

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
 Data File : VX003815.D
 Acq On : 02 Aug 2018 00:17
 Operator : JC/SP
 Sample : J4164-04MSD
 Misc : 11.13G/5.0mL/MSVOA X/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 02 05:59:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	80980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	118124	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	98436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	40732	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	46093	56.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.56%	
35) Dibromofluoromethane	5.51	113	40503	58.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.46%	
50) Toluene-d8	8.72	98	151925	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
62) 4-Bromofluorobenzene	11.14	95	45766	42.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	36252	53.04	ug/l	99
3) Chloromethane	1.32	50	47441	55.22	ug/l	100
4) Vinyl Chloride	1.40	62	44610	48.27	ug/l	# 88
5) Bromomethane	1.64	94	28701	57.23	ug/l	100
6) Chloroethane	1.72	64	29390	48.09	ug/l	98
7) Trichlorofluoromethane	1.93	101	64911	53.56	ug/l	99
8) Diethyl Ether	2.19	74	30291	66.14	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	39931	51.94	ug/l	99
10) Methyl Iodide	2.51	142	32287	36.53	ug/l	99
11) Tert butyl alcohol	3.07	59	30101	226.98	ug/l	99
12) 1,1-Dichloroethene	2.37	96	35470	49.00	ug/l	97
13) Acrolein	2.29	56	171	3.94	ug/l	82
14) Allyl chloride	2.73	41	46203	36.01	ug/l	98
15) Acrylonitrile	3.15	53	80317	238.14	ug/l	99
16) Acetone	2.45	43	87031	278.20	ug/l	100
17) Carbon Disulfide	2.57	76	65541	27.83	ug/l	97
18) Methyl Acetate	2.78	43	86389	98.27	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	136512	69.29	ug/l	99
20) Methylene Chloride	2.86	84	48458	59.42	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	32686	41.21	ug/l	97
22) Diisopropyl ether	3.87	45	155889	67.30	ug/l	98
23) Vinyl Acetate	3.82	43	158110	94.65	ug/l	99
24) 1,1-Dichloroethane	3.70	63	84858	62.82	ug/l	96
25) 2-Butanone	4.70	43	115469	253.19	ug/l	97
26) 2,2-Dichloropropane	4.59	77	48603	45.69	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	45520	53.26	ug/l	95
28) Bromochloromethane	5.02	49	32515	53.66	ug/l	98
29) Tetrahydrofuran	5.15	42	72774	250.40	ug/l	98
30) Chloroform	5.22	83	85103	63.94	ug/l	89
31) Cyclohexane	5.58	56	61642	47.24	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	67339	58.86	ug/l	99
36) 1,1-Dichloropropene	5.80	75	52174	47.16	ug/l	100
37) Ethyl Acetate	4.85	43	37652	44.31	ug/l	99
38) Carbon Tetrachloride	5.79	117	53066	51.86	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	52529	38.68	ug/l	94
40) Benzene	6.15	78	193979	61.19	ug/l	97
41) Methacrylonitrile	5.06	41	26661	55.66	ug/l	97
42) 1,2-Dichloroethane	6.20	62	59963	62.63	ug/l	98
43) Isopropyl Acetate	6.46	43	75698	55.91	ug/l	99
44) Trichloroethene	7.21	130	42665	47.18	ug/l	96
45) 1,2-Dichloropropane	7.52	63	52512	67.36	ug/l	96
46) Dibromomethane	7.67	93	25425	56.60	ug/l	98
47) Bromodichloromethane	7.90	83	59021	65.93	ug/l	99
48) Methyl methacrylate	7.78	41	43913	64.66	ug/l	99
49) 1,4-Dioxane	7.76	88	13193	962.49	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	240475	289.01	ug/l	100
52) Toluene	8.79	92	111709	56.49	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	46550	45.53	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	58970	51.74	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	45155	66.35	ug/l	98
56) Ethyl methacrylate	9.18	69	57054	61.03	ug/l	98
57) 1,3-Dichloropropane	9.37	76	73678	64.49	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	131476	262.67	ug/l	99
59) 2-Hexanone	9.50	43	162745	256.74	ug/l	99
60) Dibromochloromethane	9.59	129	44130	64.39	ug/l	100
61) 1,2-Dibromoethane	9.68	107	39694	57.13	ug/l	100
64) Tetrachloroethene	9.34	164	45582	58.91	ug/l	99
65) Chlorobenzene	10.14	112	115313	56.06	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	46798	69.76	ug/l	99
67) Ethyl Benzene	10.26	91	197272	56.80	ug/l	100
68) m/p-Xylenes	10.36	106	153617	113.06	ug/l	99
69) o-Xylene	10.70	106	76912	60.96	ug/l	100
70) Styrene	10.71	104	105506	49.71	ug/l	97
71) Bromoform	10.86	173	29375	63.69	ug/l #	100
73) Isopropylbenzene	11.02	105	181167	71.05	ug/l	100
74) N-amyl acetate	6.46	43	75698	83.75	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.27	83	56967	85.93	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	53768	95.77	ug/l	82
77) Bromobenzene	11.26	156	49064	73.80	ug/l	100
78) n-propylbenzene	11.36	91	190869	61.79	ug/l	100
79) 2-Chlorotoluene	11.42	91	119447	68.10	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	143562	65.96	ug/l #	68
81) trans-1,4-Dichloro-2-buten	11.08	75	9345	49.30	ug/l	94
82) 4-Chlorotoluene	11.51	91	132954	62.50	ug/l	100
83) tert-Butylbenzene	11.77	119	133923	62.21	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	150240	67.06	ug/l	99
85) sec-Butylbenzene	11.95	105	142870	51.87	ug/l	100
86) p-Isopropyltoluene	12.07	119	130381	52.09	ug/l #	70
87) 1,3-Dichlorobenzene	12.03	146	74688	55.54	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	73930	53.88	ug/l	100
89) n-Butylbenzene	12.39	91	96824	40.64	ug/l	100
90) Hexachloroethane	12.60	117	17162	46.17	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	77871	62.18	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	8967	68.17	ug/l	99

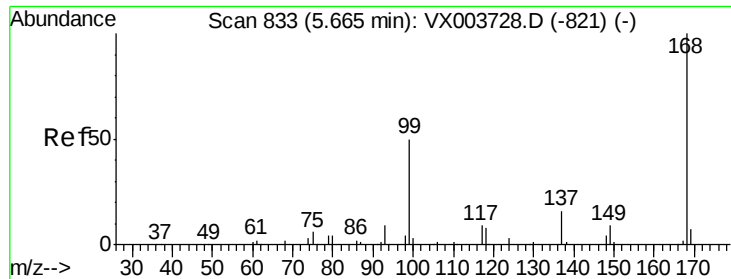
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	32005	32.22	ug/l	99
94) Hexachlorobutadiene	13.79	225	13769	21.67	ug/l	98
95) Naphthalene	13.83	128	130041	61.25	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	30097	33.37	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

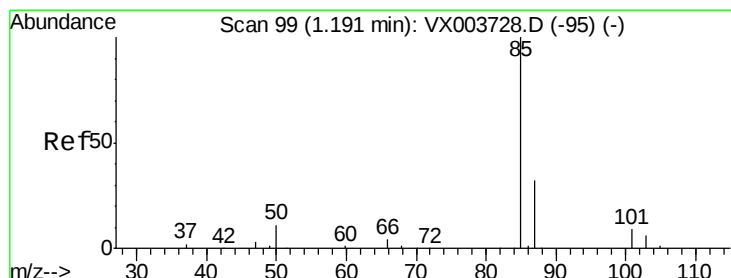
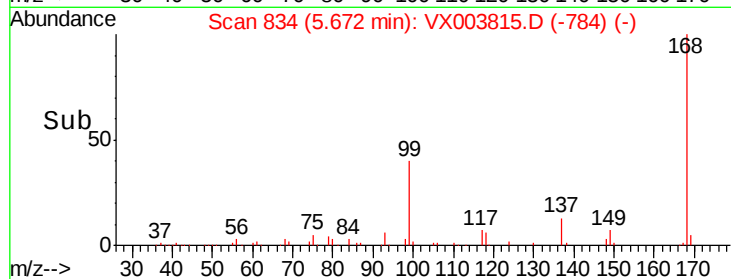
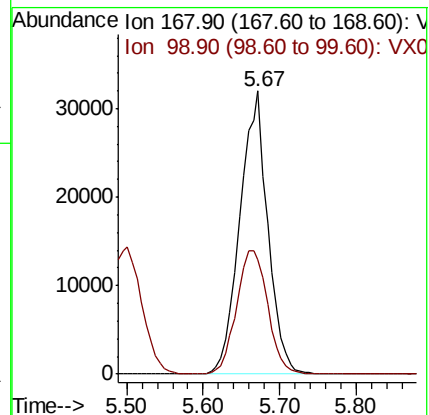
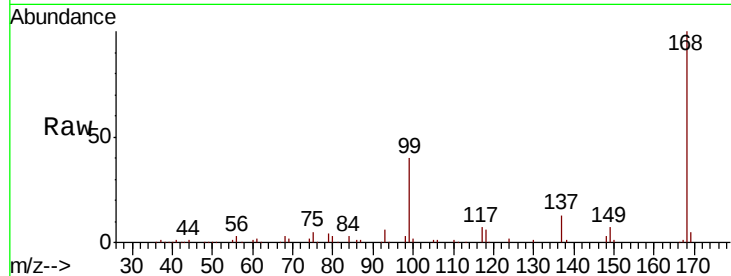
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 80980

Ion Ratio Lower Upper

168 100

99 40.4 40.2 60.2



#2

Dichlorodifluoromethane

Concen: 53.04 ug/l

RT: 1.19 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX003815.D

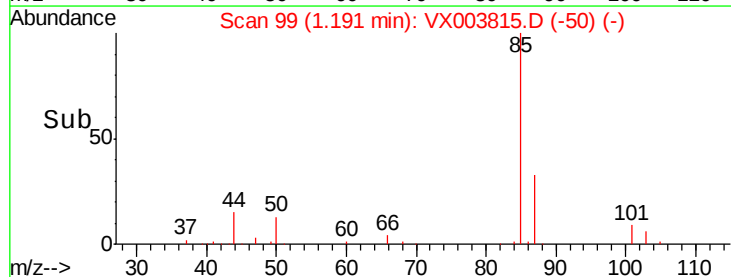
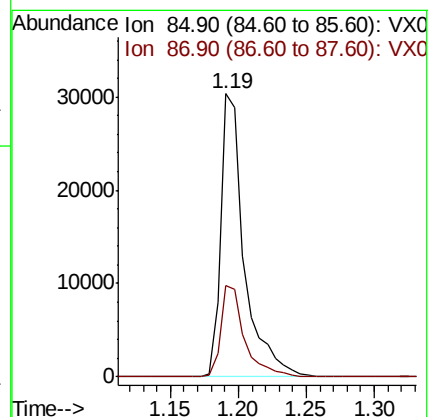
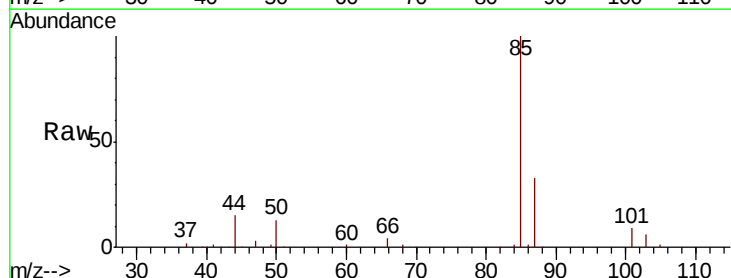
Acq: 02 Aug 2018 00:17

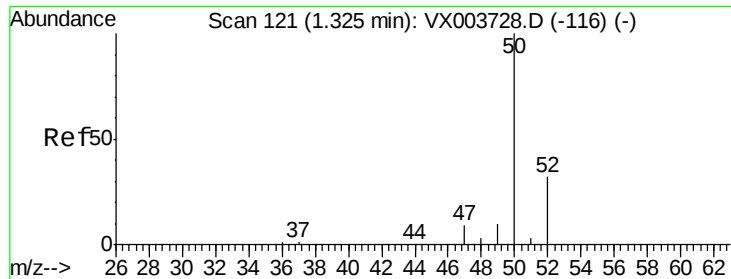
Tgt Ion: 85 Resp: 36252

Ion Ratio Lower Upper

85 100

87 32.5 16.1 48.2

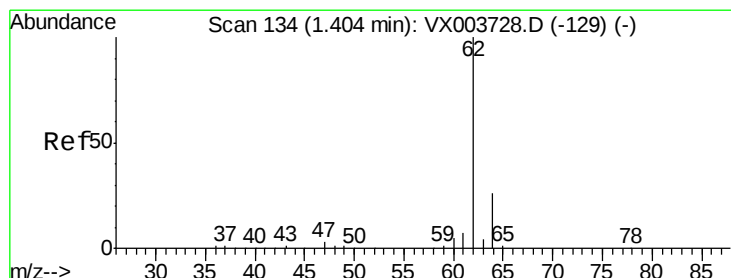
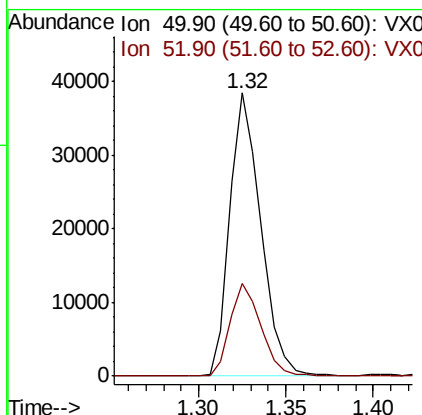
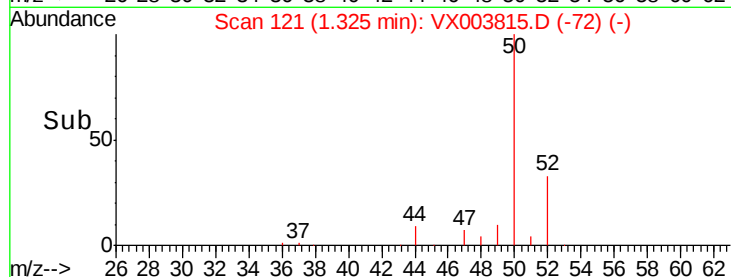
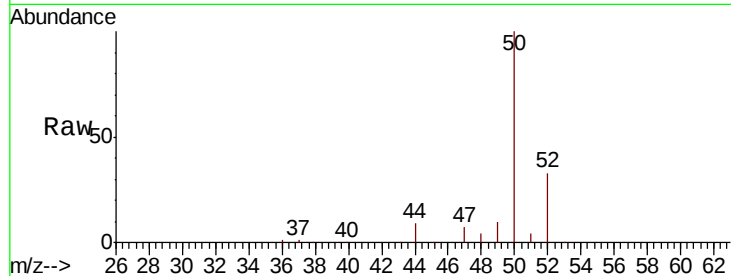




#3
Chloromethane
Concen: 55.22 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

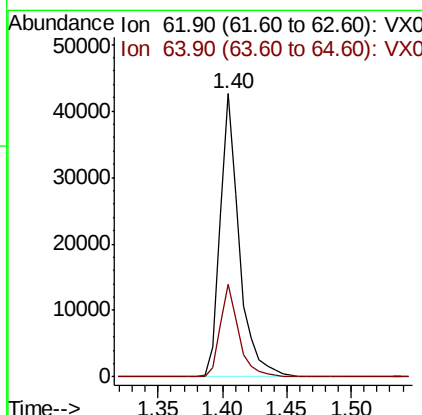
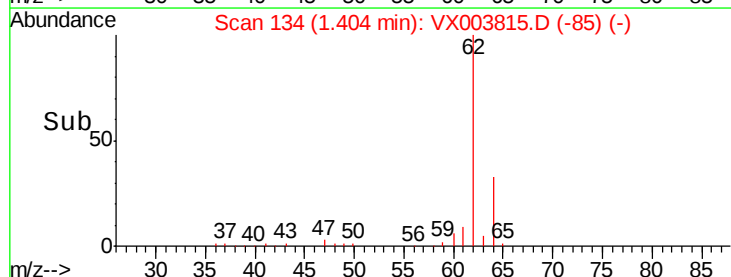
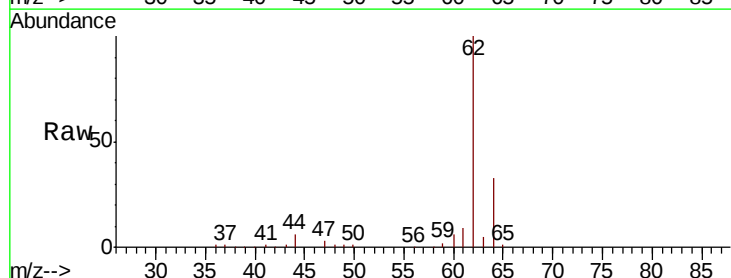
Instrument :
MSVOA_X
ClientSampleId :

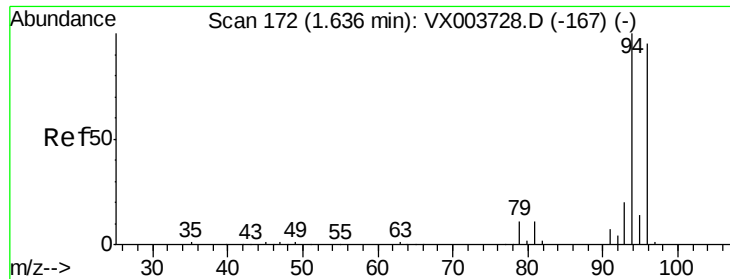
Tot Ion: 50 Resp: 47441
Ion Ratio Lower Upper
50 100
52 32.6 25.9 38.9



#4
Vinyl Chloride
Concen: 48.27 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Tgt Ion: 62 Resp: 44610
Ion Ratio Lower Upper
62 100
64 32.5 21.0 31.4#

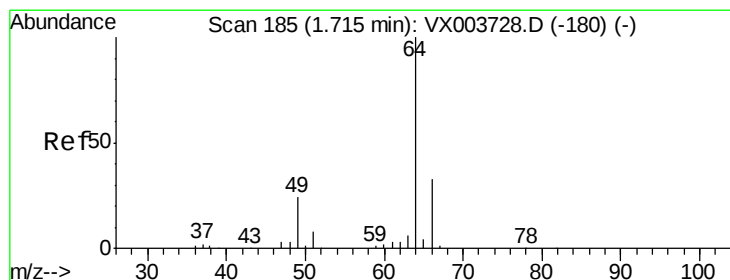
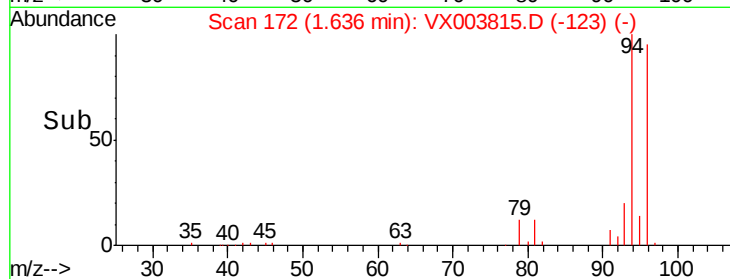
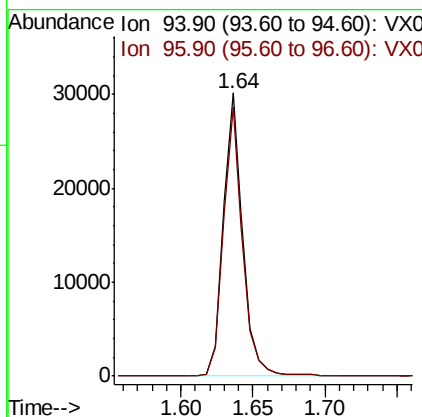
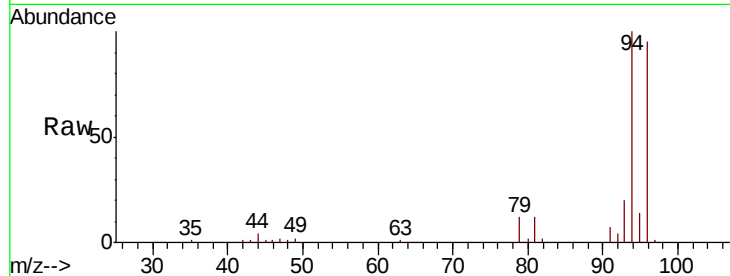




#5
Bromomethane
Concen: 57.23 ug/l
RT: 1.64 min Scan# 172
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

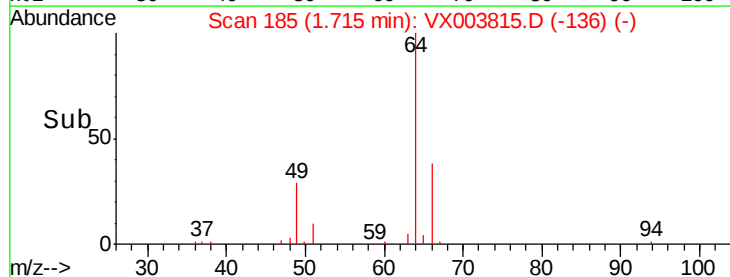
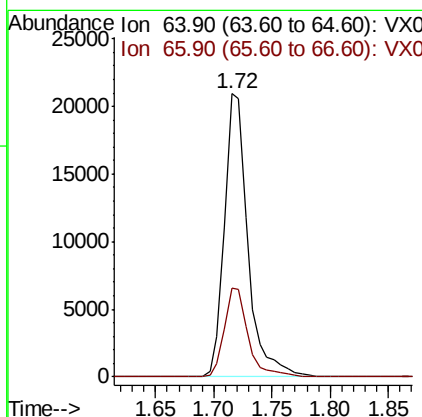
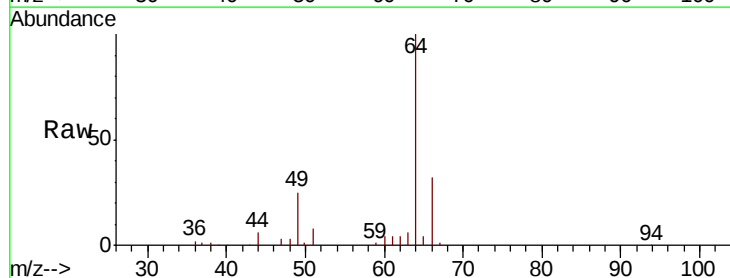
Instrument :
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ClientSampleId :

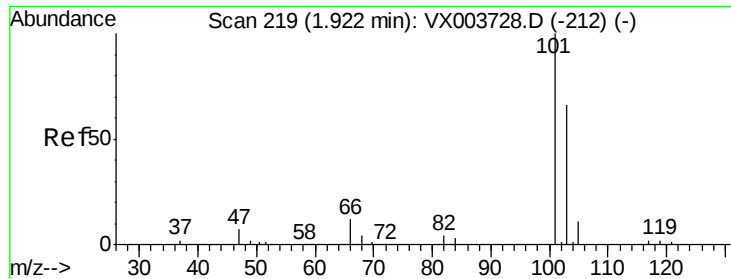
Tot Ion: 94 Resp: 28701
Ion Ratio Lower Upper
94 100
96 95.0 76.0 114.0



#6
Chloroethane
Concen: 48.09 ug/l
RT: 1.72 min Scan# 185
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Tgt Ion: 64 Resp: 29390
Ion Ratio Lower Upper
64 100
66 31.6 26.4 39.6



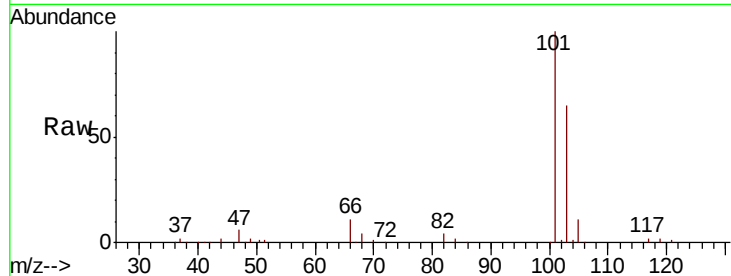


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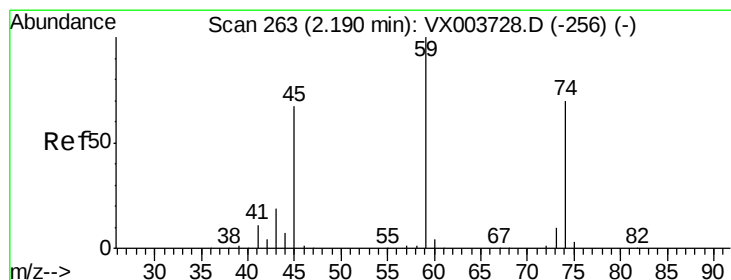
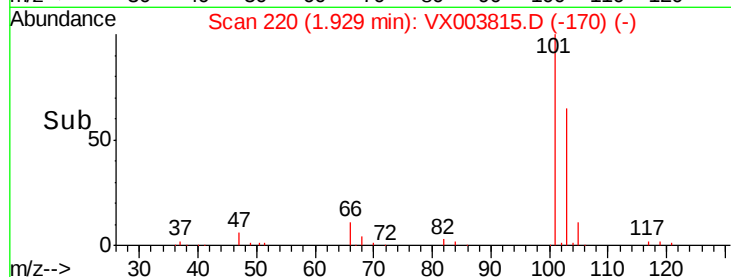
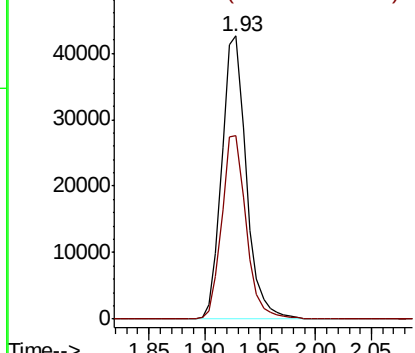
Trichlorofluoromethane
Concen: 53.56 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 64911
Ion Ratio Lower Upper
101 100
103 64.8 52.6 78.8



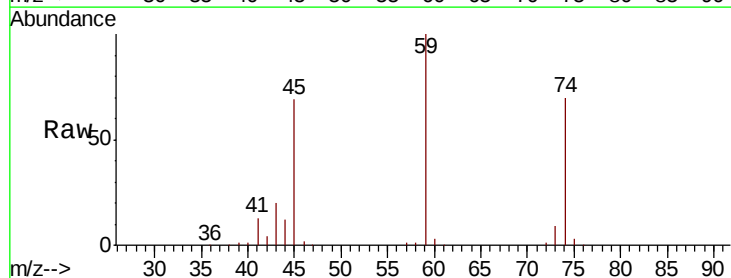
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



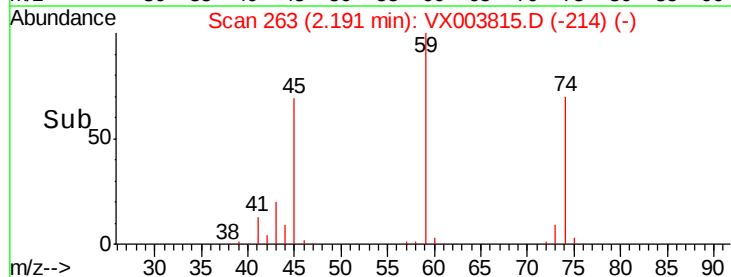
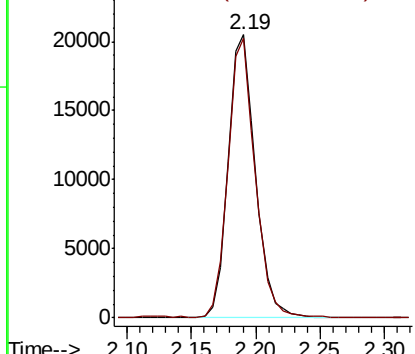
#8

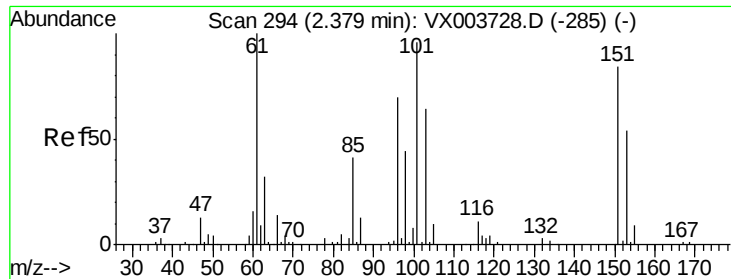
Diethyl Ether
Concen: 66.14 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Tgt Ion: 74 Resp: 30291
Ion Ratio Lower Upper
74 100
45 98.8 49.5 148.7



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.94 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

ClientSampled :

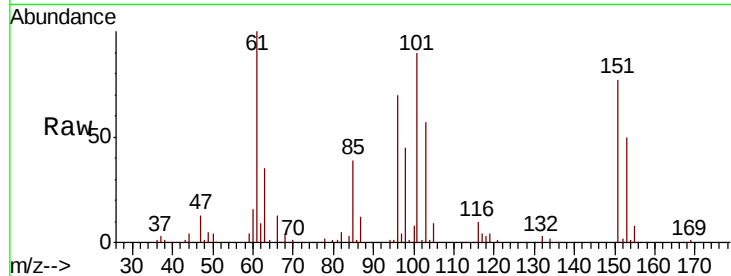
Tot Ion:101 Resp: 39931

Ion Ratio Lower Upper

101 100

85 42.6 33.3 49.9

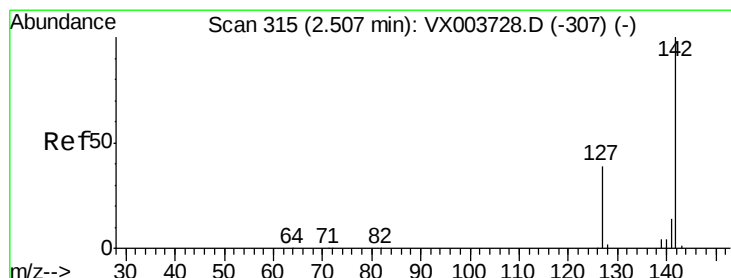
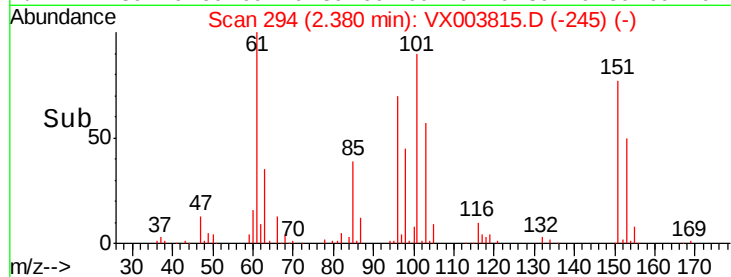
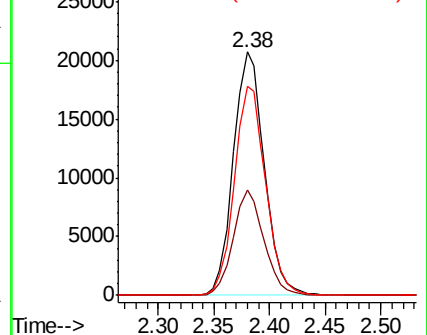
151 86.4 68.8 103.2



