

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
 Data File : VX003795.D
 Acq On : 01 Aug 2018 15:52
 Operator : JC/SP
 Sample : VX0801SBS01
 Misc : 5.00G/5.0mL/MSVOA X/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 02 05:54:28 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	104162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	152522	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.12	117	127466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	71913	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	48442	45.98	ug/l	-0.01
Spiked Amount						
			Recovery	=		91.96%
35) Dibromofluoromethane	5.50	113	40982	45.63	ug/l	0.00
Spiked Amount						
			Recovery	=		91.26%
50) Toluene-d8	8.72	98	171956	45.92	ug/l	0.00
Spiked Amount						
			Recovery	=		91.84%
62) 4-Bromofluorobenzene	11.14	95	60907	44.12	ug/l	0.00
Spiked Amount						
			Recovery	=		88.24%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	16996	19.33	ug/l	100
3) Chloromethane	1.32	50	20172	18.25	ug/l	97
4) Vinyl Chloride	1.40	62	22132	18.62	ug/l	92
5) Bromomethane	1.63	94	12672	18.29	ug/l	99
6) Chloroethane	1.70	64	12504	15.91	ug/l	97
7) Trichlorofluoromethane	1.92	101	28169	18.07	ug/l	98
8) Diethyl Ether	2.18	74	10293	17.47	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	18066	18.27	ug/l	98
10) Methyl Iodide	2.50	142	14247	12.53	ug/l	99
11) Tert butyl alcohol	3.09	59	16297	95.54	ug/l	100
12) 1,1-Dichloroethene	2.36	96	17007	18.27	ug/l	95
13) Acrolein	2.29	56	5653	101.29	ug/l	94
14) Allyl chloride	2.72	41	28599	17.33	ug/l	98
15) Acrylonitrile	3.15	53	41654	96.02	ug/l	98
16) Acetone	2.45	43	29494	73.30	ug/l	99
17) Carbon Disulfide	2.56	76	48925	16.15	ug/l	100
18) Methyl Acetate	2.78	43	18609	16.46	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	47664	18.81	ug/l	# 91
20) Methylene Chloride	2.85	84	21729	18.50	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	19002	18.63	ug/l	95
22) Diisopropyl ether	3.87	45	53331	17.90	ug/l	97
23) Vinyl Acetate	3.82	43	187349	87.19	ug/l	99
24) 1,1-Dichloroethane	3.69	63	32083	18.47	ug/l	97
25) 2-Butanone	4.70	43	51809	88.32	ug/l	100
26) 2,2-Dichloropropane	4.58	77	27286	19.94	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	21814	19.84	ug/l	96
28) Bromochloromethane	5.02	49	13575	17.42	ug/l	98
29) Tetrahydrofuran	5.16	42	33941	90.79	ug/l	100
30) Chloroform	5.21	83	32078	18.74	ug/l	96
31) Cyclohexane	5.57	56	31369	18.69	ug/l	87
32) 1,1,1-Trichloroethane	5.49	97	28291	19.23	ug/l	99
36) 1,1-Dichloropropene	5.79	75	26543	18.58	ug/l	98
37) Ethyl Acetate	4.85	43	19733	17.98	ug/l	97
38) Carbon Tetrachloride	5.78	117	25090	18.99	ug/l	99

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 Sample : VX0801SBSD01
 Misc : 5.00G/5.0mL/MSVOA X/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 02 05:54:28 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	33118	18.89	ug/l	98
40) Benzene	6.14	78	77425	18.92	ug/l	99
41) Methacrylonitrile	5.06	41	11059	17.88	ug/l	99
42) 1,2-Dichloroethane	6.20	62	22505	18.20	ug/l	100
43) Isopropyl Acetate	6.46	43	30715	17.57	ug/l	100
44) Trichloroethene	7.21	130	21561	18.47	ug/l	94
45) 1,2-Dichloropropane	7.52	63	18861	18.74	ug/l	96
46) Dibromomethane	7.67	93	9970	17.19	ug/l	99
47) Bromodichloromethane	7.90	83	21165	18.31	ug/l	99
48) Methyl methacrylate	7.78	41	15206	17.34	ug/l	99
49) 1,4-Dioxane	7.76	88	7023	396.81	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	96417	89.74	ug/l	99
52) Toluene	8.79	92	48351	18.94	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	23135	17.52	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	26519	18.02	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	16511	18.79	ug/l	99
56) Ethyl methacrylate	9.18	69	20965	17.37	ug/l	98
57) 1,3-Dichloropropane	9.37	76	27021	18.32	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	46990	84.39	ug/l	99
59) 2-Hexanone	9.50	43	74005	90.42	ug/l	97
60) Dibromochloromethane	9.59	129	15335	17.33	ug/l	99
61) 1,2-Dibromoethane	9.67	107	16008	17.84	ug/l	99
64) Tetrachloroethene	9.34	164	20333	20.29	ug/l	95
65) Chlorobenzene	10.14	112	53989	20.27	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	17450	20.09	ug/l	100
67) Ethyl Benzene	10.26	91	91326	20.31	ug/l	100
68) m/p-Xylenes	10.36	106	71861	40.84	ug/l	100
69) o-Xylene	10.70	106	32613	19.96	ug/l	98
70) Styrene	10.71	104	55724	20.27	ug/l	100
71) Bromoform	10.86	173	10922	18.29	ug/l #	98
73) Isopropylbenzene	11.02	105	92673	20.58	ug/l	100
74) N-amyl acetate	6.46	43	30715	19.25	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.27	83	22400	19.14	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	25216	25.44	ug/l	83
77) Bromobenzene	11.26	156	24108	20.54	ug/l	99
78) n-propylbenzene	11.36	91	112182	20.57	ug/l	99
79) 2-Chlorotoluene	11.42	91	63419	20.48	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	78821	20.51	ug/l #	68
81) trans-1,4-Dichloro-2-buten	11.08	75	6154	18.39	ug/l #	90
82) 4-Chlorotoluene	11.51	91	76370	20.33	ug/l	100
83) tert-Butylbenzene	11.77	119	76534	20.14	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	80415	20.33	ug/l	99
85) sec-Butylbenzene	11.95	105	100471	20.66	ug/l	99
86) p-Isopropyltoluene	12.07	119	89340	20.22	ug/l #	70
87) 1,3-Dichlorobenzene	12.03	146	47488	20.00	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	48048	19.84	ug/l	99
89) n-Butylbenzene	12.39	91	85052	20.22	ug/l	100
90) Hexachloroethane	12.60	117	12742	19.42	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	44050	19.92	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	4556	19.62	ug/l	94

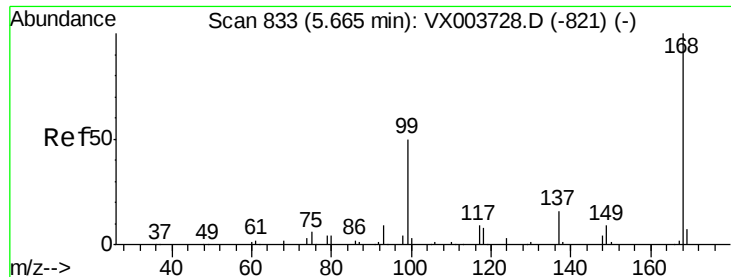
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
Data File : VX003795.D
Acq On : 01 Aug 2018 15:52
Operator : JC/SP
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Instrument :
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ClientSampleId :

Quant Time: Aug 02 05:54:28 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)
93) 1,2,4-Trichlorobenzene	13.65	180	34364	19.59	ug/l	99
94) Hexachlorobutadiene	13.79	225	22274	19.86	ug/l	99
95) Naphthalene	13.83	128	73727	19.67	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	31394	19.72	ug/l	100

(#) = 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: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

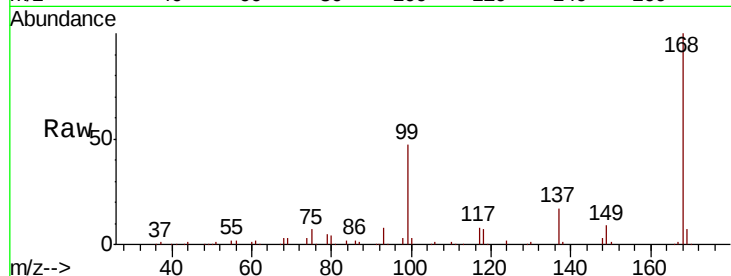
ClientSampleId :

Tot Ion:168 Resp: 104162

Ion Ratio Lower Upper

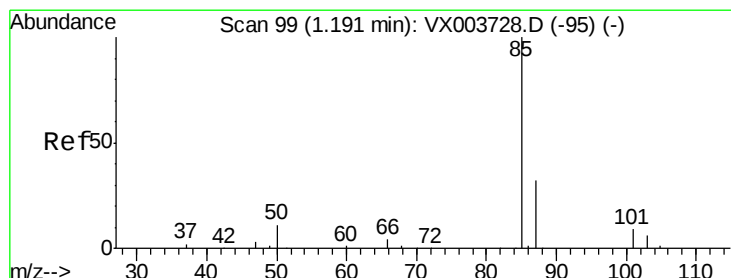
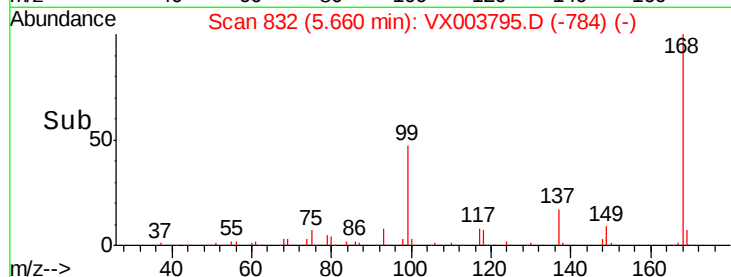
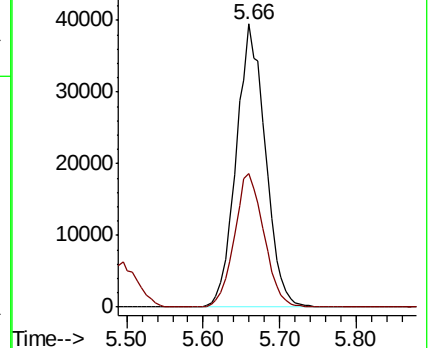
168 100

99 47.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.33 ug/l

RT: 1.19 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX003795.D

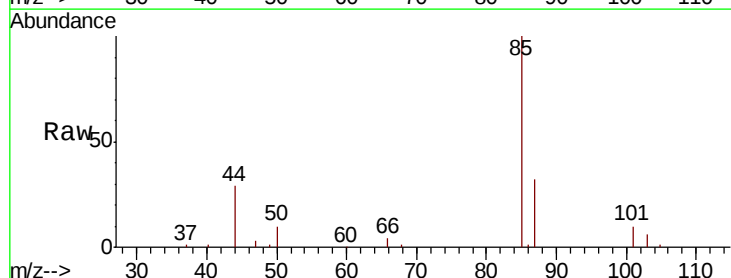
Acq: 01 Aug 2018 15:52

Tgt Ion: 85 Resp: 16996

Ion Ratio Lower Upper

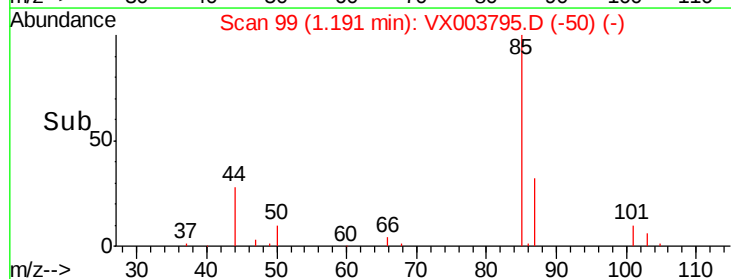
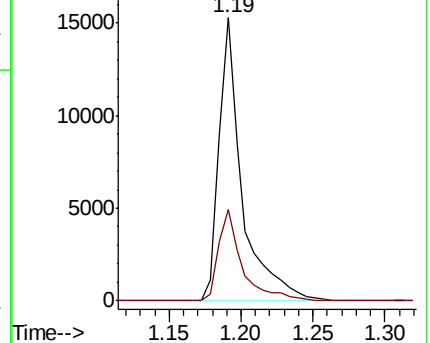
85 100

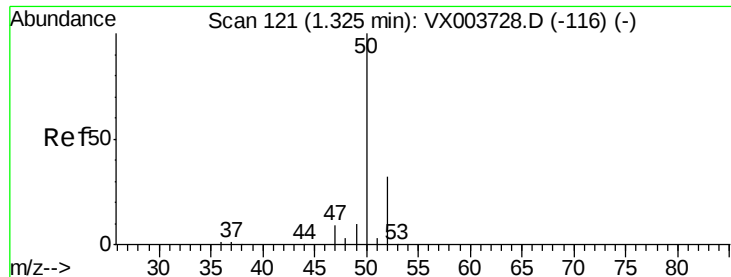
87 32.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.25 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

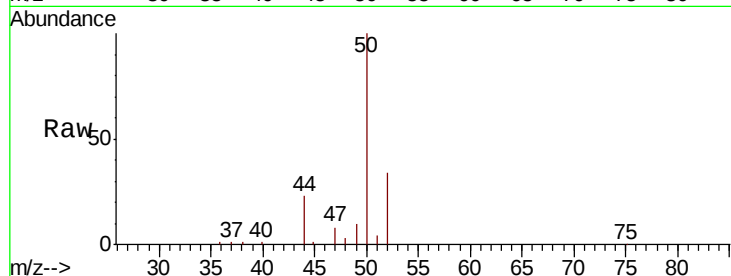
ClientSampleId :

Tot Ion: 50 Resp: 20172

Ion Ratio Lower Upper

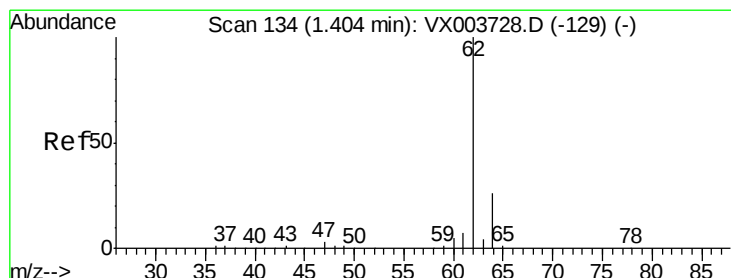
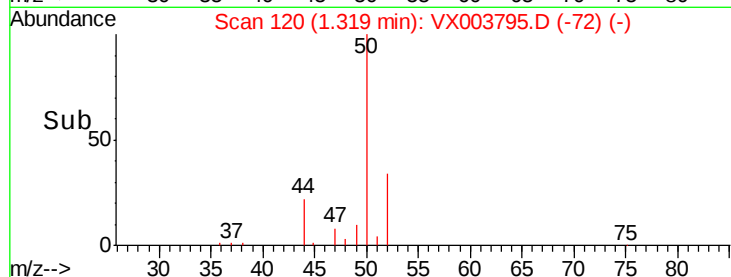
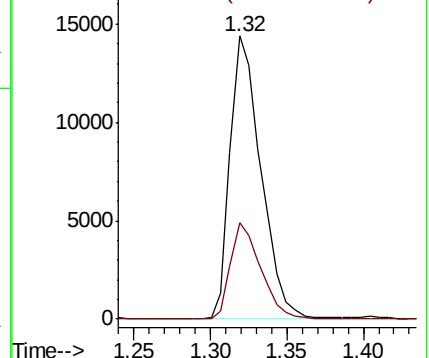
50 100

52 34.2 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: 18.62 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003795.D

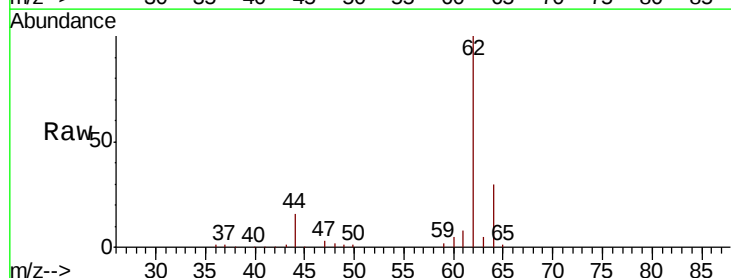
Acq: 01 Aug 2018 15:52

Tgt Ion: 62 Resp: 22132

Ion Ratio Lower Upper

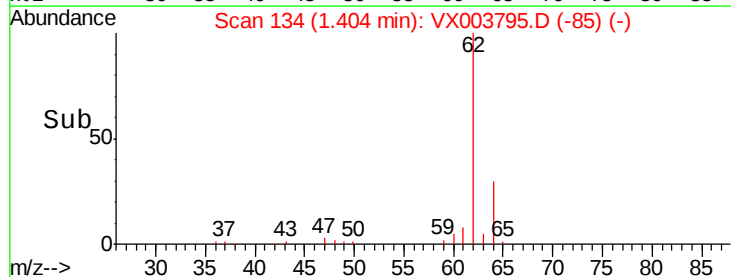
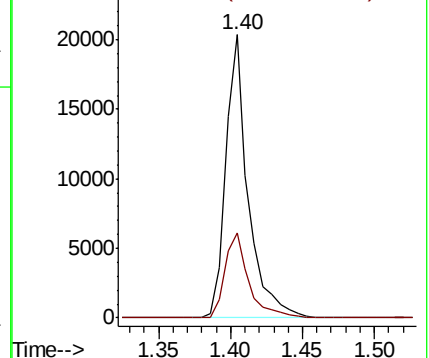
62 100

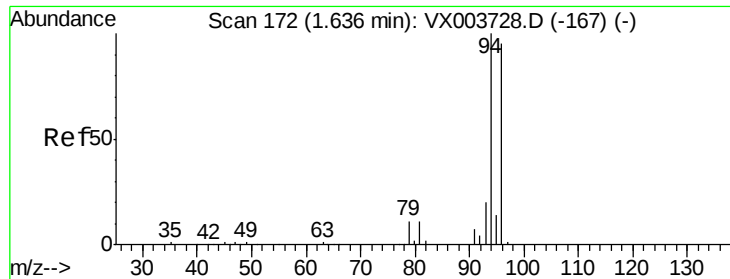
64 30.1 21.0 31.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.29 ug/l

RT: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

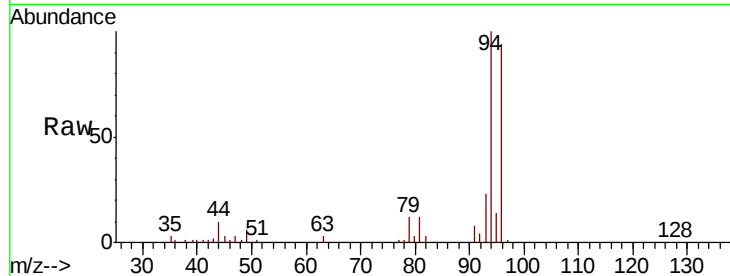
ClientSampleId :

Tot Ion: 94 Resp: 12672

Ion Ratio Lower Upper

94 100

96 94.4 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

15000

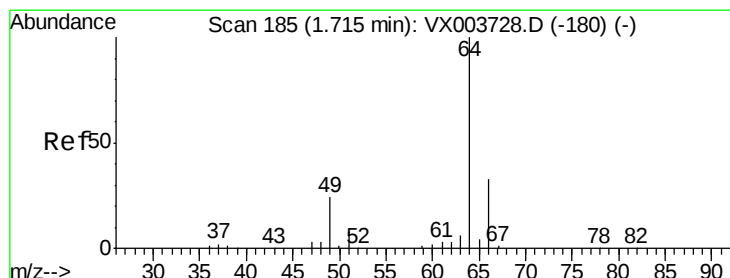
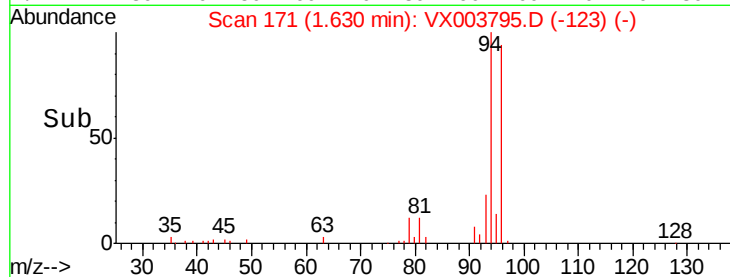
10000

5000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 15.91 ug/l

RT: 1.70 min Scan# 183

Delta R.T. -0.01 min

Lab File: VX003795.D

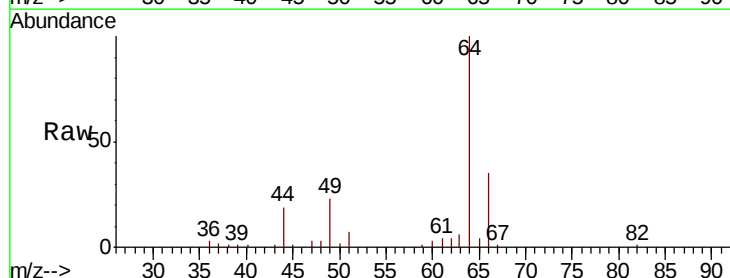
Acq: 01 Aug 2018 15:52

Tgt Ion: 64 Resp: 12504

Ion Ratio Lower Upper

64 100

66 34.9 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

10000

8000

6000

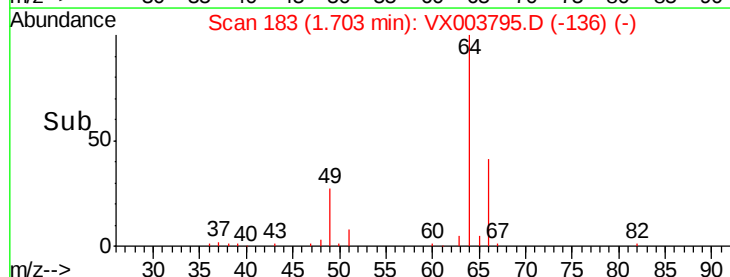
4000

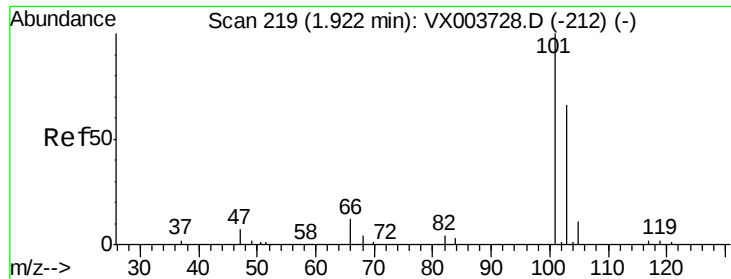
2000

0

Time-->

1.65 1.70 1.75 1.80



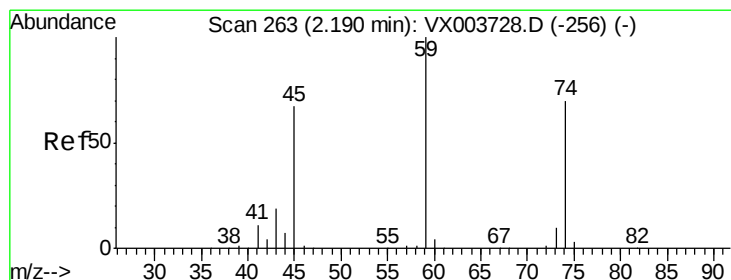
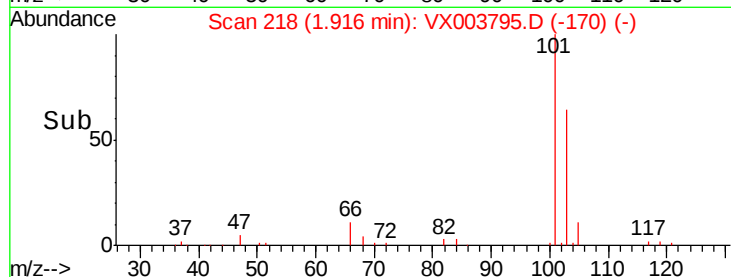
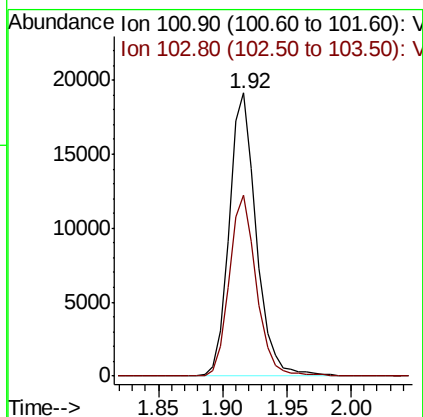
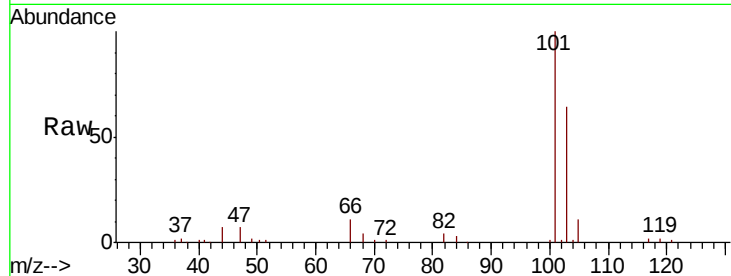


#7

Trichlorofluoromethane
Concen: 18.07 ug/l
RT: 1.92 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :

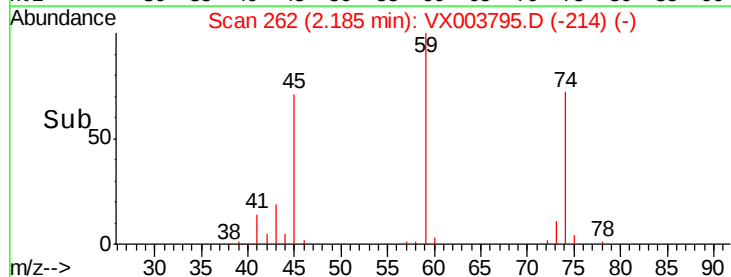
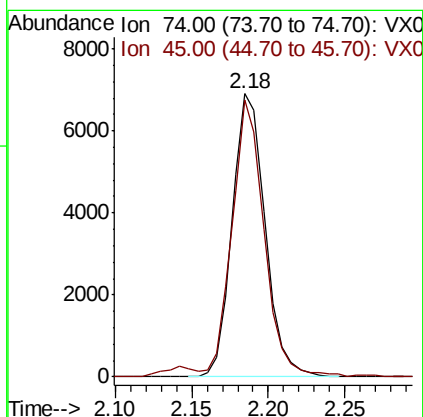
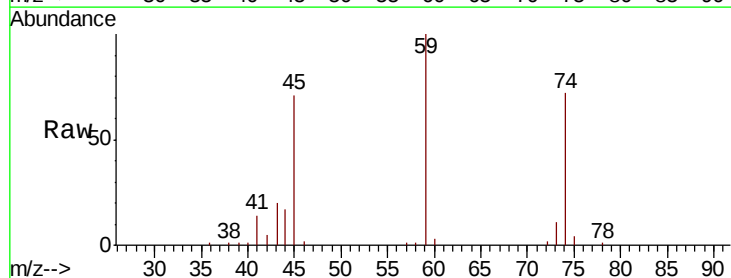
Tot Ion:101 Resp: 28169
Ion Ratio Lower Upper
101 100
103 63.8 52.6 78.8

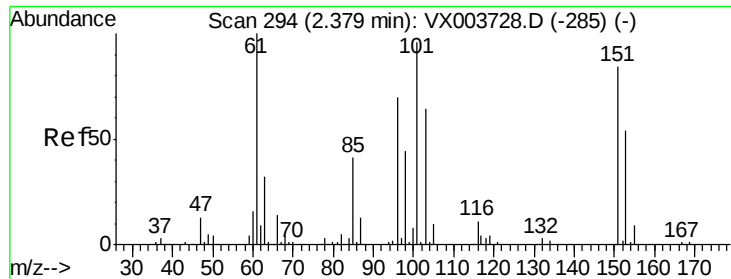


#8

Diethyl Ether
Concen: 17.47 ug/l
RT: 2.18 min Scan# 262
Delta R.T. -0.01 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Tgt Ion: 74 Resp: 10293
Ion Ratio Lower Upper
74 100
45 95.7 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.27 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

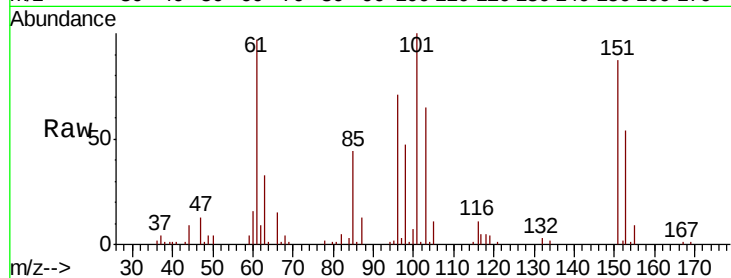
Tot Ion:101 Resp: 18066

Ion Ratio Lower Upper

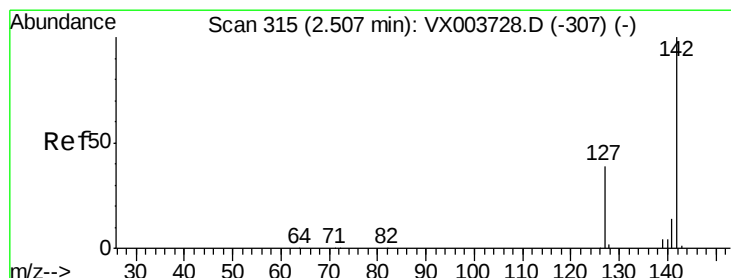
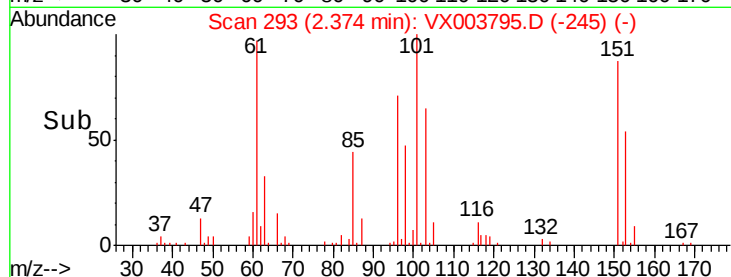
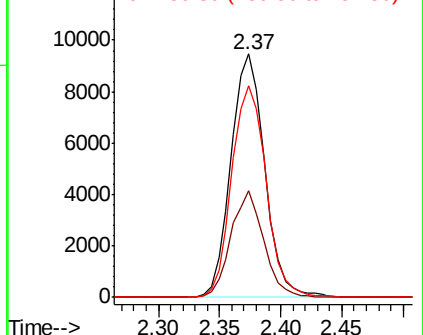
101 100

85 42.4 33.3 49.9

151 88.7 68.8 103.2



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 12.53 ug/l

RT: 2.50 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

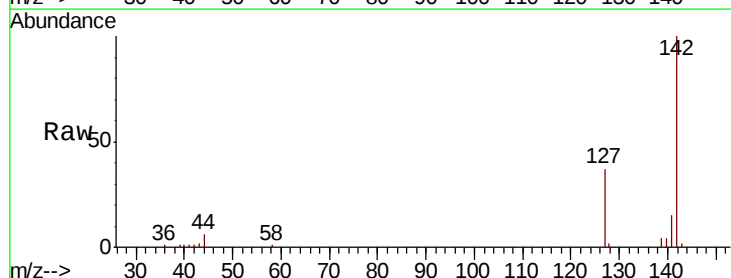
Tgt Ion:142 Resp: 14247

Ion Ratio Lower Upper

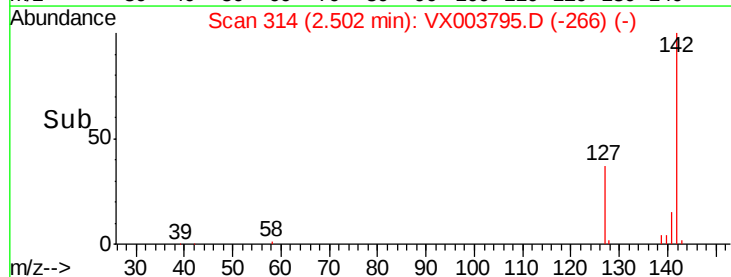
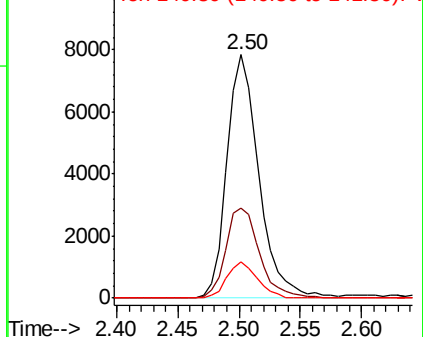
142 100

