

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003768.D
 Acq On : 01 Aug 2018 00:33
 Operator : JC/SP
 Sample : VX0731SBS02
 Misc : 5.00G/5.0mL/MSVOA X/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS02

Quant Time: Aug 01 06:43:00 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	5.66	168	109165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	148116	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	125719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	69798	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	44253	40.08	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	80.16%	
35) Dibromofluoromethane	5.50	113	41300	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
50) Toluene-d8	8.72	98	186121	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
62) 4-Bromofluorobenzene	11.14	95	60302	44.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	18787	20.39	ug/l	99
3) Chloromethane	1.32	50	21322	18.41	ug/l	99
4) Vinyl Chloride	1.40	62	24372	19.56	ug/l	# 86
5) Bromomethane	1.63	94	12798	17.55	ug/l	100
6) Chloroethane	1.71	64	14913	18.10	ug/l	100
7) Trichlorofluoromethane	1.92	101	31693	19.40	ug/l	97
8) Diethyl Ether	2.19	74	9758	15.80	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	21234	20.49	ug/l	99
10) Methyl Iodide	2.50	142	13939	11.70	ug/l	98
11) Tert butyl alcohol	3.09	59	16247	90.88	ug/l	98
12) 1,1-Dichloroethene	2.37	96	18447	18.91	ug/l	96
13) Acrolein	2.29	56	5126	87.64	ug/l	93
14) Allyl chloride	2.72	41	32889	19.01	ug/l	97
15) Acrylonitrile	3.15	53	40917	90.00	ug/l	98
16) Acetone	2.45	43	32777	77.72	ug/l	100
17) Carbon Disulfide	2.56	76	56937	17.93	ug/l	97
18) Methyl Acetate	2.78	43	23693	19.99	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	43574	16.41	ug/l	100
20) Methylene Chloride	2.85	84	22022	17.78	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	19438	18.18	ug/l	95
22) Diisopropyl ether	3.87	45	55247	17.69	ug/l	97
23) Vinyl Acetate	3.82	43	178065	79.07	ug/l	98
24) 1,1-Dichloroethane	3.70	63	35265	19.37	ug/l	98
25) 2-Butanone	4.70	43	55813	90.79	ug/l	98
26) 2,2-Dichloropropane	4.58	77	25175	17.55	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	22069	19.15	ug/l	98
28) Bromochloromethane	5.03	49	13619	16.67	ug/l	97
29) Tetrahydrofuran	5.16	42	36291	92.63	ug/l	99
30) Chloroform	5.21	83	32507	18.12	ug/l	96
31) Cyclohexane	5.58	56	35156	19.99	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	29941	19.42	ug/l	98
36) 1,1-Dichloropropene	5.81	75	27994	20.18	ug/l	99
37) Ethyl Acetate	4.85	43	20362	19.11	ug/l	98
38) Carbon Tetrachloride	5.78	117	25663	20.00	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003768.D
 Acq On : 01 Aug 2018 00:33
 Operator : JC/SP
 Sample : VX0731SBS02
 Misc : 5.00G/5.0mL/MSVOA X/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS02

Quant Time: Aug 01 06:43:00 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	36938	21.69	ug/l	96
40) Benzene	6.14	78	74610	18.77	ug/l	99
41) Methacrylonitrile	5.06	41	11319	18.85	ug/l	98
42) 1,2-Dichloroethane	6.20	62	20984	17.48	ug/l	98
43) Isopropyl Acetate	6.46	43	29534	17.40	ug/l	99
44) Trichloroethene	7.21	130	21394	18.87	ug/l	95
45) 1,2-Dichloropropane	7.52	63	18755	19.19	ug/l	99
46) Dibromomethane	7.66	93	9256	16.43	ug/l	99
47) Bromodichloromethane	7.90	83	19639	17.49	ug/l	96
48) Methyl methacrylate	7.77	41	15075	17.70	ug/l	99
49) 1,4-Dioxane	7.76	88	7568	440.32	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	94361	90.44	ug/l	100
52) Toluene	8.79	92	47311	19.08	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	20739	16.18	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	23580	16.50	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	14464	16.95	ug/l	96
56) Ethyl methacrylate	9.18	69	19142	16.33	ug/l	99
57) 1,3-Dichloropropane	9.38	76	25590	17.86	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	44875	83.25	ug/l	99
59) 2-Hexanone	9.50	43	71205	89.58	ug/l	99
60) Dibromochloromethane	9.59	129	14018	16.31	ug/l	99
61) 1,2-Dibromoethane	9.68	107	15054	17.28	ug/l	99
64) Tetrachloroethene	9.34	164	24634	24.93	ug/l	93
65) Chlorobenzene	10.14	112	51003	19.41	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	15984	18.66	ug/l	99
67) Ethyl Benzene	10.26	91	90466	20.39	ug/l	100
68) m/p-Xylenes	10.36	106	70747	40.77	ug/l	99
69) o-Xylene	10.70	106	32143	19.95	ug/l	99
70) Styrene	10.71	104	52120	19.23	ug/l	99
71) Bromoform	10.86	173	9853	16.73	ug/l #	98
73) Isopropylbenzene	11.02	105	94193	21.56	ug/l	99
74) N-amyl acetate	6.46	43	29534	19.07	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.27	83	20293	17.86	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	22461	23.35	ug/l	83
77) Bromobenzene	11.26	156	22356	19.62	ug/l	99
78) n-propylbenzene	11.36	91	113572	21.45	ug/l	99
79) 2-Chlorotoluene	11.42	91	61274	20.39	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	78942	21.17	ug/l #	68
81) trans-1,4-Dichloro-2-buten	11.08	75	4864	14.98	ug/l	91
82) 4-Chlorotoluene	11.51	91	73538	20.17	ug/l	99
83) tert-Butylbenzene	11.77	119	75934	20.58	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	79091	20.60	ug/l	99
85) sec-Butylbenzene	11.95	105	103792	21.99	ug/l	99
86) p-Isopropyltoluene	12.07	119	93046	21.69	ug/l #	70
87) 1,3-Dichlorobenzene	12.03	146	44970	19.51	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	44893	19.09	ug/l	98
89) n-Butylbenzene	12.39	91	87763	21.50	ug/l	100
90) Hexachloroethane	12.60	117	12493	19.61	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	40969	19.09	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	4070	18.06	ug/l	95

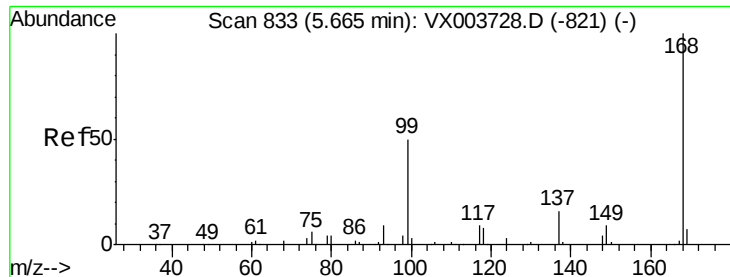
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX073118\
Data File : VX003768.D
Acq On : 01 Aug 2018 00:33
Operator : JC/SP
Sample : VX0731SBS02
Misc : 5.00G/5.0mL/MSVOA X/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

Quant Time: Aug 01 06:43:00 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	31572	18.55	ug/l	100
94) Hexachlorobutadiene	13.79	225	23432	21.52	ug/l	99
95) Naphthalene	13.84	128	80664	22.17	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	28660	18.55	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX003768.D

Acq: 01 Aug 2018 00:33

Instrument :

MSVOA_X

ClientSampleId :

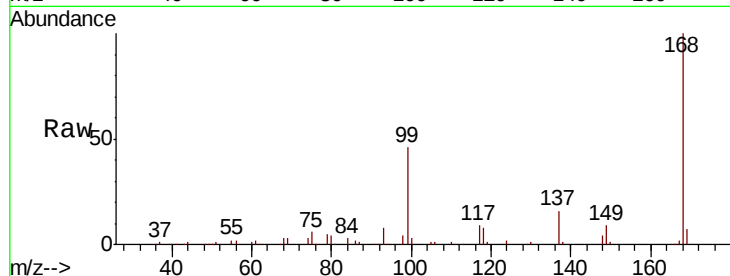
VX0731SBS02

Tot Ion:168 Resp: 109165

Ion Ratio Lower Upper

168 100

99 45.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.66

40000

30000

20000

10000

0

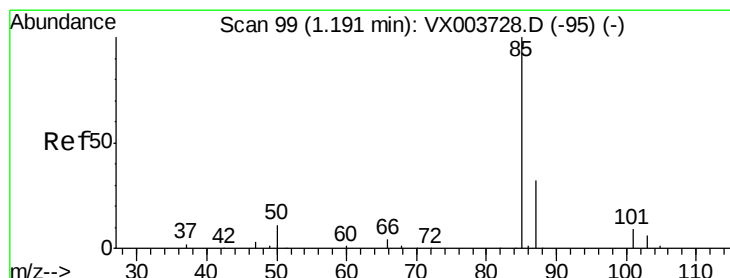
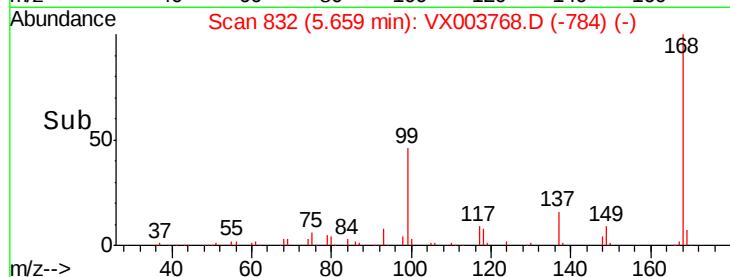
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.39 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.00 min

Lab File: VX003768.D

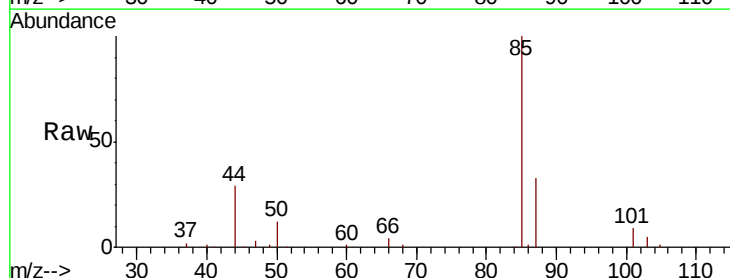
Acq: 01 Aug 2018 00:33

Tgt Ion: 85 Resp: 18787

Ion Ratio Lower Upper

85 100

87 32.9 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

20000

15000

10000

5000

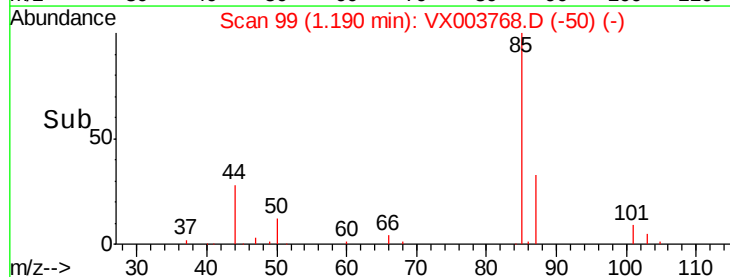
0

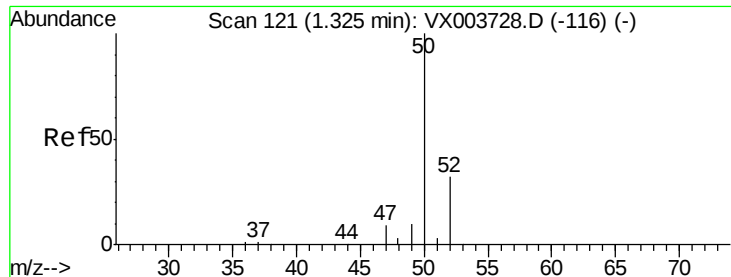
1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 18.41 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX003768.D

Acq: 01 Aug 2018 00:33

Instrument :

MSVOA_X

ClientSampleId :

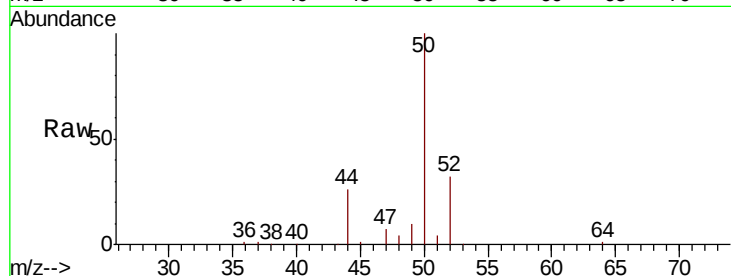
VX0731SBS02

Tot Ion: 50 Resp: 21322

Ion Ratio Lower Upper

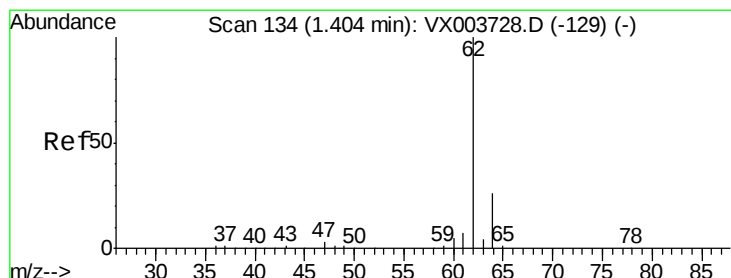
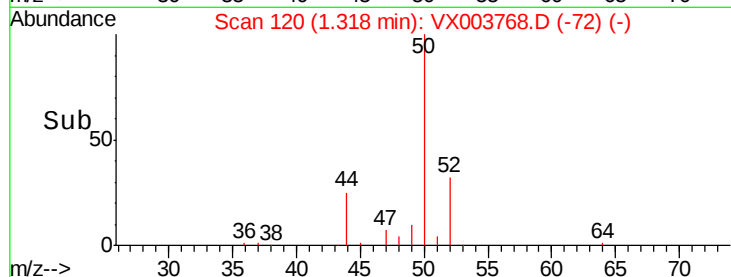
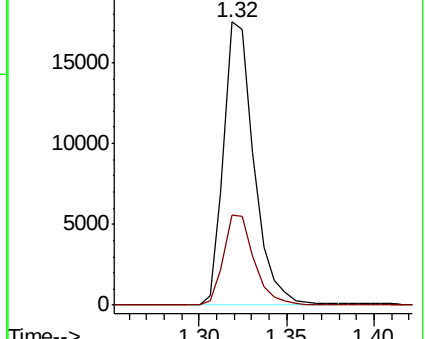
50 100

52 32.0 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: 19.56 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003768.D

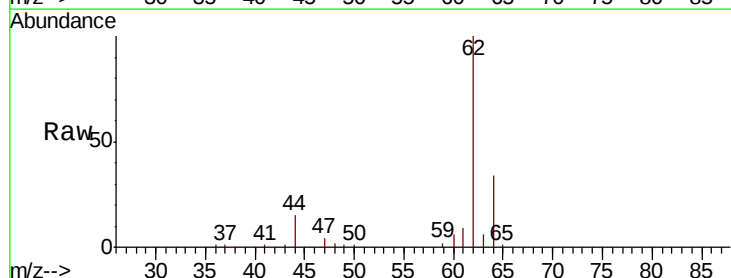
Acq: 01 Aug 2018 00:33

Tgt Ion: 62 Resp: 24372

Ion Ratio Lower Upper

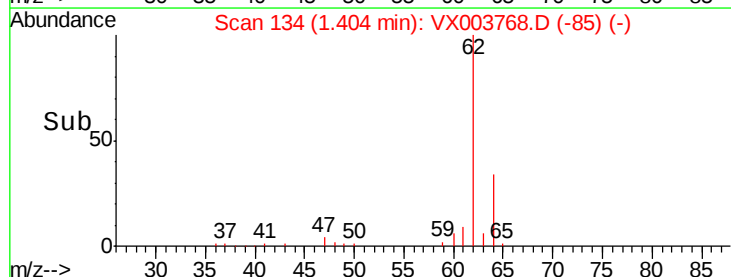
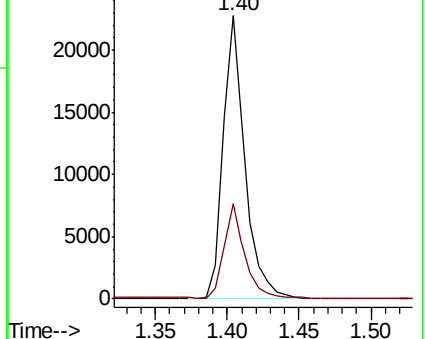
62 100

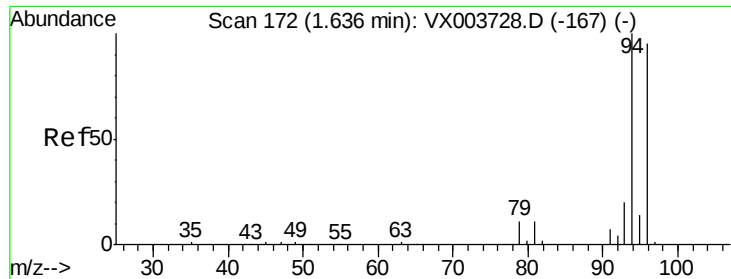
64 33.6 21.0 31.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.55 ug/l

RT: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX003768.D

Acq: 01 Aug 2018 00:33

Instrument :

MSVOA_X

ClientSampleId :

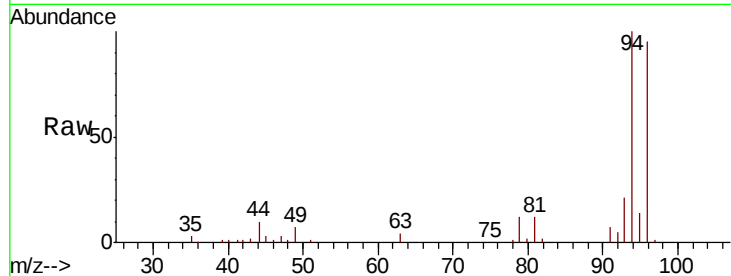
VX0731SBS02

Tot Ion: 94 Resp: 12798

Ion Ratio Lower Upper

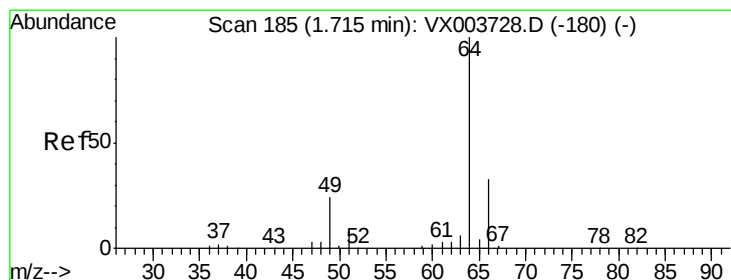
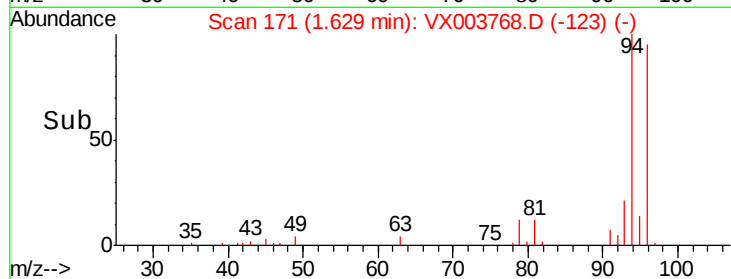
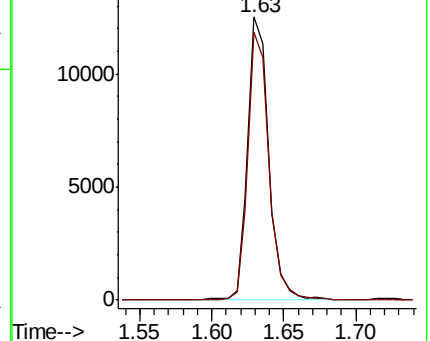
94 100

96 94.9 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.10 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX003768.D

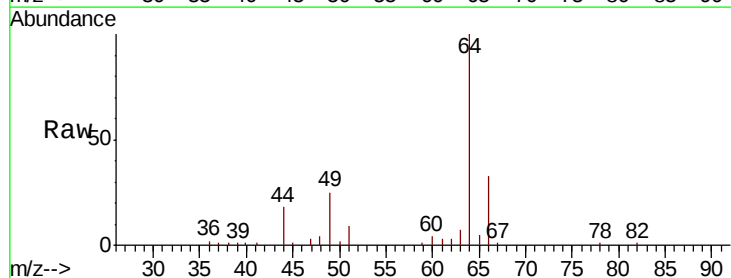
Acq: 01 Aug 2018 00:33

Tgt Ion: 64 Resp: 14913

Ion Ratio Lower Upper

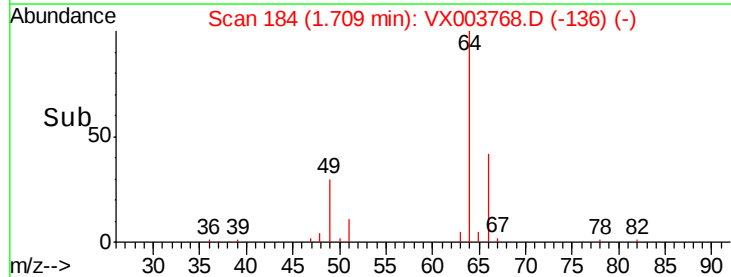
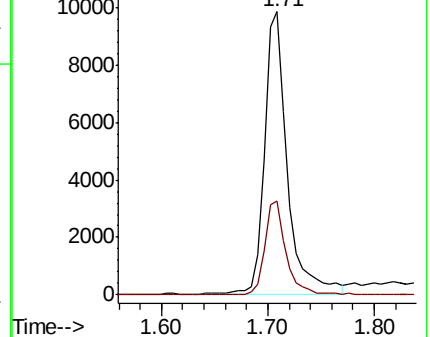
64 100

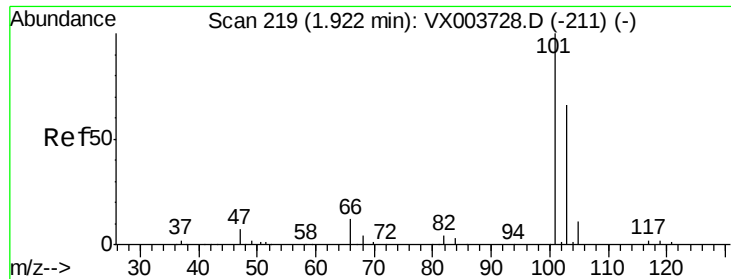
66 33.2 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 19.40 ug/l

RT: 1.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX003768.D

Acq: 01 Aug 2018 00:33

Instrument :

MSVOA_X

ClientSampleId :

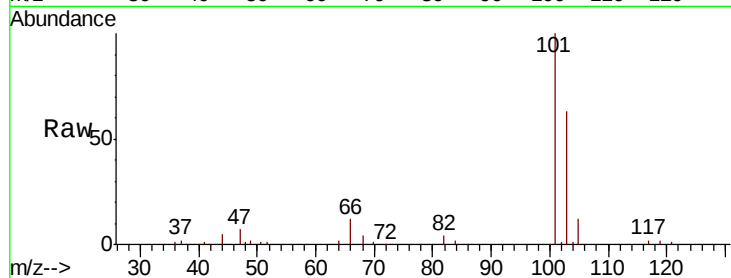
VX0731SBS02

Tot Ion:101 Resp: 31693

Ion Ratio Lower Upper

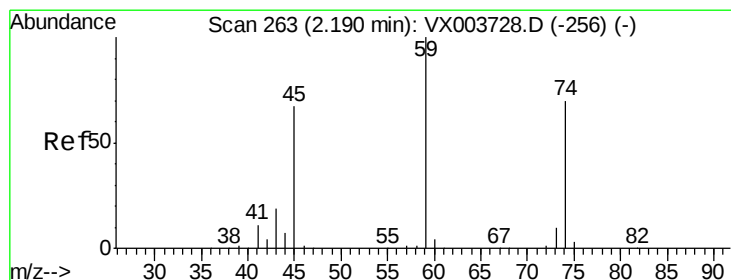
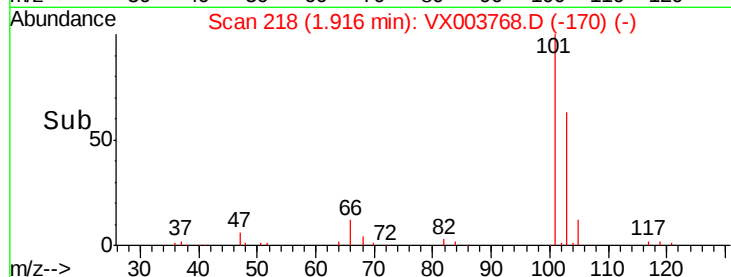
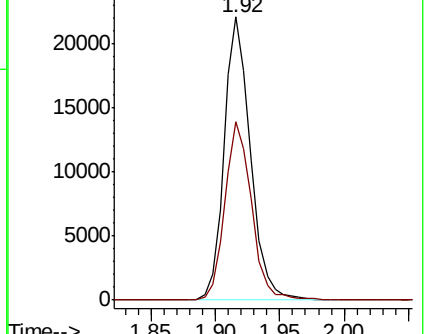
101 100

103 63.2 52.6 78.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 15.80 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX003768.D

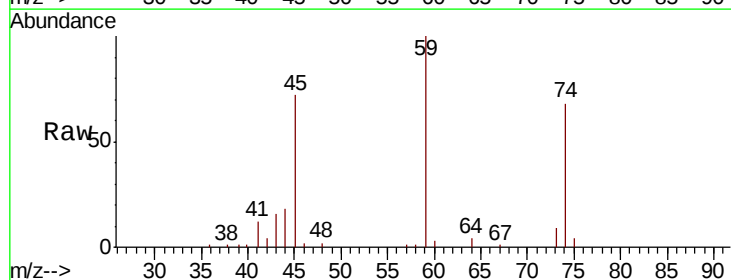
Acq: 01 Aug 2018 00:33

Tgt Ion: 74 Resp: 9758

Ion Ratio Lower Upper

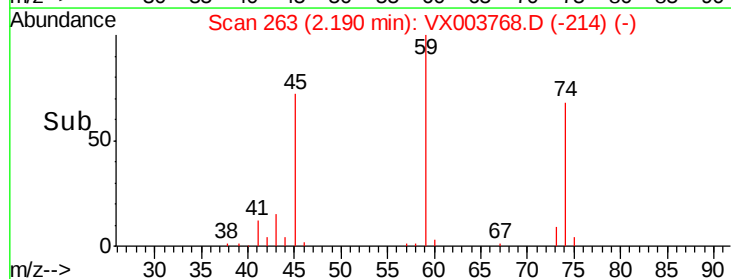
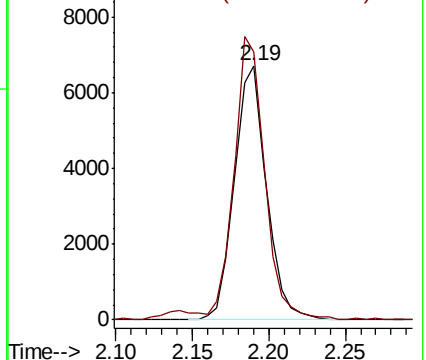
74 100

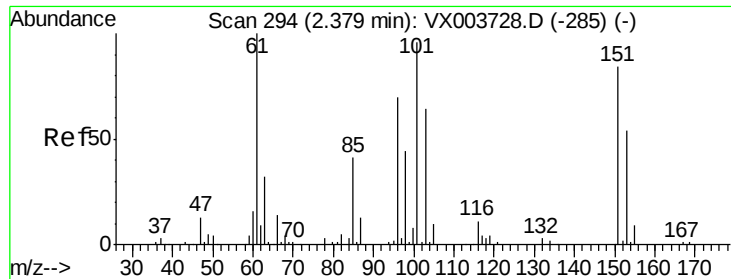
45 106.2 49.5 148.7



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

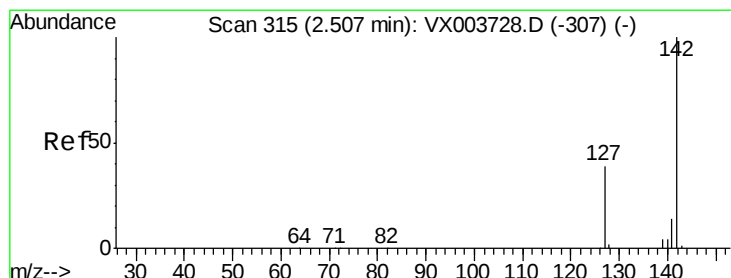
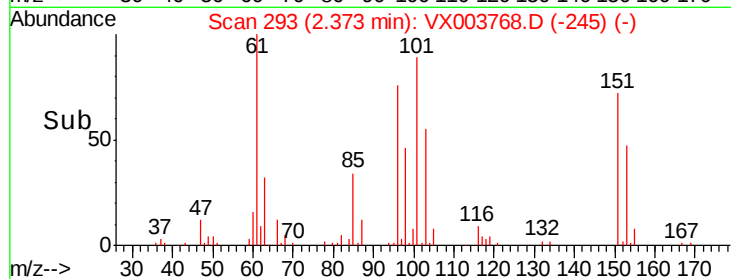
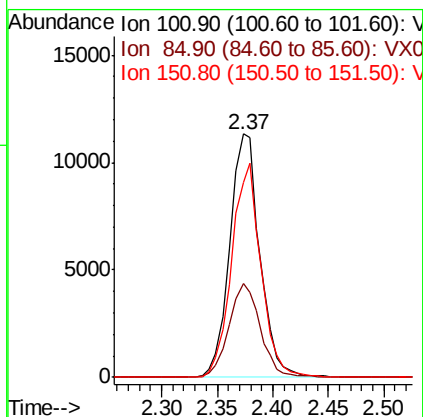
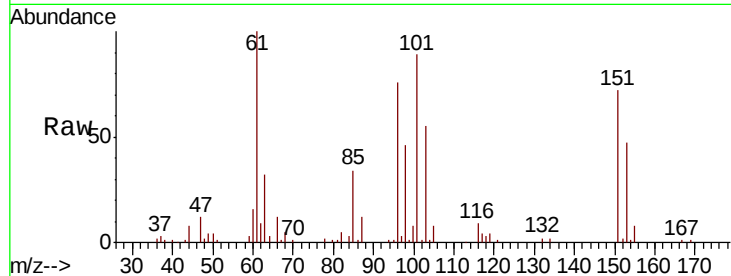




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.49 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: VX003768.D
 Acq: 01 Aug 2018 00:33

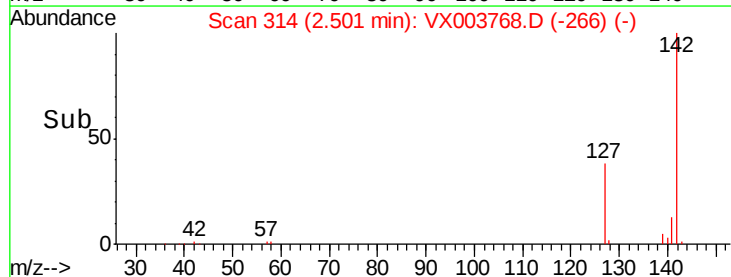
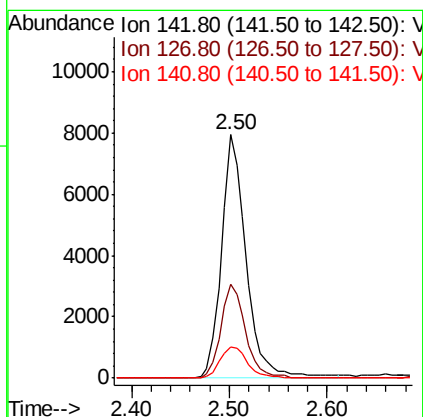
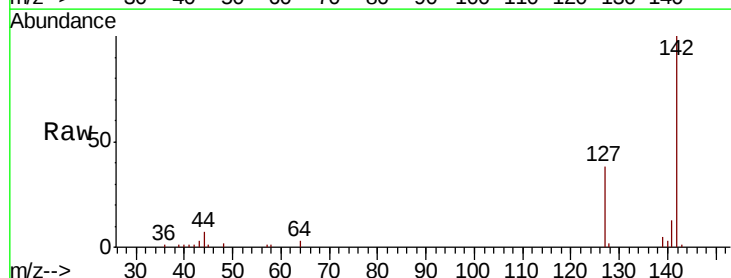
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS02

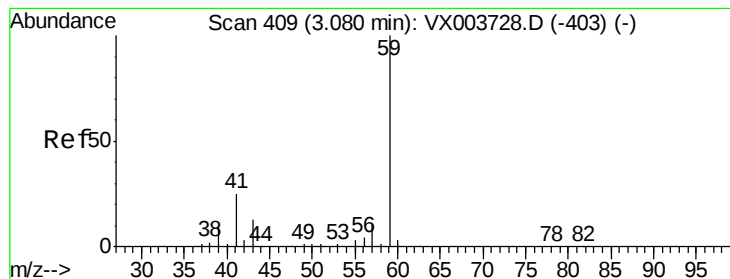
Tot Ion:101 Resp: 21234
 Ion Ratio Lower Upper
 101 100
 85 40.0 33.3 49.9
 151 85.5 68.8 103.2