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: 36.53 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

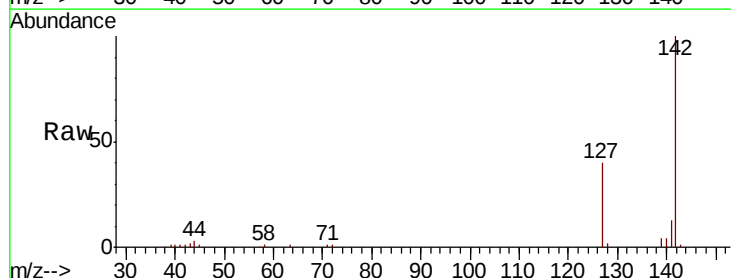
Tgt Ion:142 Resp: 32287

Ion Ratio Lower Upper

142 100

127 40.6 32.0 48.0

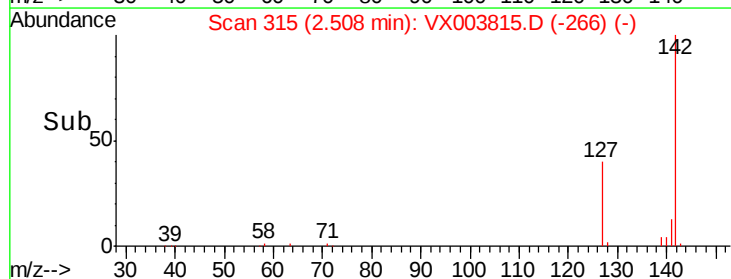
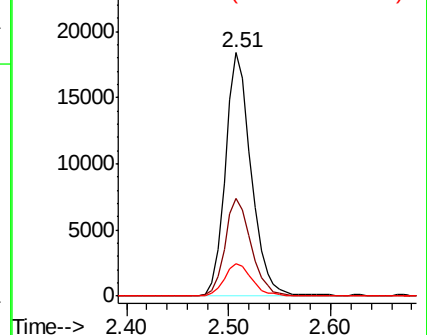
141 13.9 11.3 16.9

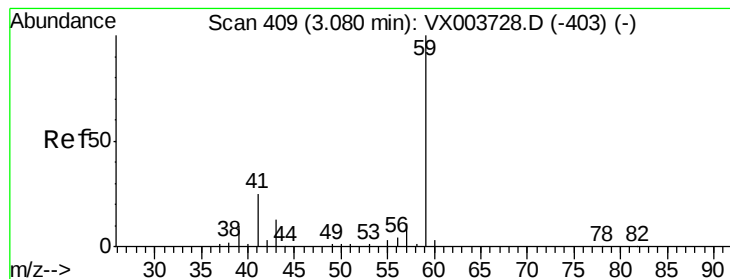


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



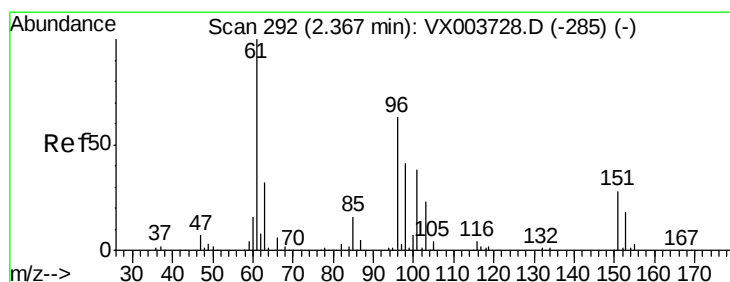
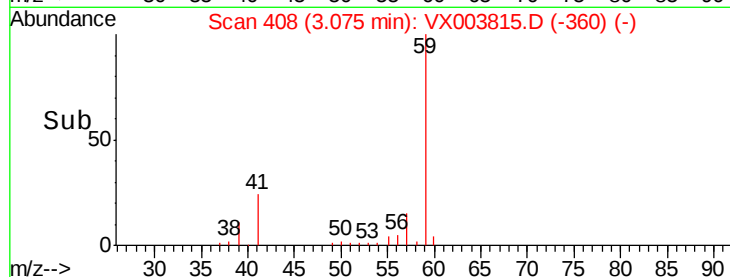
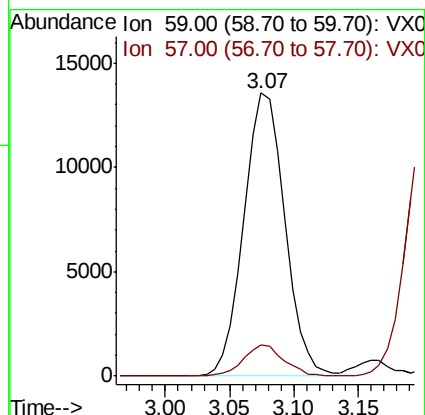
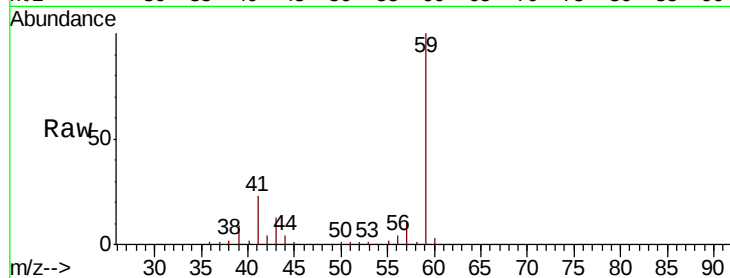


#11

Tert butyl alcohol
 Concen: 226.98 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Instrument :
 MSVOA_X
 ClientSampleId :

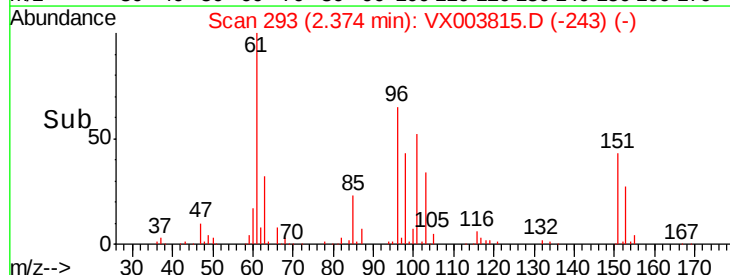
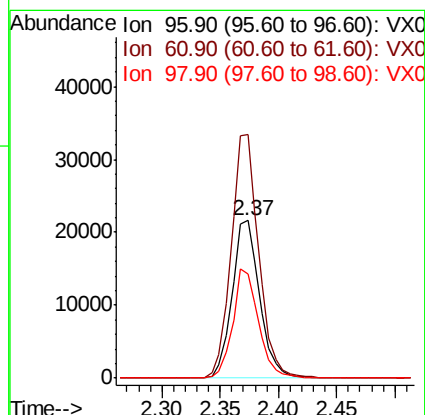
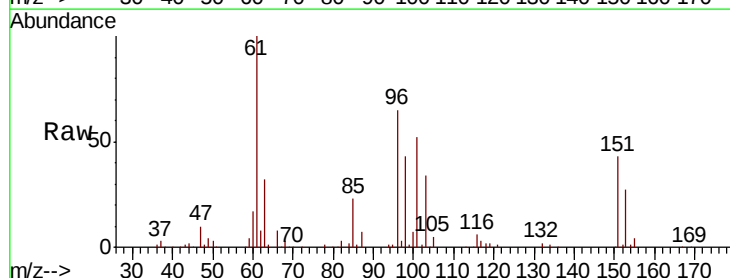
Tot Ion: 59 Resp: 30101
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.1 12.1

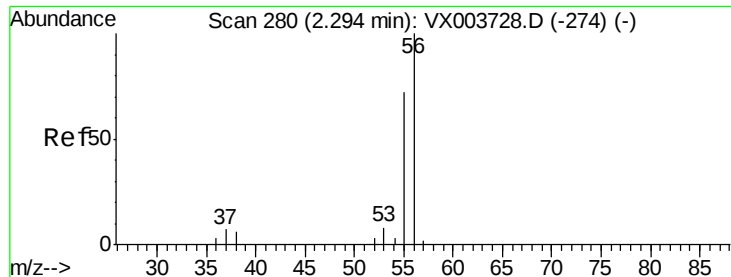


#12

1,1-Dichloroethene
 Concen: 49.00 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Tgt Ion: 96 Resp: 35470
 Ion Ratio Lower Upper
 96 100
 61 154.6 127.1 190.7
 98 65.8 52.0 78.0





#13

Acrolein

Concen: 3.94 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

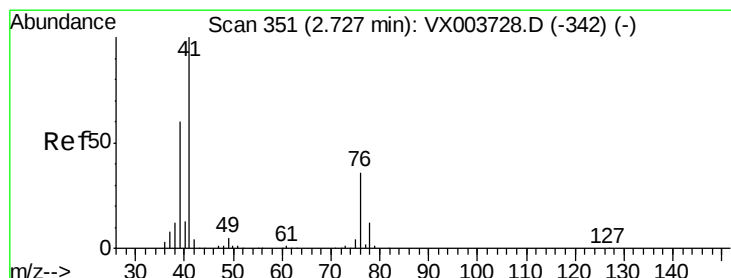
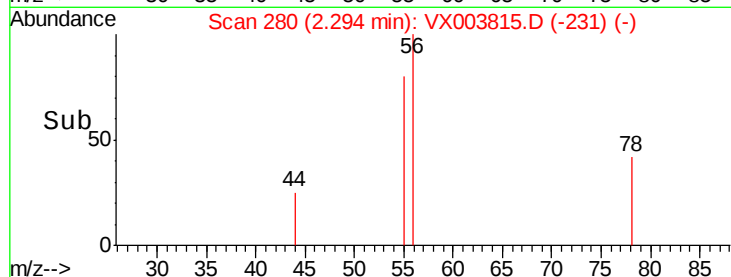
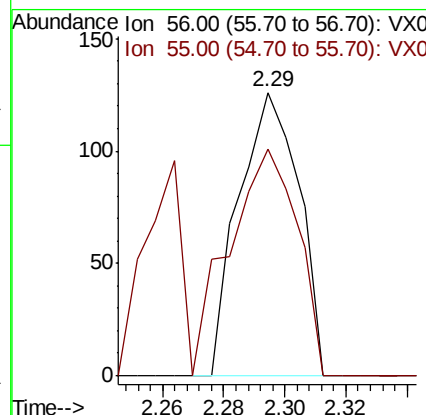
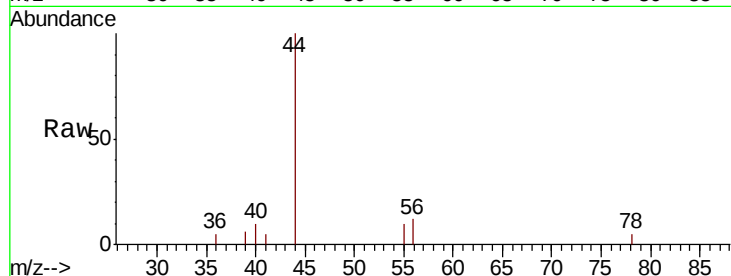
ClientSampled :

Tot Ion: 56 Resp: 171

Ion Ratio Lower Upper

56 100

55 91.8 61.4 92.0



#14

Allyl chloride

Concen: 36.01 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

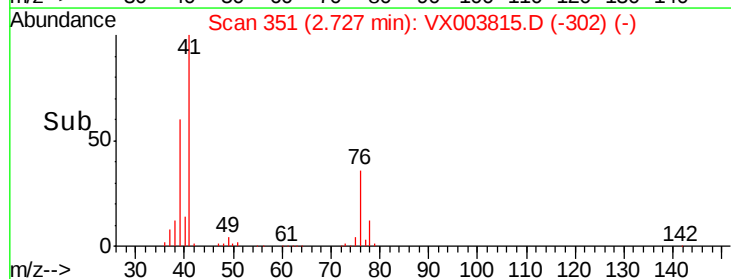
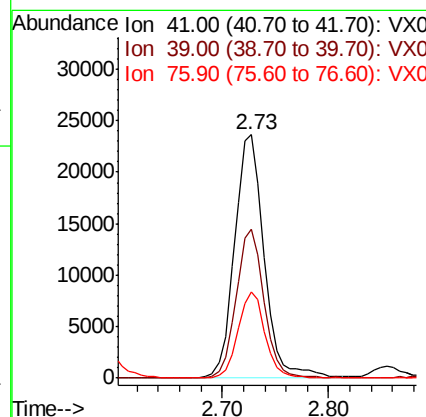
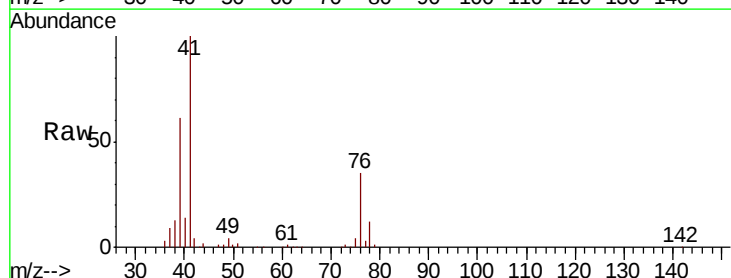
Tgt Ion: 41 Resp: 46203

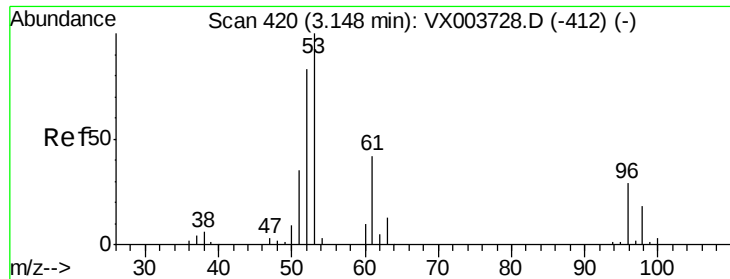
Ion Ratio Lower Upper

41 100

39 58.0 47.7 71.5

76 32.3 27.0 40.6





#15

Acrylonitrile

Concen: 238.14 ug/l

RT: 3.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

ClientSampled :

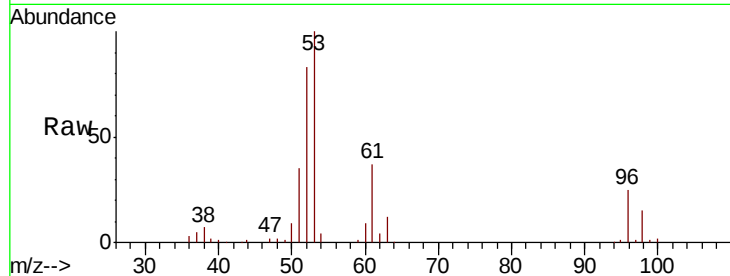
Tot Ion: 53 Resp: 80317

Ion Ratio Lower Upper

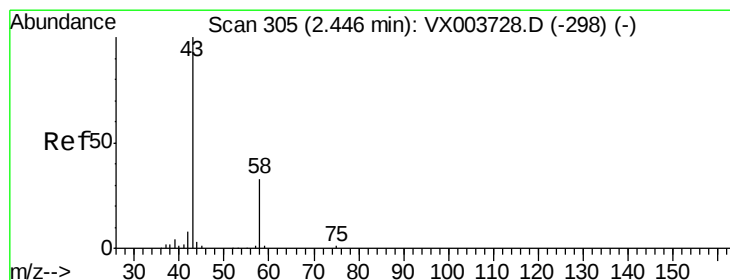
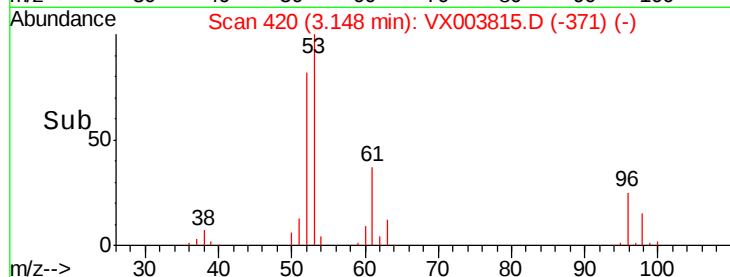
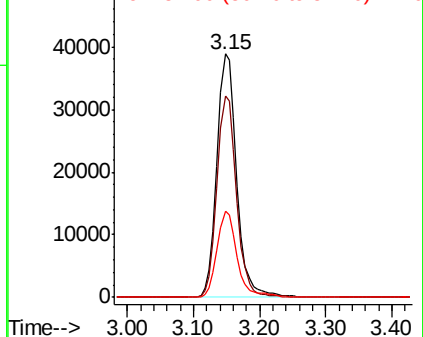
53 100

52 82.2 66.2 99.2

51 36.1 28.5 42.7



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 278.20 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003815.D

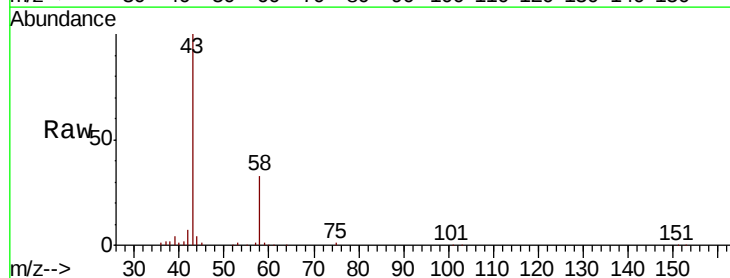
Acq: 02 Aug 2018 00:17

Tgt Ion: 43 Resp: 87031

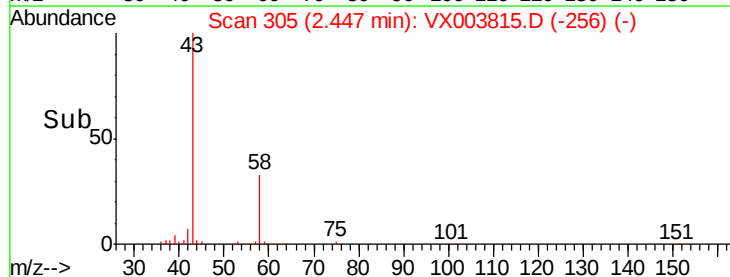
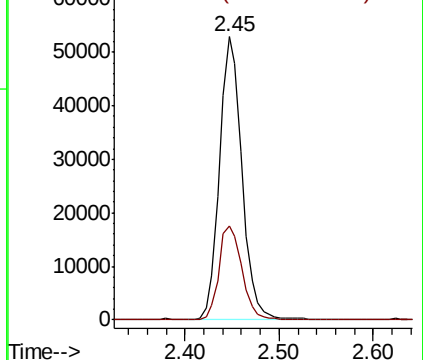
Ion Ratio Lower Upper

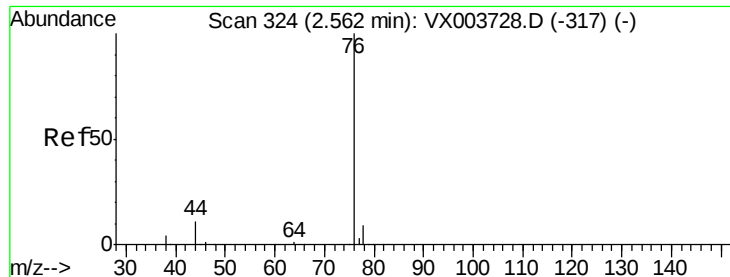
43 100

58 33.4 26.7 40.1



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

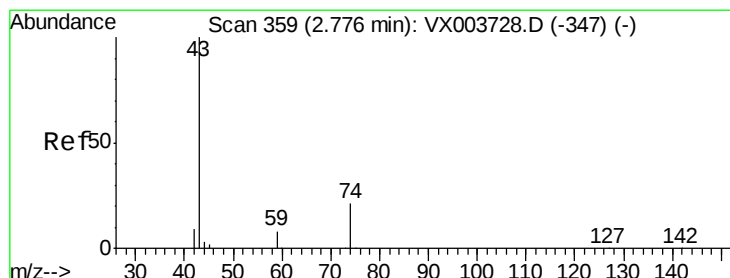
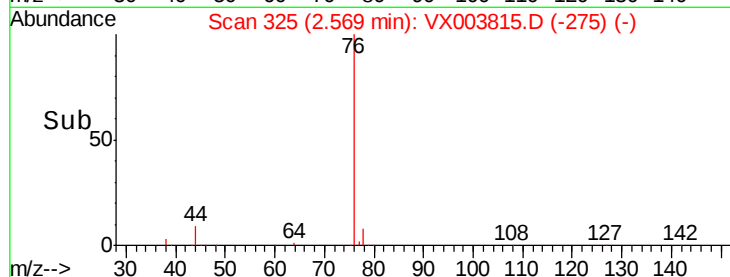
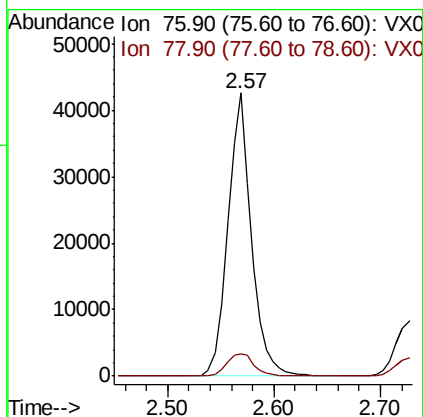
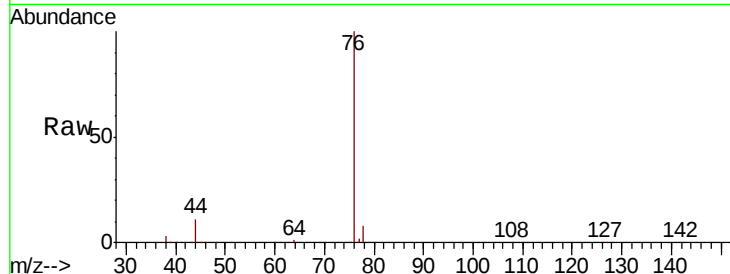




#17
Carbon Disulfide
Concen: 27.83 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

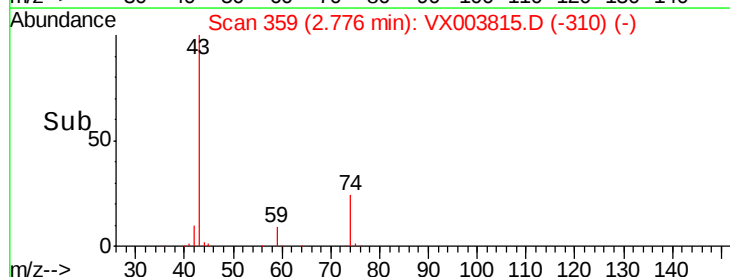
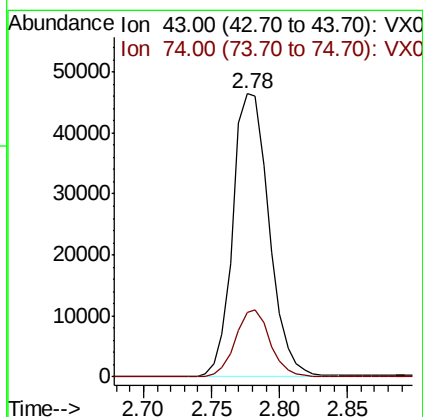
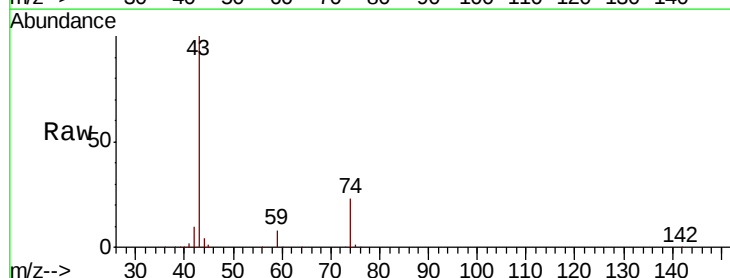
Instrument :
MSVOA_X
ClientSampleId :

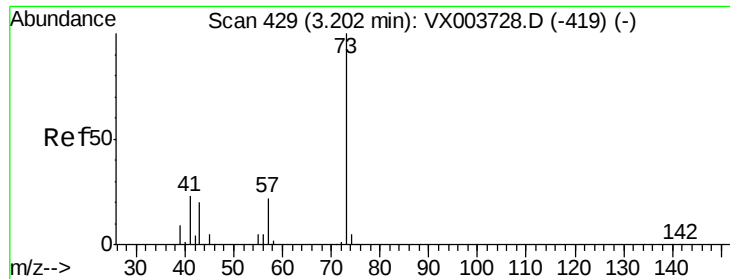
Tot Ion: 76 Resp: 65541
Ion Ratio Lower Upper
76 100
78 7.9 7.3 10.9



#18
Methyl Acetate
Concen: 98.27 ug/l
RT: 2.78 min Scan# 359
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Tgt Ion: 43 Resp: 86389
Ion Ratio Lower Upper
43 100
74 22.8 18.9 28.3

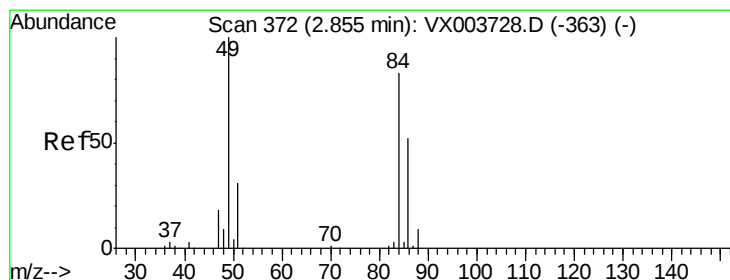
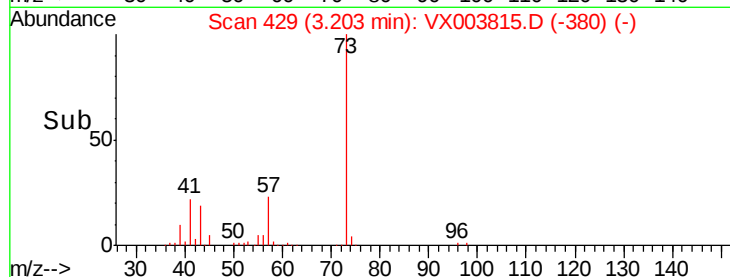
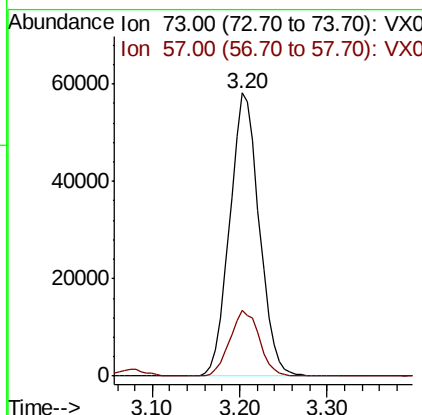
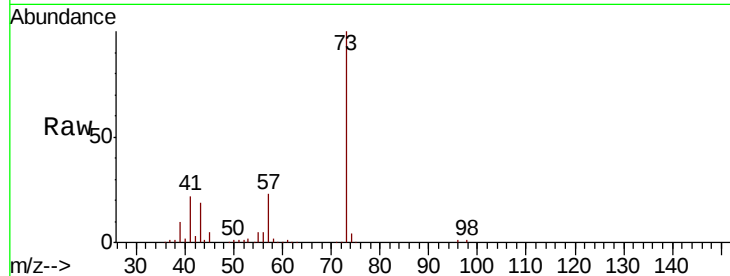




#19
Methvl tert-butvl Ether
Concen: 69.29 ug/l
RT: 3.20 min Scan# 429
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

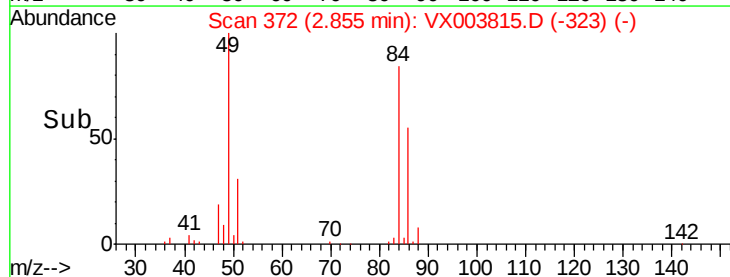
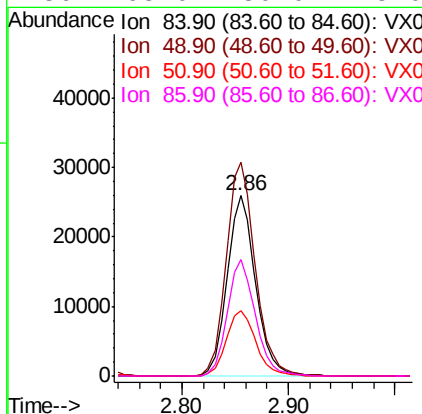
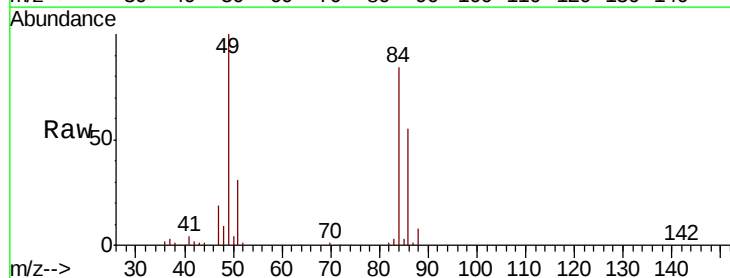
Instrument :
MSVOA_X
ClientSampleId :