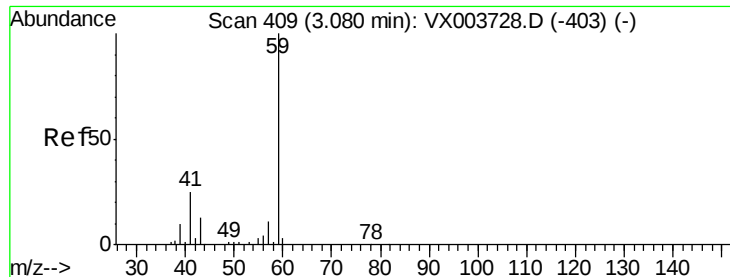
127 38.9 32.0 48.0

141 14.0 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

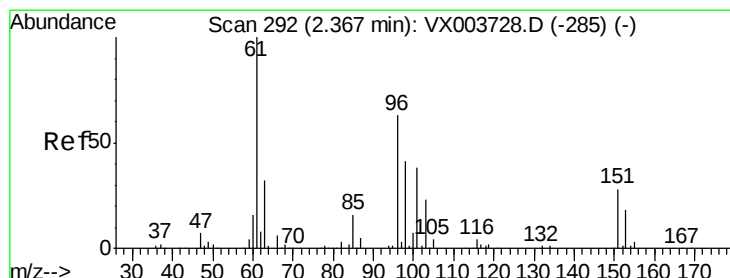
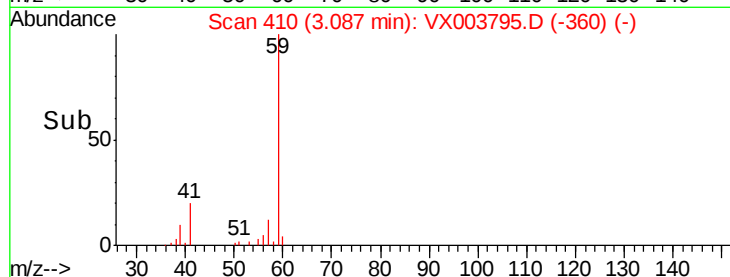
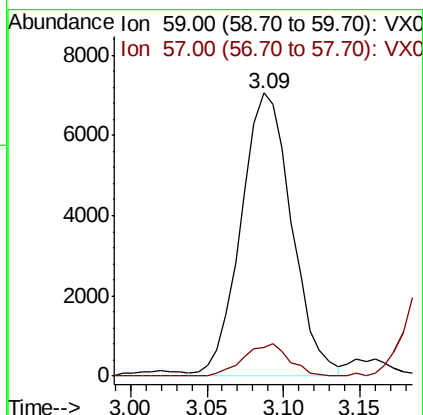
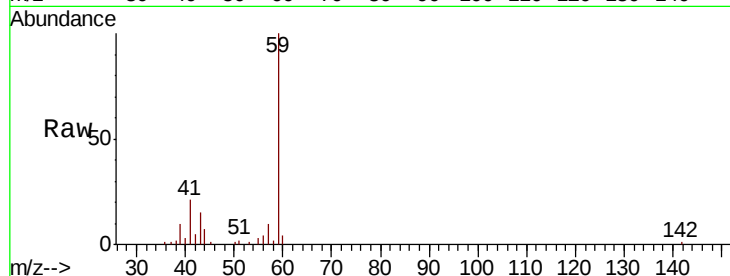




#11
Tert butyl alcohol
Concen: 95.54 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

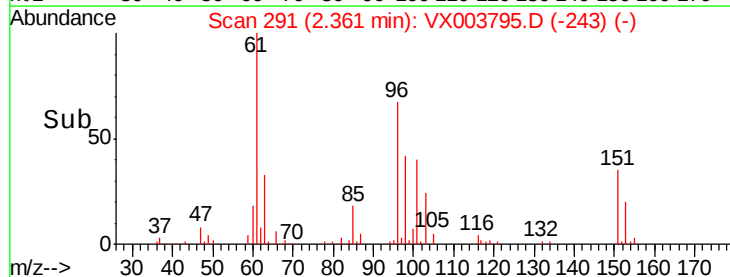
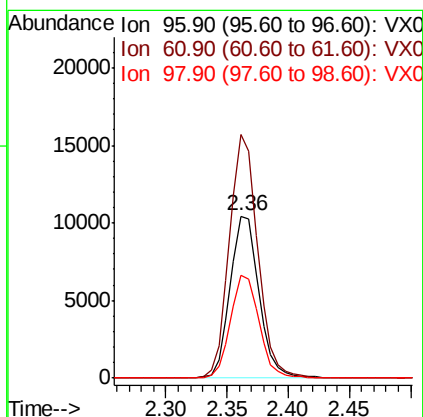
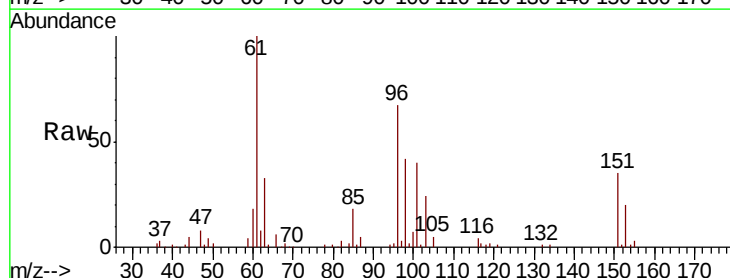
Instrument :
MSVOA_X
ClientSampleId :

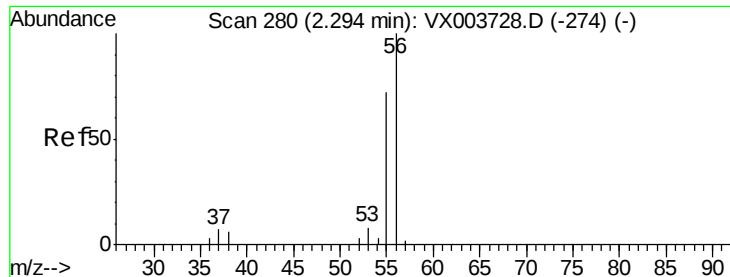
Tot Ion: 59 Resp: 16297
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1



#12
1,1-Dichloroethene
Concen: 18.27 ug/l
RT: 2.36 min Scan# 291
Delta R.T. -0.01 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Tgt Ion: 96 Resp: 17007
Ion Ratio Lower Upper
96 100
61 150.2 127.1 190.7
98 63.1 52.0 78.0





#13

Acrolein

Concen: 101.29 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

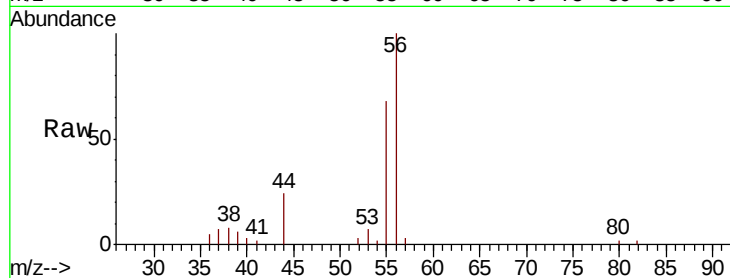
ClientSampleId :

Tot Ion: 56 Resp: 5653

Ion Ratio Lower Upper

56 100

55 71.7 61.4 92.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

4000

3000

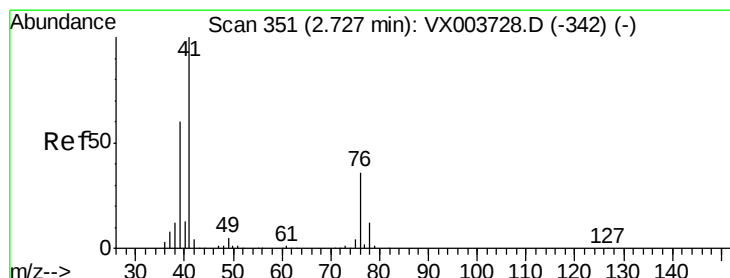
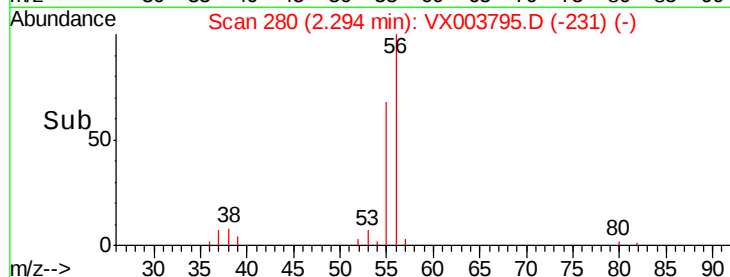
2000

1000

0

Time-->

2.25 2.30 2.35



#14

Allyl chloride

Concen: 17.33 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

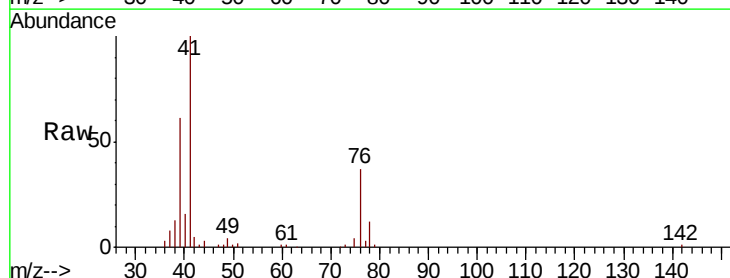
Tgt Ion: 41 Resp: 28599

Ion Ratio Lower Upper

41 100

39 61.5 47.7 71.5

76 34.1 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

2.72

20000

15000

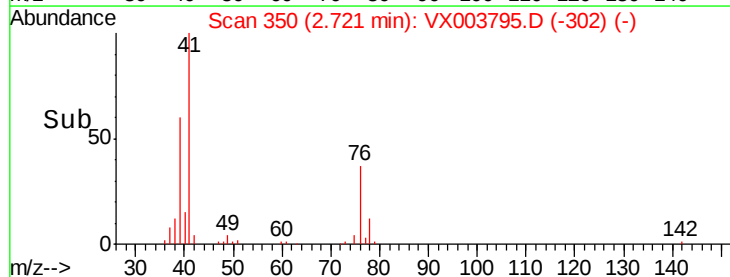
10000

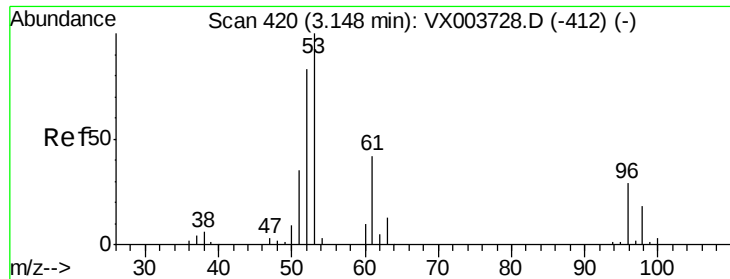
5000

0

Time-->

2.60 2.70 2.80

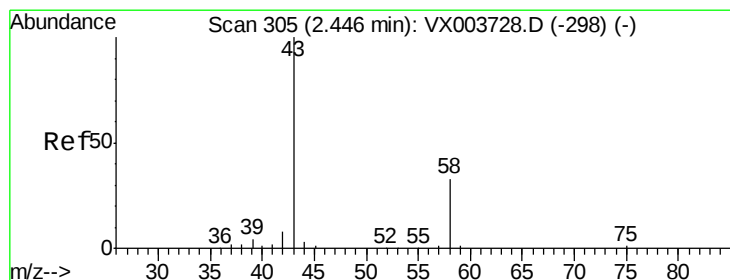
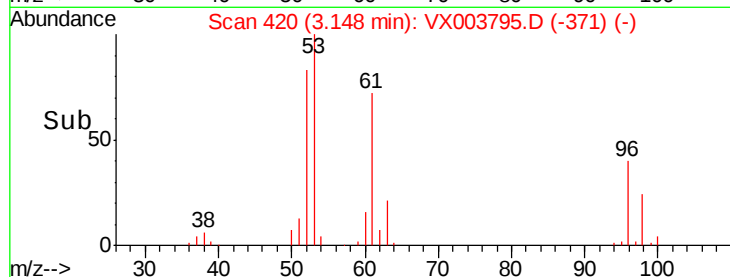
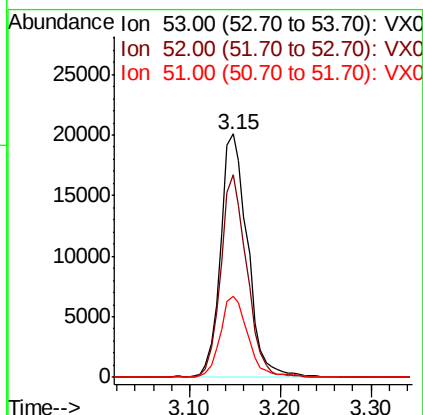
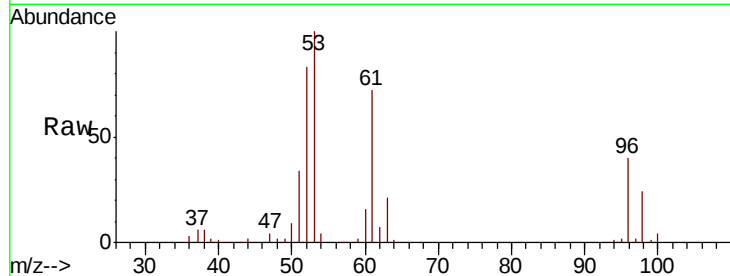




#15
 Acrylonitrile
 Concen: 96.02 ug/l
 RT: 3.15 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

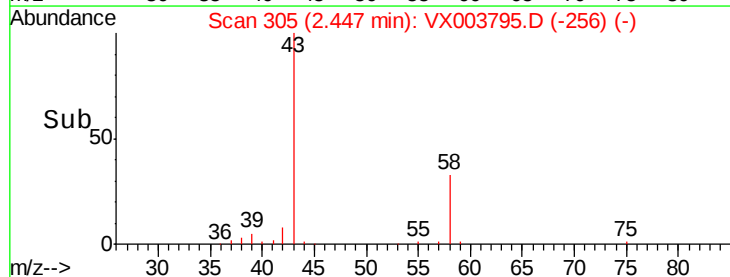
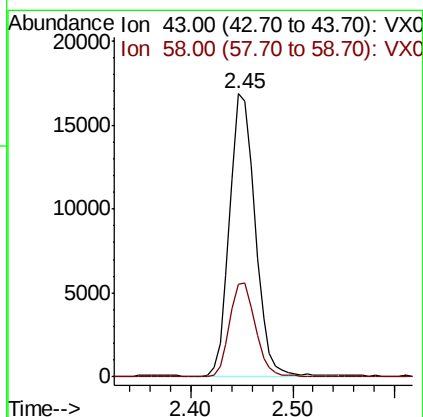
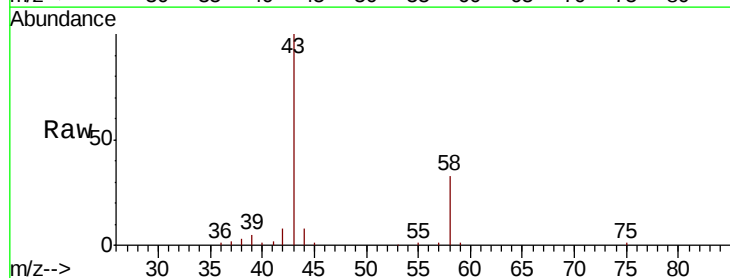
Instrument :
 MSVOA_X
 ClientSampled :

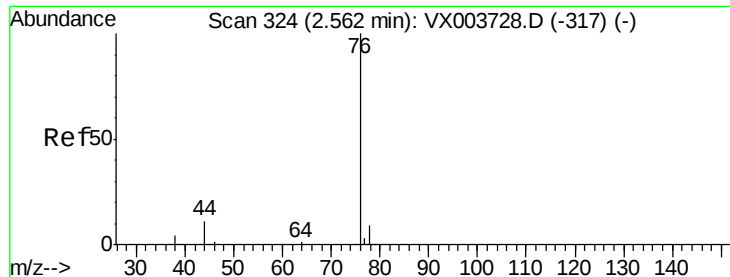
Tot Ion: 53 Resp: 41654
 Ion Ratio Lower Upper
 53 100
 52 80.3 66.2 99.2
 51 34.4 28.5 42.7



#16
 Acetone
 Concen: 73.30 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. 0.00 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

Tgt Ion: 43 Resp: 29494
 Ion Ratio Lower Upper
 43 100
 58 32.9 26.7 40.1

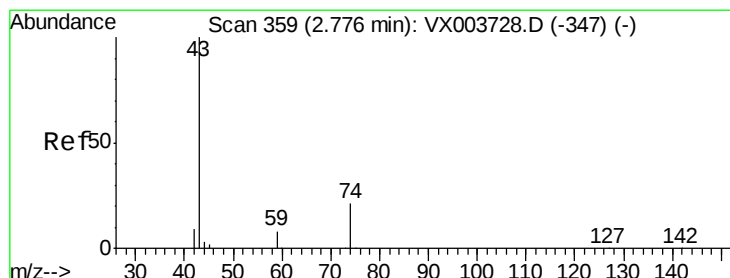
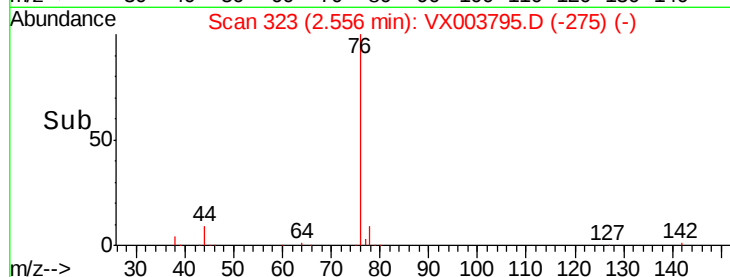
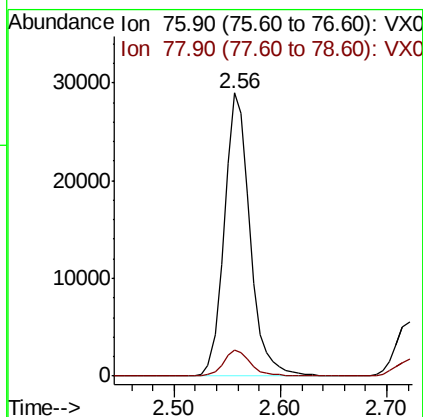
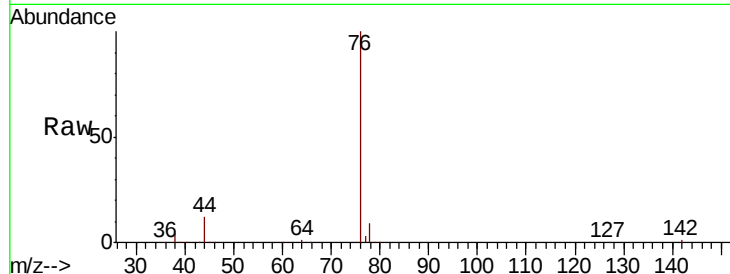




#17
Carbon Disulfide
Concen: 16.15 ug/l
RT: 2.56 min Scan# 323
Delta R.T. -0.01 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

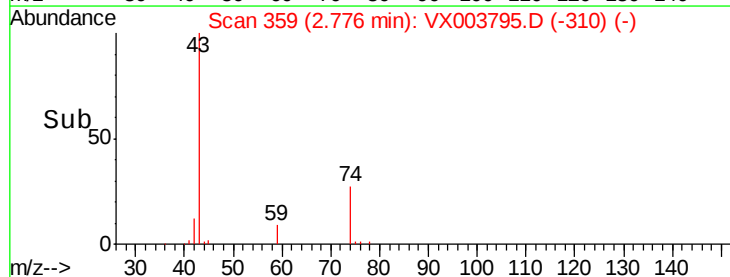
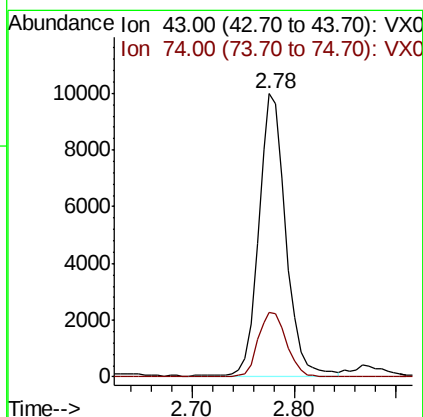
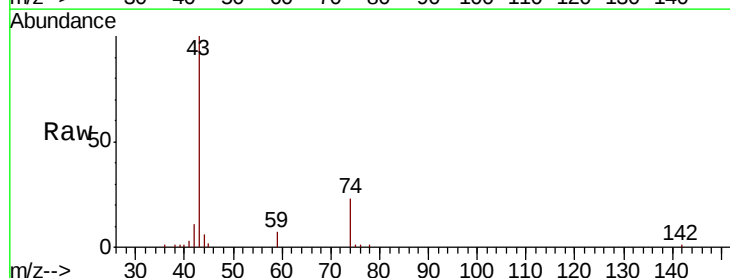
Instrument :
MSVOA_X
ClientSampleId :

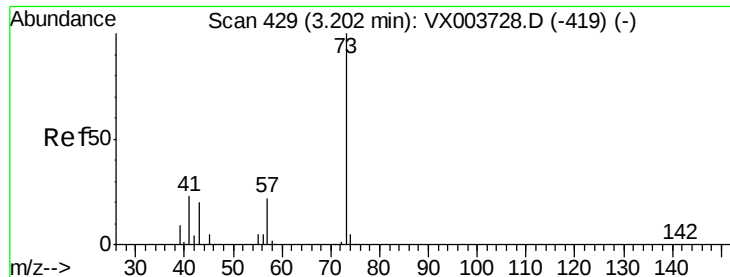
Tot Ion: 76 Resp: 48925
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 16.46 ug/l
RT: 2.78 min Scan# 359
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Tgt Ion: 43 Resp: 18609
Ion Ratio Lower Upper
43 100
74 23.7 18.9 28.3



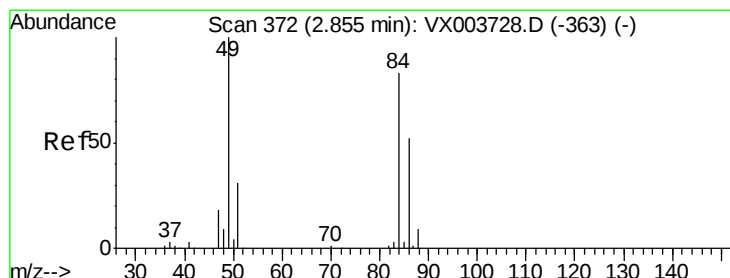
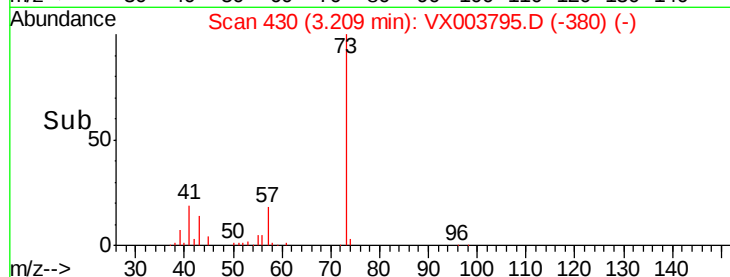
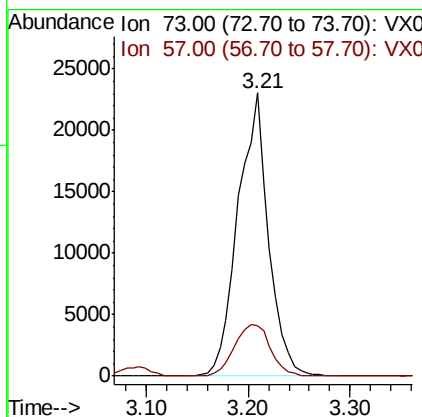
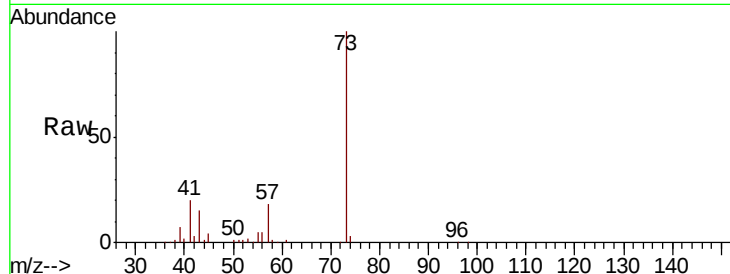


#19

Methyl tert-butyl Ether
 Concen: 18.81 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.01 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

Instrument :
 MSVOA_X
 ClientSampleID :

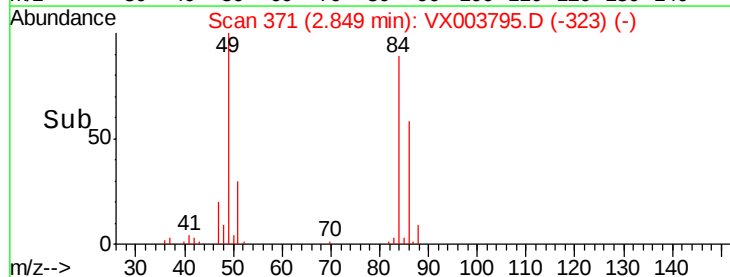
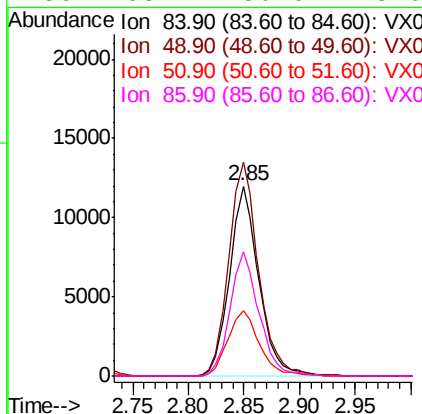
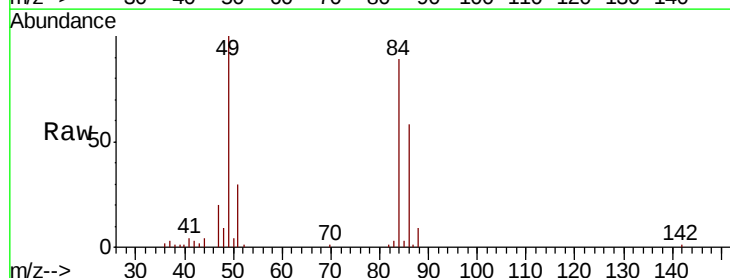
Tot Ion: 73 Resp: 47664
 Ion Ratio Lower Upper
 73 100
 57 17.9 18.0 27.0#

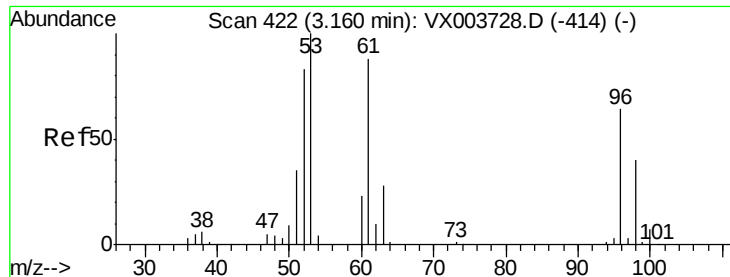


#20

Methylene Chloride
 Concen: 18.50 ug/l
 RT: 2.85 min Scan# 371
 Delta R.T. -0.00 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

Tgt Ion: 84 Resp: 21729
 Ion Ratio Lower Upper
 84 100
 49 112.7 95.8 143.8
 51 34.1 29.6 44.4
 86 65.7 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 18.63 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

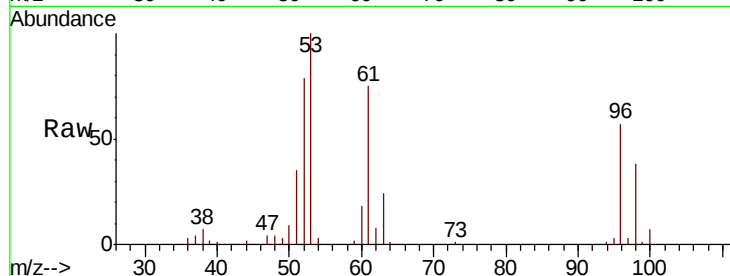
Tot Ion: 96 Resp: 19002

Ion Ratio Lower Upper

96 100

61 132.9 110.9 166.3

98 66.2 50.2 75.4

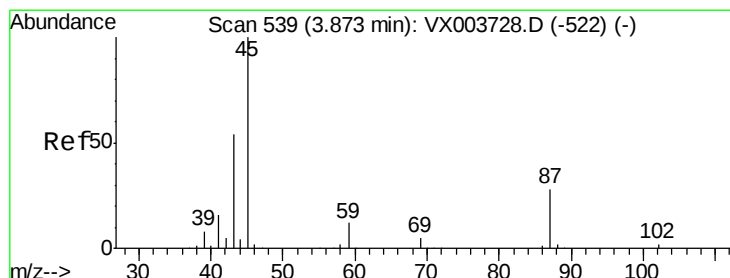
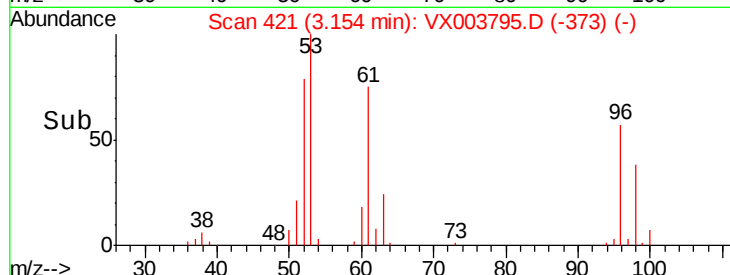
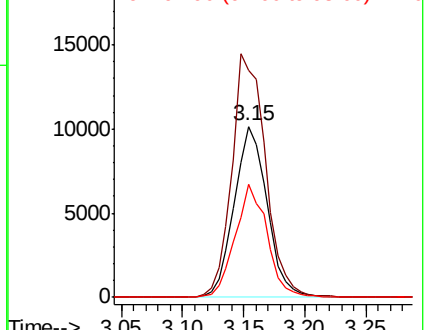


Abundance

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: 17.90 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Tgt Ion: 45 Resp: 53331

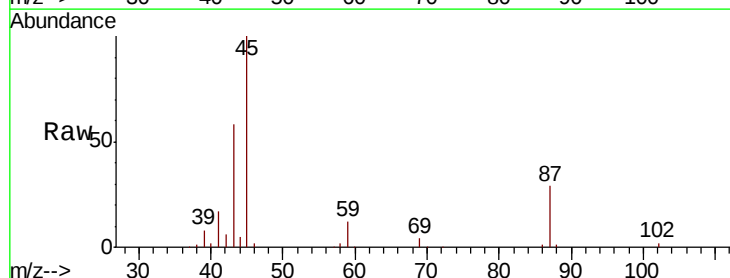
Ion Ratio Lower Upper

45 100

43 57.4 43.5 65.3

87 28.8 22.6 33.8

59 11.9 9.3 13.9



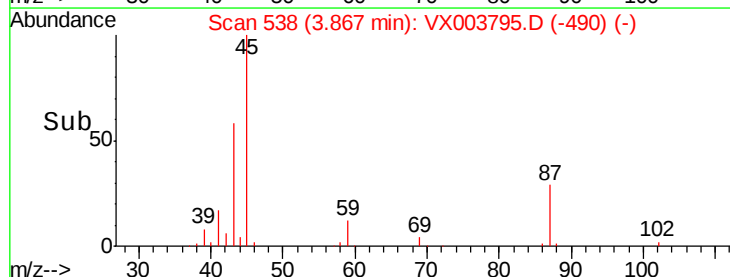
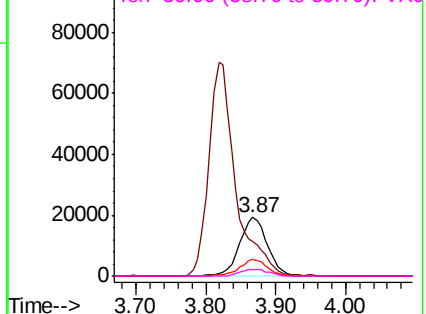
Abundance