#10
 Methyl Iodide
 Concen: 11.70 ug/l
 RT: 2.50 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX003768.D
 Acq: 01 Aug 2018 00:33

Tgt Ion:142 Resp: 13939
 Ion Ratio Lower Upper
 142 100
 127 38.2 32.0 48.0
 141 14.2 11.3 16.9





#11

Tert butyl alcohol

Concen: 90.88 ug/l

RT: 3.09 min Scan# 410

Delta R.T. 0.01 min

Lab File: VX003768.D

Acq: 01 Aug 2018 00:33

Instrument :

MSVOA_X

ClientSampleId :

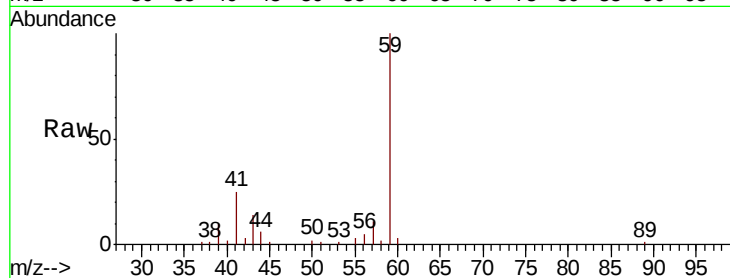
VX0731SBS02

Tot Ion: 59 Resp: 16247

Ion Ratio Lower Upper

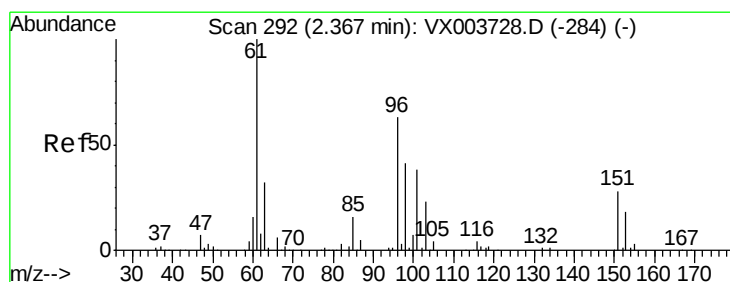
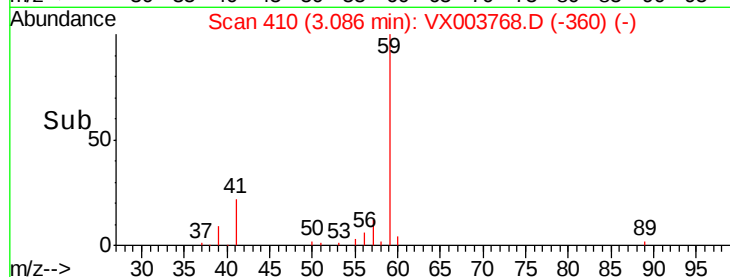
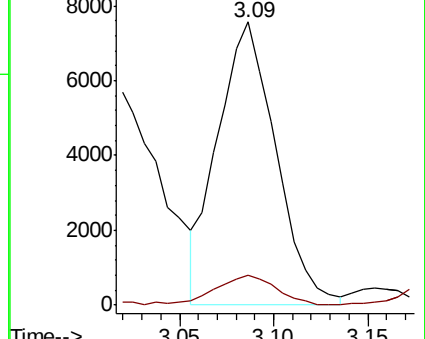
59 100

57 11.0 8.1 12.1



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 18.91 ug/l

RT: 2.37 min Scan# 292

Delta R.T. -0.00 min

Lab File: VX003768.D

Acq: 01 Aug 2018 00:33

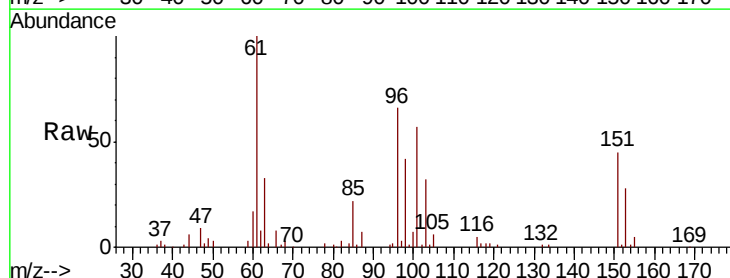
Tgt Ion: 96 Resp: 18447

Ion Ratio Lower Upper

96 100

61 152.3 127.1 190.7

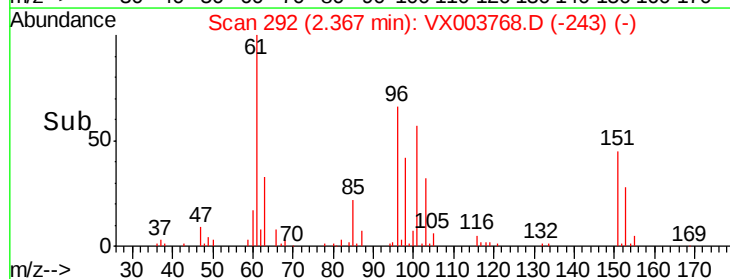
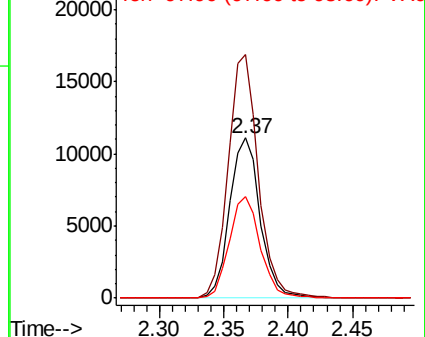
98 63.4 52.0 78.0

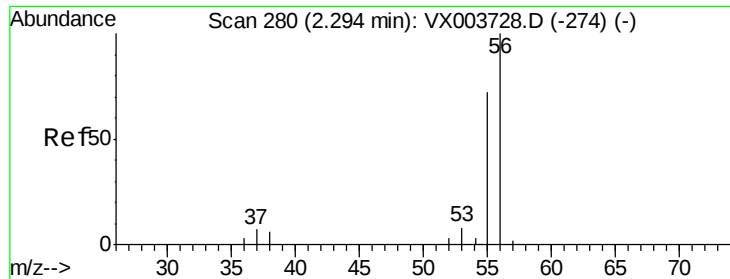


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 87.64 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX003768.D

Acq: 01 Aug 2018 00:33

Instrument :

MSVOA_X

ClientSampleId :

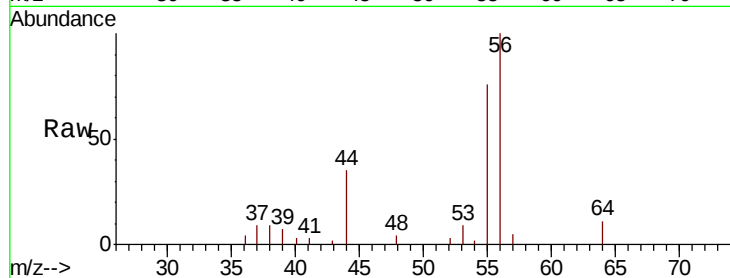
VX0731SBS02

Tot Ion: 56 Resp: 5126

Ion Ratio Lower Upper

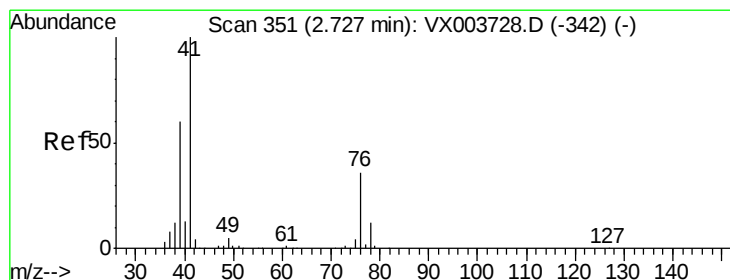
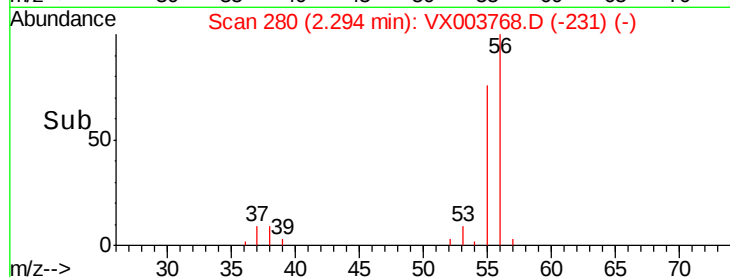
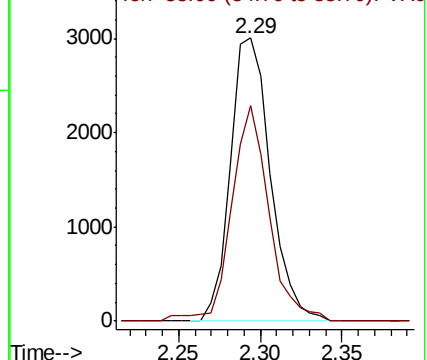
56 100

55 71.1 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: 19.01 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX003768.D

Acq: 01 Aug 2018 00:33

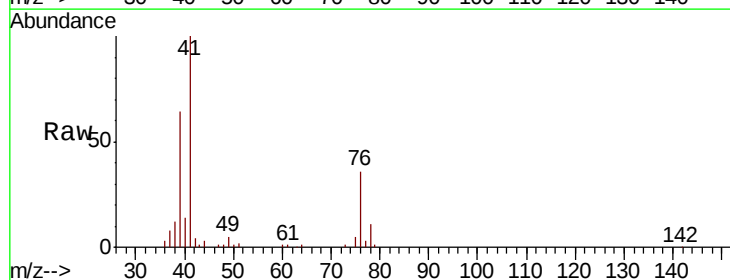
Tgt Ion: 41 Resp: 32889

Ion Ratio Lower Upper

41 100

39 56.0 47.7 71.5

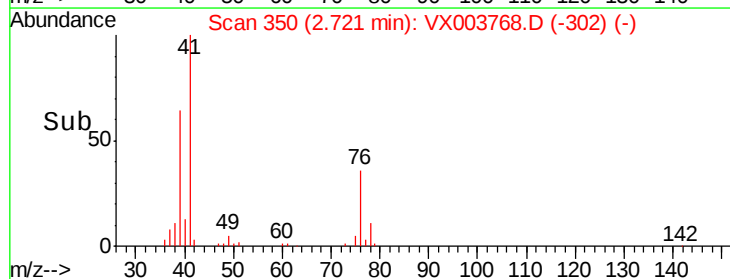
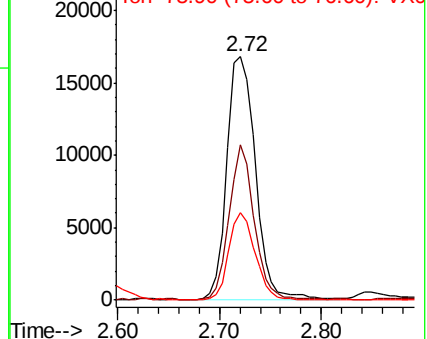
76 33.1 27.0 40.6

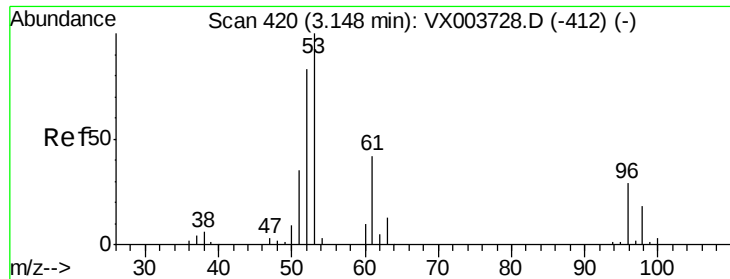


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 90.00 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VX003768.D

Acq: 01 Aug 2018 00:33

Instrument :

MSVOA_X

ClientSampled :

VX0731SBS02

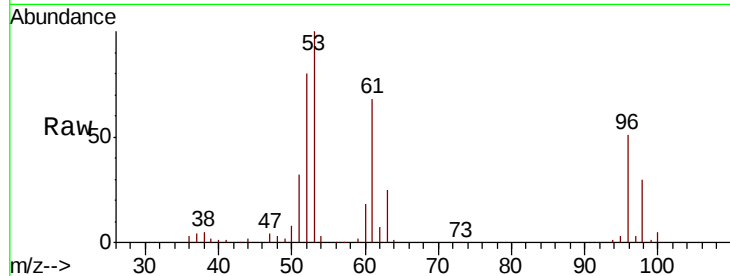
Tot Ion: 53 Resp: 40917

Ion Ratio Lower Upper

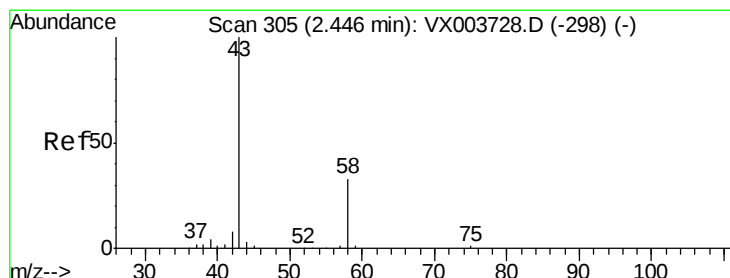
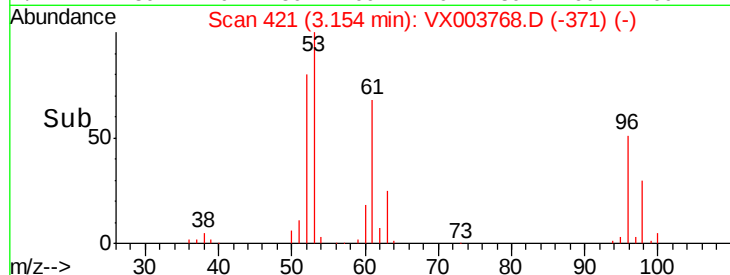
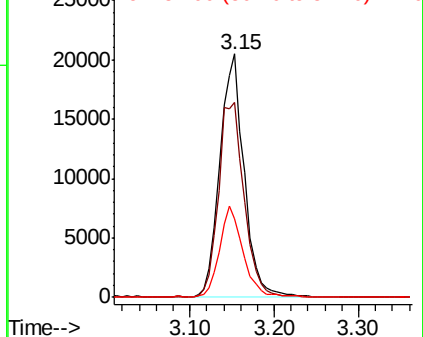
53 100

52 84.5 66.2 99.2

51 36.5 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: 77.72 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003768.D

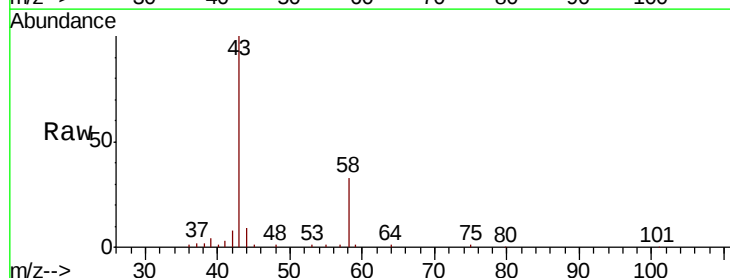
Acq: 01 Aug 2018 00:33

Tgt Ion: 43 Resp: 32777

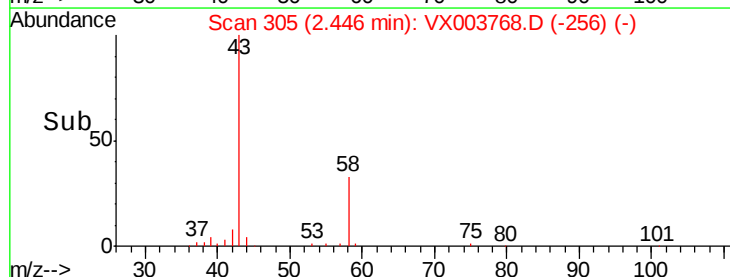
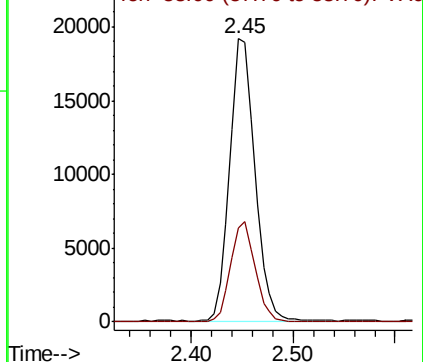
Ion Ratio Lower Upper

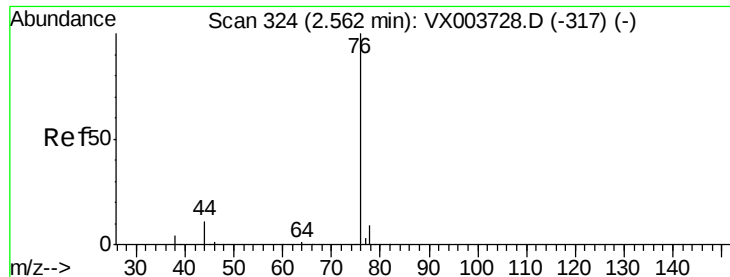
43 100

58 33.2 26.7 40.1



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

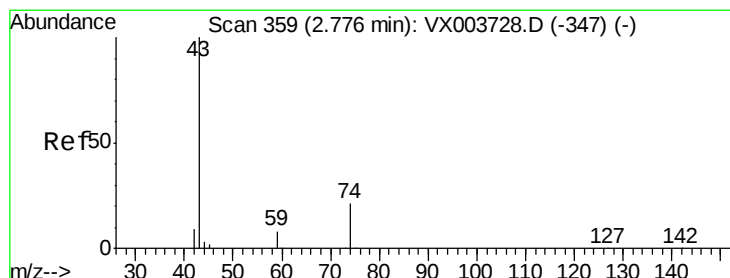
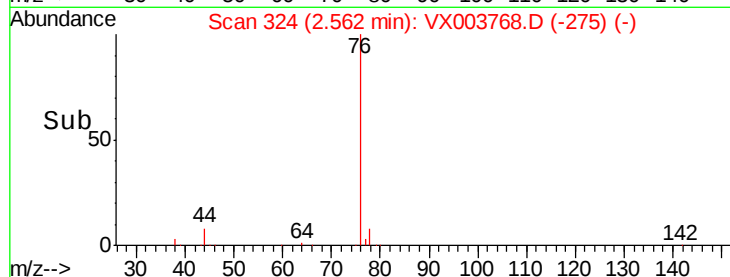
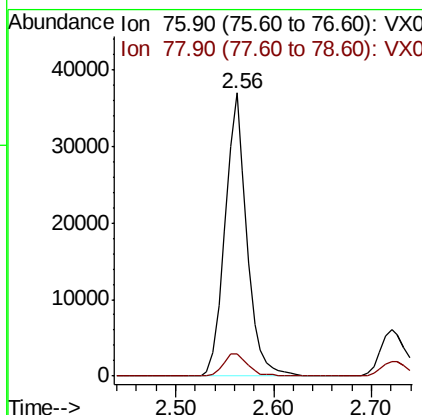
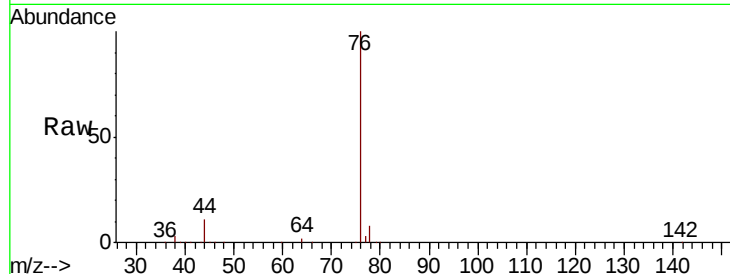




#17
 Carbon Disulfide
 Concen: 17.93 ug/l
 RT: 2.56 min Scan# 324
 Delta R.T. -0.00 min
 Lab File: VX003768.D
 Acq: 01 Aug 2018 00:33

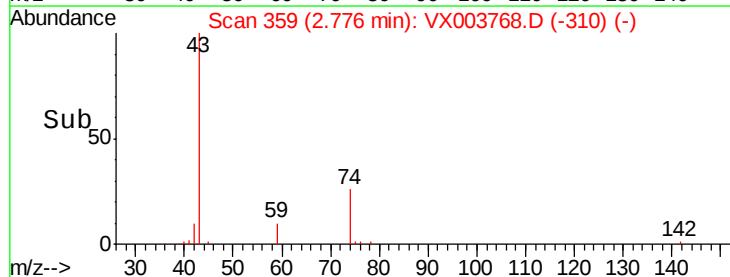
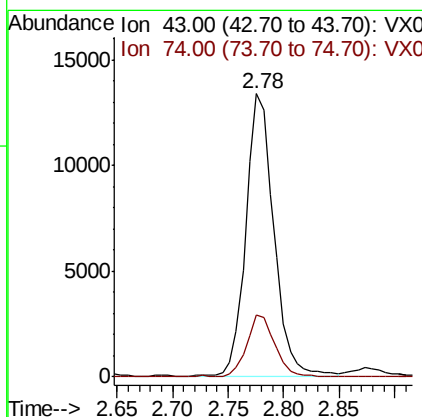
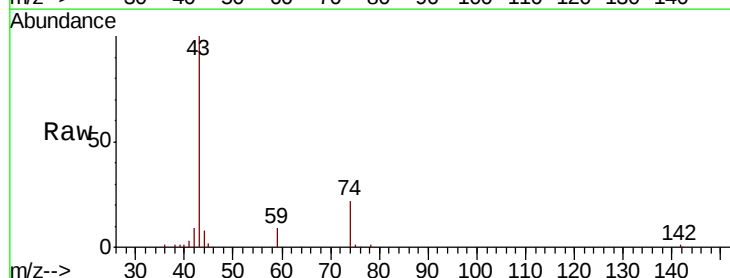
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS02

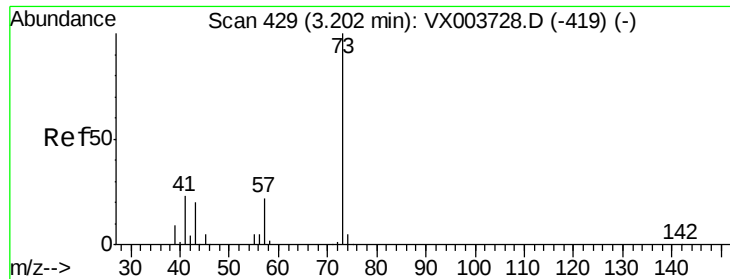
Tot Ion: 76 Resp: 56937
 Ion Ratio Lower Upper
 76 100
 78 7.9 7.3 10.9



#18
 Methyl Acetate
 Concen: 19.99 ug/l
 RT: 2.78 min Scan# 359
 Delta R.T. -0.00 min
 Lab File: VX003768.D
 Acq: 01 Aug 2018 00:33

Tgt Ion: 43 Resp: 23693
 Ion Ratio Lower Upper
 43 100
 74 21.8 18.9 28.3



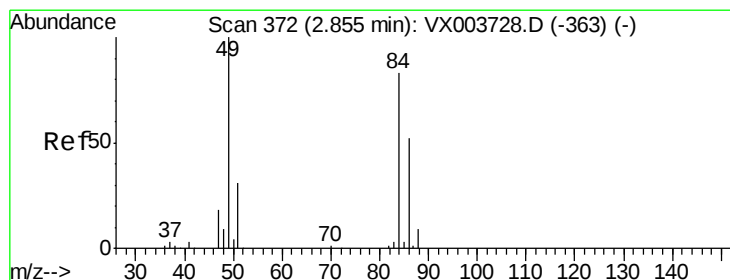
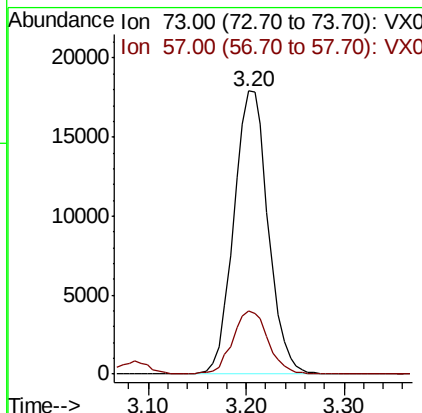
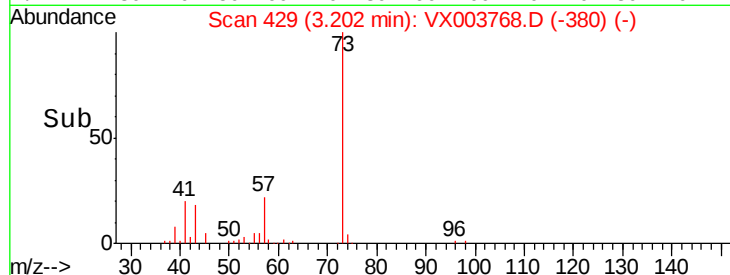
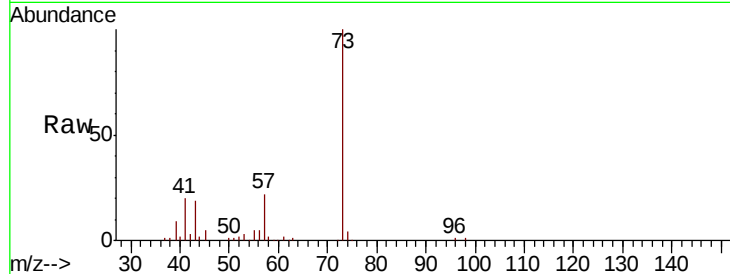


#19

Methyl tert-butyl Ether
 Concen: 16.41 ug/l
 RT: 3.20 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: VX003768.D
 Acq: 01 Aug 2018 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS02

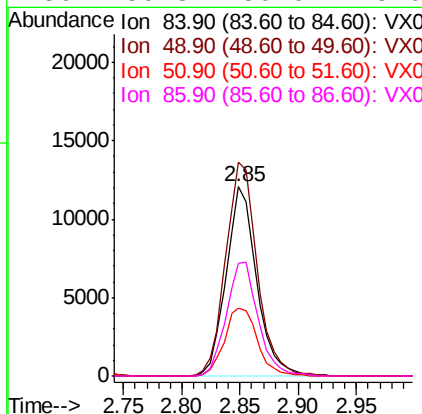
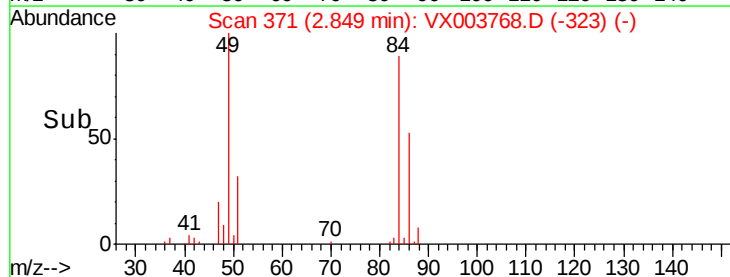
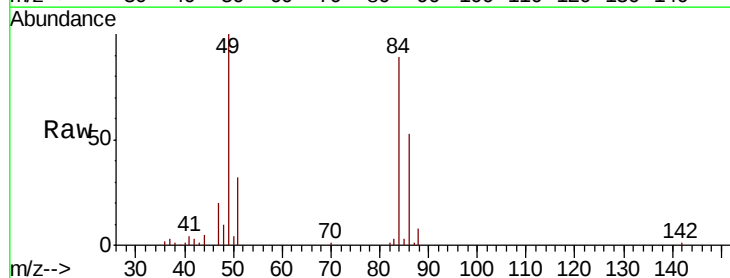
Tot Ion: 73 Resp: 43574
 Ion Ratio Lower Upper
 73 100
 57 22.4 18.0 27.0

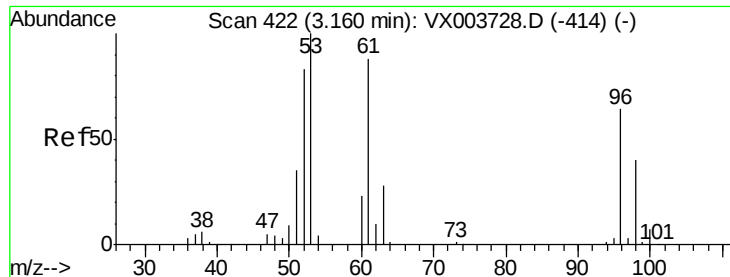


#20

Methylene Chloride
 Concen: 17.78 ug/l
 RT: 2.85 min Scan# 371
 Delta R.T. -0.01 min
 Lab File: VX003768.D
 Acq: 01 Aug 2018 00:33

Tgt Ion: 84 Resp: 22022
 Ion Ratio Lower Upper
 84 100
 49 112.8 95.8 143.8
 51 35.8 29.6 44.4
 86 59.3 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 18.18 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX003768.D

Acq: 01 Aug 2018 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS02

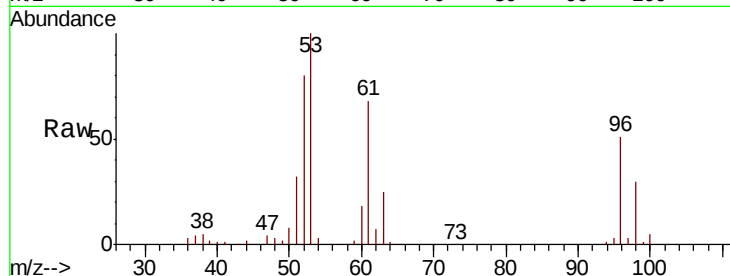
Tot Ion: 96 Resp: 19438

Ion Ratio Lower Upper

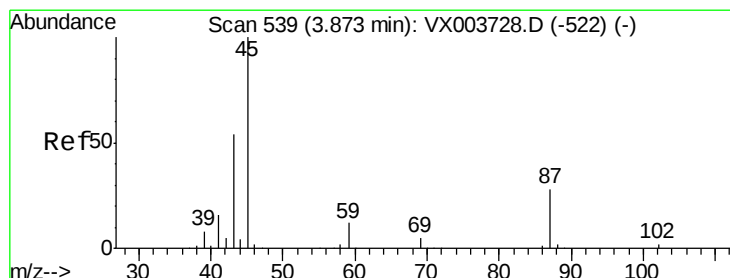
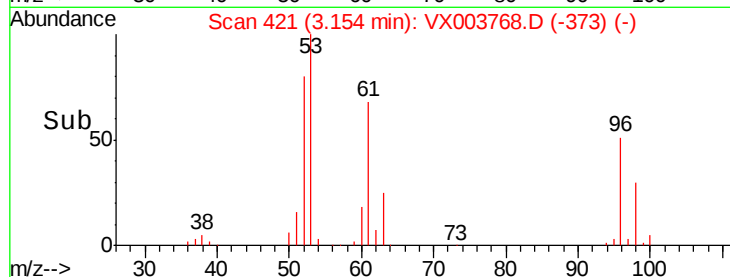
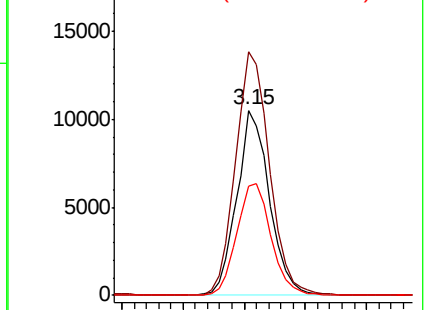
96 100

61 131.7 110.9 166.3

98 59.2 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: 17.69 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX003768.D

Acq: 01 Aug 2018 00:33

Tgt Ion: 45 Resp: 55247

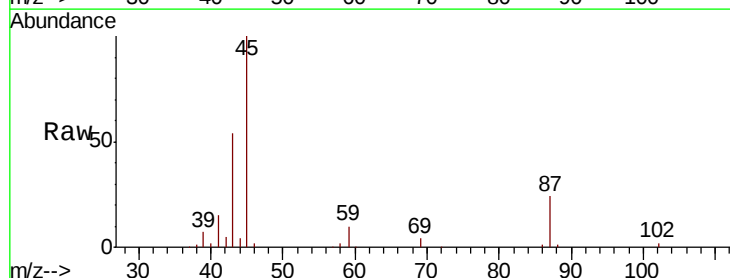
Ion Ratio Lower Upper

45 100

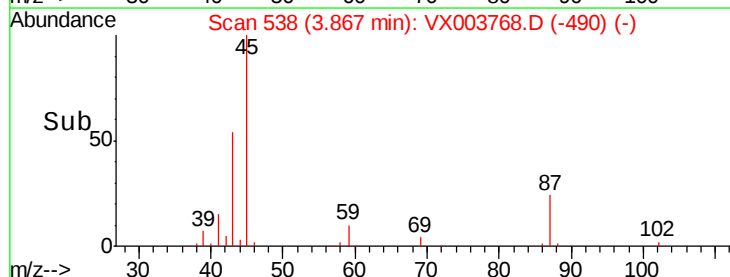
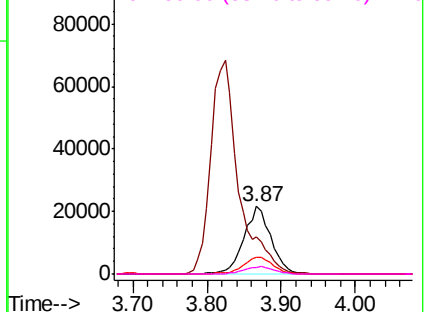
43 54.0 43.5 65.3

