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.7	26.0	39.0
58	71.2	57.1	85.7

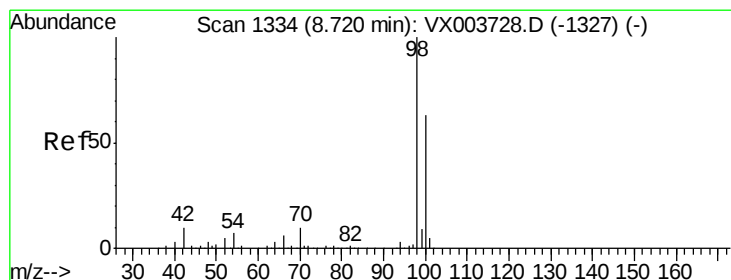
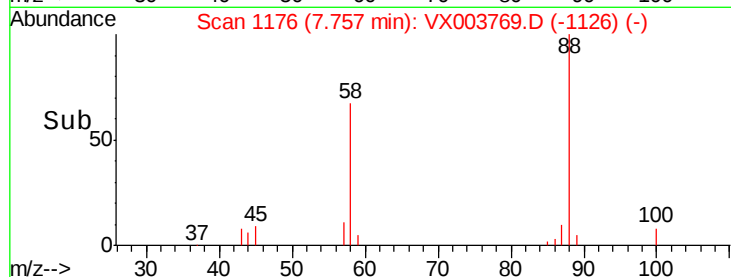
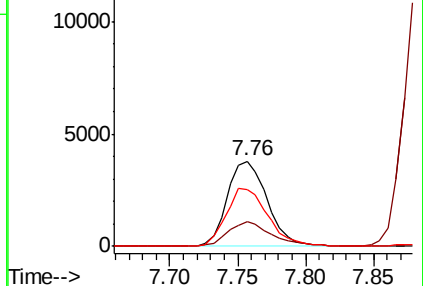


Abundance

Ion 88.00 (87.70 to 88.70): VX0

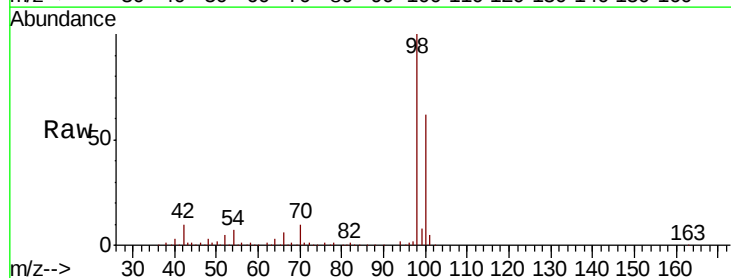
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 54.02 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

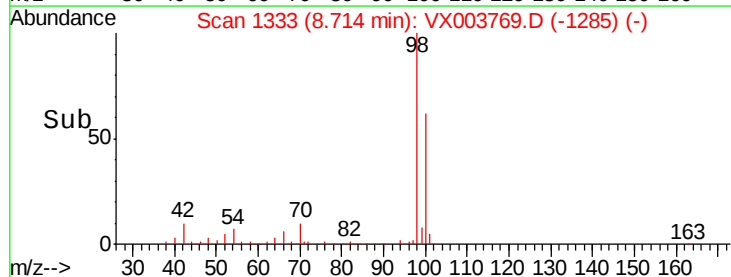
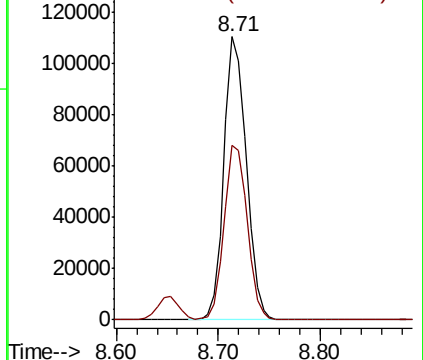
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.4	77.0

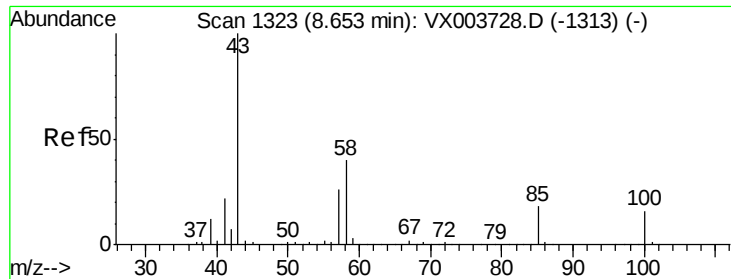


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 101.33 ug/l

RT: 8.65 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

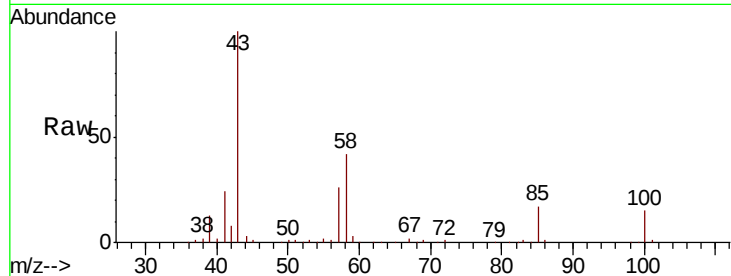
VX0731SBS02

Tot Ion: 43 Resp: 90559

Ion Ratio Lower Upper

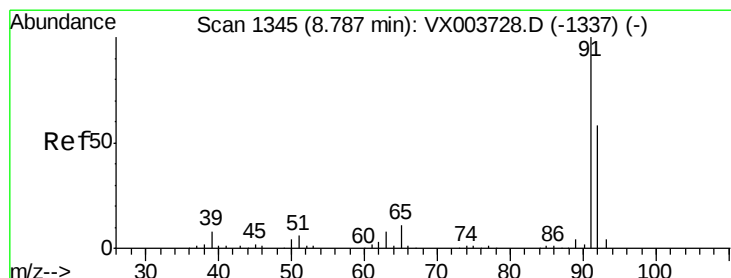
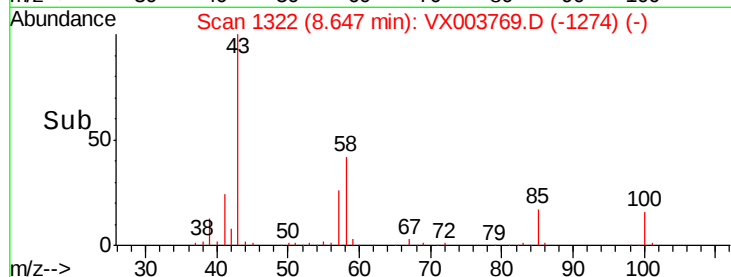
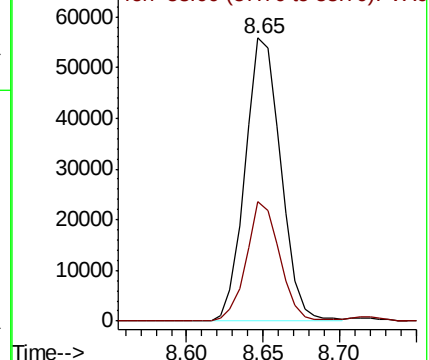
43 100

58 39.3 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.94 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003769.D

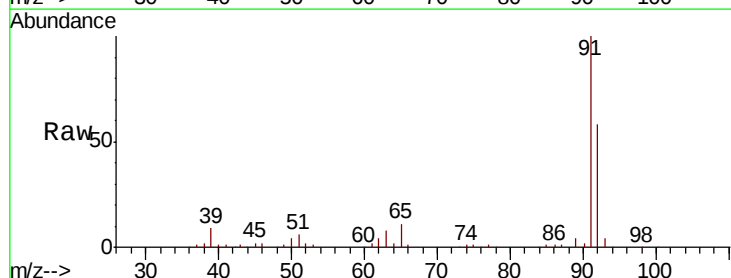
Acq: 01 Aug 2018 00:58

Tgt Ion: 92 Resp: 44475

Ion Ratio Lower Upper

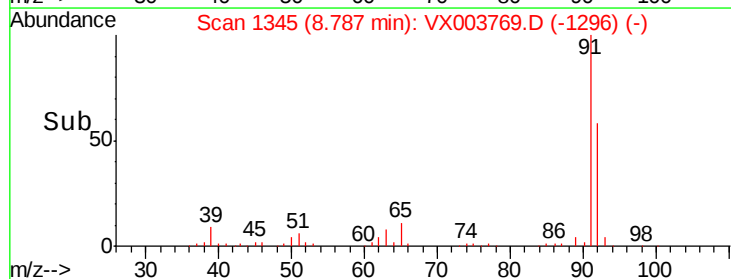
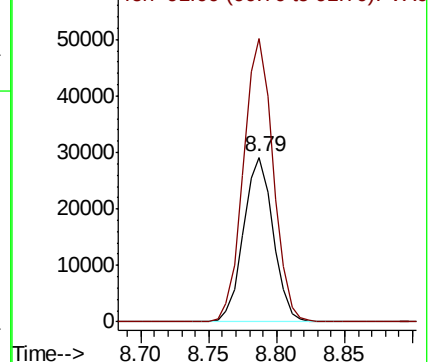
92 100

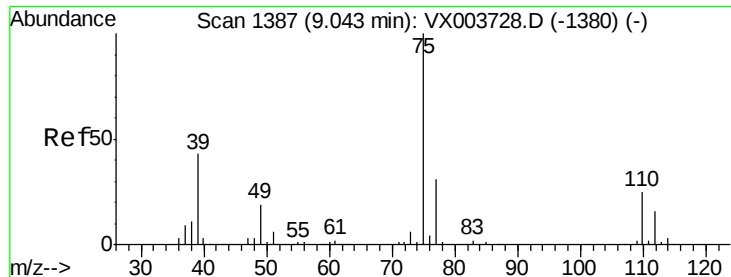
91 172.7 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 17.78 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

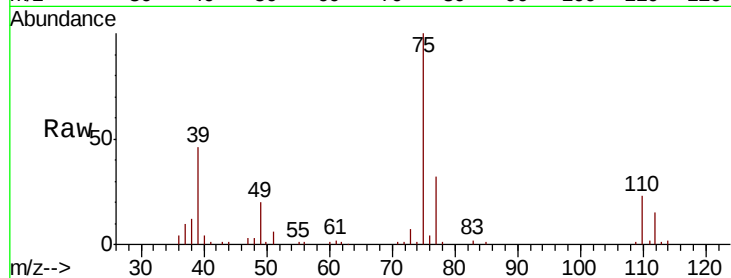
VX0731SBS02

Tot Ion: 75 Resp: 19526

Ion Ratio Lower Upper

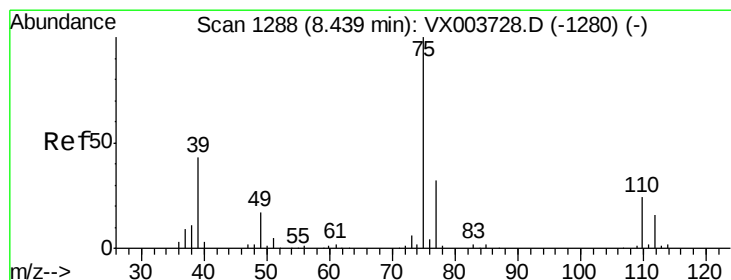
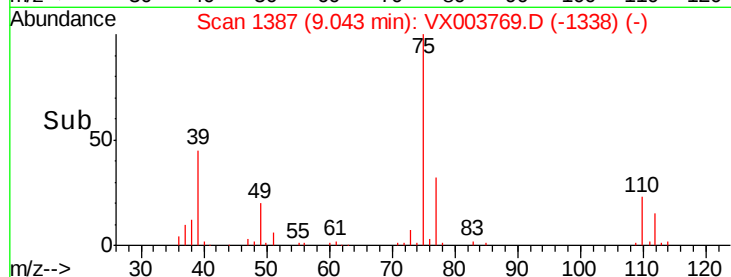
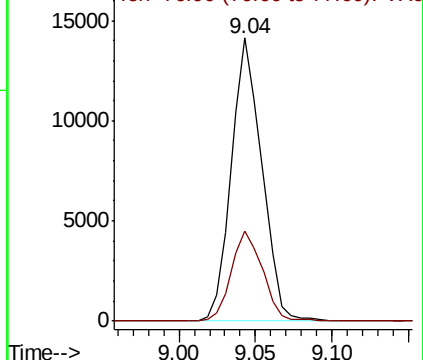
75 100

77 31.6 24.9 37.3



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: 17.60 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

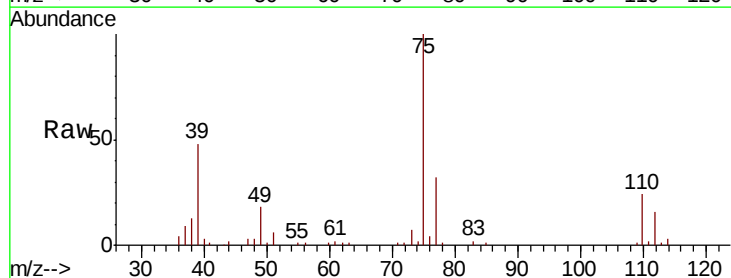
Tgt Ion: 75 Resp: 21542

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

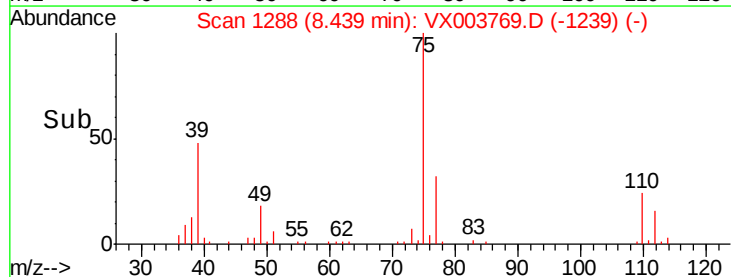
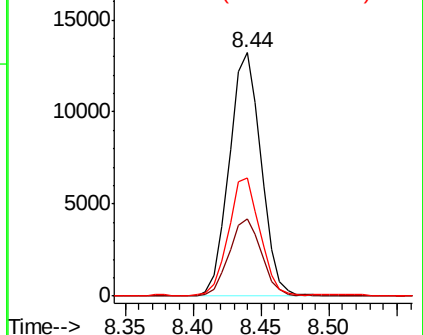
39 47.9 34.1 51.1