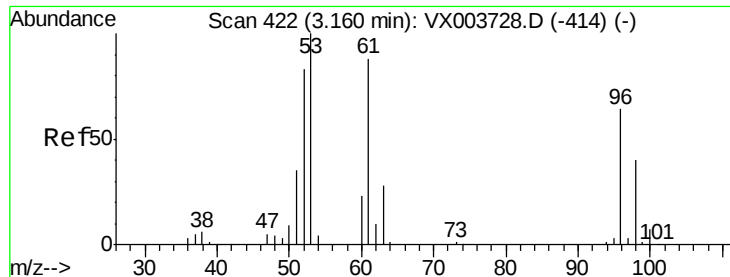
Tot Ion: 73 Resp: 136512
Ion Ratio Lower Upper
73 100
57 23.1 18.0 27.0



#20
Methylene Chloride
Concen: 59.42 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Tgt Ion: 84 Resp: 48458
Ion Ratio Lower Upper
84 100
49 118.6 95.8 143.8
51 36.6 29.6 44.4
86 65.0 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 41.21 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

ClientSampled :

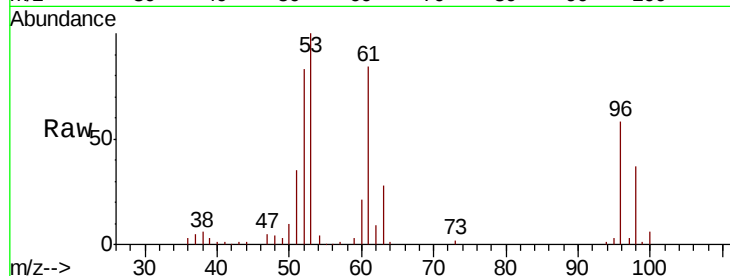
Tot Ion: 96 Resp: 32686

Ion Ratio Lower Upper

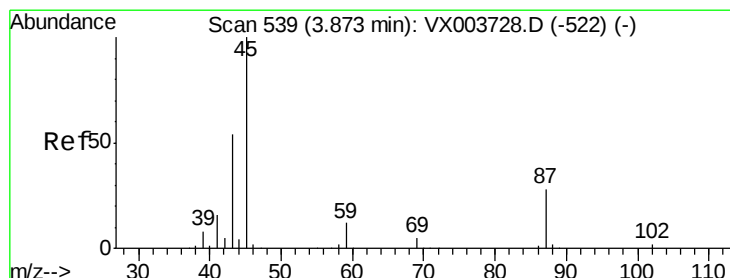
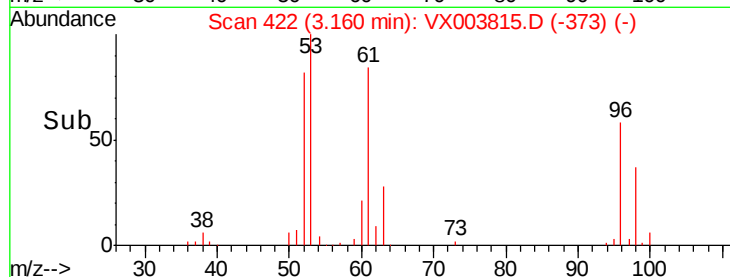
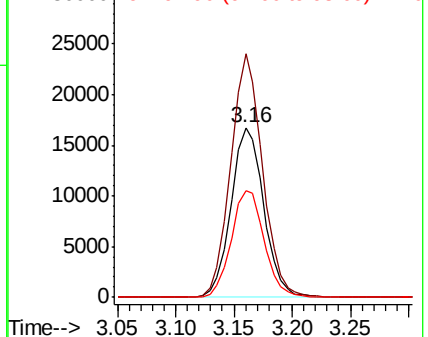
96 100

61 143.6 110.9 166.3

98 63.0 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: 67.30 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Tgt Ion: 45 Resp: 155889

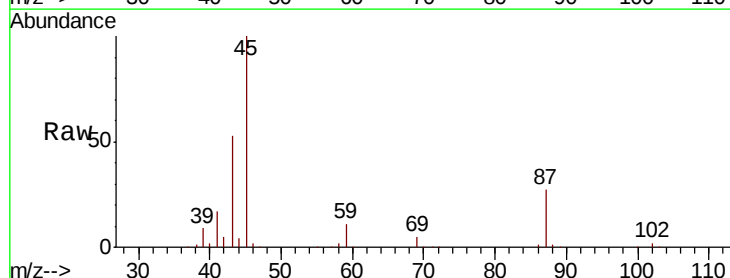
Ion Ratio Lower Upper

45 100

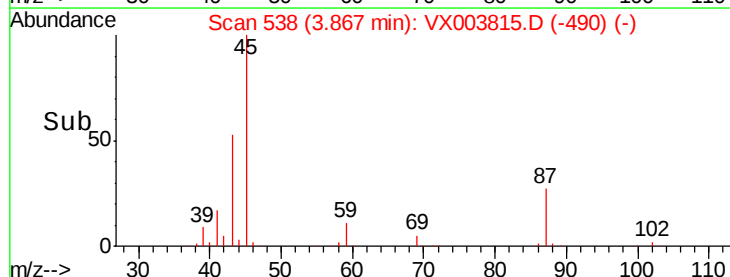
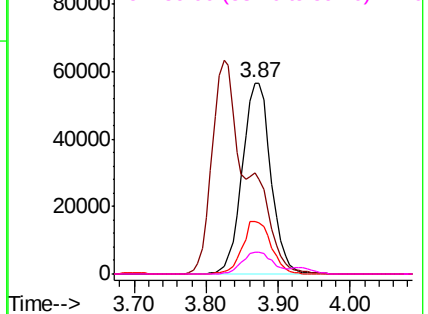
43 52.8 43.5 65.3

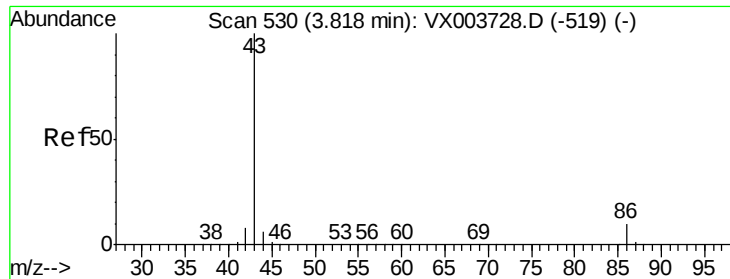
87 27.4 22.6 33.8

59 11.4 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: 94.65 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.01 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

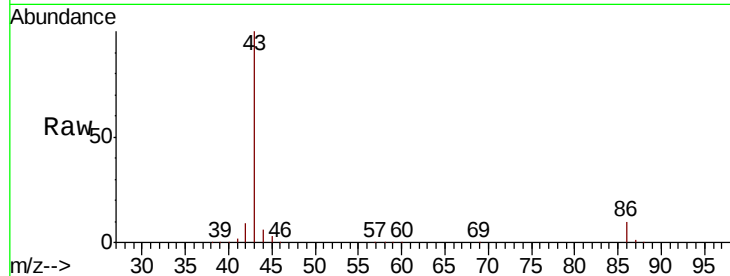
ClientSampleId :

Tot Ion: 43 Resp: 158110

Ion Ratio Lower Upper

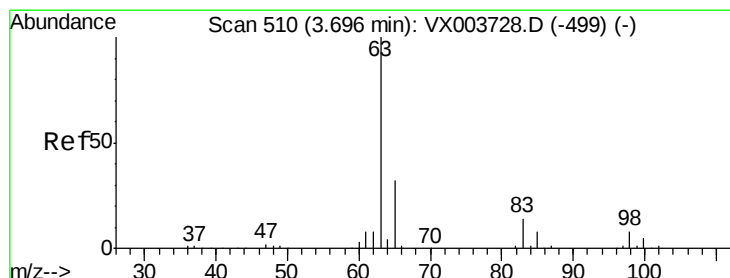
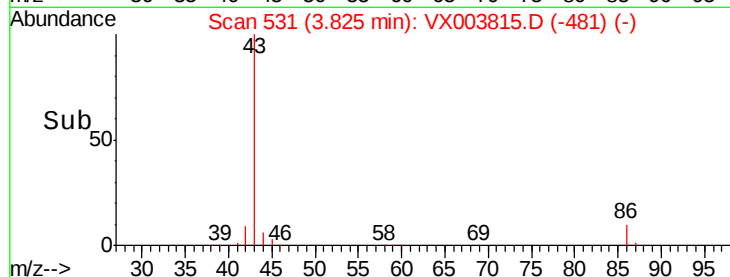
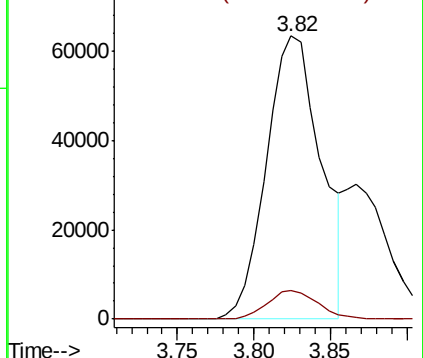
43 100

86 10.0 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 62.82 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

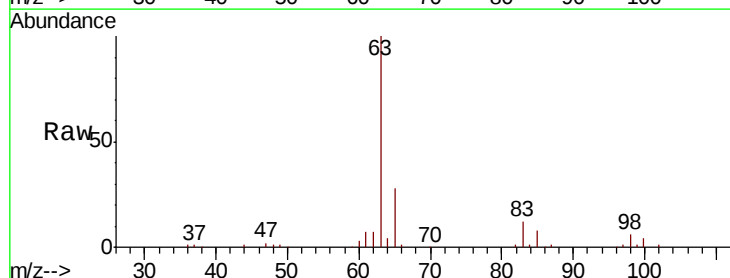
Tgt Ion: 63 Resp: 84858

Ion Ratio Lower Upper

63 100

98 6.2 4.0 12.0

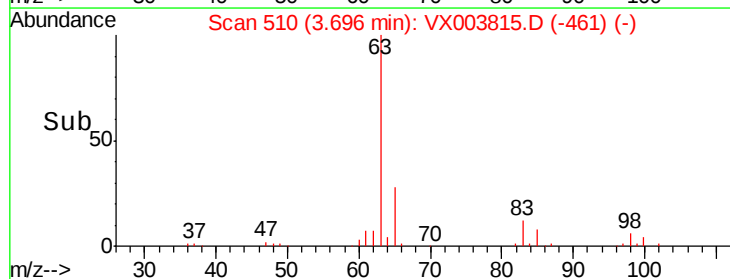
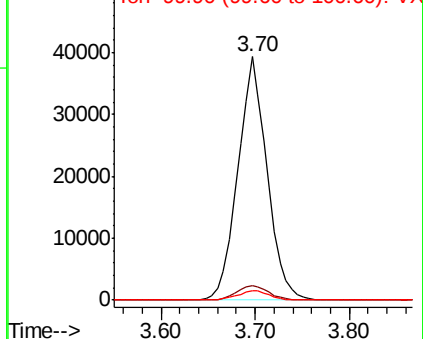
100 4.0 2.4 7.2

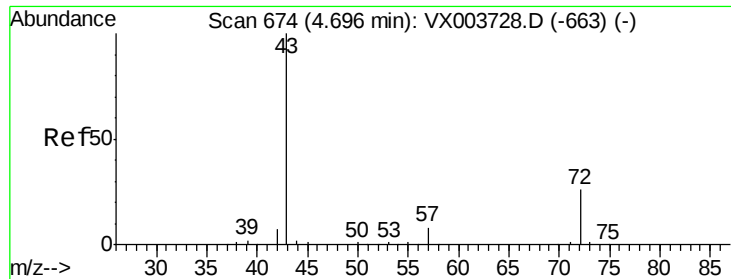


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 253.19 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.01 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

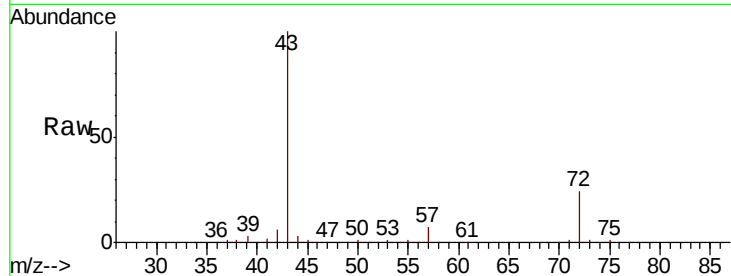
ClientSampleId :

Tot Ion: 43 Resp: 115469

Ion Ratio Lower Upper

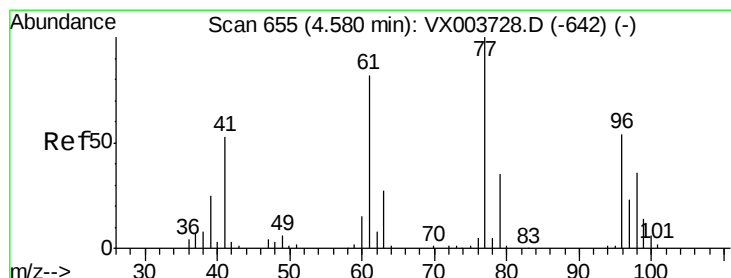
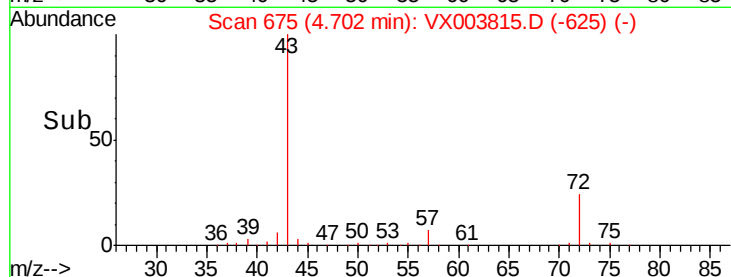
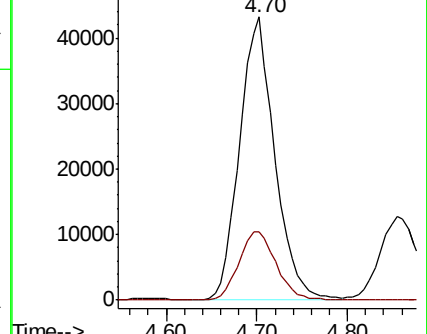
43 100

72 24.3 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: 45.69 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX003815.D

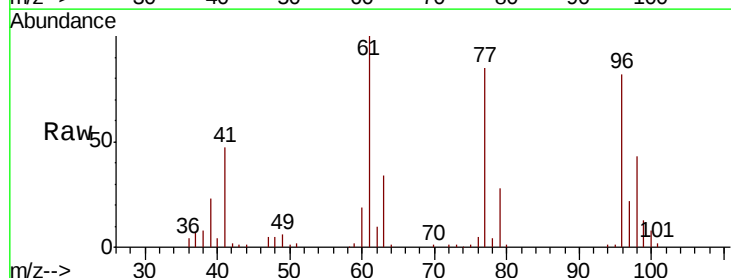
Acq: 02 Aug 2018 00:17

Tgt Ion: 77 Resp: 48603

Ion Ratio Lower Upper

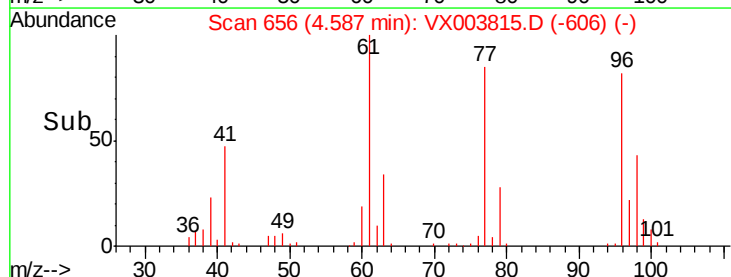
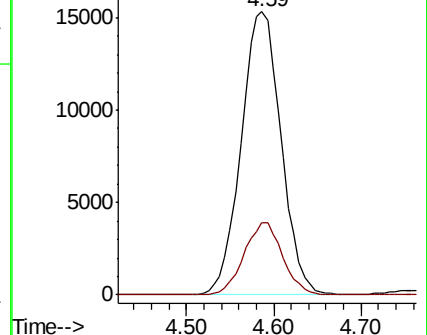
77 100

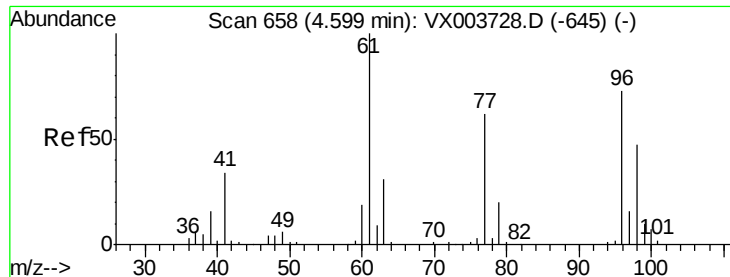
97 24.4 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 53.26 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

ClientSampled :

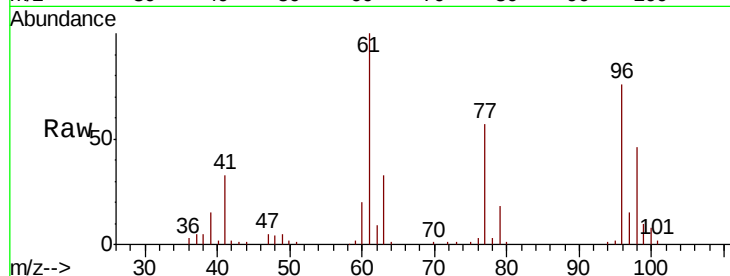
Tot Ion: 96 Resp: 45520

Ion Ratio Lower Upper

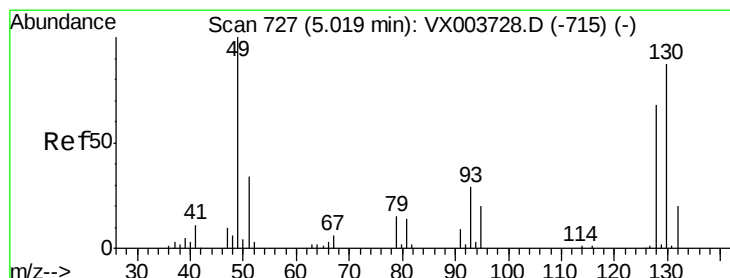
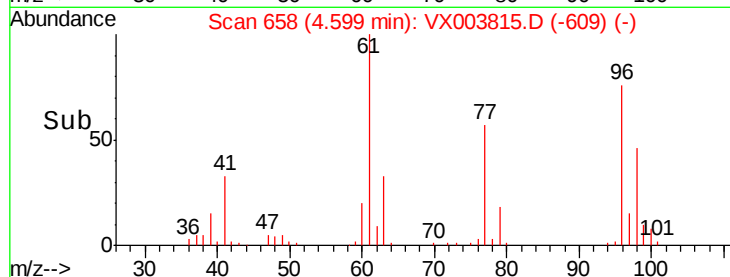
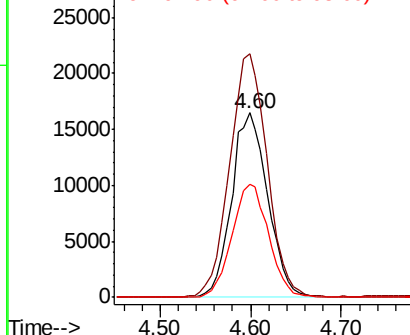
96 100

61 137.1 0.0 285.6

98 62.0 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: 53.66 ug/l

RT: 5.02 min Scan# 727

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

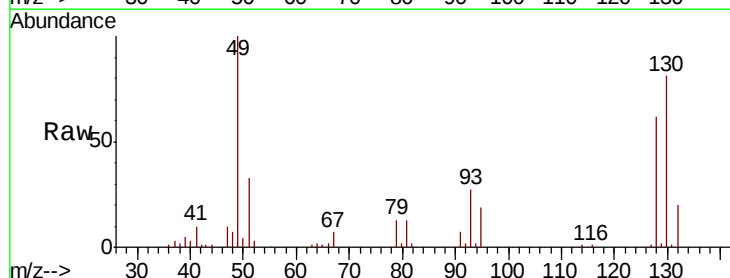
Tgt Ion: 49 Resp: 32515

Ion Ratio Lower Upper

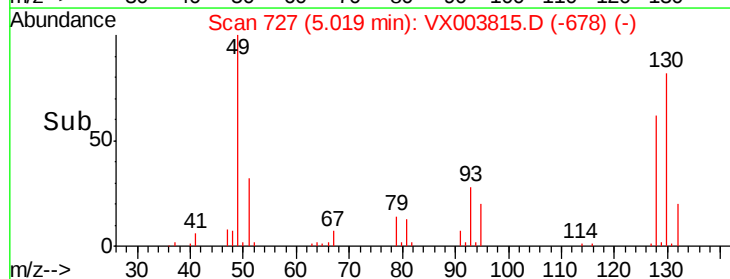
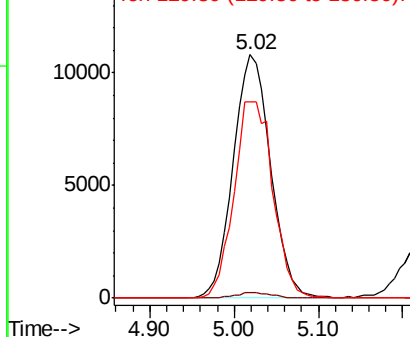
49 100

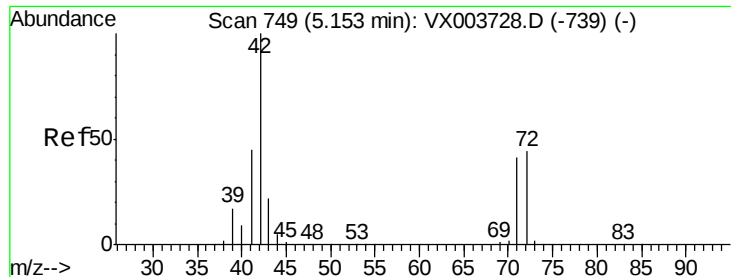
129 2.1 0.0 4.0

130 84.0 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

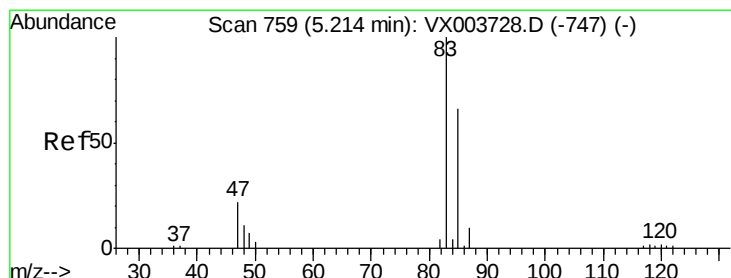
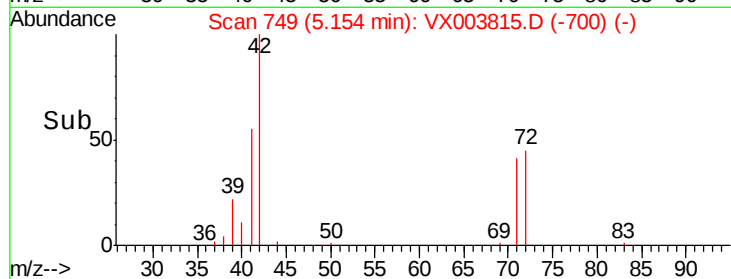
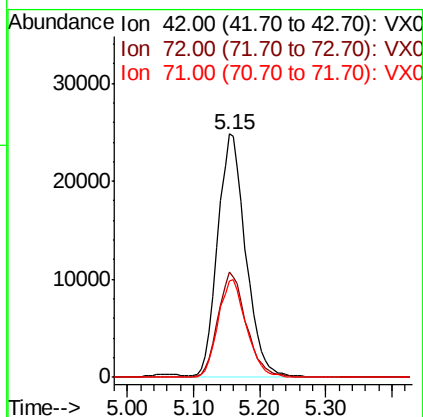
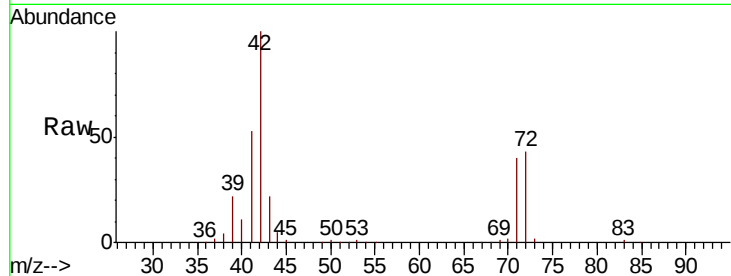




#29
Tetrahydrofuran
Concen: 250.40 ug/l
RT: 5.15 min Scan# 749
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

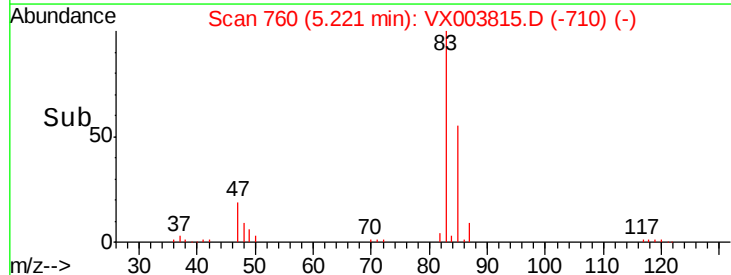
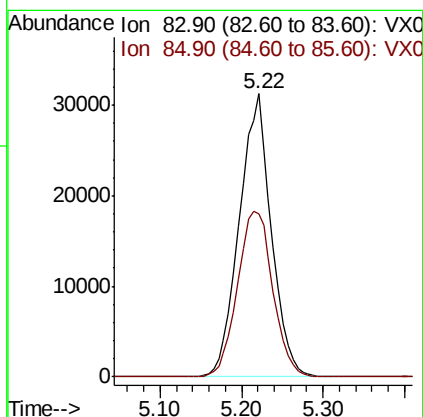
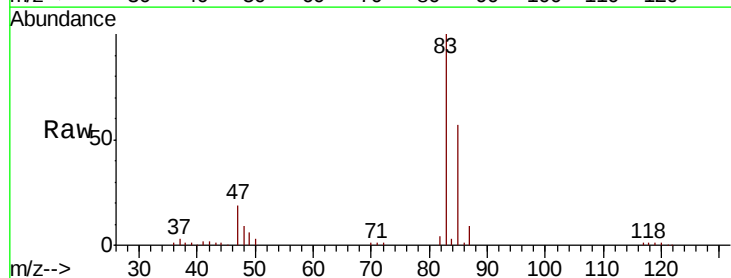
Instrument :
MSVOA_X
ClientSampleId :

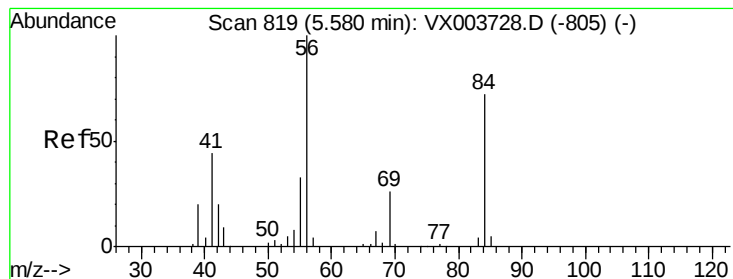
Tot Ion: 42 Resp: 72774
Ion Ratio Lower Upper
42 100
72 43.8 35.6 53.4
71 40.5 33.4 50.0



#30
Chloroform
Concen: 63.94 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Tgt Ion: 83 Resp: 85103
Ion Ratio Lower Upper
83 100
85 57.4 52.8 79.2





#31

Cyclohexane

Concen: 47.24 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

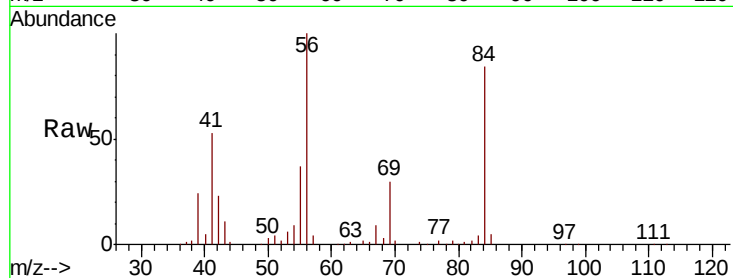
Tot Ion: 56 Resp: 61642

Ion Ratio Lower Upper

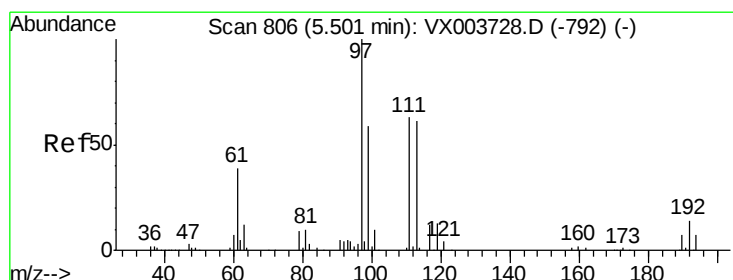
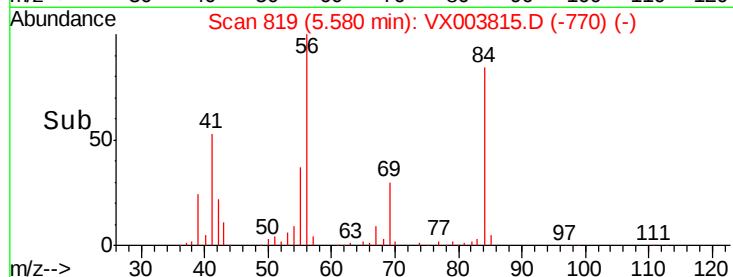
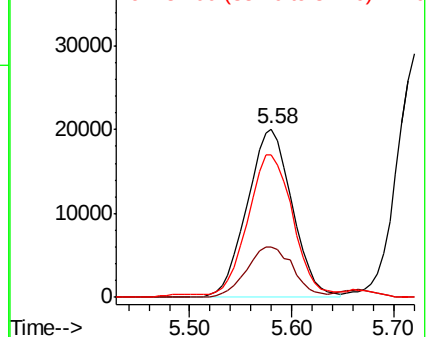
56 100