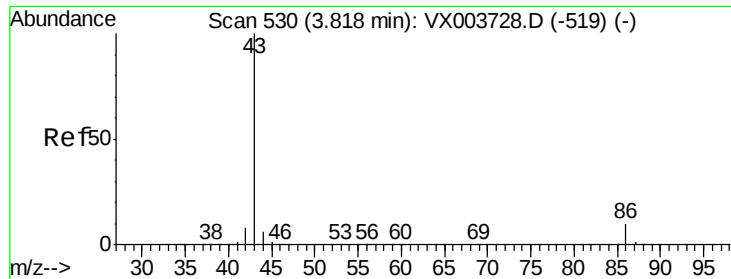
87 23.8 22.6 33.8

59 10.2 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: 79.07 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.01 min

Lab File: VX003768.D

Acq: 01 Aug 2018 00:33

Instrument :

MSVOA_X

ClientSampleId :

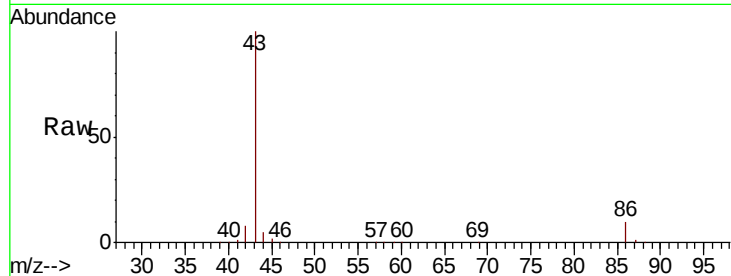
VX0731SBS02

Tot Ion: 43 Resp: 178065

Ion Ratio Lower Upper

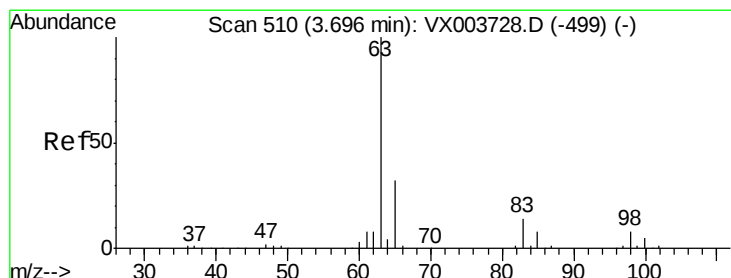
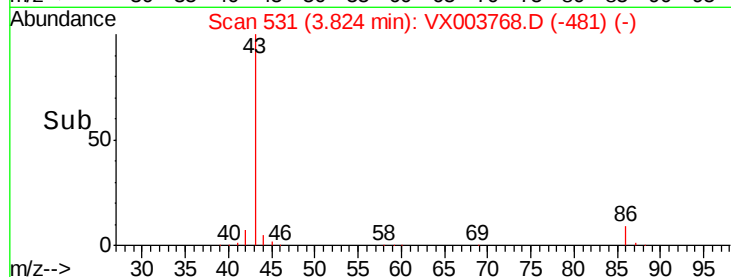
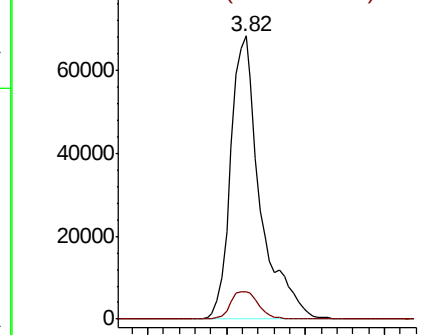
43 100

86 9.5 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: 19.37 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003768.D

Acq: 01 Aug 2018 00:33

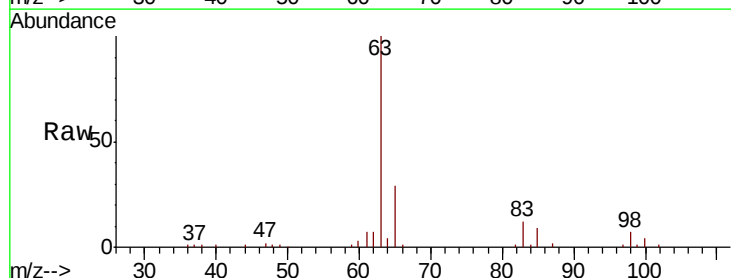
Tgt Ion: 63 Resp: 35265

Ion Ratio Lower Upper

63 100

98 7.1 4.0 12.0

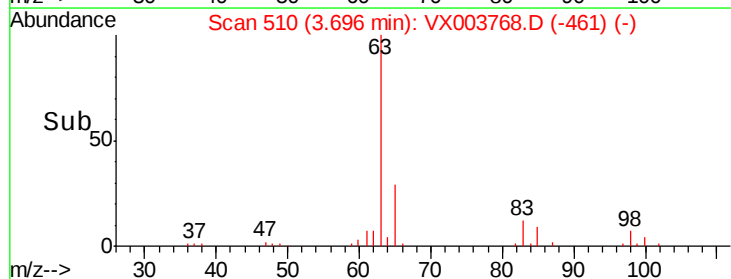
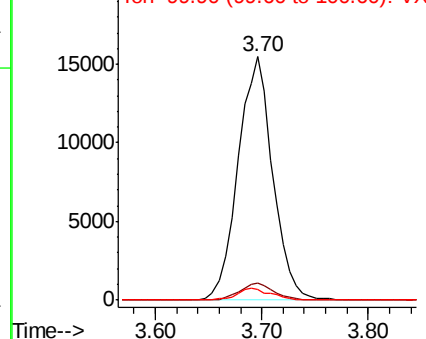
100 4.2 2.4 7.2

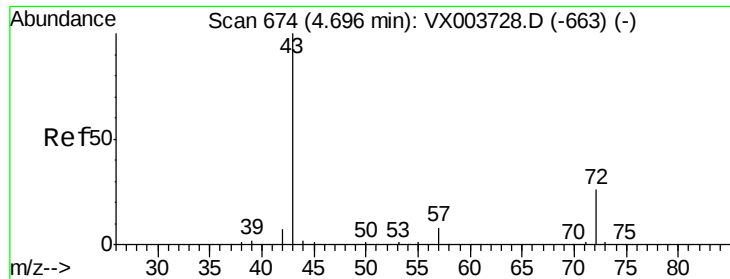


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 90.79 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.00 min

Lab File: VX003768.D

Acq: 01 Aug 2018 00:33

Instrument :

MSVOA_X

ClientSampleId :

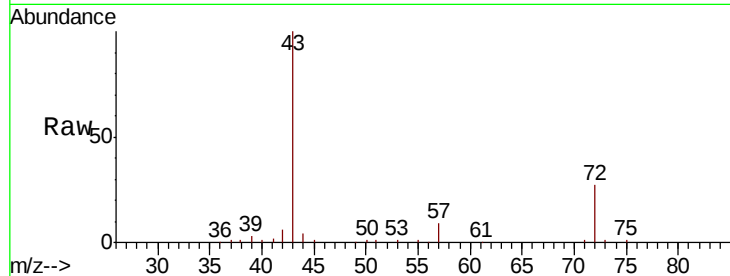
VX0731SBS02

Tot Ion: 43 Resp: 55813

Ion Ratio Lower Upper

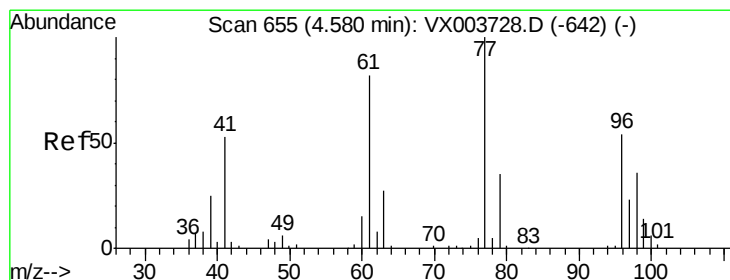
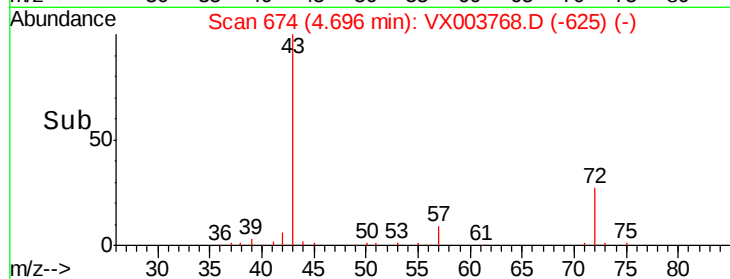
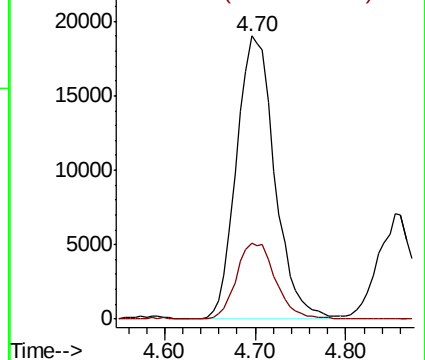
43 100

72 26.9 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: 17.55 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX003768.D

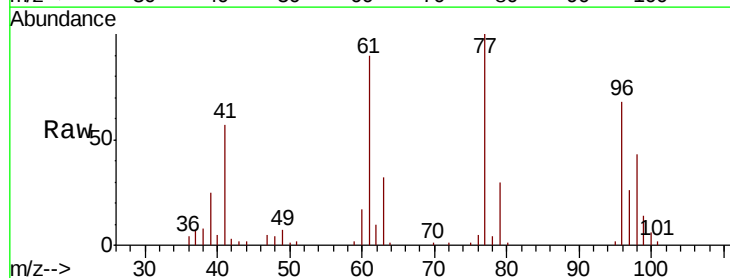
Acq: 01 Aug 2018 00:33

Tgt Ion: 77 Resp: 25175

Ion Ratio Lower Upper

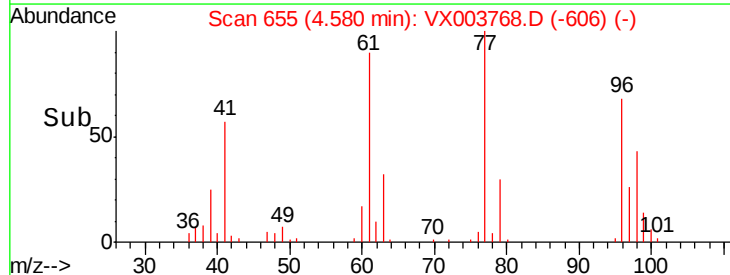
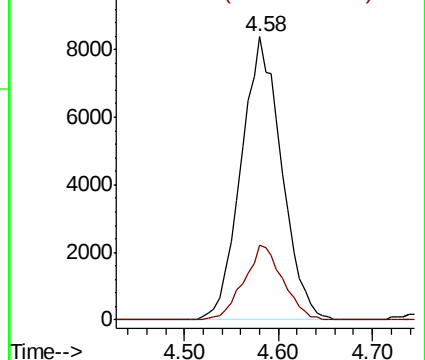
77 100

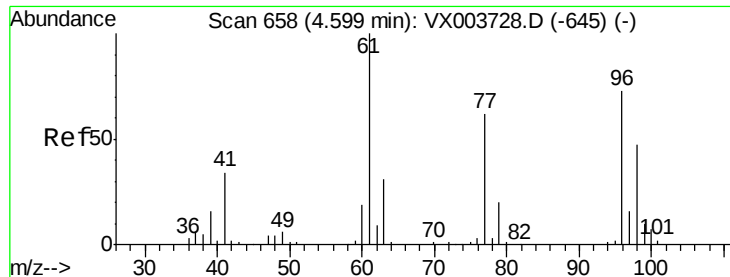
97 25.3 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

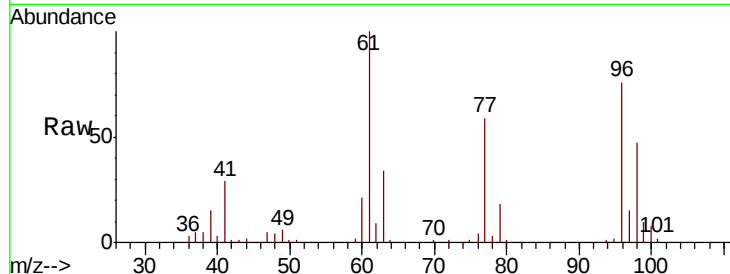




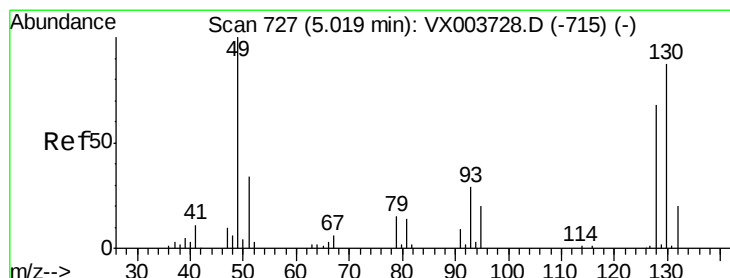
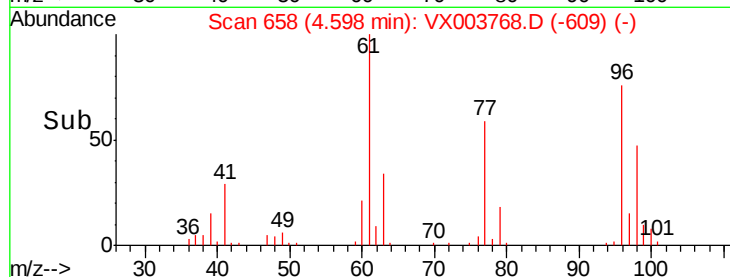
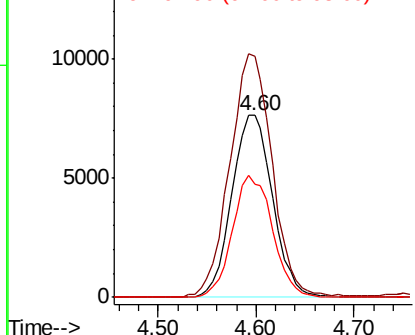
#27
 cis-1,2-Dichloroethene
 Concen: 19.15 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: VX003768.D
 Acq: 01 Aug 2018 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS02

Tot Ion: 96 Resp: 22069
 Ion Ratio Lower Upper
 96 100
 61 139.3 0.0 285.6
 98 65.4 0.0 131.0

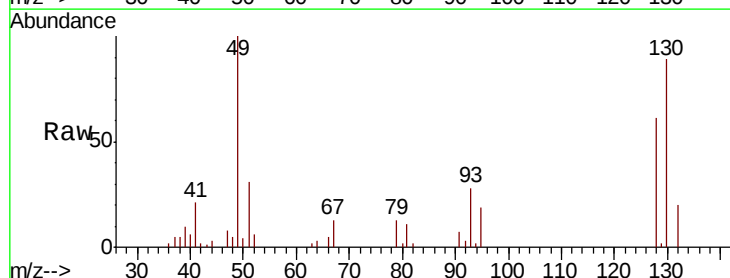


Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0

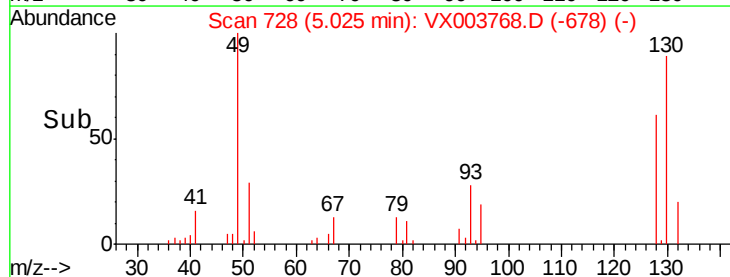
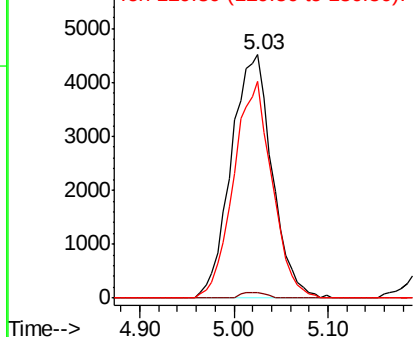


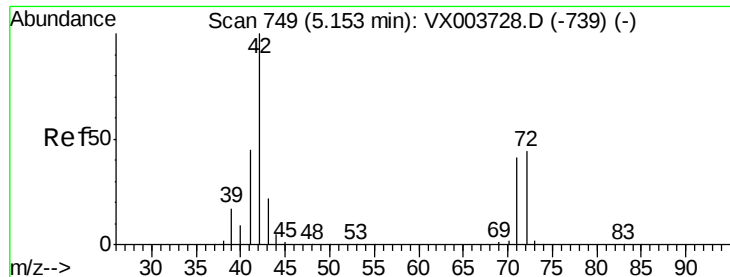
#28
 Bromochloromethane
 Concen: 16.67 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.01 min
 Lab File: VX003768.D
 Acq: 01 Aug 2018 00:33

Tgt Ion: 49 Resp: 13619
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.0
 130 83.6 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

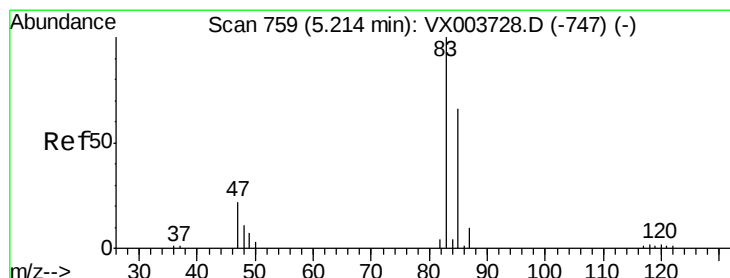
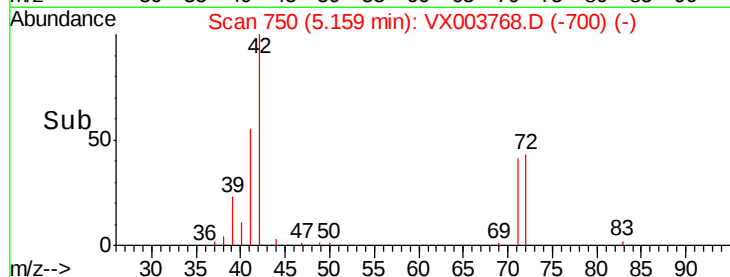
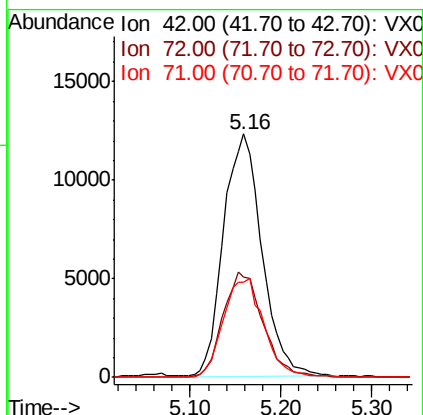
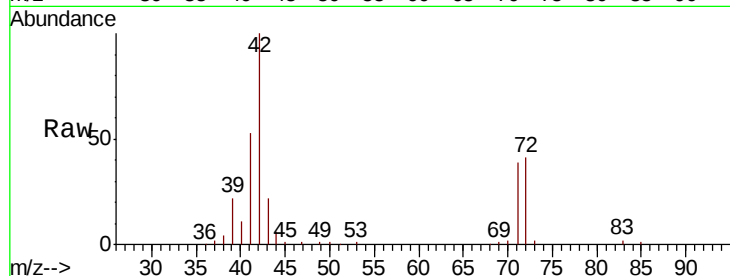




#29
Tetrahydrofuran
Concen: 92.63 ug/l
RT: 5.16 min Scan# 750
Delta R.T. 0.01 min
Lab File: VX003768.D
Acq: 01 Aug 2018 00:33

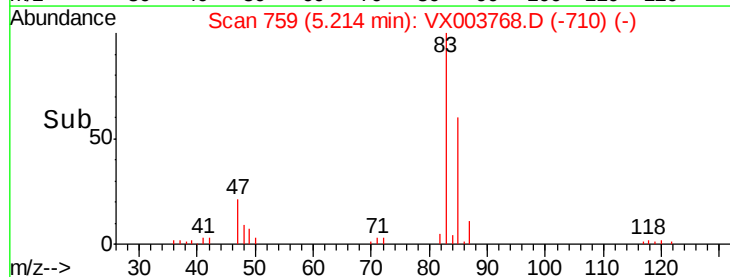
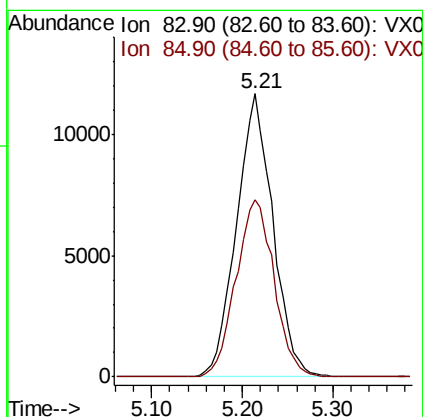
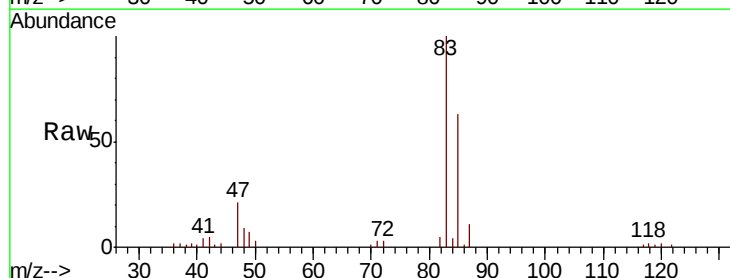
Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

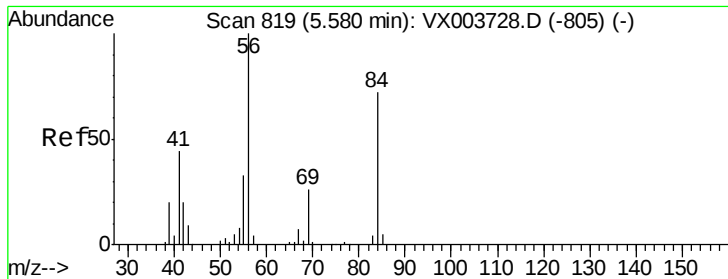
Tot Ion: 42 Resp: 36291
Ion Ratio Lower Upper
42 100
72 45.0 35.6 53.4
71 42.7 33.4 50.0



#30
Chloroform
Concen: 18.12 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX003768.D
Acq: 01 Aug 2018 00:33

Tgt Ion: 83 Resp: 32507
Ion Ratio Lower Upper
83 100
85 62.8 52.8 79.2





#31

Cyclohexane

Concen: 19.99 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX003768.D

Acq: 01 Aug 2018 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS02

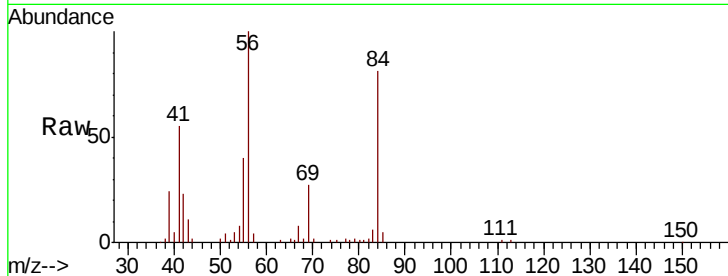
Tot Ion: 56 Resp: 35156

Ion Ratio Lower Upper

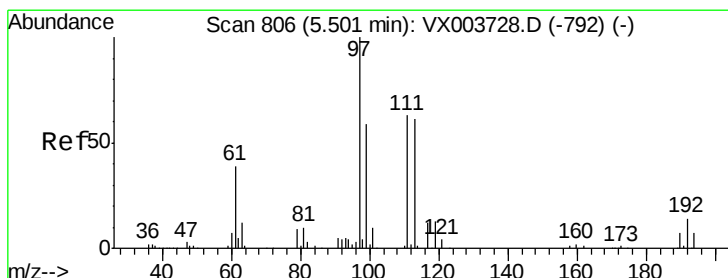
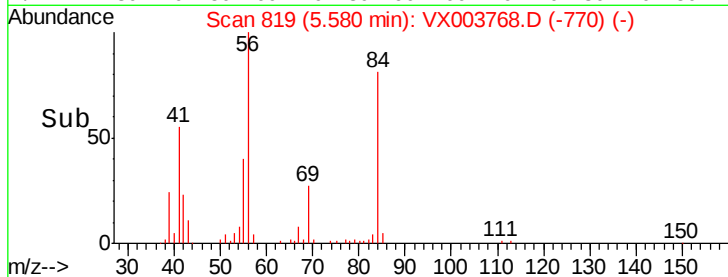
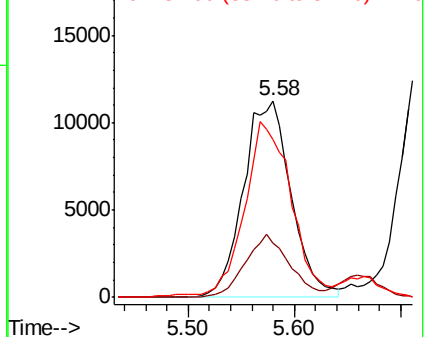
56 100

69 27.4 20.6 30.8

84 79.1 57.9 86.9



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



#32

1,1,1-Trichloroethane

Concen: 19.42 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX003768.D

Acq: 01 Aug 2018 00:33

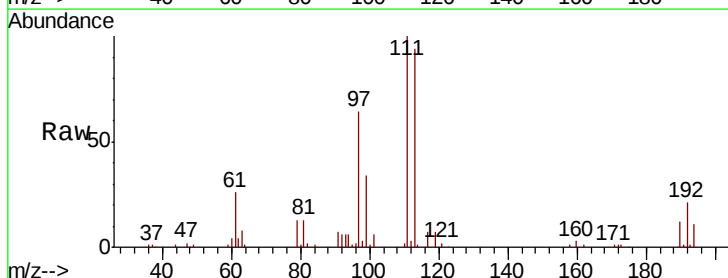
Tgt Ion: 97 Resp: 29941

Ion Ratio Lower Upper

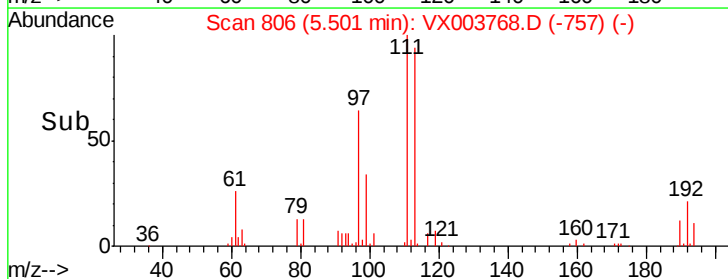
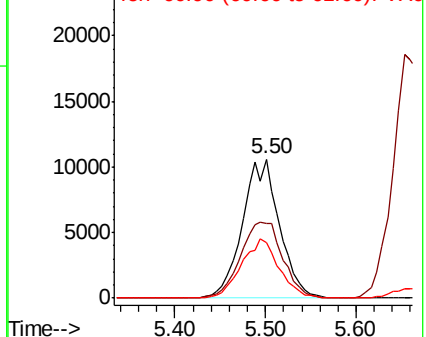
97 100

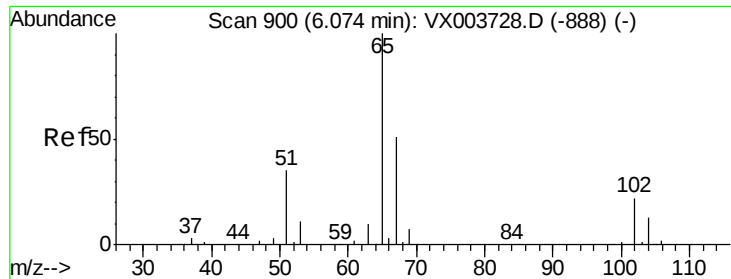
99 62.4 51.4 77.2

61 43.1 33.4 50.2



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

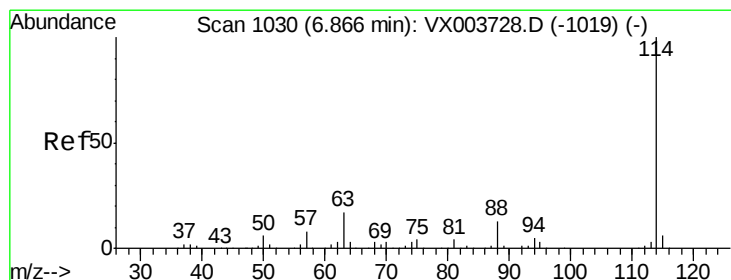
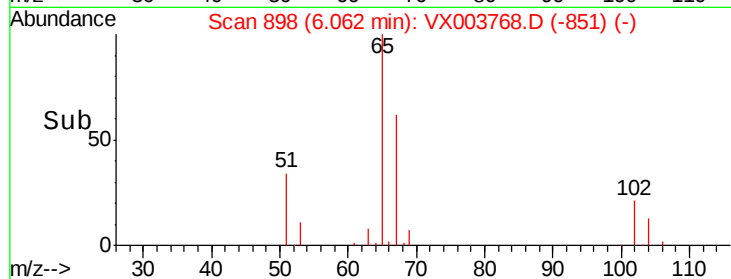
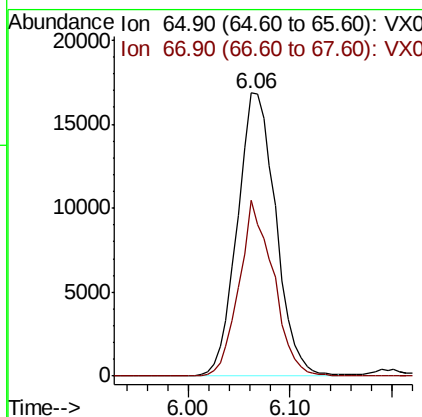
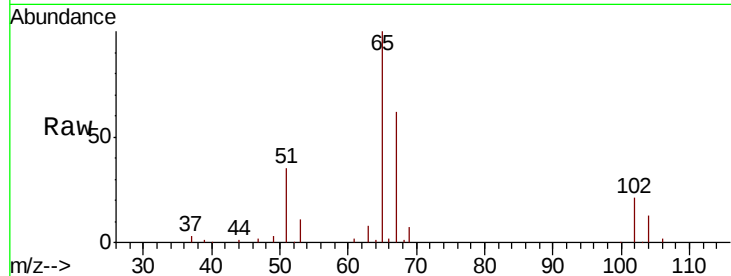




#33
 1,2-Dichloroethane-d4
 Concen: 40.08 ug/l
 RT: 6.06 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VX003768.D
 Acq: 01 Aug 2018 00:33

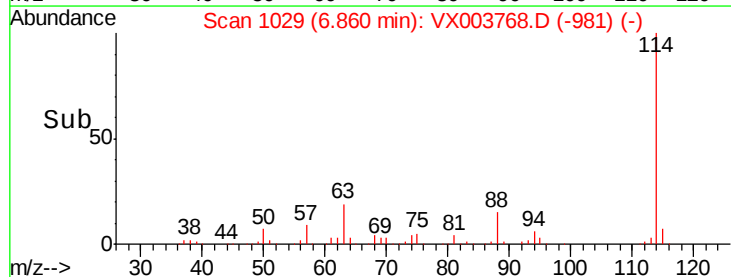
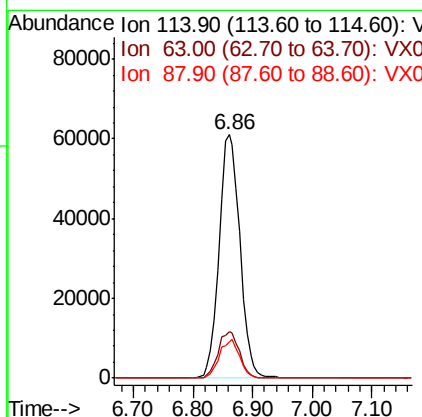
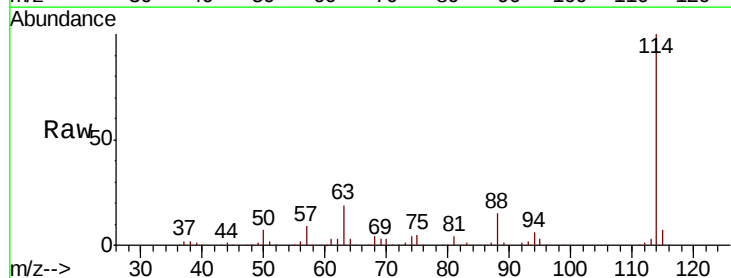
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS02

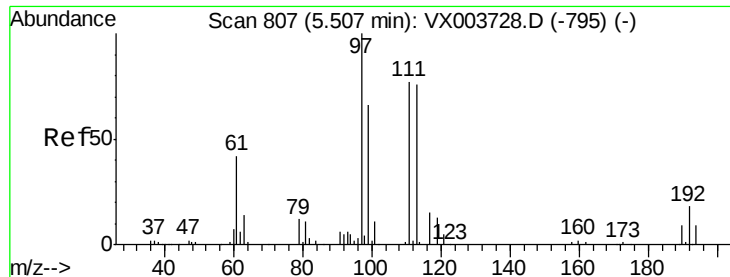
Tot Ion: 65 Resp: 44253
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003768.D
 Acq: 01 Aug 2018 00:33