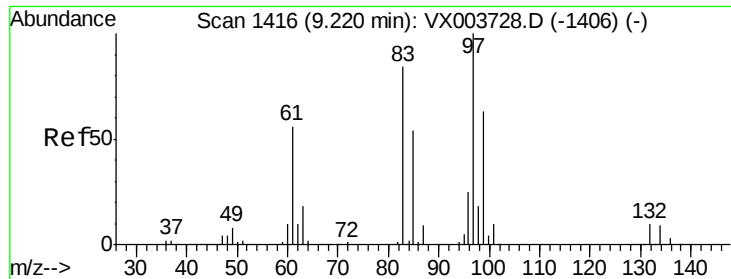


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

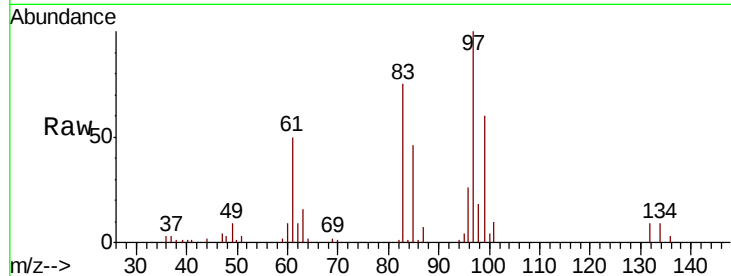




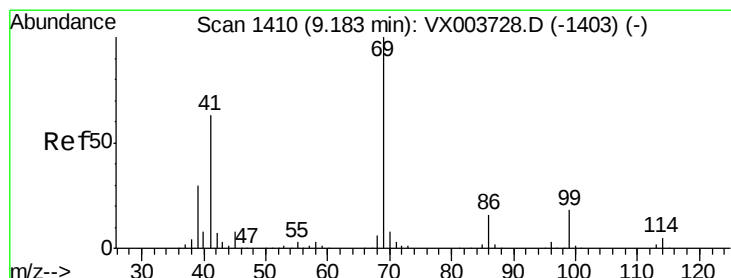
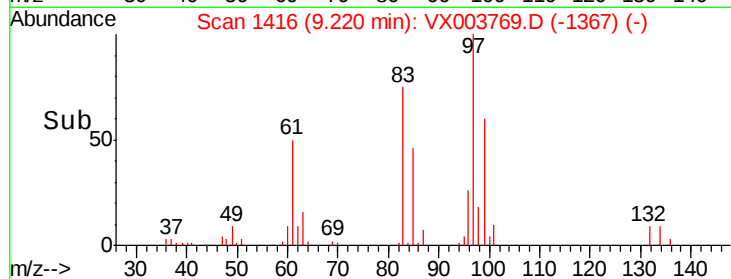
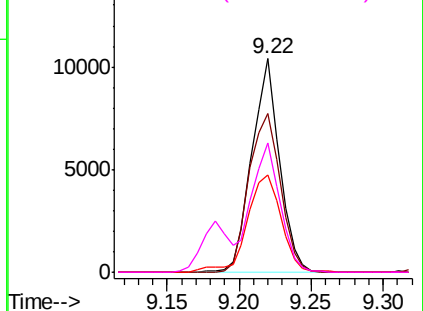
#55
 1,1,2-Trichloroethane
 Concen: 18.85 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003769.D
 Acq: 01 Aug 2018 00:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS02

Tot Ion:	97	Resp:	13777
Ion	Ratio	Lower	Upper
97	100		
83	74.5	67.4	101.0
85	45.8	43.3	64.9
99	60.3	50.8	76.2

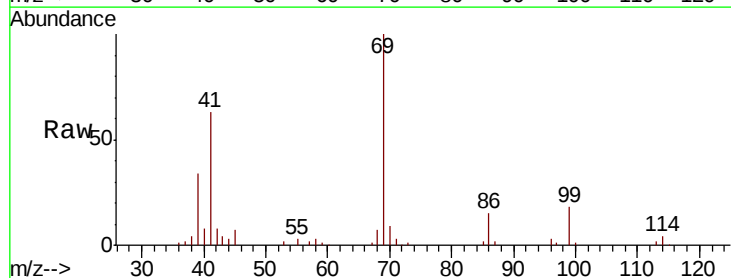


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

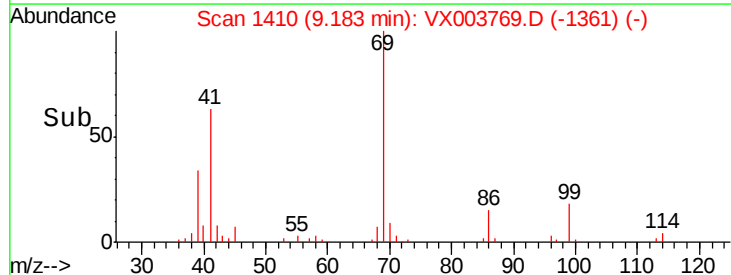
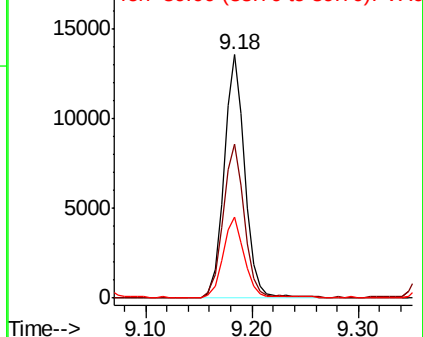


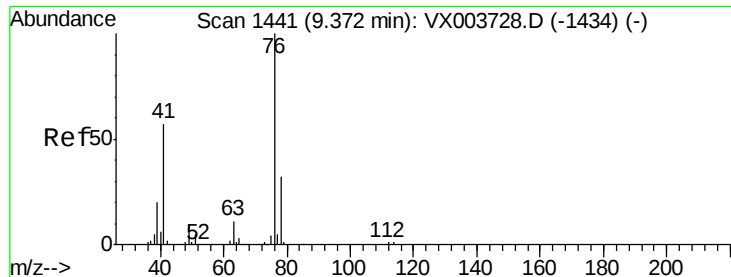
#56
 Ethyl methacrylate
 Concen: 18.39 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003769.D
 Acq: 01 Aug 2018 00:58

Tgt Ion:	69	Resp:	18462
Ion	Ratio	Lower	Upper
69	100		
41	64.6	51.6	77.4
39	34.2	25.1	37.7



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: 18.04 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

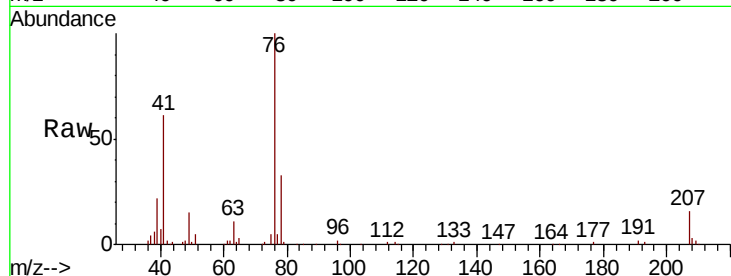
VX0731SBS02

Tot Ion: 76 Resp: 22136

Ion Ratio Lower Upper

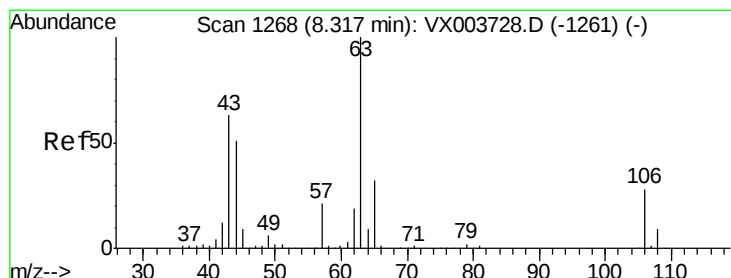
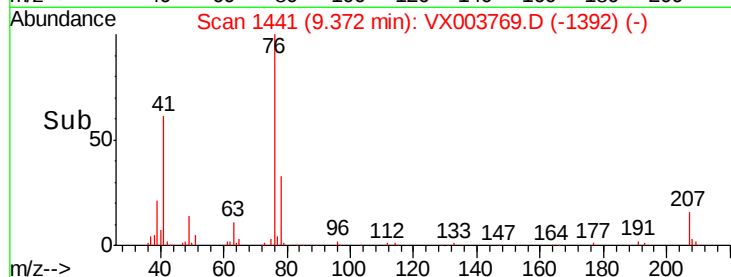
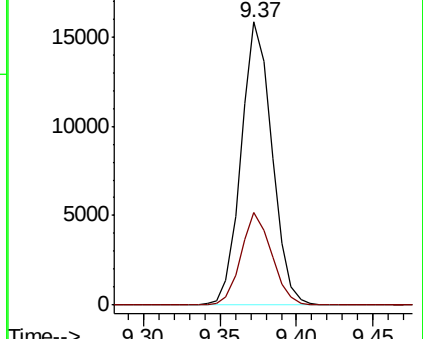
76 100

78 32.7 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 84.15 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003769.D

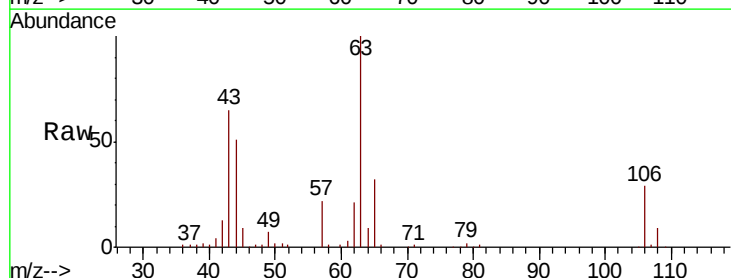
Acq: 01 Aug 2018 00:58

Tgt Ion: 63 Resp: 38950

Ion Ratio Lower Upper

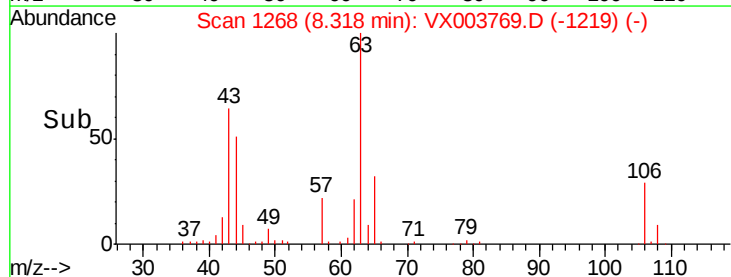
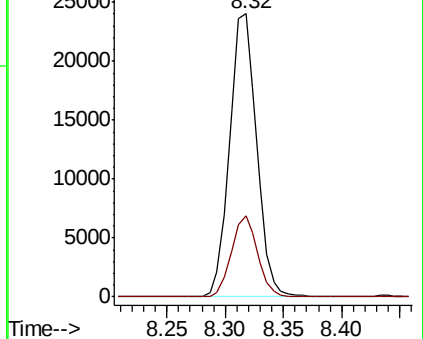
63 100

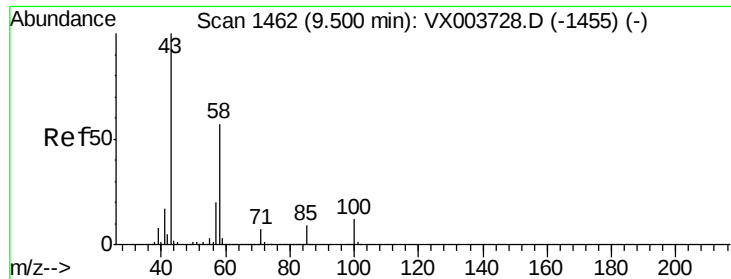
106 27.6 22.5 33.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

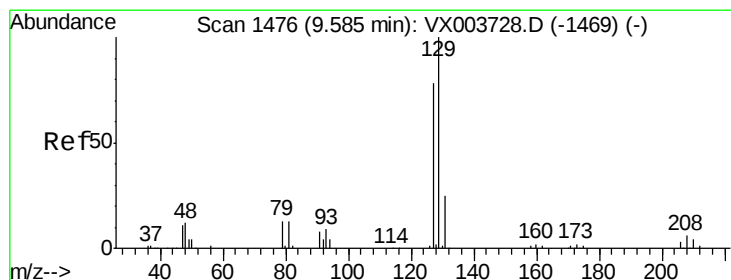
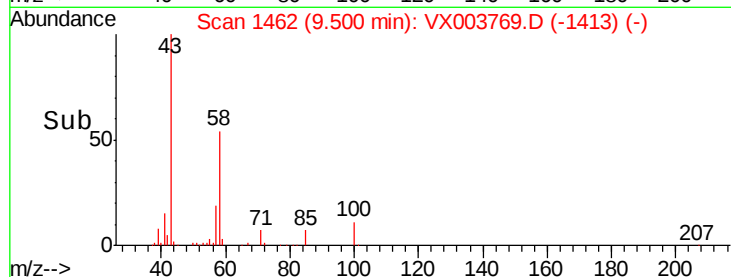
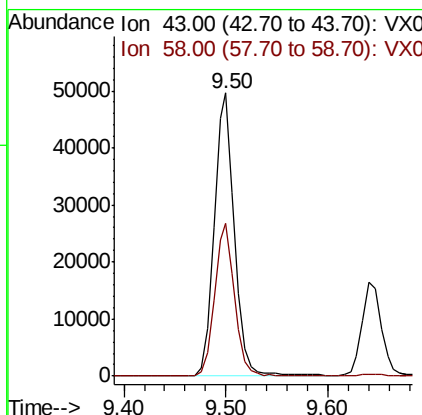
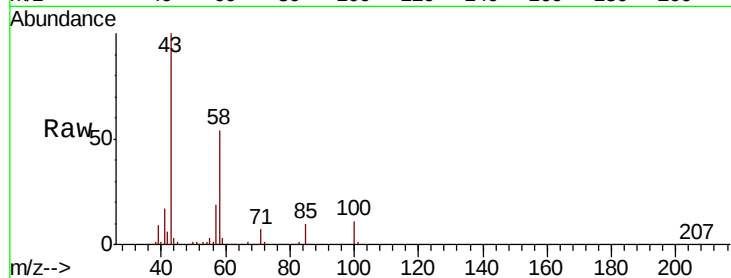




#59
2-Hexanone
Concen: 101.42 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

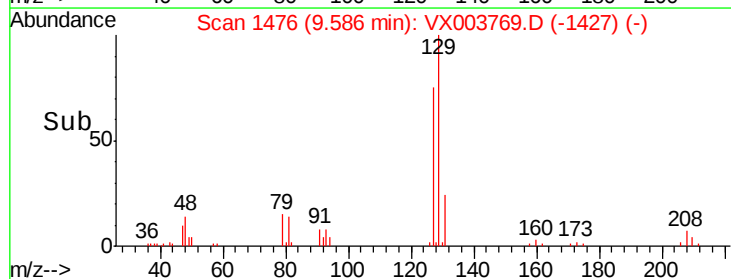
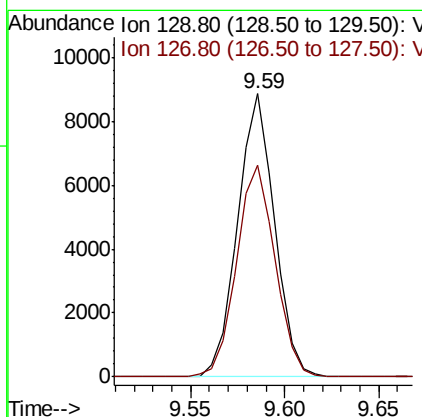
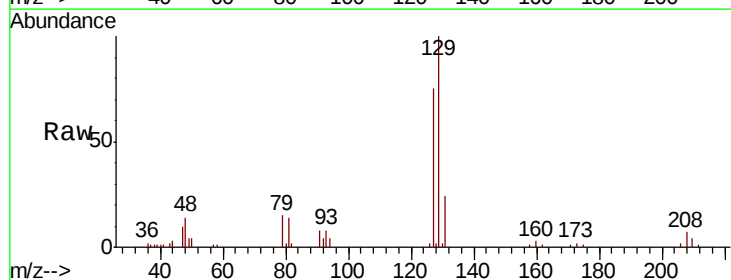
Instrument :
MSVOA_X
ClientSampleId :
VX0731SBSD02

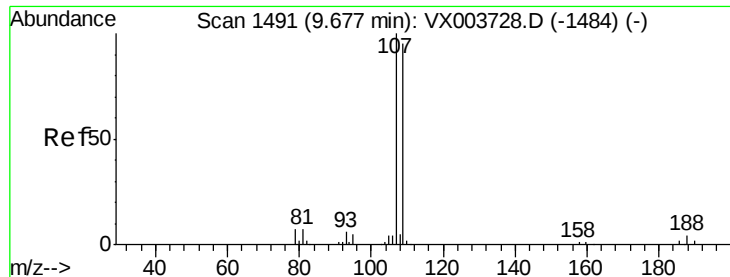
Tot Ion: 43 Resp: 69052
Ion Ratio Lower Upper
43 100
58 53.5 28.0 83.9



#60
Dibromochloromethane
Concen: 16.33 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Tgt Ion: 129 Resp: 12020
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.4





#61

1,2-Dibromoethane

Concen: 16.49 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.01 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