69 29.7 20.6 30.8

84 82.6 57.9 86.9



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



#32

1,1,1-Trichloroethane

Concen: 58.86 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

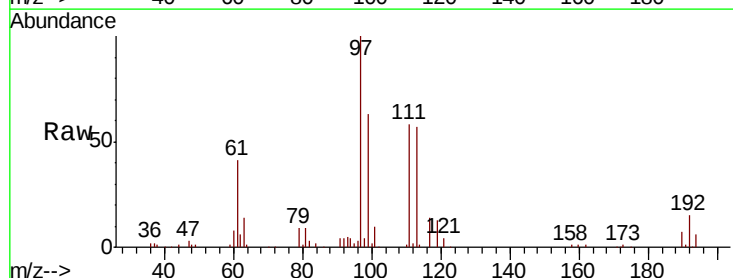
Tgt Ion: 97 Resp: 67339

Ion Ratio Lower Upper

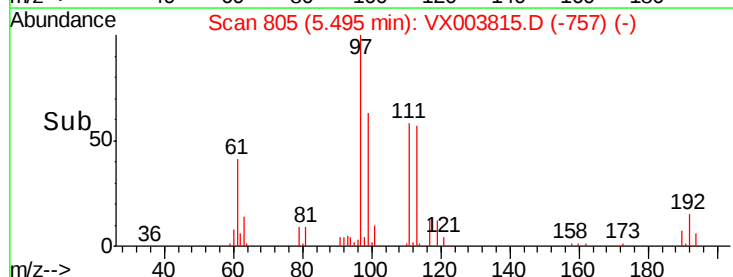
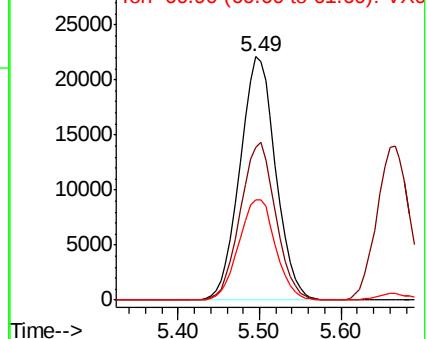
97 100

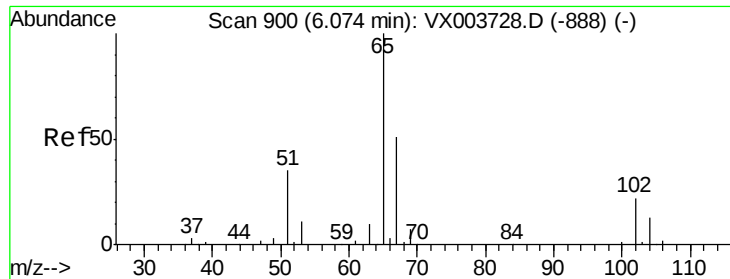
99 64.1 51.4 77.2

61 42.6 33.4 50.2



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





#33

1,2-Dichloroethane-d4

Concen: 56.28 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

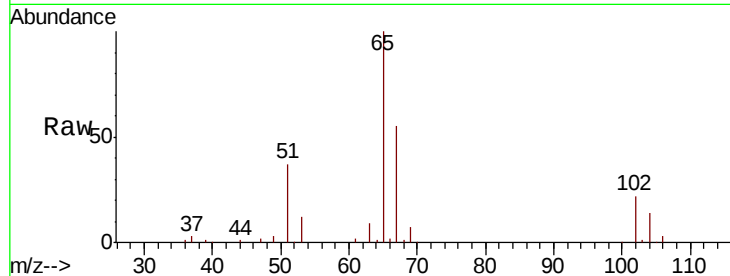
ClientSampleId :

Tot Ion: 65 Resp: 46093

Ion Ratio Lower Upper

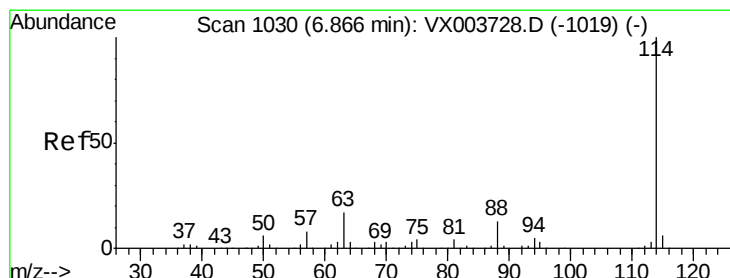
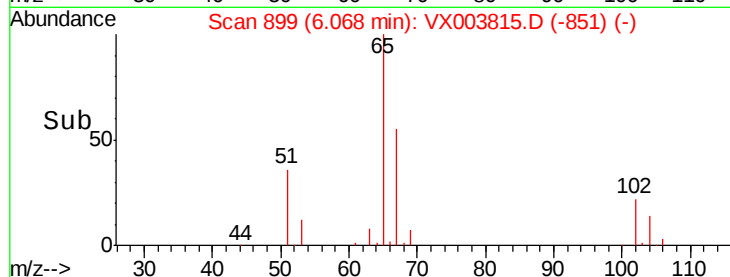
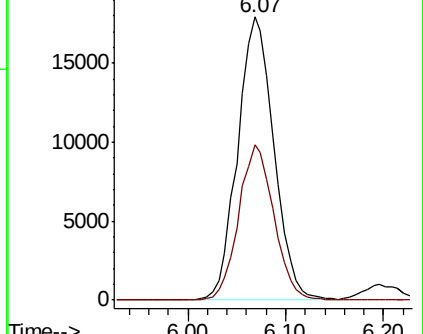
65 100

67 53.3 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

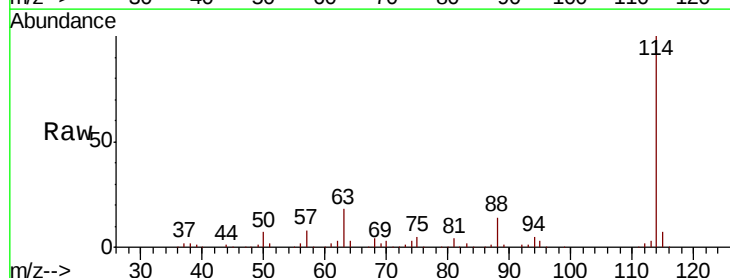
Tgt Ion: 114 Resp: 118124

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.0

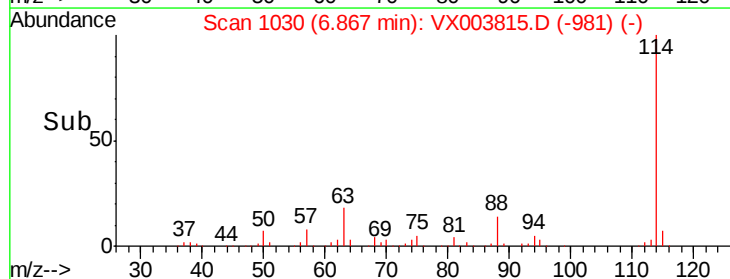
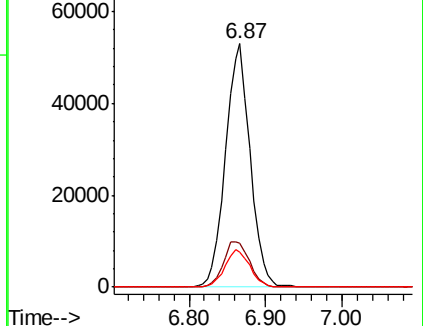
88 14.2 0.0 26.4

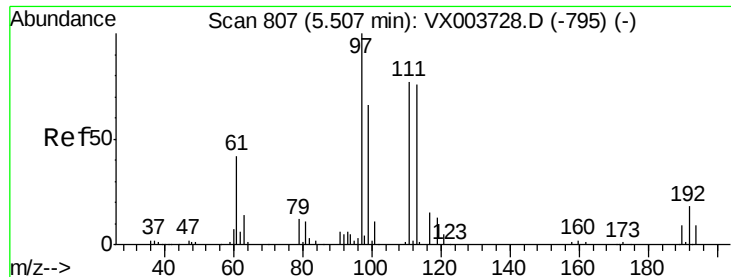


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

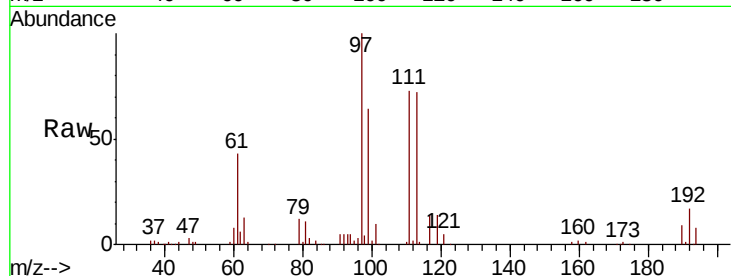




#35
Dibromofluoromethane
Concen: 58.23 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.8	122.6
192	24.2	18.8	28.2

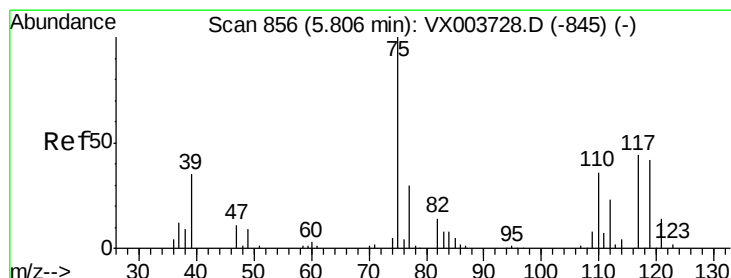
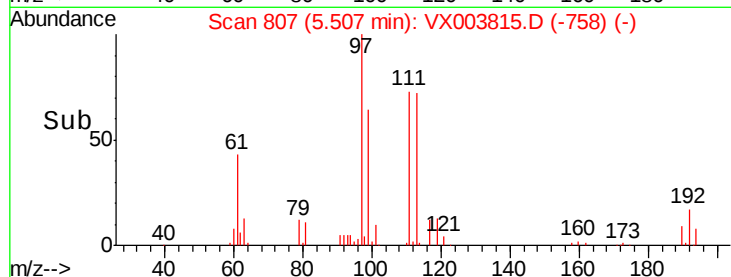
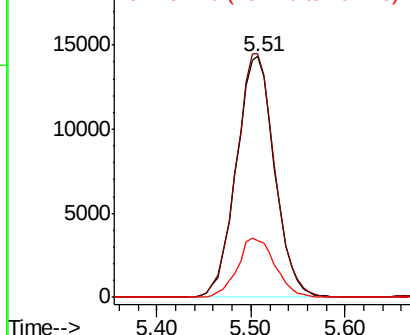


Abundance

Ion 112.80 (112.50 to 113.50): V

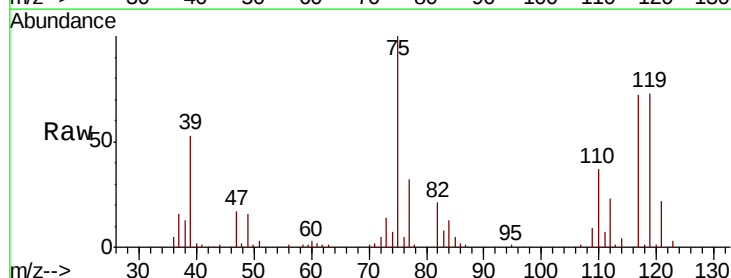
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
1,1-Dichloropropene
Concen: 47.16 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.01 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.7	18.3	54.8
77	31.4	25.1	37.7

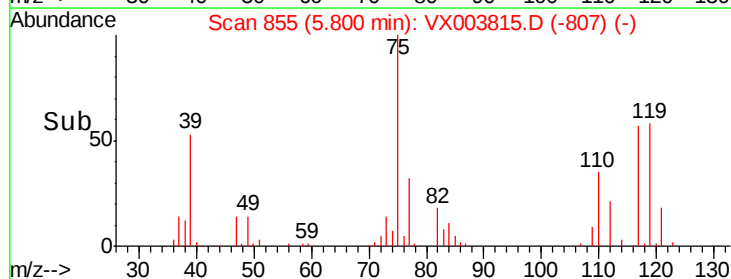
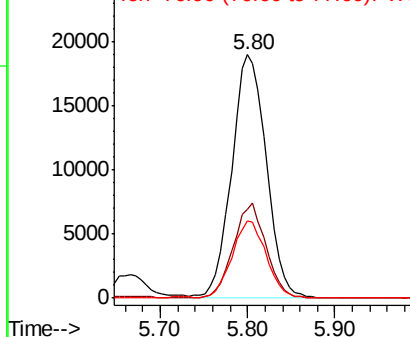


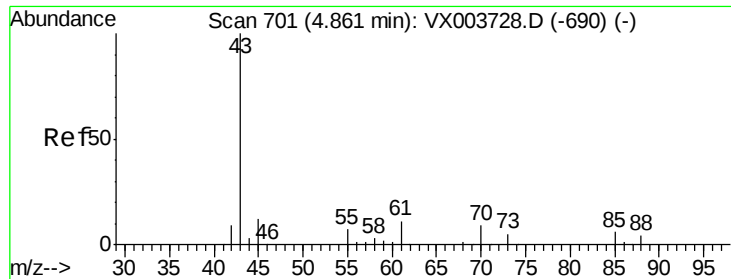
Abundance

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

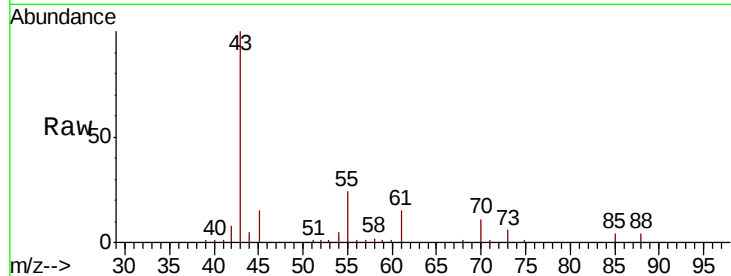




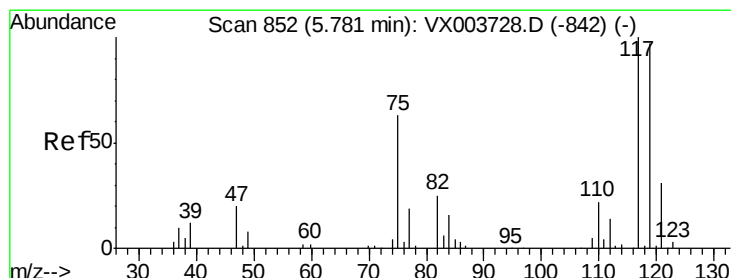
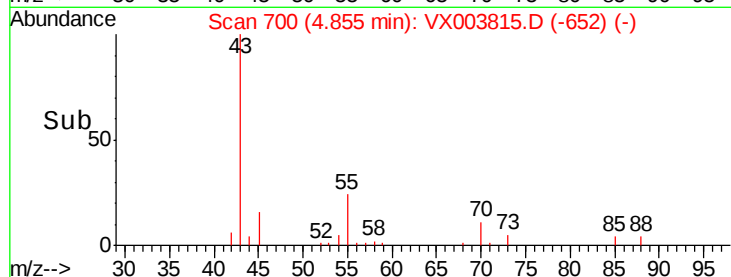
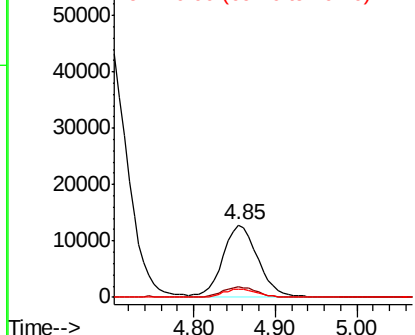
#37
Ethyl Acetate
Concen: 44.31 ug/l
RT: 4.85 min Scan# 700
Delta R.T. -0.01 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Instrument :
MSVOA_X
ClientSampleID :

Tot Ion: 43 Resp: 37652
Ion Ratio Lower Upper
43 100
61 14.7 11.4 17.0
70 10.7 8.2 12.2

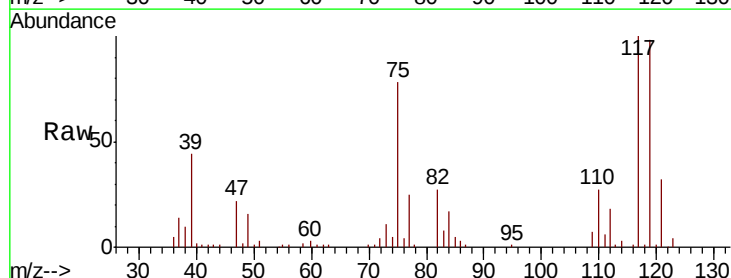


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

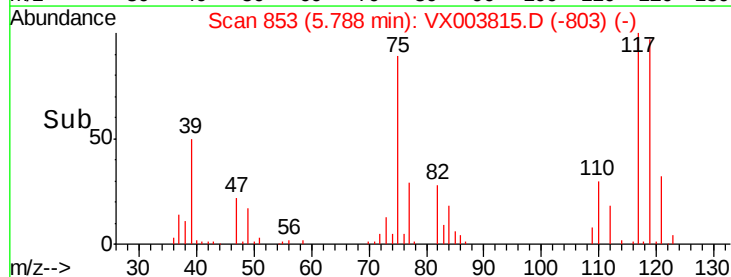
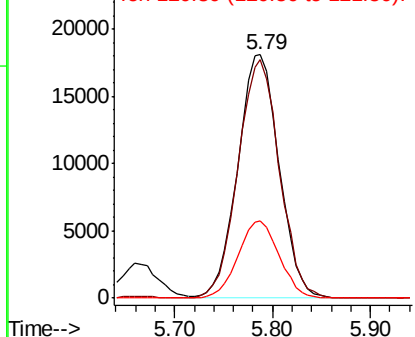


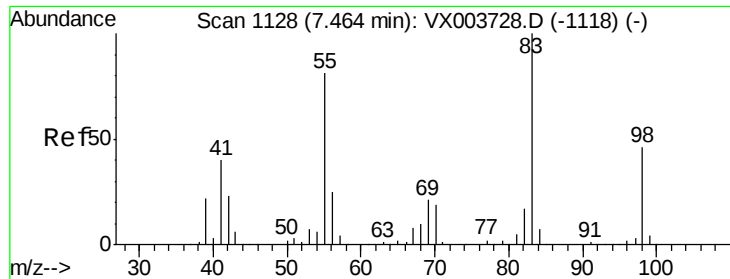
#38
Carbon Tetrachloride
Concen: 51.86 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Tgt Ion: 117 Resp: 53066
Ion Ratio Lower Upper
117 100
119 97.9 77.2 115.8
121 31.9 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

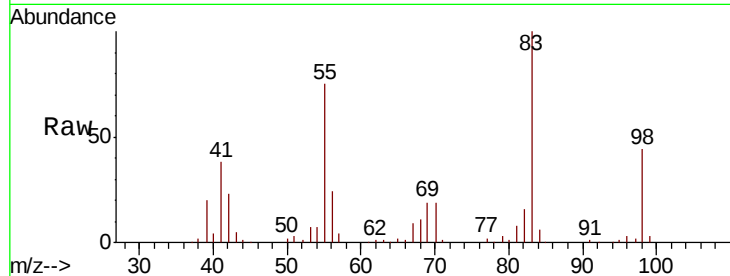




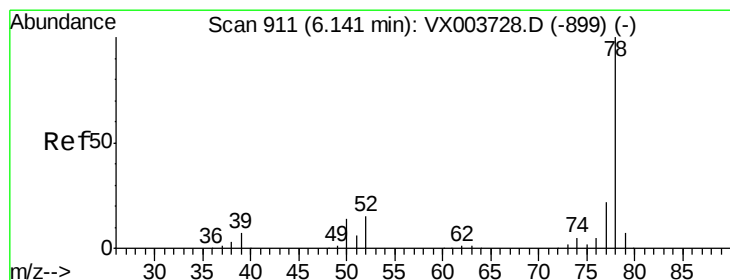
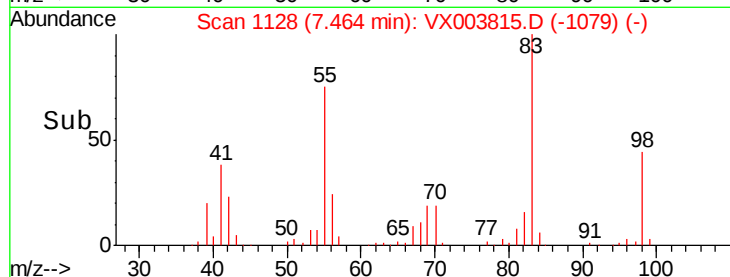
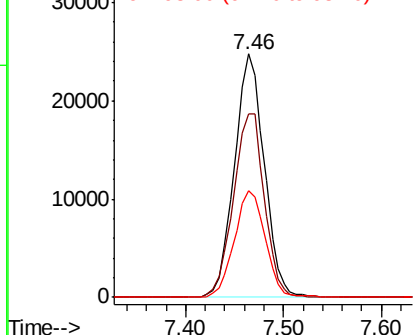
#39
Methvlcvclohexane
Concen: 38.68 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 52529
Ion Ratio Lower Upper
83 100
55 75.2 65.0 97.6
98 44.0 37.1 55.7

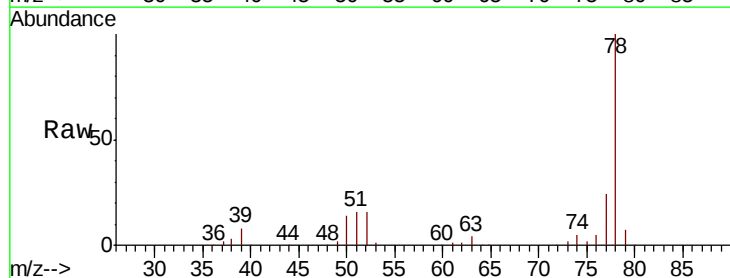


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

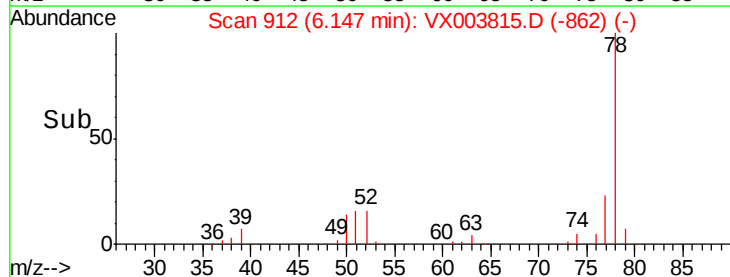
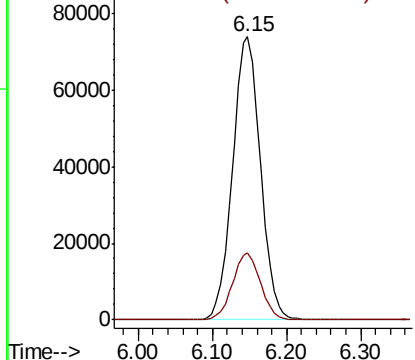


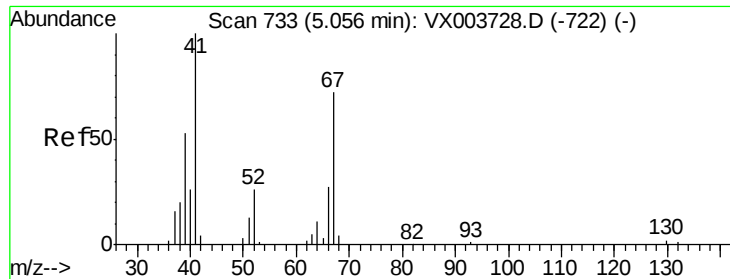
#40
Benzene
Concen: 61.19 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Tgt Ion: 78 Resp: 193979
Ion Ratio Lower Upper
78 100
77 23.8 17.9 26.9



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

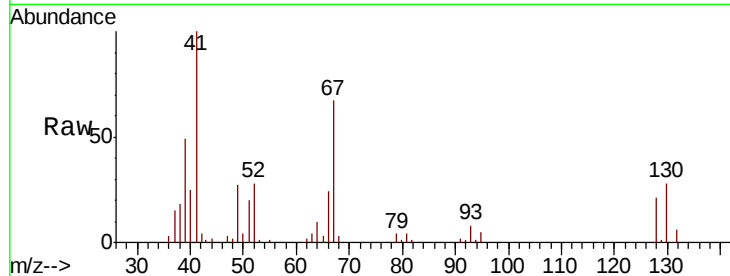




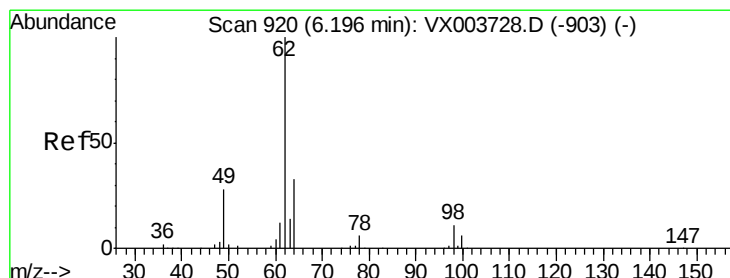
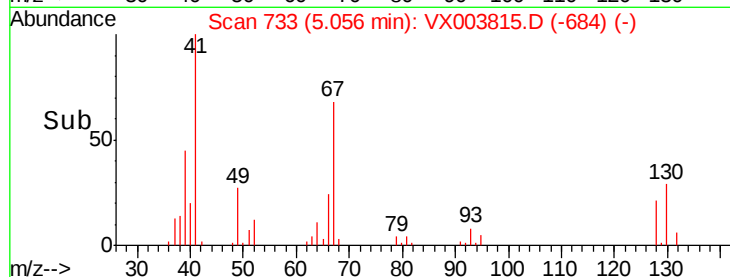
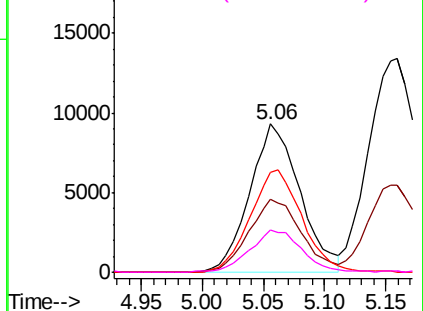
#41
Methacrylonitrile
Concen: 55.66 ug/l
RT: 5.06 min Scan# 733
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	26661
Ion	Ratio	Lower	Upper
41	100		
39	51.5	42.6	64.0
67	70.8	58.9	88.3
52	29.5	22.9	34.3

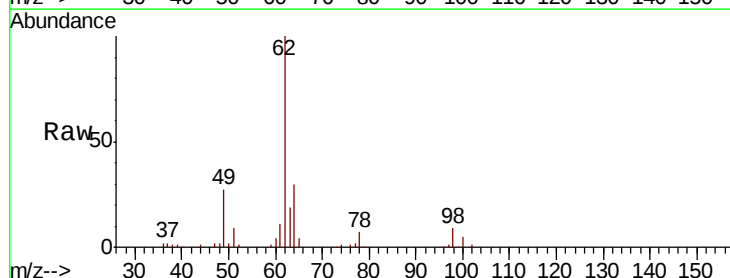


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

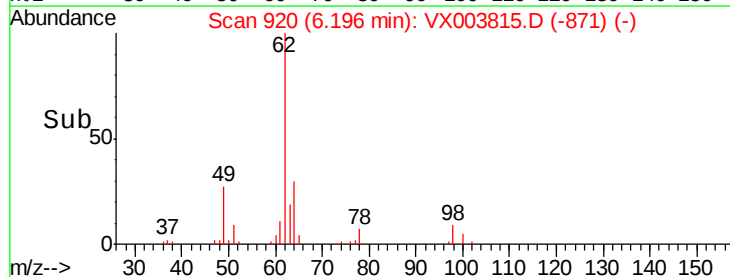
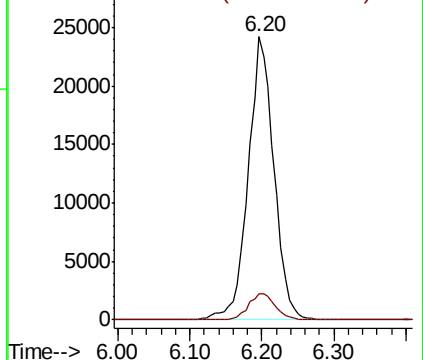


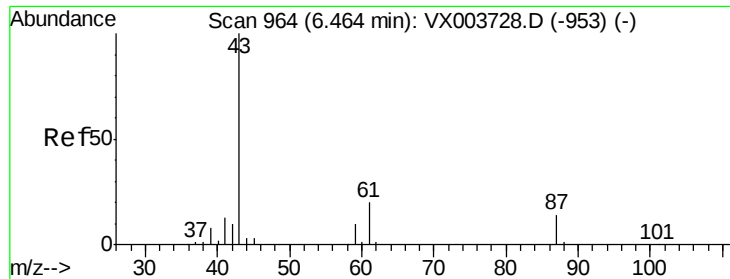
#42
1,2-Dichloroethane
Concen: 62.63 ug/l
RT: 6.20 min Scan# 920
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Tgt Ion:	62	Resp:	59963
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.4