Tgt Ion: 114 Resp: 148116
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 34.0
 88 15.1 0.0 26.4





#35

Dibromofluoromethane

Concen: 47.35 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX003768.D

Acq: 01 Aug 2018 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS02

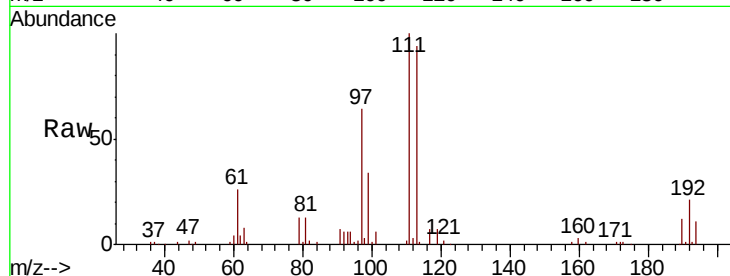
Tot Ion:113 Resp: 41300

Ion Ratio Lower Upper

113 100

111 103.2 81.8 122.6

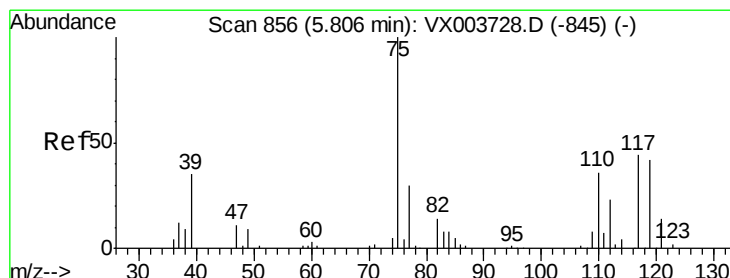
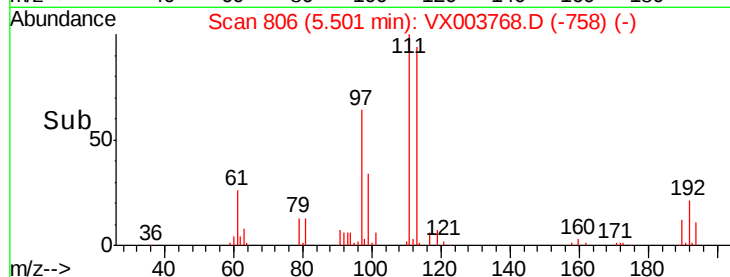
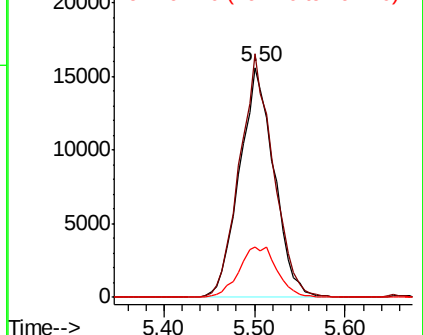
192 24.0 18.8 28.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.18 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX003768.D

Acq: 01 Aug 2018 00:33

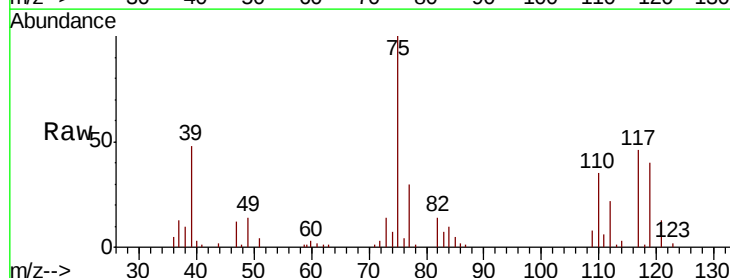
Tgt Ion: 75 Resp: 27994

Ion Ratio Lower Upper

75 100

110 36.8 18.3 54.8

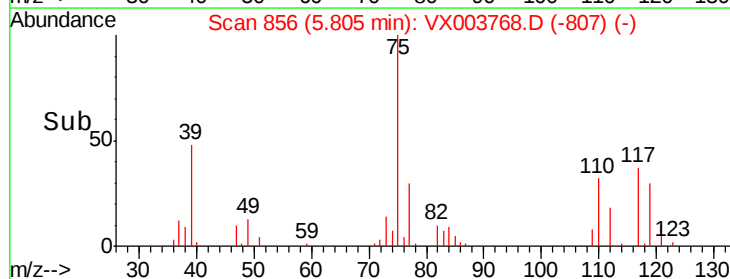
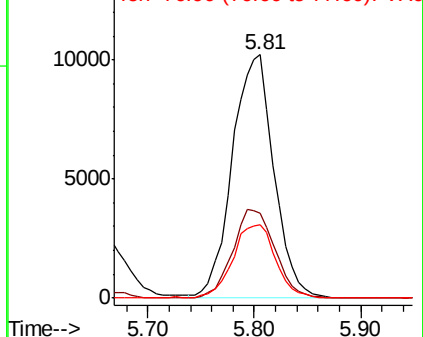
77 30.7 25.1 37.7

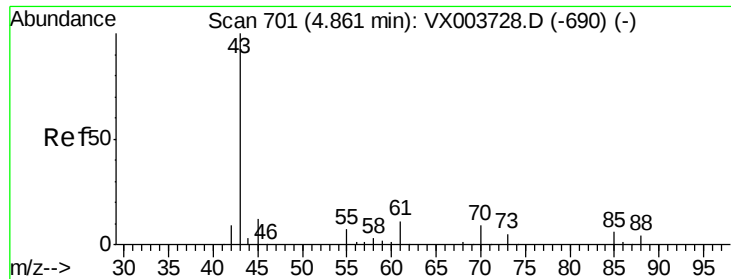


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

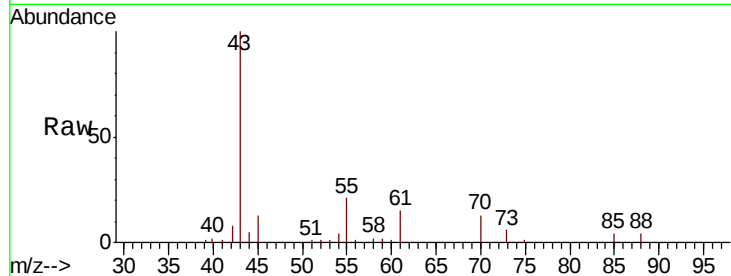




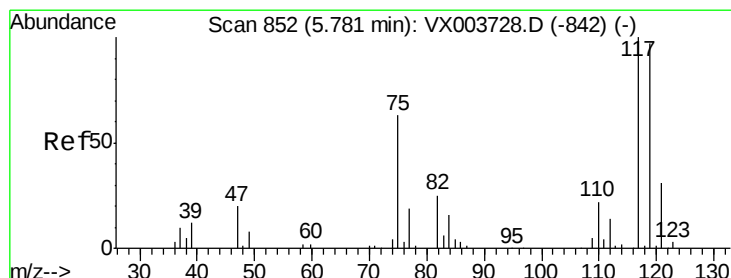
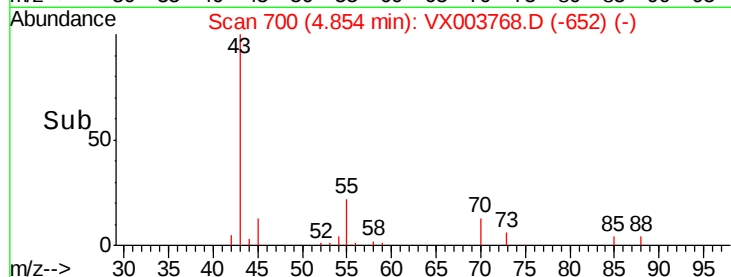
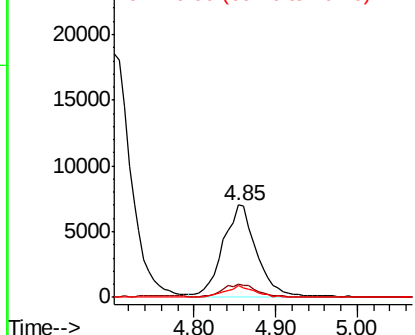
#37
Ethyl Acetate
Concen: 19.11 ug/l
RT: 4.85 min Scan# 700
Delta R.T. -0.01 min
Lab File: VX003768.D
Acq: 01 Aug 2018 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

Tot Ion: 43 Resp: 20362
Ion Ratio Lower Upper
43 100
61 14.7 11.4 17.0
70 10.9 8.2 12.2

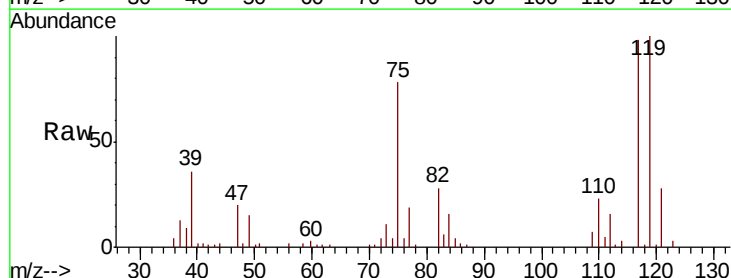


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

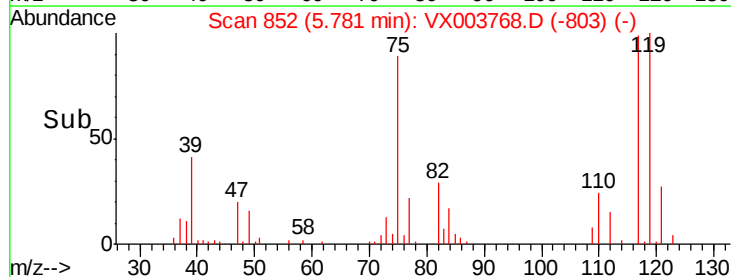
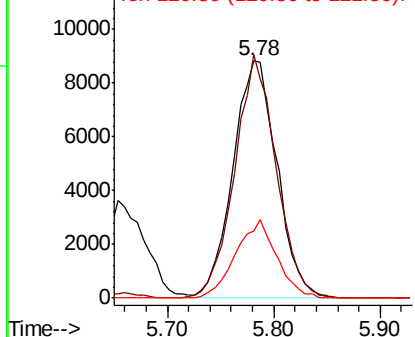


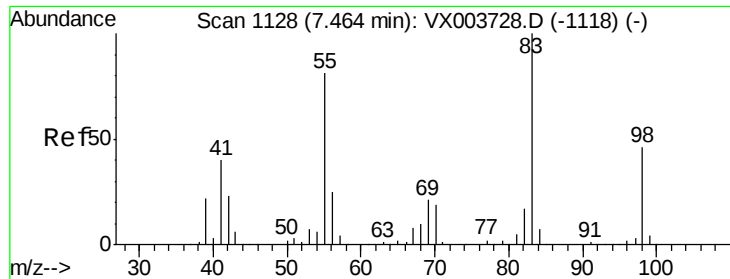
#38
Carbon Tetrachloride
Concen: 20.00 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.00 min
Lab File: VX003768.D
Acq: 01 Aug 2018 00:33

Tgt Ion: 117 Resp: 25663
Ion Ratio Lower Upper
117 100
119 102.4 77.2 115.8
121 28.4 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

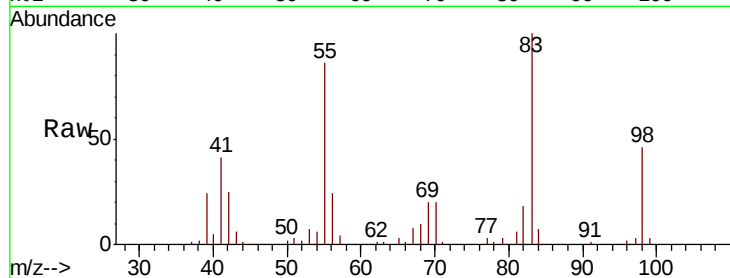




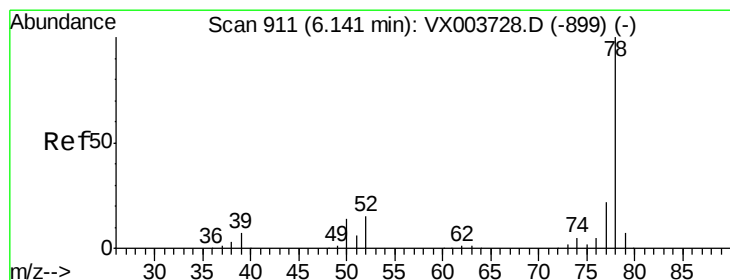
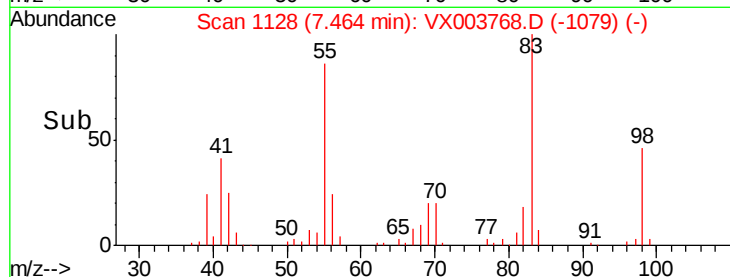
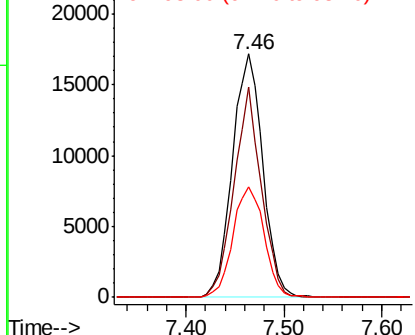
#39
Methvlcvclohexane
Concen: 21.69 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003768.D
Acq: 01 Aug 2018 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

Tot Ion: 83 Resp: 36938
Ion Ratio Lower Upper
83 100
55 86.2 65.0 97.6
98 45.5 37.1 55.7

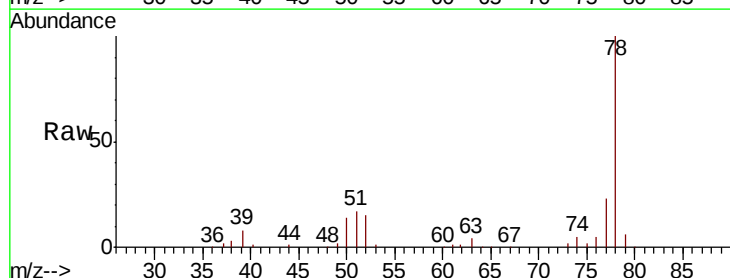


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

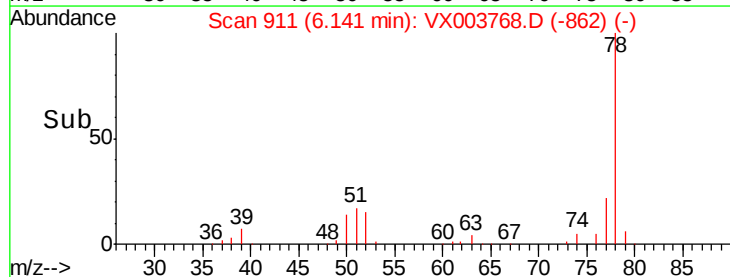
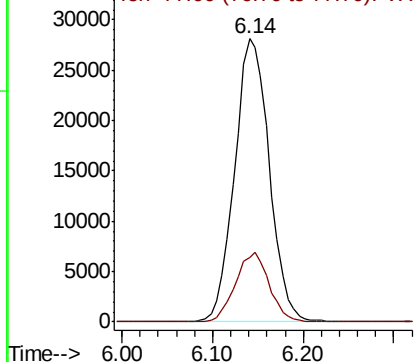


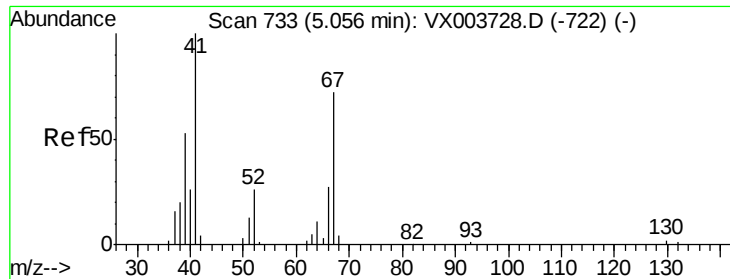
#40
Benzene
Concen: 18.77 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX003768.D
Acq: 01 Aug 2018 00:33

Tgt Ion: 78 Resp: 74610
Ion Ratio Lower Upper
78 100
77 23.0 17.9 26.9



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

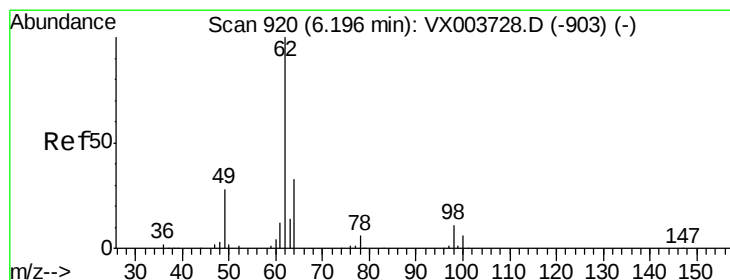
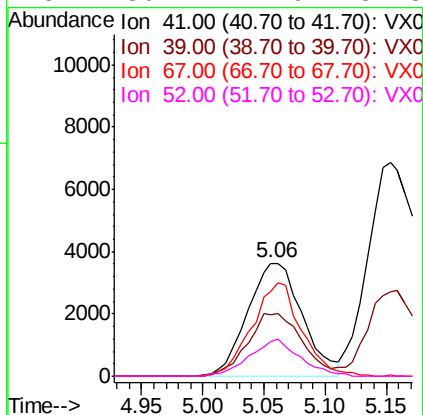
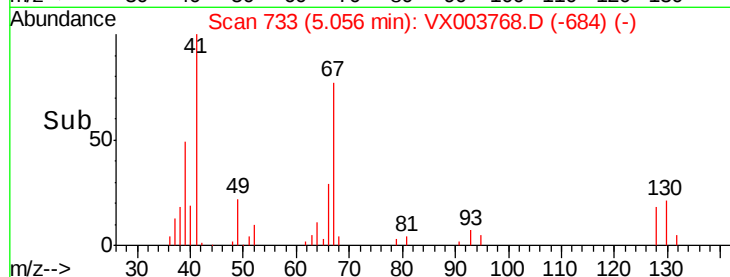
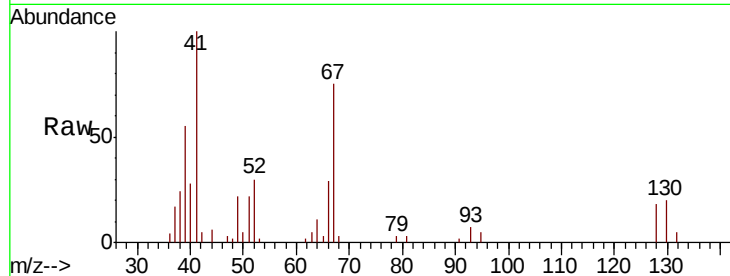




#41
Methacrylonitrile
Concen: 18.85 ug/l
RT: 5.06 min Scan# 733
Delta R.T. -0.00 min
Lab File: VX003768.D
Acq: 01 Aug 2018 00:33

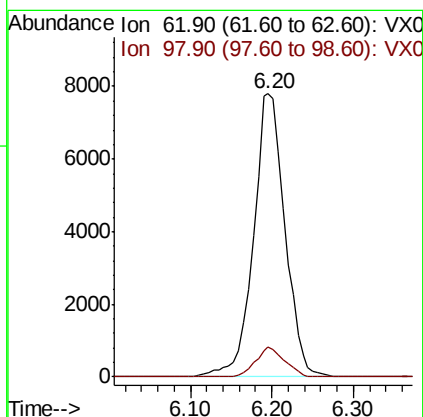
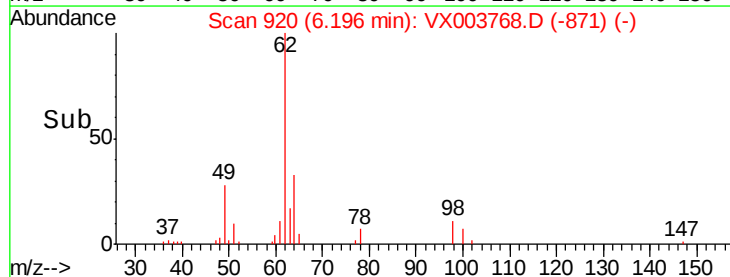
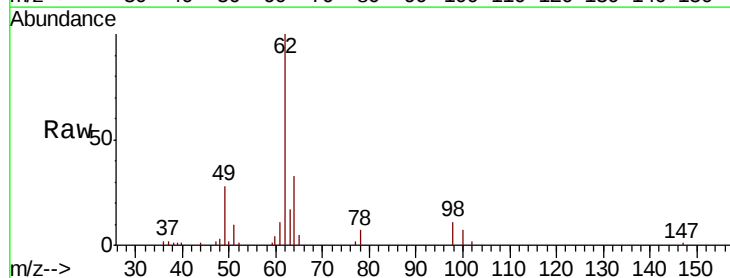
Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

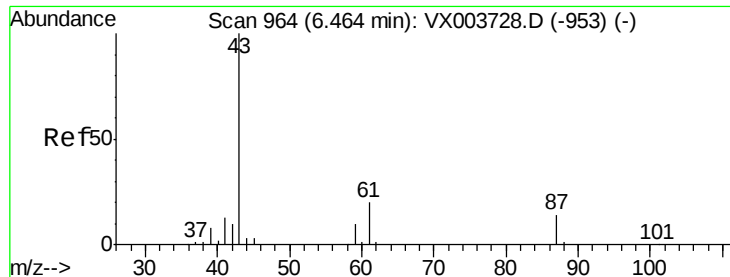
Tot Ion:	41	Resp:	11319
Ion	Ratio	Lower	Upper
41	100		
39	54.9	42.6	64.0
67	74.7	58.9	88.3
52	30.1	22.9	34.3



#42
1,2-Dichloroethane
Concen: 17.48 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX003768.D
Acq: 01 Aug 2018 00:33

Tgt Ion:	62	Resp:	20984
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.4





#43

Isopropyl Acetate

Concen: 17.40 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX003768.D

Acq: 01 Aug 2018 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS02

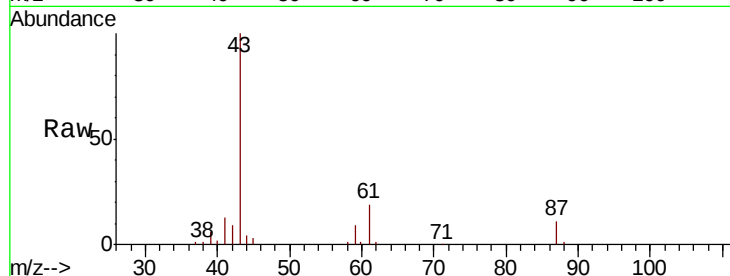
Tot Ion: 43 Resp: 29534

Ion Ratio Lower Upper

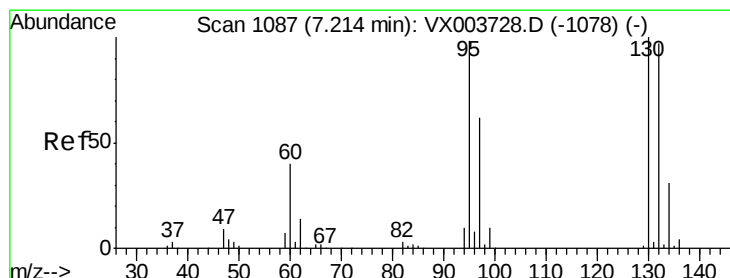
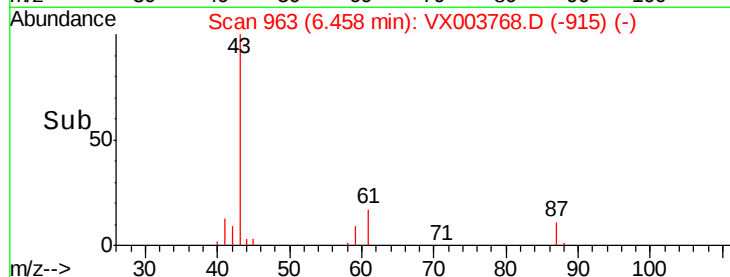
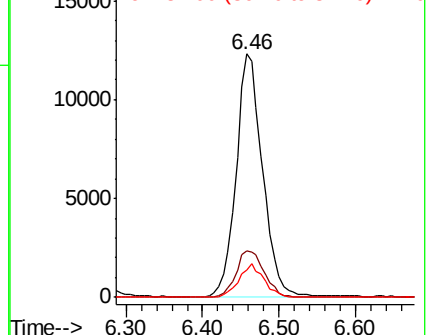
43 100

61 20.3 16.5 24.7

87 12.7 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: 18.87 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX003768.D

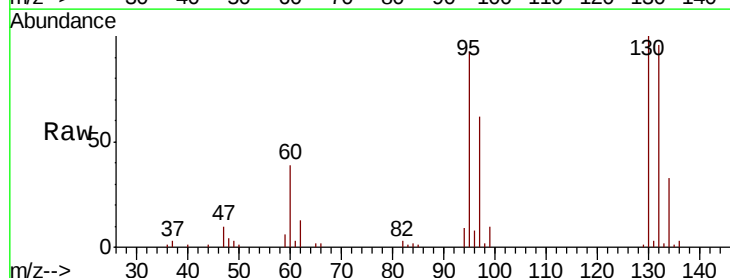
Acq: 01 Aug 2018 00:33

Tgt Ion:130 Resp: 21394

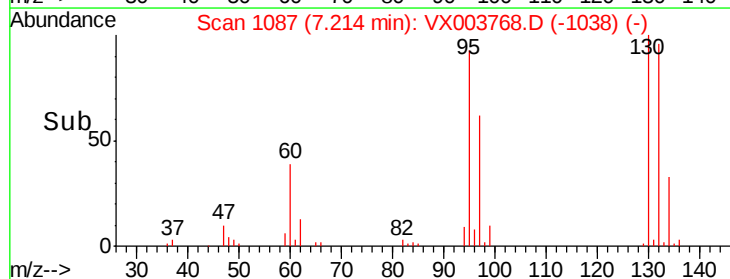
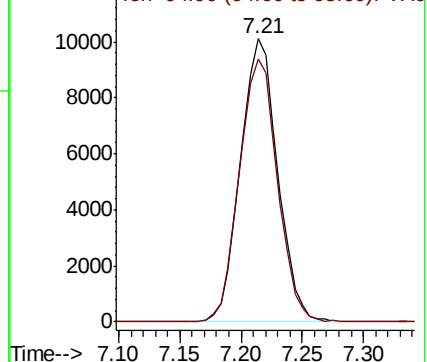
Ion Ratio Lower Upper

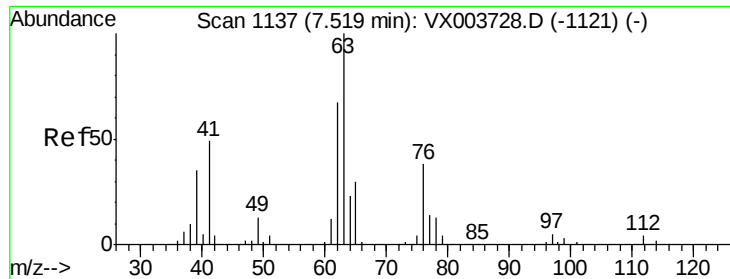
130 100

95 92.7 0.0 196.2



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

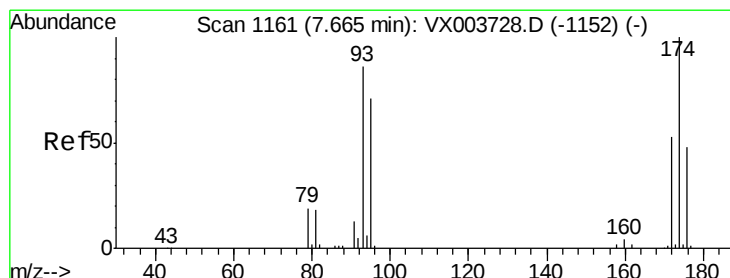
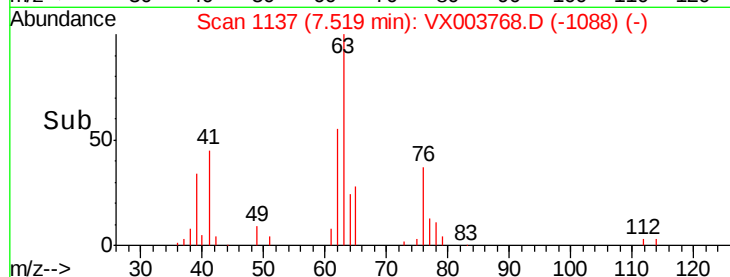
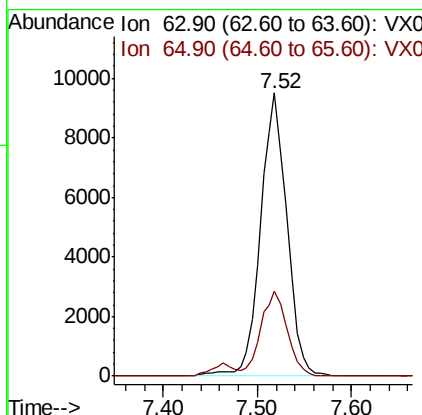
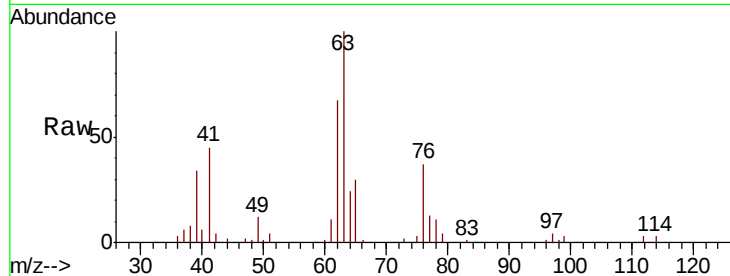




#45
 1,2-Dichloropropane
 Concen: 19.19 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003768.D
 Acq: 01 Aug 2018 00:33

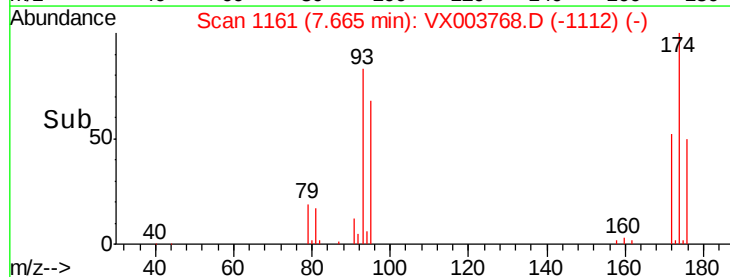
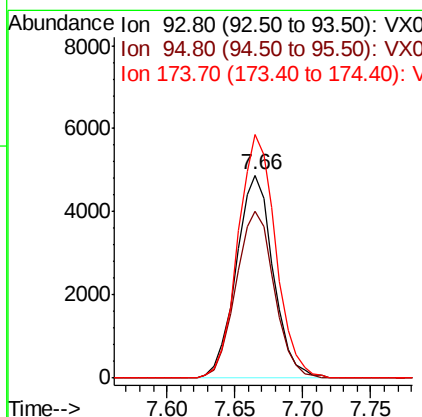
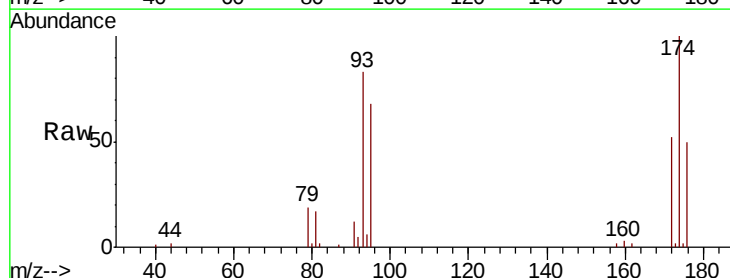
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS02

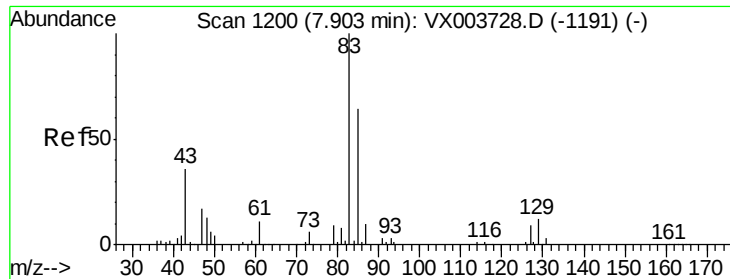
Tot Ion: 63 Resp: 18755
 Ion Ratio Lower Upper
 63 100
 65 30.2 23.7 35.5



#46
 Dibromomethane
 Concen: 16.43 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003768.D
 Acq: 01 Aug 2018 00:33

Tgt Ion: 93 Resp: 9256
 Ion Ratio Lower Upper
 93 100
 95 85.0 68.1 102.1
 174 122.6 96.2 144.4