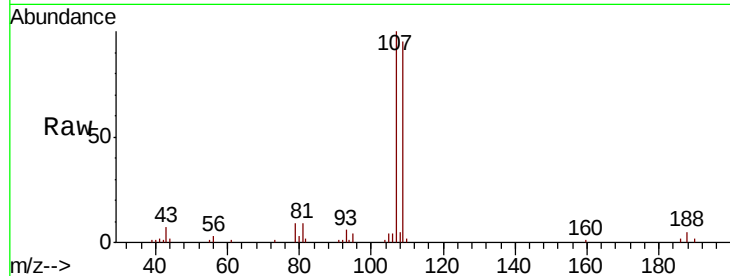
VX0731SBSD02

Tot Ion:107 Resp: 12308

Ion Ratio Lower Upper

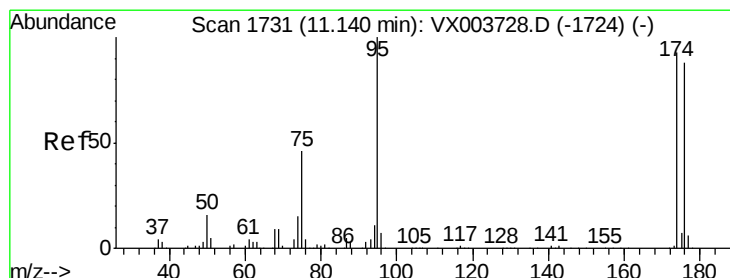
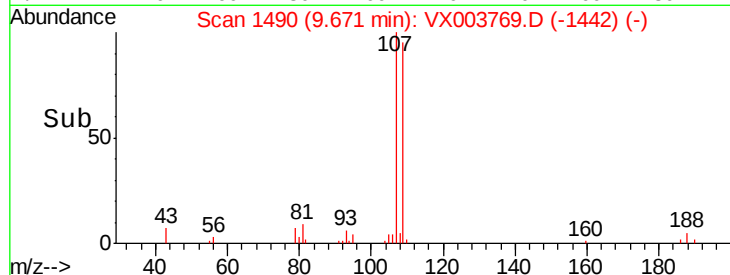
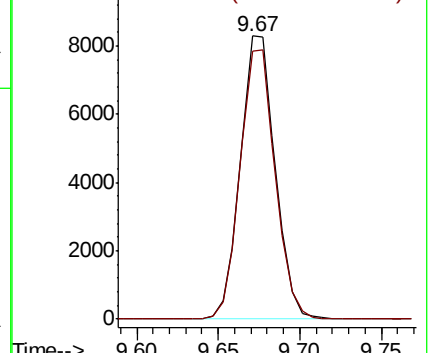
107 100

109 96.2 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 40.98 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

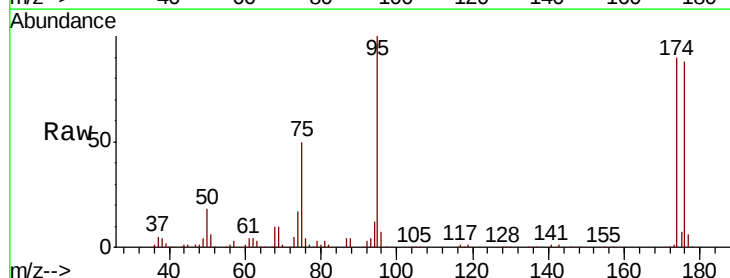
Tgt Ion: 95 Resp: 47057

Ion Ratio Lower Upper

95 100

174 89.2 0.0 186.2

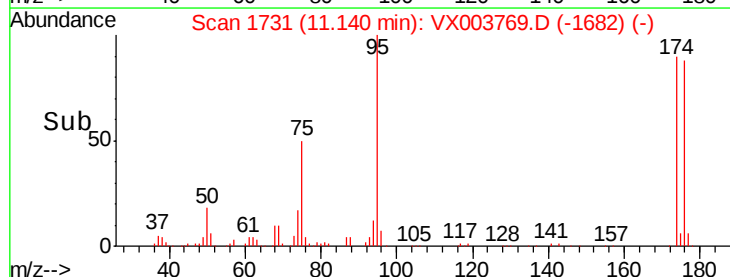
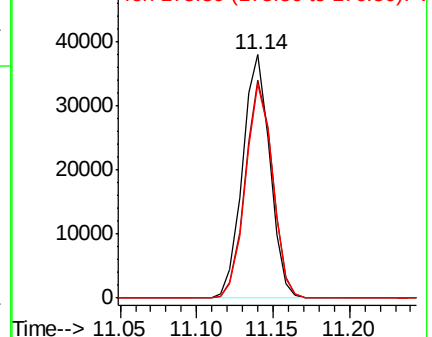
176 86.9 0.0 179.2

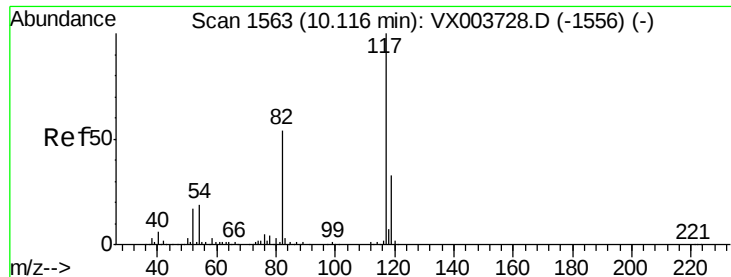


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

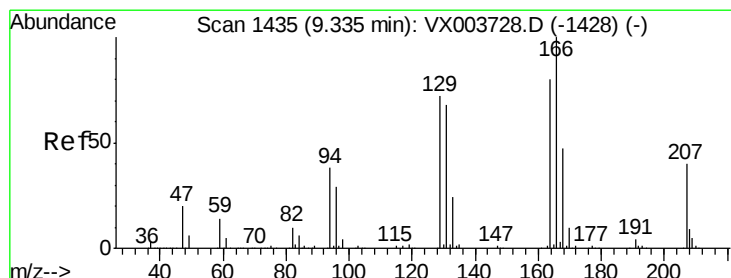
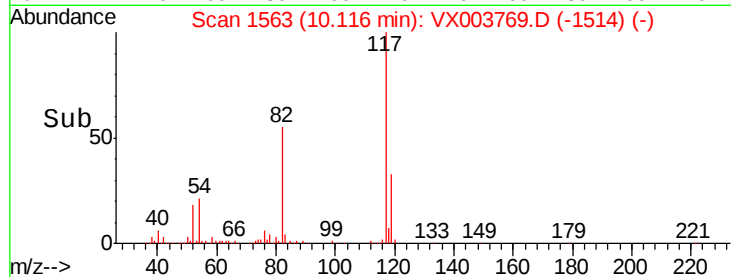
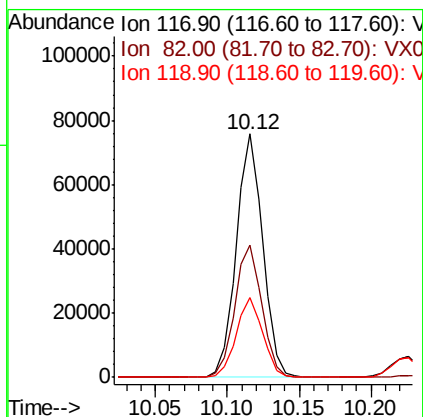
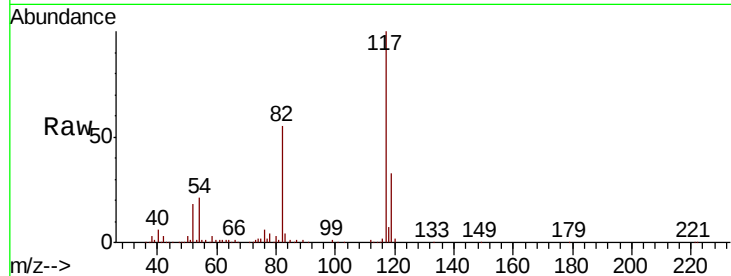




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

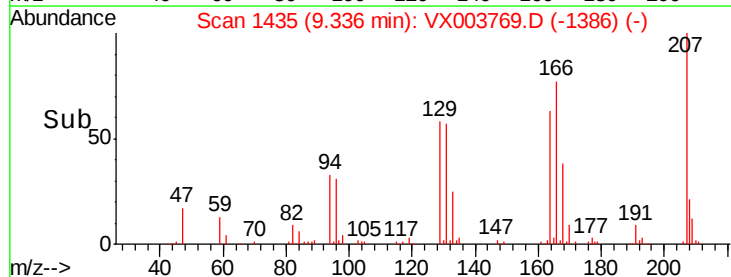
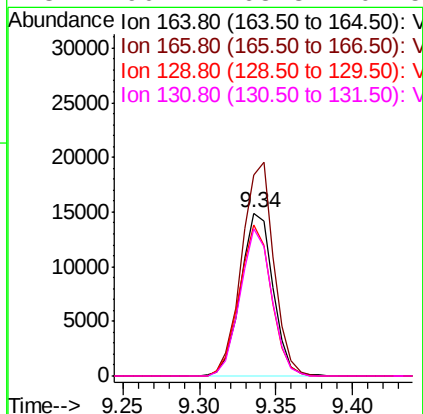
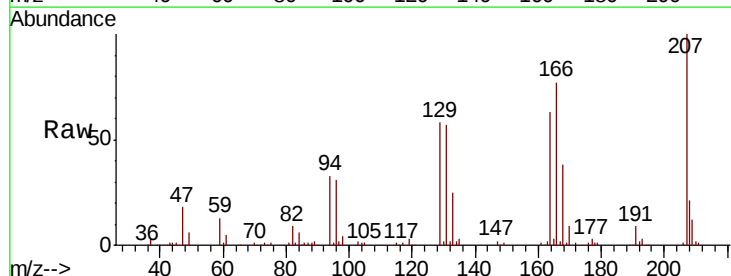
Instrument :
MSVOA_X
ClientSampleId :
VX0731SBSD02

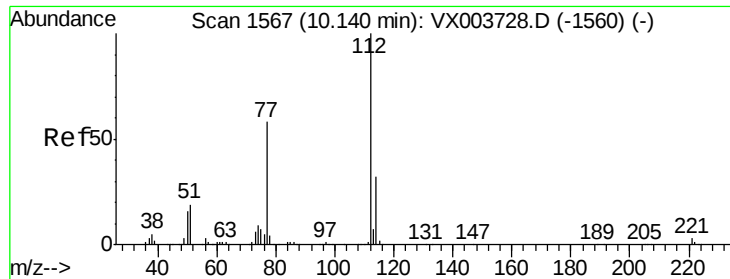
Tot Ion:117 Resp: 97178
Ion Ratio Lower Upper
117 100
82 54.6 43.2 64.8
119 33.0 26.3 39.5



#64
Tetrachloroethene
Concen: 28.60 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Tgt Ion:164 Resp: 21846
Ion Ratio Lower Upper
164 100
166 123.5 100.4 150.6
129 92.4 71.8 107.8
131 90.4 68.3 102.5





#65

Chlorobenzene

Concen: 20.56 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

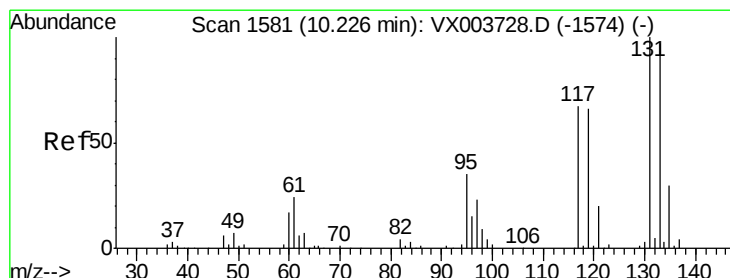
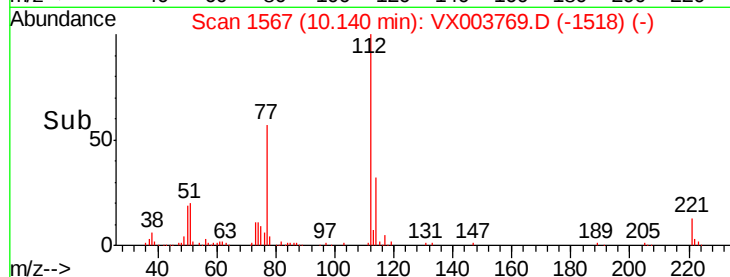
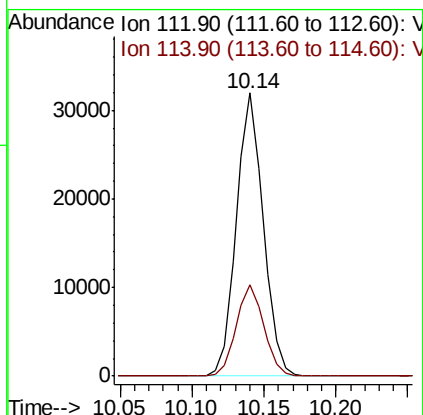
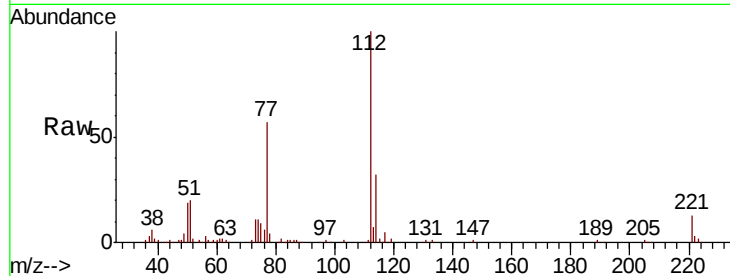
VX0731SBS02

Tot Ion:112 Resp: 41759

Ion Ratio Lower Upper

112 100

114 32.1 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 19.19 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

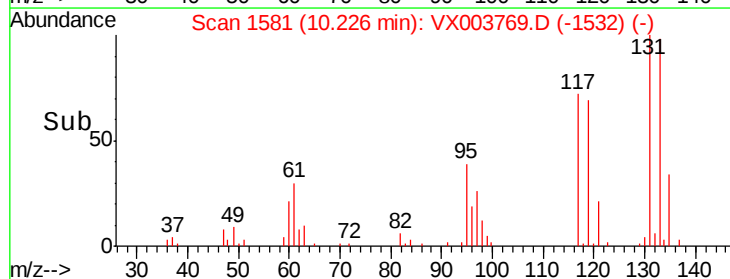
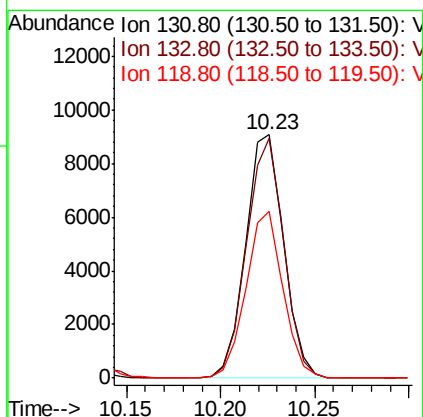
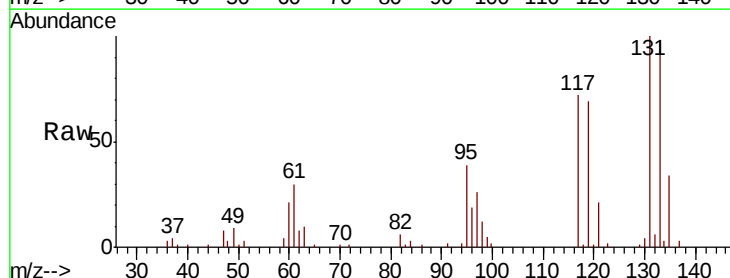
Tgt Ion:131 Resp: 12707