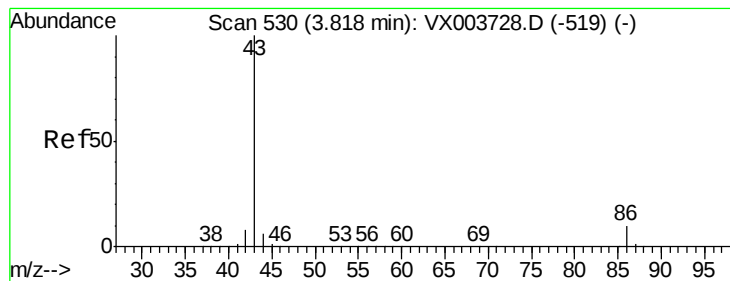
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 87.19 ug/l

RT: 3.82 min Scan# 530

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

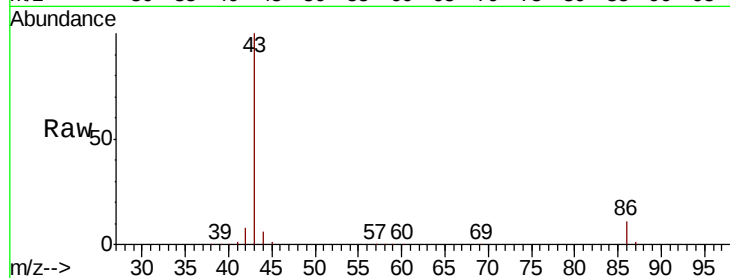
ClientSampleId :

Tot Ion: 43 Resp: 187349

Ion Ratio Lower Upper

43 100

86 10.6 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

80000

60000

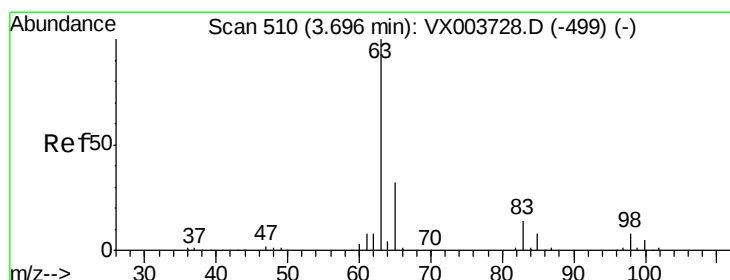
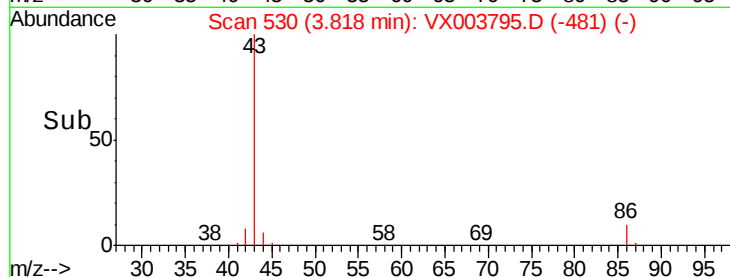
40000

20000

0

3.70 3.80 3.90 4.00 4.10

Time-->



#24

1,1-Dichloroethane

Concen: 18.47 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.01 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

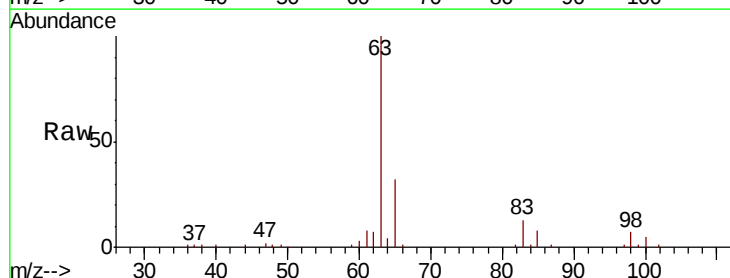
Tgt Ion: 63 Resp: 32083

Ion Ratio Lower Upper

63 100

98 6.6 4.0 12.0

100 4.9 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

15000

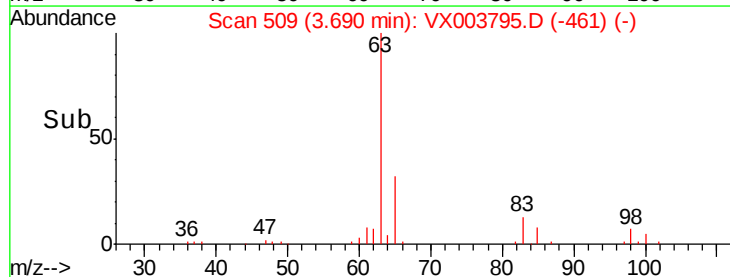
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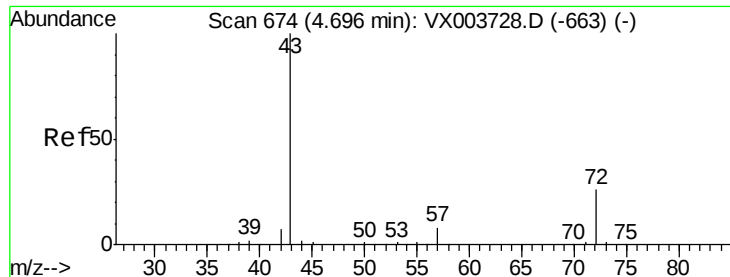
5000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 88.32 ug/l

RT: 4.70 min Scan# 674

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

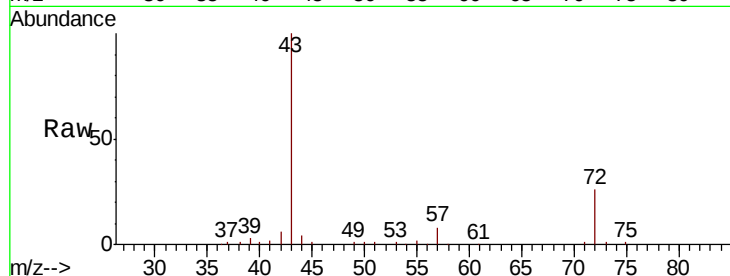
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 51809

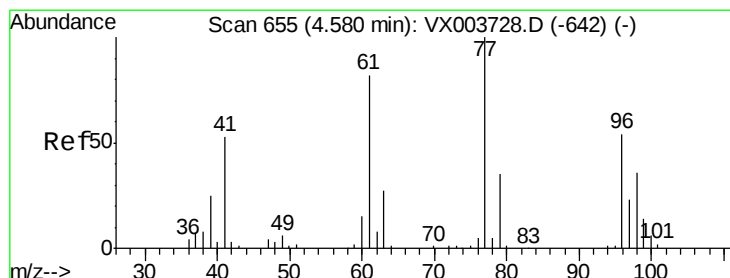
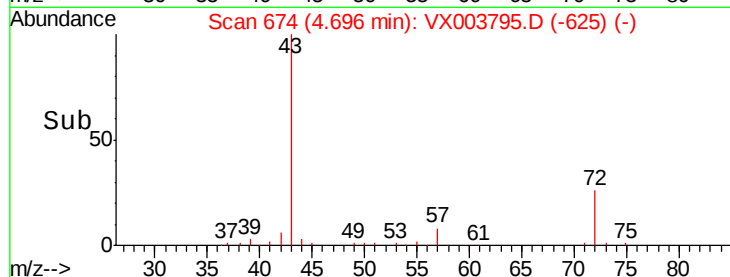
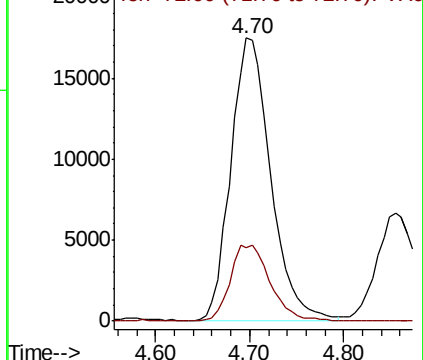
Ion Ratio Lower Upper

43 100

72 25.9 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: 19.94 ug/l

RT: 4.58 min Scan# 655

Delta R.T. 0.00 min

Lab File: VX003795.D

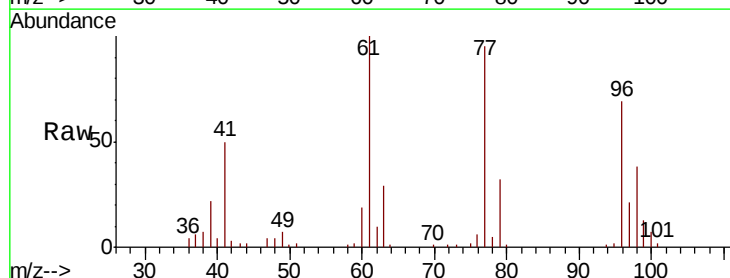
Acq: 01 Aug 2018 15:52

Tgt Ion: 77 Resp: 27286

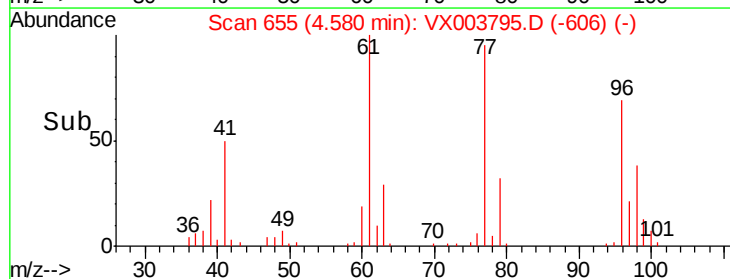
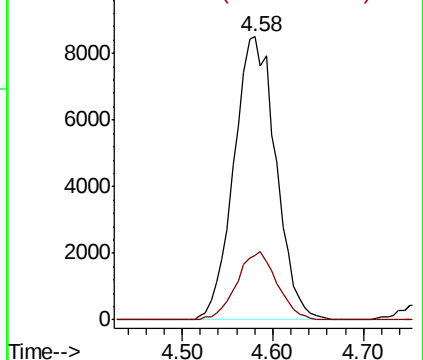
Ion Ratio Lower Upper

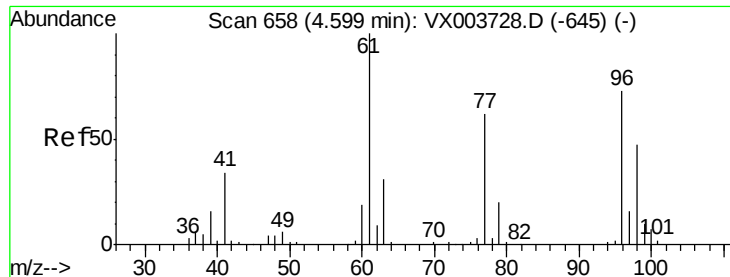
77 100

97 23.1 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0
Ion 96.90 (96.60 to 97.60): VX0



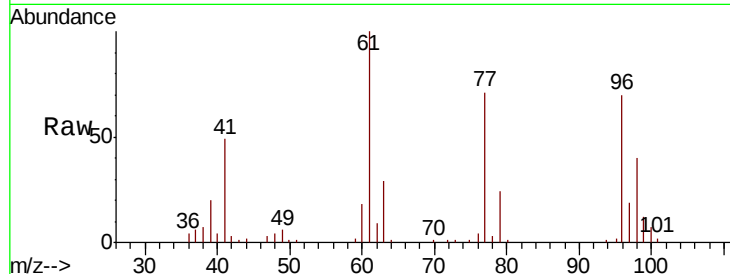


#27

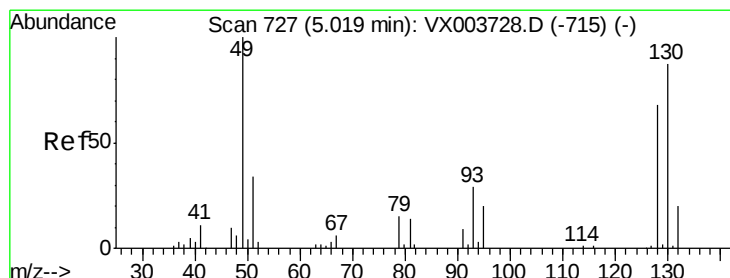
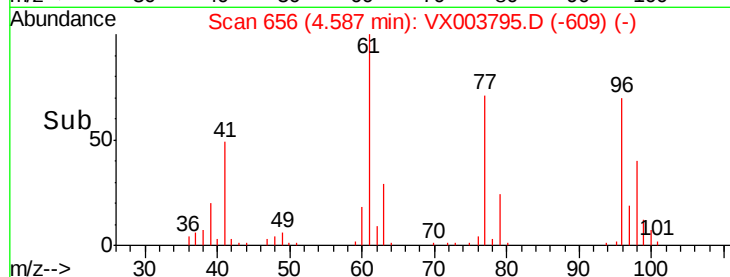
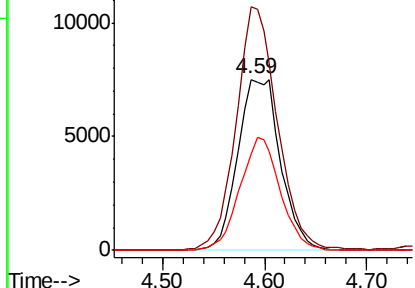
cis-1,2-Dichloroethene
Concen: 19.84 ug/l
RT: 4.59 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 21814
Ion Ratio Lower Upper
96 100
61 138.1 0.0 285.6
98 62.3 0.0 131.0



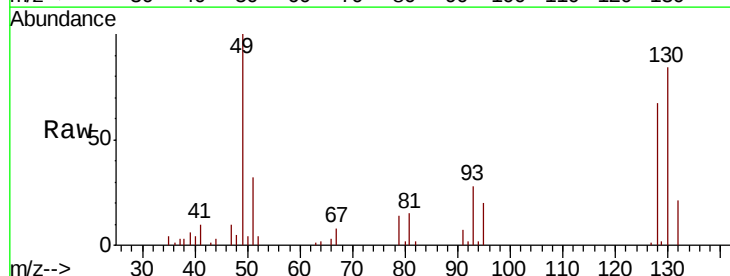
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



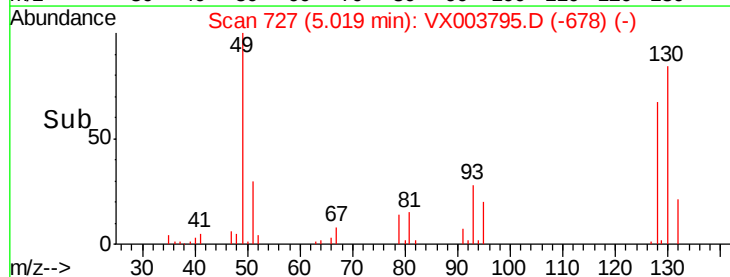
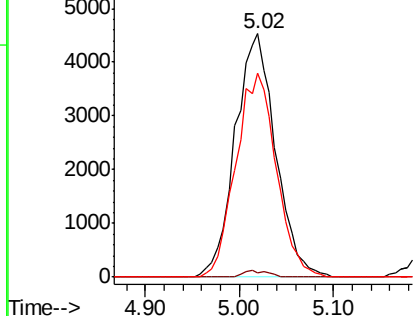
#28

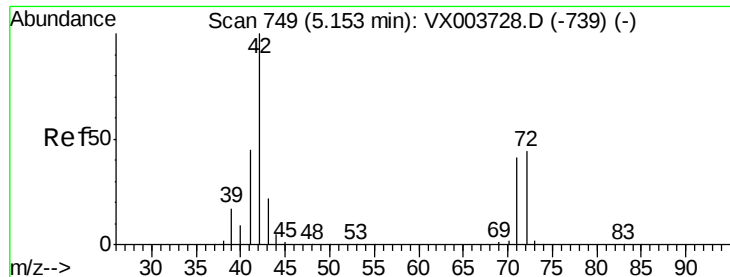
Bromochloromethane
Concen: 17.42 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Tgt Ion: 49 Resp: 13575
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.0
130 83.8 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

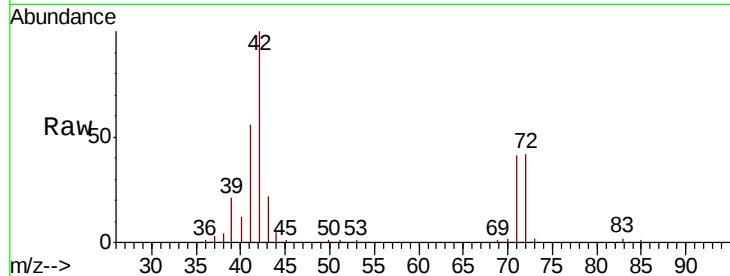




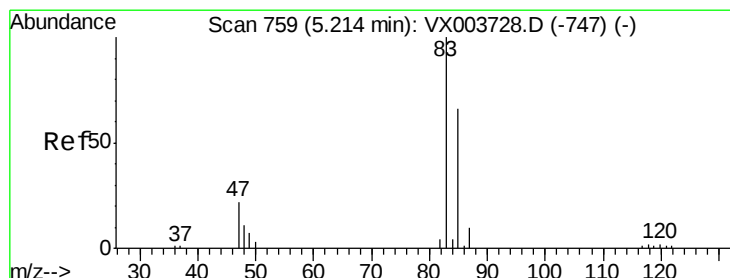
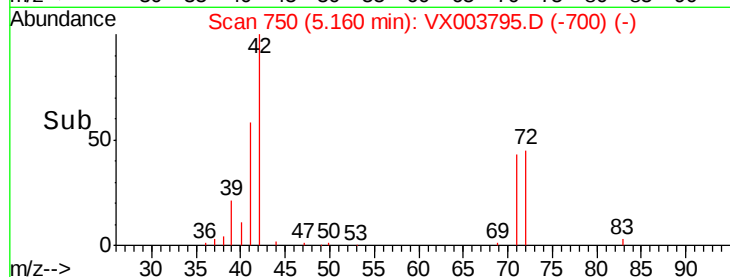
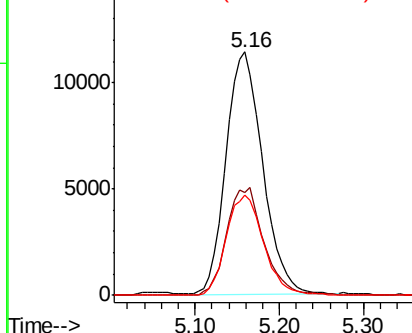
#29
Tetrahydrofuran
Concen: 90.79 ug/l
RT: 5.16 min Scan# 750
Delta R.T. 0.01 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 42 Resp: 33941
Ion Ratio Lower Upper
42 100
72 45.0 35.6 53.4
71 41.7 33.4 50.0

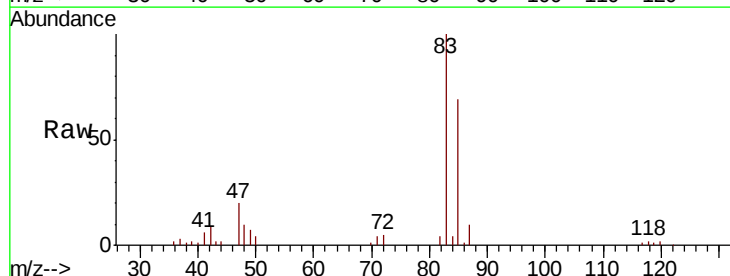


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

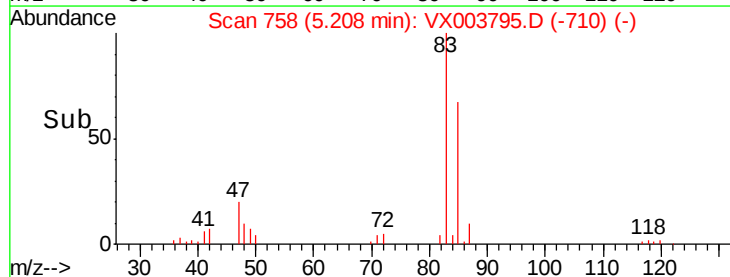
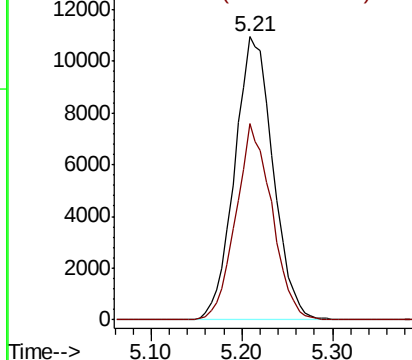


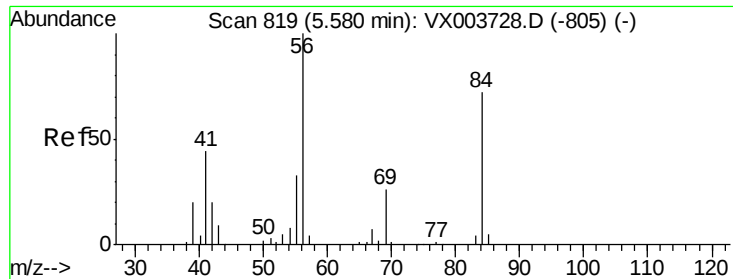
#30
Chloroform
Concen: 18.74 ug/l
RT: 5.21 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Tgt Ion: 83 Resp: 32078
Ion Ratio Lower Upper
83 100
85 69.4 52.8 79.2



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

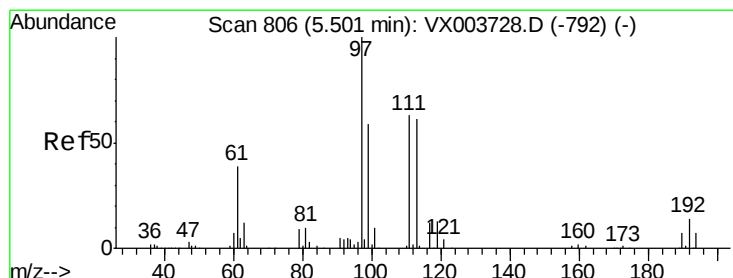
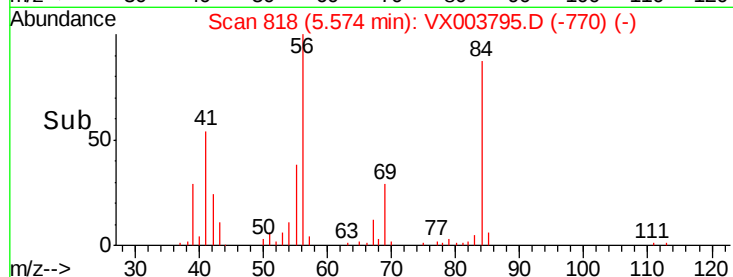
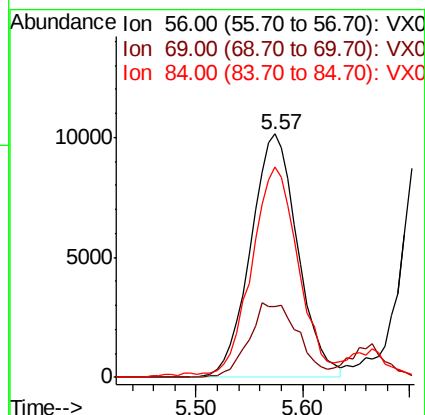
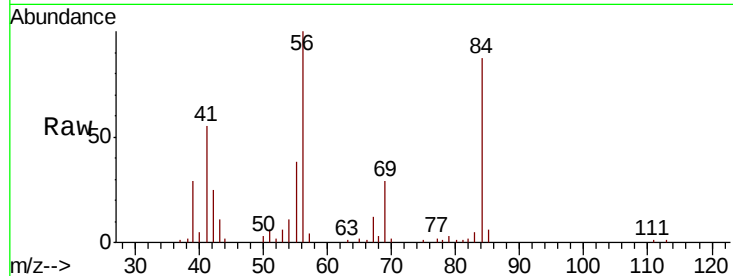




#31
Cyclohexane
Concen: 18.69 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

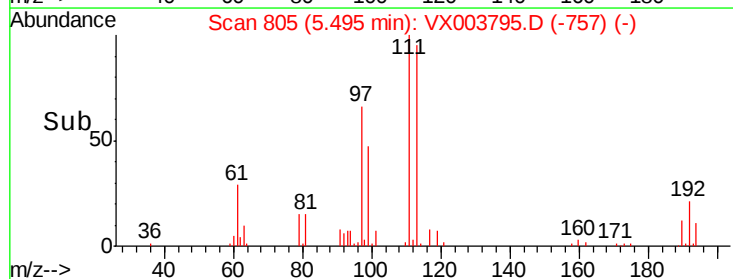
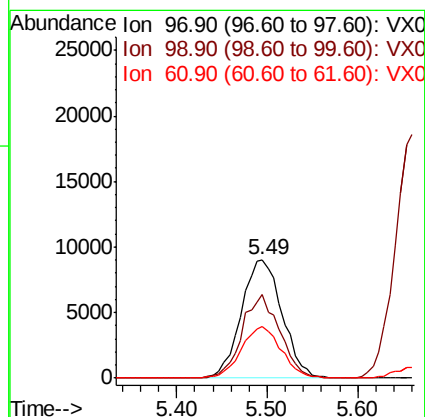
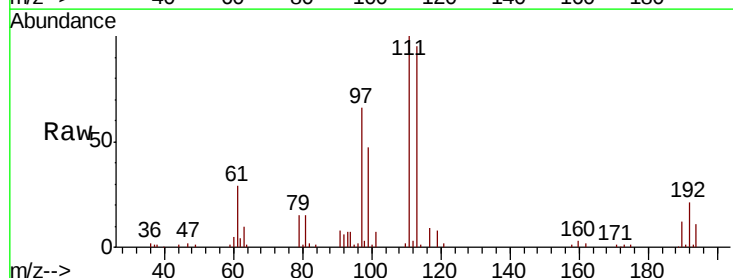
Instrument :
MSVOA_X
ClientSampleId :

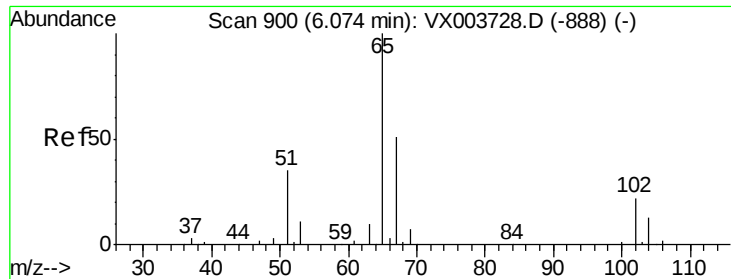
Tot Ion: 56 Resp: 31369
Ion Ratio Lower Upper
56 100
69 29.2 20.6 30.8
84 84.8 57.9 86.9



#32
1,1,1-Trichloroethane
Concen: 19.23 ug/l
RT: 5.49 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Tgt Ion: 97 Resp: 28291
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.2
61 42.5 33.4 50.2

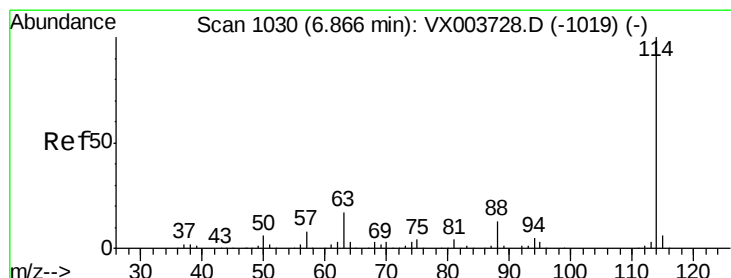
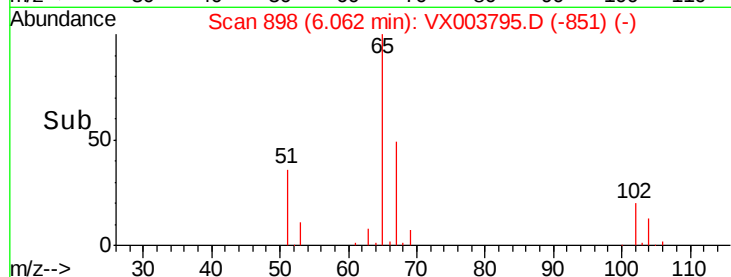
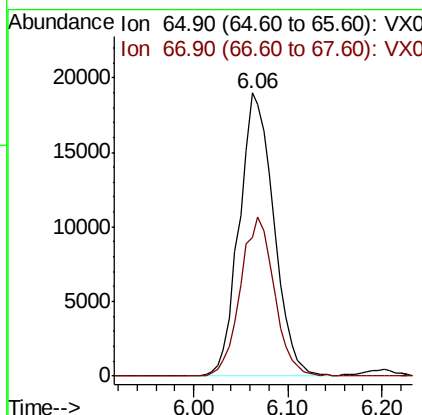
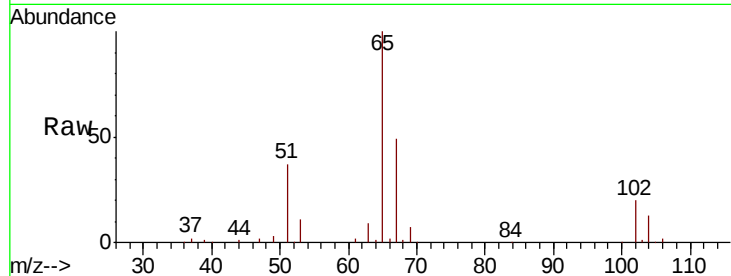




#33
 1,2-Dichloroethane-d4
 Concen: 45.98 ug/l
 RT: 6.06 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

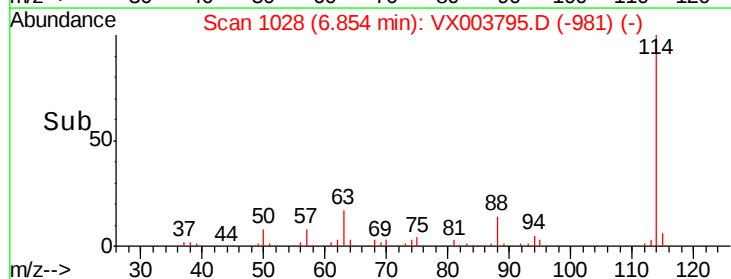
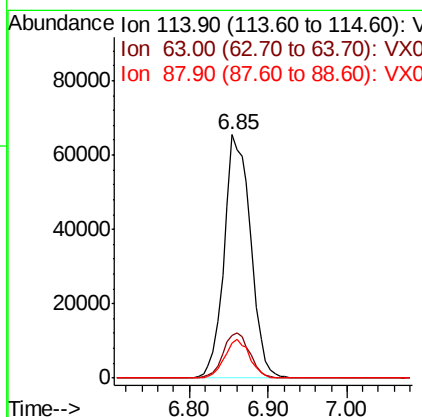
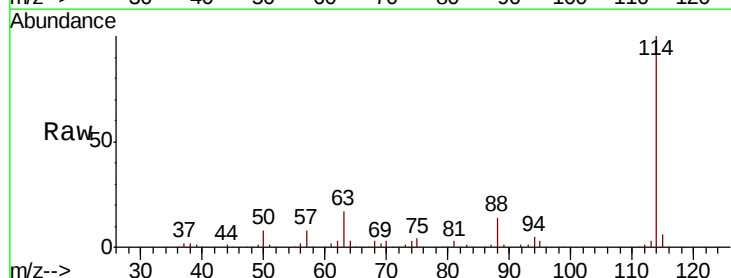
Instrument :
 MSVOA_X
 ClientSampleId :

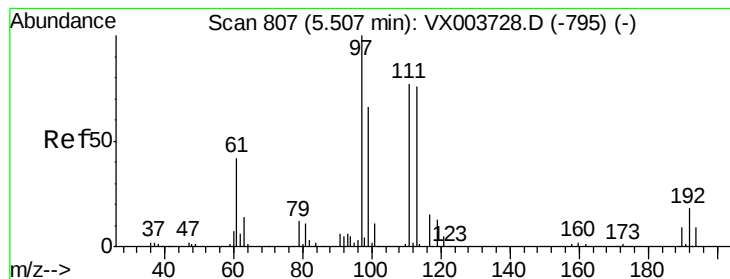
Tot Ion: 65 Resp: 48442
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.85 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