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



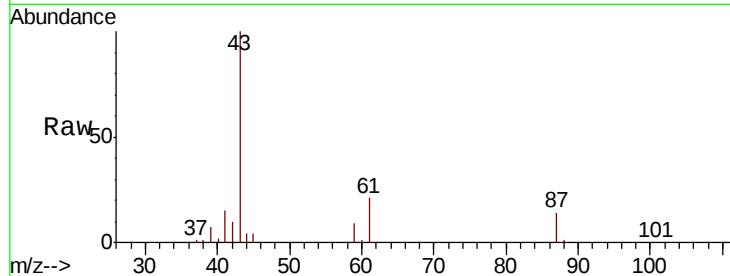


#43

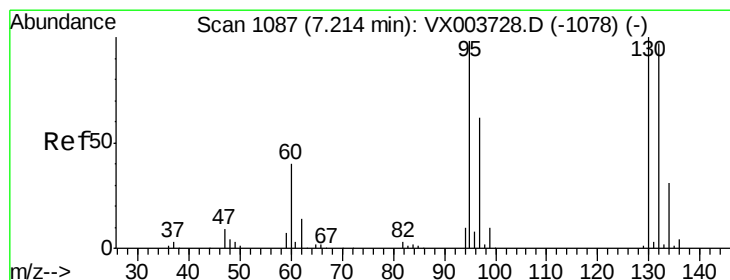
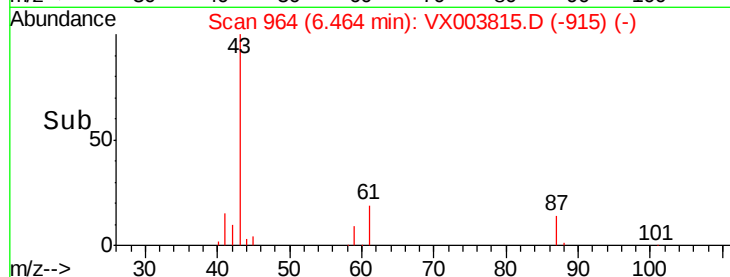
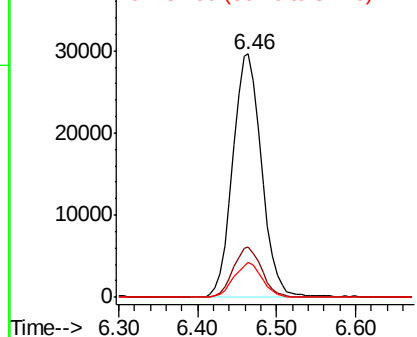
Isopropyl Acetate
 Concen: 55.91 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	43	61	87	Resp	75698
Ion	Ratio	Lower	Upper		
43	100				
61	20.2	16.5	24.7		
87	13.8	10.7	16.1		



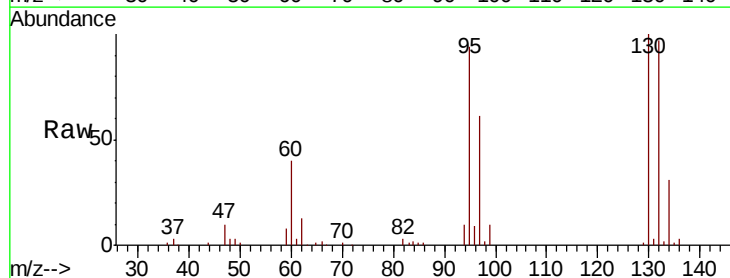
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



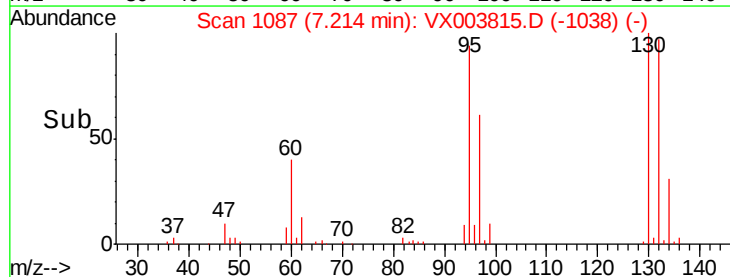
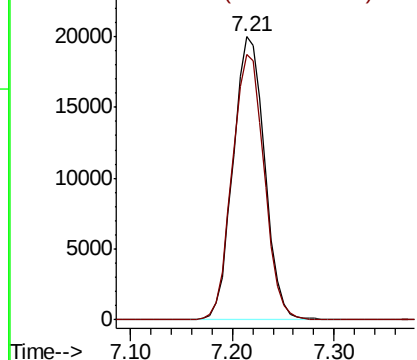
#44

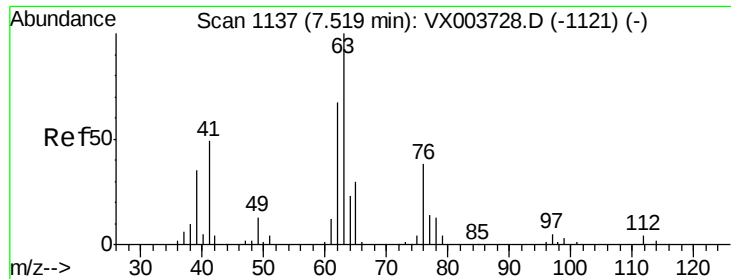
Trichloroethene
 Concen: 47.18 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Tgt Ion	130	95	Resp	42665
Ion	Ratio	Lower	Upper	
130	100			
95	94.0	0.0	196.2	



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

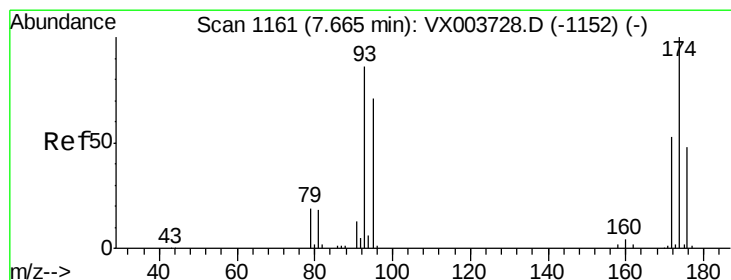
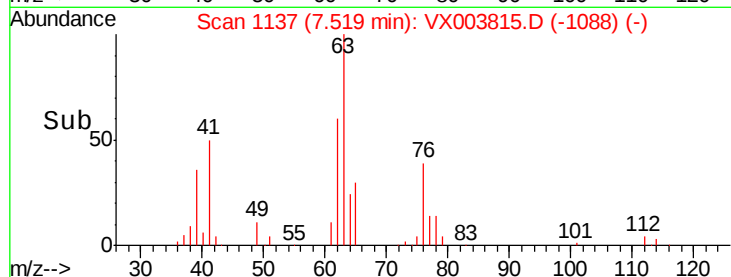
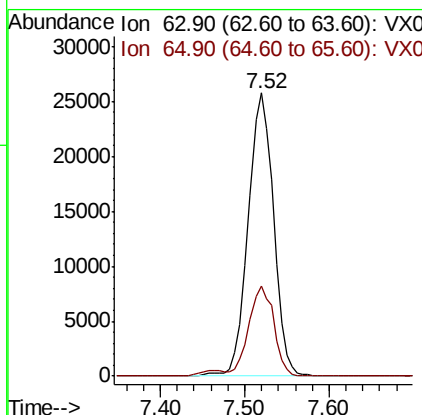
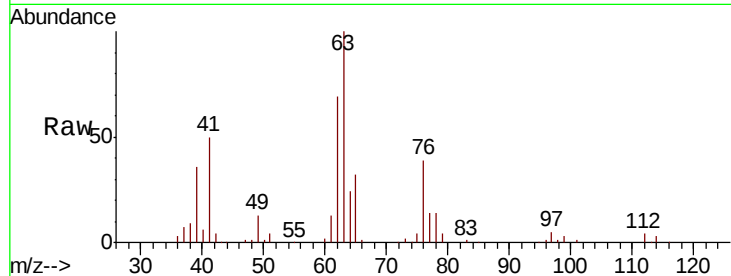




#45
 1,2-Dichloropropane
 Concen: 67.36 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

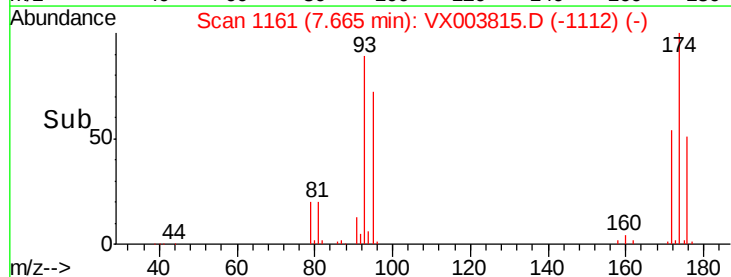
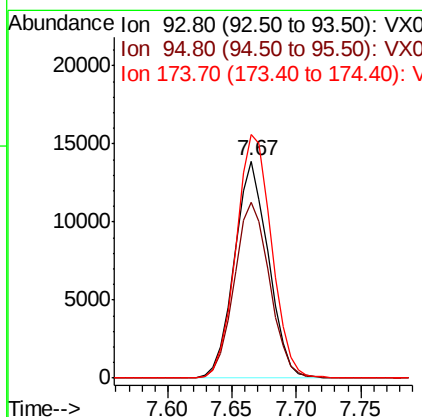
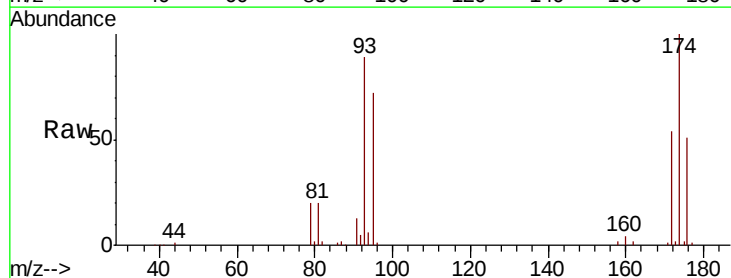
Instrument :
 MSVOA_X
 ClientSampled :

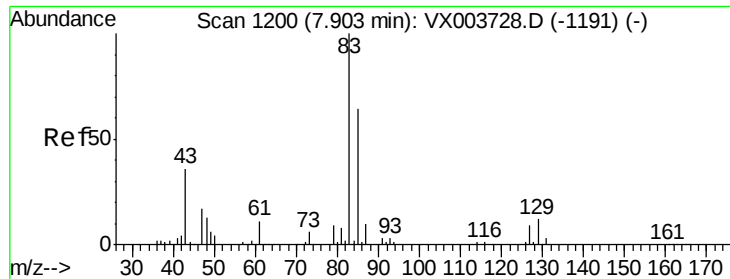
Tot Ion: 63 Resp: 52512
 Ion Ratio Lower Upper
 63 100
 65 31.8 23.7 35.5



#46
 Dibromomethane
 Concen: 56.60 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Tgt Ion: 93 Resp: 25425
 Ion Ratio Lower Upper
 93 100
 95 84.2 68.1 102.1
 174 117.4 96.2 144.4





#47

Bromodichloromethane

Concen: 65.93 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

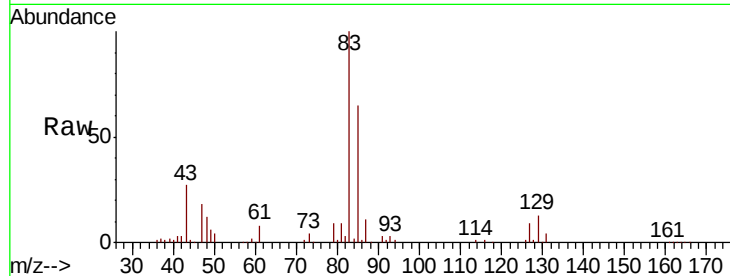
Tot Ion: 83 Resp: 59021

Ion Ratio Lower Upper

83 100

85 65.0 51.1 76.7

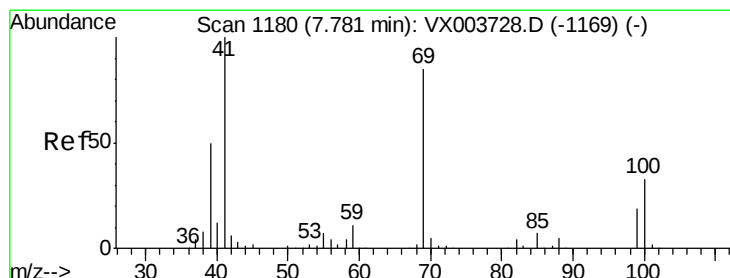
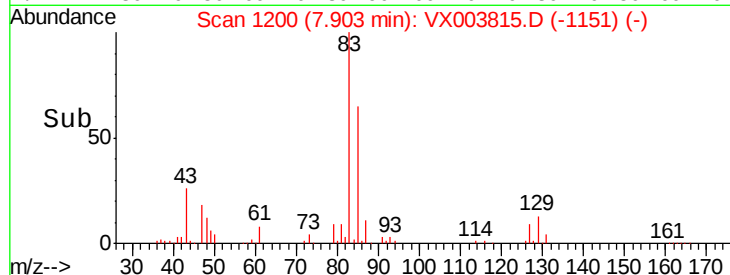
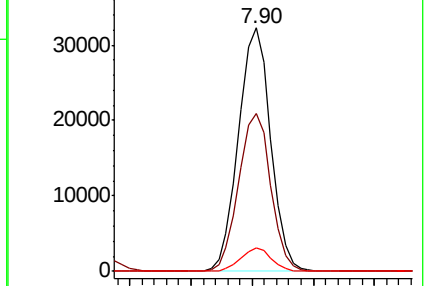
127 9.5 7.1 10.7



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: 64.66 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

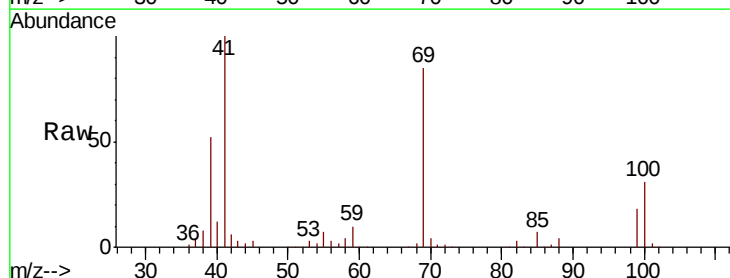
Tgt Ion: 41 Resp: 43913

Ion Ratio Lower Upper

41 100

69 84.8 68.7 103.1

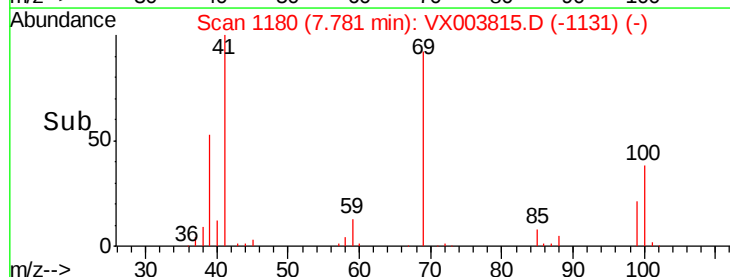
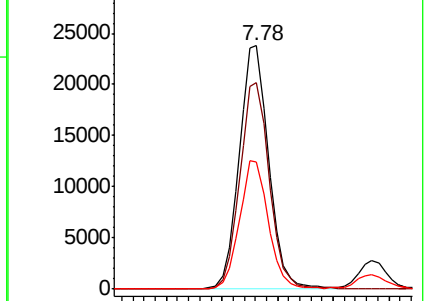
39 51.6 40.8 61.2

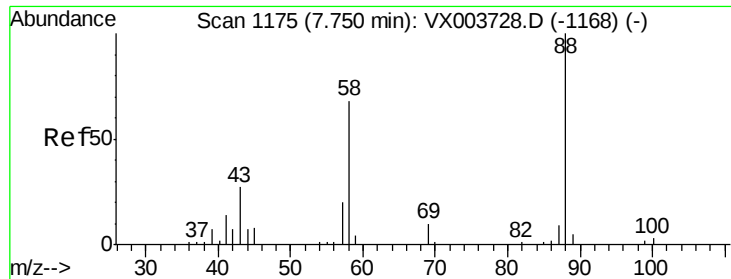


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 962.49 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. 0.01 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :
MSVOA_X
ClientSampled :

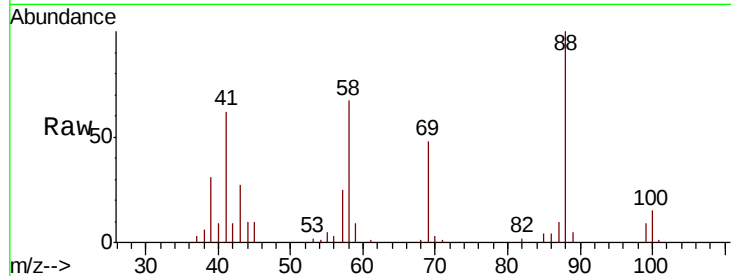
Tot Ion: 88 Resp: 13193

Ion Ratio Lower Upper

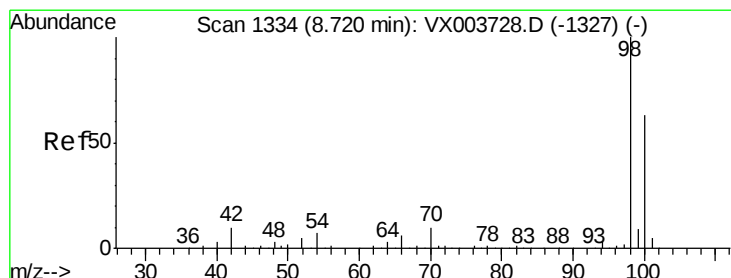
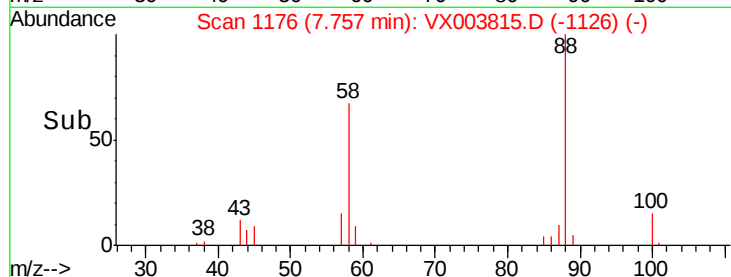
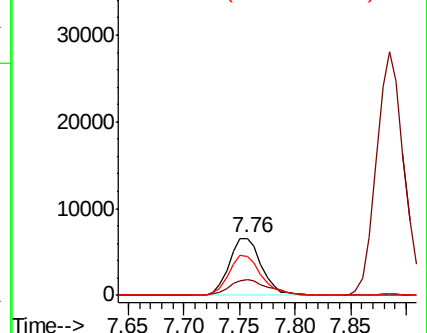
88 100

43 34.4 26.0 39.0

58 71.6 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: 52.39 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003815.D

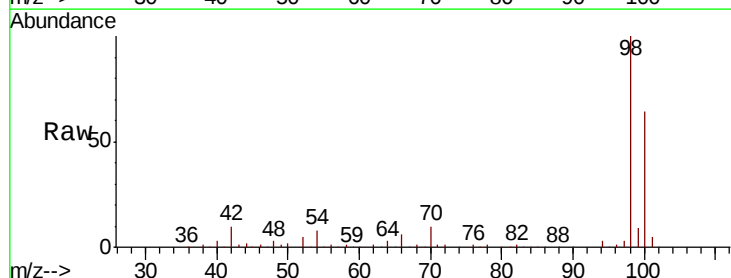
Acq: 02 Aug 2018 00:17

Tgt Ion: 98 Resp: 151925

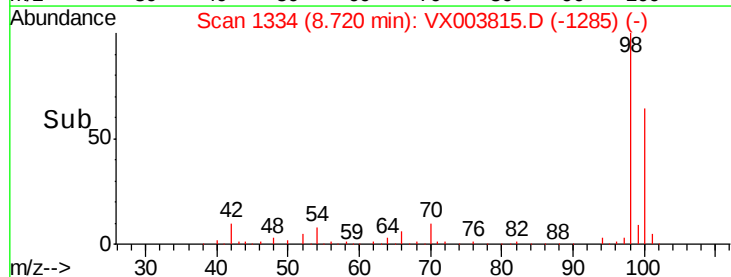
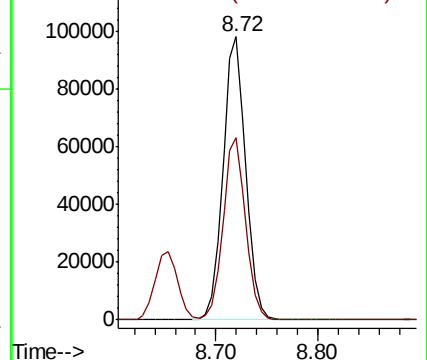
Ion Ratio Lower Upper

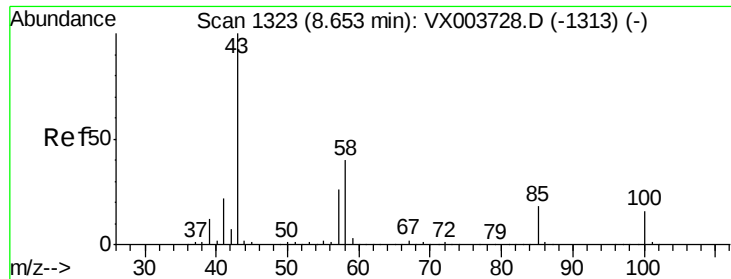
98 100

100 63.6 51.4 77.0



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





#51

4-Methyl-2-Pentanone

Concen: 289.01 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

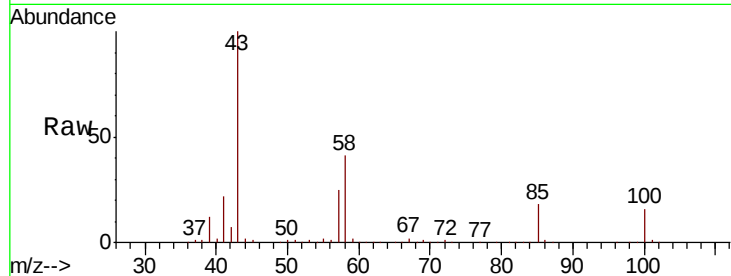
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 240475

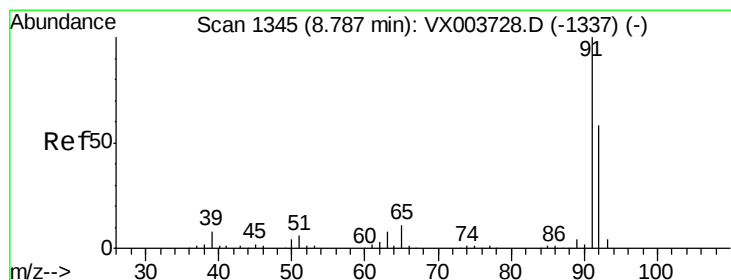
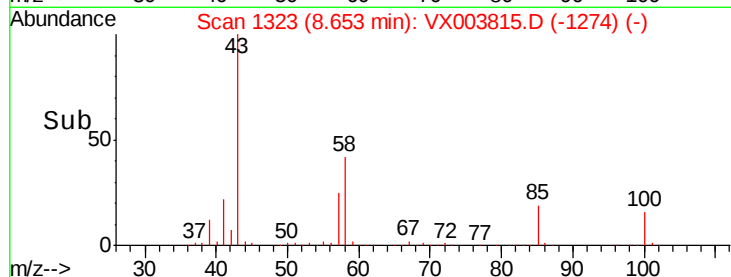
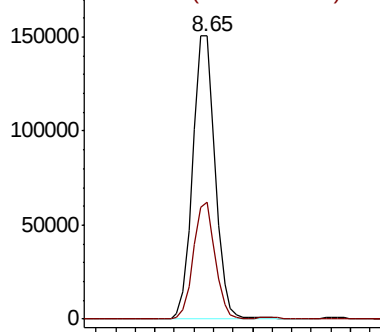
Ion Ratio Lower Upper

43 100

58 39.9 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: 56.49 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003815.D

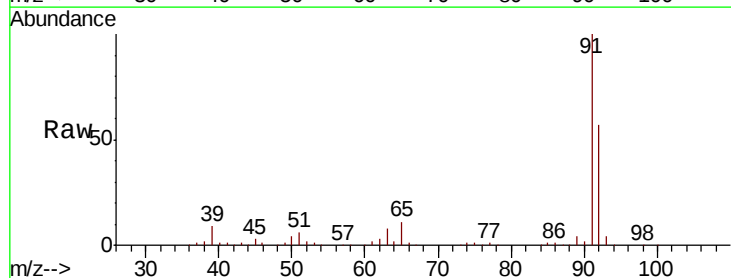
Acq: 02 Aug 2018 00:17

Tgt Ion: 92 Resp: 111709

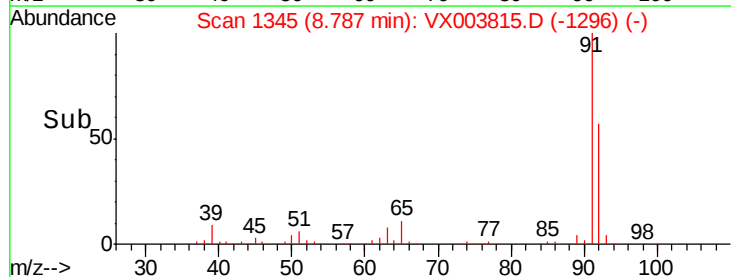
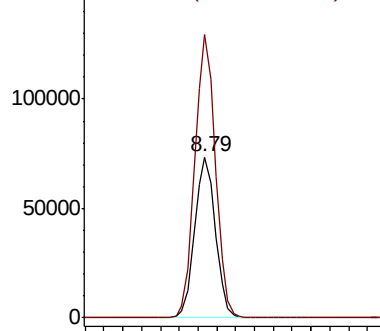
Ion Ratio Lower Upper

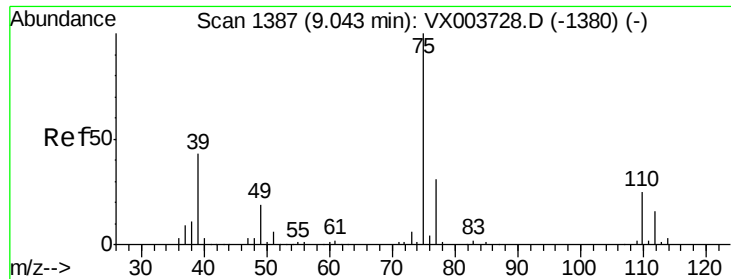
92 100

91 175.5 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0

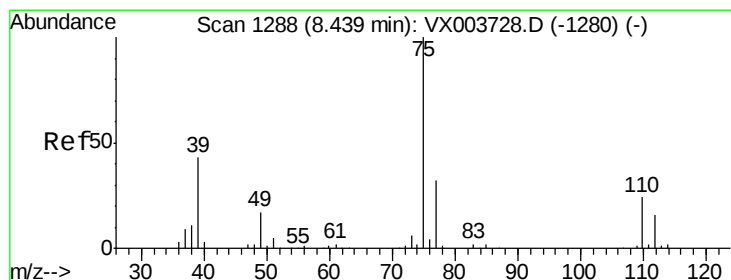
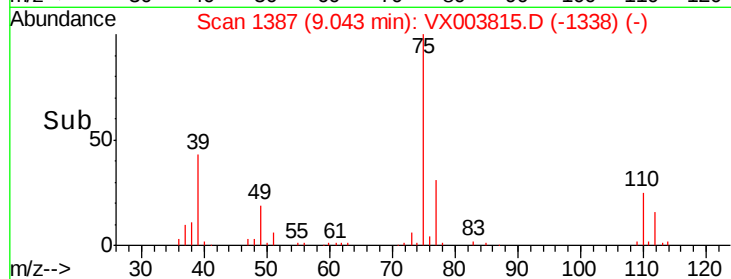
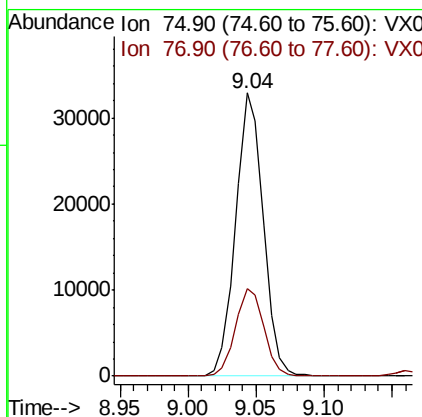
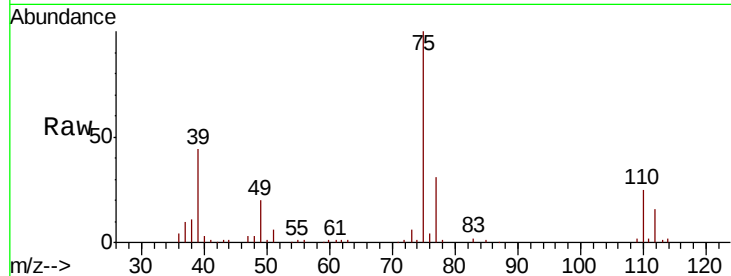




#53
 t-1,3-Dichloropropene
 Concen: 45.53 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

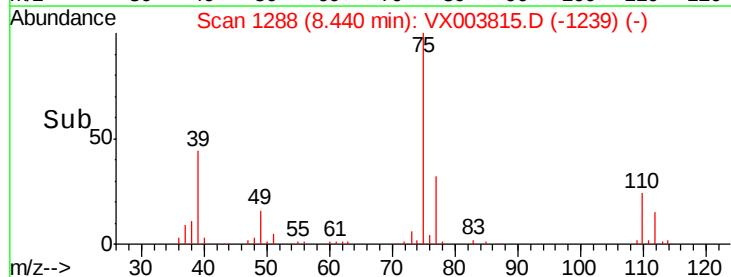
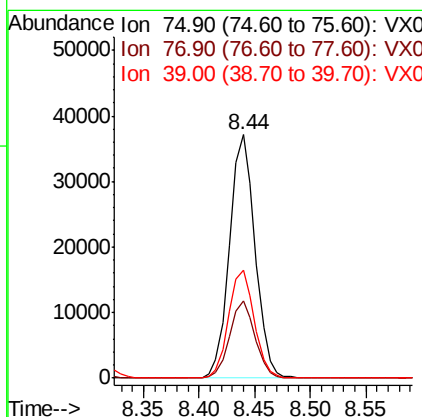
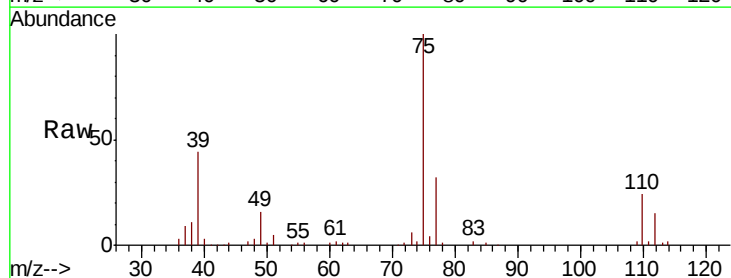
Instrument :
 MSVOA_X
 ClientSampleId :