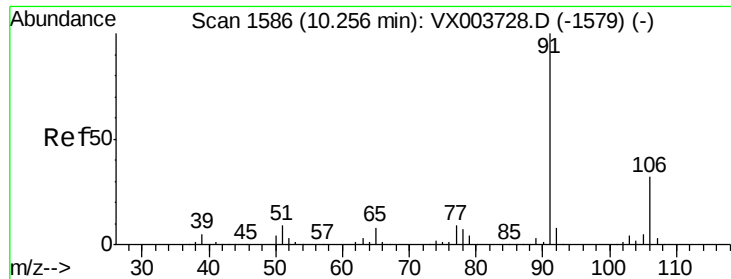
Ion Ratio Lower Upper

131 100

133 96.1 47.6 142.9

119 66.5 32.8 98.3

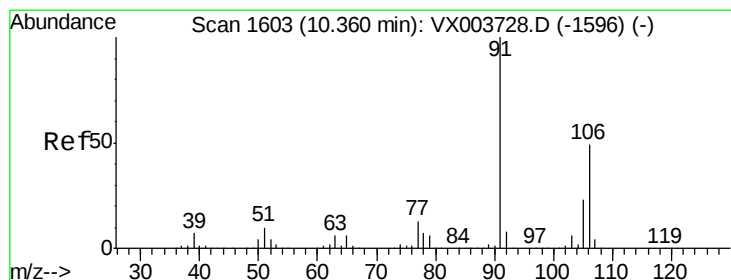
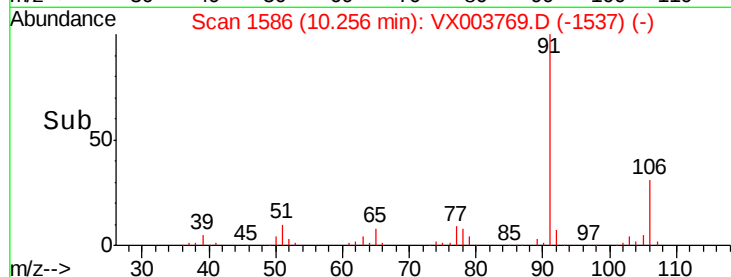
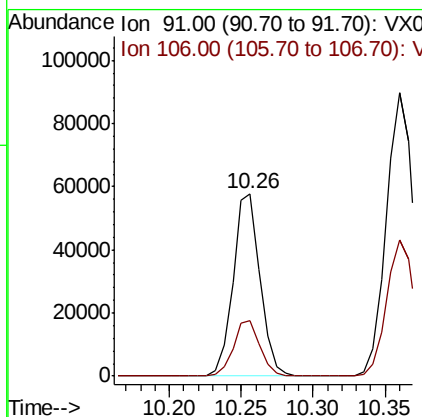
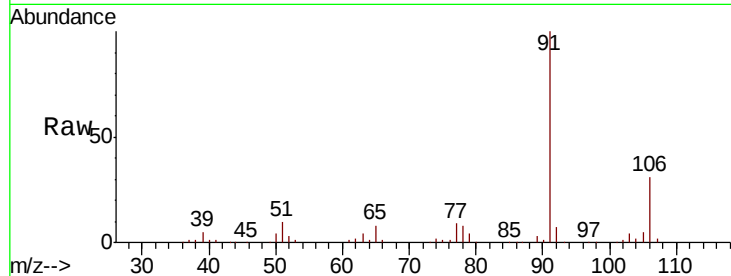




#67
Ethyl Benzene
Concen: 22.07 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

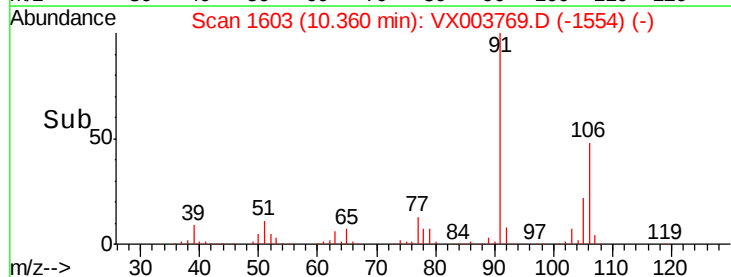
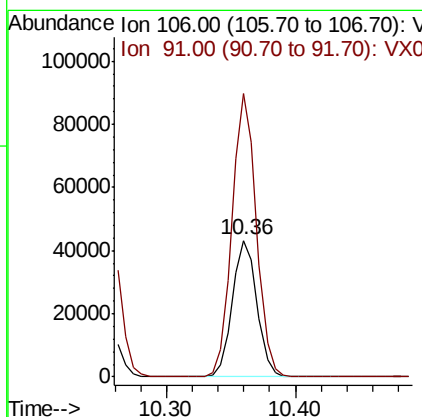
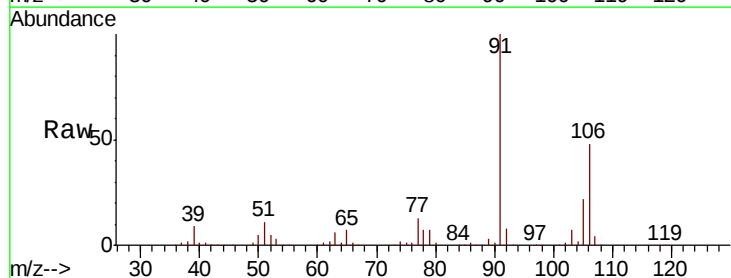
Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

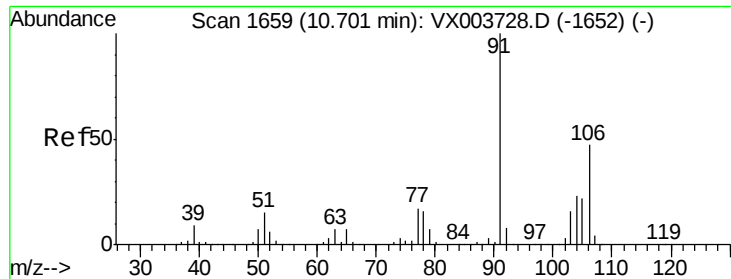
Tot Ion: 91 Resp: 75683
Ion Ratio Lower Upper
91 100
106 30.6 25.4 38.2



#68
m/p-Xylenes
Concen: 43.12 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Tgt Ion: 106 Resp: 57832
Ion Ratio Lower Upper
106 100
91 205.6 159.8 239.8

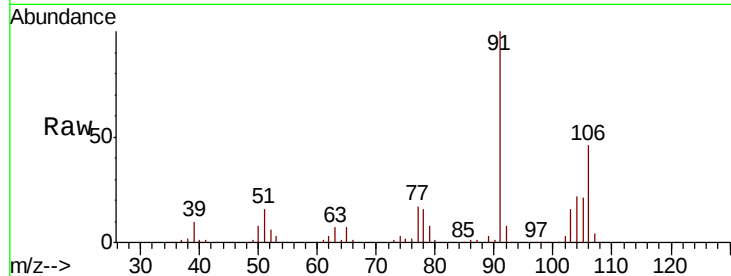




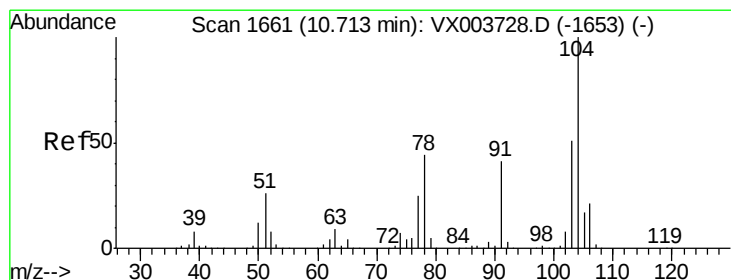
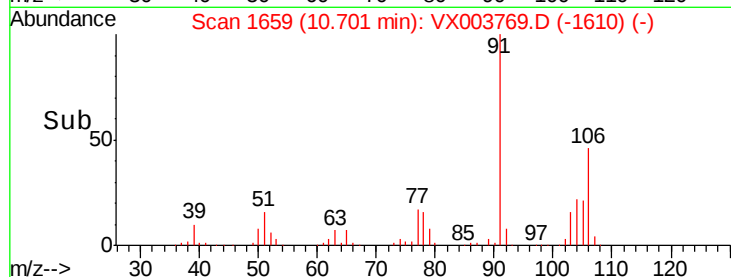
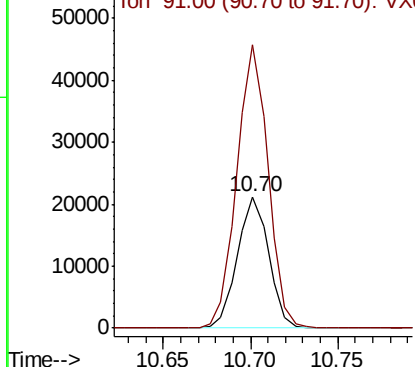
#69
o-Xylene
Concen: 21.16 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Instrument :
MSVOA_X
ClientSampled :
VX0731SBS02

Tot Ion:106 Resp: 26352
Ion Ratio Lower Upper
106 100
91 215.6 105.6 316.8

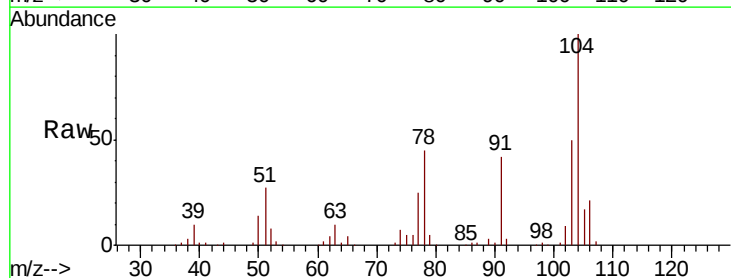


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

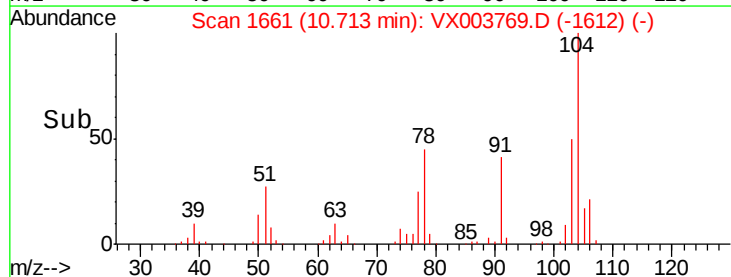
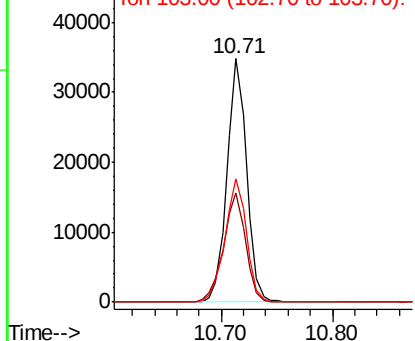


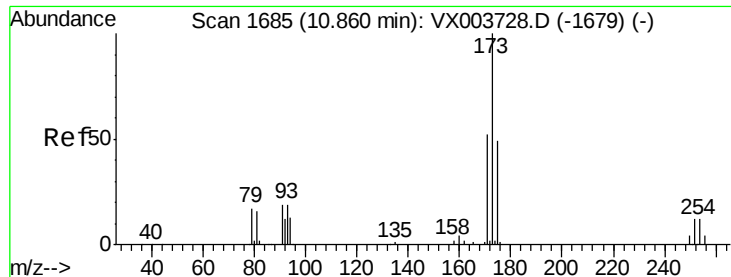
#70
Styrene
Concen: 20.31 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Tgt Ion:104 Resp: 42556
Ion Ratio Lower Upper
104 100
78 49.9 38.2 57.2
103 55.7 44.5 66.7



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

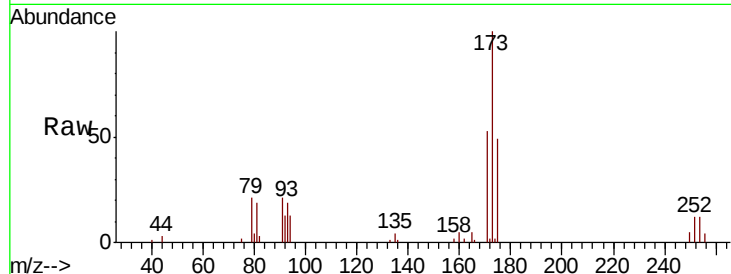




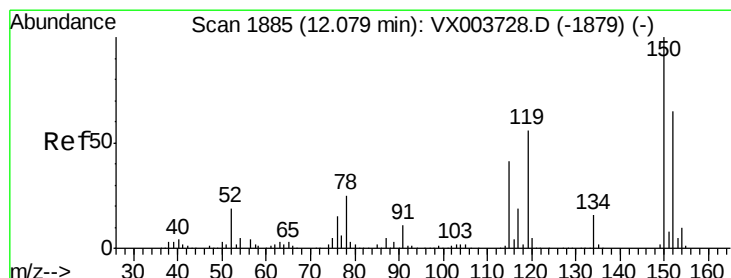
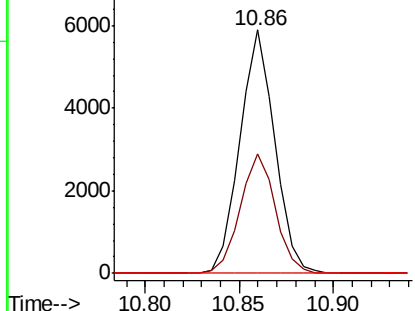
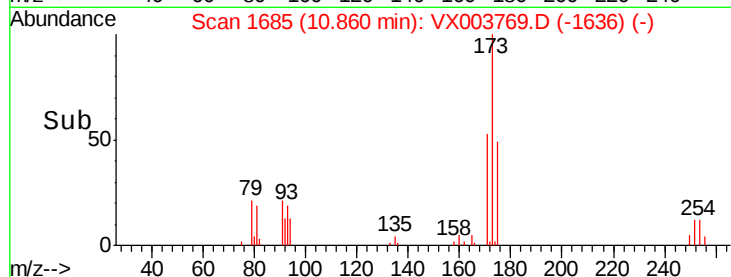
#71
Bromoform
Concen: 16.57 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

Tot Ion:173 Resp: 7546
Ion Ratio Lower Upper
173 100
175 49.4 24.9 74.6
254 0.0 0.0 0.0

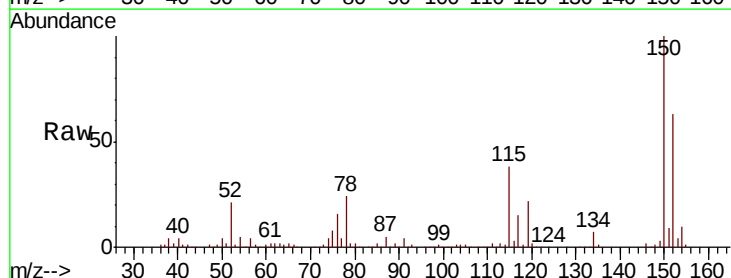


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

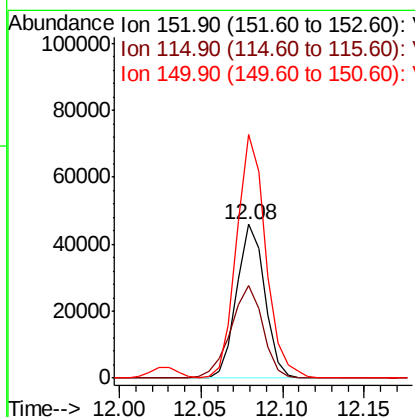
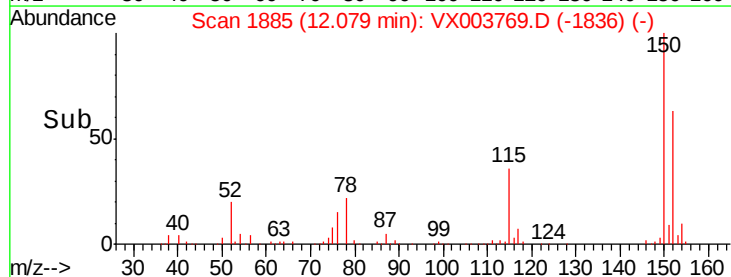