#47

Bromodichloromethane

Concen: 17.49 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003768.D

Acq: 01 Aug 2018 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS02

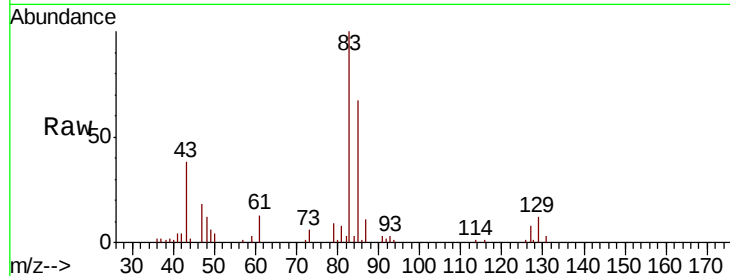
Tot Ion: 83 Resp: 19639

Ion Ratio Lower Upper

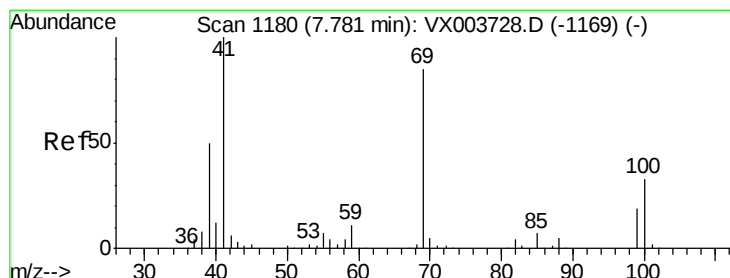
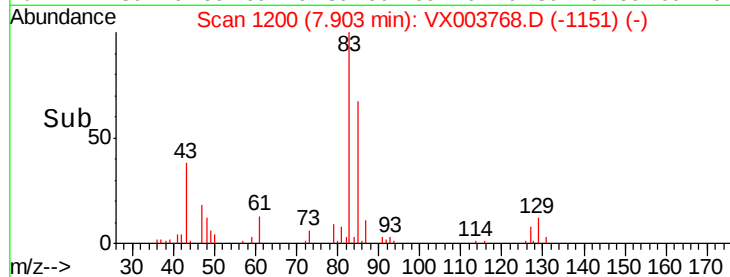
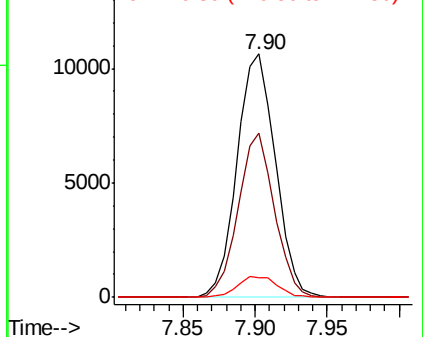
83 100

85 67.5 51.1 76.7

127 8.1 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: 17.70 ug/l

RT: 7.77 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VX003768.D

Acq: 01 Aug 2018 00:33

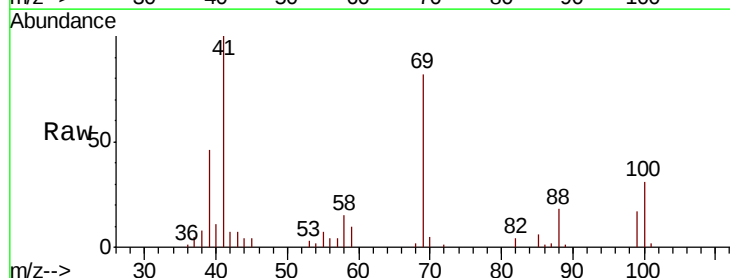
Tgt Ion: 41 Resp: 15075

Ion Ratio Lower Upper

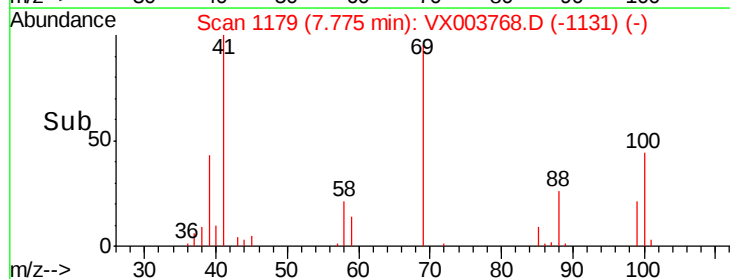
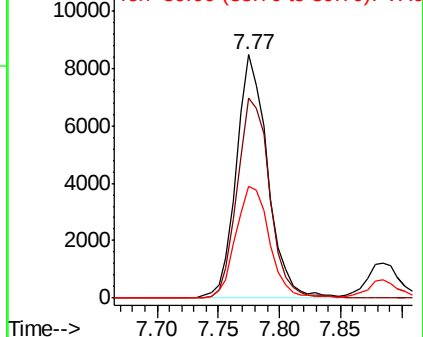
41 100

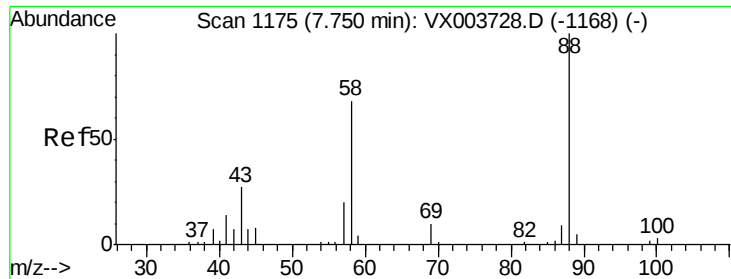
69 85.2 68.7 103.1

39 49.3 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

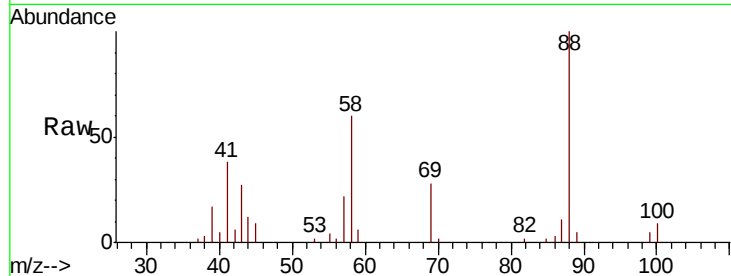




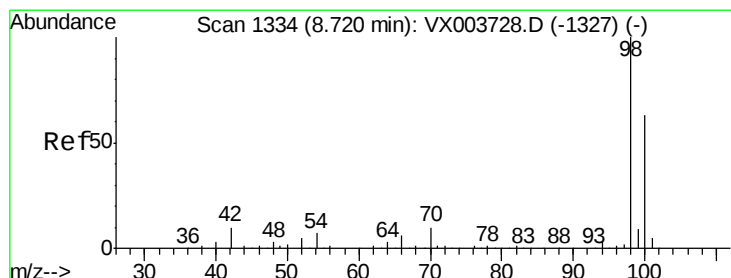
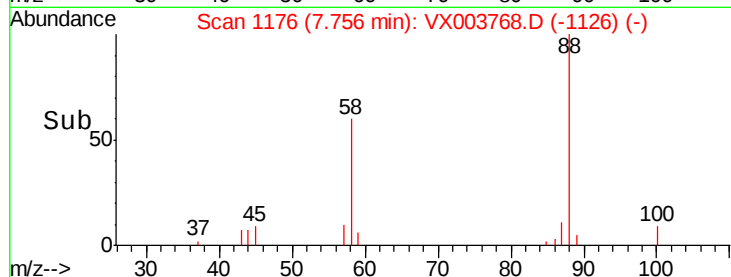
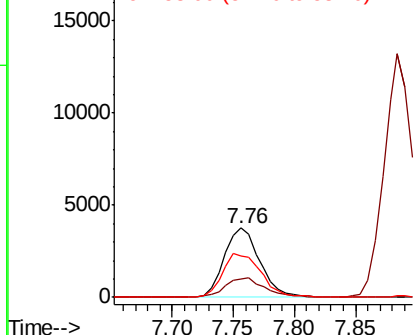
#49
1,4-Dioxane
Concen: 440.32 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.01 min
Lab File: VX003768.D
Acq: 01 Aug 2018 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

Tot Ion: 88 Resp: 7568
Ion Ratio Lower Upper
88 100
43 31.1 26.0 39.0
58 68.9 57.1 85.7

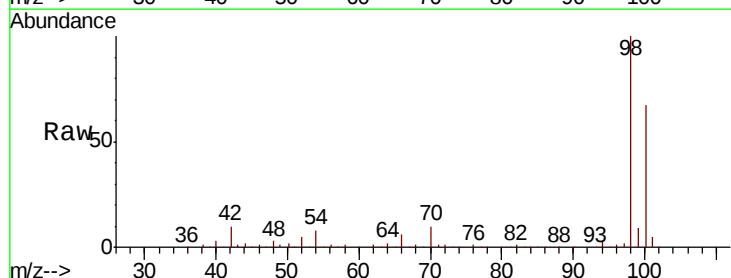


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

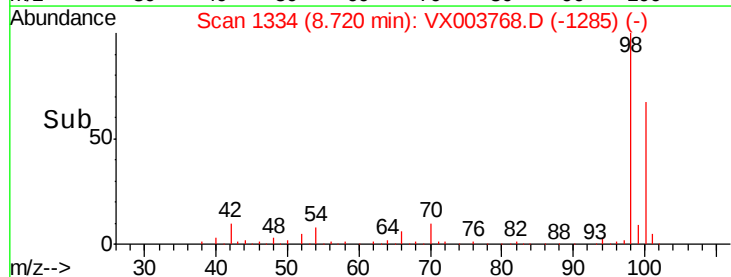
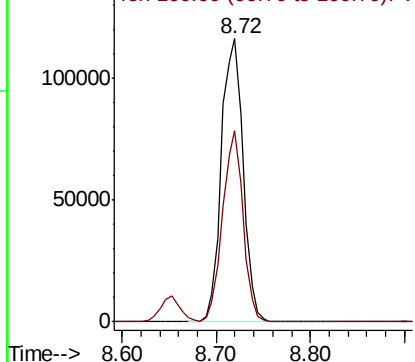


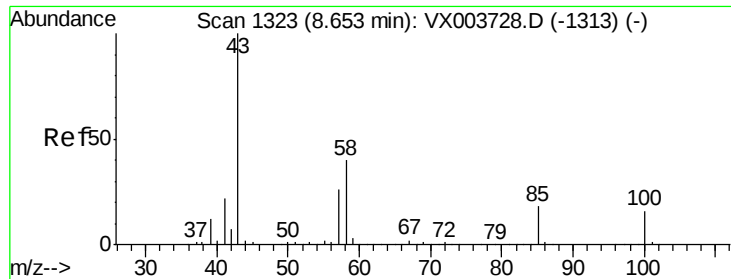
#50
Toluene-d8
Concen: 51.18 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003768.D
Acq: 01 Aug 2018 00:33

Tgt Ion: 98 Resp: 186121
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0



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





#51

4-Methyl-2-Pentanone

Concen: 90.44 ug/l

RT: 8.65 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX003768.D

Acq: 01 Aug 2018 00:33

Instrument :

MSVOA_X

ClientSampleId :

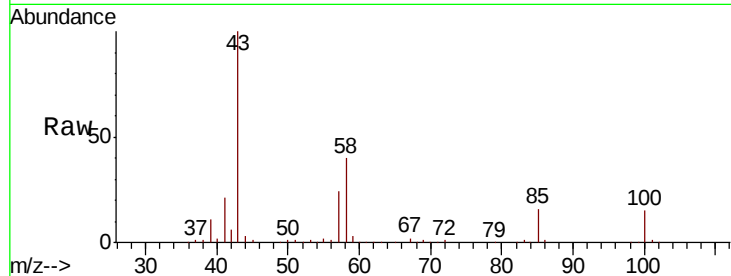
VX0731SBS02

Tot Ion: 43 Resp: 94361

Ion Ratio Lower Upper

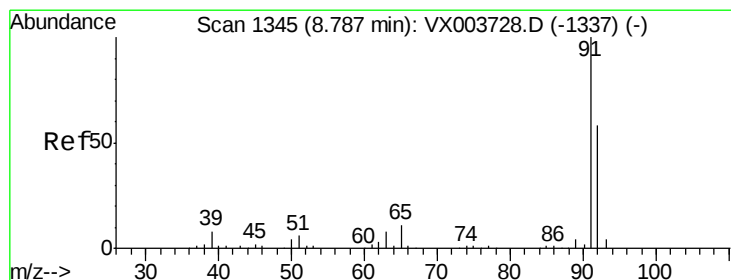
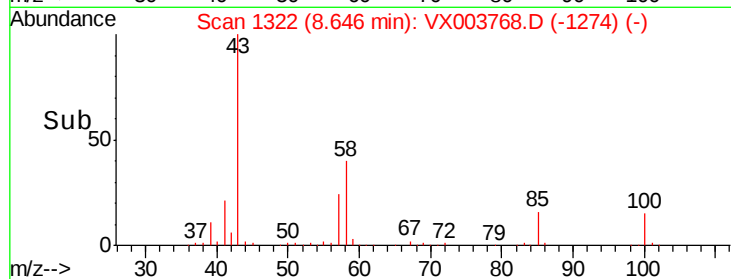
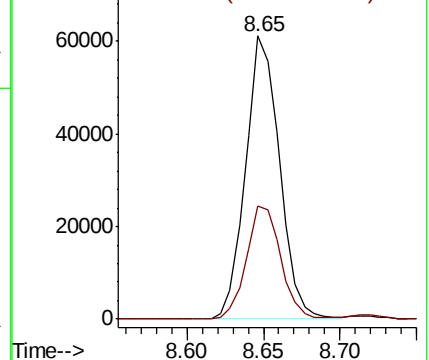
43 100

58 40.3 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: 19.08 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003768.D

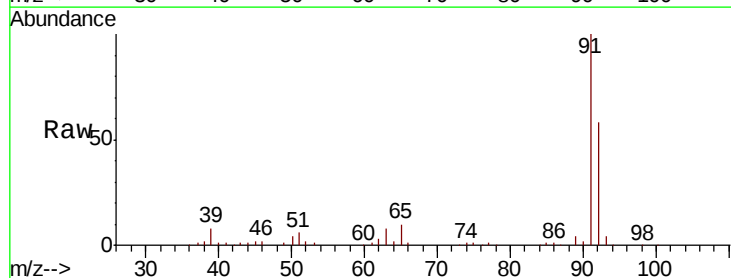
Acq: 01 Aug 2018 00:33

Tgt Ion: 92 Resp: 47311

Ion Ratio Lower Upper

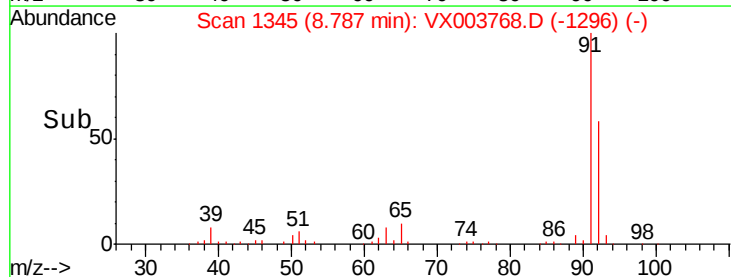
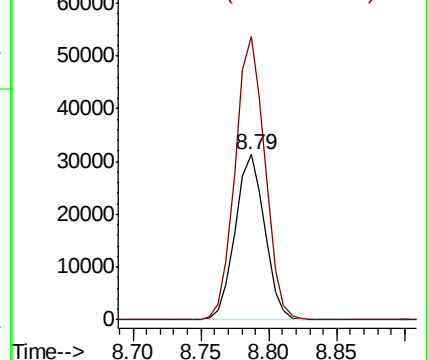
92 100

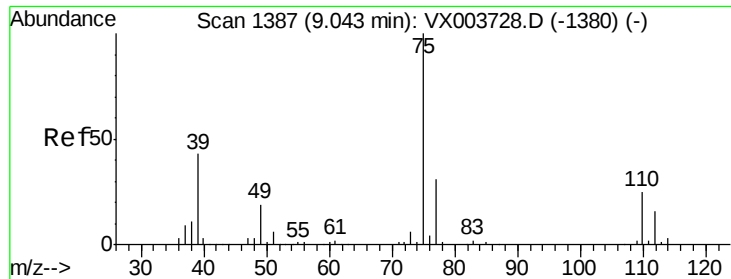
91 173.2 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

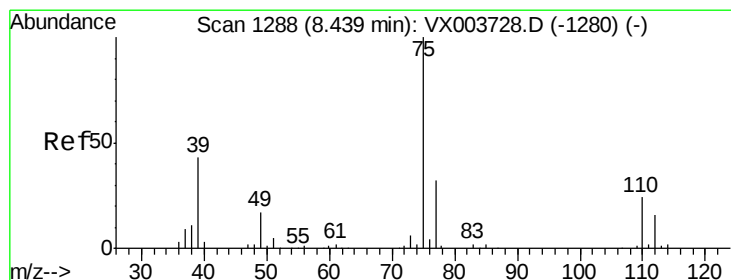
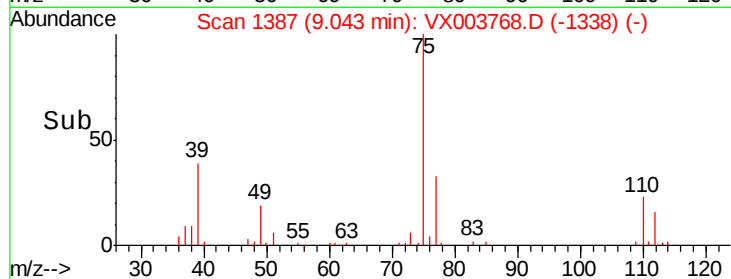
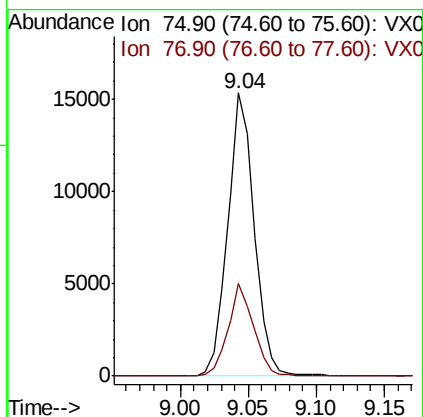
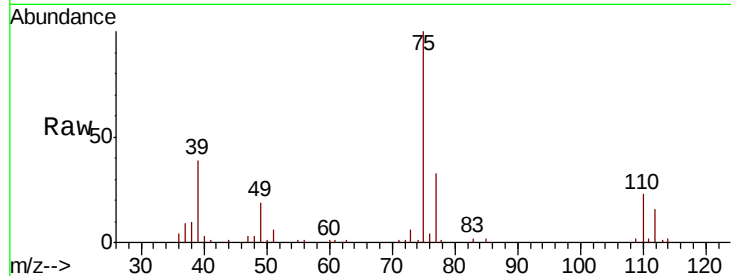




#53
 t-1,3-Dichloropropene
 Concen: 16.18 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX003768.D
 Acq: 01 Aug 2018 00:33

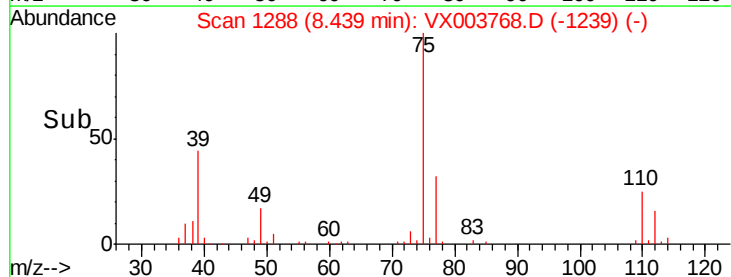
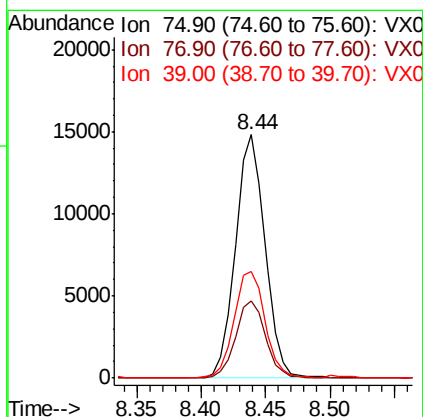
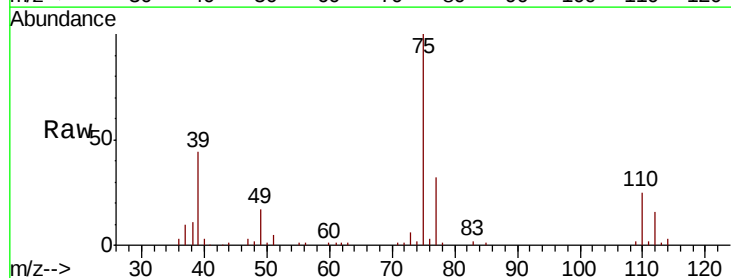
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS02

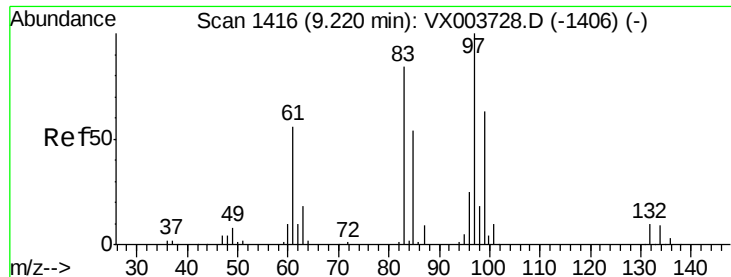
Tot Ion: 75 Resp: 20739
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 16.50 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX003768.D
 Acq: 01 Aug 2018 00:33

Tgt Ion: 75 Resp: 23580
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9
 39 43.3 34.1 51.1

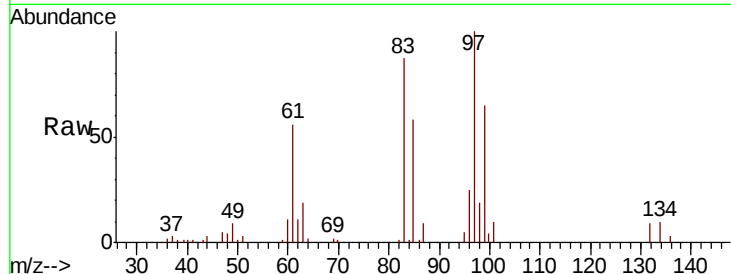




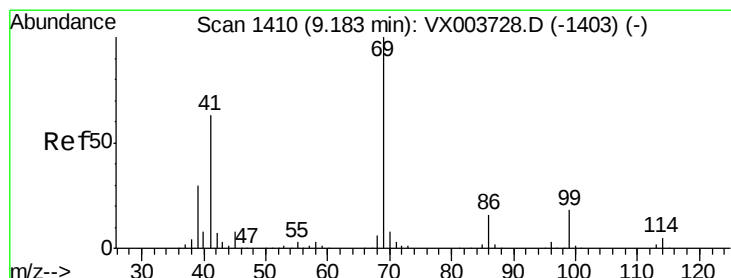
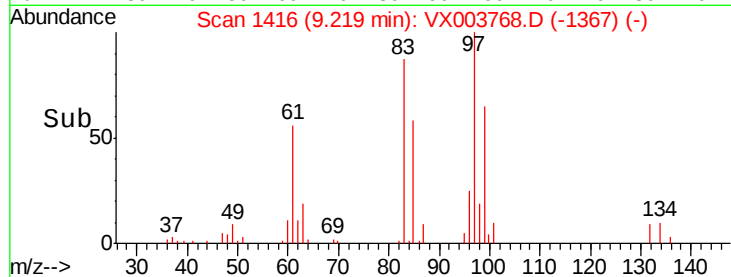
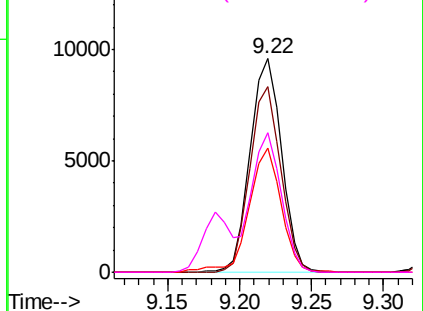
#55
 1,1,2-Trichloroethane
 Concen: 16.95 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003768.D
 Acq: 01 Aug 2018 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS02

Tot Ion: 97 Resp: 14464
 Ion Ratio Lower Upper
 97 100
 83 86.9 67.4 101.0
 85 58.3 43.3 64.9
 99 65.2 50.8 76.2

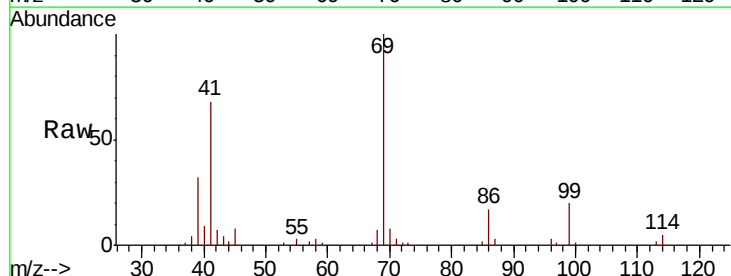


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

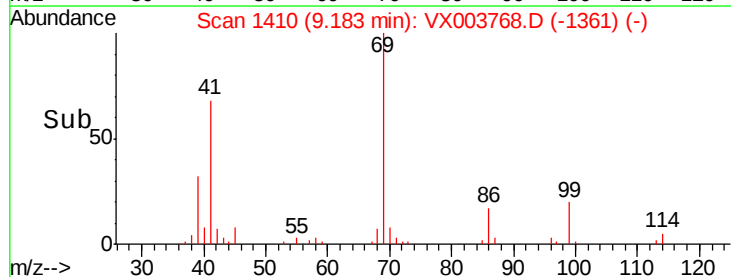
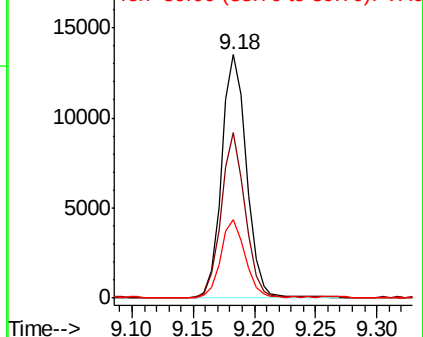


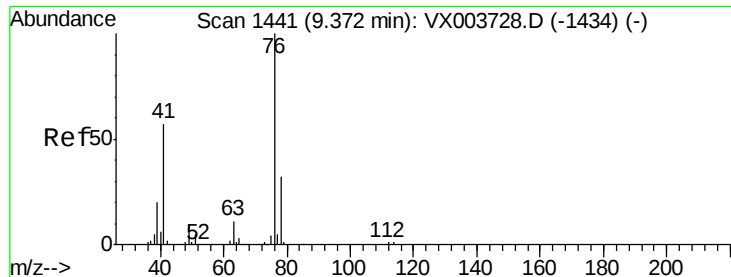
#56
 Ethyl methacrylate
 Concen: 16.33 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003768.D
 Acq: 01 Aug 2018 00:33

Tgt Ion: 69 Resp: 19142
 Ion Ratio Lower Upper
 69 100
 41 65.9 51.6 77.4
 39 31.7 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: 17.86 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.01 min

Lab File: VX003768.D

Acq: 01 Aug 2018 00:33

Instrument :

MSVOA_X

ClientSampleId :

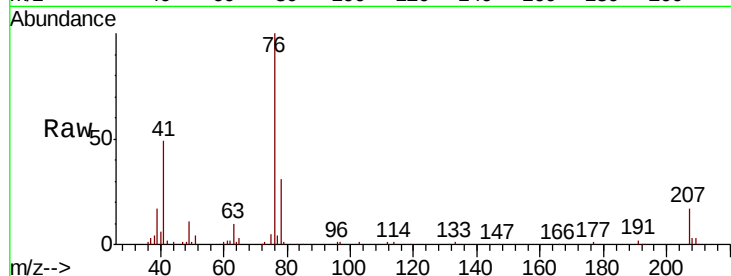
VX0731SBS02

Tot Ion: 76 Resp: 25590

Ion Ratio Lower Upper

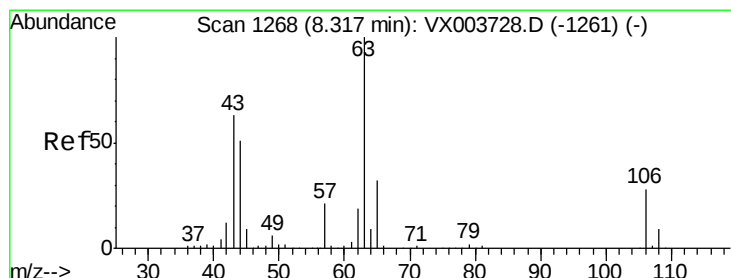
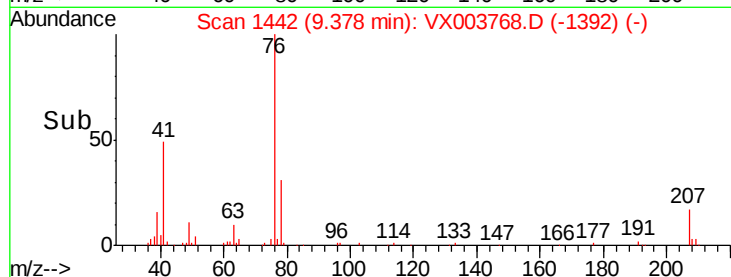
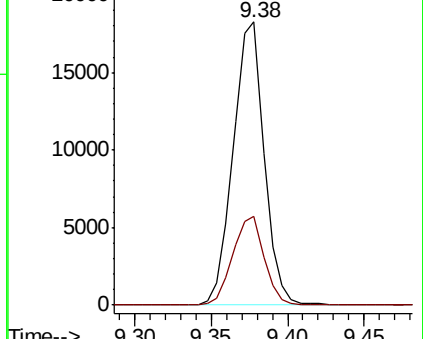
76 100

78 31.5 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: 83.25 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003768.D

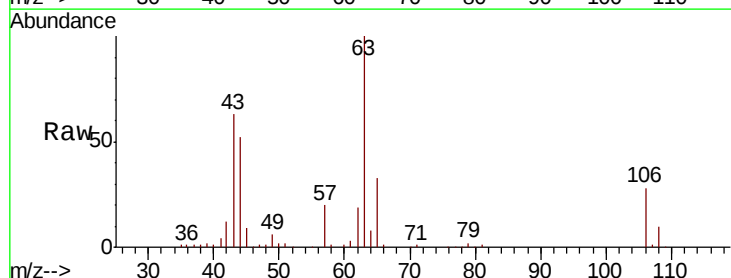
Acq: 01 Aug 2018 00:33

Tgt Ion: 63 Resp: 44875

Ion Ratio Lower Upper

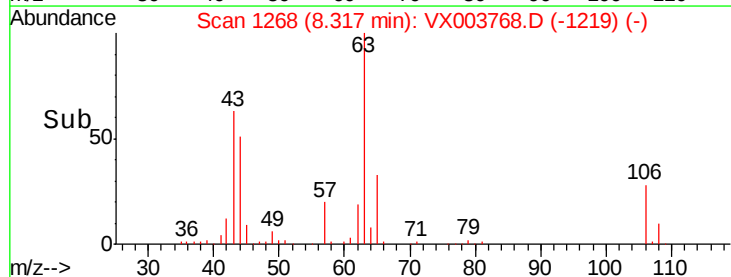
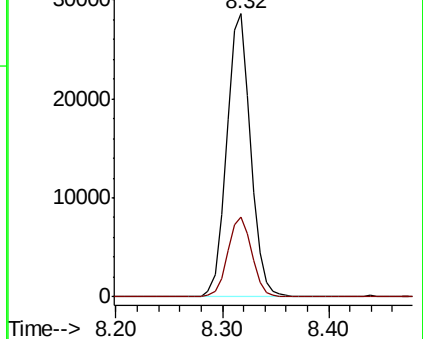
63 100

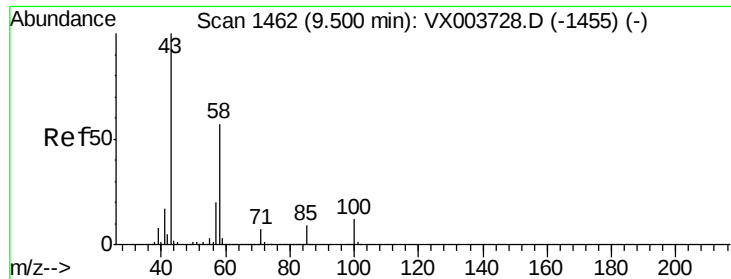
106 28.4 22.5 33.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