Tgt Ion: 114 Resp: 152522
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 34.0
 88 14.1 0.0 26.4





#35

Dibromofluoromethane

Concen: 45.63 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

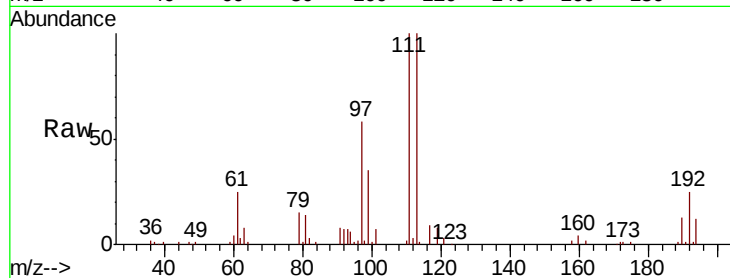
Tot Ion:113 Resp: 40982

Ion Ratio Lower Upper

113 100

111 103.2 81.8 122.6

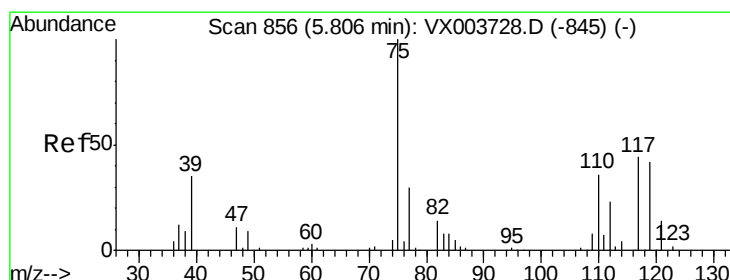
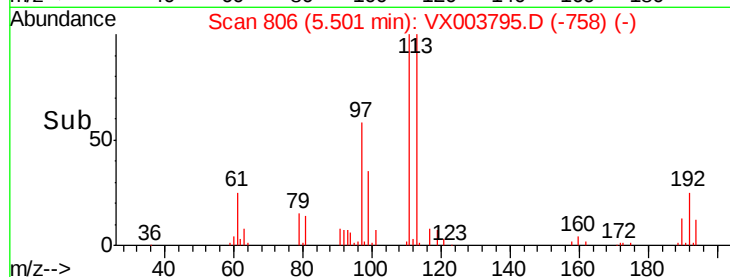
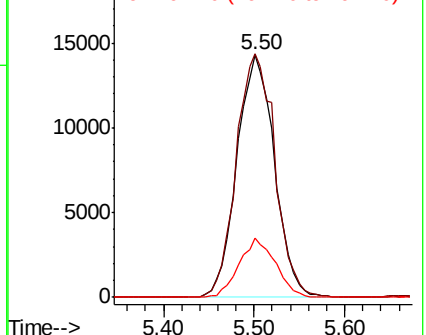
192 23.7 18.8 28.2



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: 18.58 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.01 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

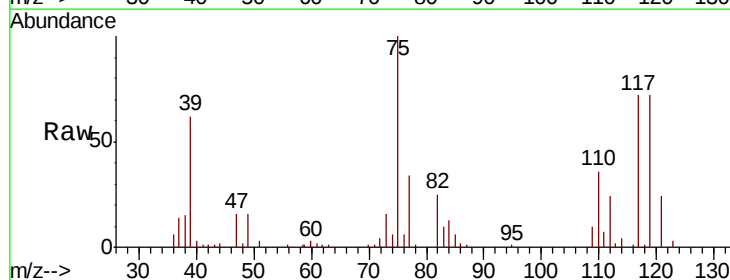
Tgt Ion: 75 Resp: 26543

Ion Ratio Lower Upper

75 100

110 37.5 18.3 54.8

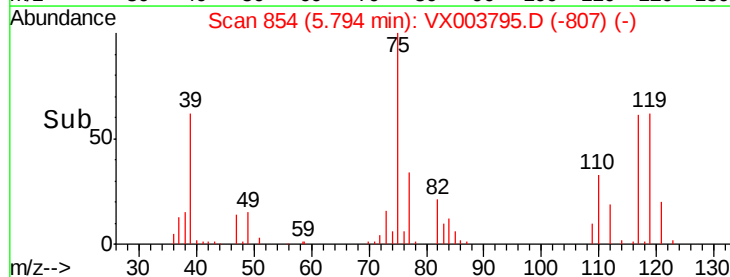
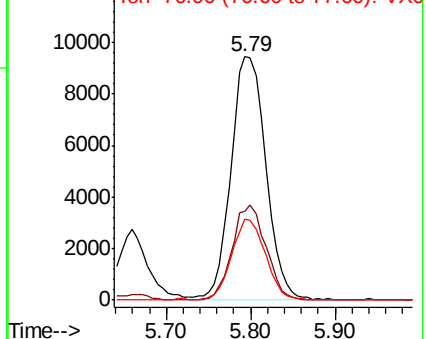
77 32.1 25.1 37.7

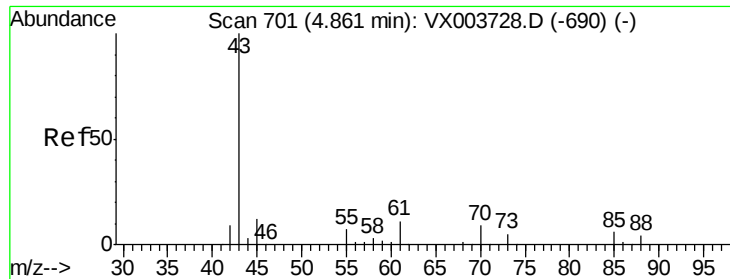


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

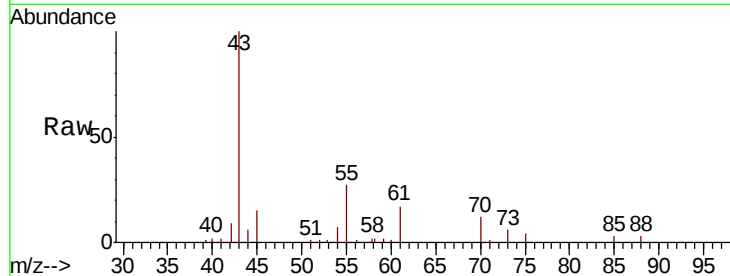




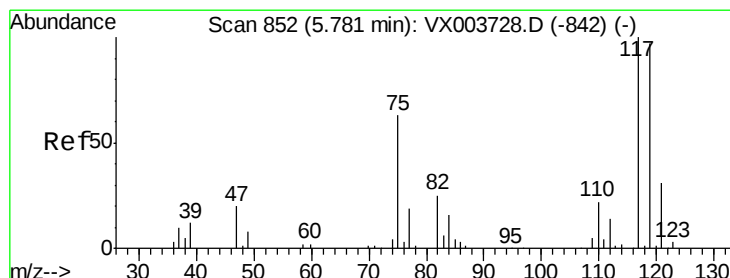
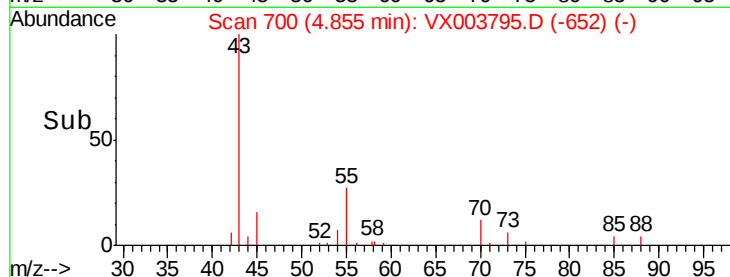
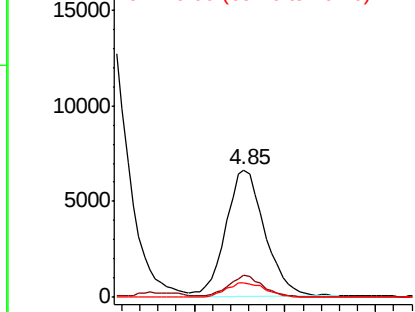
#37
Ethyl Acetate
Concen: 17.98 ug/l
RT: 4.85 min Scan# 700
Delta R.T. -0.01 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 19733
Ion Ratio Lower Upper
43 100
61 15.4 11.4 17.0
70 11.4 8.2 12.2

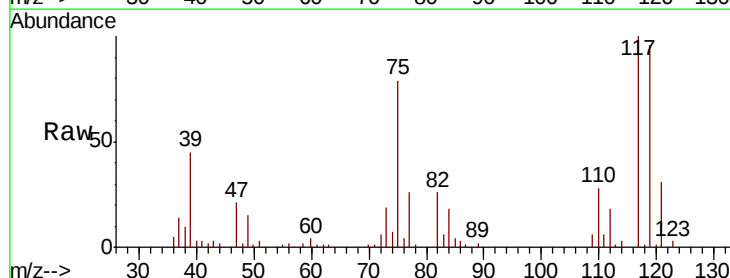


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

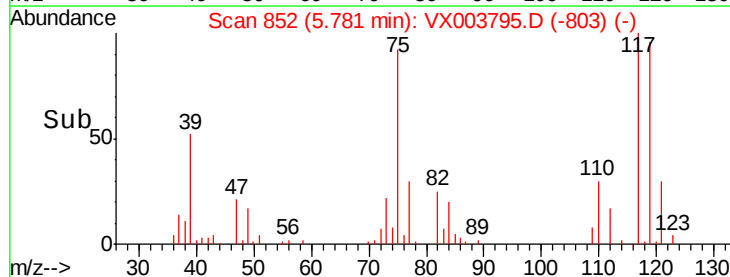
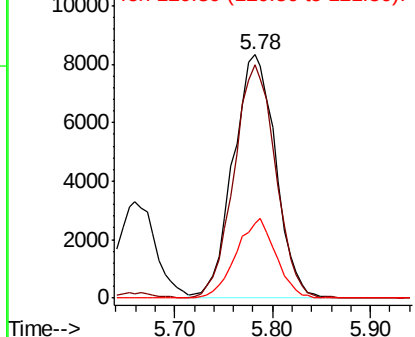


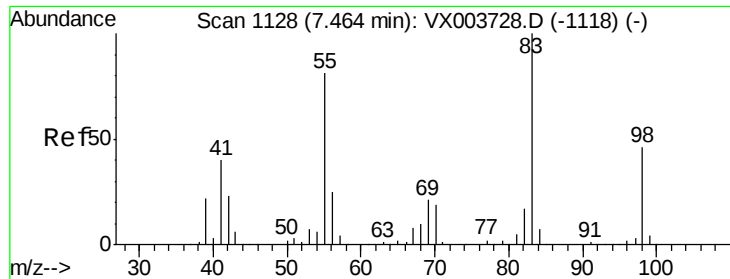
#38
Carbon Tetrachloride
Concen: 18.99 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Tgt Ion: 117 Resp: 25090
Ion Ratio Lower Upper
117 100
119 96.0 77.2 115.8
121 30.6 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

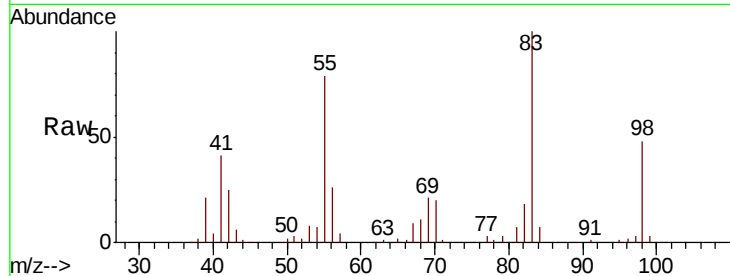




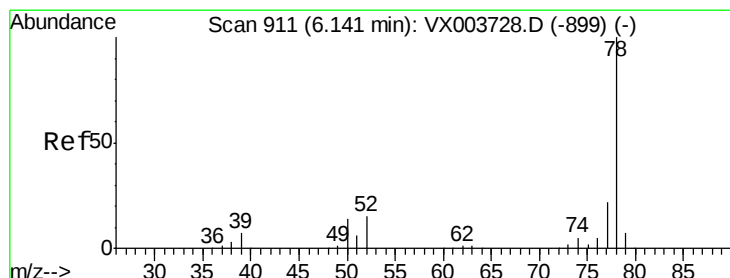
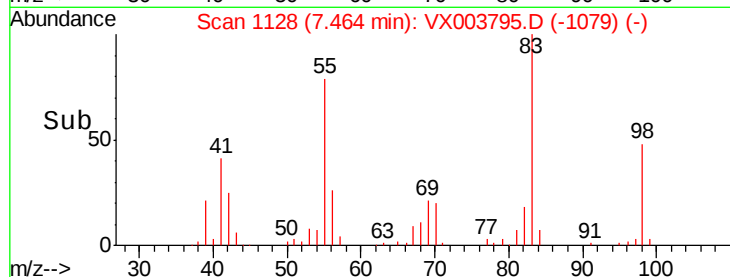
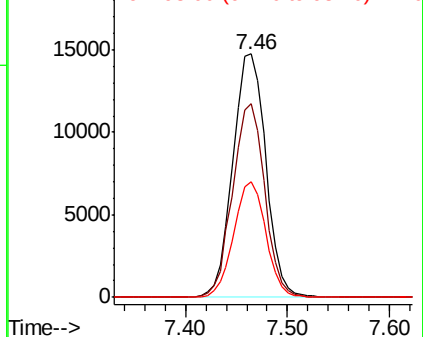
#39
Methvlcvclohexane
Concen: 18.89 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 33118
Ion Ratio Lower Upper
83 100
55 79.4 65.0 97.6
98 47.7 37.1 55.7

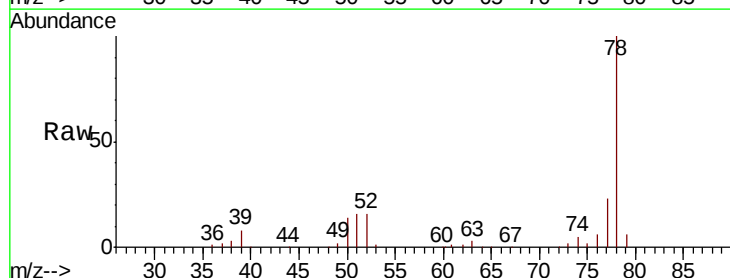


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

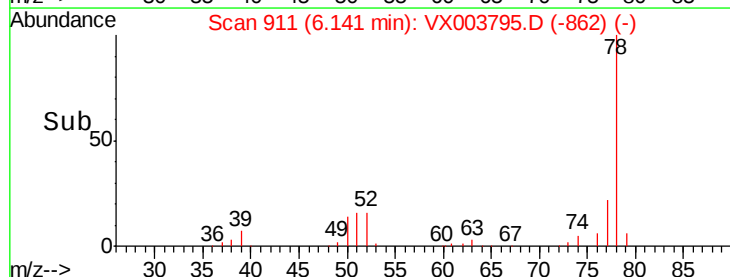
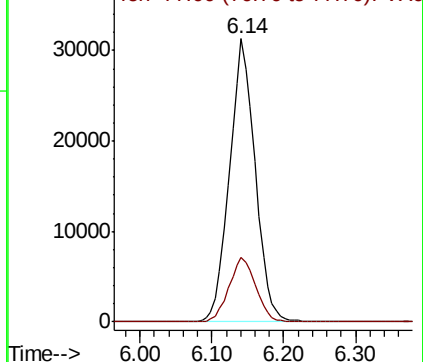


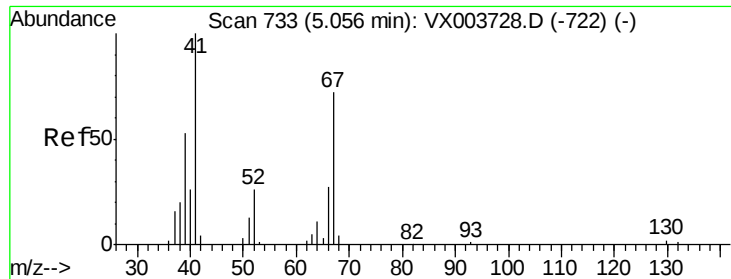
#40
Benzene
Concen: 18.92 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Tgt Ion: 78 Resp: 77425
Ion Ratio Lower Upper
78 100
77 22.9 17.9 26.9



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

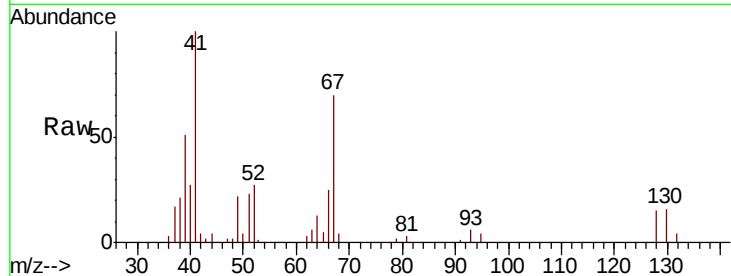




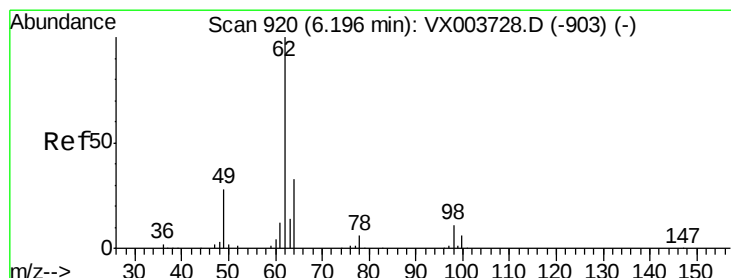
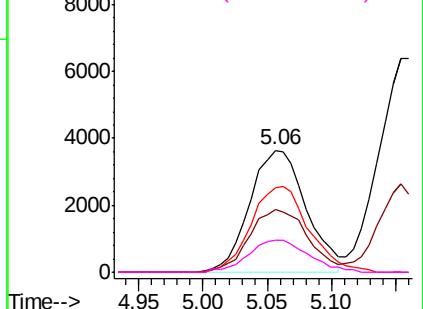
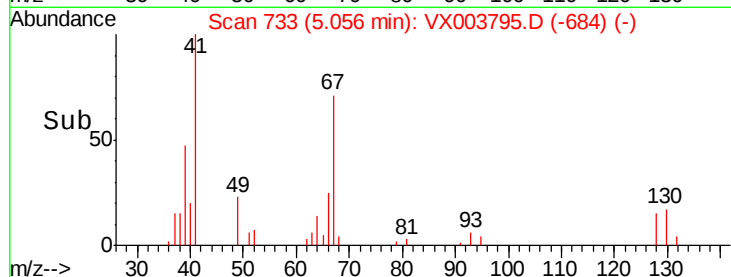
#41
Methacrylonitrile
Concen: 17.88 ug/l
RT: 5.06 min Scan# 733
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	11059
Ion	Ratio	Lower	Upper
41	100		
39	53.5	42.6	64.0
67	72.2	58.9	88.3
52	28.3	22.9	34.3

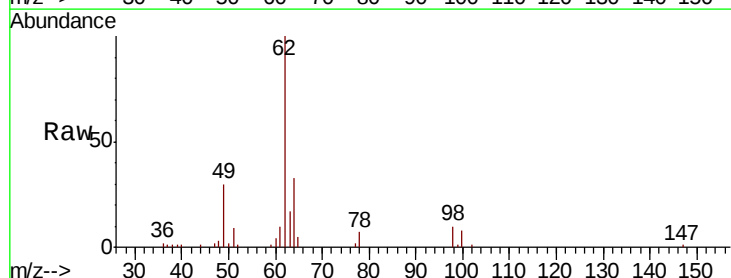


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

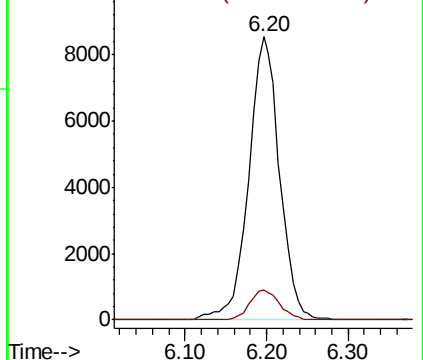
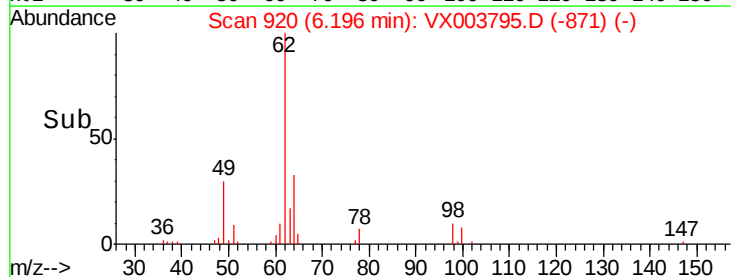


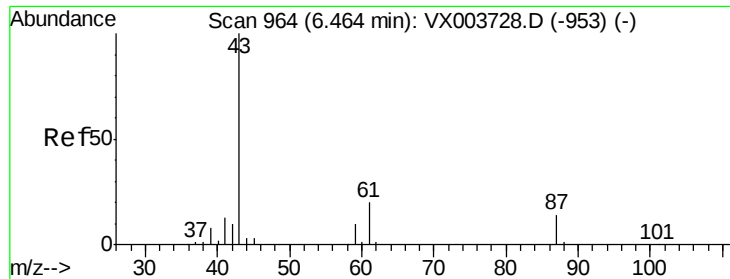
#42
1,2-Dichloroethane
Concen: 18.20 ug/l
RT: 6.20 min Scan# 920
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Tgt Ion:	62	Resp:	22505
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 17.57 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

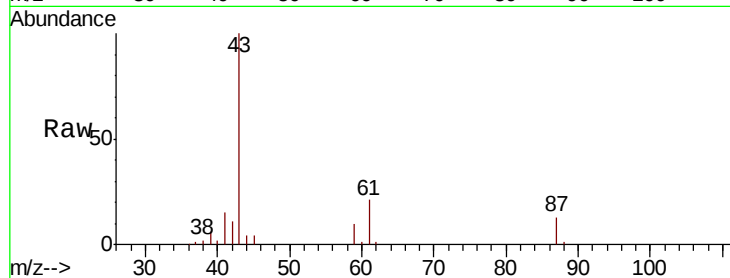
Tot Ion: 43 Resp: 30715

Ion Ratio Lower Upper

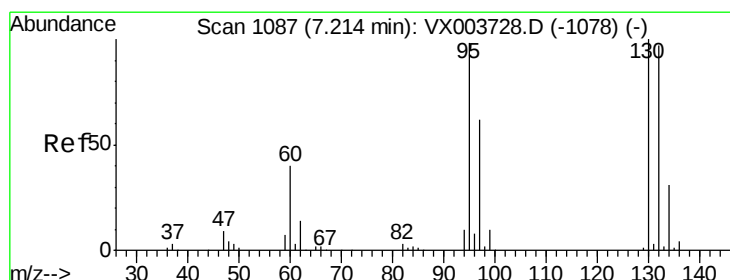
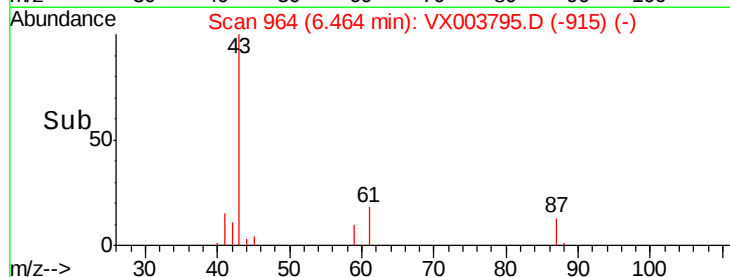
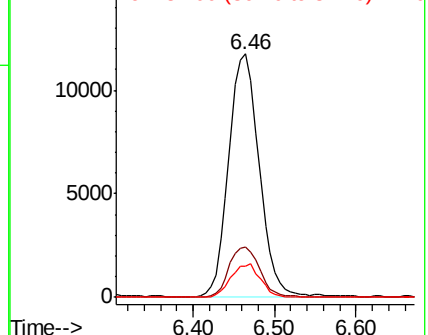
43 100

61 20.6 16.5 24.7

87 13.0 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: 18.47 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003795.D

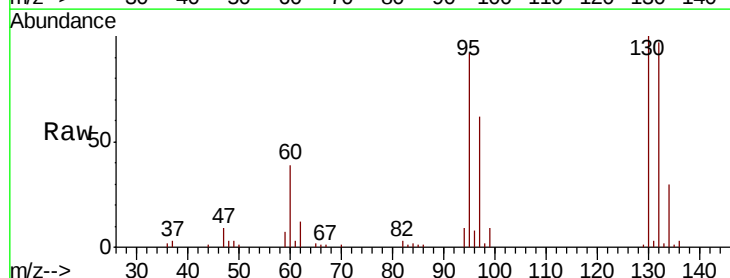
Acq: 01 Aug 2018 15:52

Tgt Ion:130 Resp: 21561

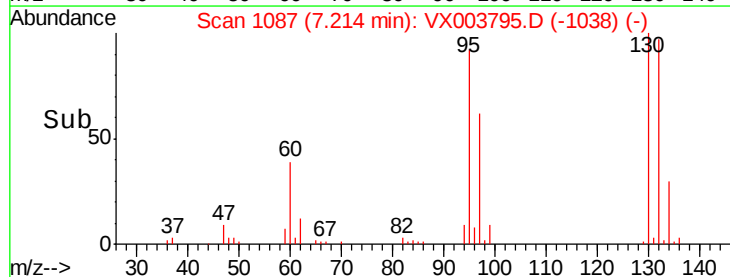
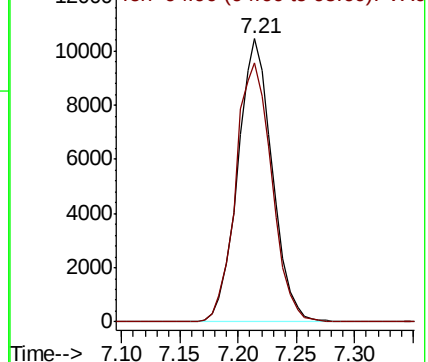
Ion Ratio Lower Upper

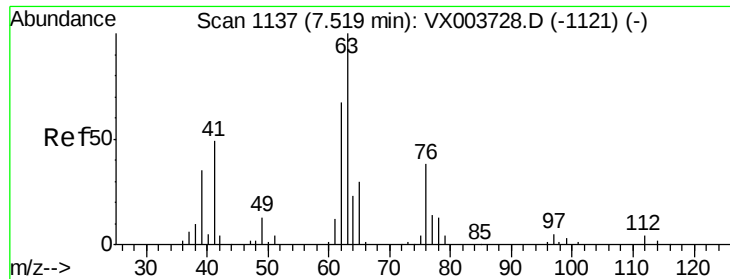
130 100

95 91.7 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: 18.74 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

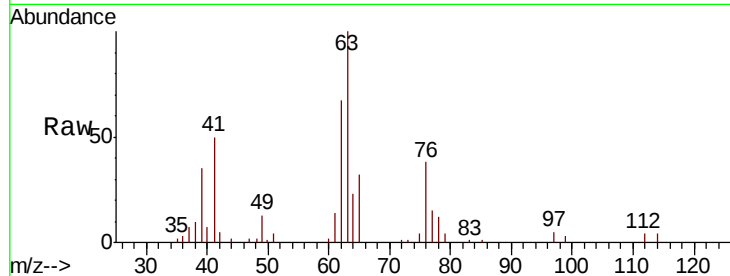
ClientSampleId :

Tot Ion: 63 Resp: 18861

Ion Ratio Lower Upper

63 100

65 31.7 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

10000

8000

6000

4000

2000

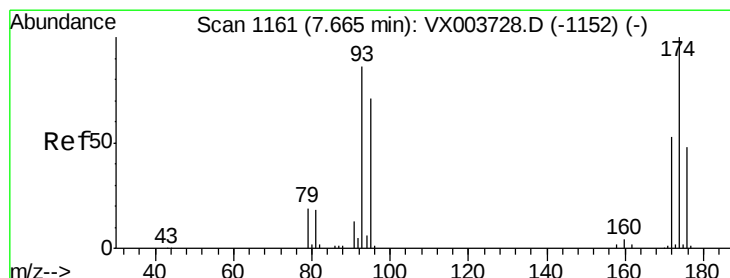
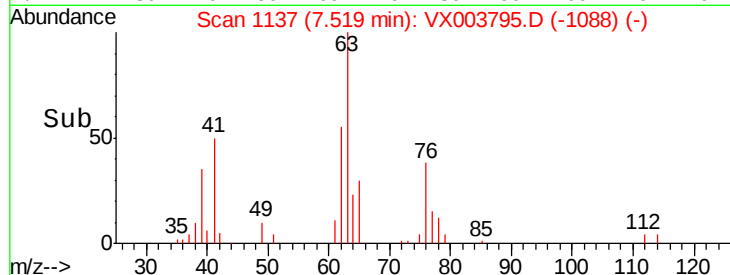
0

7.40

7.50

7.60

Time-->



#46

Dibromomethane

Concen: 17.19 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

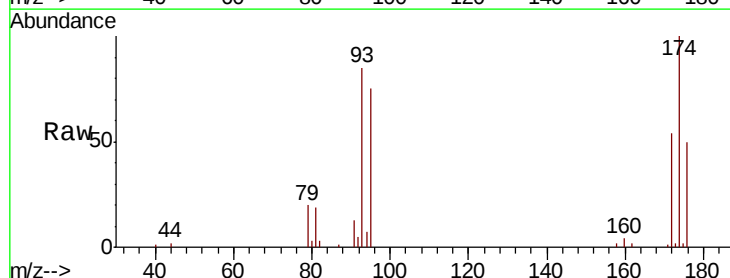
Tgt Ion: 93 Resp: 9970

Ion Ratio Lower Upper

93 100

95 83.2 68.1 102.1

174 119.2 96.2 144.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

8000

6000

4000

2000

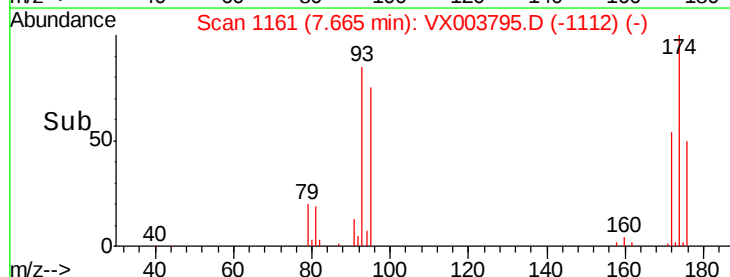
0

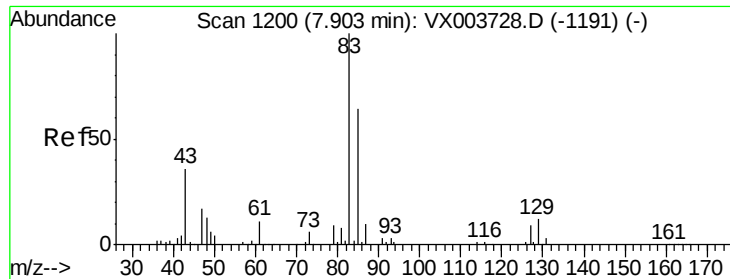
7.60

7.65

7.70

Time-->





#47

Bromodichloromethane

Concen: 18.31 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

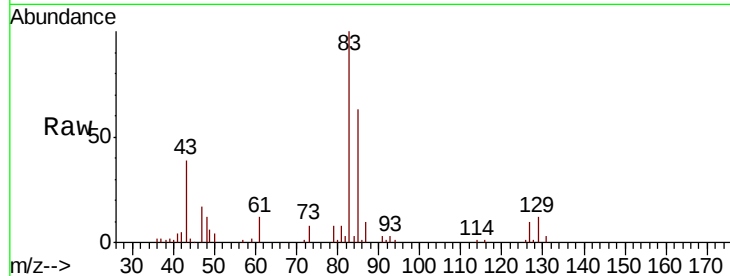
Tot Ion: 83 Resp: 21165

Ion Ratio Lower Upper

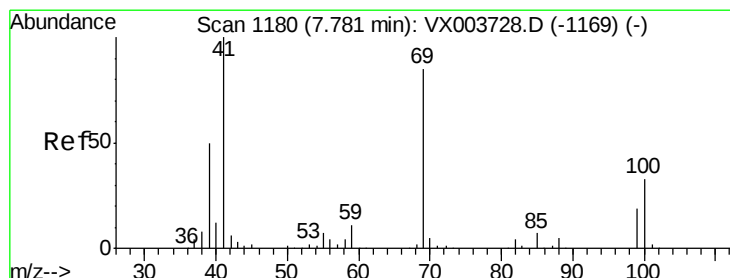
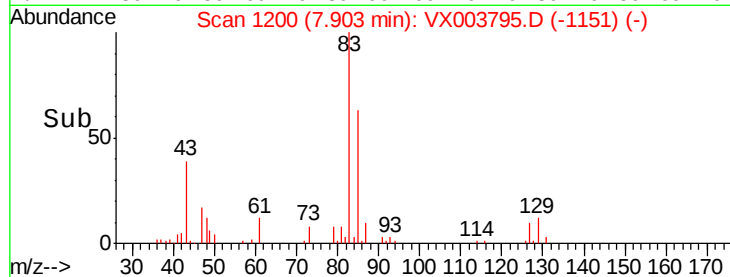
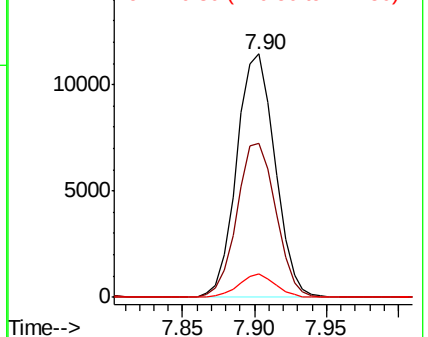
83 100