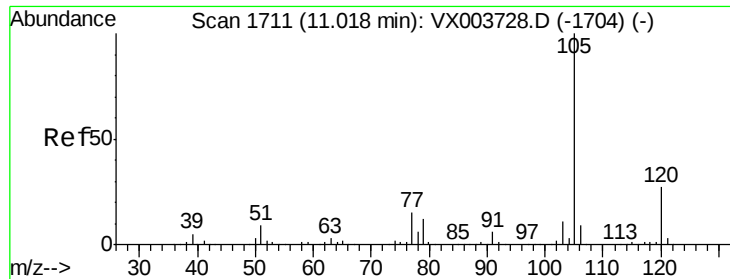
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Tgt Ion:152 Resp: 55092
Ion Ratio Lower Upper
152 100
115 68.4 38.5 115.3
150 164.9 0.0 346.2



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

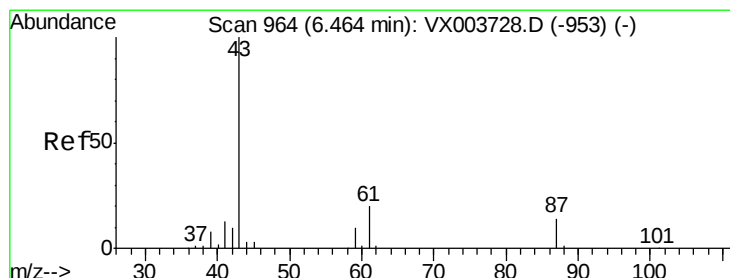
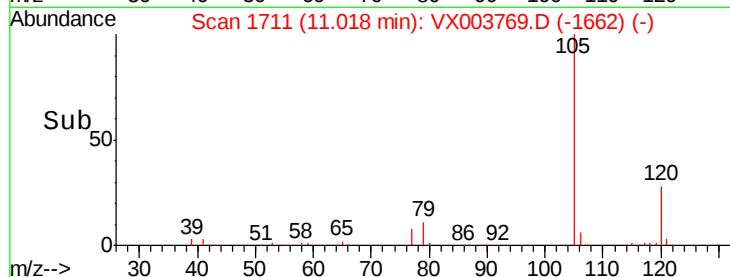
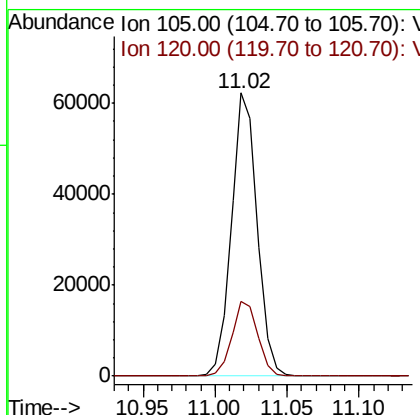
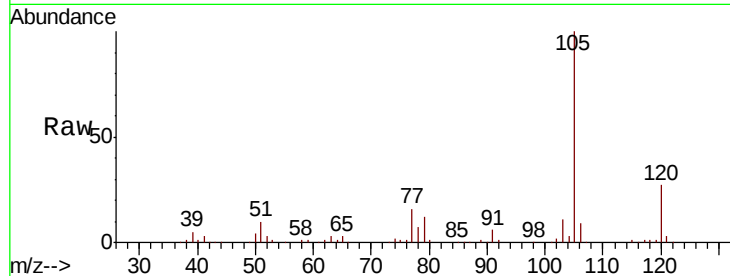




#73
Isopropylbenzene
Concen: 22.53 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. 0.00 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

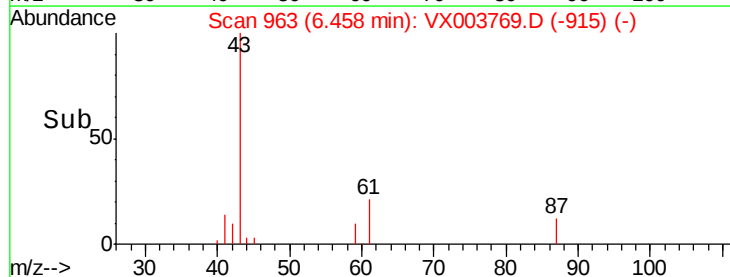
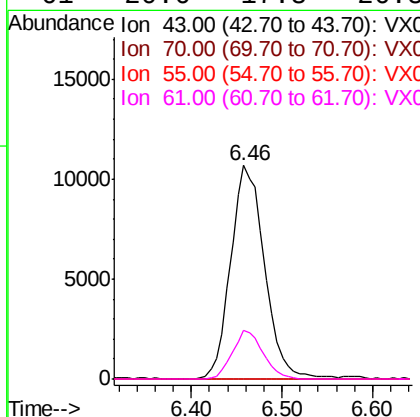
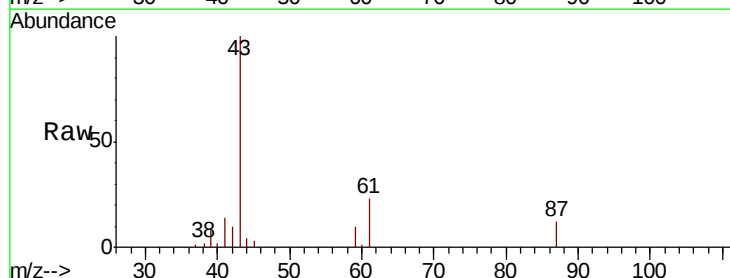
Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

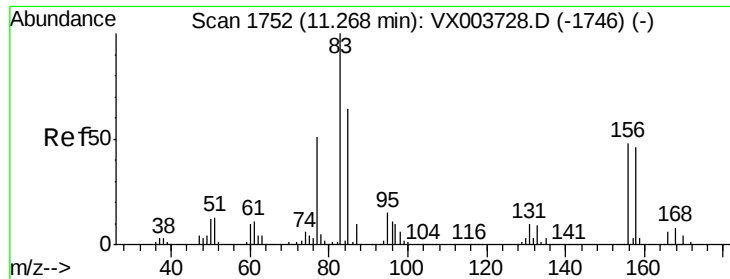
Tot Ion:105 Resp: 77720
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.5



#74
N-ethyl acetate
Concen: 22.66 ug/l
RT: 6.46 min Scan# 963
Delta R.T. -0.01 min
Lab File: VX003769.D
Acq: 01 Aug 2018 00:58

Tgt Ion: 43 Resp: 27697
Ion Ratio Lower Upper
43 100
70 0.0 31.0 46.6#
55 0.0 18.9 28.3#
61 20.6 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.65 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS02

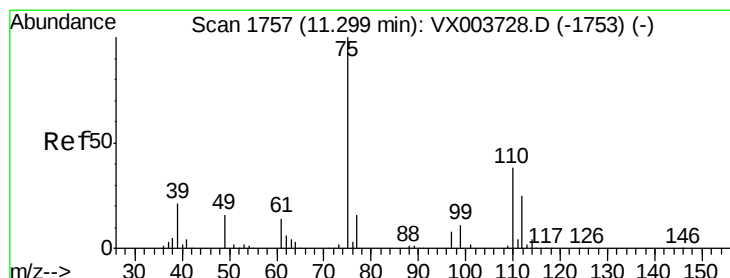
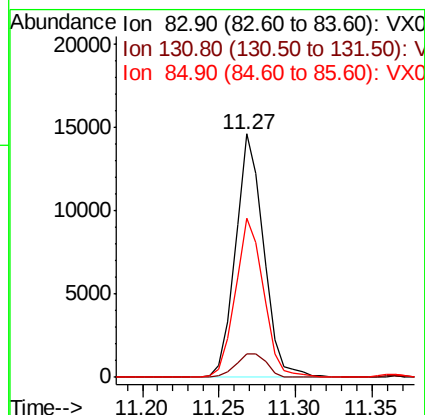
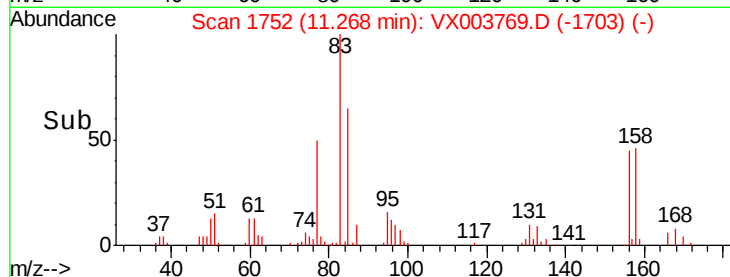
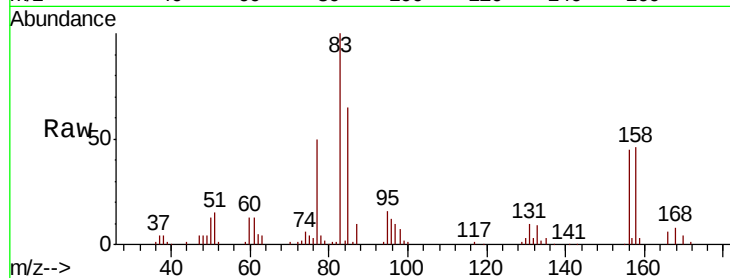
Tot Ion: 83 Resp: 18518

Ion Ratio Lower Upper

83 100

131 10.8 5.3 15.9

85 66.1 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 27.28 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003769.D

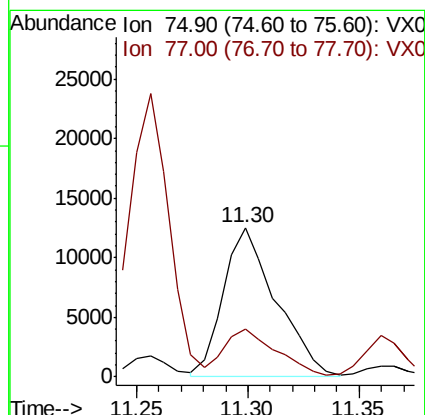
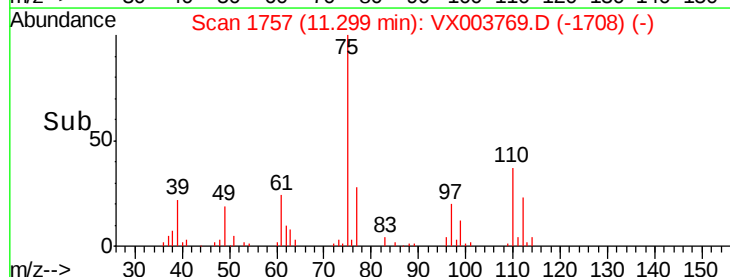
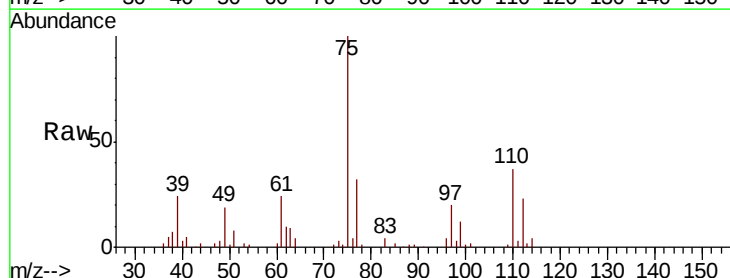
Acq: 01 Aug 2018 00:58

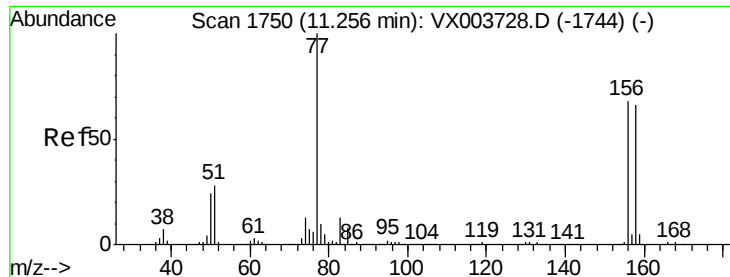
Tgt Ion: 75 Resp: 20717

Ion Ratio Lower Upper

75 100

77 31.9 21.6 65.0





#77

Bromobenzene

Concen: 22.19 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS02

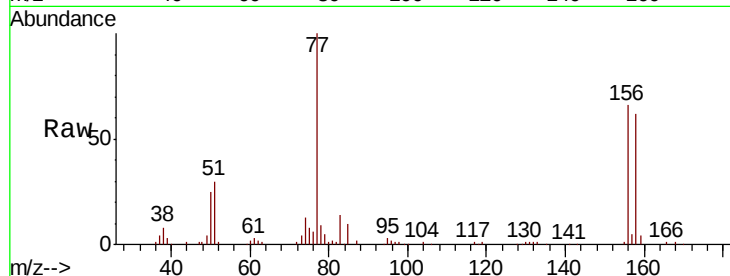
Tot Ion:156 Resp: 19951

Ion Ratio Lower Upper

156 100

77 149.6 71.8 215.3

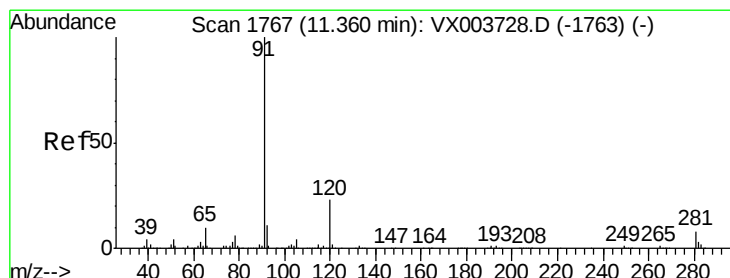
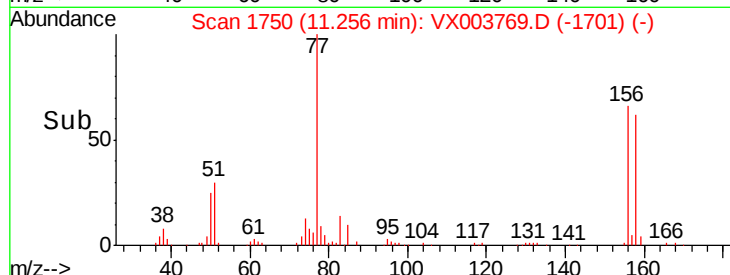
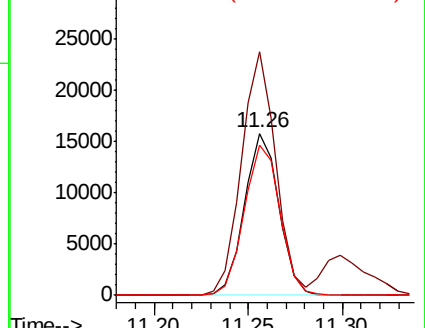
158 96.2 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 24.29 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003769.D

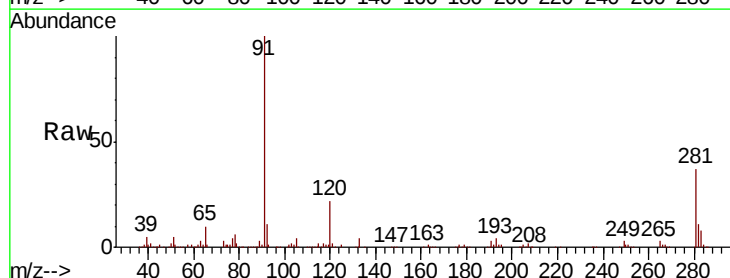
Acq: 01 Aug 2018 00:58

Tgt Ion: 91 Resp: 101507

Ion Ratio Lower Upper

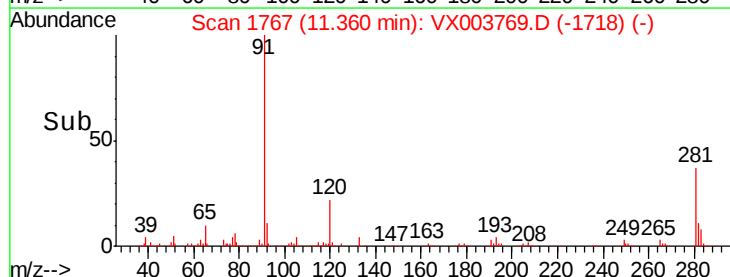
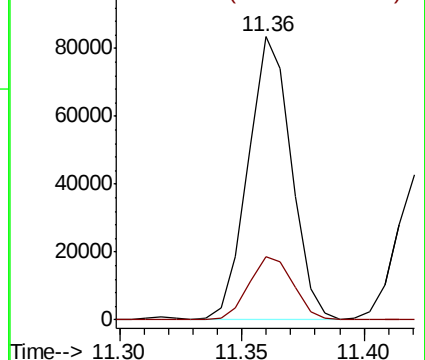
91 100