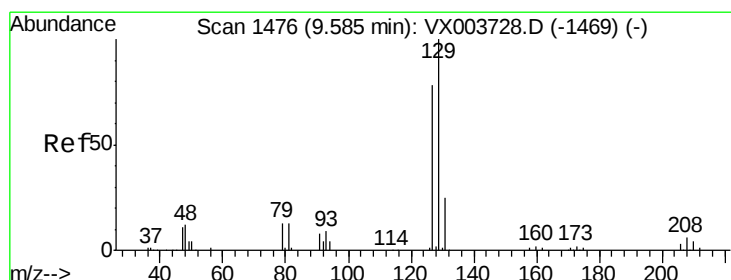
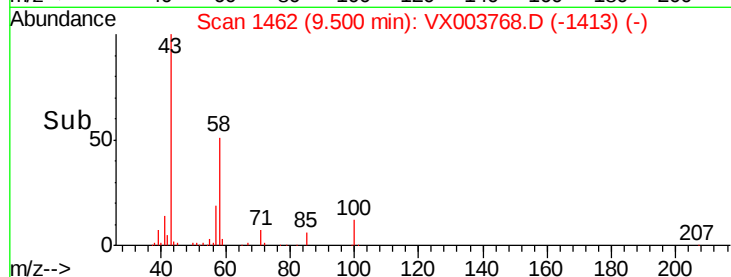
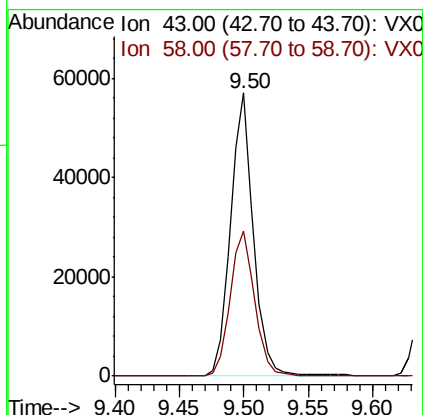
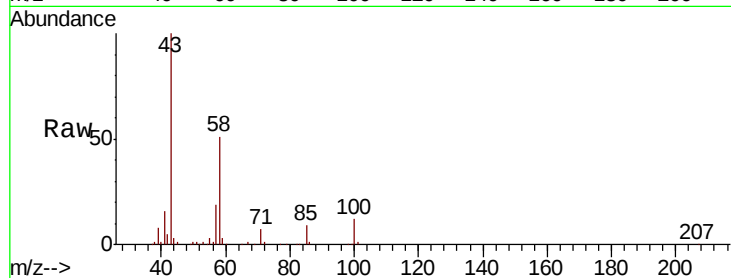




#59
2-Hexanone
Concen: 89.58 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003768.D
Acq: 01 Aug 2018 00:33

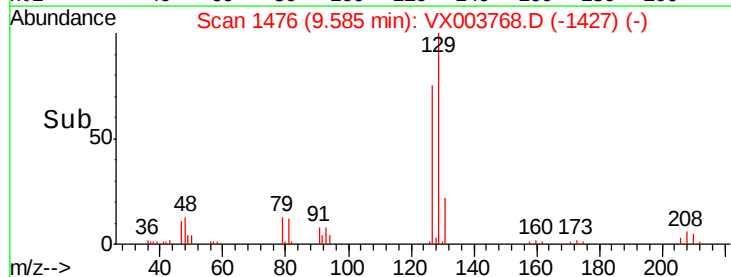
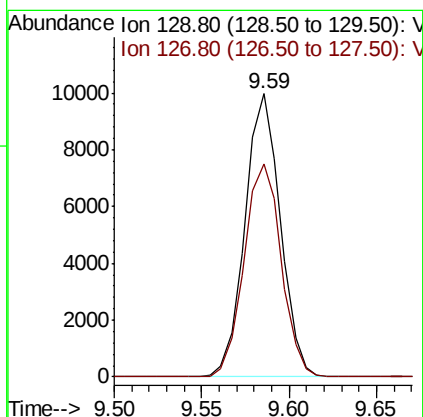
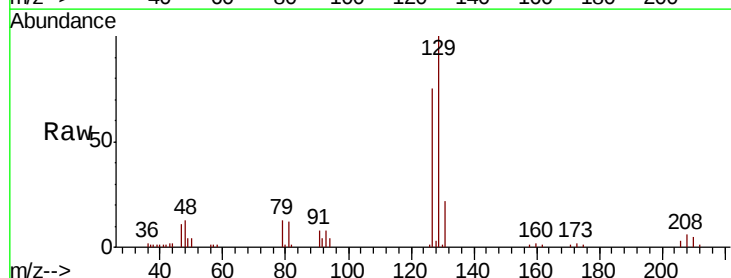
Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

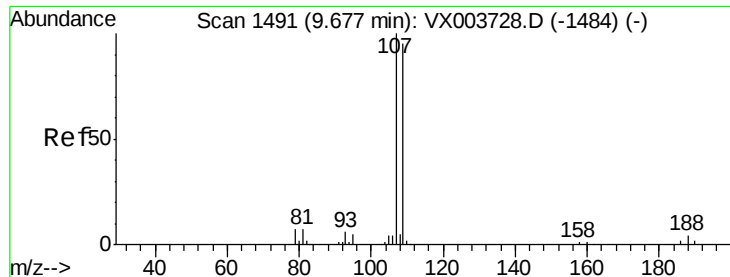
Tot Ion: 43 Resp: 71205
Ion Ratio Lower Upper
43 100
58 55.1 28.0 83.9



#60
Dibromochloromethane
Concen: 16.31 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003768.D
Acq: 01 Aug 2018 00:33

Tgt Ion:129 Resp: 14018
Ion Ratio Lower Upper
129 100
127 78.7 38.8 116.4





#61

1,2-Dibromoethane

Concen: 17.28 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003768.D

Acq: 01 Aug 2018 00:33

Instrument :

MSVOA_X

ClientSampleId :

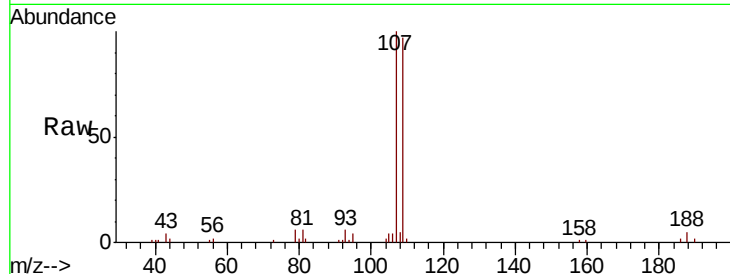
VX0731SBS02

Tot Ion:107 Resp: 15054

Ion Ratio Lower Upper

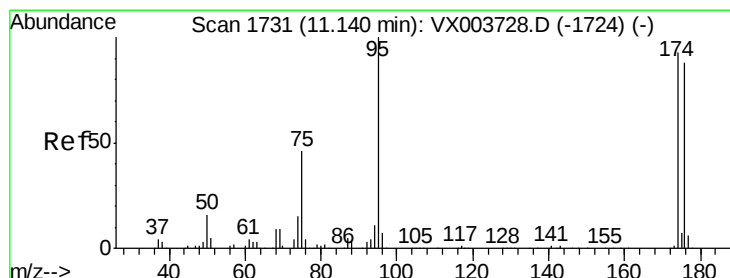
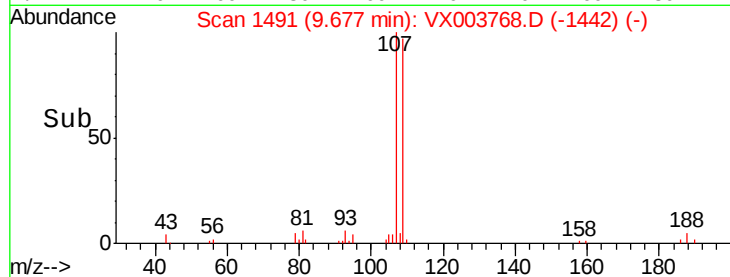
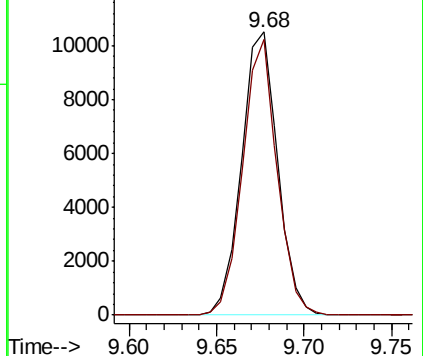
107 100

109 92.7 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: 44.98 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003768.D

Acq: 01 Aug 2018 00:33

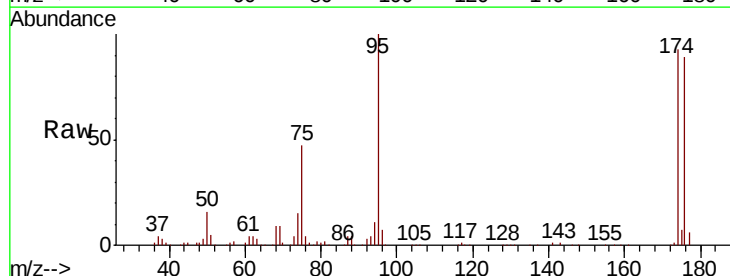
Tgt Ion: 95 Resp: 60302

Ion Ratio Lower Upper

95 100

174 92.3 0.0 186.2

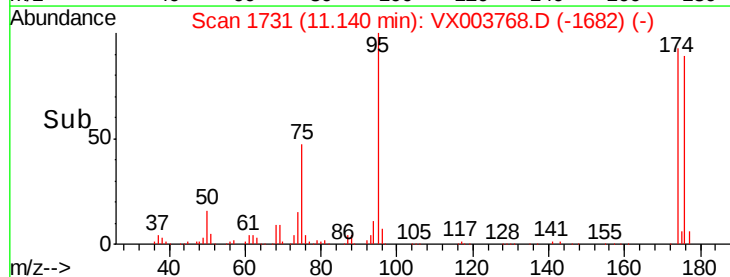
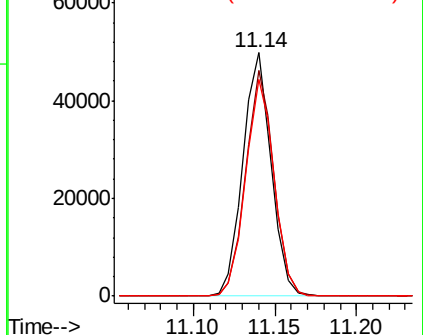
176 90.0 0.0 179.2

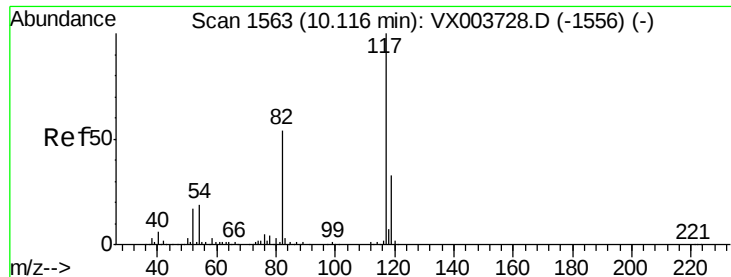


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

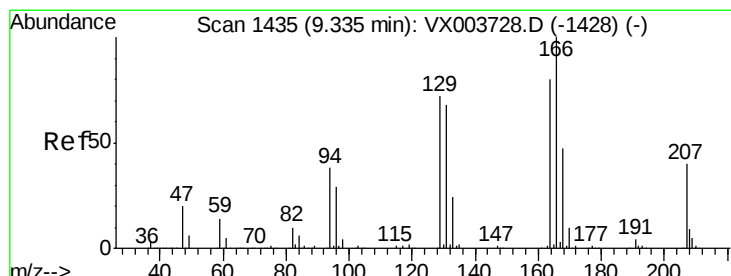
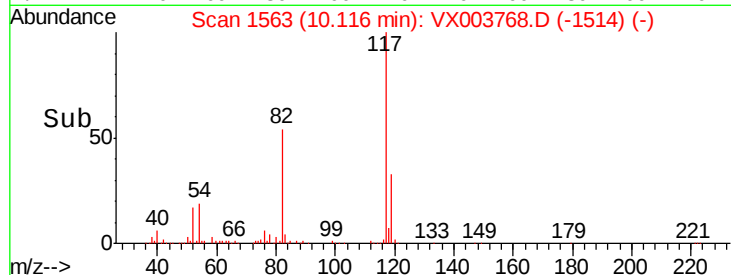
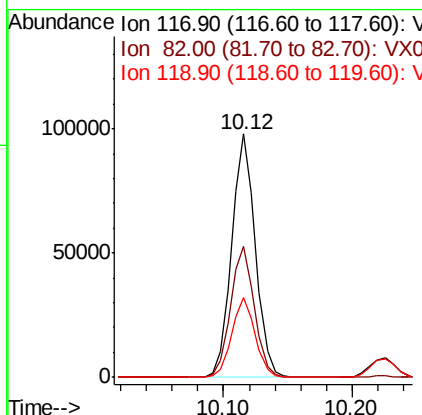
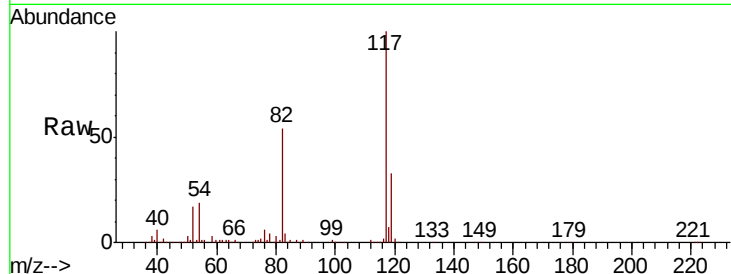




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003768.D
Acq: 01 Aug 2018 00:33

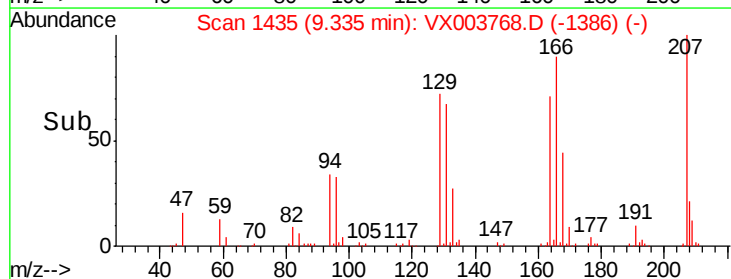
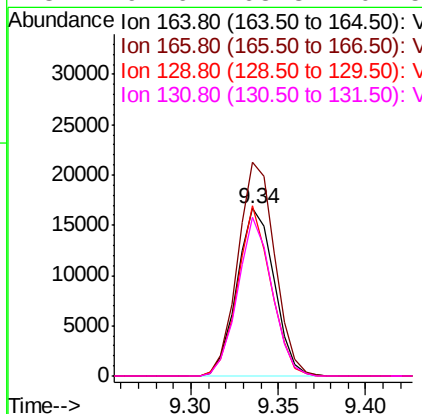
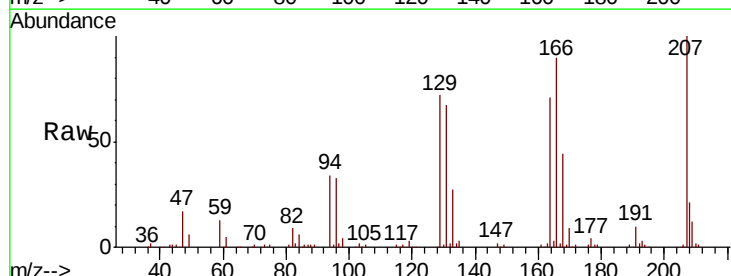
Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

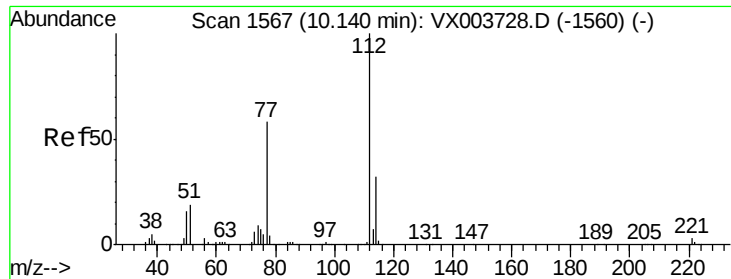
Tot Ion:117 Resp: 125719
Ion Ratio Lower Upper
117 100
82 53.7 43.2 64.8
119 32.7 26.3 39.5



#64
Tetrachloroethene
Concen: 24.93 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX003768.D
Acq: 01 Aug 2018 00:33

Tgt Ion:164 Resp: 24634
Ion Ratio Lower Upper
164 100
166 127.8 100.4 150.6
129 101.6 71.8 107.8
131 94.6 68.3 102.5

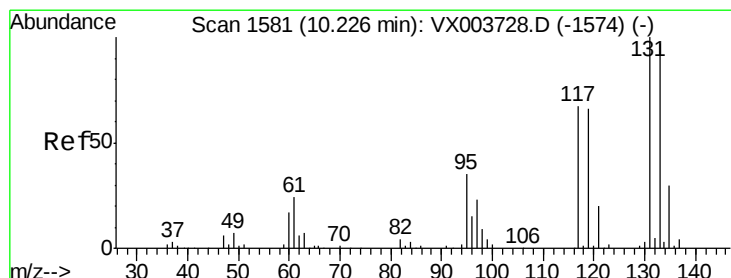
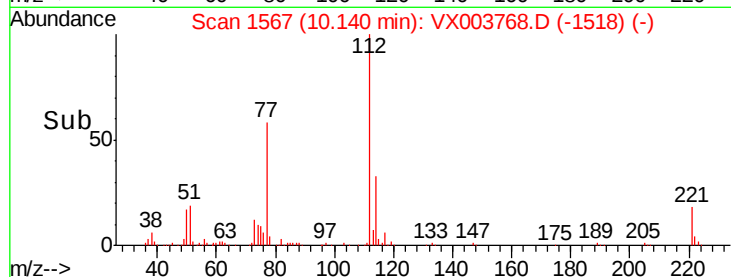
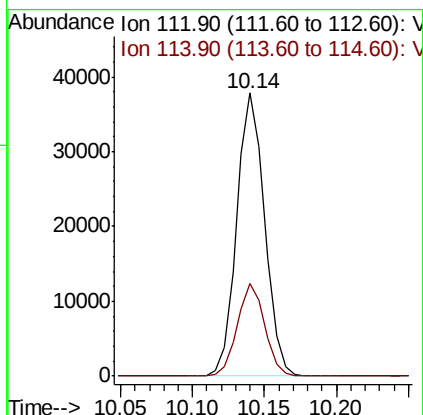
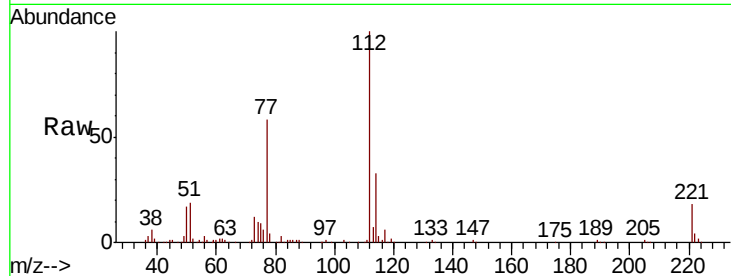




#65
Chlorobenzene
Concen: 19.41 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003768.D
Acq: 01 Aug 2018 00:33

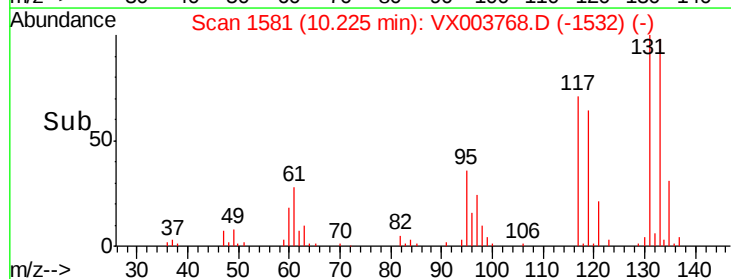
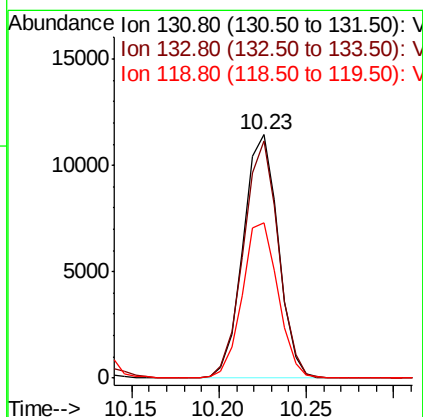
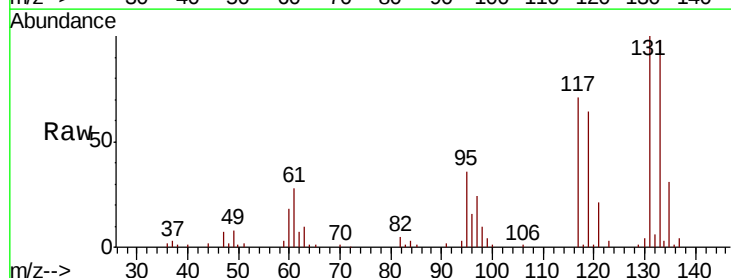
Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

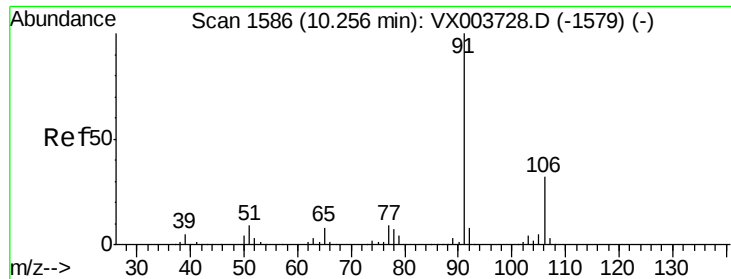
Tot Ion:112 Resp: 51003
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.66 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003768.D
Acq: 01 Aug 2018 00:33

Tgt Ion:131 Resp: 15984
Ion Ratio Lower Upper
131 100
133 97.0 47.6 142.9
119 64.9 32.8 98.3

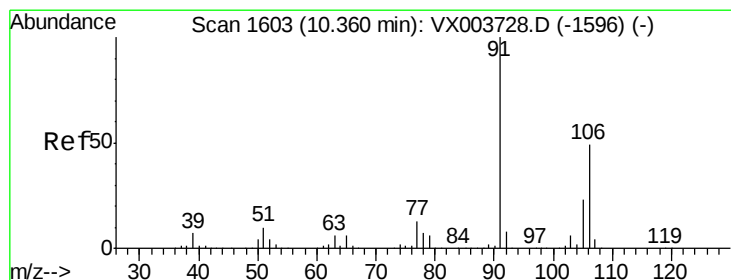
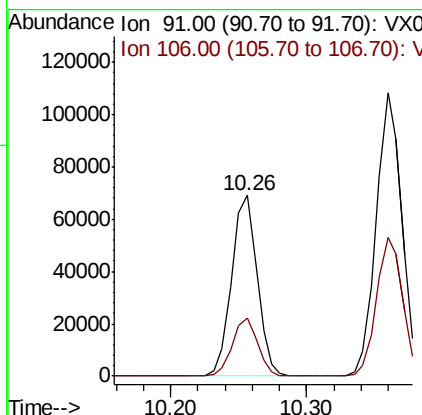
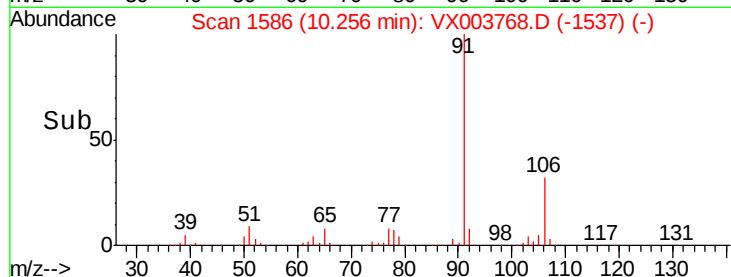
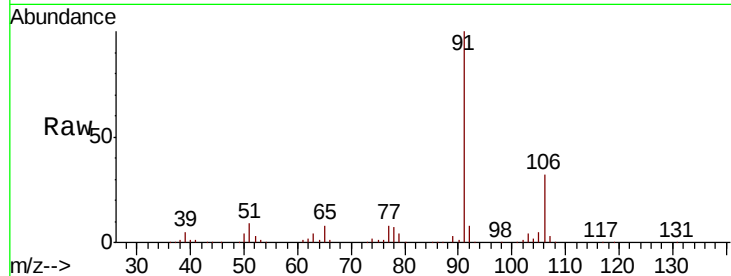




#67
Ethyl Benzene
Concen: 20.39 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003768.D
Acq: 01 Aug 2018 00:33

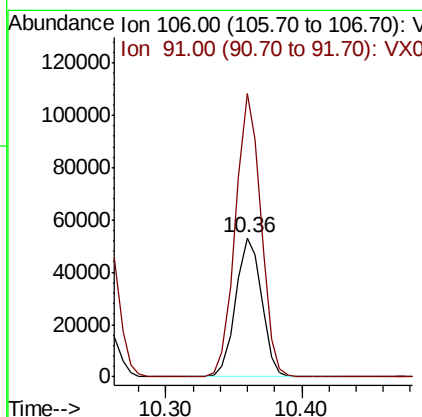
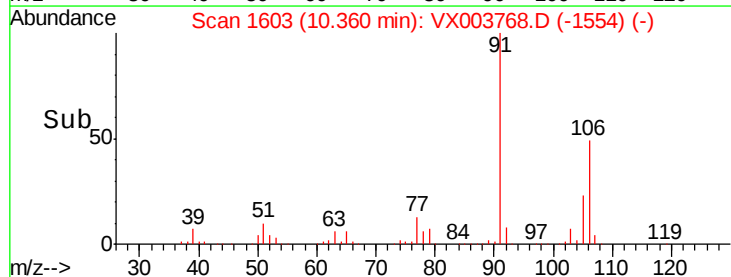
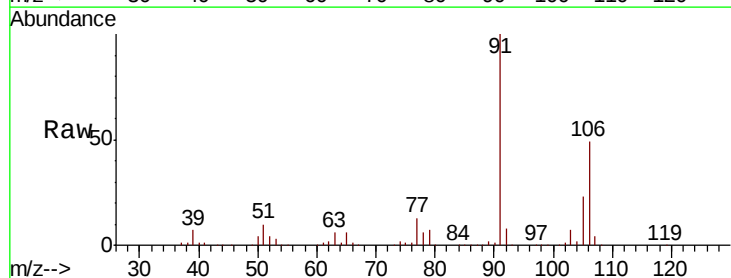
Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

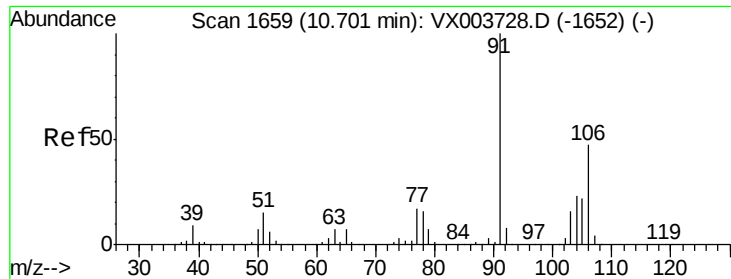
Tot Ion: 91 Resp: 90466
Ion Ratio Lower Upper
91 100
106 32.0 25.4 38.2



#68
m/p-Xylenes
Concen: 40.77 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003768.D
Acq: 01 Aug 2018 00:33

Tgt Ion: 106 Resp: 70747
Ion Ratio Lower Upper
106 100
91 200.6 159.8 239.8

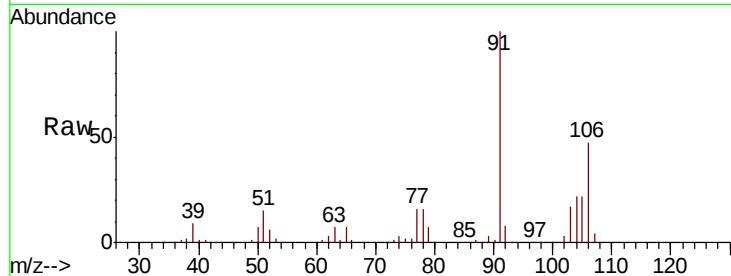




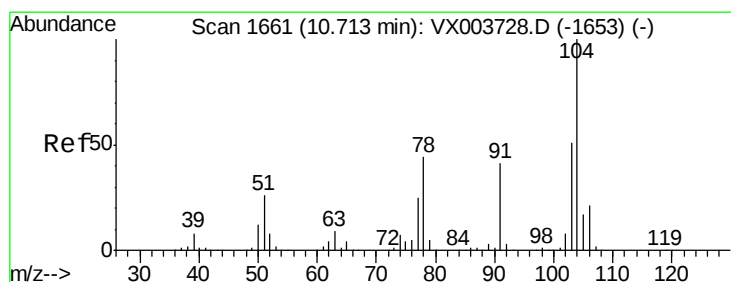
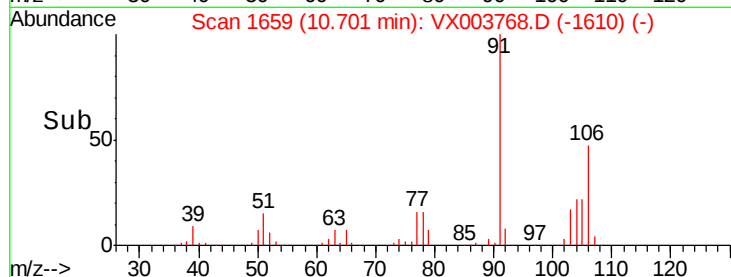
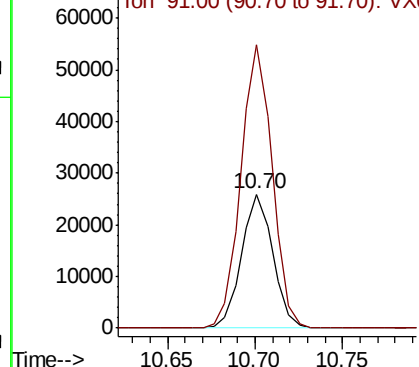
#69
o-Xylene
Concen: 19.95 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003768.D
Acq: 01 Aug 2018 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

Tot Ion:106 Resp: 32143
Ion Ratio Lower Upper
106 100
91 212.6 105.6 316.8

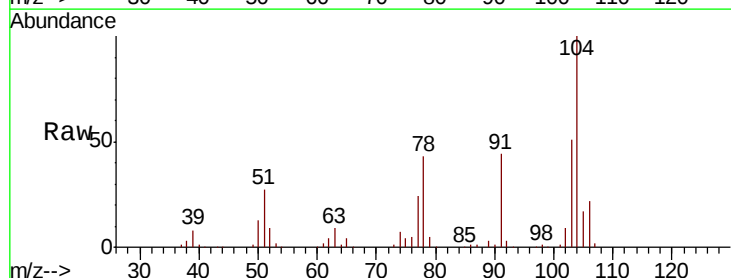


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

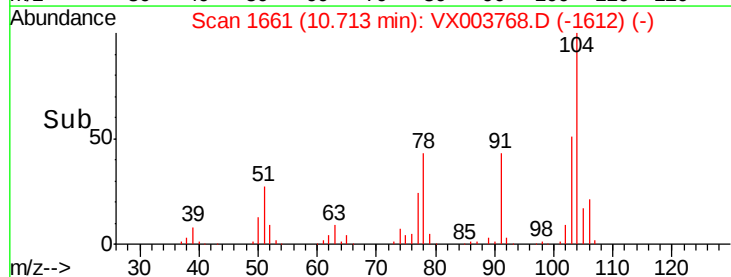
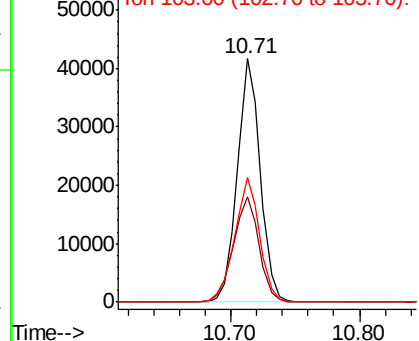


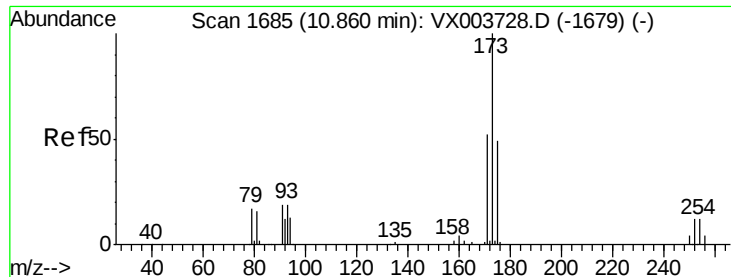
#70
Styrene
Concen: 19.23 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003768.D
Acq: 01 Aug 2018 00:33

Tgt Ion:104 Resp: 52120
Ion Ratio Lower Upper
104 100
78 48.5 38.2 57.2
103 55.4 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