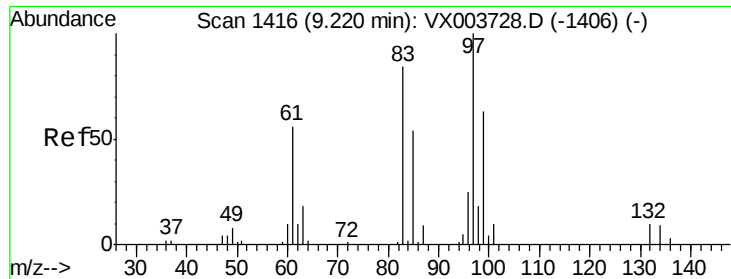
Tot Ion: 75 Resp: 46550
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 51.74 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Tgt Ion: 75 Resp: 58970
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9
 39 44.2 34.1 51.1

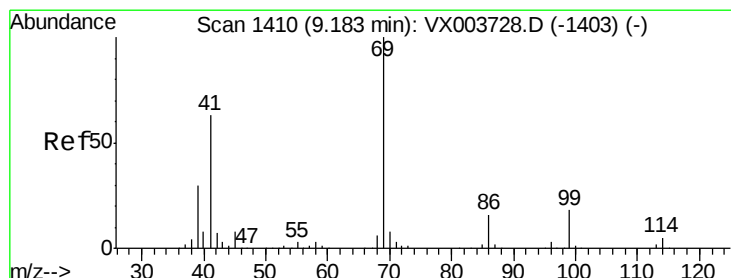
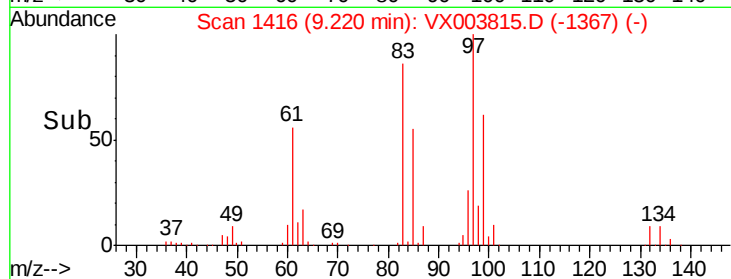
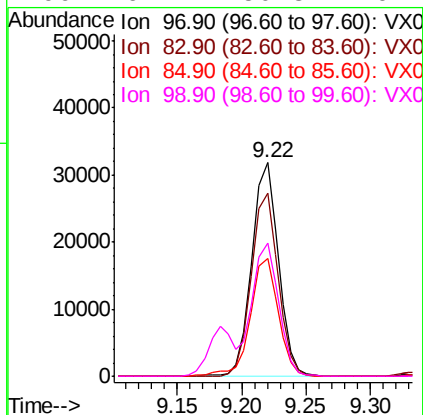
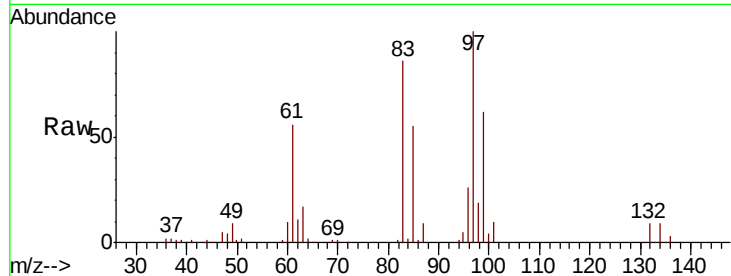




#55
 1,1,2-Trichloroethane
 Concen: 66.35 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

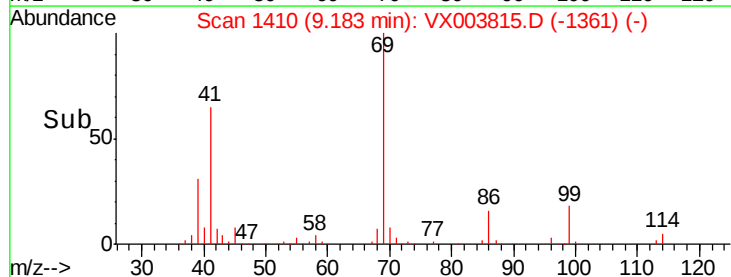
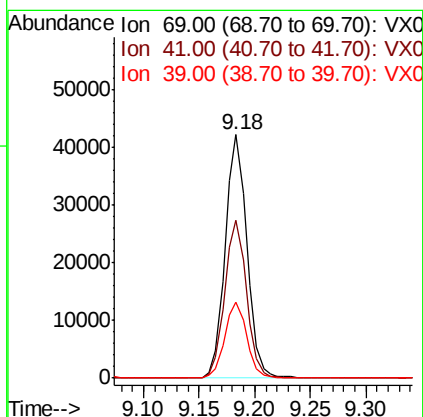
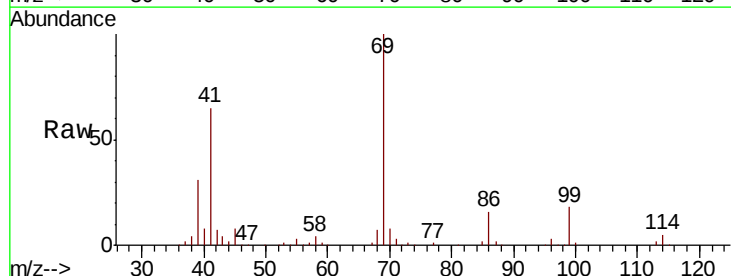
Instrument :
 MSVOA_X
 ClientSampleId :

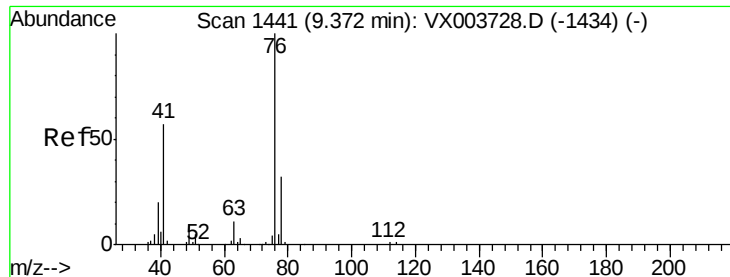
Tot Ion:	97	Resp:	45155
Ion	Ratio	Lower	Upper
97	100		
83	85.5	67.4	101.0
85	55.1	43.3	64.9
99	62.1	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 61.03 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Tgt Ion:	69	Resp:	57054
Ion	Ratio	Lower	Upper
69	100		
41	65.9	51.6	77.4
39	32.2	25.1	37.7





#57

1,3-Dichloropropane

Concen: 64.49 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

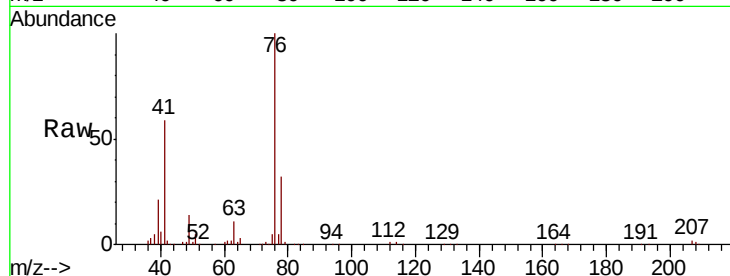
ClientSampleId :

Tot Ion: 76 Resp: 73678

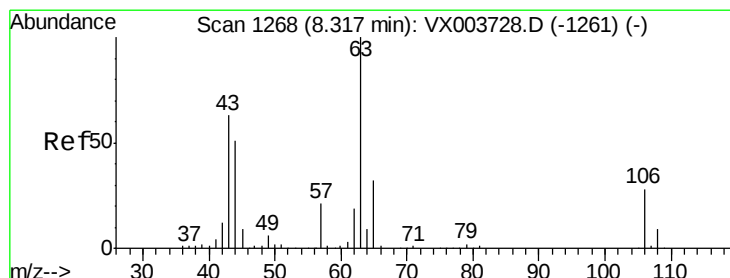
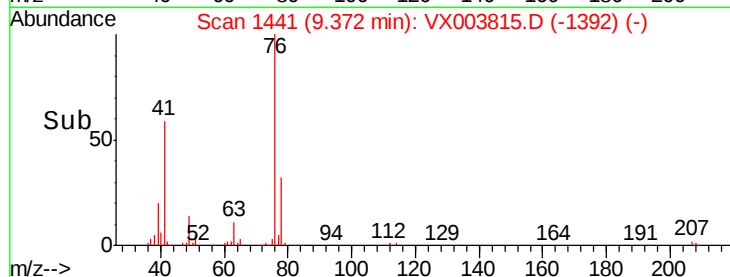
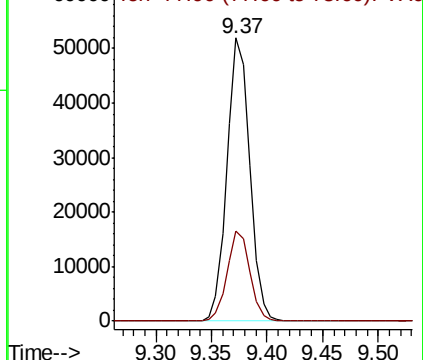
Ion Ratio Lower Upper

76 100

78 31.7 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 262.67 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003815.D

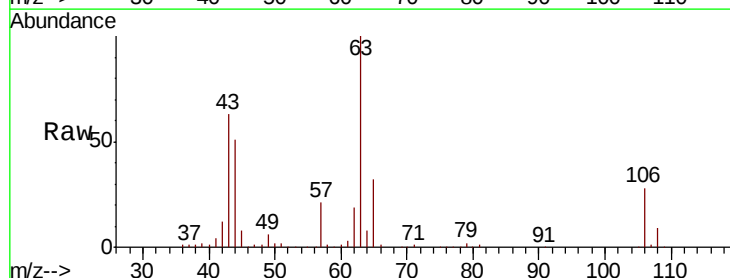
Acq: 02 Aug 2018 00:17

Tgt Ion: 63 Resp: 131476

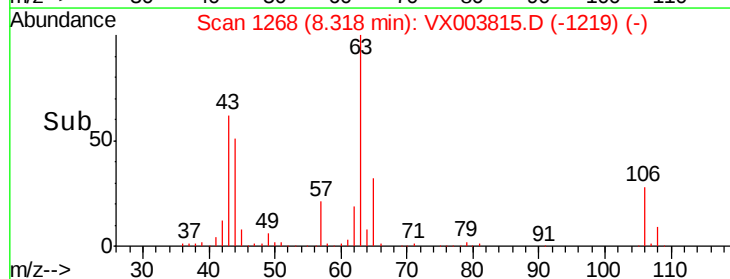
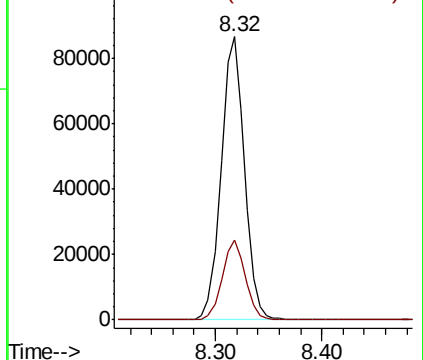
Ion Ratio Lower Upper

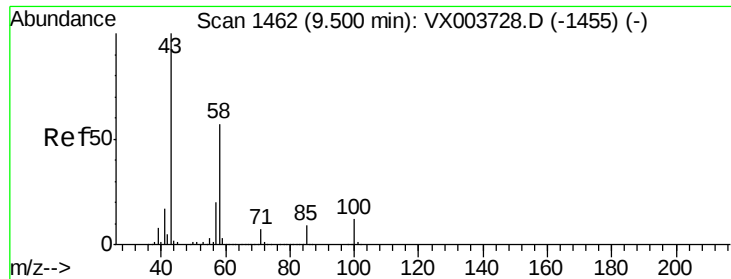
63 100

106 27.8 22.5 33.7



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 105.90 (105.60 to 106.60): V

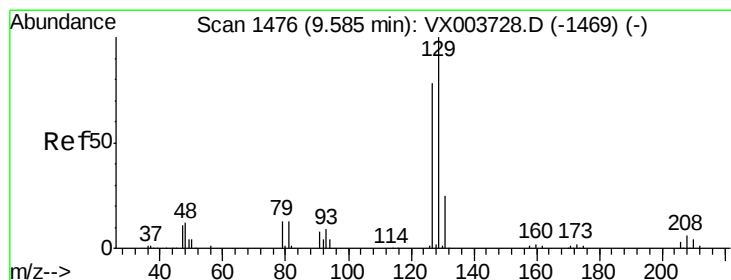
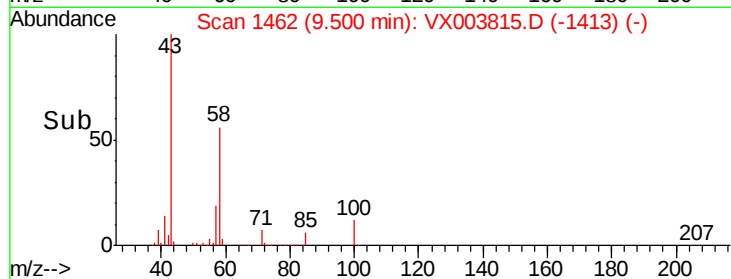
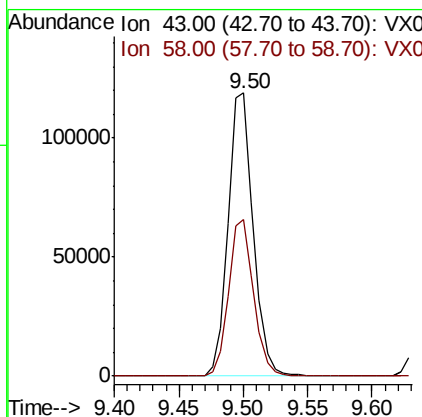
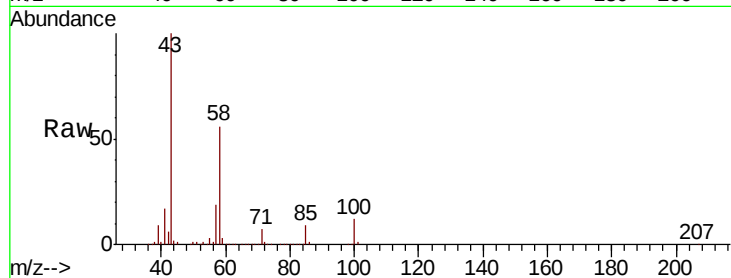




#59
2-Hexanone
Concen: 256.74 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

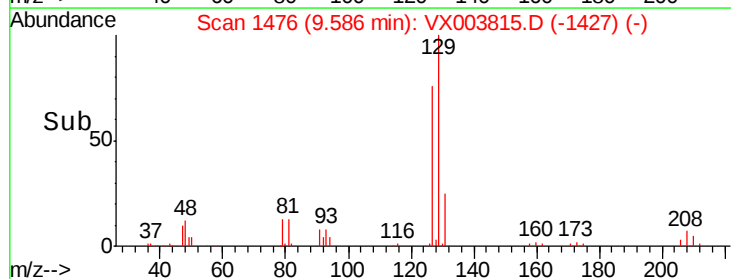
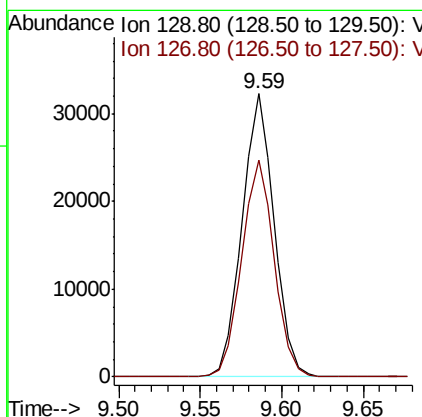
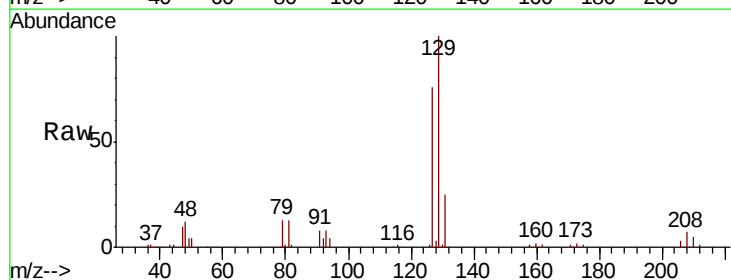
Instrument :
MSVOA_X
ClientSampled :

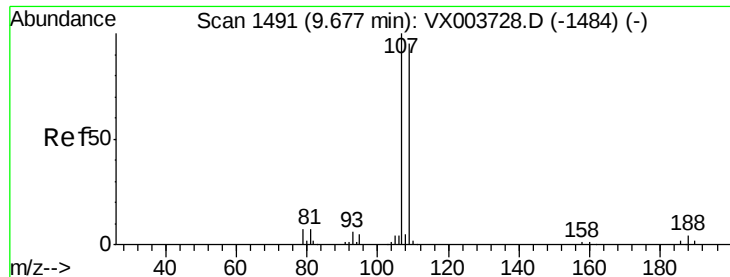
Tot Ion: 43 Resp: 162745
Ion Ratio Lower Upper
43 100
58 55.4 28.0 83.9



#60
Dibromochloromethane
Concen: 64.39 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Tgt Ion: 129 Resp: 44130
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.4





#61

1,2-Dibromoethane

Concen: 57.13 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

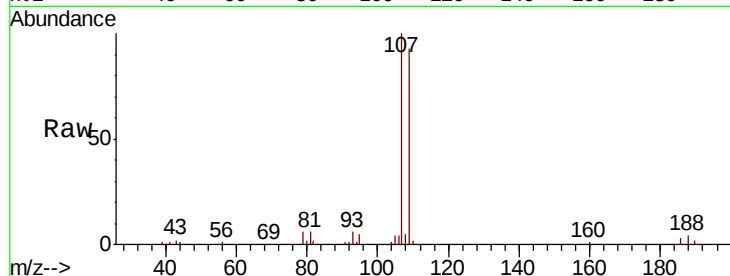
ClientSampleId :

Tot Ion:107 Resp: 39694

Ion Ratio Lower Upper

107 100

109 93.6 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

30000

25000

20000

15000

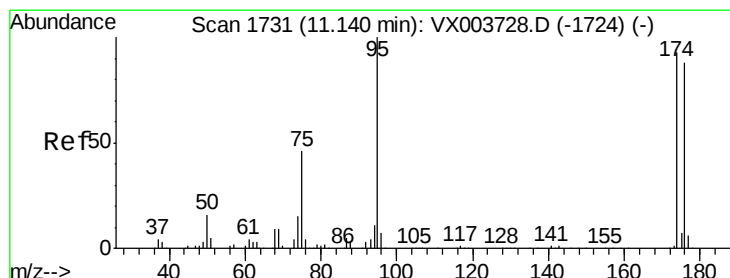
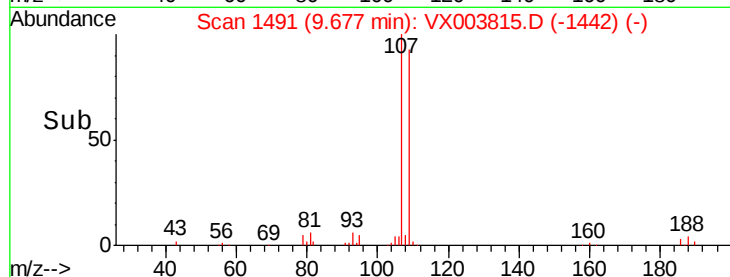
10000

5000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 42.80 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

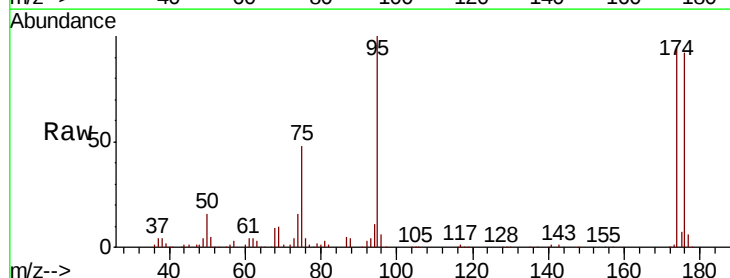
Tgt Ion: 95 Resp: 45766

Ion Ratio Lower Upper

95 100

174 93.3 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

50000

40000

30000

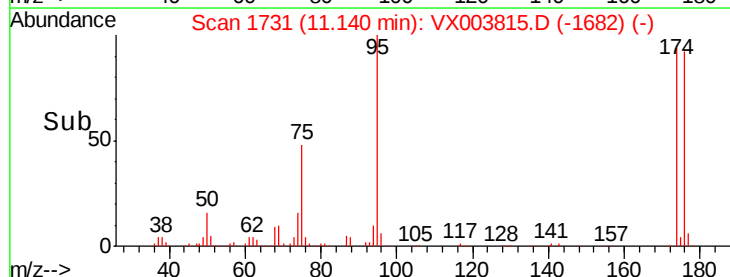
20000

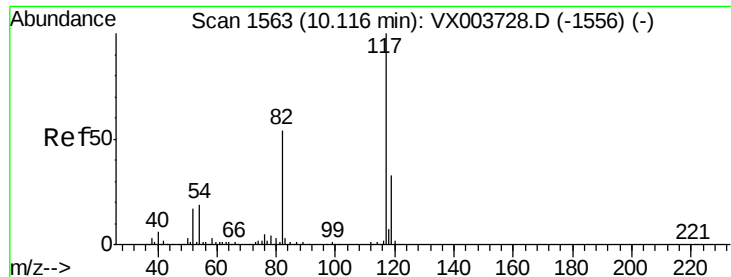
10000

0

Time-->

11.05 11.10 11.15 11.20

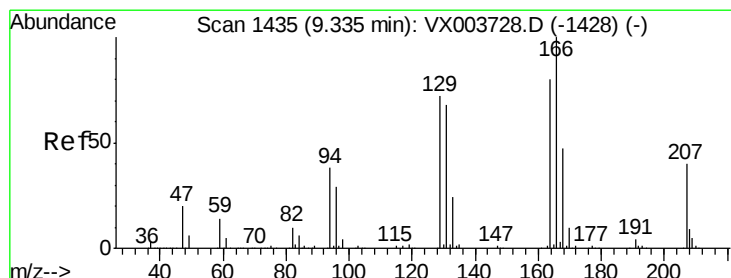
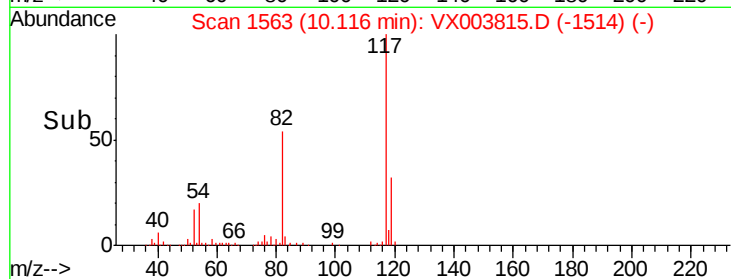
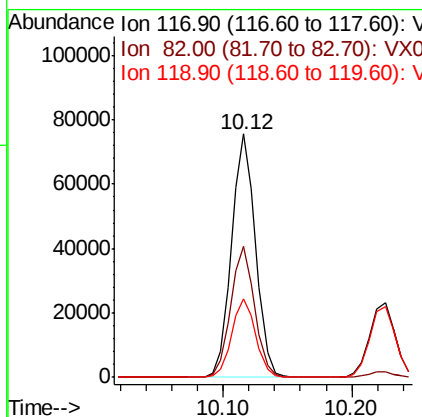
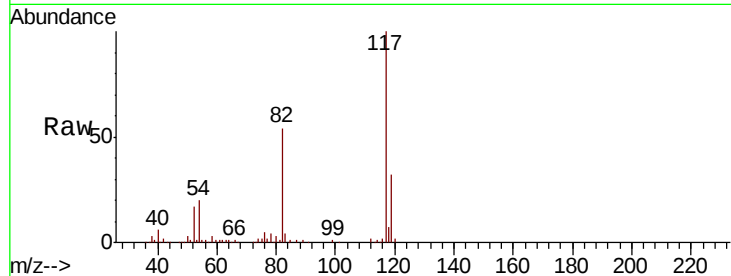




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

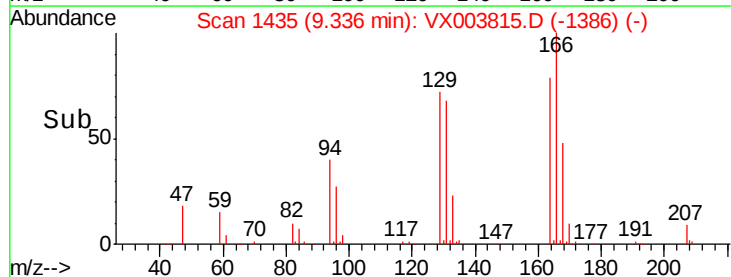
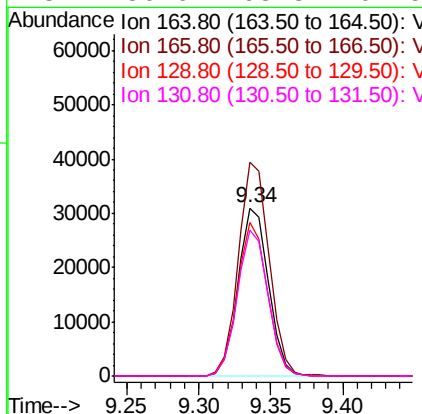
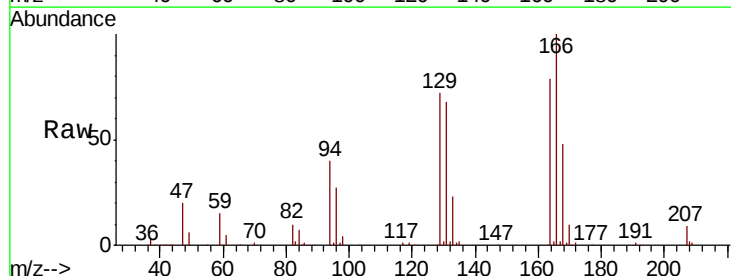
Instrument :
MSVOA_X
ClientSampled :

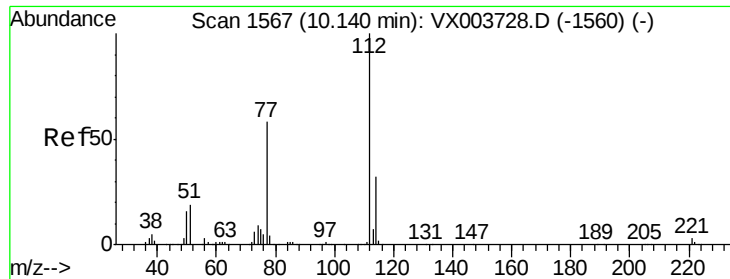
Tot Ion:117 Resp: 98436
Ion Ratio Lower Upper
117 100
82 53.6 43.2 64.8
119 32.0 26.3 39.5



#64
Tetrachloroethene
Concen: 58.91 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Tgt Ion:164 Resp: 45582
Ion Ratio Lower Upper
164 100
166 126.9 100.4 150.6
129 91.0 71.8 107.8
131 86.6 68.3 102.5





#65

Chlorobenzene

Concen: 56.06 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

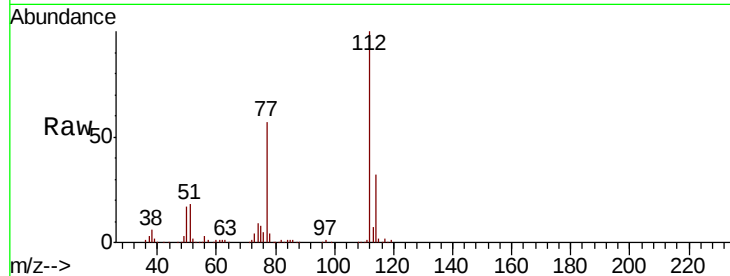
ClientSampleId :

Tot Ion:112 Resp: 115313

Ion Ratio Lower Upper

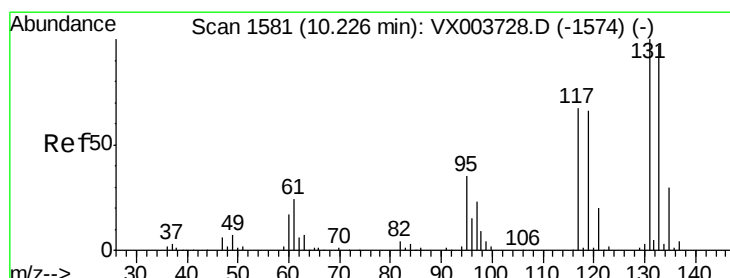
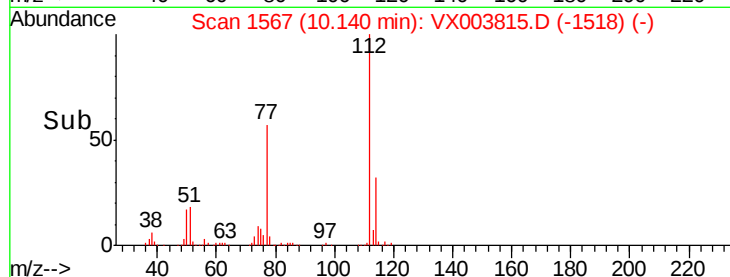
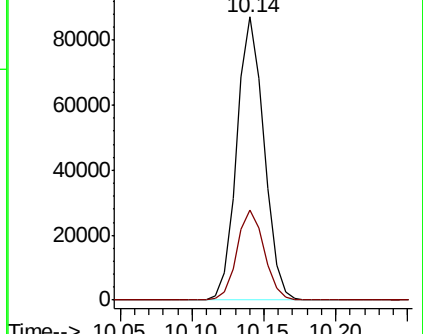
112 100

114 32.0 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 69.76 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