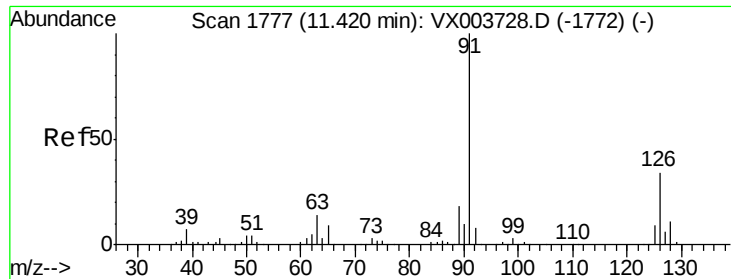
120 23.2 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

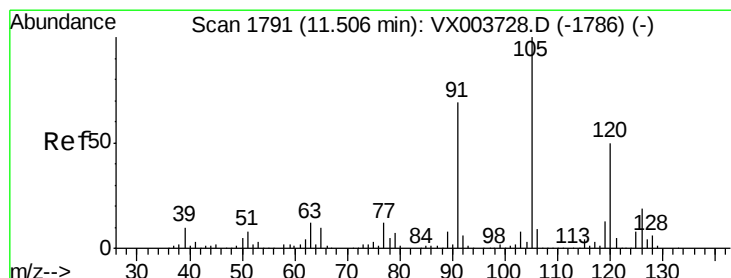
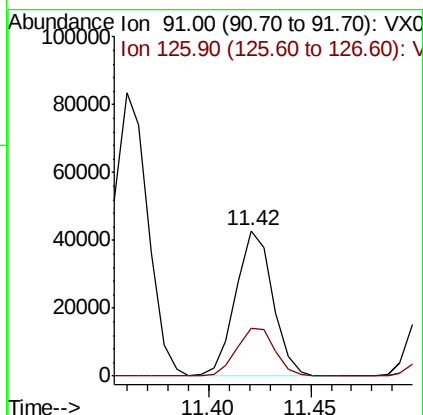
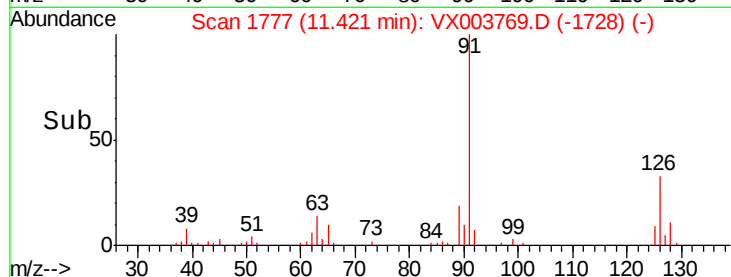
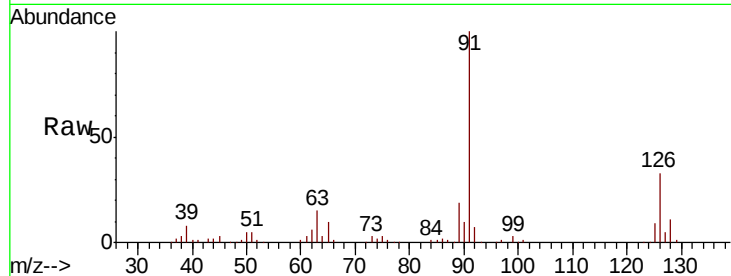




#79
 2-Chlorotoluene
 Concen: 22.57 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: VX003769.D
 Acq: 01 Aug 2018 00:58

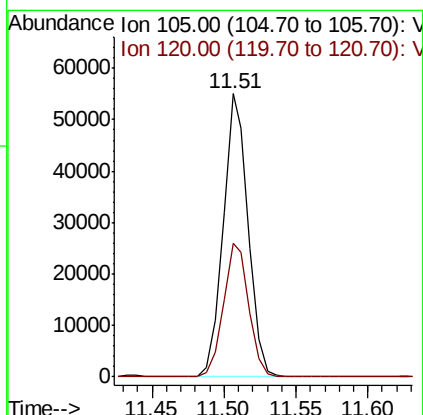
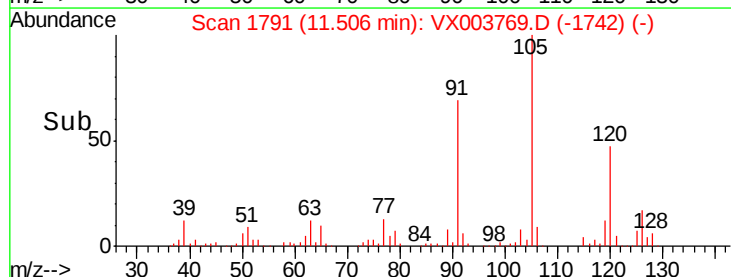
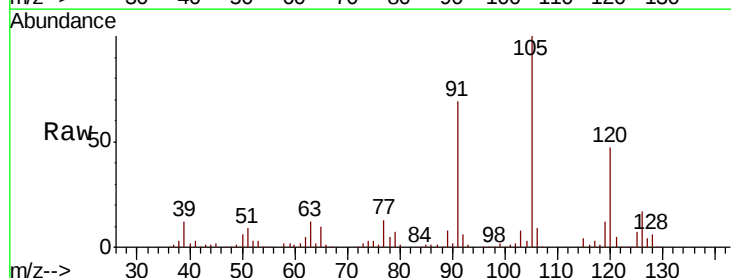
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS02

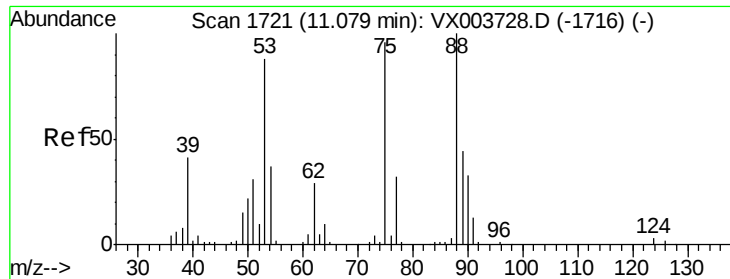
Tot Ion: 91 Resp: 53542
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.6 52.8



#80
 1,3,5-Trimethylbenzene
 Concen: 22.70 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003769.D
 Acq: 01 Aug 2018 00:58

Tgt Ion: 105 Resp: 66834
 Ion Ratio Lower Upper
 105 100
 120 48.2 15.8 47.4#





#81

trans-1,4-Dichloro-2-butene

Concen: 15.66 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS02

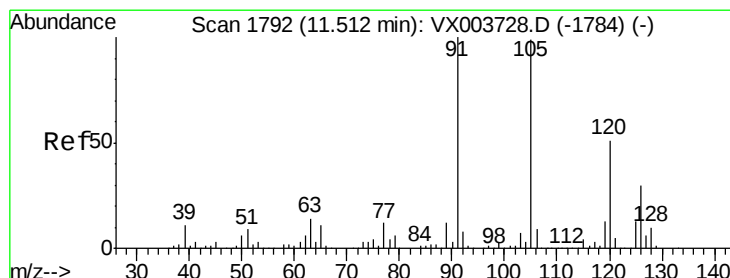
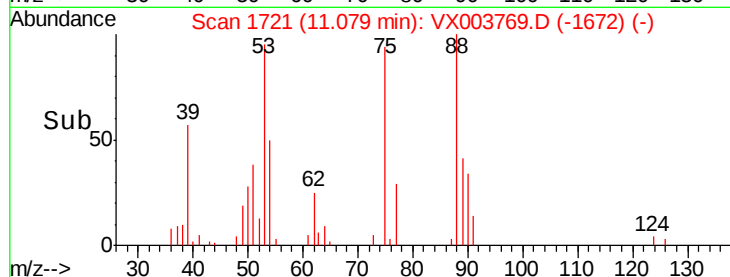
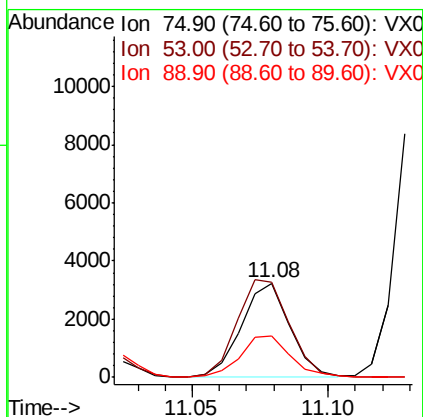
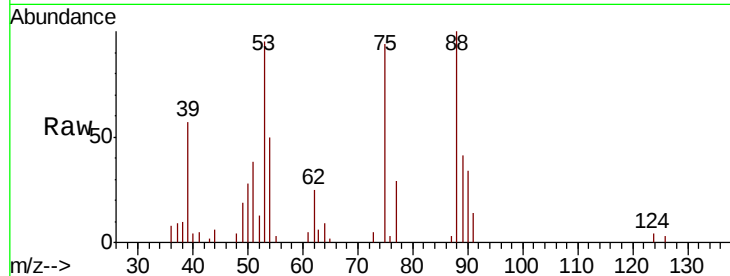
Tot Ion: 75 Resp: 4014

Ion Ratio Lower Upper

75 100

53 111.9 75.8 113.8

89 45.3 39.1 58.7



#82

4-Chlorotoluene

Concen: 21.60 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003769.D

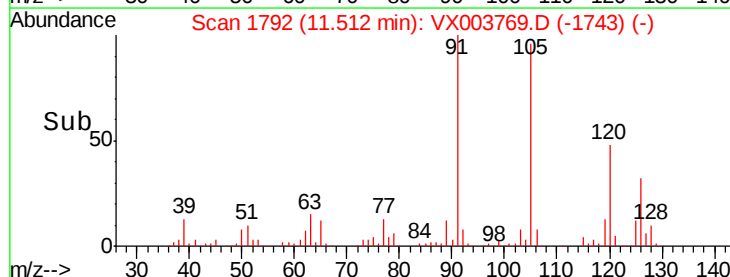
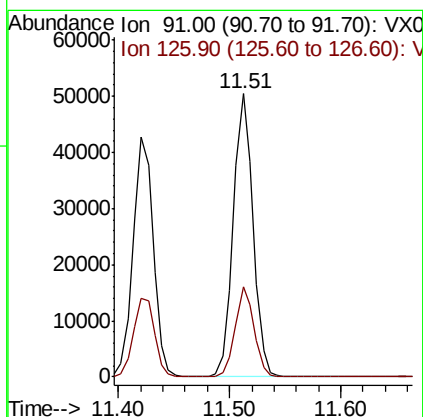
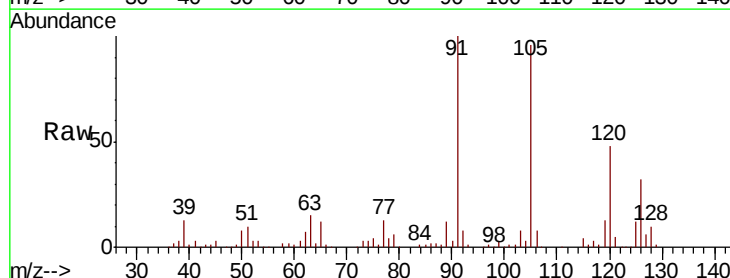
Acq: 01 Aug 2018 00:58

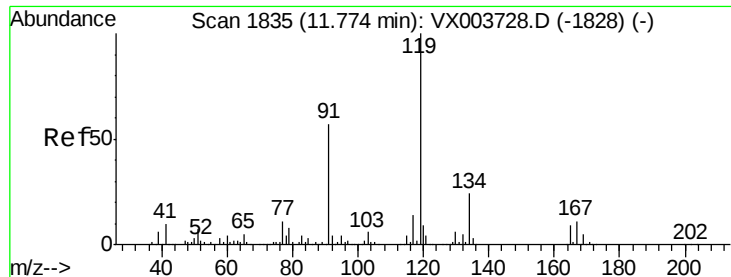
Tgt Ion: 91 Resp: 62164

Ion Ratio Lower Upper

91 100

126 30.2 15.6 46.7

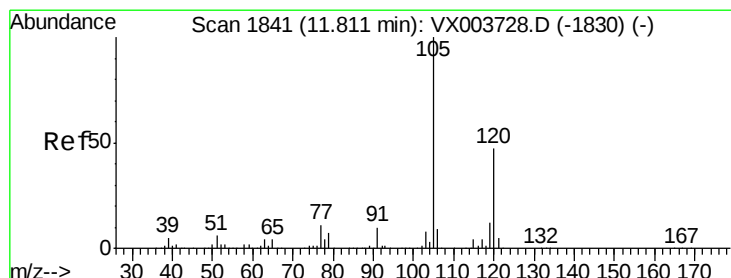
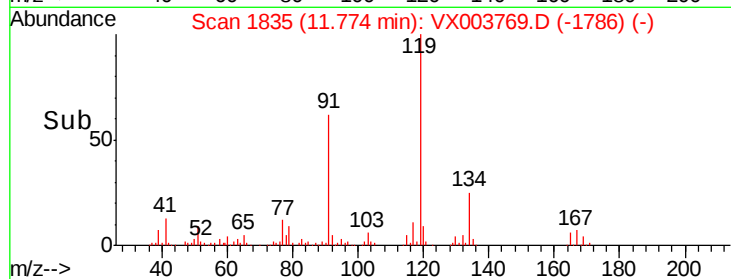
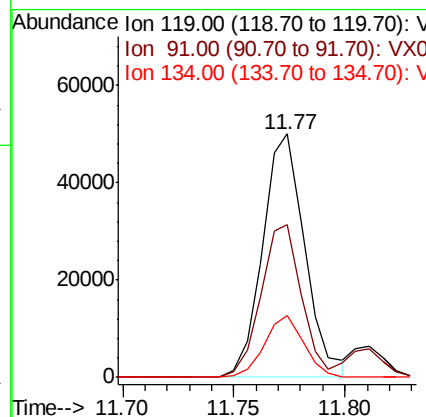
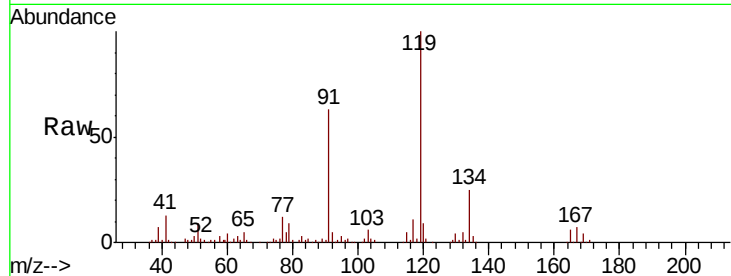




#83
 tert-Butylbenzene
 Concen: 22.66 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003769.D
 Acq: 01 Aug 2018 00:58