85 63.4 51.1 76.7

127 9.6 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: 17.34 ug/l

RT: 7.78 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

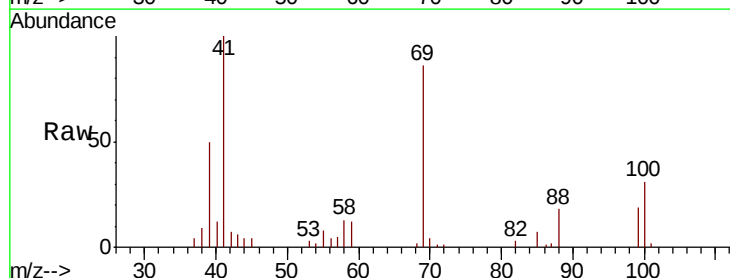
Tgt Ion: 41 Resp: 15206

Ion Ratio Lower Upper

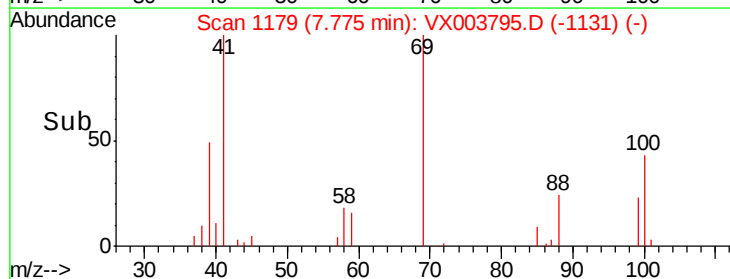
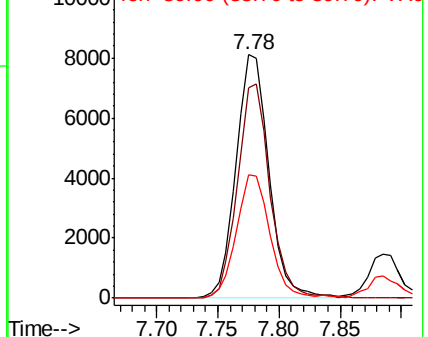
41 100

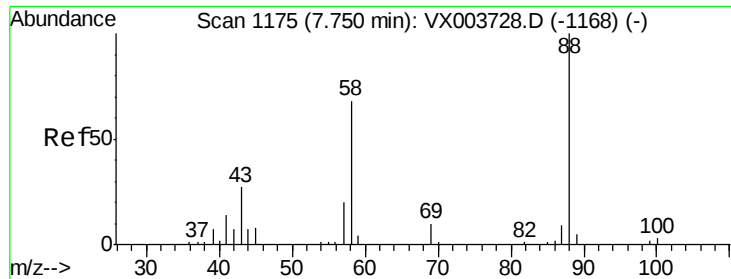
69 86.5 68.7 103.1

39 51.7 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: 396.81 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. 0.01 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :

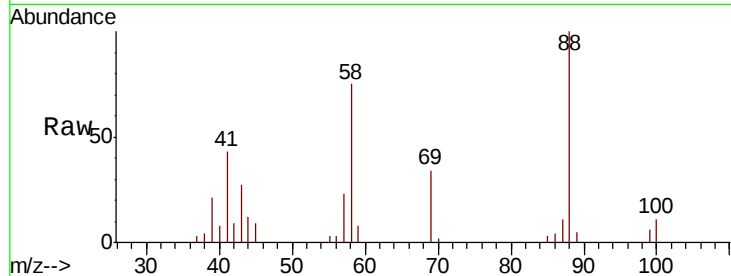
Tot Ion: 88 Resp: 7023

Ion Ratio Lower Upper

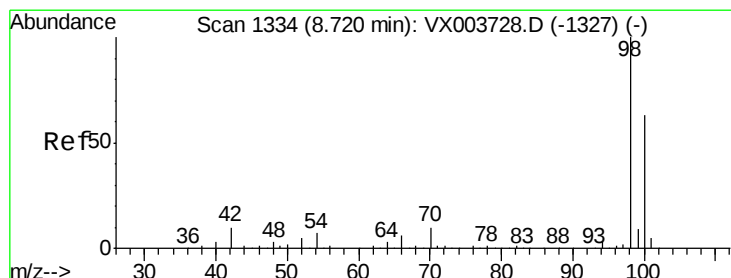
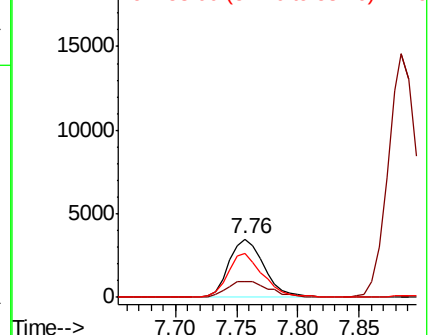
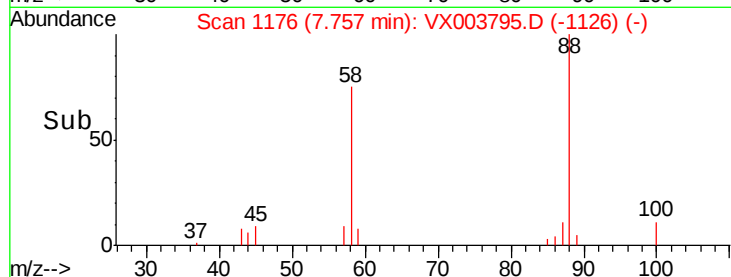
88 100

43 31.8 26.0 39.0

58 73.9 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: 45.92 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003795.D

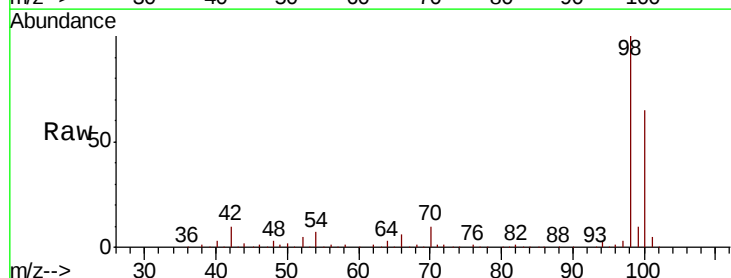
Acq: 01 Aug 2018 15:52

Tgt Ion: 98 Resp: 171956

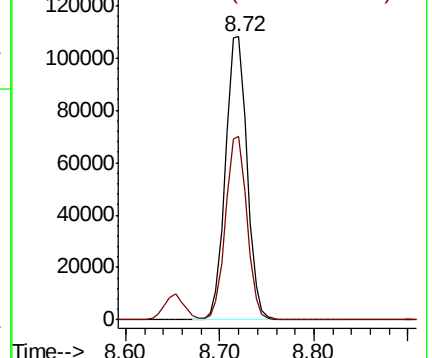
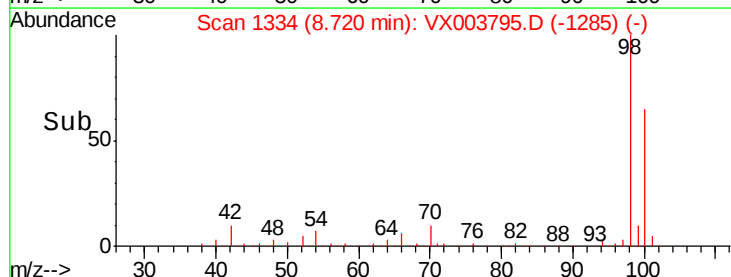
Ion Ratio Lower Upper

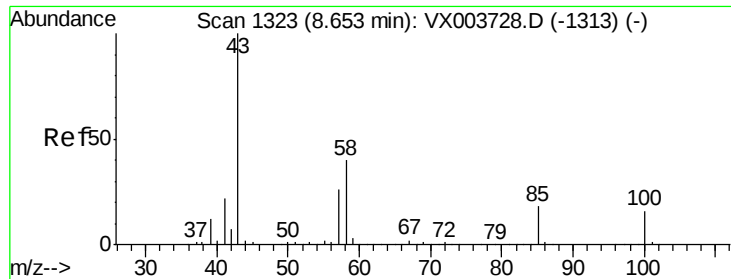
98 100

100 64.1 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: 89.74 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

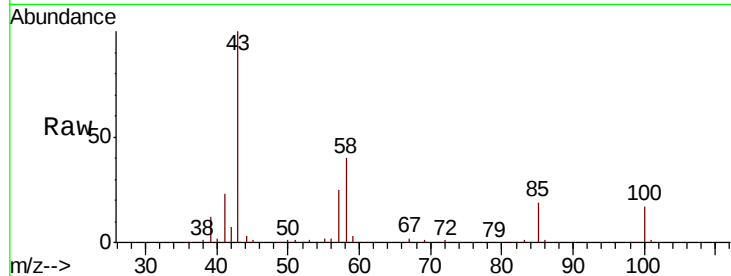
ClientSampleId :

Tot Ion: 43 Resp: 96417

Ion Ratio Lower Upper

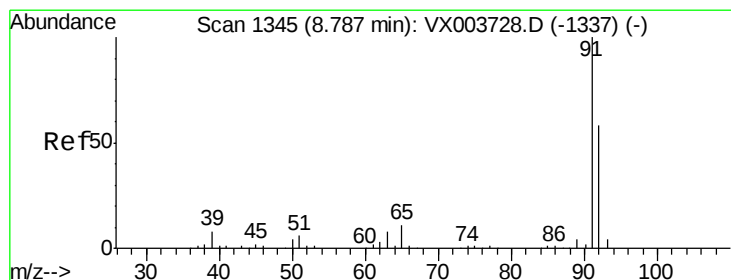
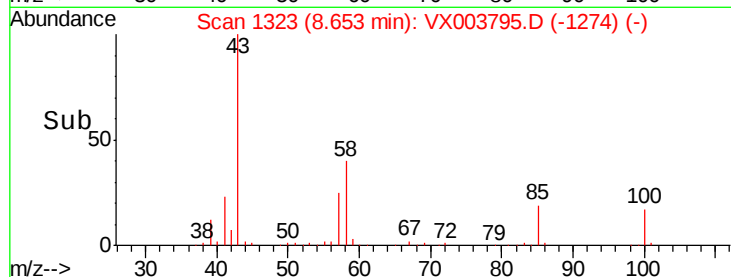
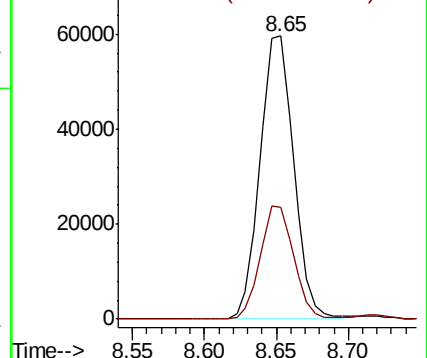
43 100

58 39.6 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: 18.94 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003795.D

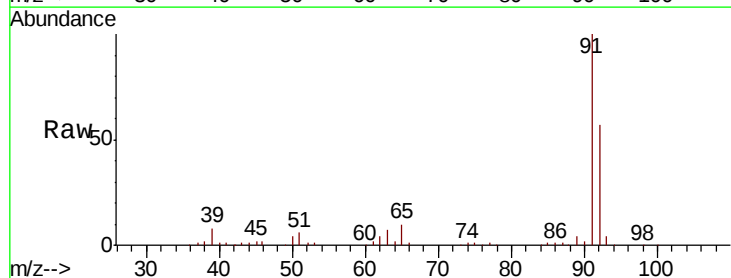
Acq: 01 Aug 2018 15:52

Tgt Ion: 92 Resp: 48351

Ion Ratio Lower Upper

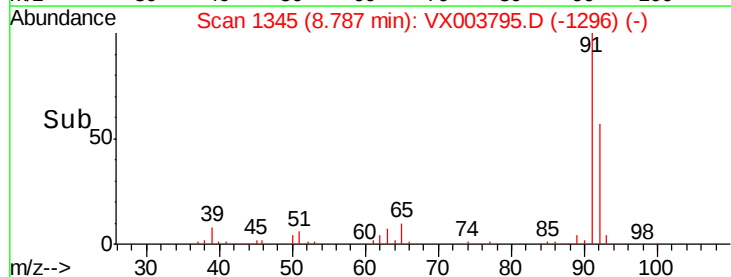
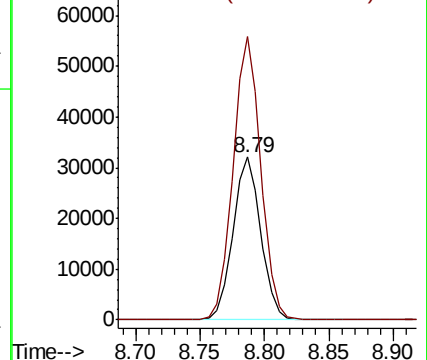
92 100

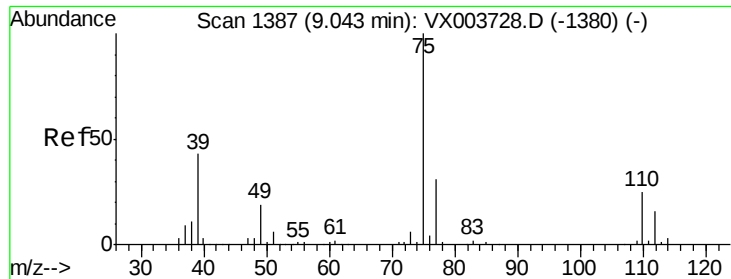
91 173.4 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

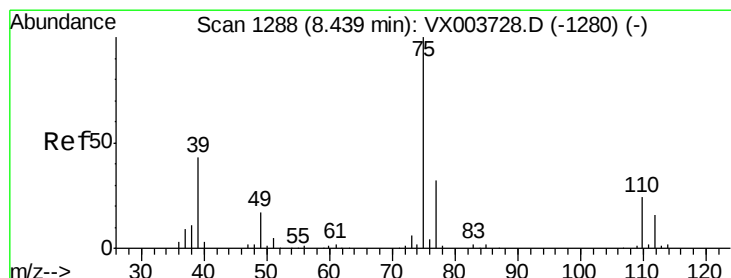
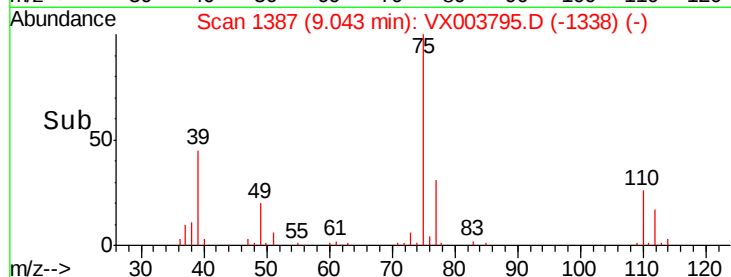
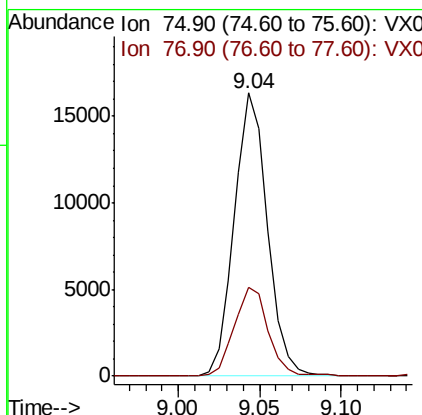
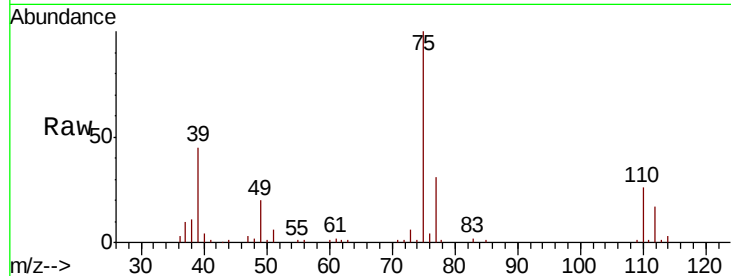




#53
 t-1,3-Dichloropropene
 Concen: 17.52 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

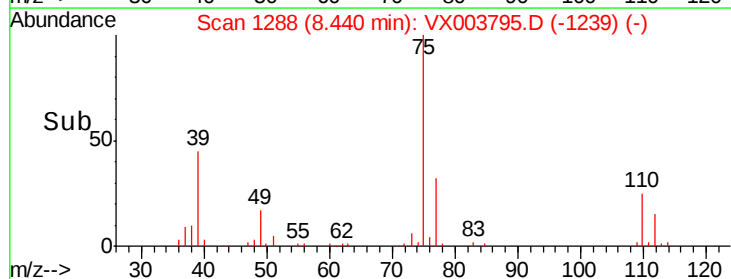
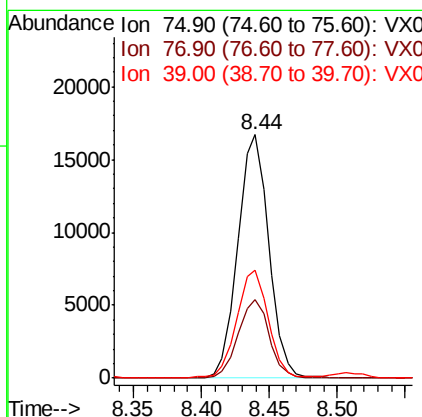
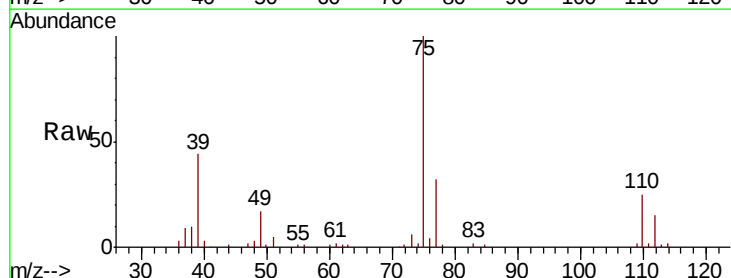
Instrument :
 MSVOA_X
 ClientSampleId :

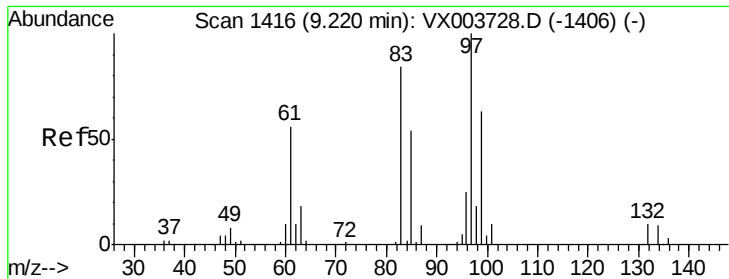
Tot Ion: 75 Resp: 23135
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 18.02 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

Tgt Ion: 75 Resp: 26519
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.3 37.9
 39 44.1 34.1 51.1

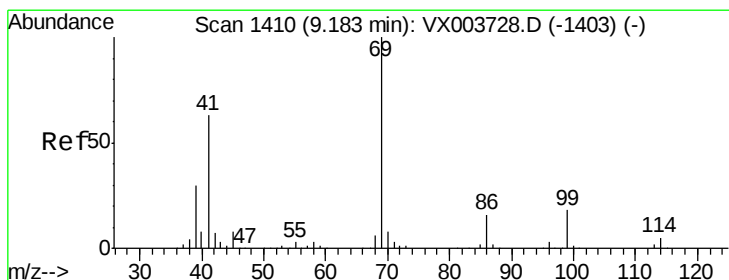
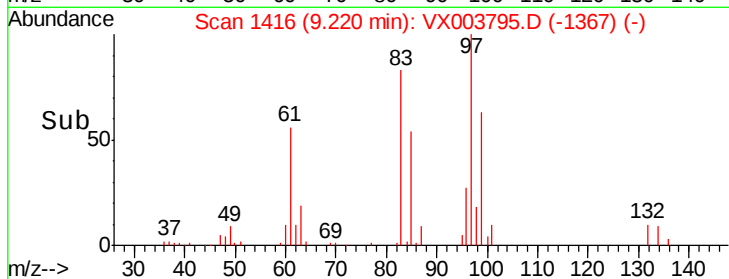
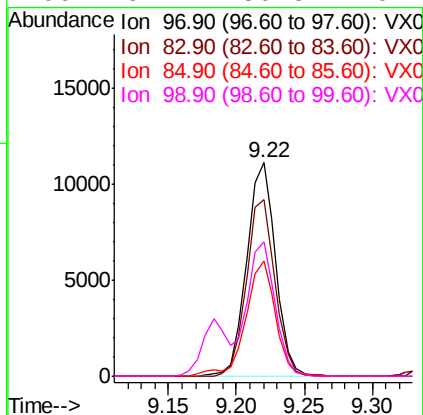
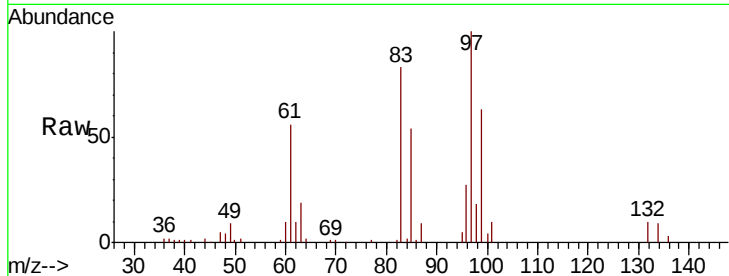




#55
 1,1,2-Trichloroethane
 Concen: 18.79 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

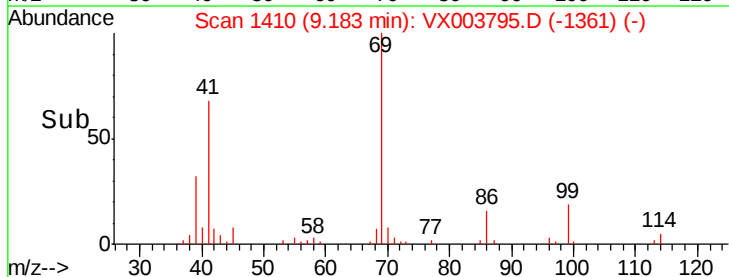
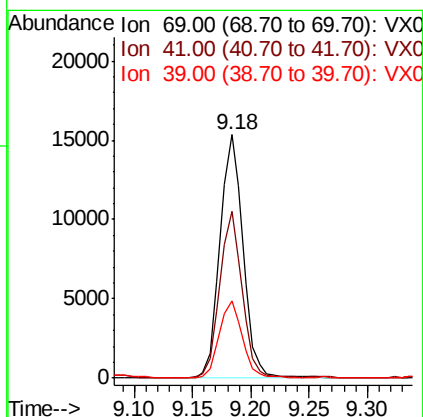
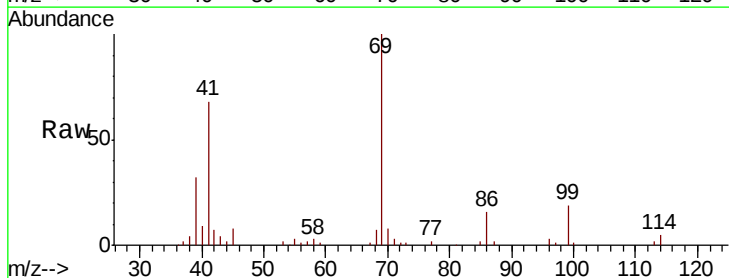
Instrument :
 MSVOA_X
 ClientSampleId :

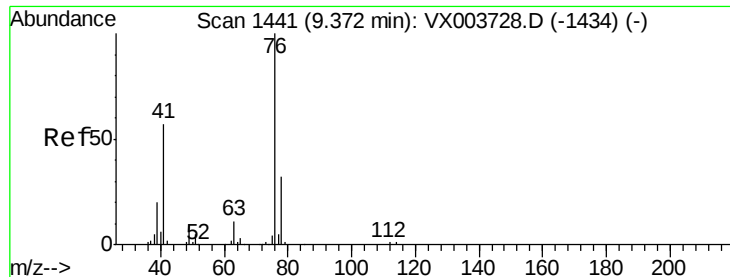
Tot Ion:	97	Resp:	16511
Ion	Ratio	Lower	Upper
97	100		
83	82.9	67.4	101.0
85	54.0	43.3	64.9
99	62.7	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 17.37 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

Tgt Ion:	69	Resp:	20965
Ion	Ratio	Lower	Upper
69	100		
41	66.7	51.6	77.4
39	32.2	25.1	37.7

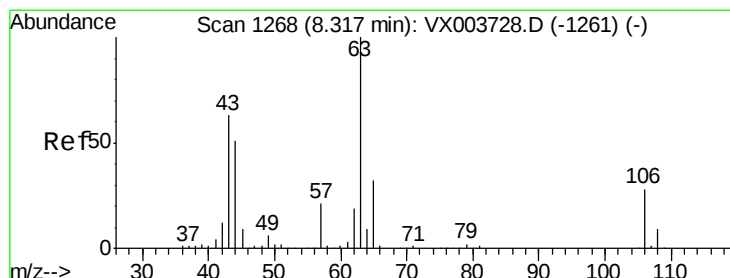
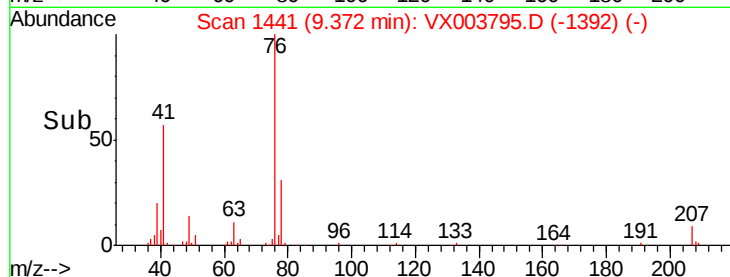
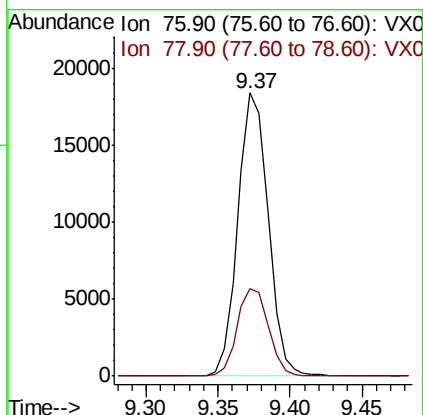
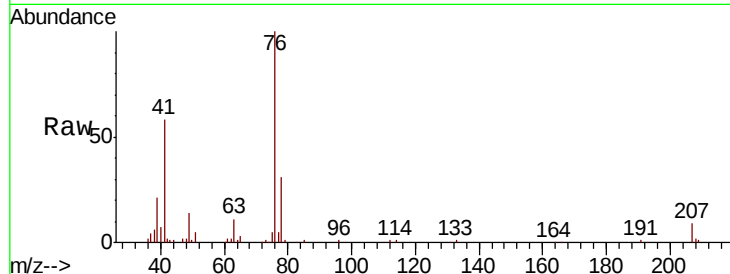




#57
 1,3-Dichloropropane
 Concen: 18.32 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

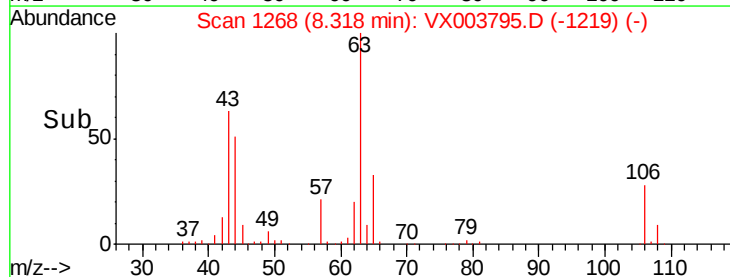
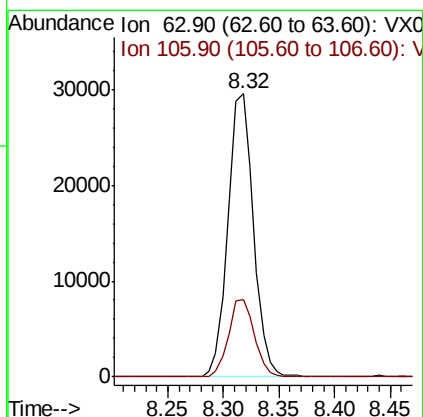
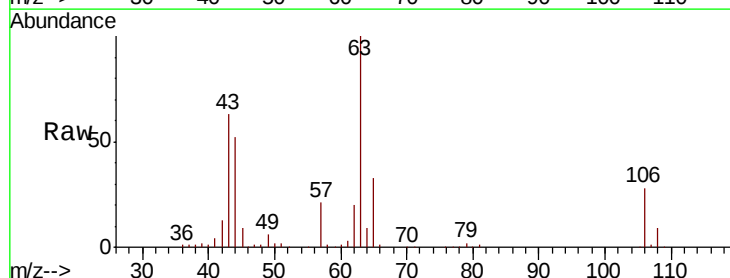
Instrument :
 MSVOA_X
 ClientSampled :

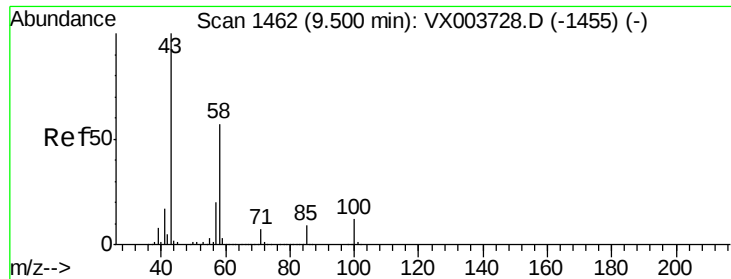
Tot Ion: 76 Resp: 27021
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 84.39 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