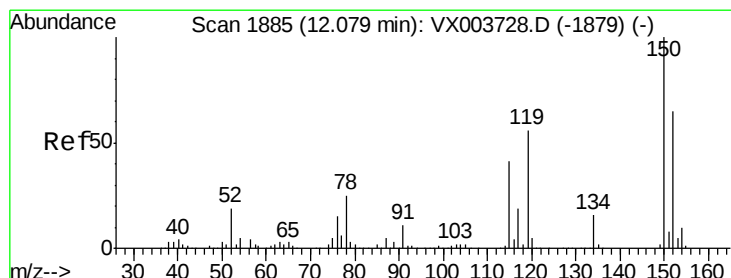
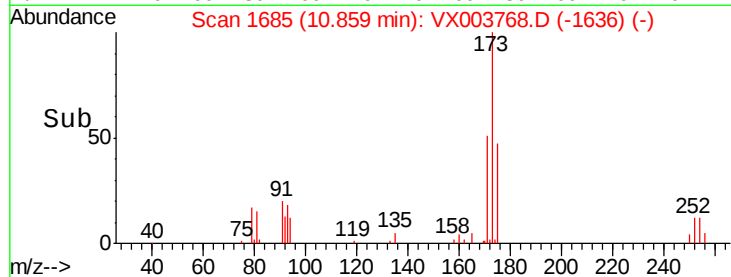
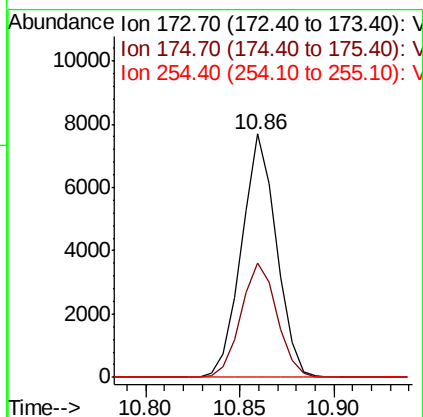
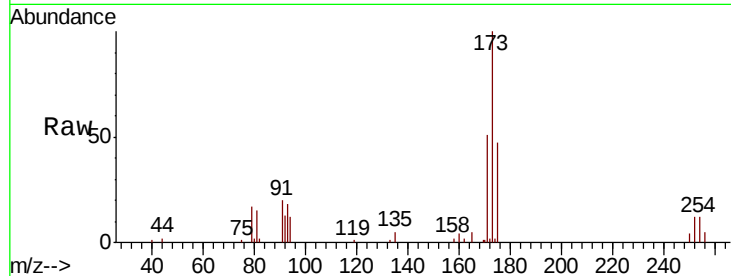




#71
Bromoform
Concen: 16.73 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX003768.D
Acq: 01 Aug 2018 00:33

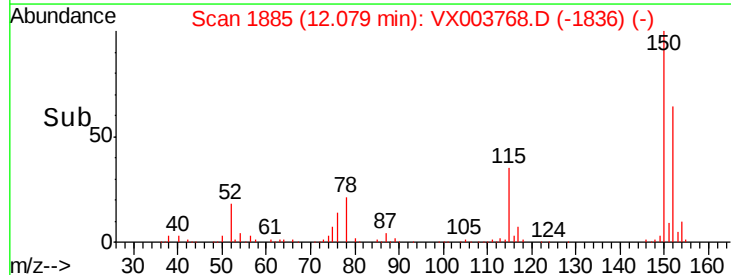
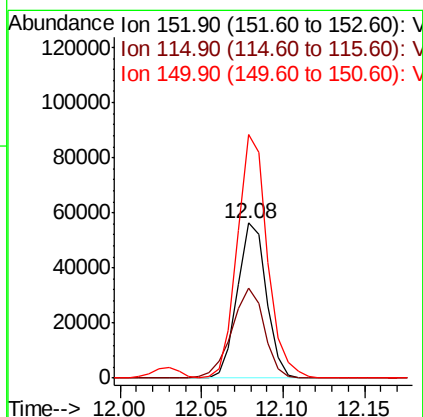
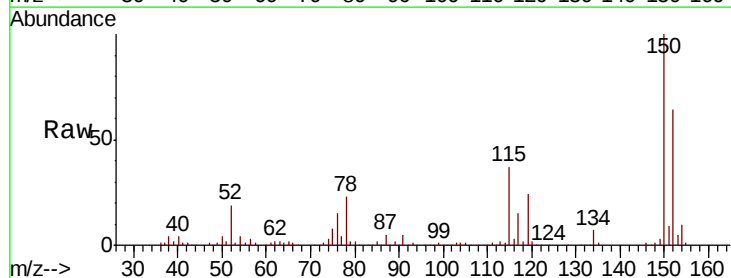
Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

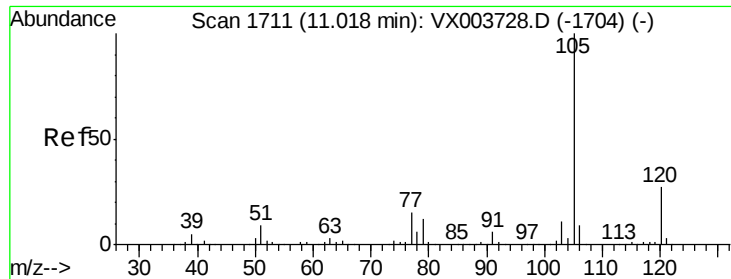
Tot Ion:173 Resp: 9853
Ion Ratio Lower Upper
173 100
175 48.4 24.9 74.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX003768.D
Acq: 01 Aug 2018 00:33

Tgt Ion:152 Resp: 69798
Ion Ratio Lower Upper
152 100
115 64.5 38.5 115.3
150 162.9 0.0 346.2





#73

Isopropylbenzene

Concen: 21.56 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX003768.D

Acq: 01 Aug 2018 00:33

Instrument :

MSVOA_X

ClientSampleId :

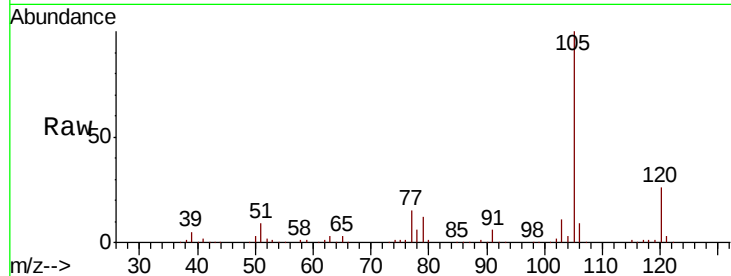
VX0731SBS02

Tot Ion:105 Resp: 94193

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

80000

60000

40000

20000

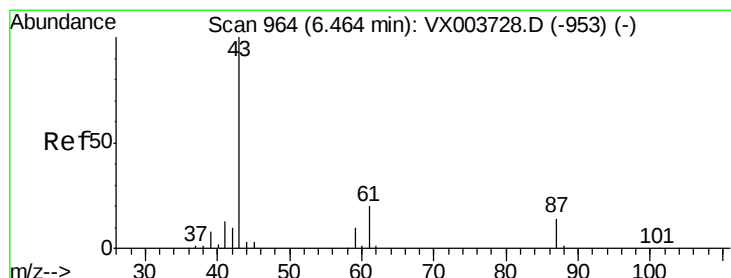
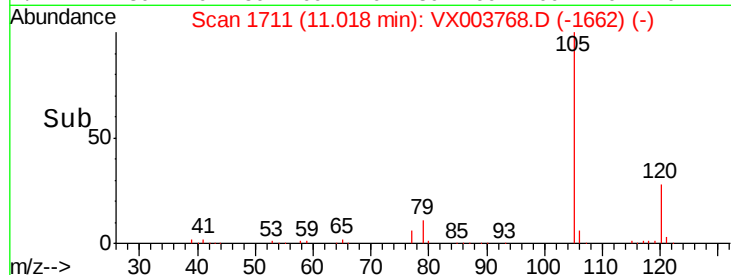
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 19.07 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX003768.D

Acq: 01 Aug 2018 00:33

Tgt Ion: 43 Resp: 29534

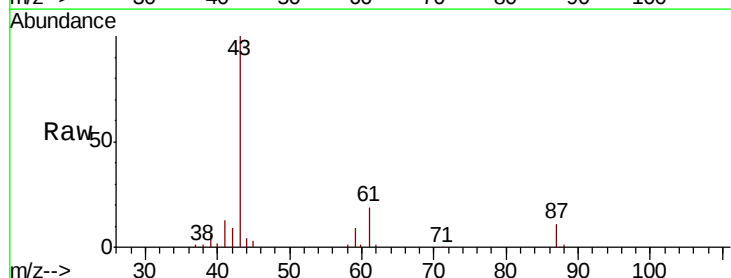
Ion Ratio Lower Upper

43 100

70 0.0 31.0 46.6#

55 0.0 18.9 28.3#

61 20.3 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

15000

10000

5000

0

6.46

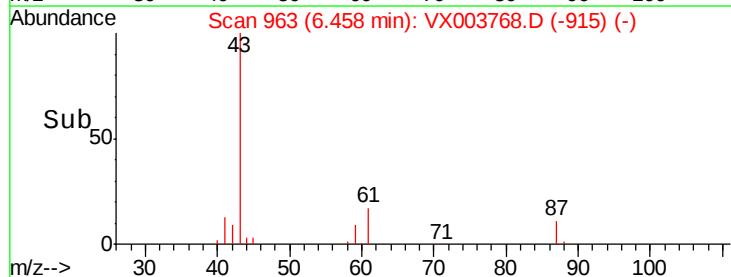
6.30

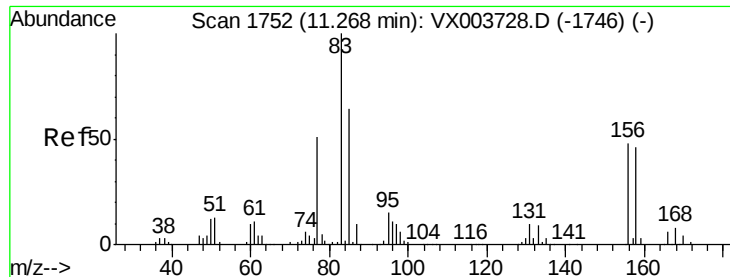
6.40

6.50

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 17.86 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX003768.D

Acq: 01 Aug 2018 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS02

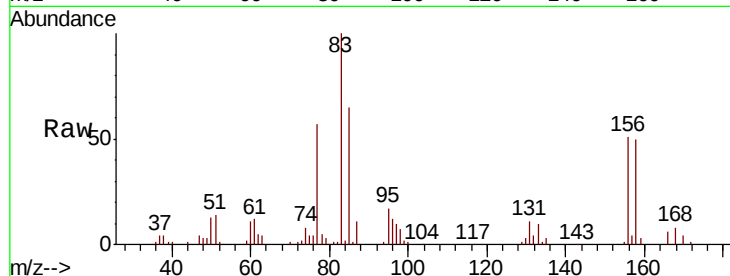
Tot Ion: 83 Resp: 20293

Ion Ratio Lower Upper

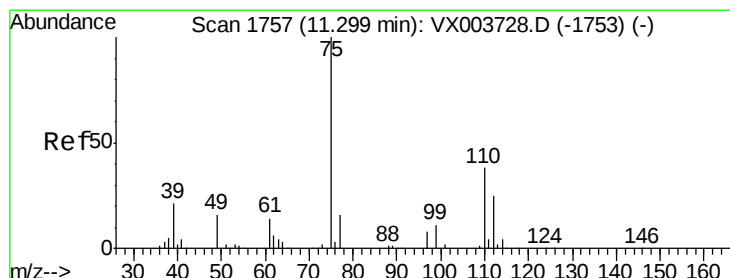
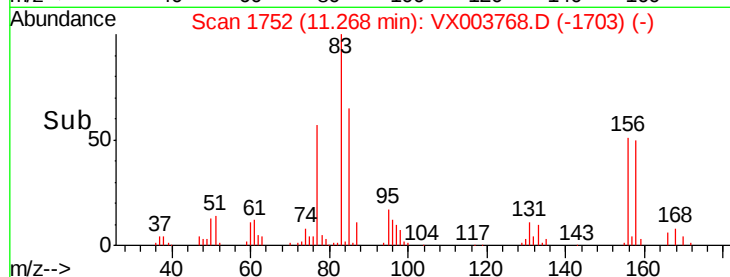
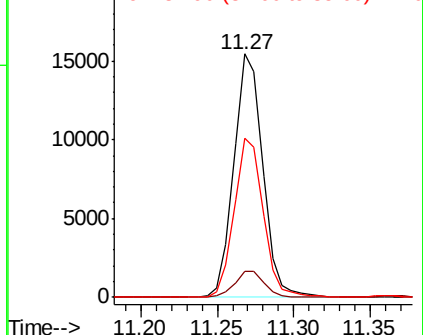
83 100

131 11.0 5.3 15.9

85 65.5 32.0 96.2



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



#76

1,2,3-Trichloropropane

Concen: 23.35 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003768.D

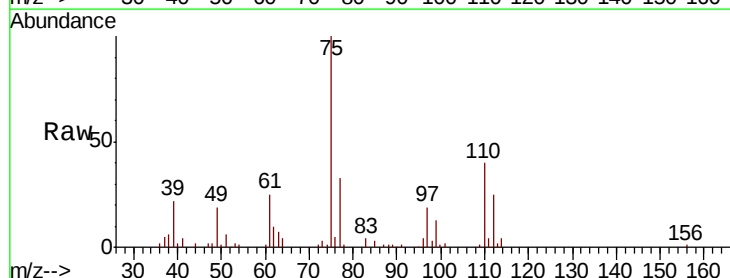
Acq: 01 Aug 2018 00:33

Tgt Ion: 75 Resp: 22461

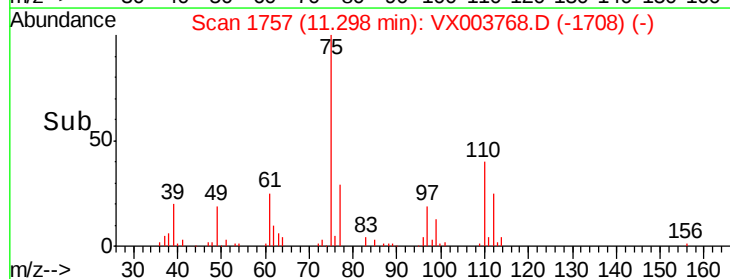
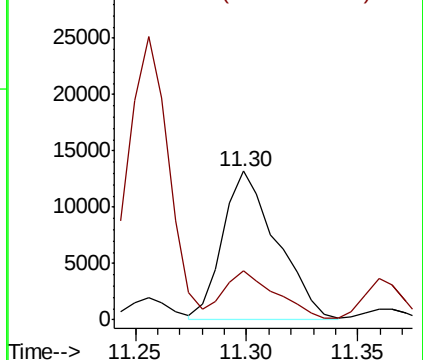
Ion Ratio Lower Upper

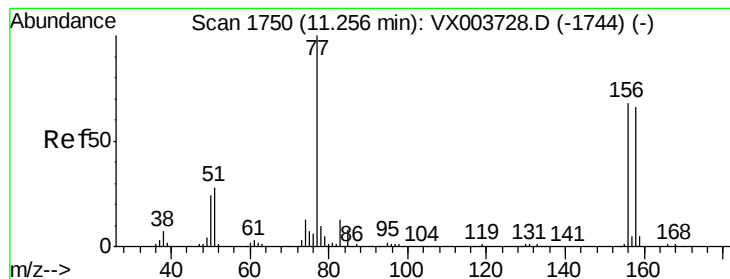
75 100

77 32.4 21.6 65.0



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





#77

Bromobenzene

Concen: 19.62 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX003768.D

Acq: 01 Aug 2018 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS02

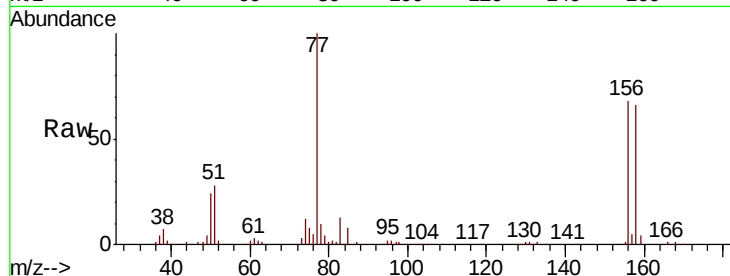
Tot Ion:156 Resp: 22356

Ion Ratio Lower Upper

156 100

77 143.9 71.8 215.3

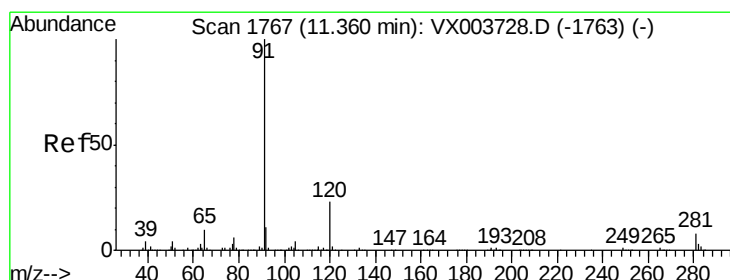
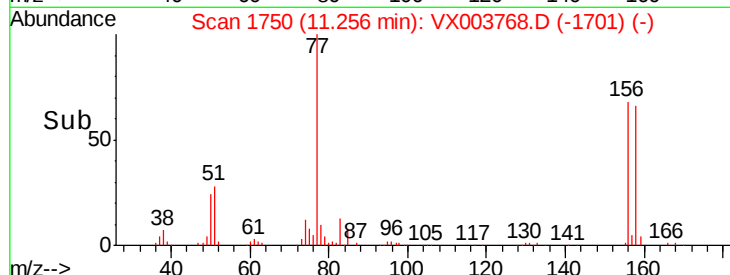
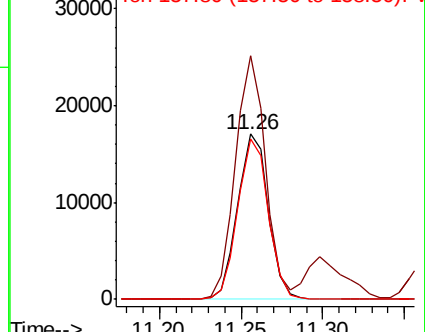
158 96.6 48.8 146.4



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: 21.45 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX003768.D

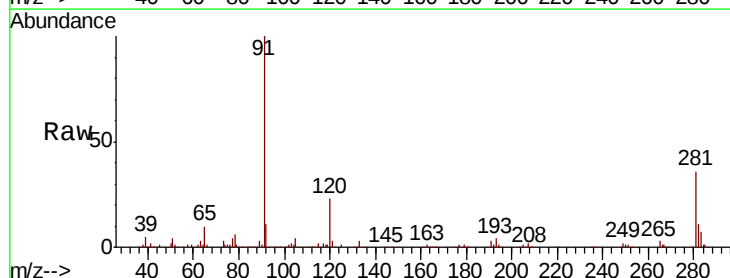
Acq: 01 Aug 2018 00:33

Tgt Ion: 91 Resp: 113572

Ion Ratio Lower Upper

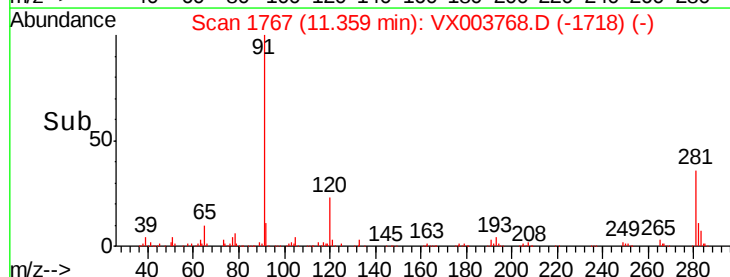
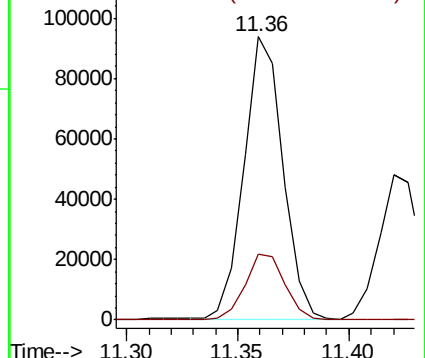
91 100

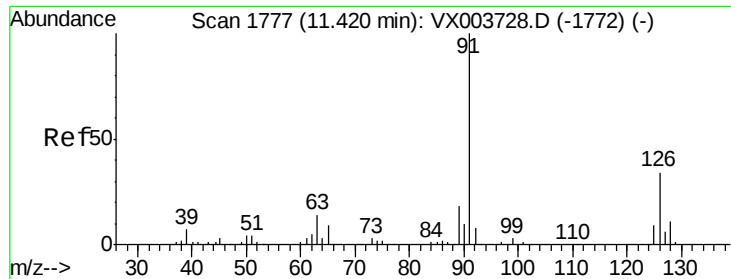
120 24.0 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.39 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.00 min

Lab File: VX003768.D

Acq: 01 Aug 2018 00:33

Instrument :

MSVOA_X

ClientSampleId :

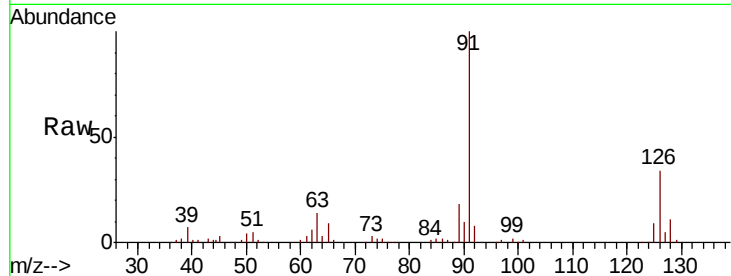
VX0731SBS02

Tot Ion: 91 Resp: 61274

Ion Ratio Lower Upper

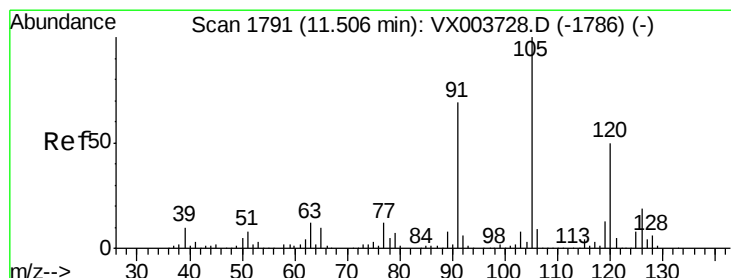
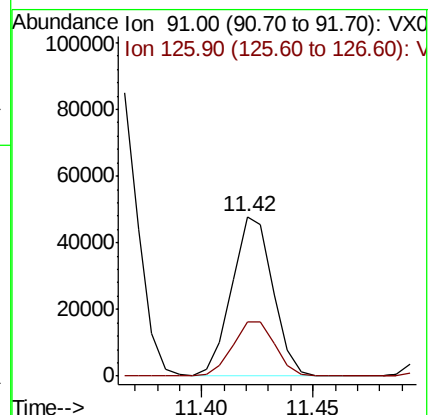
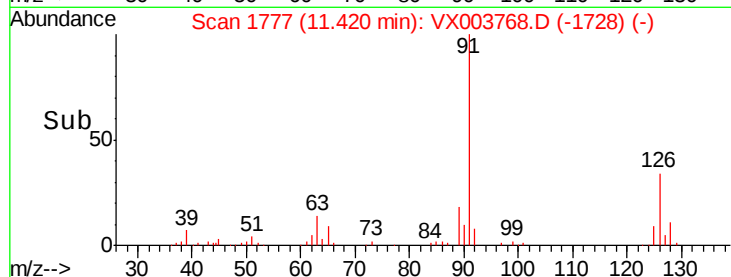
91 100

126 35.5 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.17 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX003768.D

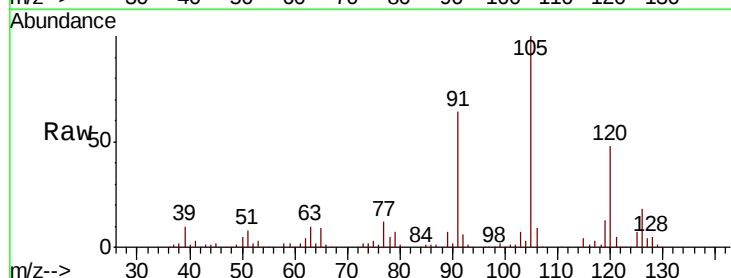
Acq: 01 Aug 2018 00:33

Tgt Ion:105 Resp: 78942

Ion Ratio Lower Upper

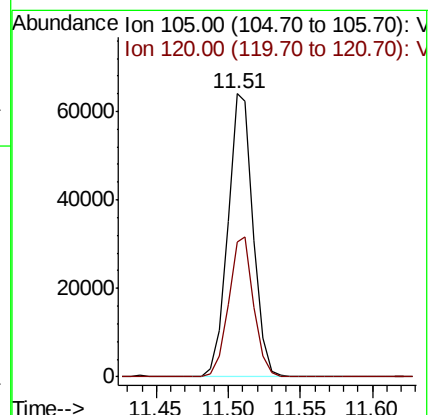
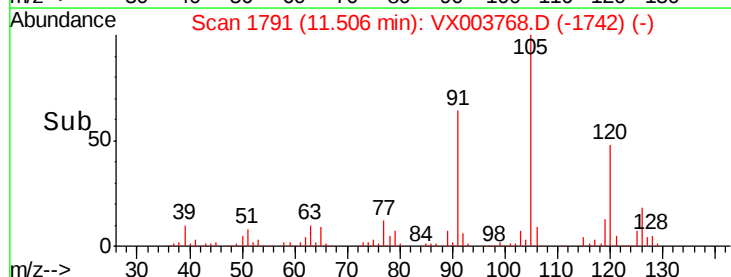
105 100

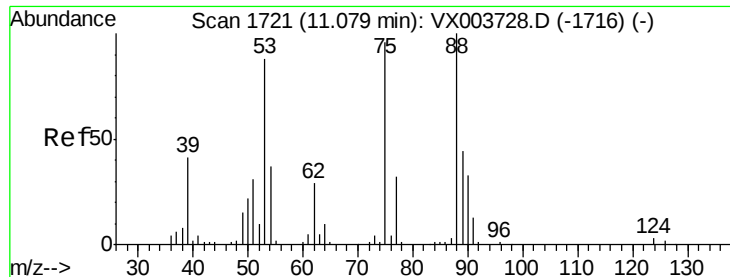
120 49.1 15.8 47.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

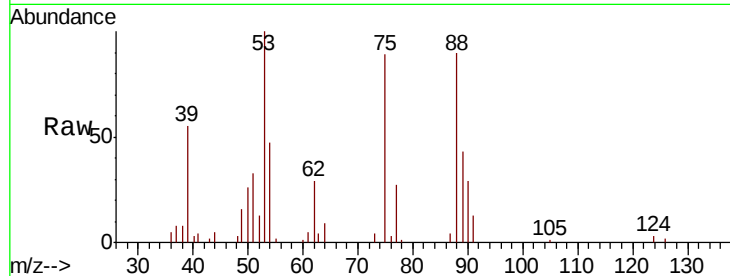




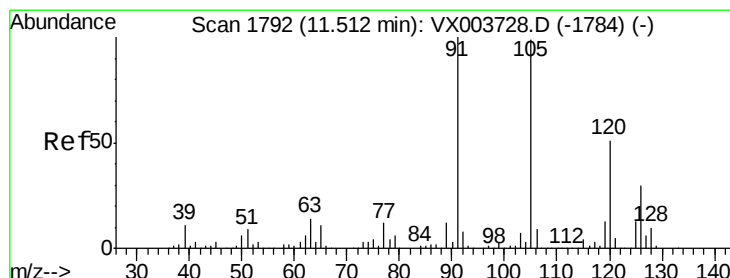
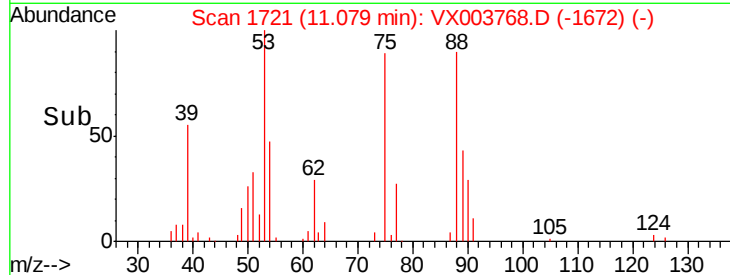
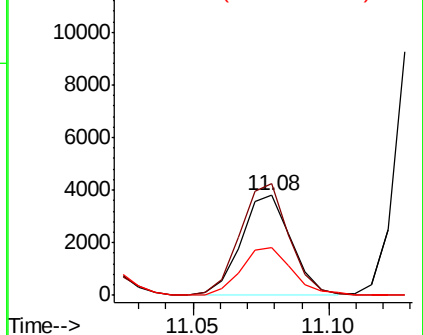
#81
trans-1,4-Dichloro-2-butene
Concen: 14.98 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX003768.D
Acq: 01 Aug 2018 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

Tot Ion: 75 Resp: 4864
Ion Ratio Lower Upper
75 100
53 108.6 75.8 113.8
89 48.9 39.1 58.7

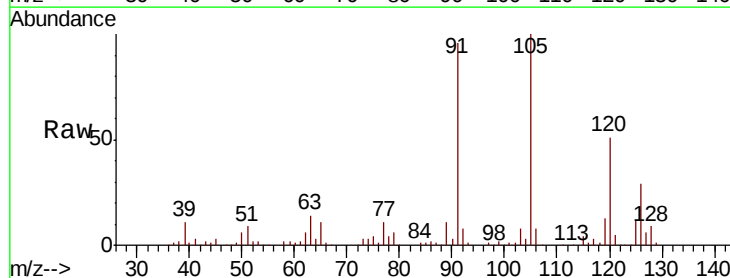


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

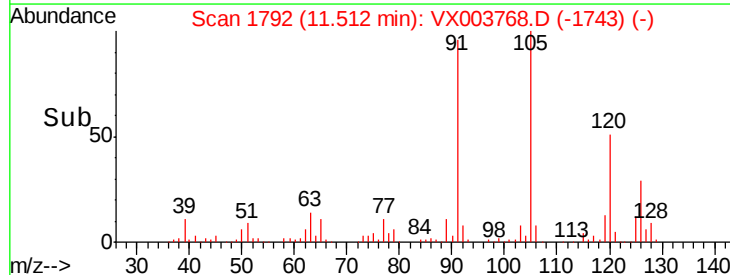
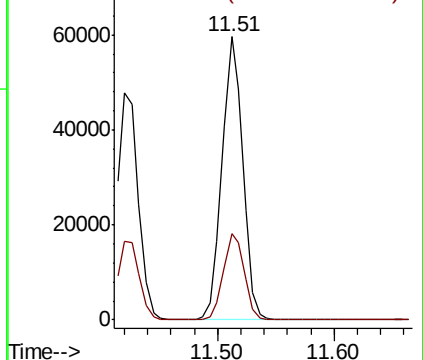


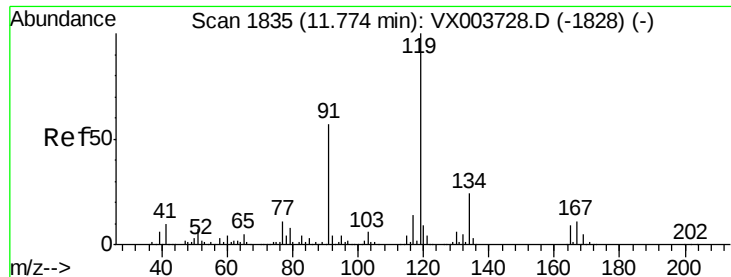
#82
4-Chlorotoluene
Concen: 20.17 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003768.D
Acq: 01 Aug 2018 00:33

Tgt Ion: 91 Resp: 73538
Ion Ratio Lower Upper
91 100
126 30.6 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

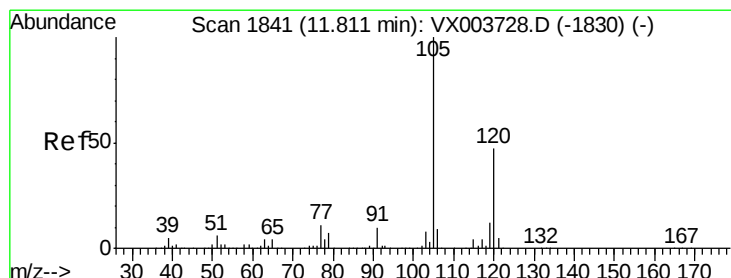
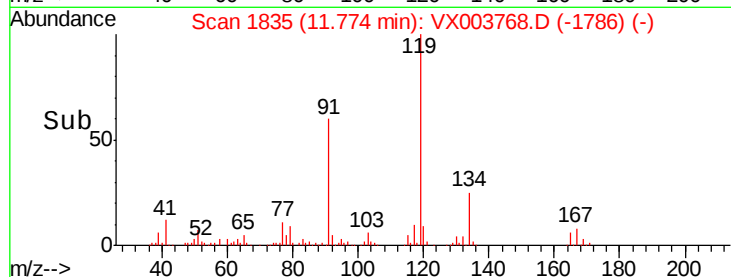
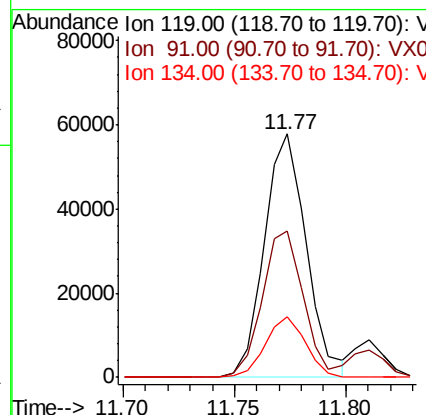
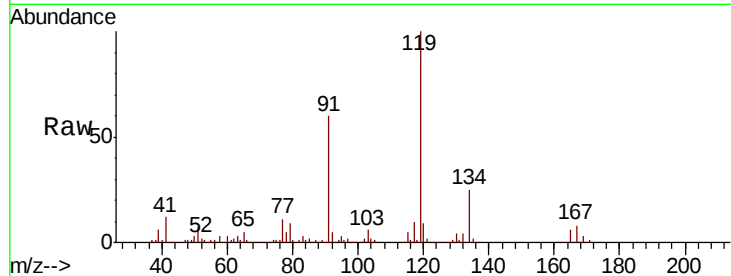