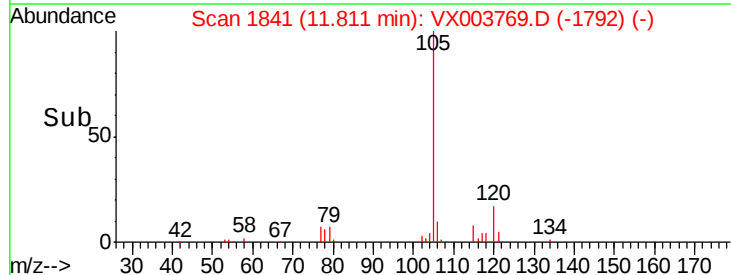
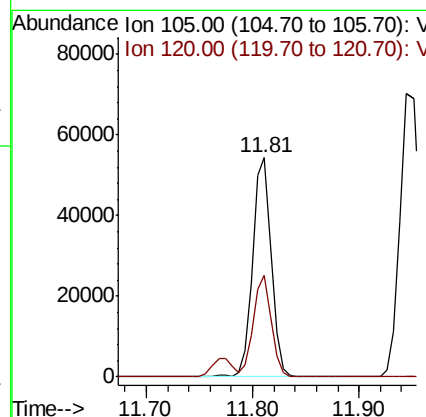
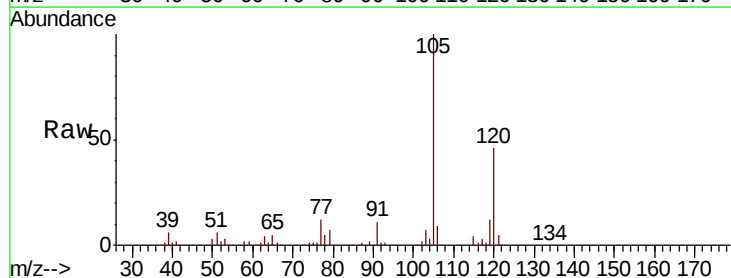
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0731SBS02

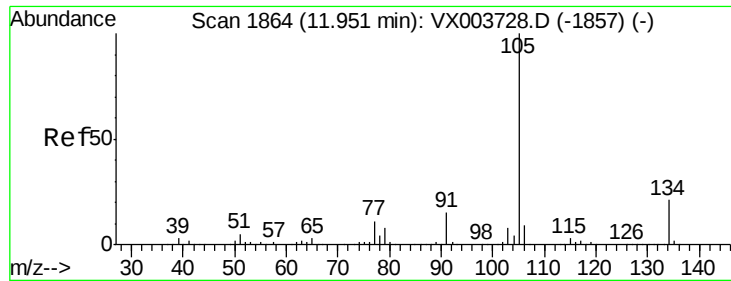
Tot Ion:119 Resp: 65991
 Ion Ratio Lower Upper
 119 100
 91 60.2 27.2 81.6
 134 23.6 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 22.03 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003769.D
 Acq: 01 Aug 2018 00:58

Tgt Ion:105 Resp: 66751
 Ion Ratio Lower Upper
 105 100
 120 44.8 23.1 69.2





#85

sec-Butylbenzene

Concen: 24.59 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.01 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

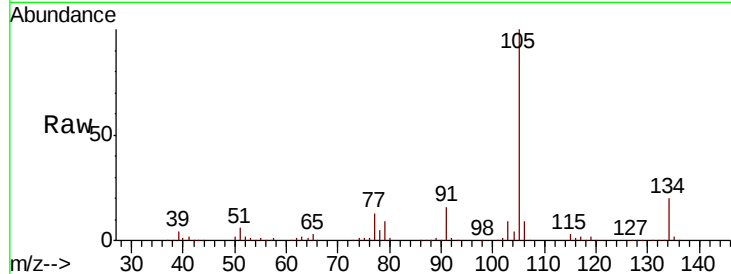
VX0731SBS02

Tot Ion:105 Resp: 91618

Ion Ratio Lower Upper

105 100

134 20.3 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

80000

60000

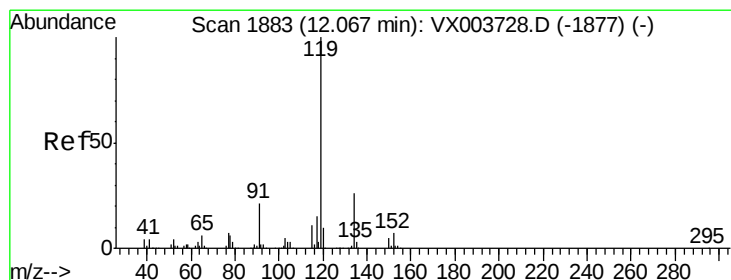
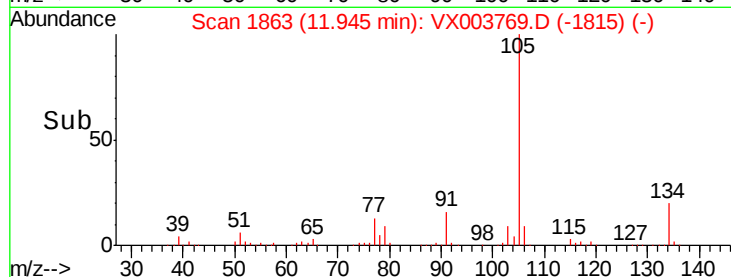
40000

20000

0

Time-->

11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 24.49 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

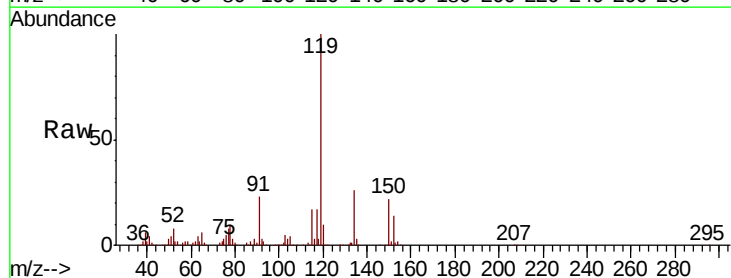
Tgt Ion:119 Resp: 82931

Ion Ratio Lower Upper

119 100

134 25.8 10.1 30.1

91 23.1 23.6 70.8#



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

100000

80000

60000

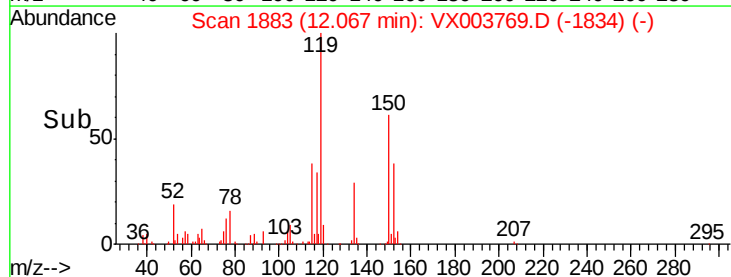
40000

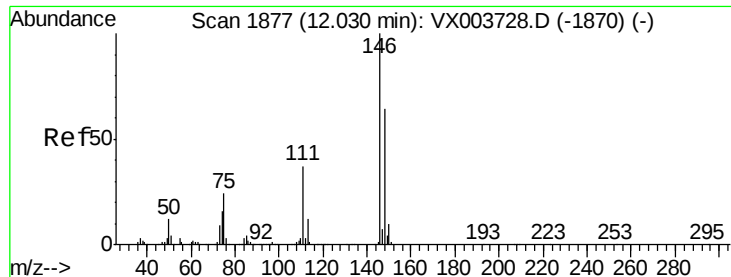
20000

0

Time-->

12.00 12.10

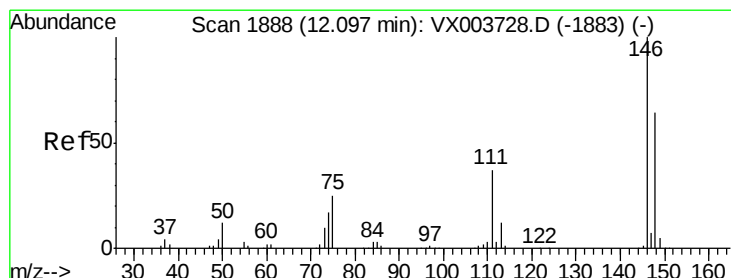
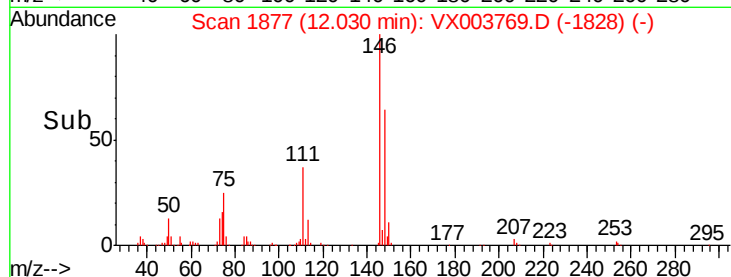
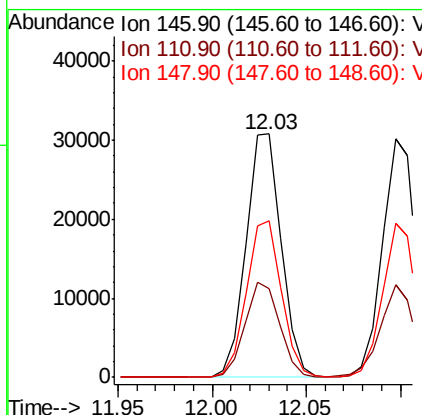
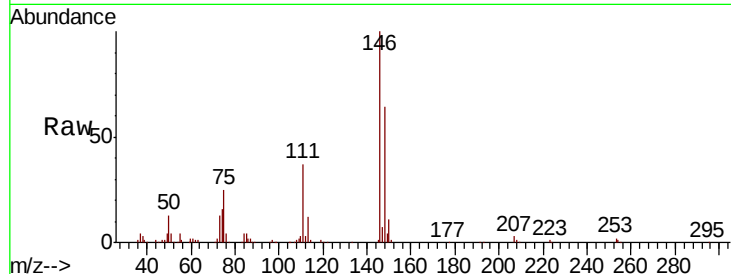




#87
 1,3-Dichlorobenzene
 Concen: 22.01 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003769.D
 Acq: 01 Aug 2018 00:58

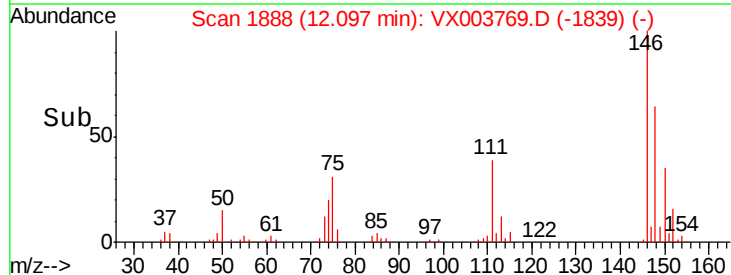
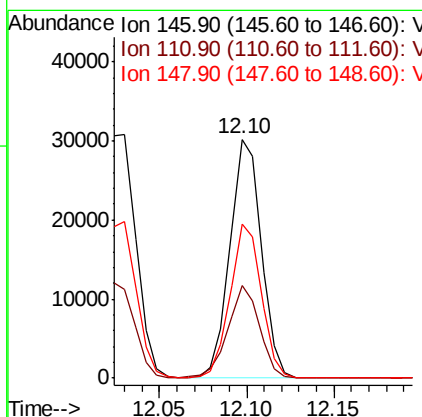
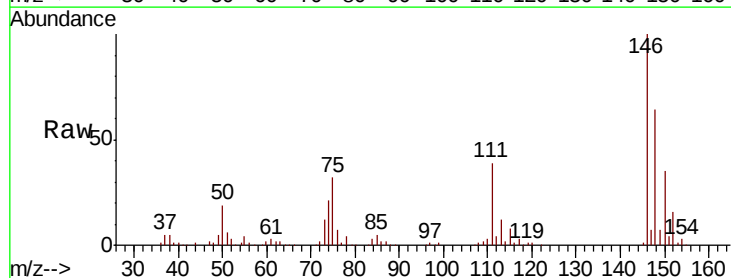
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS02

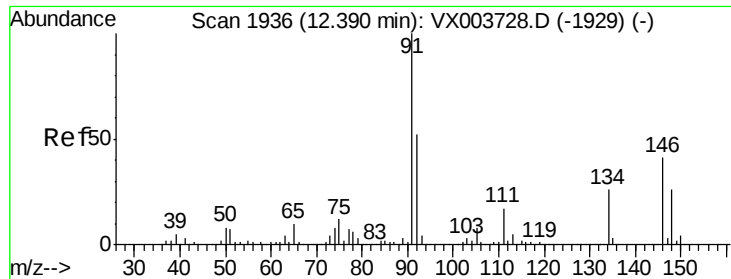
Tot Ion:146 Resp: 40028
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.8 56.3
 148 63.7 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 20.38 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003769.D
 Acq: 01 Aug 2018 00:58

Tgt Ion:146 Resp: 37828
 Ion Ratio Lower Upper
 146 100
 111 39.1 18.3 54.9
 148 64.1 32.0 96.2





#89

n-Butylbenzene

Concen: 24.13 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS02

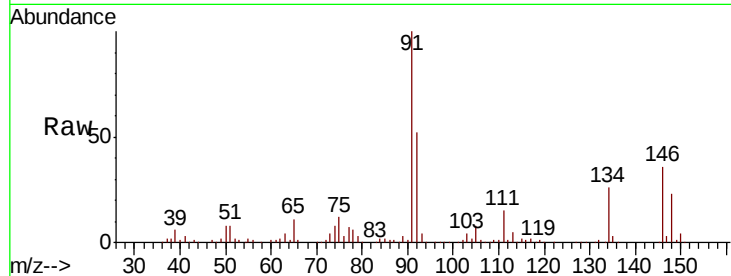
Tot Ion: 91 Resp: 77745

Ion Ratio Lower Upper

91 100

92 52.1 26.2 78.5

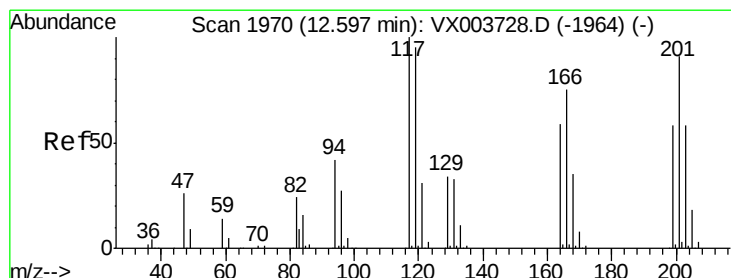
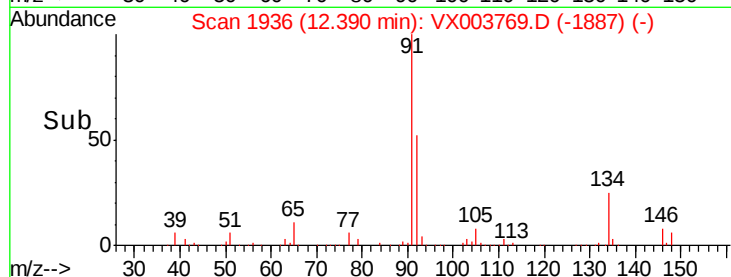
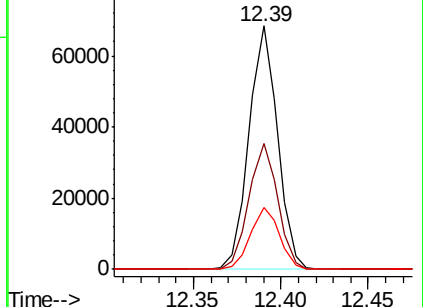
134 25.9 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 22.24 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003769.D

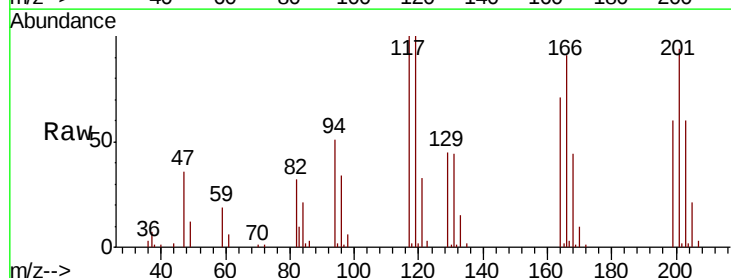
Acq: 01 Aug 2018 00:58

Tgt Ion: 117 Resp: 11182

Ion Ratio Lower Upper

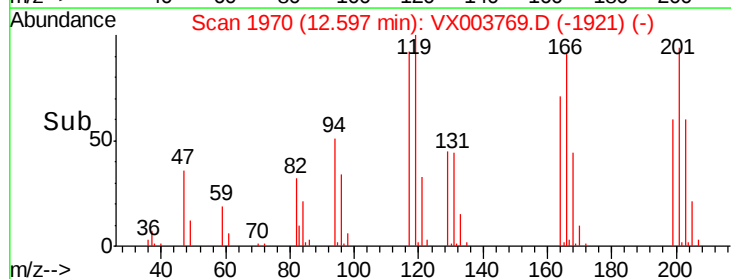
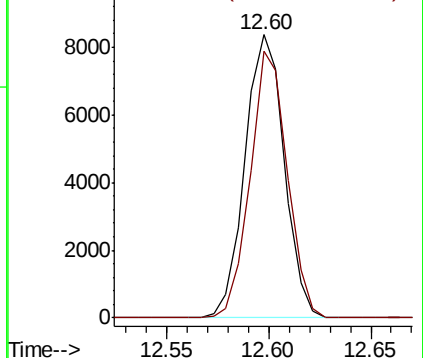
117 100