Tgt Ion: 63 Resp: 46990
 Ion Ratio Lower Upper
 63 100
 106 27.7 22.5 33.7

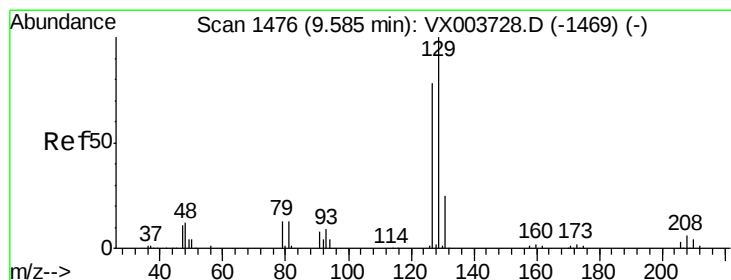
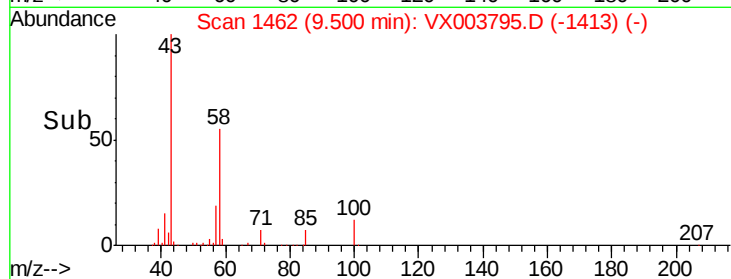
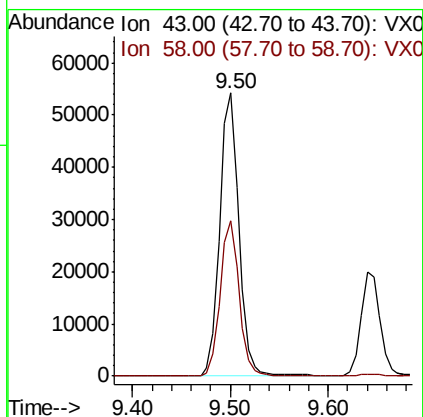
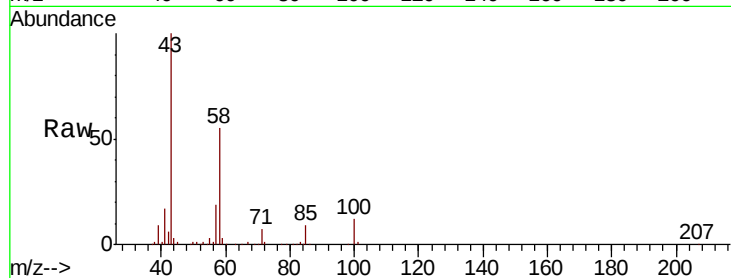




#59
2-Hexanone
Concen: 90.42 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

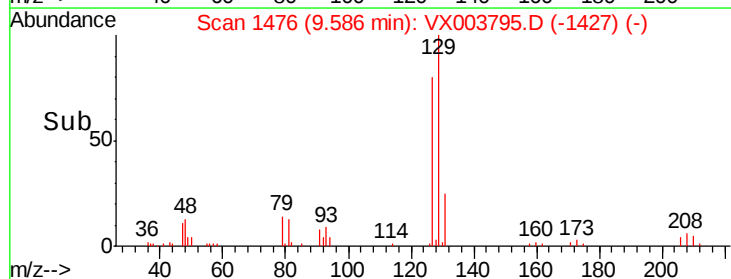
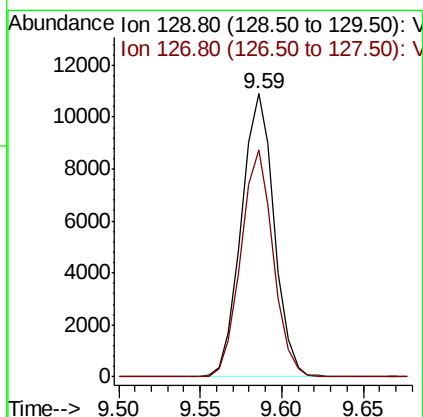
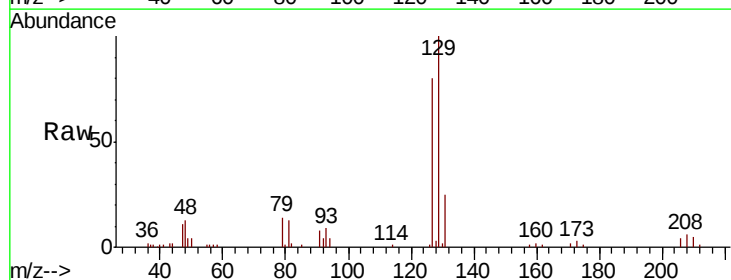
Instrument :
MSVOA_X
ClientSampleId :

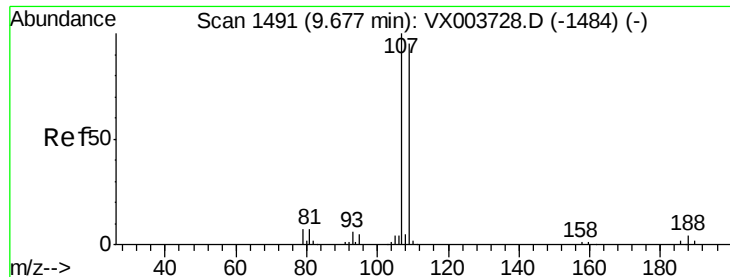
Tot Ion: 43 Resp: 74005
Ion Ratio Lower Upper
43 100
58 54.0 28.0 83.9



#60
Dibromochloromethane
Concen: 17.33 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Tgt Ion: 129 Resp: 15335
Ion Ratio Lower Upper
129 100
127 78.7 38.8 116.4





#61

1,2-Dibromoethane

Concen: 17.84 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.01 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

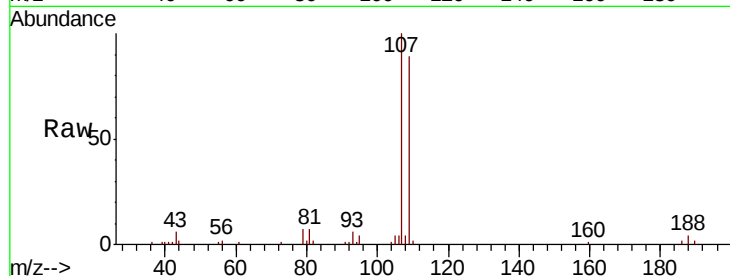
ClientSampleId :

Tot Ion:107 Resp: 16008

Ion Ratio Lower Upper

107 100

109 94.6 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

12000

10000

8000

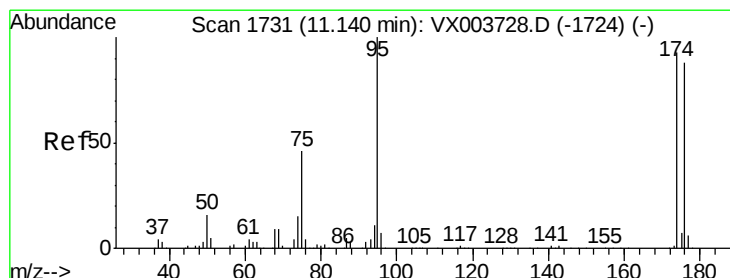
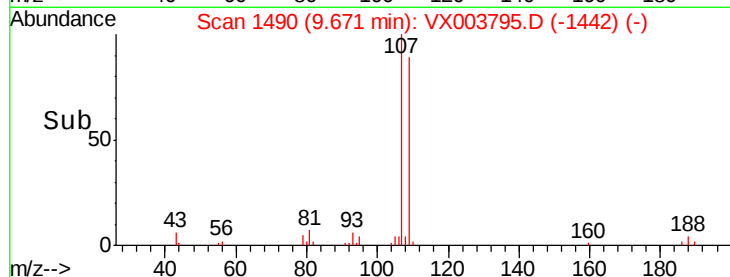
6000

4000

2000

0

Time--> 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 44.12 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

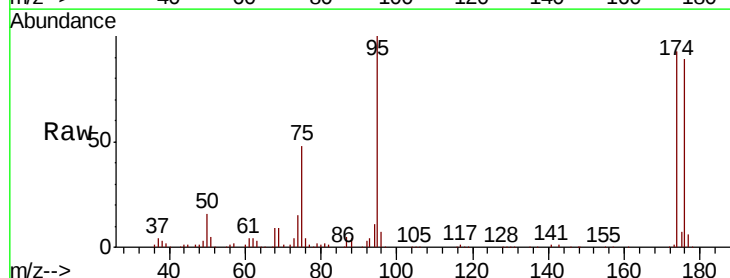
Tgt Ion: 95 Resp: 60907

Ion Ratio Lower Upper

95 100

174 93.4 0.0 186.2

176 90.7 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

11.14

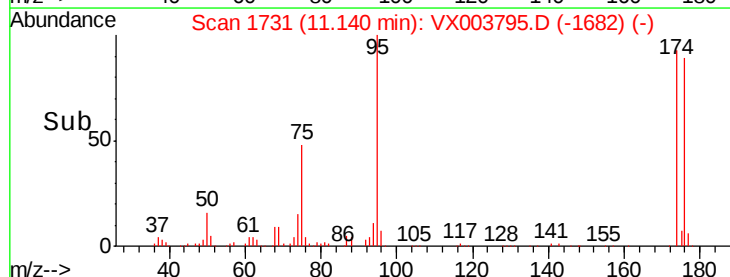
60000

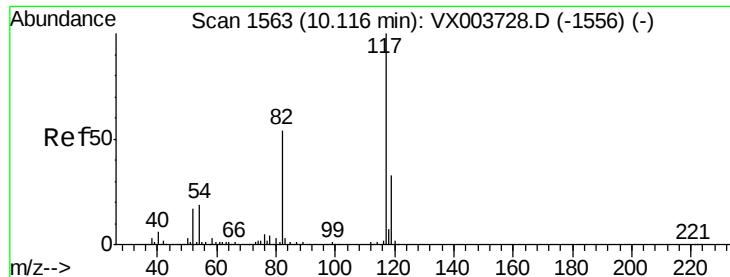
40000

20000

0

Time--> 11.05 11.10 11.15 11.20

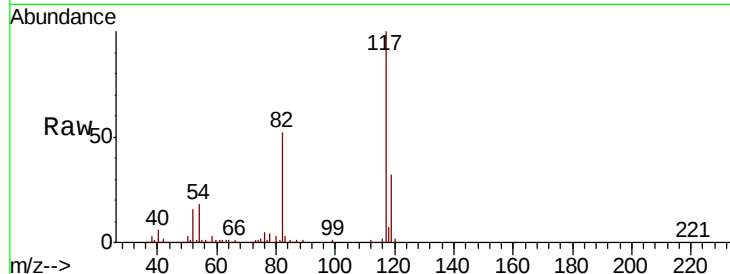




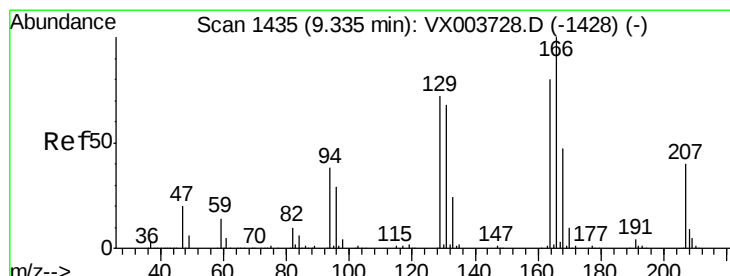
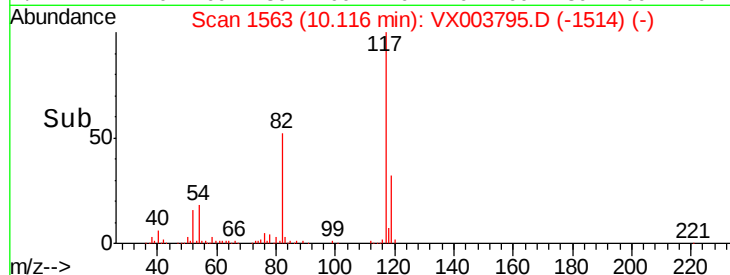
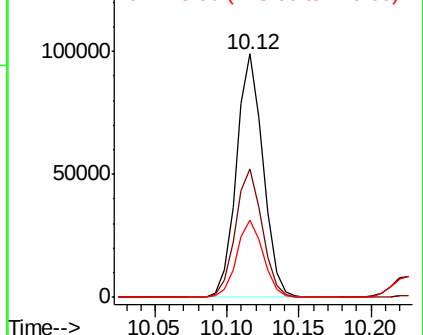
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	43.2	64.8
119	32.0	26.3	39.5

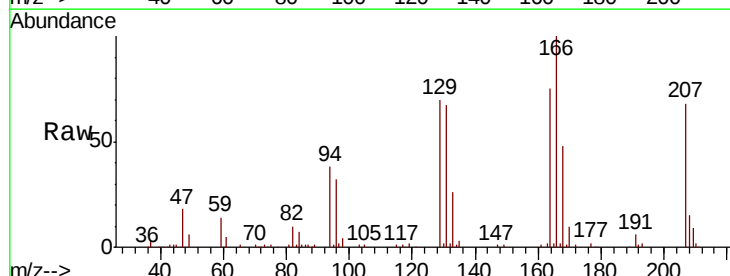


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

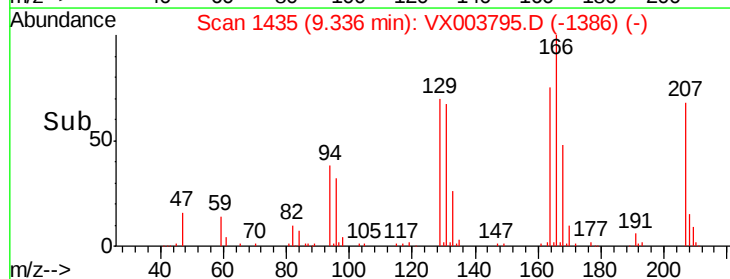
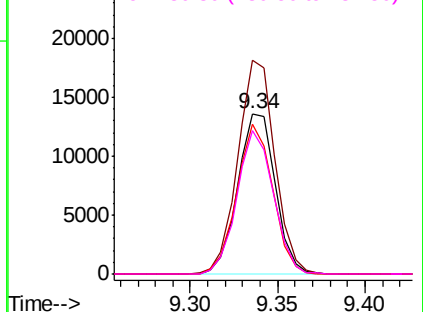


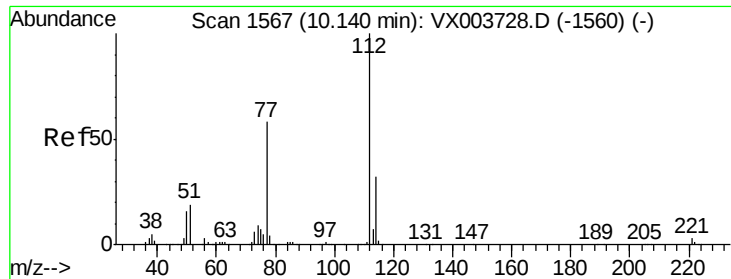
#64
Tetrachloroethene
Concen: 20.29 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.3	100.4	150.6
129	93.8	71.8	107.8
131	89.6	68.3	102.5



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





#65

Chlorobenzene

Concen: 20.27 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

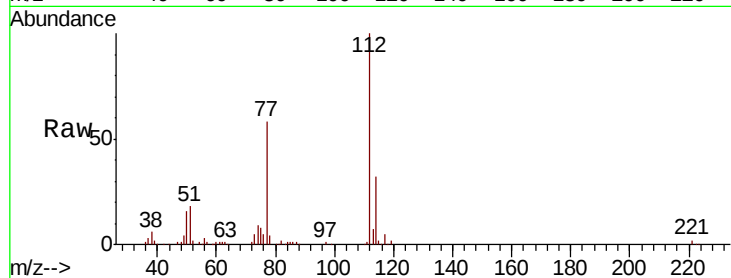
ClientSampleId :

Tot Ion:112 Resp: 53989

Ion Ratio Lower Upper

112 100

114 31.8 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

40000

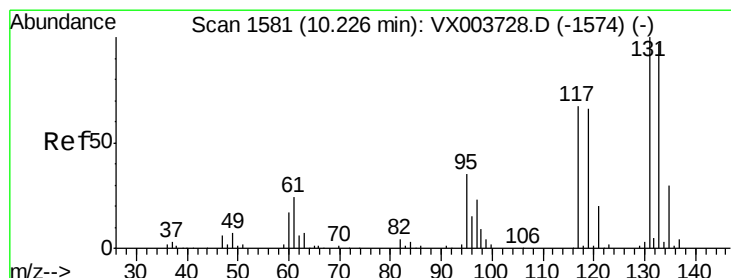
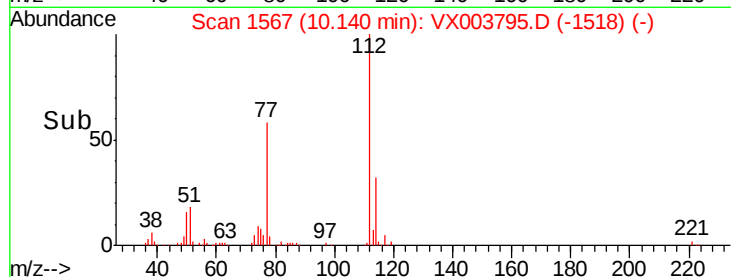
30000

20000

10000

0

Time--> 10.10 10.14 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 20.09 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

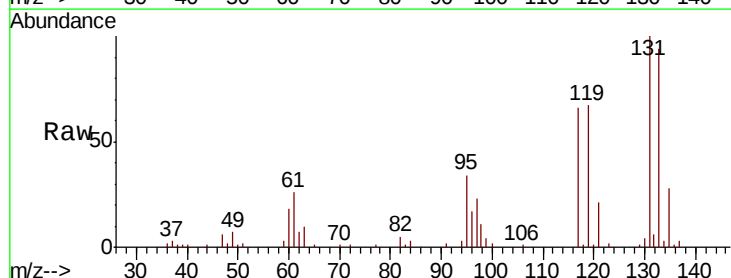
Tgt Ion:131 Resp: 17450

Ion Ratio Lower Upper

131 100

133 94.8 47.6 142.9

119 65.6 32.8 98.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

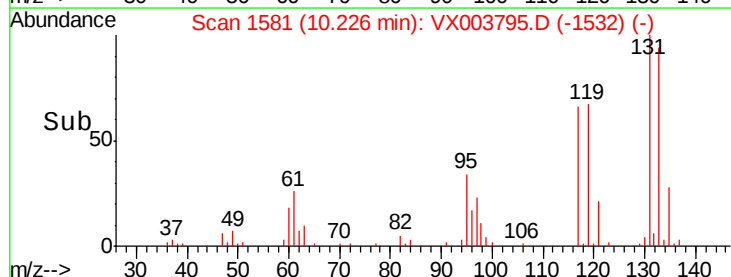
15000

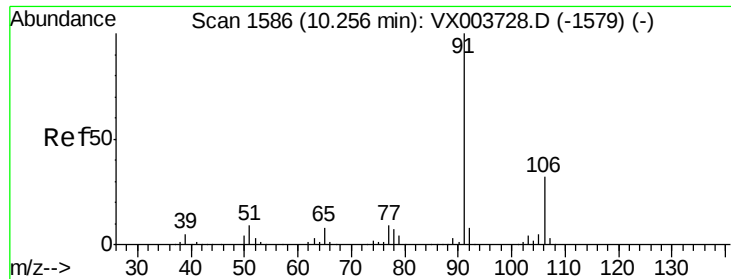
10000

5000

0

Time--> 10.15 10.20 10.25

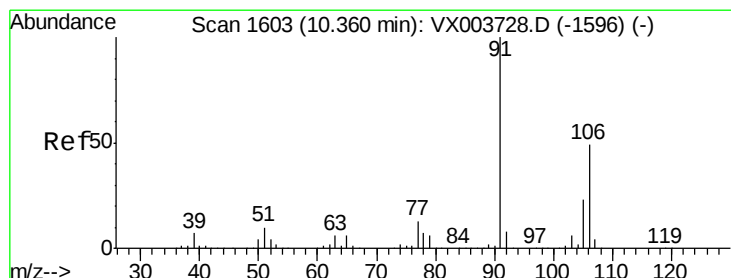
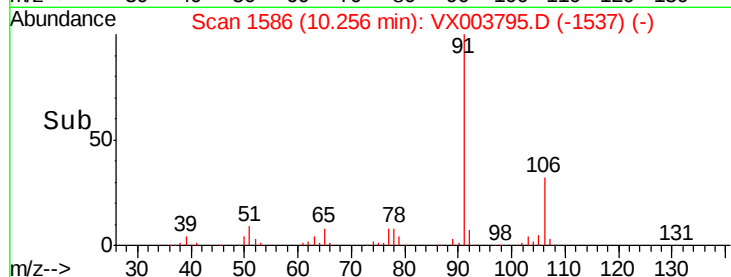
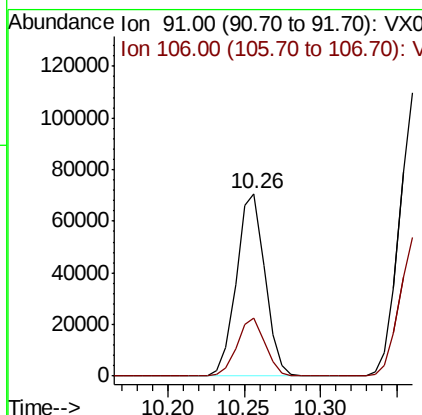
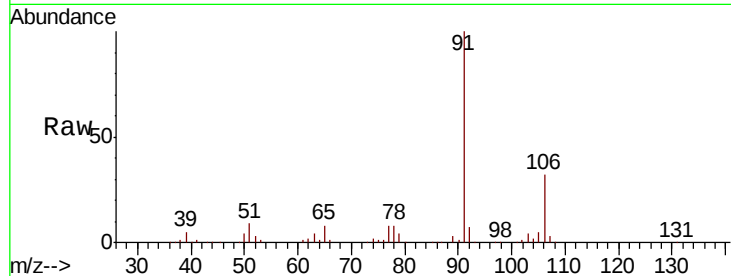




#67
Ethyl Benzene
Concen: 20.31 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

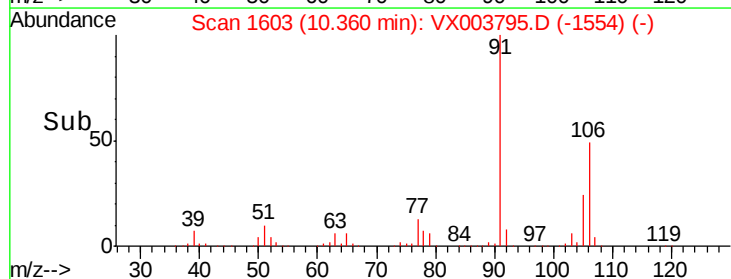
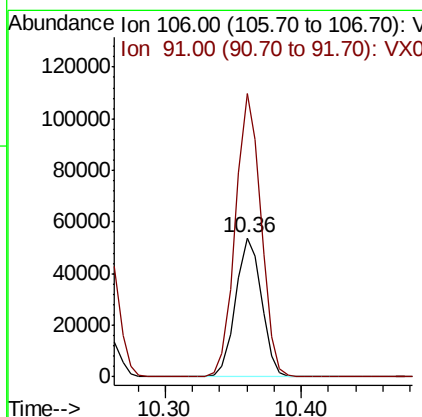
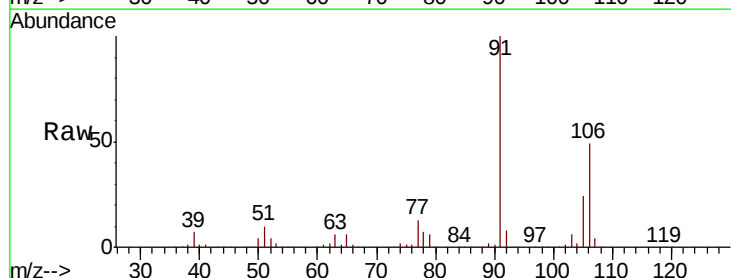
Instrument :
MSVOA_X
ClientSampleId :

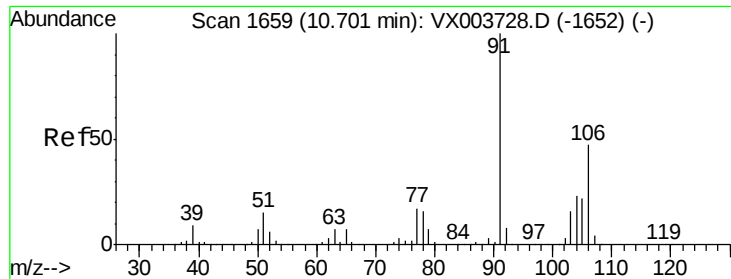
Tot Ion: 91 Resp: 91326
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.2



#68
m/p-Xylenes
Concen: 40.84 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Tgt Ion: 106 Resp: 71861
Ion Ratio Lower Upper
106 100
91 200.3 159.8 239.8

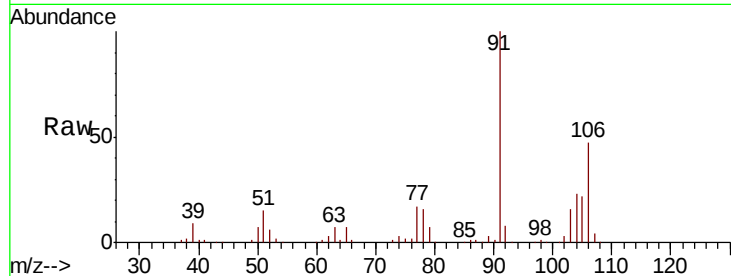




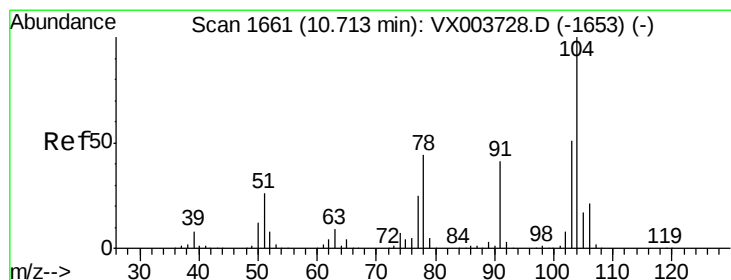
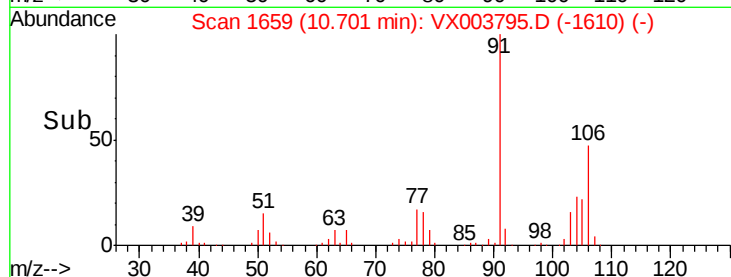
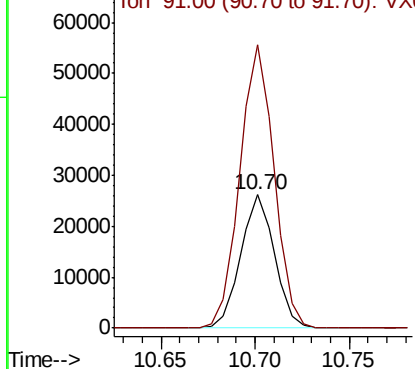
#69
o-Xylene
Concen: 19.96 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 32613
Ion Ratio Lower Upper
106 100
91 214.9 105.6 316.8

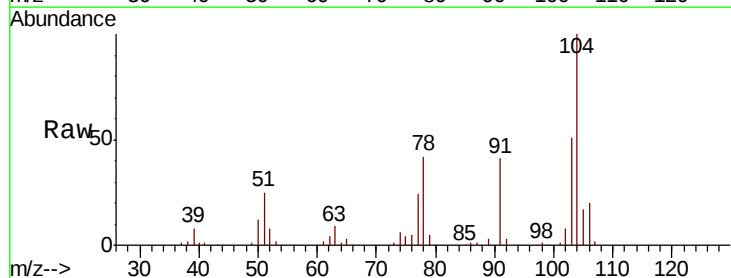


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

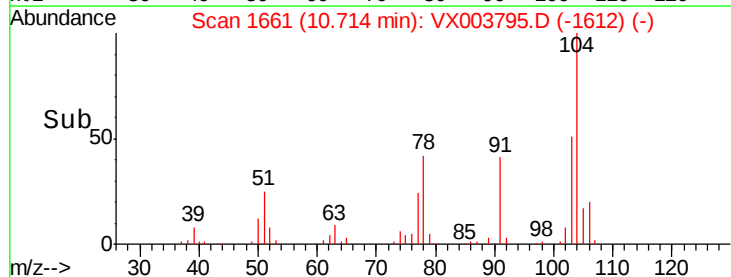
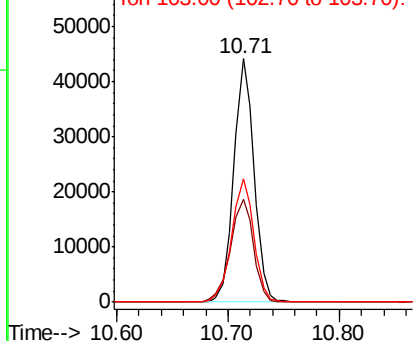


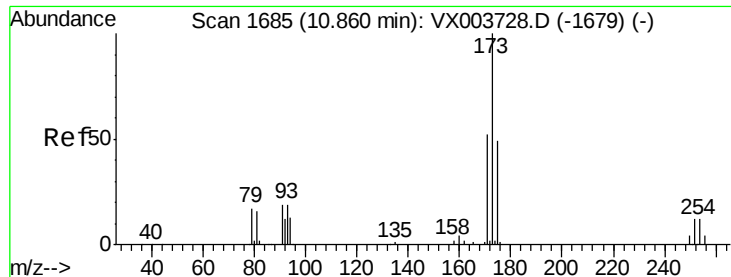
#70
Styrene
Concen: 20.27 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Tgt Ion:104 Resp: 55724
Ion Ratio Lower Upper
104 100
78 48.1 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: 18.29 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

ClientSampled :

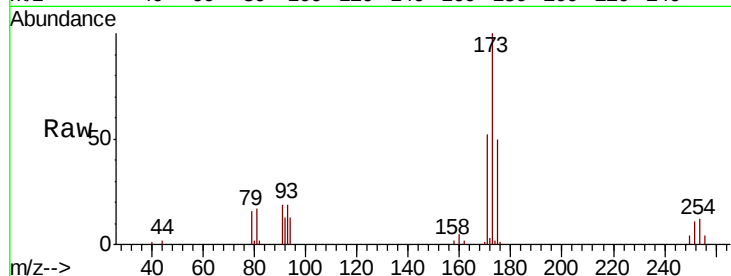
Tot Ion:173 Resp: 10922

Ion Ratio Lower Upper

173 100

175 48.4 24.9 74.6

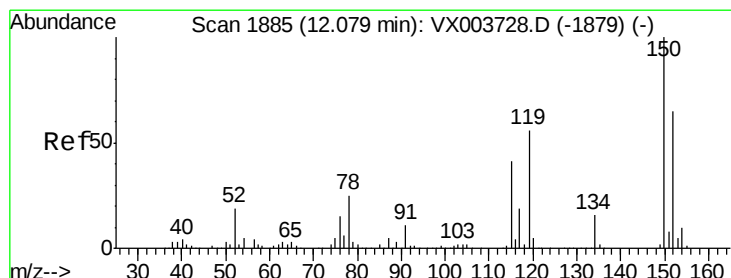
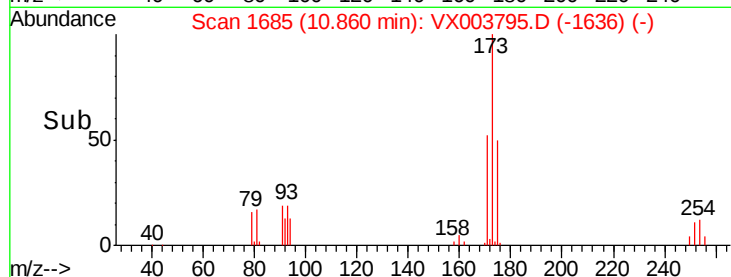
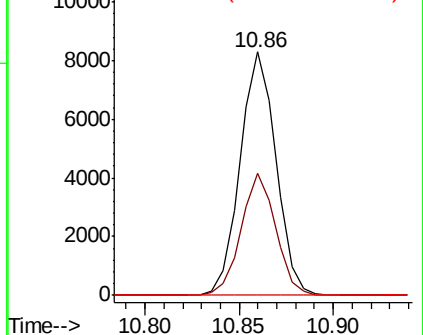
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