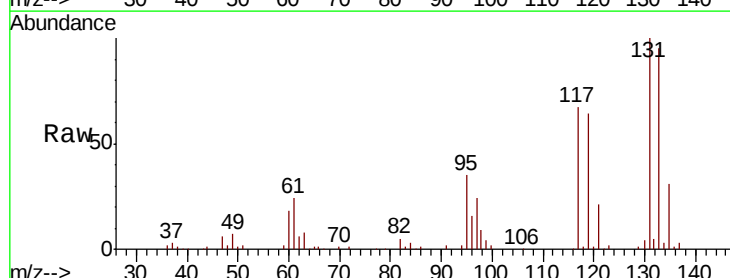
Tgt Ion:131 Resp: 46798

Ion Ratio Lower Upper

131 100

133 94.2 47.6 142.9

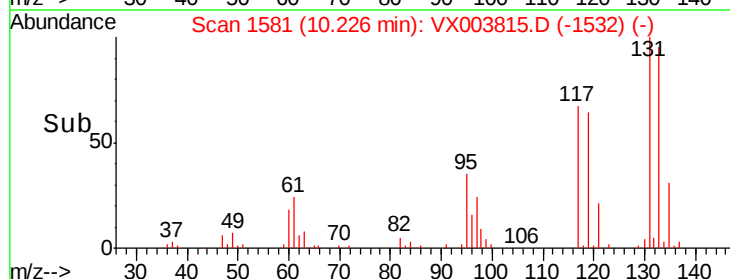
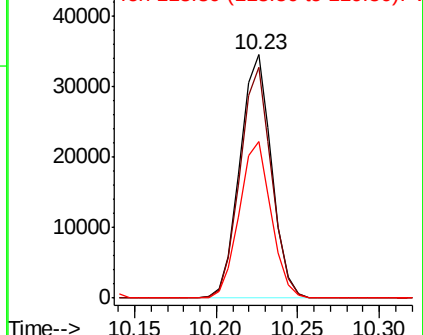
119 64.7 32.8 98.3

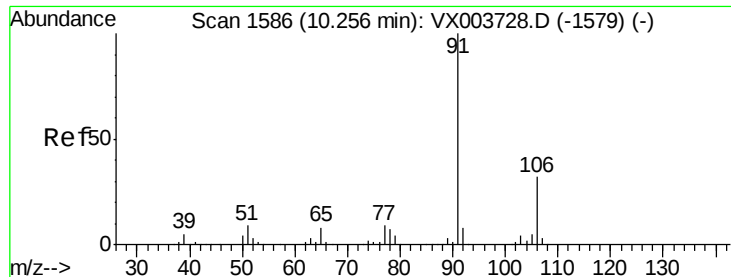


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

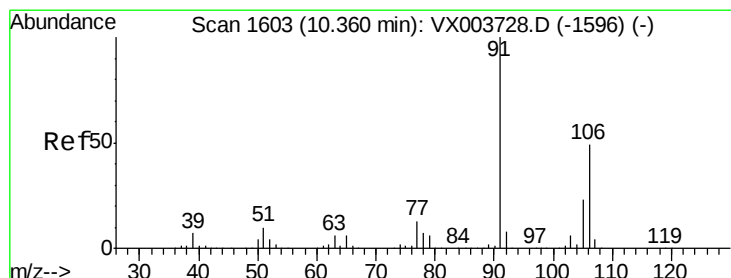
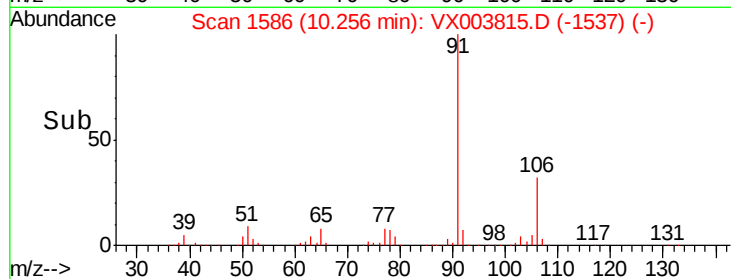
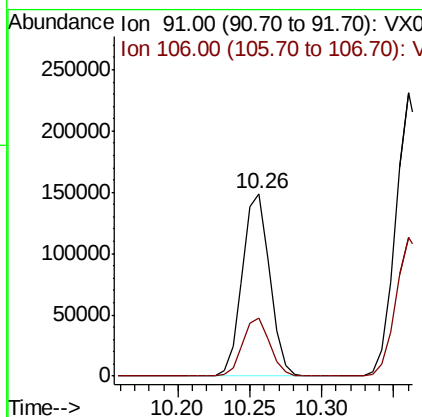
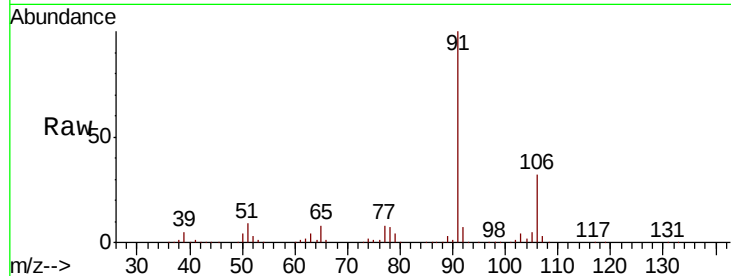




#67
Ethyl Benzene
Concen: 56.80 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

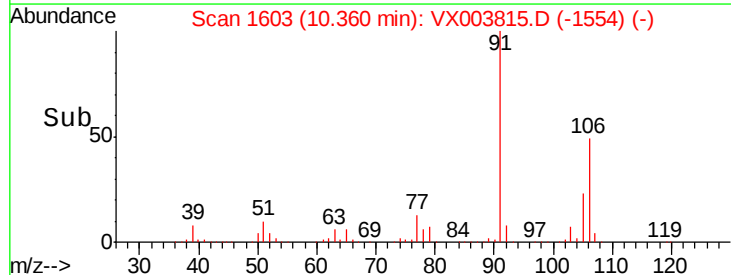
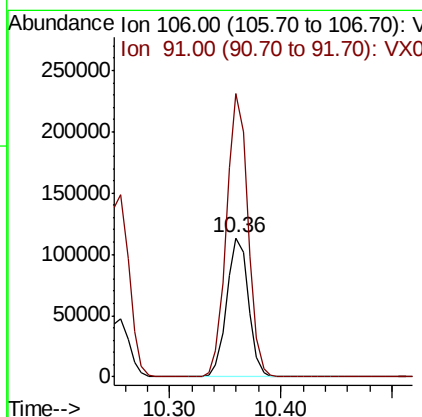
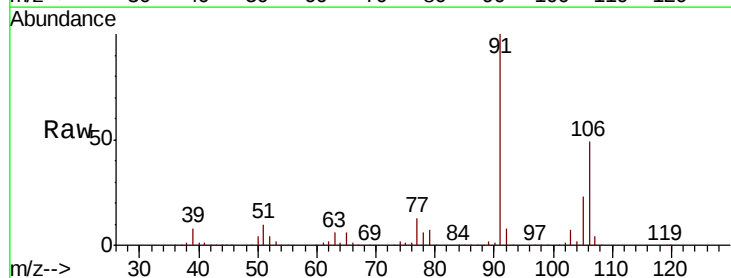
Instrument :
MSVOA_X
ClientSampled :

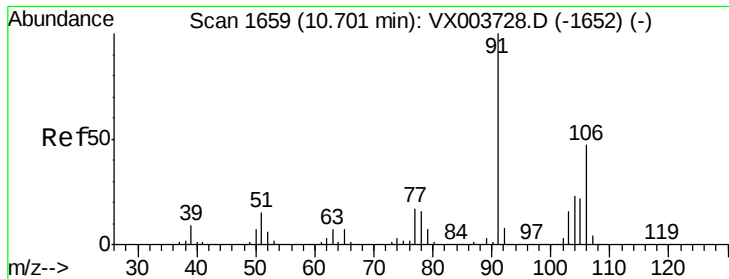
Tot Ion: 91 Resp: 197272
Ion Ratio Lower Upper
91 100
106 32.0 25.4 38.2



#68
m/p-Xylenes
Concen: 113.06 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Tgt Ion: 106 Resp: 153617
Ion Ratio Lower Upper
106 100
91 201.0 159.8 239.8

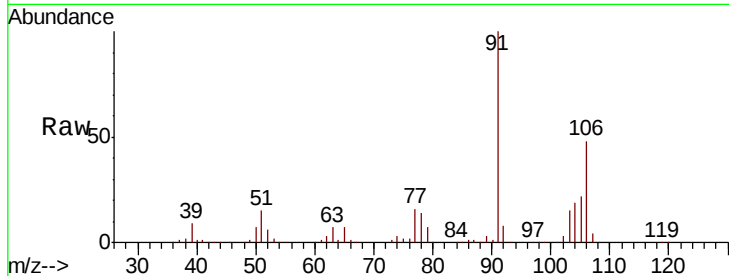




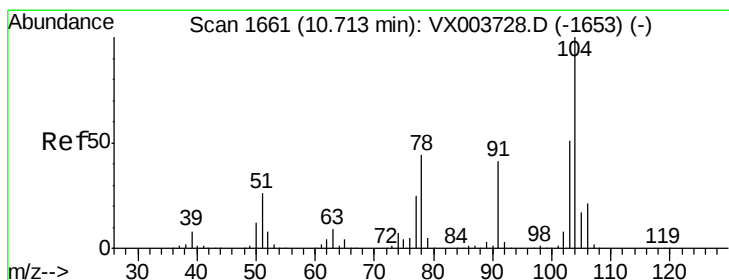
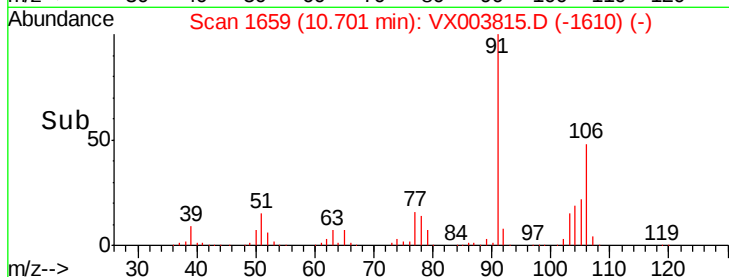
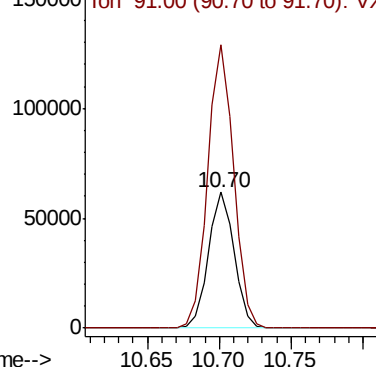
#69
o-Xylene
Concen: 60.96 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 76912
Ion Ratio Lower Upper
106 100
91 211.4 105.6 316.8

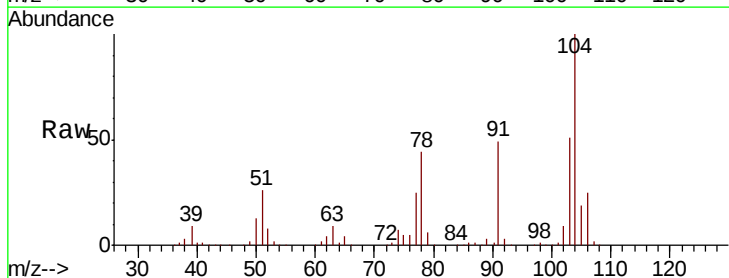


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

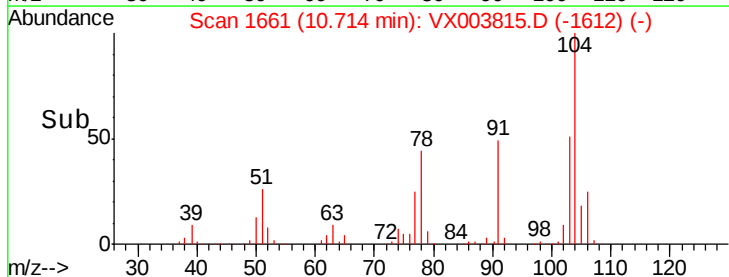
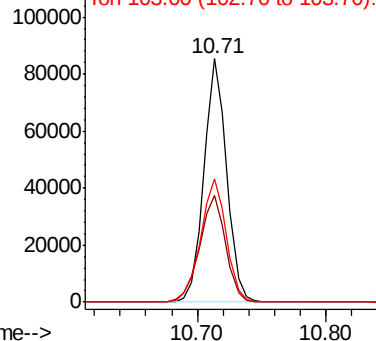


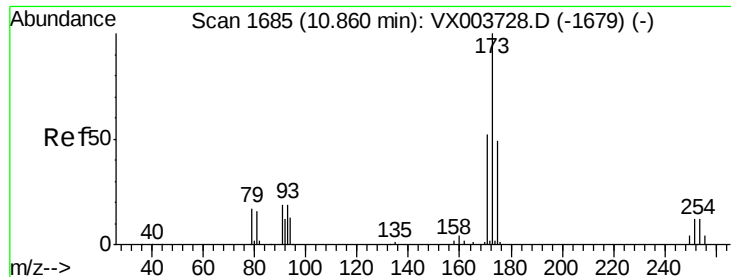
#70
Styrene
Concen: 49.71 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Tgt Ion:104 Resp: 105506
Ion Ratio Lower Upper
104 100
78 49.9 38.2 57.2
103 57.2 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

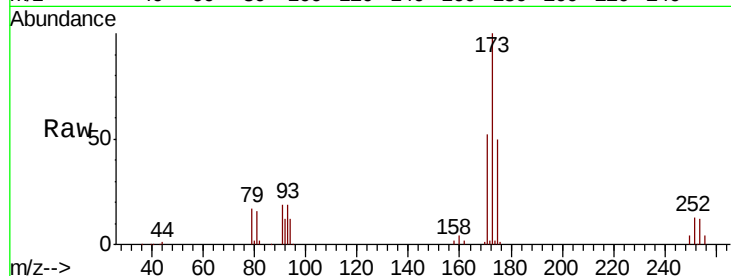




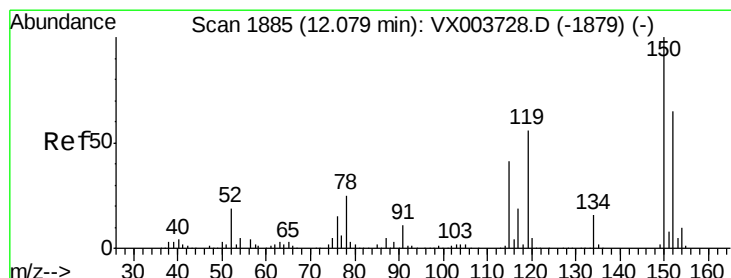
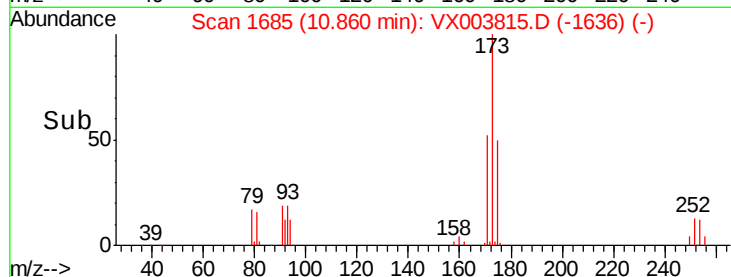
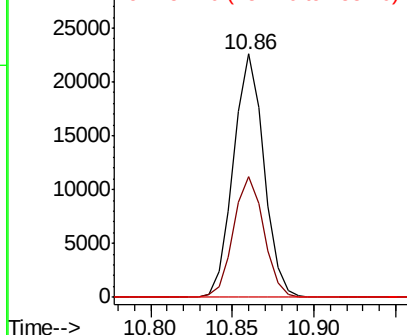
#71
Bromoform
Concen: 63.69 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 29375
Ion Ratio Lower Upper
173 100
175 49.4 24.9 74.6
254 0.0 0.0 0.0

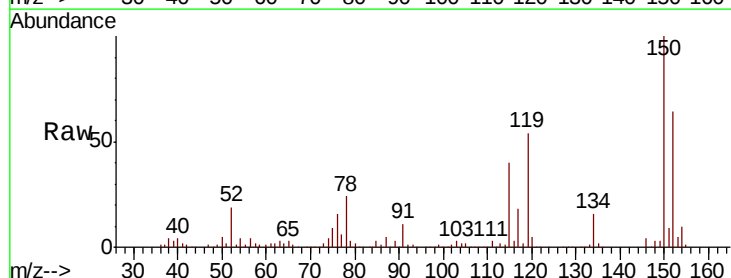


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

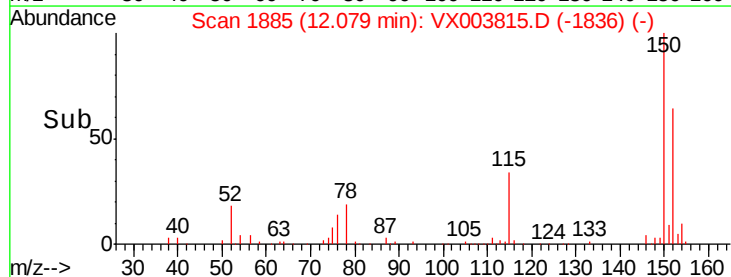
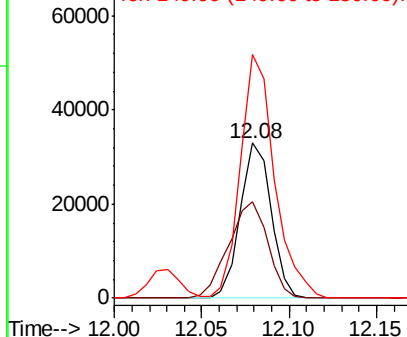


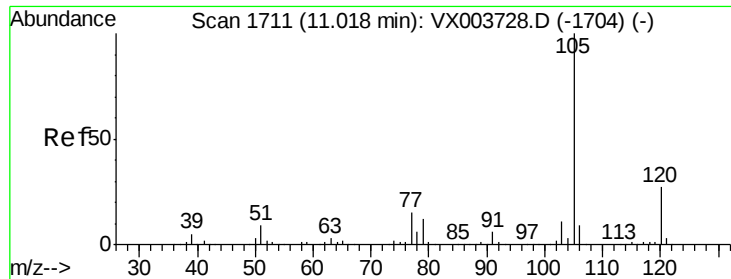
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Tgt Ion:152 Resp: 40732
Ion Ratio Lower Upper
152 100
115 78.3 38.5 115.3
150 173.5 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: 71.05 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

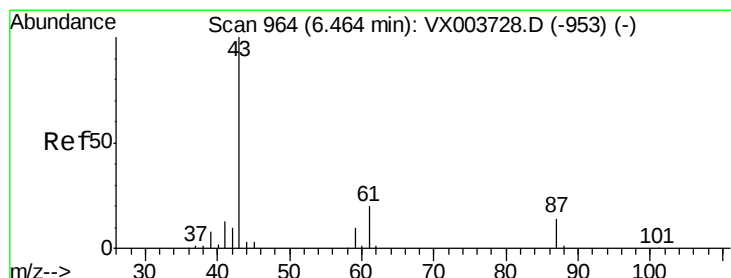
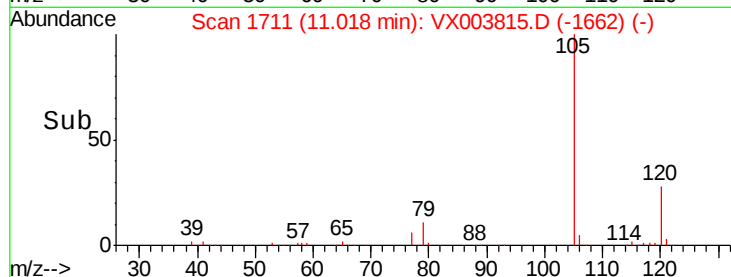
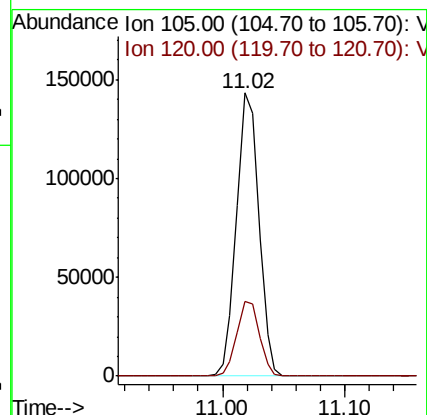
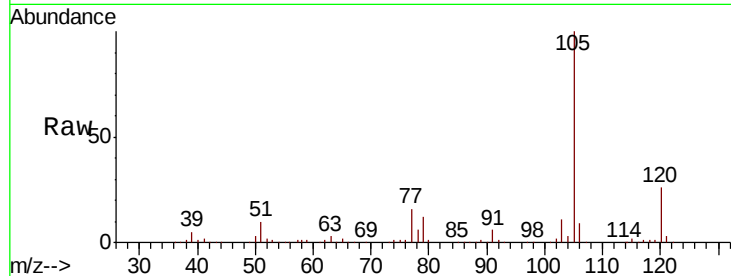
ClientSampleId :

Tot Ion:105 Resp: 181167

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5



#74

N-ethyl acetate

Concen: 83.75 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Tgt Ion: 43 Resp: 75698

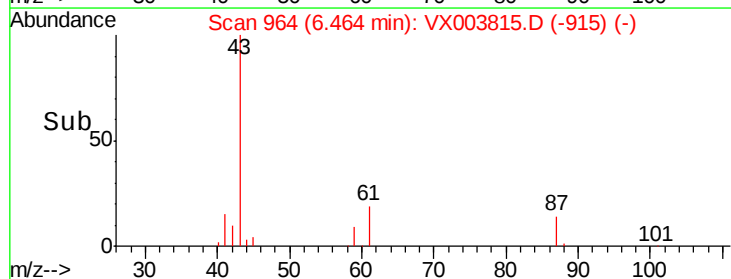
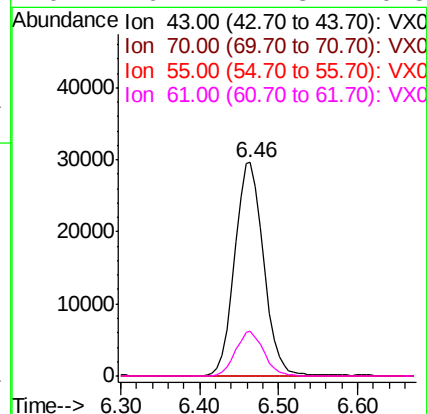
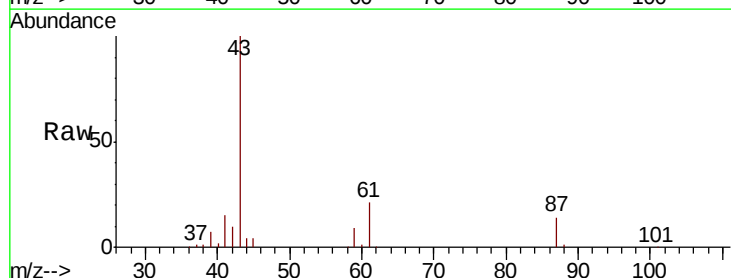
Ion Ratio Lower Upper

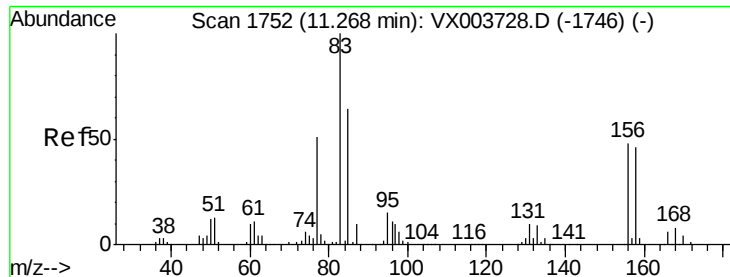
43 100

70 0.0 31.0 46.6#

55 0.0 18.9 28.3#

61 20.2 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 85.93 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

ClientSampled :

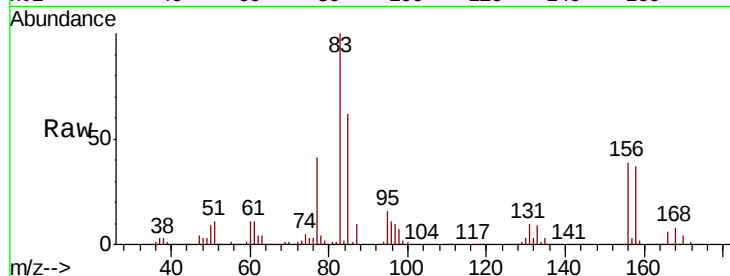
Tot Ion: 83 Resp: 56967

Ion Ratio Lower Upper

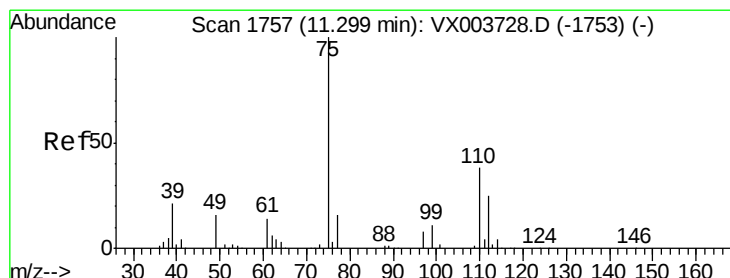
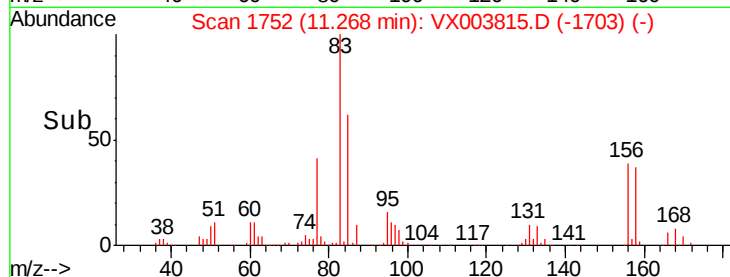
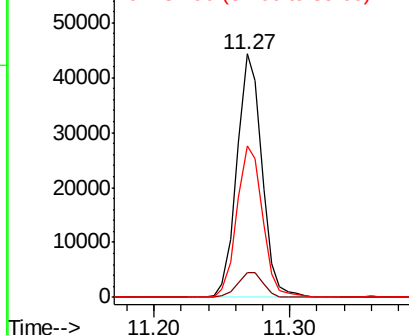
83 100

131 10.7 5.3 15.9

85 63.8 32.0 96.2



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



#76

1,2,3-Trichloropropane

Concen: 95.77 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003815.D

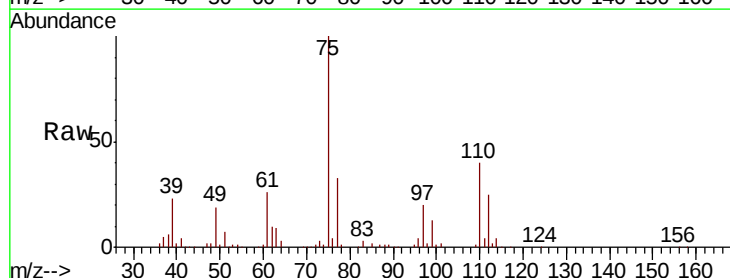
Acq: 02 Aug 2018 00:17

Tgt Ion: 75 Resp: 53768

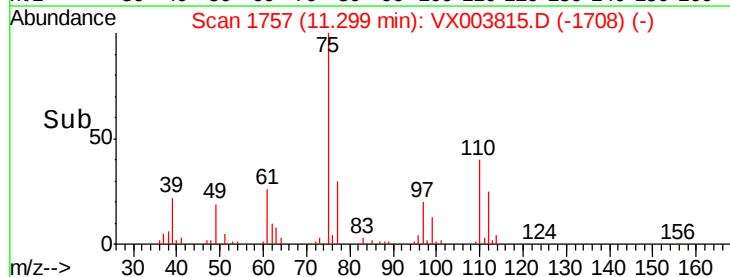
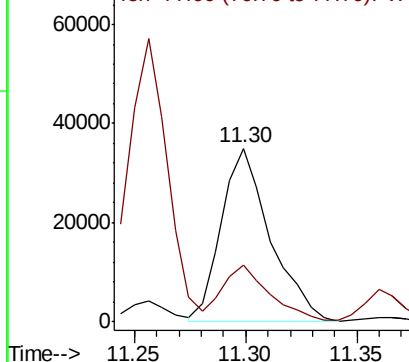
Ion Ratio Lower Upper

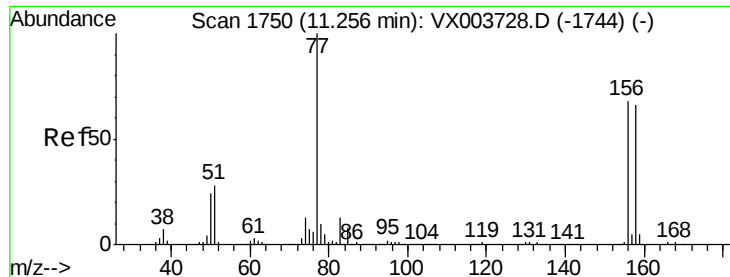
75 100

77 31.5 21.6 65.0



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





#77

Bromobenzene

Concen: 73.80 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

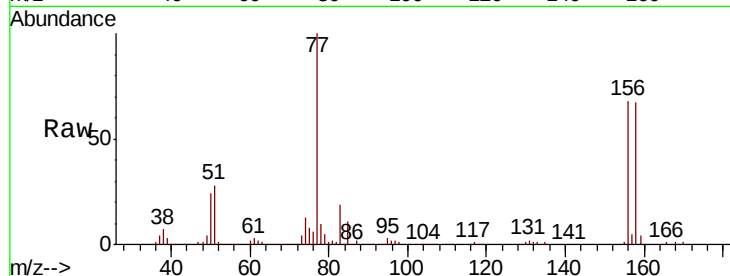
Tot Ion:156 Resp: 49064

Ion Ratio Lower Upper

156 100

77 144.1 71.8 215.3

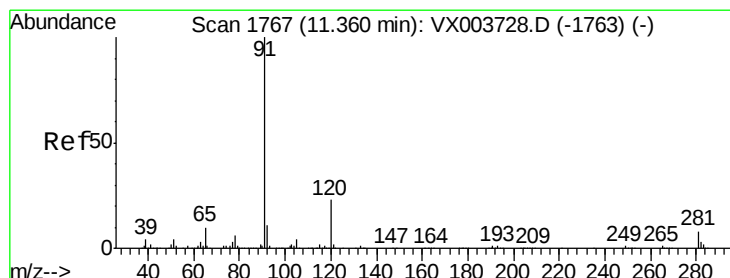
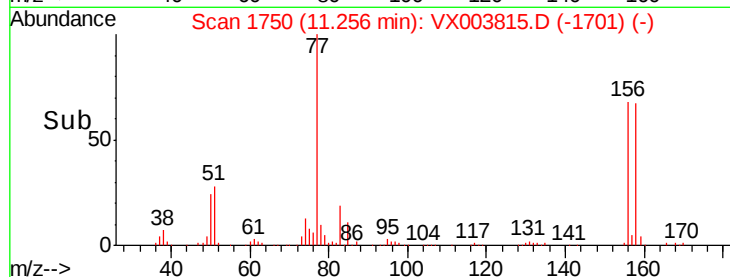
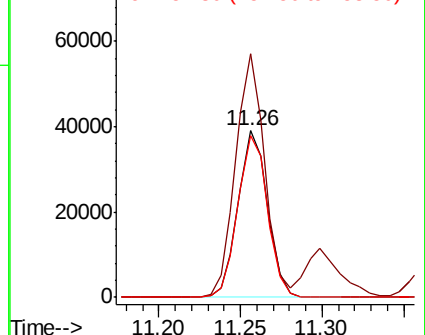
158 97.8 48.8 146.4