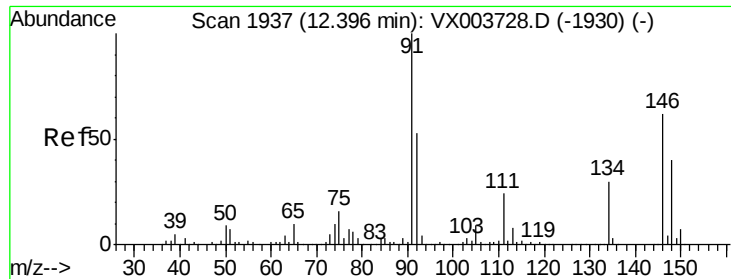
201 89.3 49.3 147.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 19.73 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS02

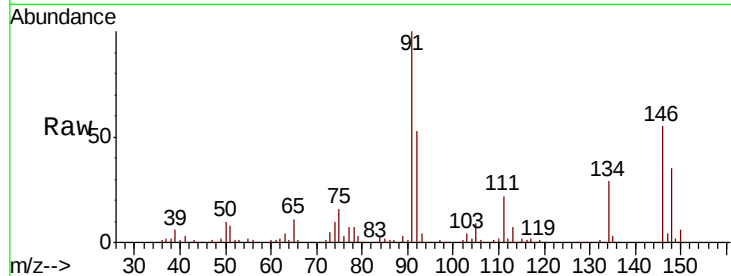
Tot Ion:146 Resp: 33421

Ion Ratio Lower Upper

146 100

111 40.0 19.4 58.4

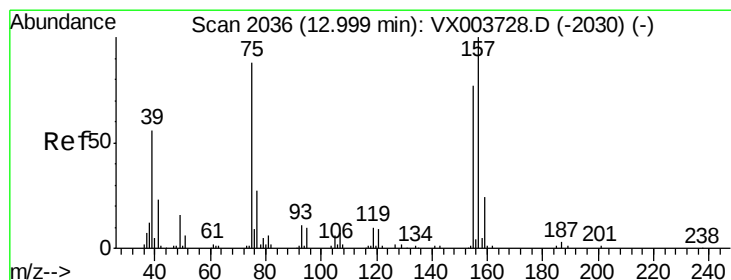
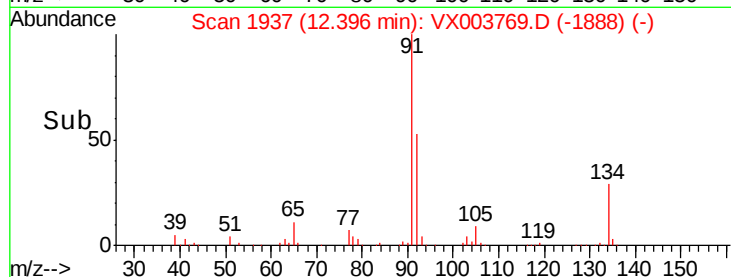
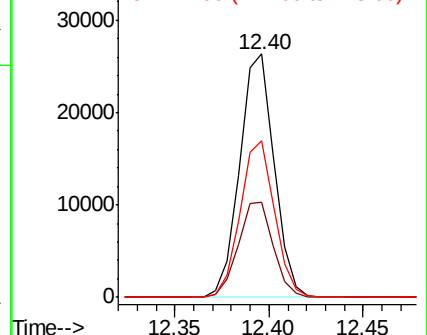
148 64.0 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.61 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

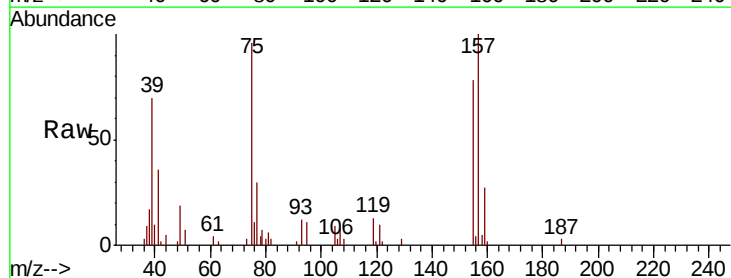
Tgt Ion: 75 Resp: 3844

Ion Ratio Lower Upper

75 100

155 88.5 48.9 146.7

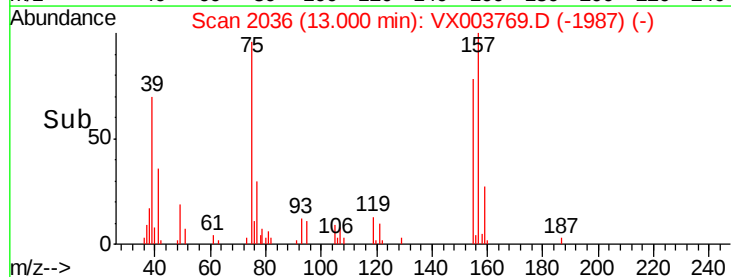
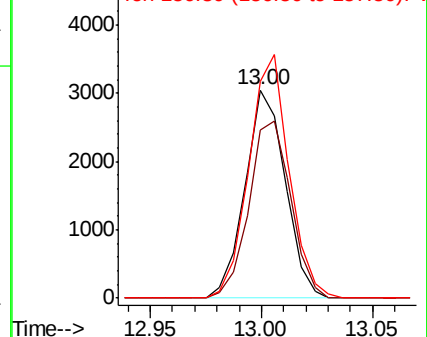
157 116.5 63.7 191.1

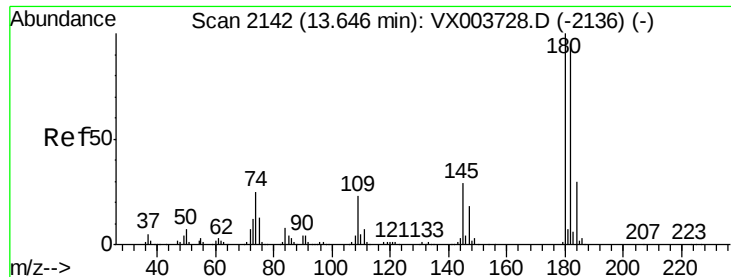


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

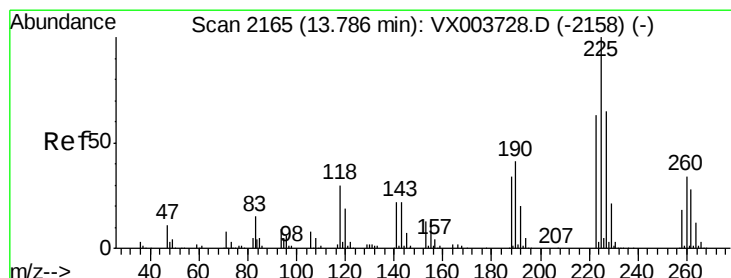
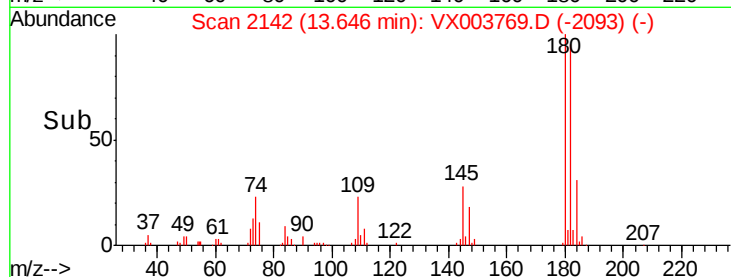
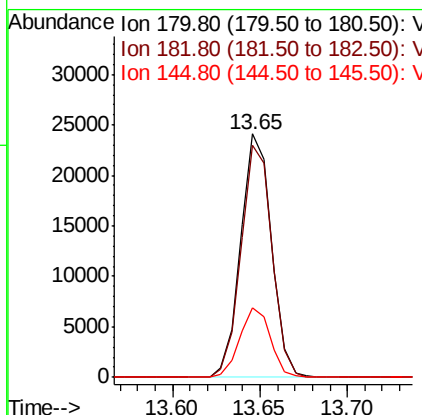
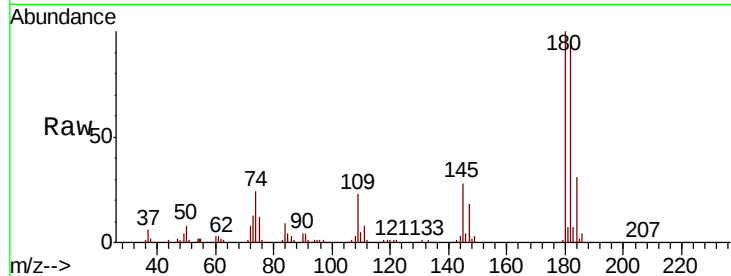




#93
 1,2,4-Trichlorobenzene
 Concen: 21.94 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003769.D
 Acq: 01 Aug 2018 00:58

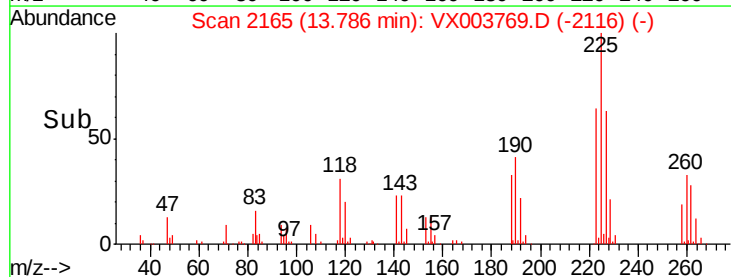
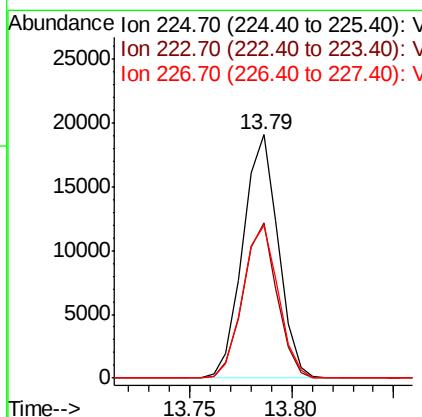
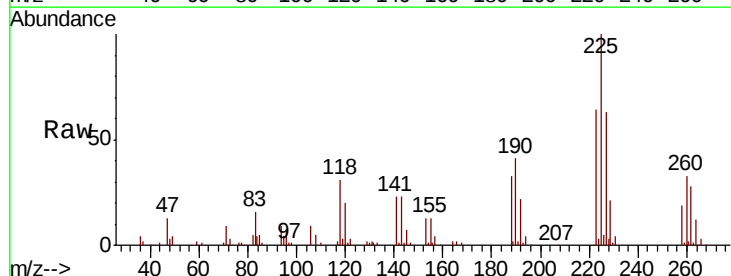
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBSD02

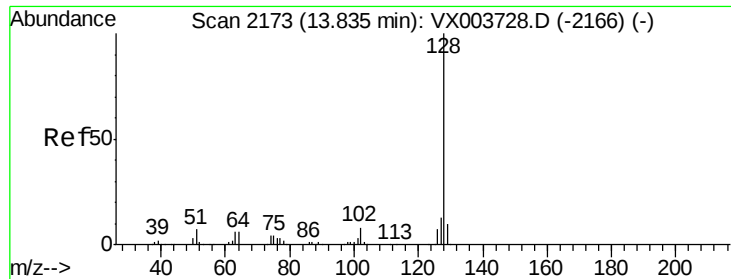
Tot Ion:180 Resp: 29485
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.6 142.9
 145 28.4 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 26.64 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003769.D
 Acq: 01 Aug 2018 00:58

Tgt Ion:225 Resp: 22893
 Ion Ratio Lower Upper
 225 100
 223 61.4 31.1 93.5
 227 63.4 31.9 95.9





#95

Naphthalene

Concen: 24.89 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS02

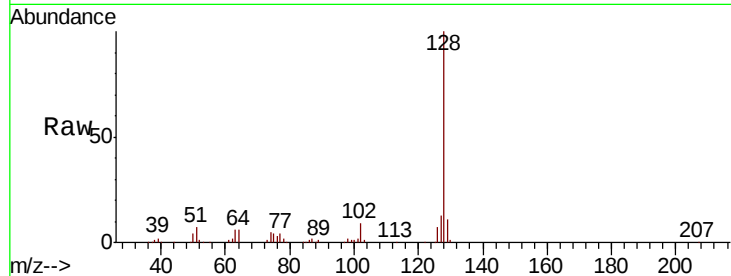
Tot Ion:128 Resp: 71459

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.8 8.7 13.1

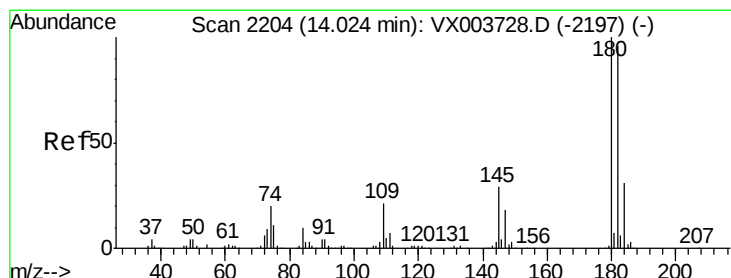
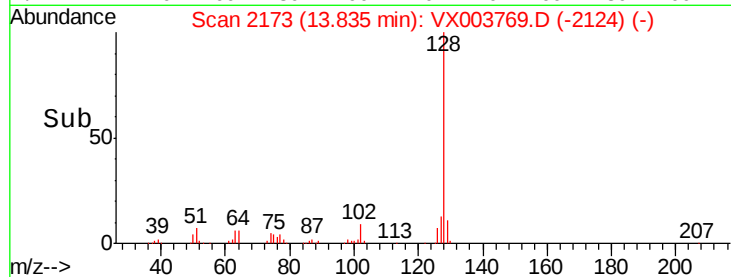
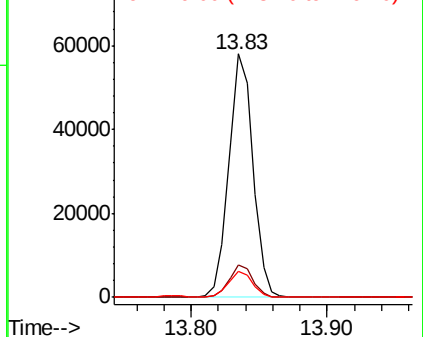


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.48 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003769.D

Acq: 01 Aug 2018 00:58

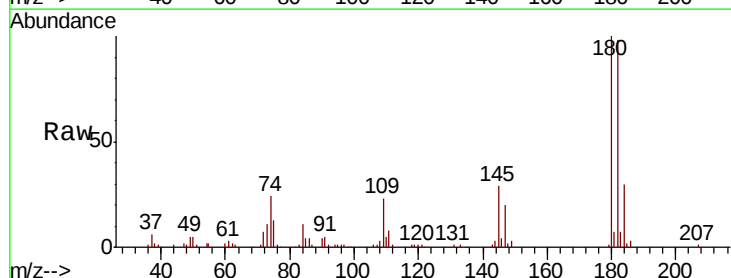
Tgt Ion:180 Resp: 23763

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.8

145 30.5 14.7 44.1



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