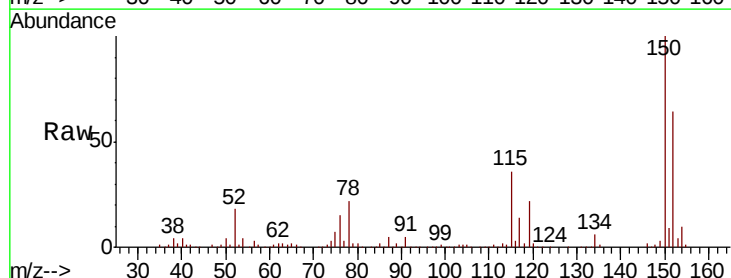
Tgt Ion:152 Resp: 71913

Ion Ratio Lower Upper

152 100

115 63.6 38.5 115.3

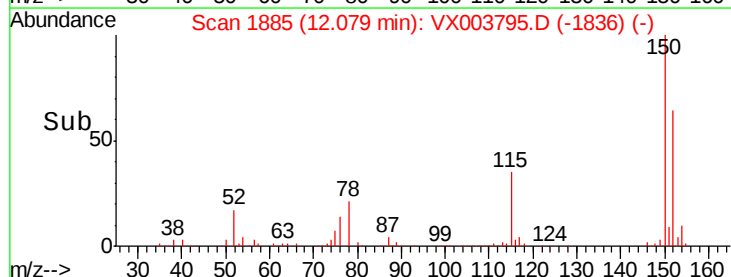
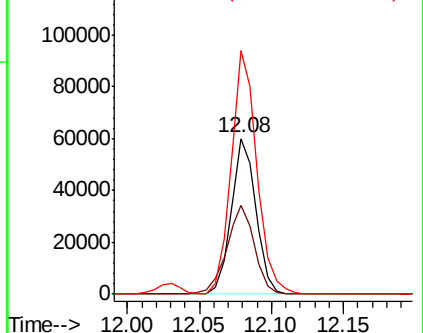
150 163.6 0.0 346.2

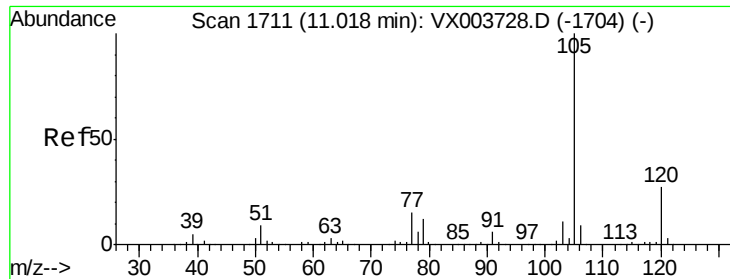


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

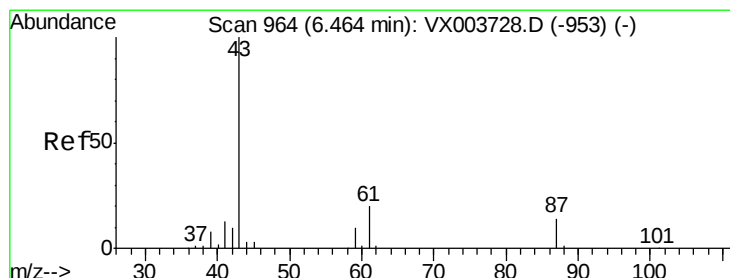
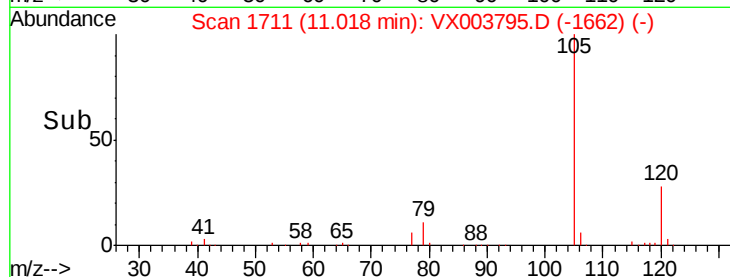
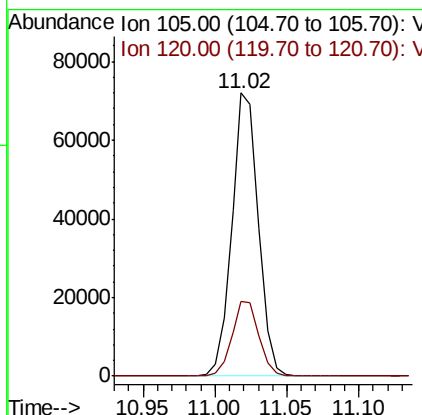
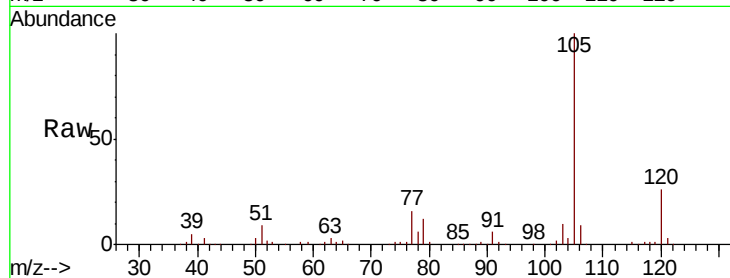




#73
Isopropylbenzene
Concen: 20.58 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

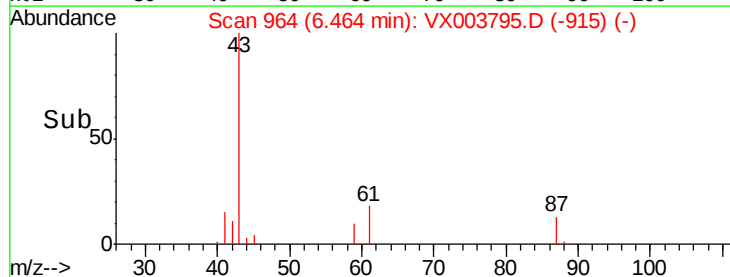
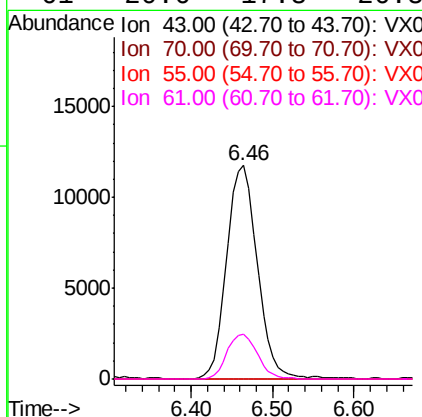
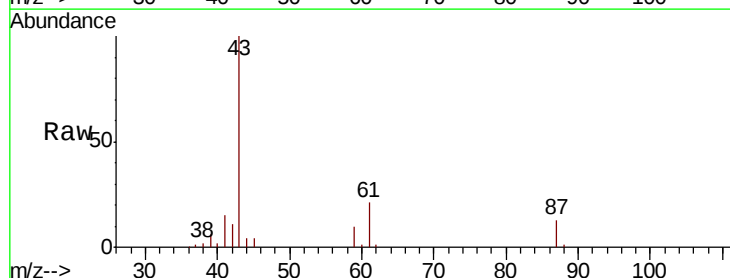
Instrument :
MSVOA_X
ClientSampleId :

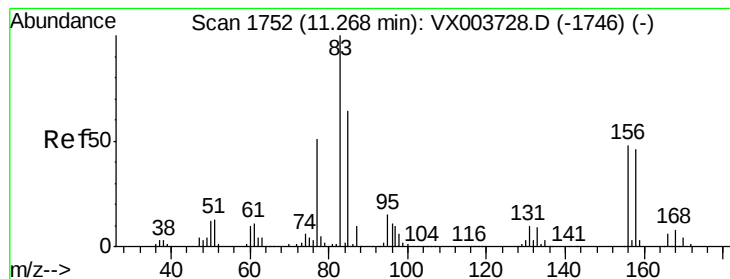
Tot Ion:105 Resp: 92673
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.5



#74
N-ethyl acetate
Concen: 19.25 ug/l
RT: 6.46 min Scan# 964
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Tgt Ion: 43 Resp: 30715
Ion Ratio Lower Upper
43 100
70 0.0 31.0 46.6#
55 0.0 18.9 28.3#
61 20.6 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.14 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

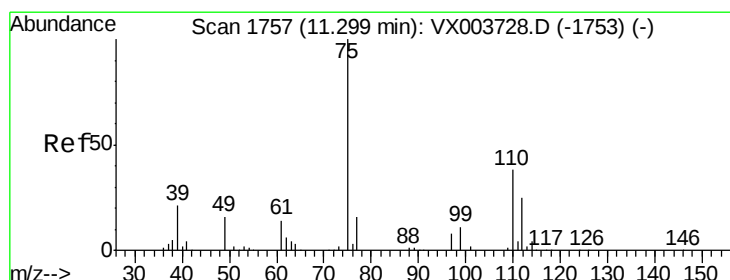
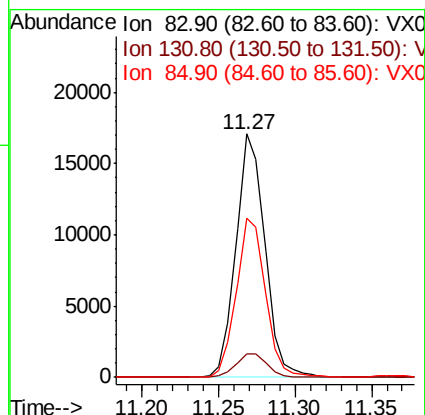
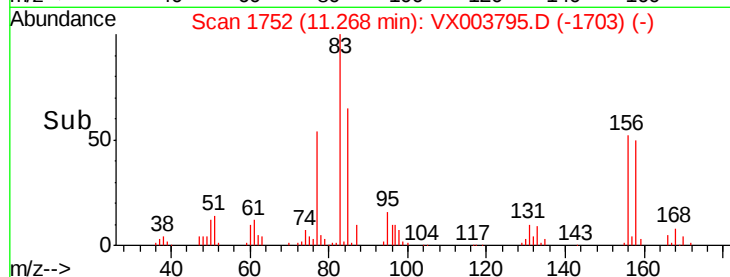
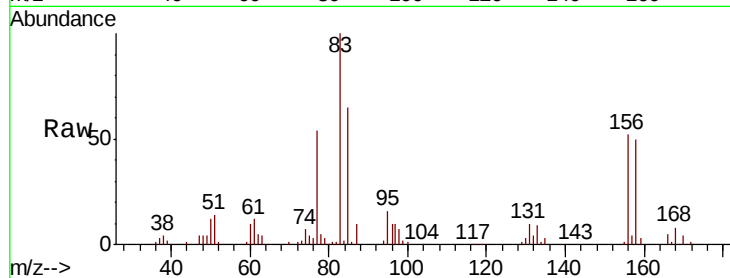
Tot Ion: 83 Resp: 22400

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.9

85 66.2 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 25.44 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003795.D

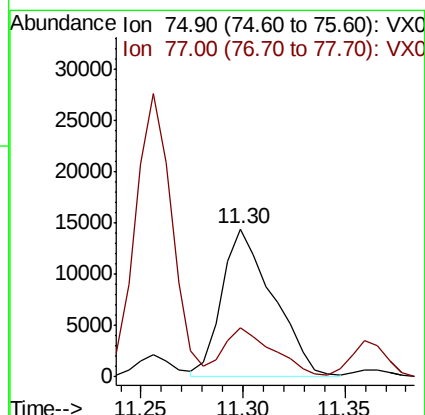
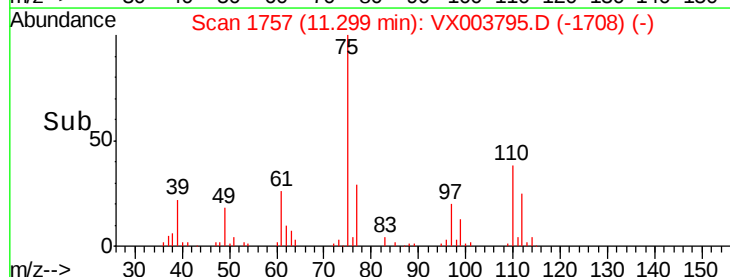
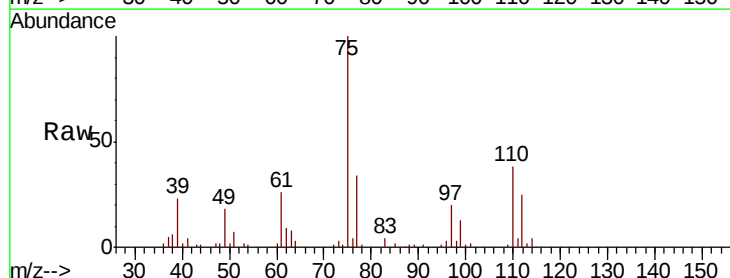
Acq: 01 Aug 2018 15:52

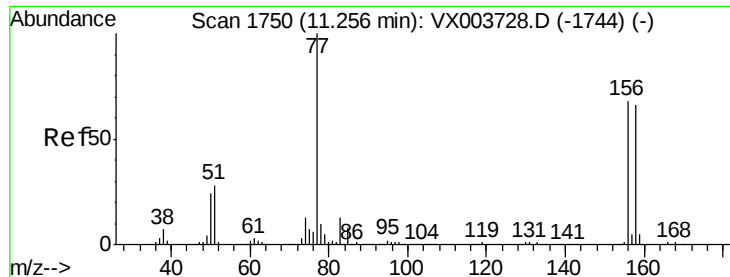
Tgt Ion: 75 Resp: 25216

Ion Ratio Lower Upper

75 100

77 32.5 21.6 65.0





#77

Bromobenzene

Concen: 20.54 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

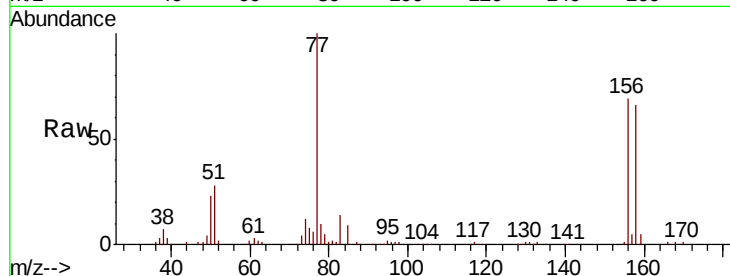
Tot Ion:156 Resp: 24108

Ion Ratio Lower Upper

156 100

77 142.0 71.8 215.3

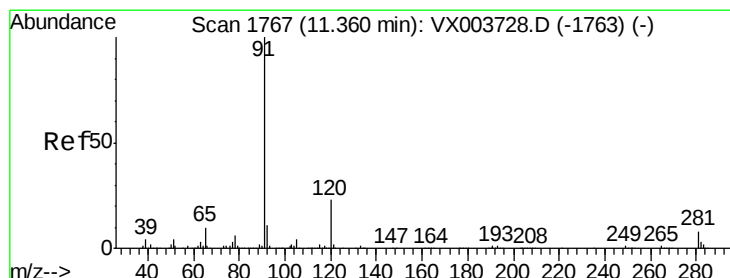
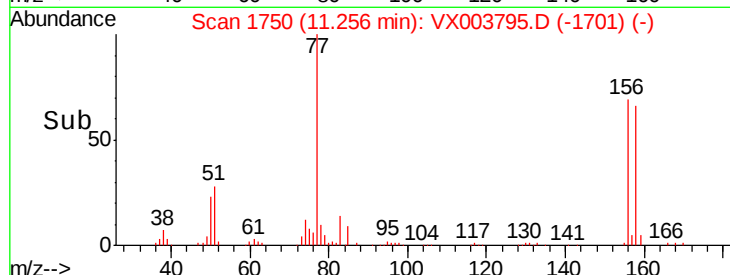
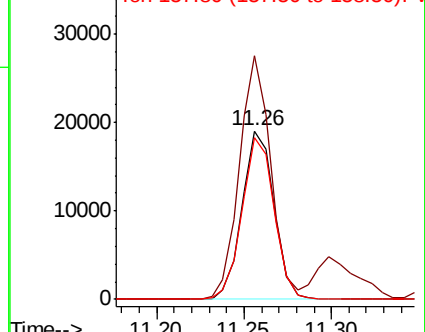
158 96.7 48.8 146.4



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: 20.57 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003795.D

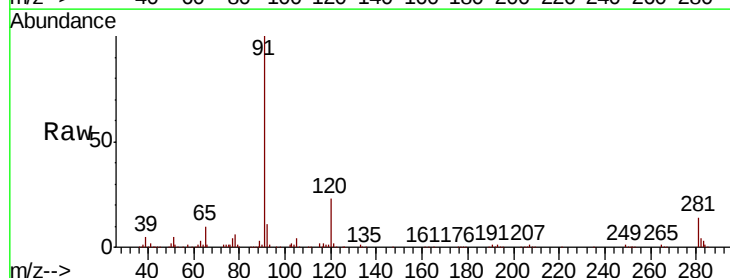
Acq: 01 Aug 2018 15:52

Tgt Ion: 91 Resp: 112182

Ion Ratio Lower Upper

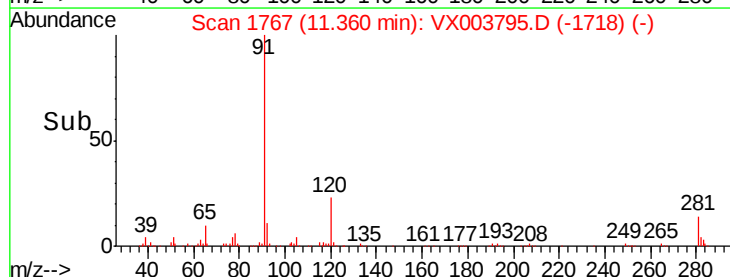
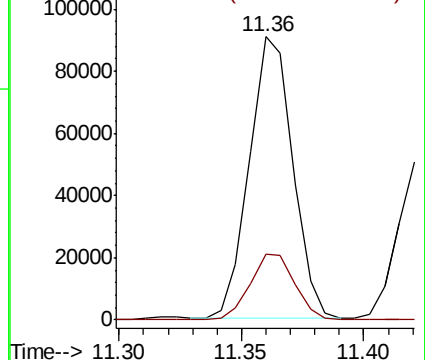
91 100

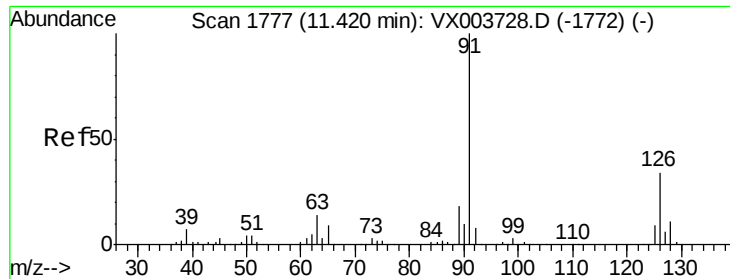
120 24.0 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.48 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

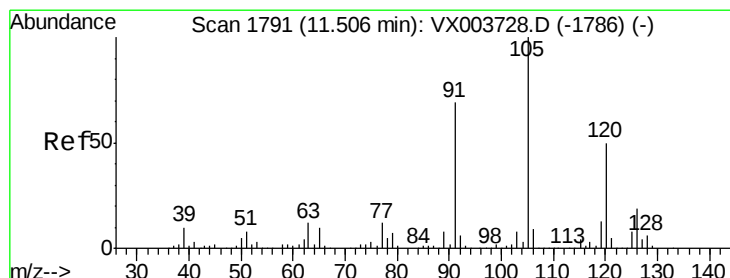
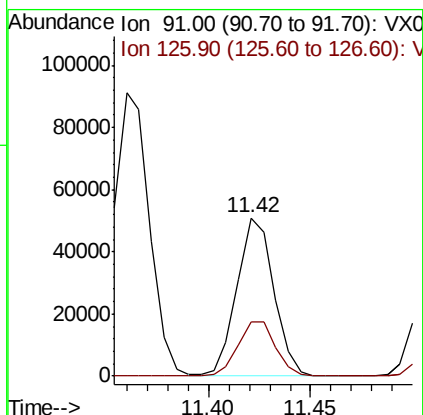
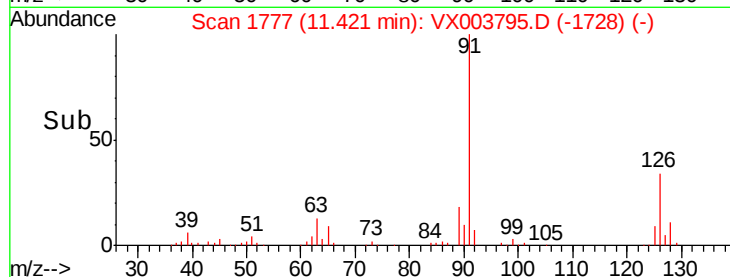
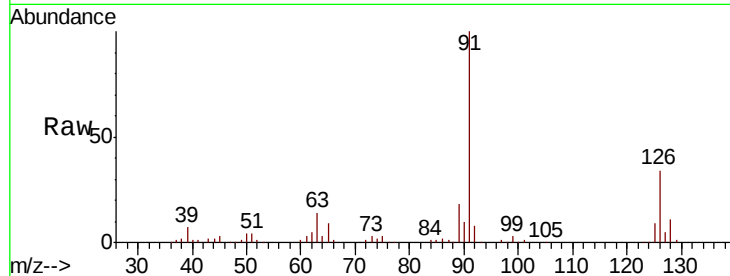
ClientSampled :

Tot Ion: 91 Resp: 63419

Ion Ratio Lower Upper

91 100

126 35.7 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 20.51 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX003795.D

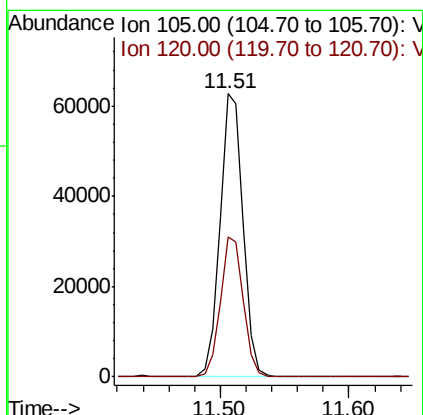
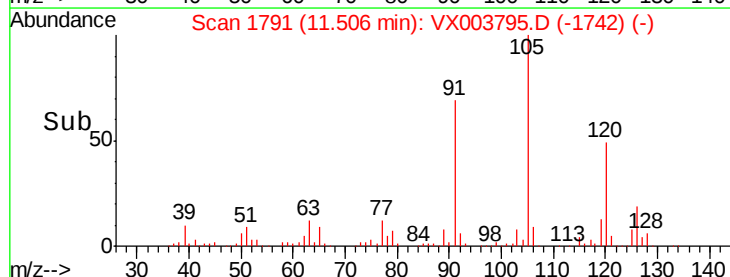
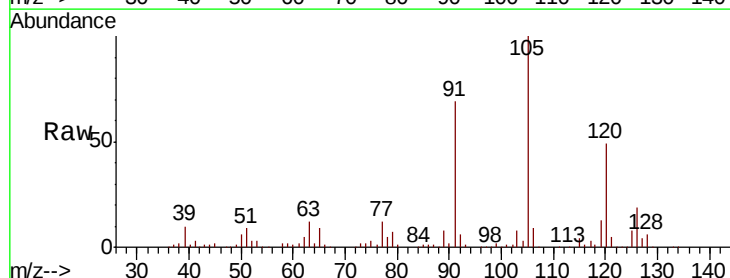
Acq: 01 Aug 2018 15:52

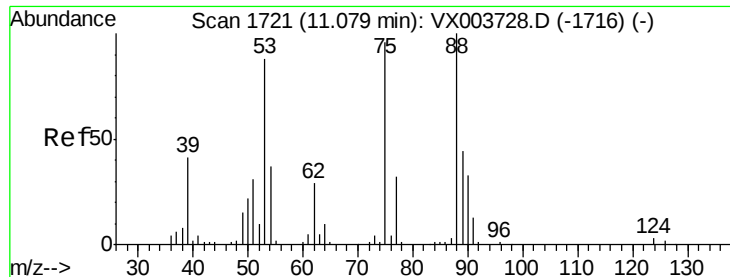
Tgt Ion:105 Resp: 78821

Ion Ratio Lower Upper

105 100

120 49.3 15.8 47.4#





#81

trans-1,4-Dichloro-2-butene

Concen: 18.39 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

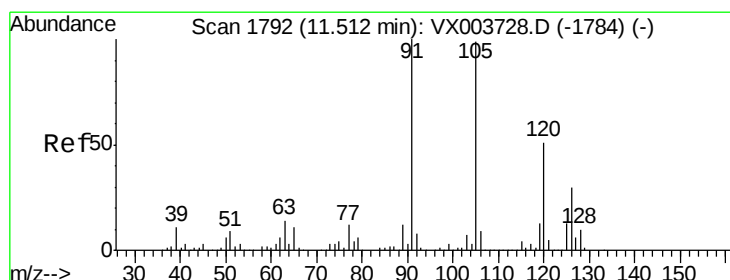
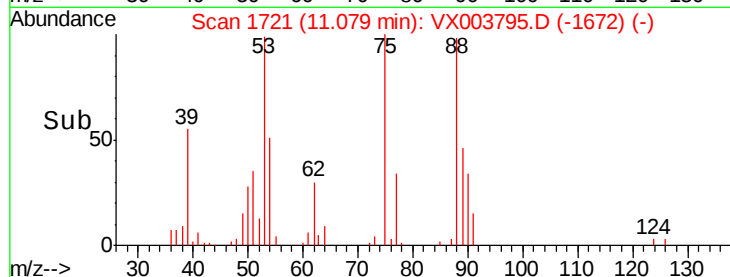
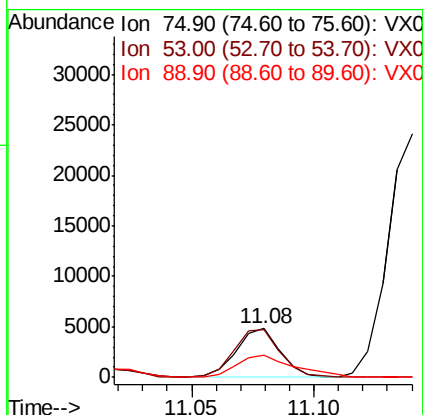
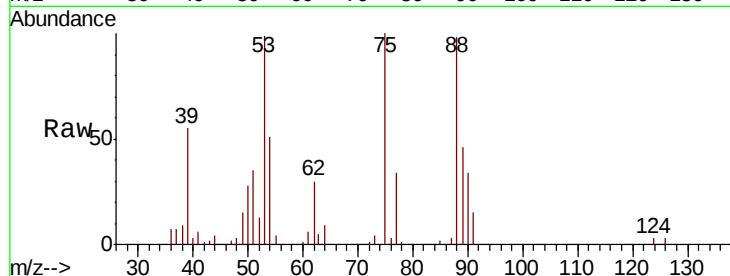
Tot Ion: 75 Resp: 6154

Ion Ratio Lower Upper

75 100

53 102.4 75.8 113.8

89 59.6 39.1 58.7#



#82

4-Chlorotoluene

Concen: 20.33 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003795.D

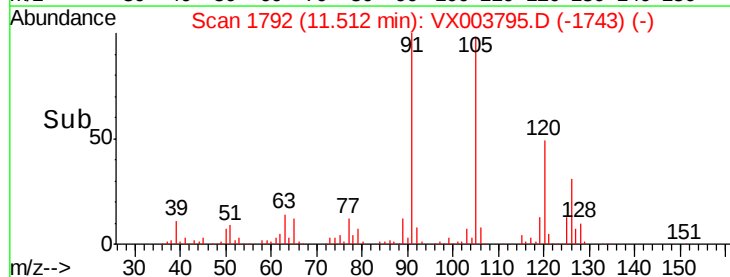
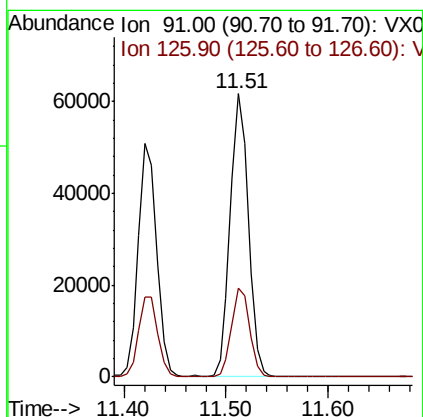
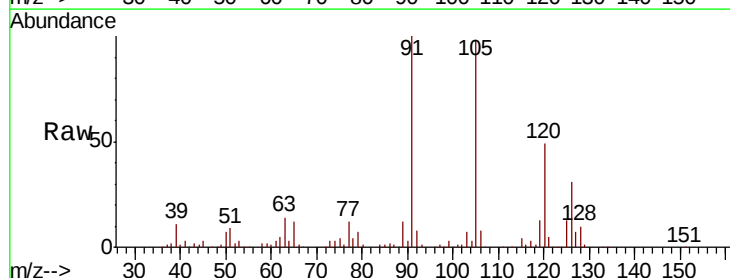
Acq: 01 Aug 2018 15:52

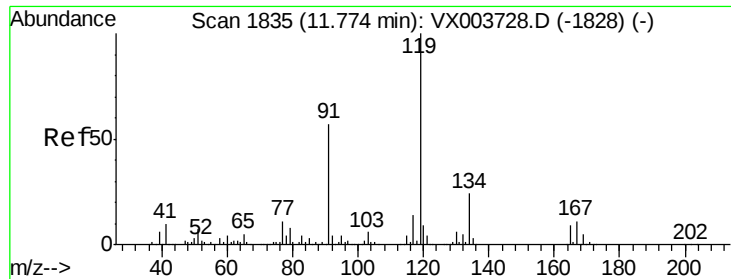
Tgt Ion: 91 Resp: 76370

Ion Ratio Lower Upper

91 100

126 31.1 15.6 46.7





#83

tert-Butylbenzene

Concen: 20.14 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

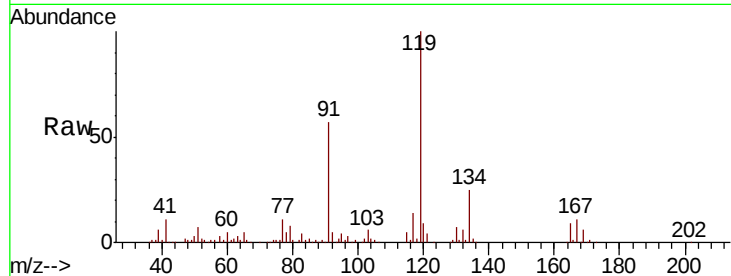
Tot Ion:119 Resp: 76534

Ion Ratio Lower Upper

119 100

91 55.6 27.2 81.6

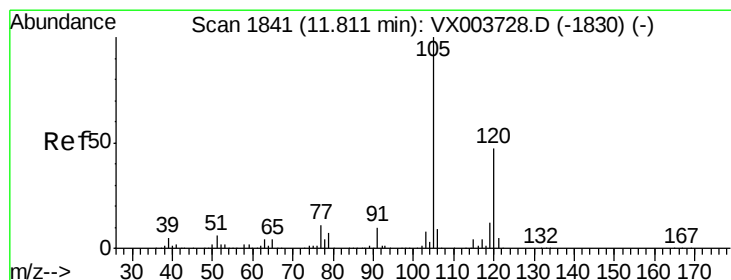
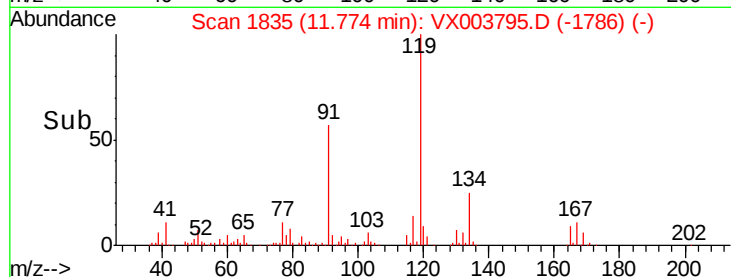
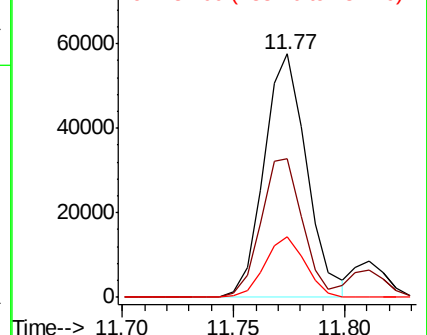
134 23.7 11.6 34.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.33 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX003795.D