#83
 tert-Butylbenzene
 Concen: 20.58 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003768.D
 Acq: 01 Aug 2018 00:33

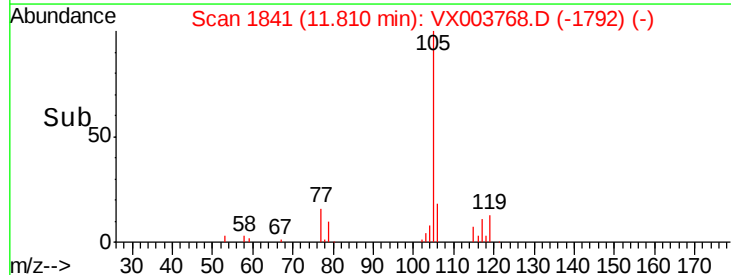
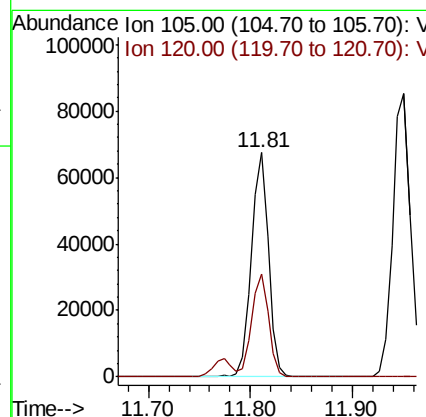
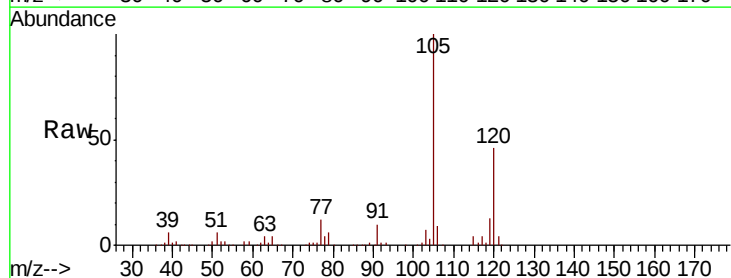
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS02

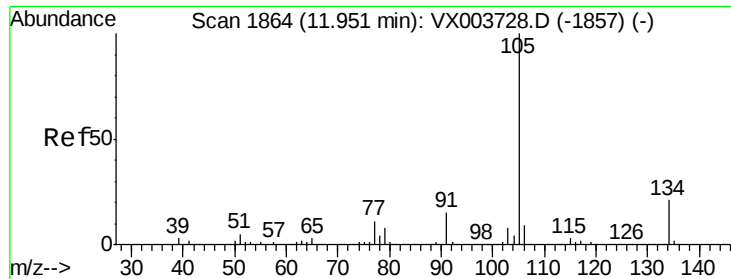
Tot Ion:119 Resp: 75934
 Ion Ratio Lower Upper
 119 100
 91 58.3 27.2 81.6
 134 23.9 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.60 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003768.D
 Acq: 01 Aug 2018 00:33

Tgt Ion:105 Resp: 79091
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.1 69.2

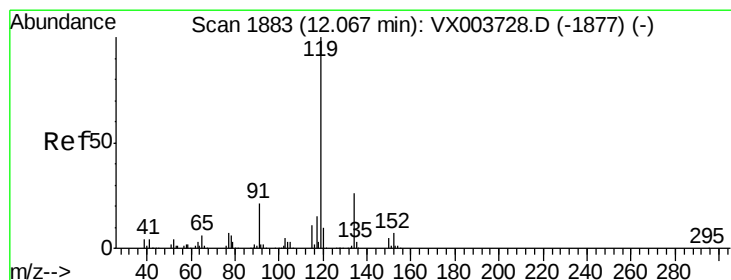
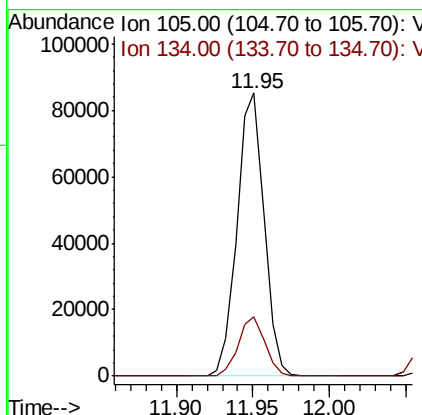
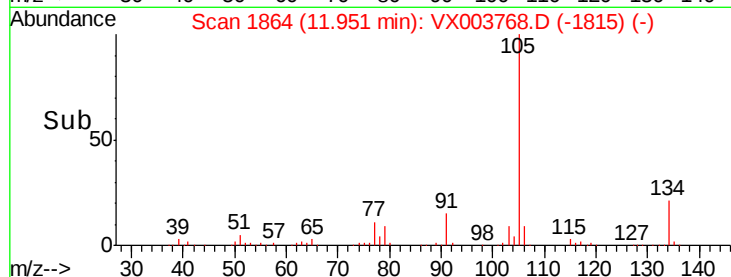
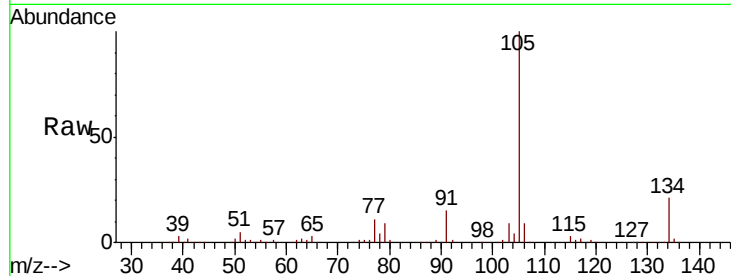




#85
 sec-Butylbenzene
 Concen: 21.99 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003768.D
 Acq: 01 Aug 2018 00:33

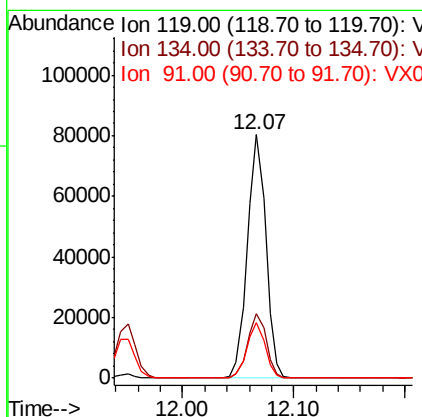
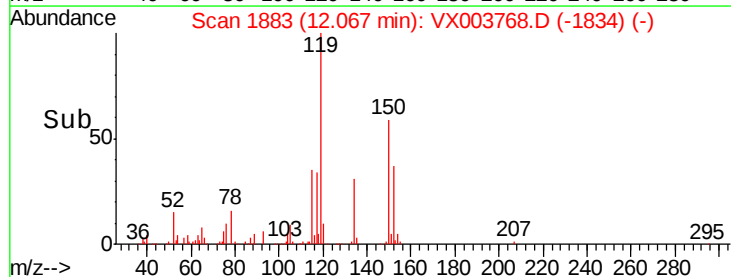
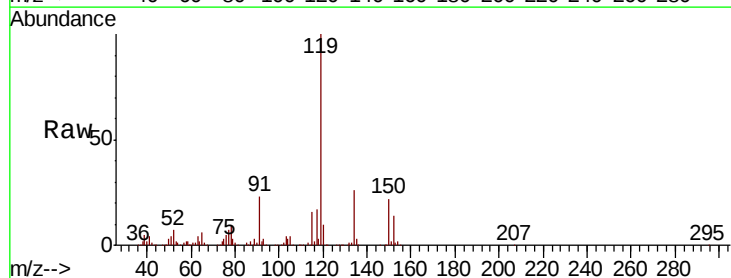
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS02

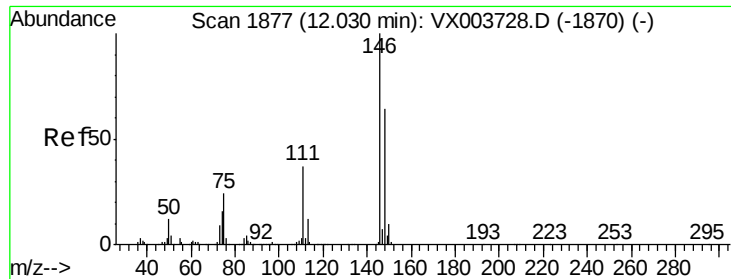
Tot Ion:105 Resp: 103792
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 21.69 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003768.D
 Acq: 01 Aug 2018 00:33

Tgt Ion:119 Resp: 93046
 Ion Ratio Lower Upper
 119 100
 134 26.5 10.1 30.1
 91 22.4 23.6 70.8#

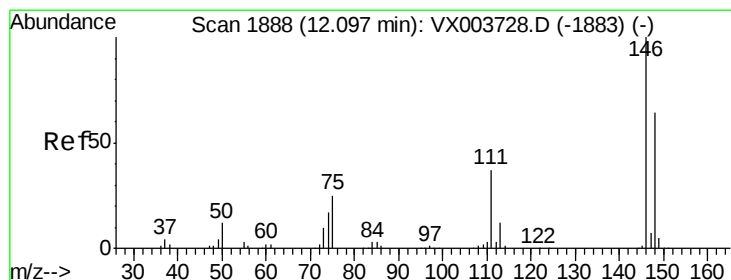
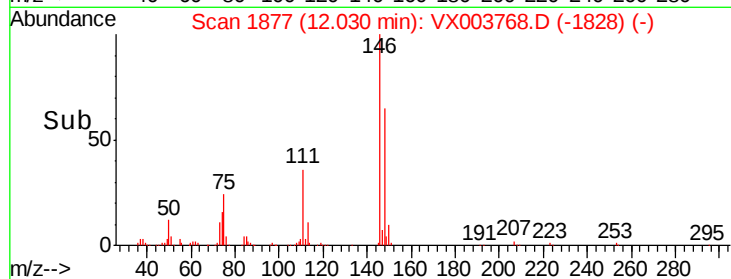
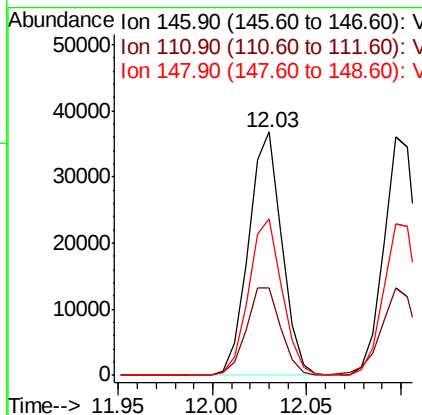
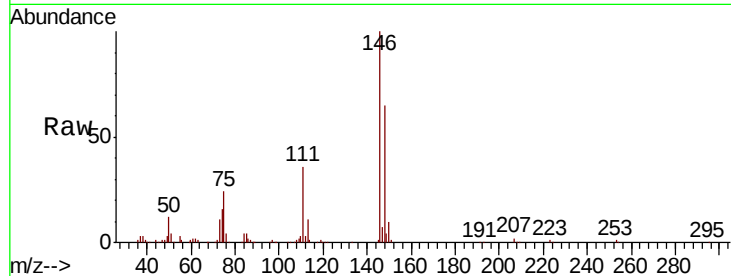




#87
 1,3-Dichlorobenzene
 Concen: 19.51 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003768.D
 Acq: 01 Aug 2018 00:33

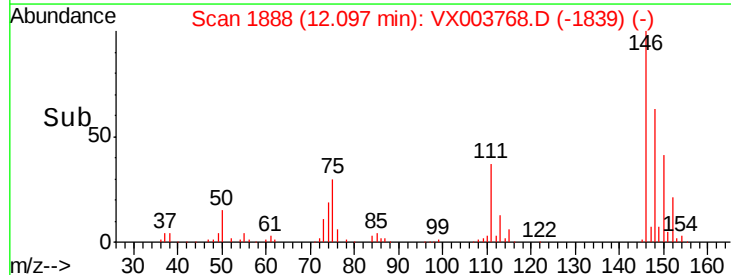
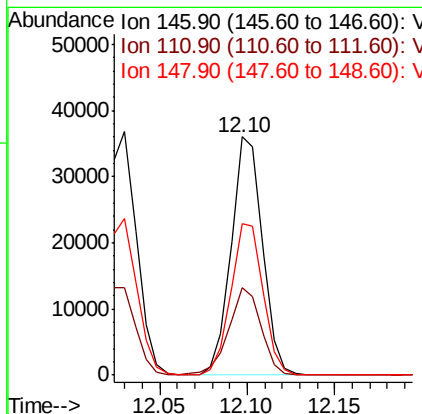
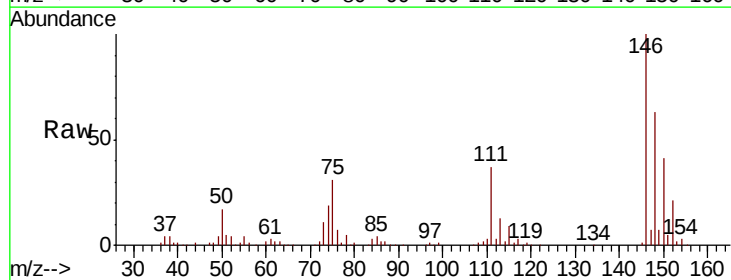
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS02

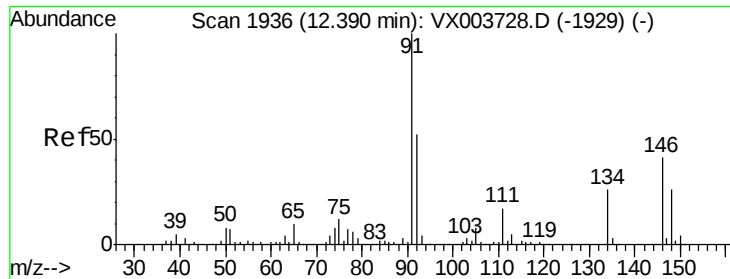
Tot Ion:146 Resp: 44970
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.8 56.3
 148 64.5 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 19.09 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX003768.D
 Acq: 01 Aug 2018 00:33

Tgt Ion:146 Resp: 44893
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.3 54.9
 148 65.2 32.0 96.2





#89

n-Butylbenzene

Concen: 21.50 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX003768.D

Acq: 01 Aug 2018 00:33

Instrument :

MSVOA_X

ClientSampled :

VX0731SBS02

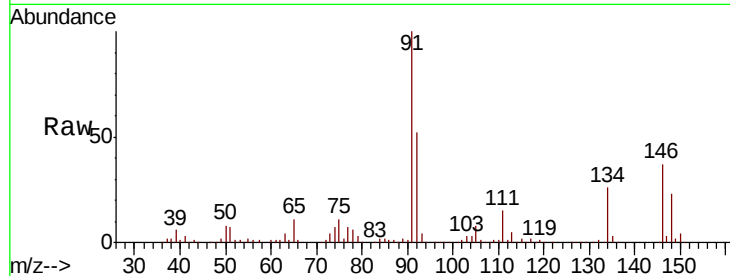
Tot Ion: 91 Resp: 87763

Ion Ratio Lower Upper

91 100

92 52.4 26.2 78.5

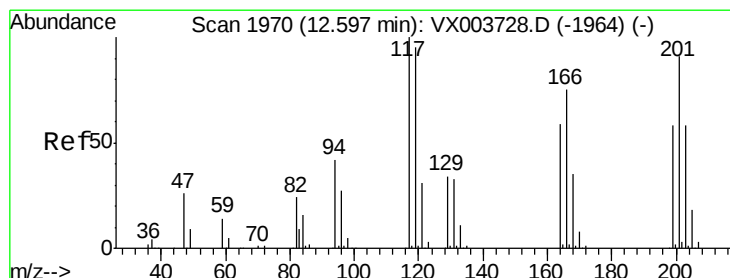
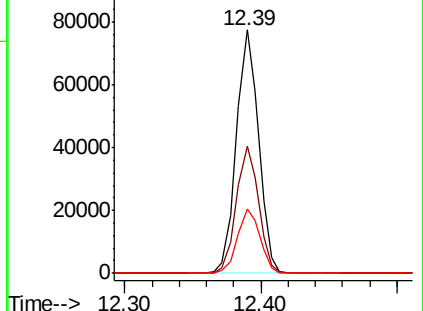
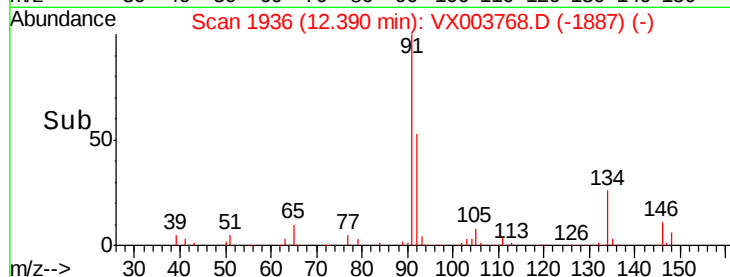
134 26.9 13.6 40.7



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: 19.61 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX003768.D

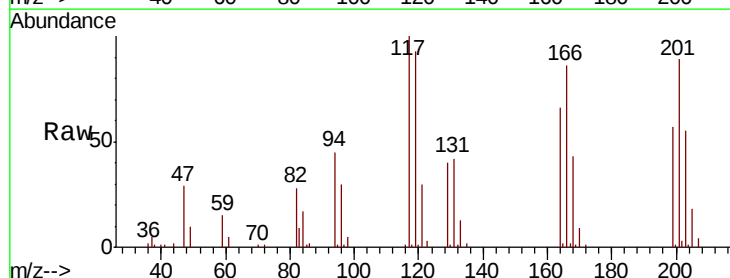
Acq: 01 Aug 2018 00:33

Tgt Ion: 117 Resp: 12493

Ion Ratio Lower Upper

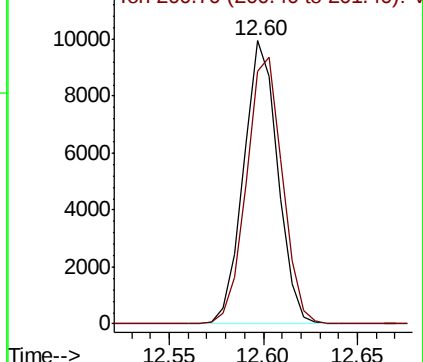
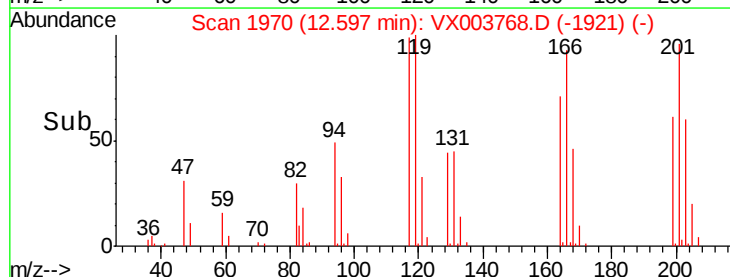
117 100

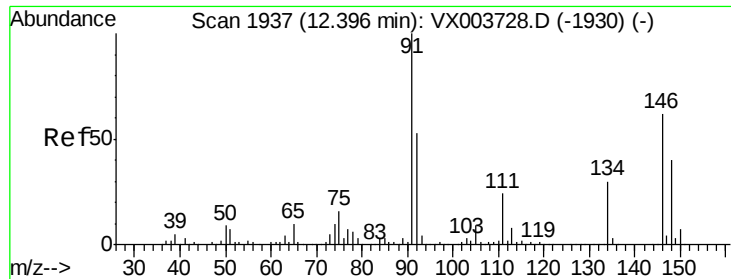
201 98.9 49.3 147.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

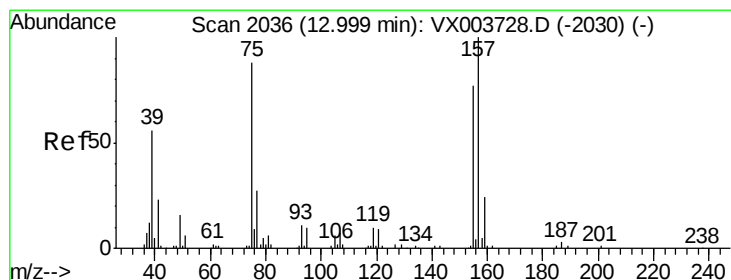
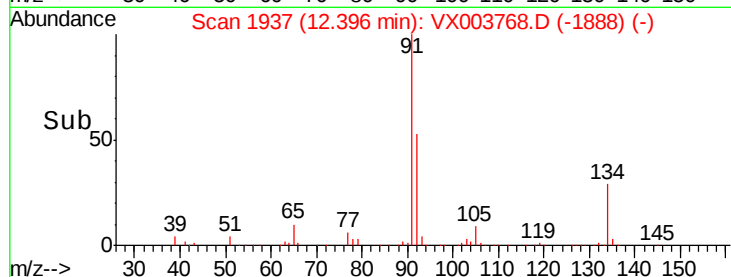
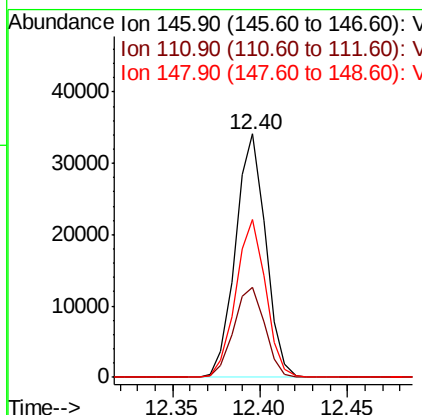
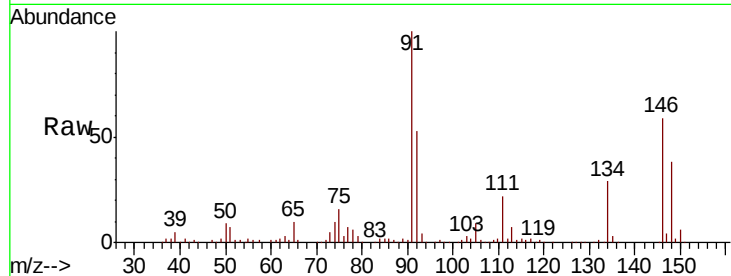




#91
 1,2-Dichlorobenzene
 Concen: 19.09 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003768.D
 Acq: 01 Aug 2018 00:33

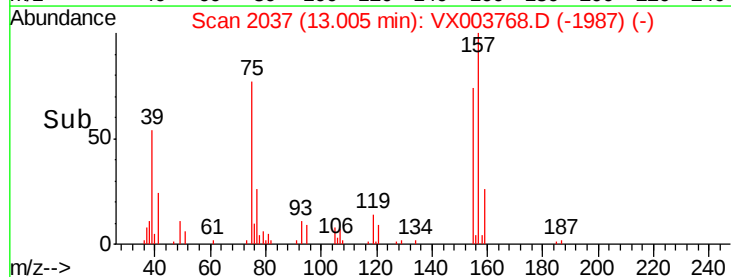
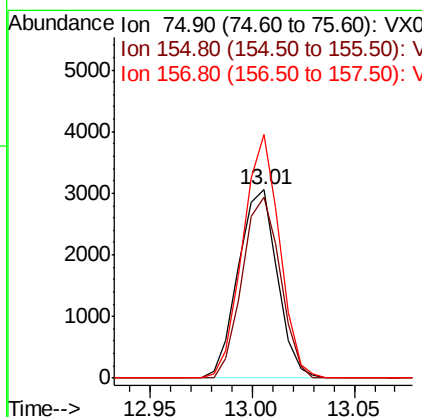
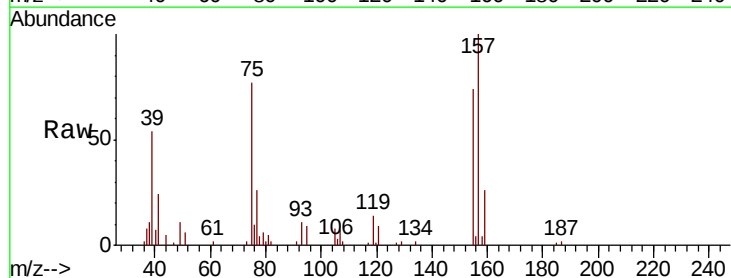
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS02

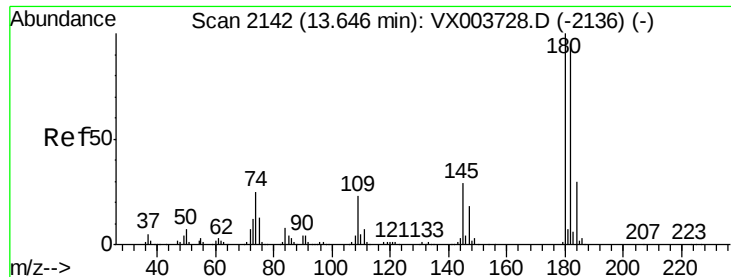
Tot Ion:146 Resp: 40969
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.4 58.4
 148 64.1 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.06 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VX003768.D
 Acq: 01 Aug 2018 00:33

Tgt Ion: 75 Resp: 4070
 Ion Ratio Lower Upper
 75 100
 155 93.6 48.9 146.7
 157 121.4 63.7 191.1

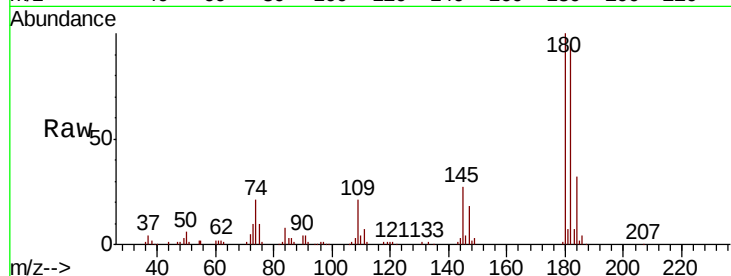




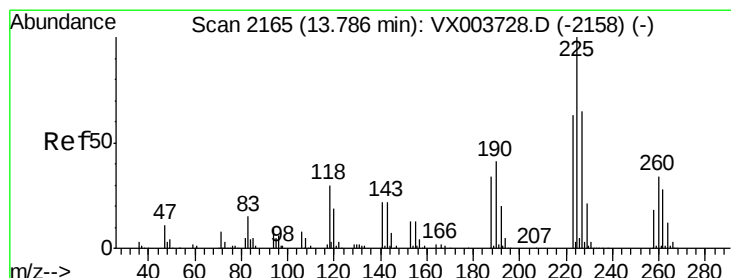
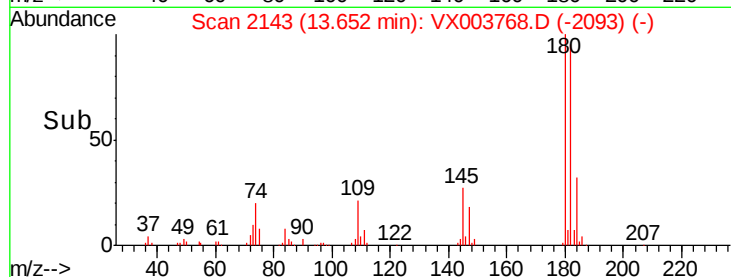
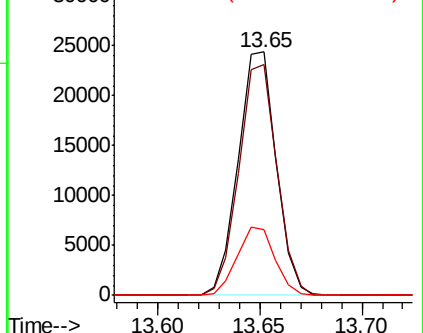
#93
 1,2,4-Trichlorobenzene
 Concen: 18.55 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VX003768.D
 Acq: 01 Aug 2018 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS02

Tot Ion:180 Resp: 31572
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.6 142.9
 145 27.8 14.1 42.2

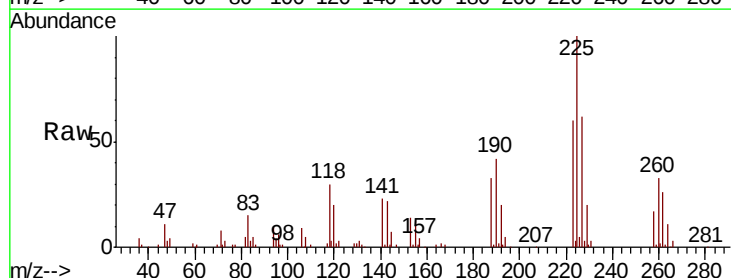


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

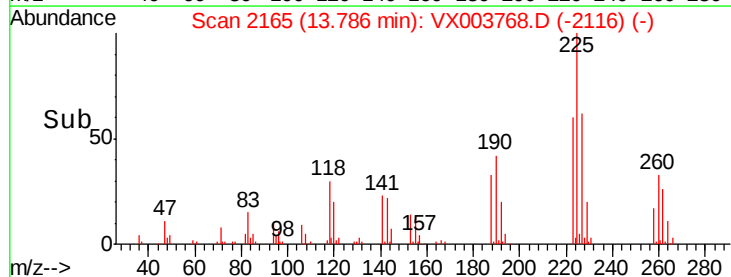
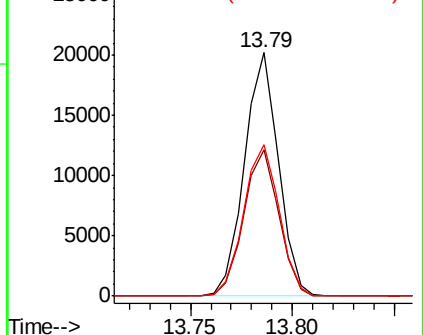


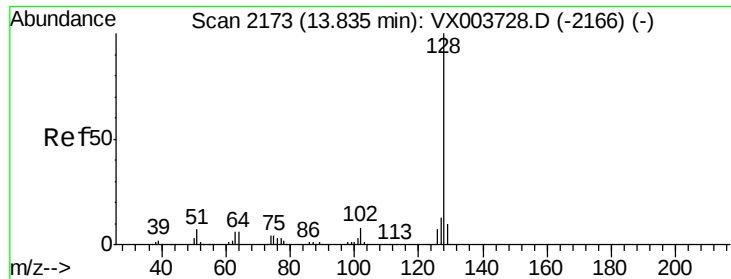
#94
 Hexachlorobutadiene
 Concen: 21.52 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003768.D
 Acq: 01 Aug 2018 00:33

Tgt Ion:225 Resp: 23432
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.1 93.5
 227 64.7 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

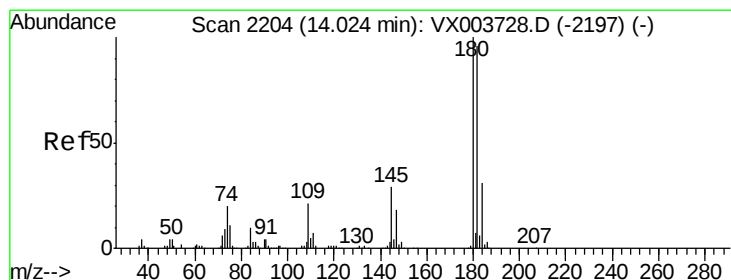
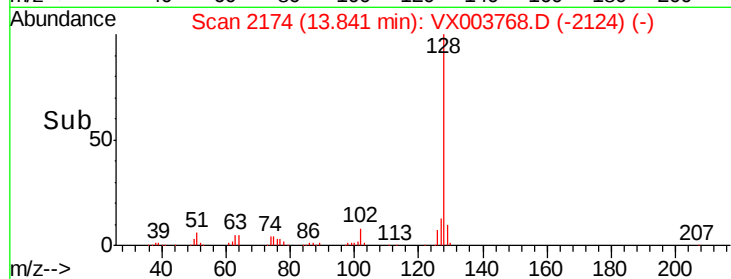
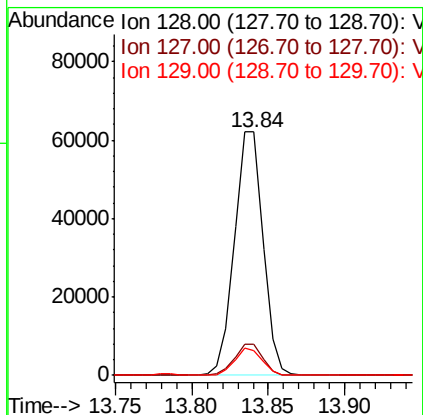
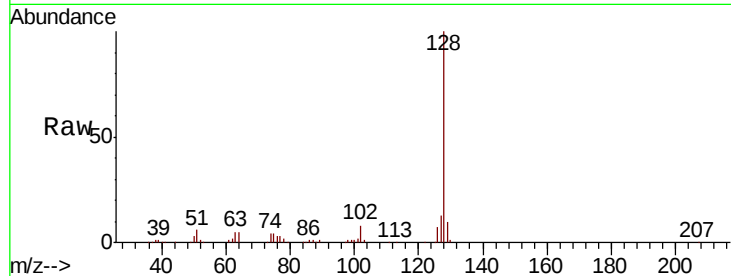




#95
Naphthalene
Concen: 22.17 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.01 min
Lab File: VX003768.D
Acq: 01 Aug 2018 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS02

Tot Ion:128 Resp: 80664
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.55 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX003768.D
Acq: 01 Aug 2018 00:33

Tgt Ion:180 Resp: 28660
Ion Ratio Lower Upper
180 100
182 95.3 47.9 143.8
145 30.3 14.7 44.1