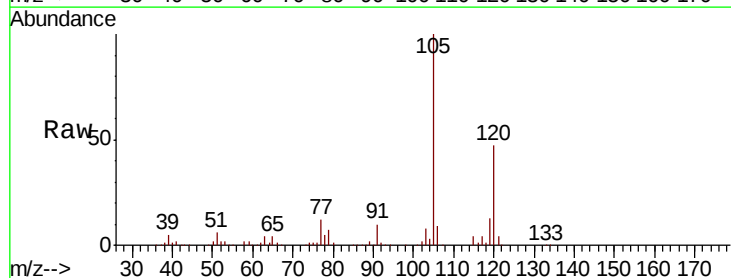
Acq: 01 Aug 2018 15:52

Tgt Ion:105 Resp: 80415

Ion Ratio Lower Upper

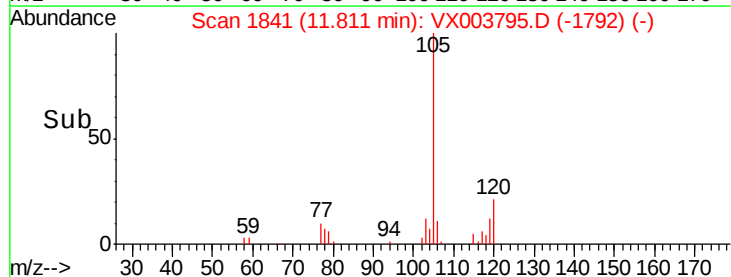
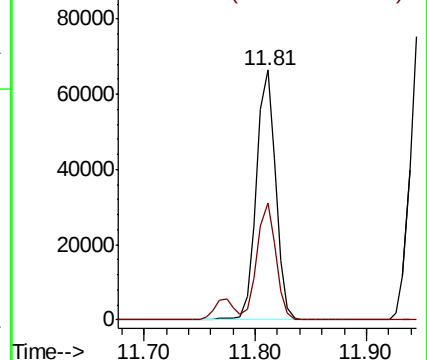
105 100

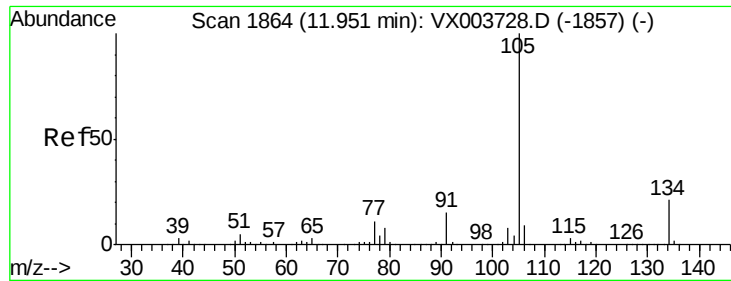
120 45.5 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

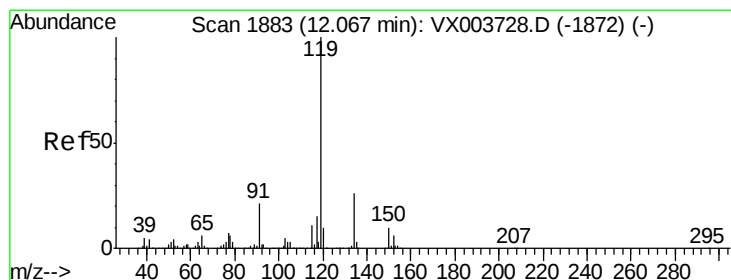
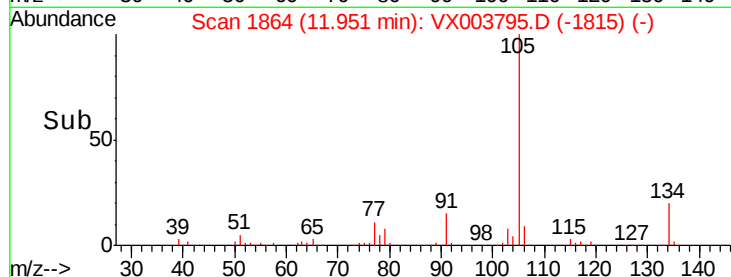
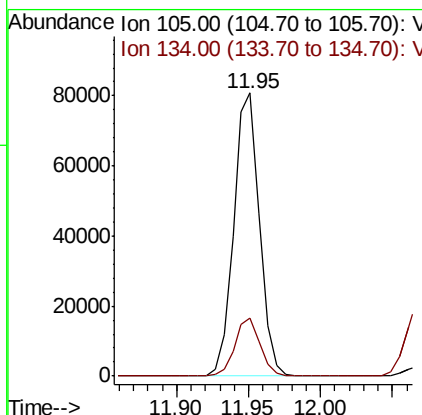
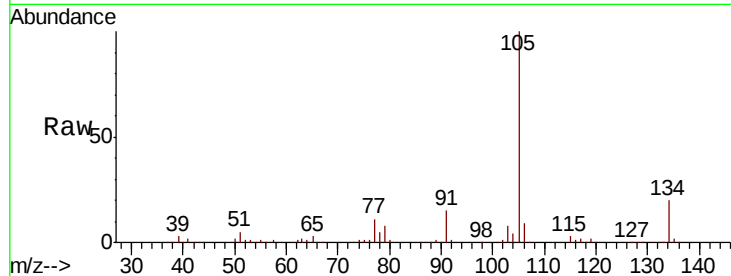




#85
 sec-Butylbenzene
 Concen: 20.66 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

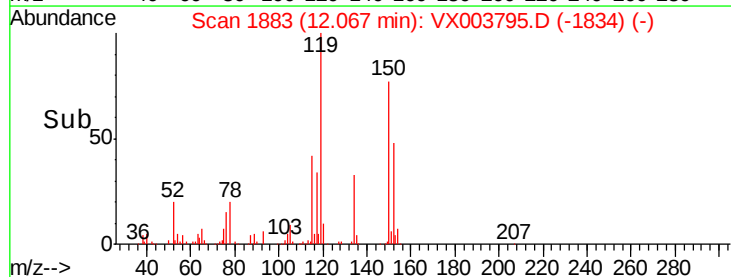
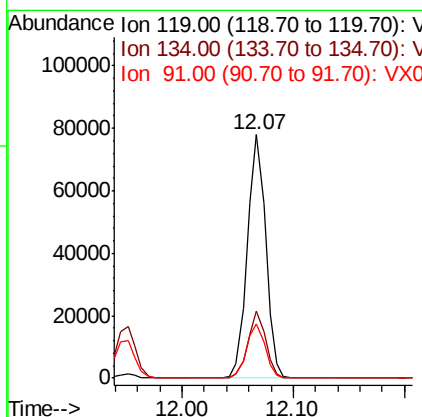
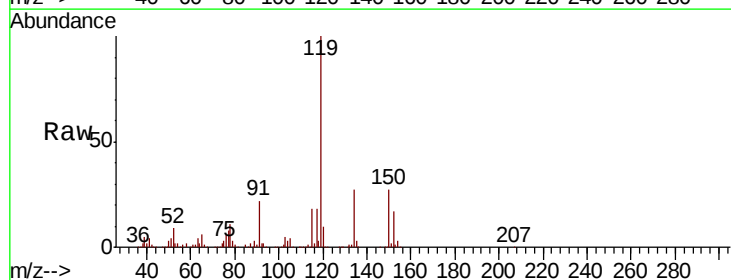
Instrument :
 MSVOA_X
 ClientSampleId :

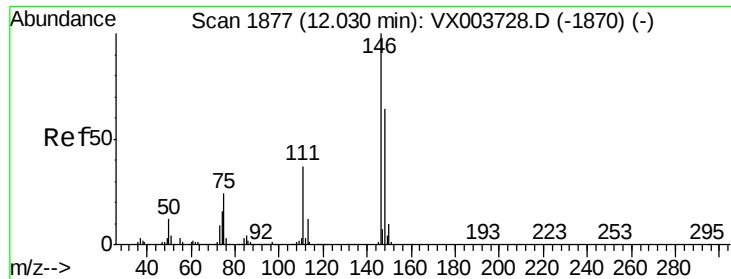
Tot Ion:105 Resp: 100471
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 20.22 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

Tgt Ion:119 Resp: 89340
 Ion Ratio Lower Upper
 119 100
 134 26.5 10.1 30.1
 91 22.8 23.6 70.8#





#87

1,3-Dichlorobenzene

Concen: 20.00 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

ClientSampled :

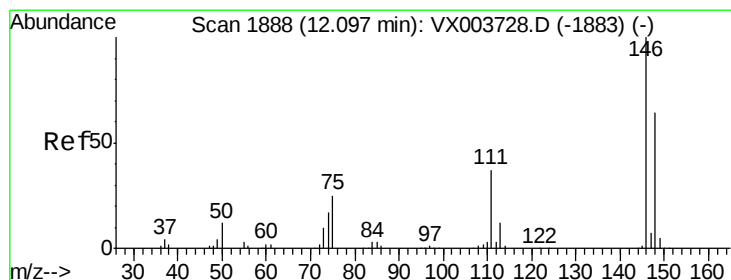
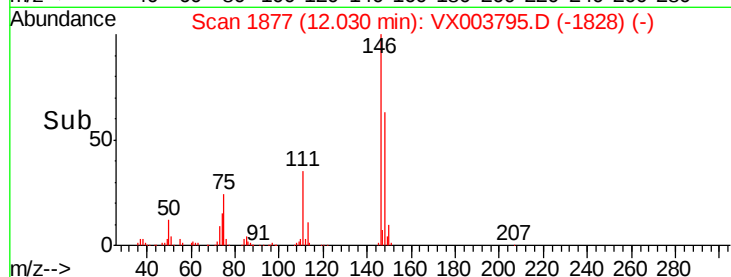
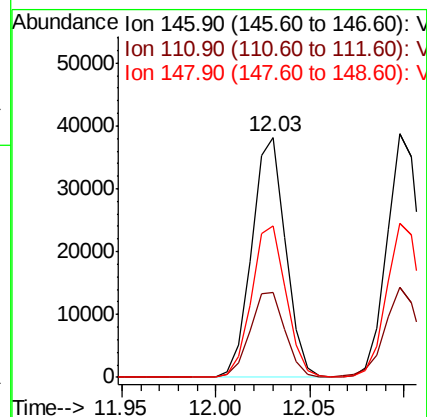
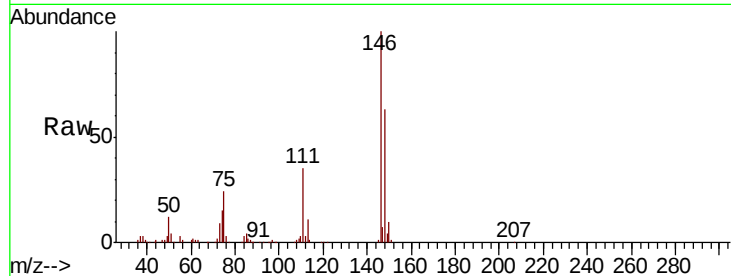
Tot Ion:146 Resp: 47488

Ion Ratio Lower Upper

146 100

111 37.0 18.8 56.3

148 64.4 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 19.84 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

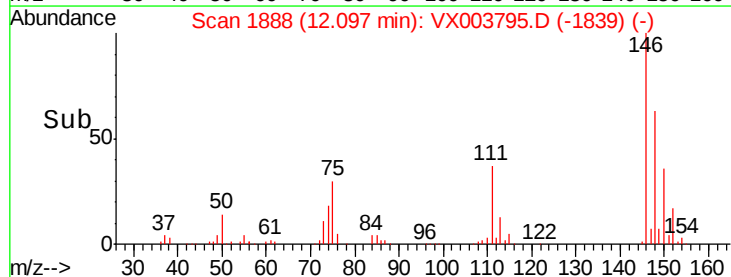
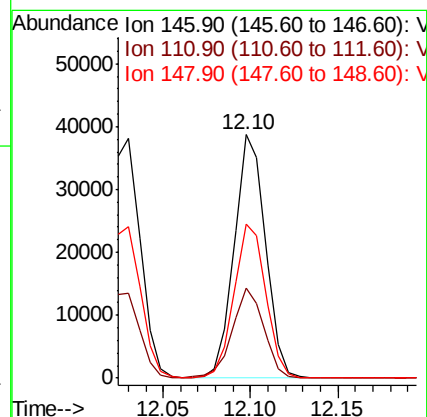
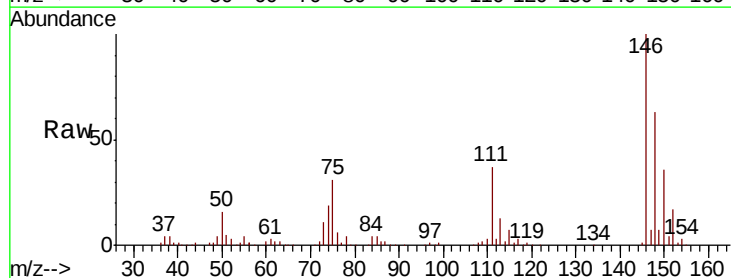
Tgt Ion:146 Resp: 48048

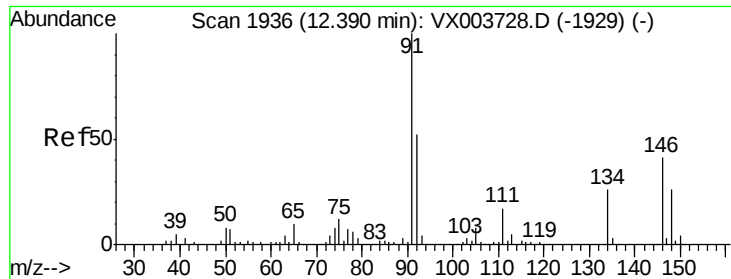
Ion Ratio Lower Upper

146 100

111 37.5 18.3 54.9

148 64.6 32.0 96.2





#89

n-Butylbenzene

Concen: 20.22 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

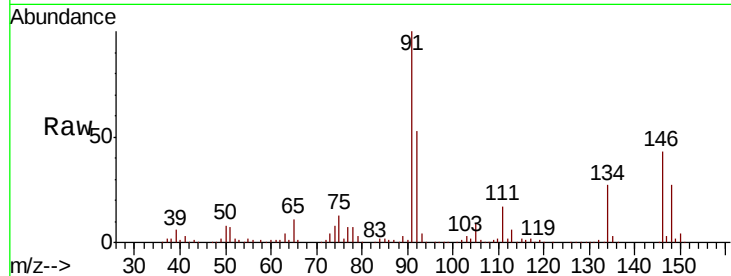
Tot Ion: 91 Resp: 85052

Ion Ratio Lower Upper

91 100

92 52.2 26.2 78.5

134 26.8 13.6 40.7

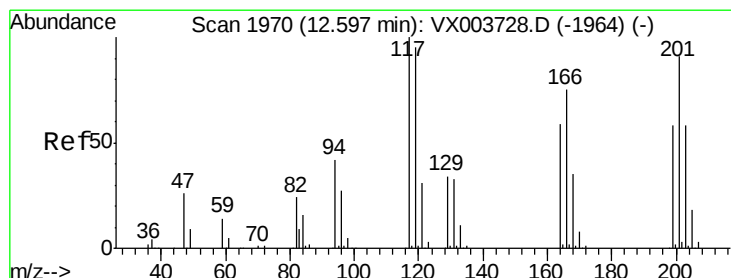
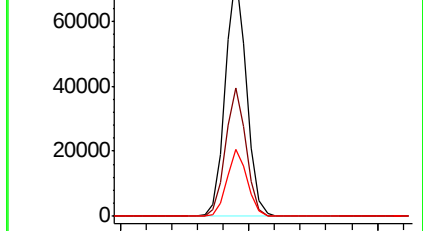
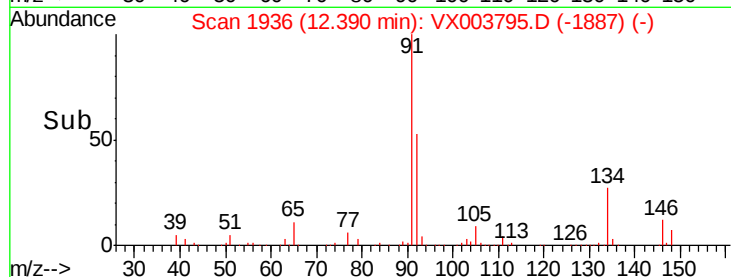


Abundance Ion 91.00 (90.70 to 91.70): VX003728.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX003728.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX003728.D (-1929) (-)

Time--> 12.30 12.40 12.50



#90

Hexachloroethane

Concen: 19.42 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003795.D

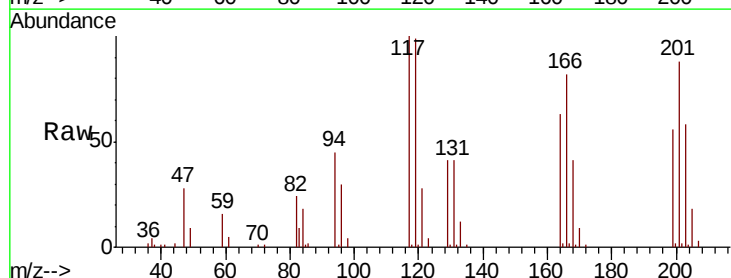
Acq: 01 Aug 2018 15:52

Tgt Ion: 117 Resp: 12742

Ion Ratio Lower Upper

117 100

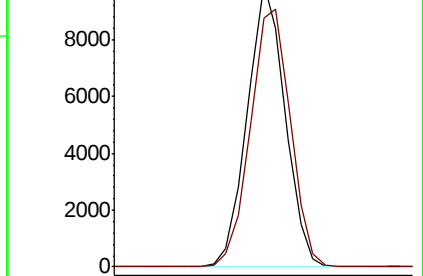
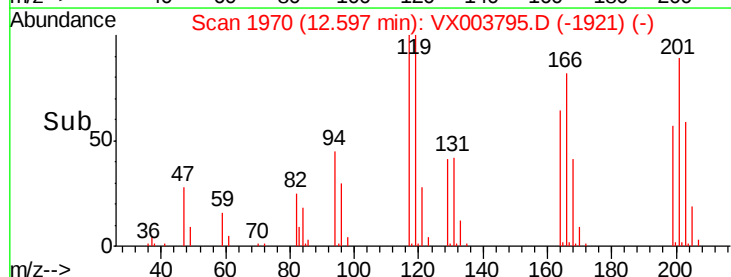
201 97.0 49.3 147.8

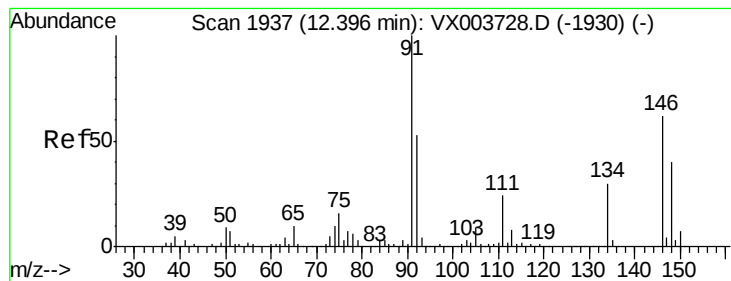


Abundance Ion 116.80 (116.50 to 117.50): VX003728.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX003728.D (-1964) (-)

Time--> 12.55 12.60 12.65





#91

1,2-Dichlorobenzene

Concen: 19.92 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

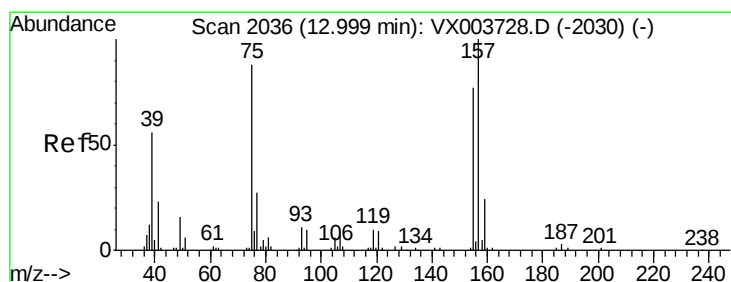
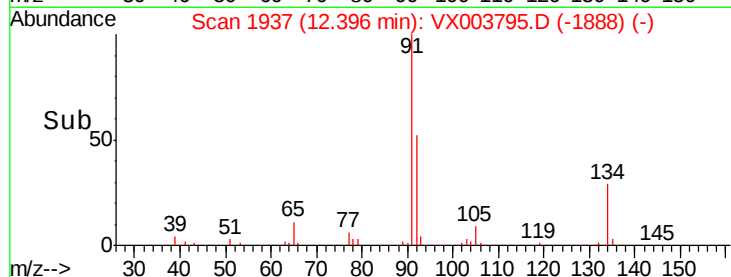
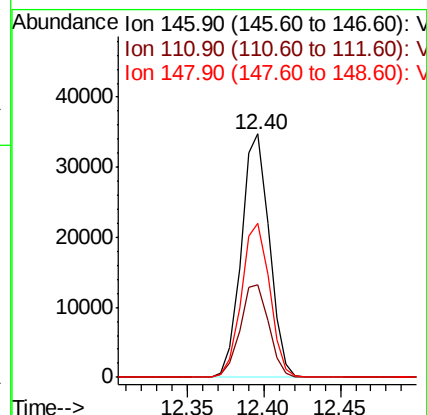
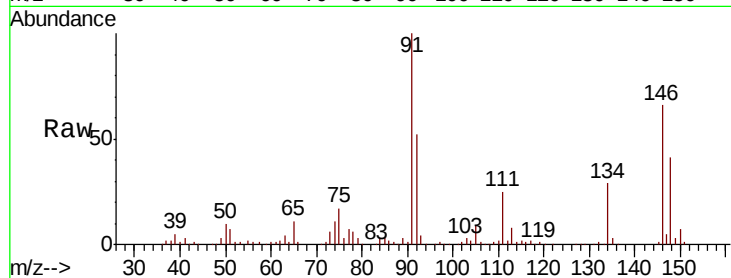
Tot Ion:146 Resp: 44050

Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.4

148 63.7 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.62 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VX003795.D

Acq: 01 Aug 2018 15:52

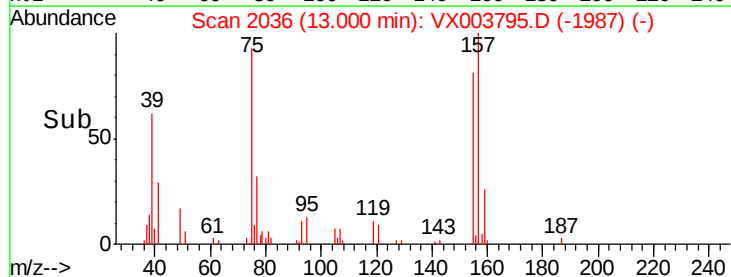
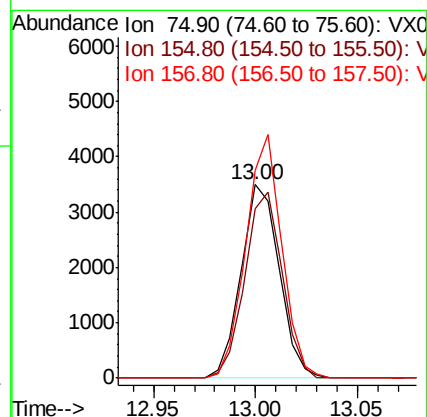
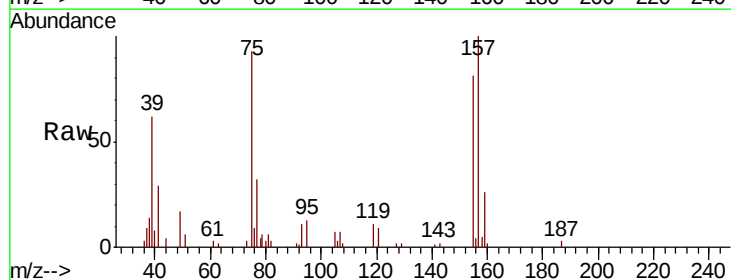
Tgt Ion: 75 Resp: 4556

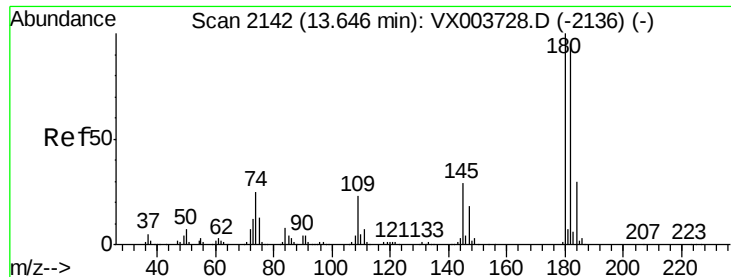
Ion Ratio Lower Upper

75 100

155 94.2 48.9 146.7

157 118.6 63.7 191.1

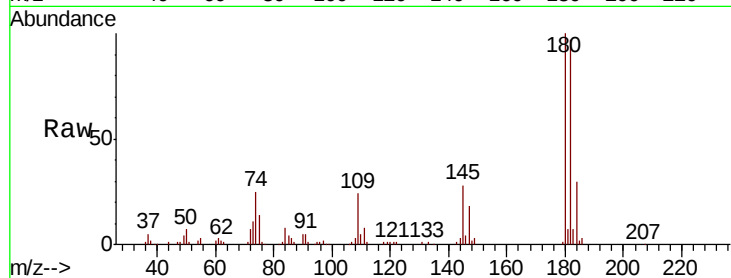




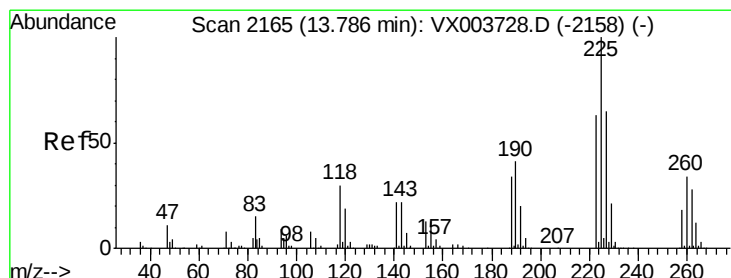
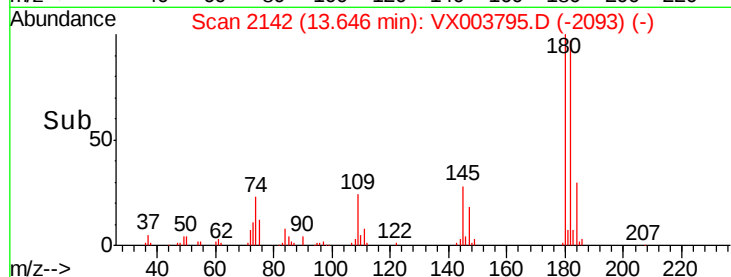
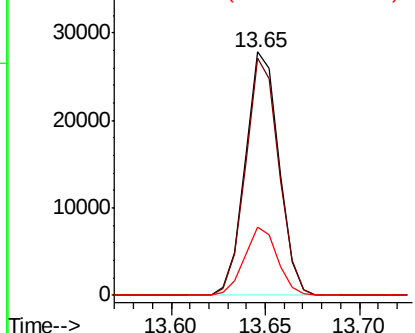
#93
 1,2,4-Trichlorobenzene
 Concen: 19.59 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 34364
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.6 142.9
 145 27.4 14.1 42.2

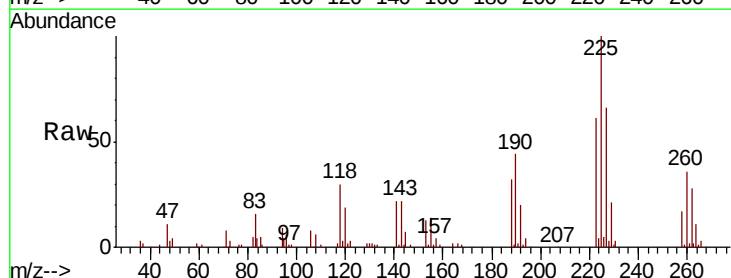


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

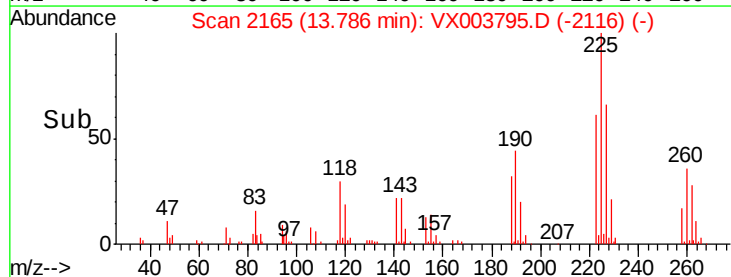
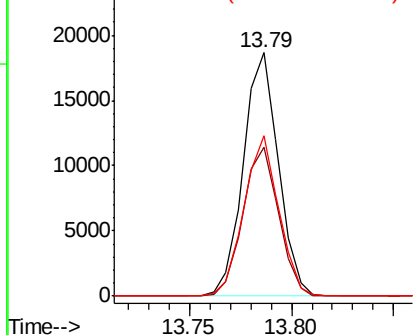


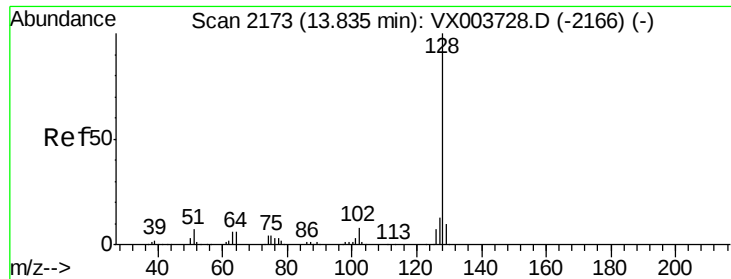
#94
 Hexachlorobutadiene
 Concen: 19.86 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003795.D
 Acq: 01 Aug 2018 15:52

Tgt Ion:225 Resp: 22274
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.1 93.5
 227 65.1 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

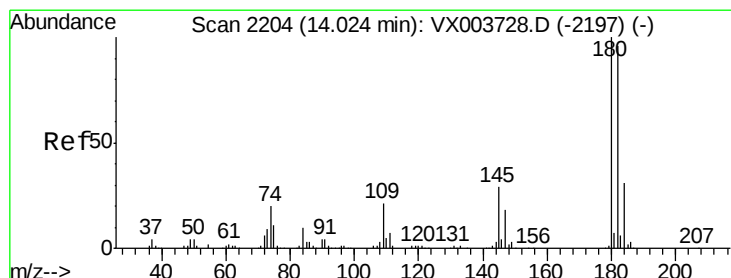
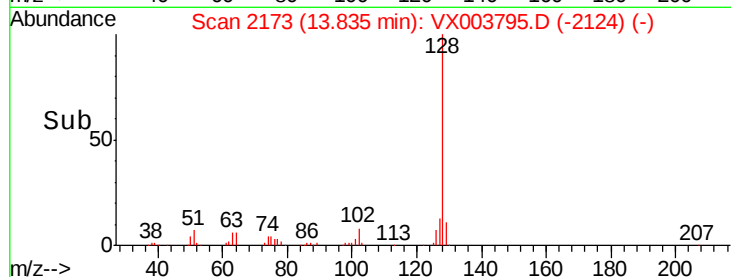
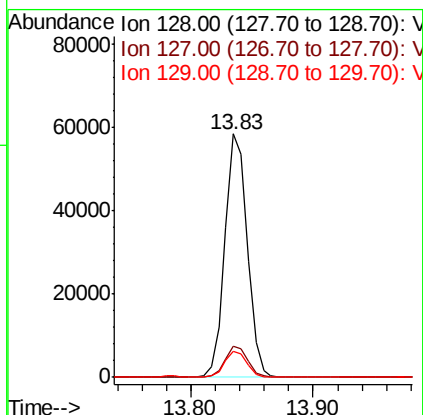
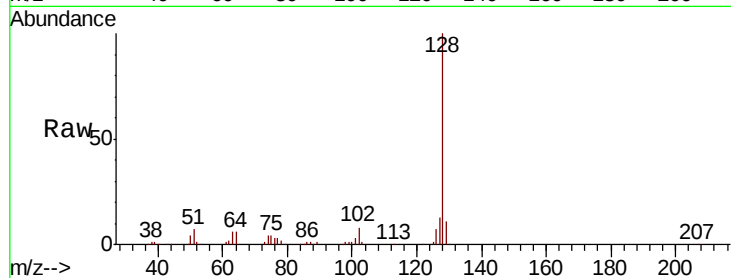




#95
Naphthalene
Concen: 19.67 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 73727
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.72 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003795.D
Acq: 01 Aug 2018 15:52

Tgt Ion:180 Resp: 31394
Ion Ratio Lower Upper
180 100
182 95.5 47.9 143.8
145 29.7 14.7 44.1