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: 61.79 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003815.D

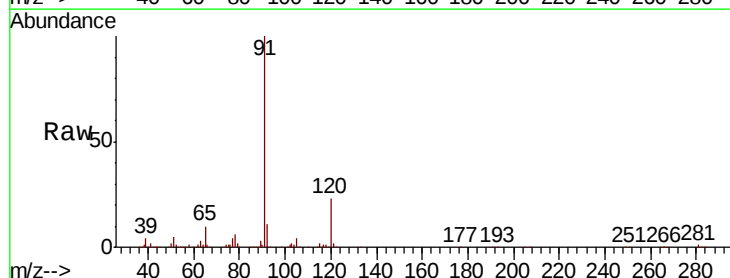
Acq: 02 Aug 2018 00:17

Tgt Ion: 91 Resp: 190869

Ion Ratio Lower Upper

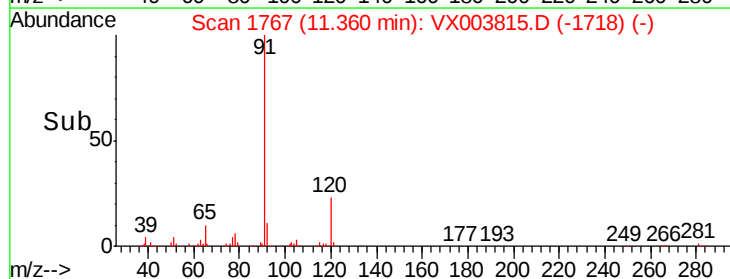
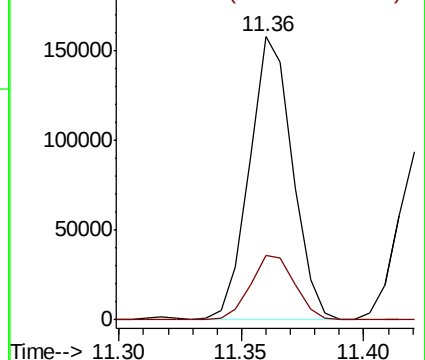
91 100

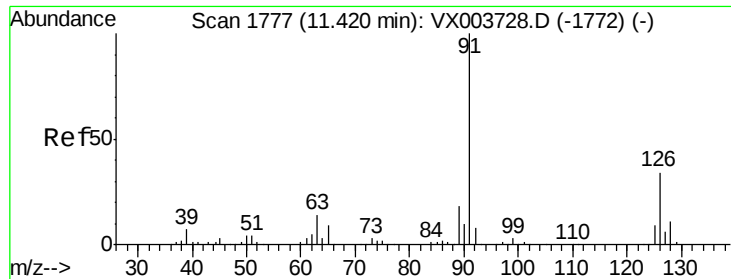
120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

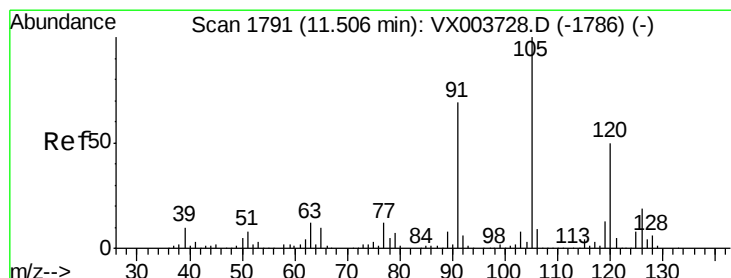
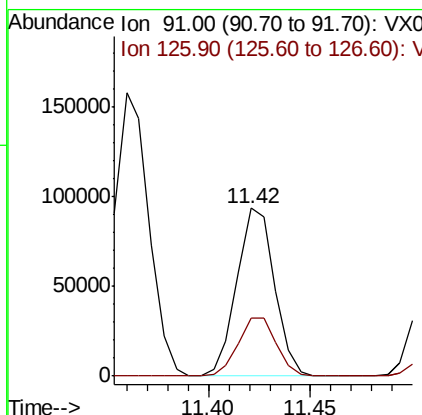
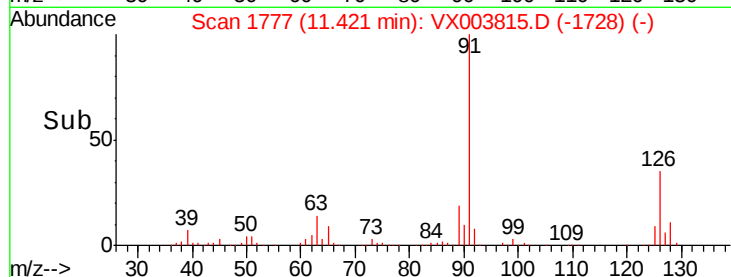
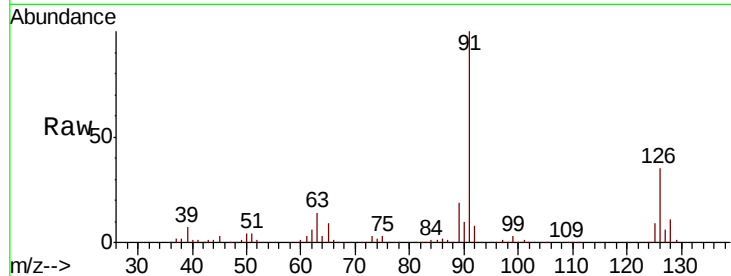




#79
 2-Chlorotoluene
 Concen: 68.10 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

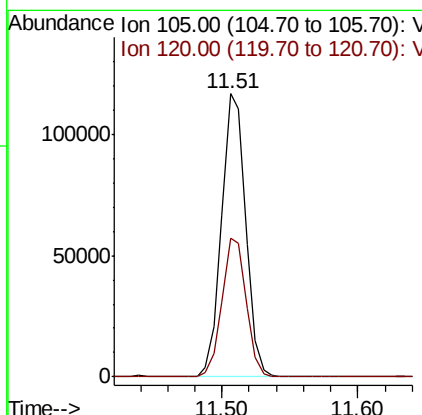
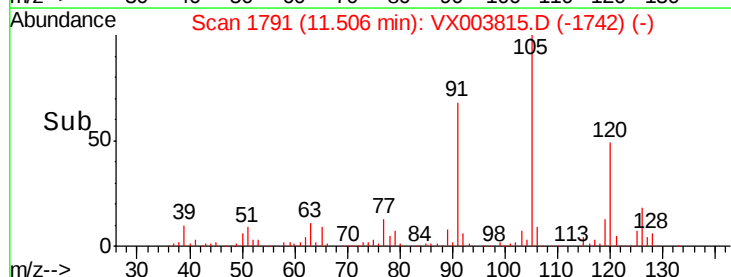
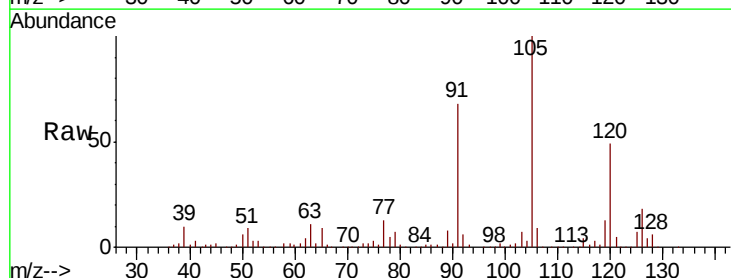
Instrument :
 MSVOA_X
 ClientSampleId :

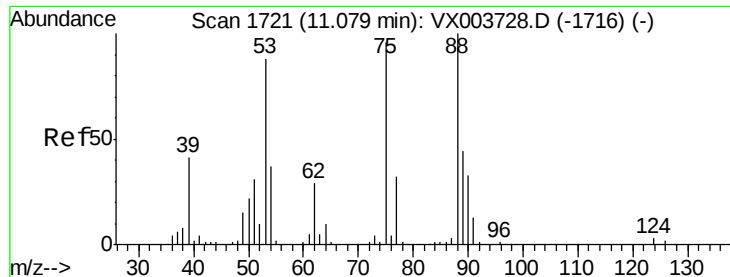
Tot Ion: 91 Resp: 119447
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.6 52.8



#80
 1,3,5-Trimethylbenzene
 Concen: 65.96 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Tgt Ion:105 Resp: 143562
 Ion Ratio Lower Upper
 105 100
 120 49.3 15.8 47.4#





#81

trans-1,4-Dichloro-2-butene

Concen: 49.30 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

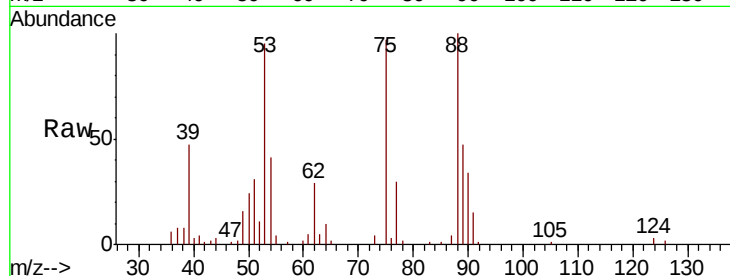
Tot Ion: 75 Resp: 9345

Ion Ratio Lower Upper

75 100

53 101.6 75.8 113.8

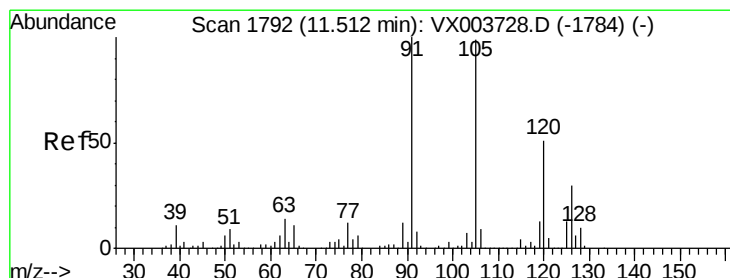
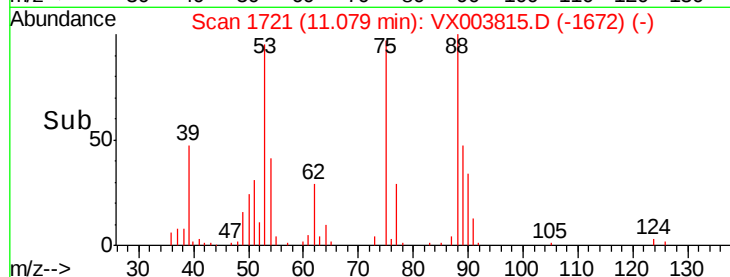
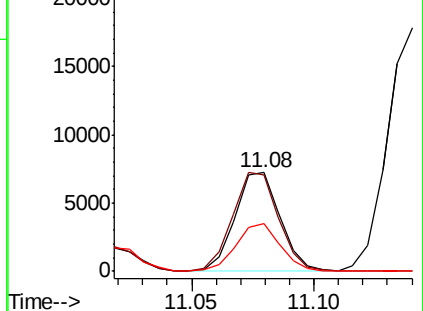
89 46.8 39.1 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 62.50 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003815.D

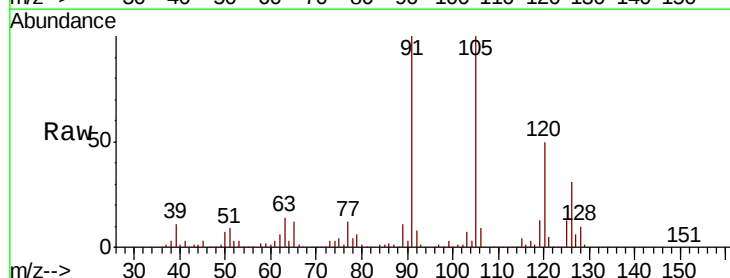
Acq: 02 Aug 2018 00:17

Tgt Ion: 91 Resp: 132954

Ion Ratio Lower Upper

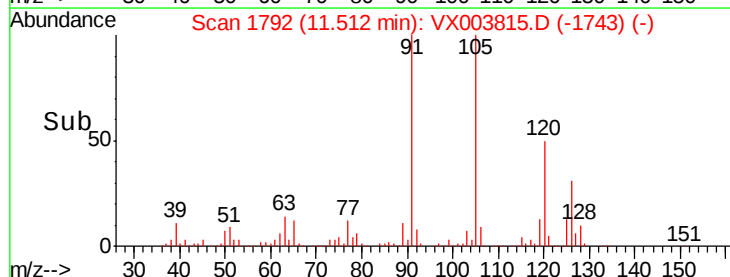
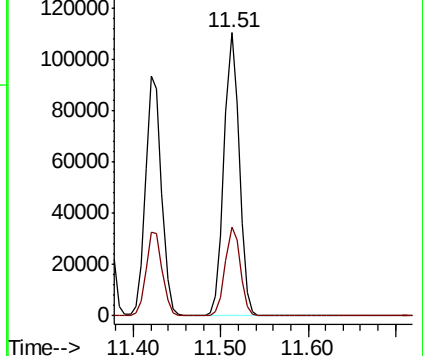
91 100

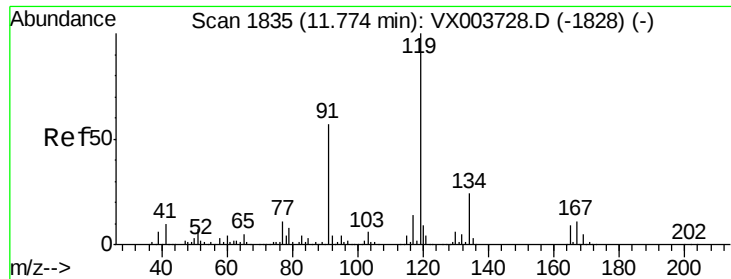
126 31.3 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

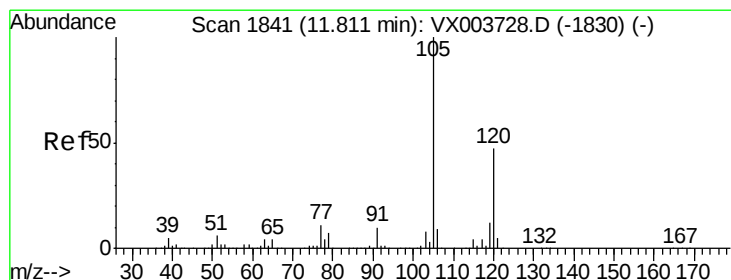
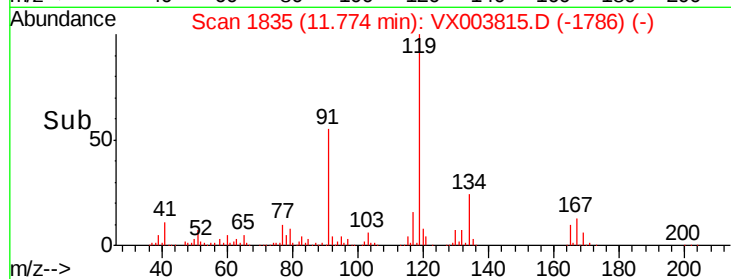
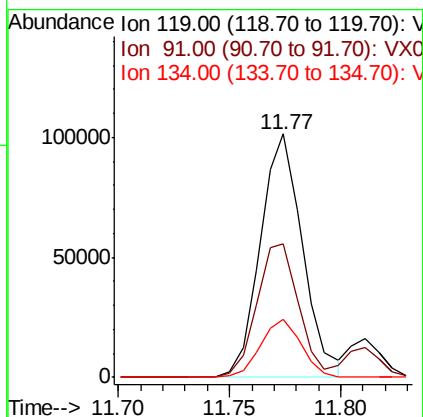
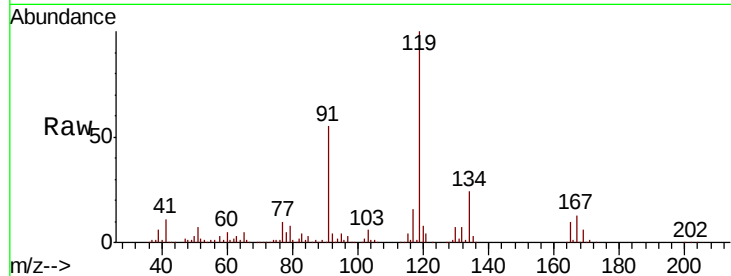




#83
 tert-Butylbenzene
 Concen: 62.21 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

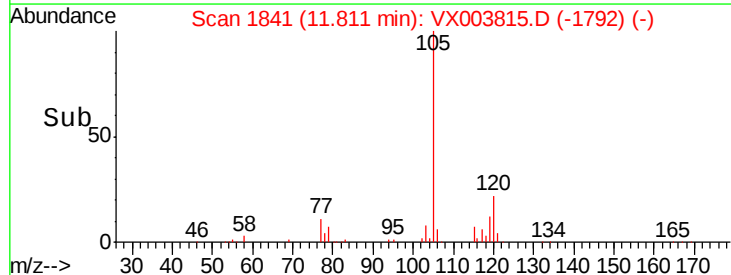
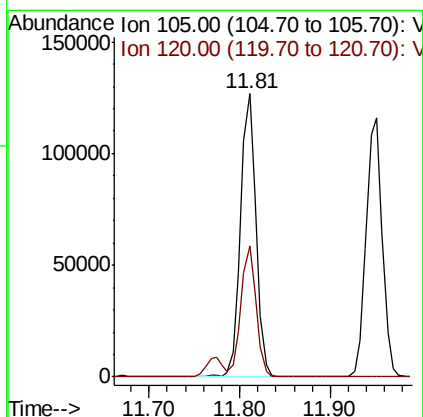
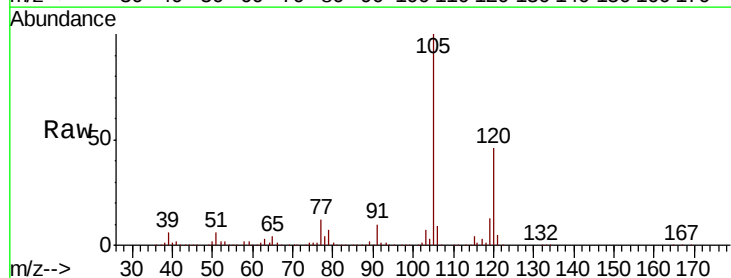
Instrument :
 MSVOA_X
 ClientSampled :

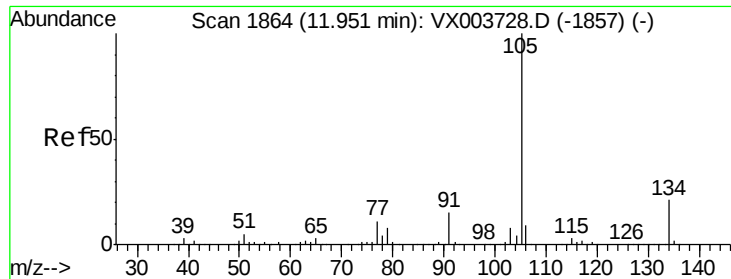
Tot Ion:119 Resp: 133923
 Ion Ratio Lower Upper
 119 100
 91 54.2 27.2 81.6
 134 23.1 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 67.06 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Tgt Ion:105 Resp: 150240
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.1 69.2





#85

sec-Butylbenzene

Concen: 51.87 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

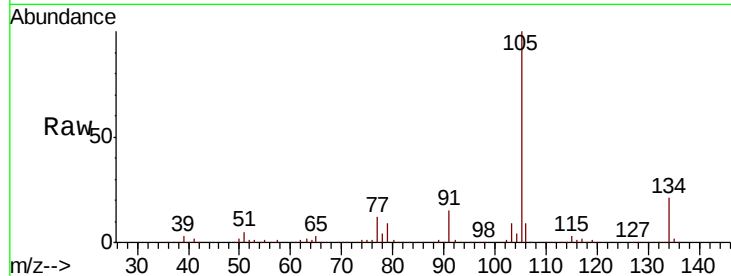
ClientSampleId :

Tot Ion:105 Resp: 142870

Ion Ratio Lower Upper

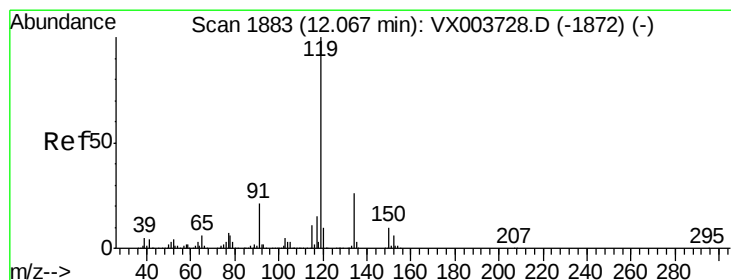
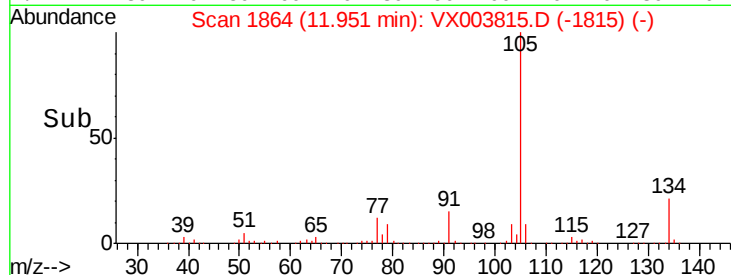
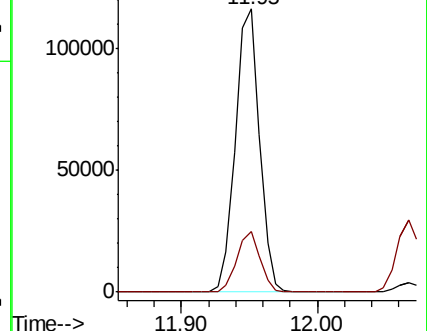
105 100

134 20.7 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.09 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

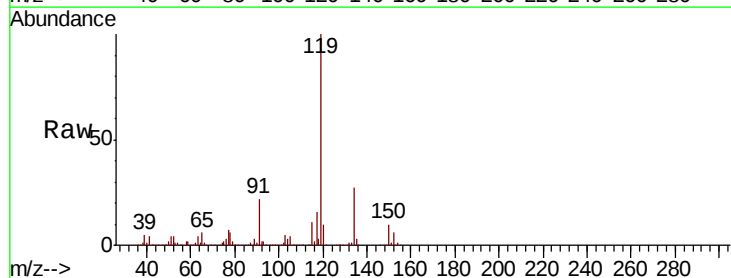
Tgt Ion:119 Resp: 130381

Ion Ratio Lower Upper

119 100

134 26.7 10.1 30.1

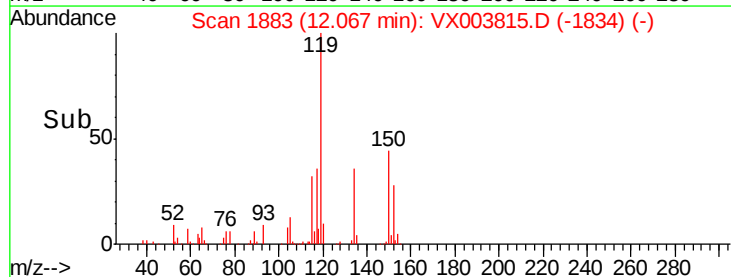
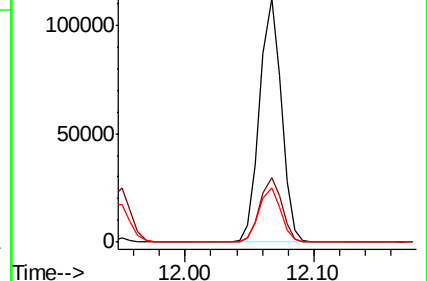
91 22.4 23.6 70.8#

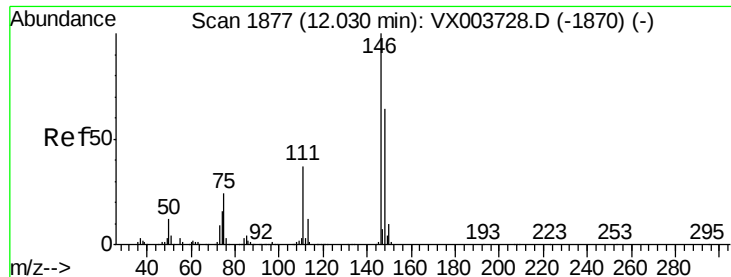


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 55.54 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

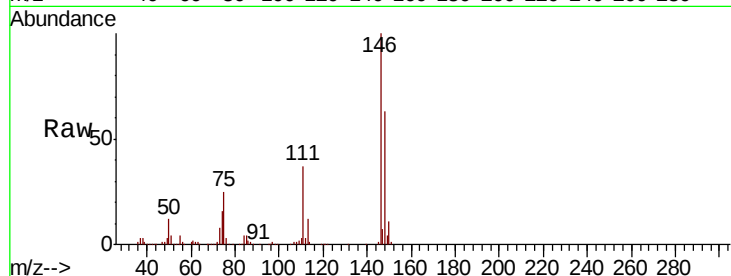
Tot Ion:146 Resp: 74688

Ion Ratio Lower Upper

146 100

111 37.7 18.8 56.3

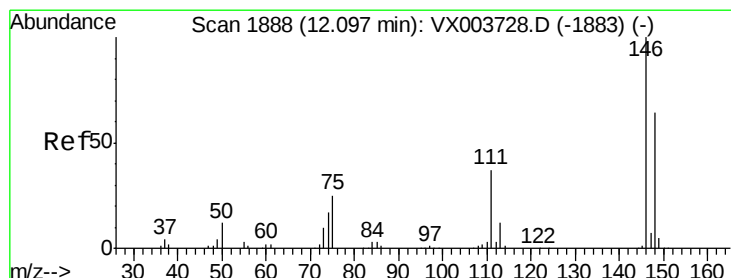
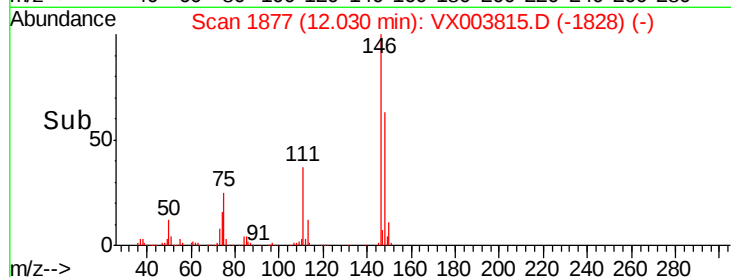
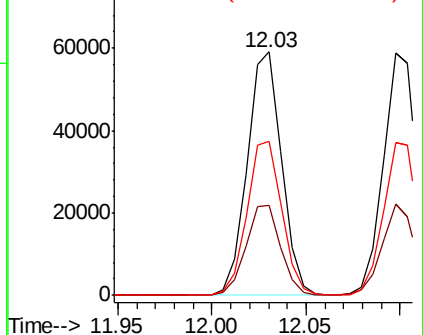
148 64.4 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 53.88 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

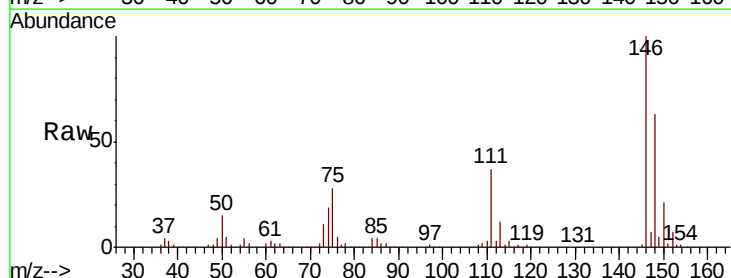
Tgt Ion:146 Resp: 73930

Ion Ratio Lower Upper

146 100

111 36.7 18.3 54.9

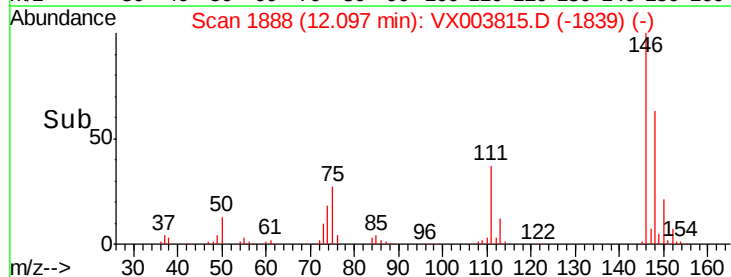
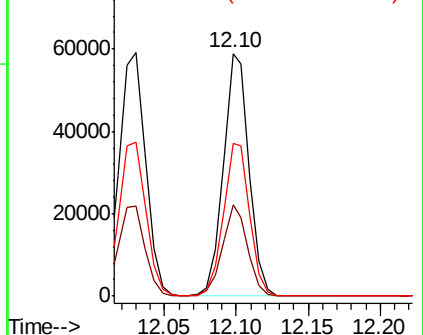
148 64.2 32.0 96.2

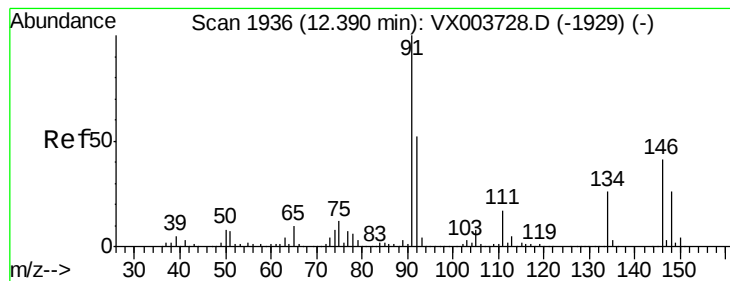


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 40.64 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

ClientSampled :

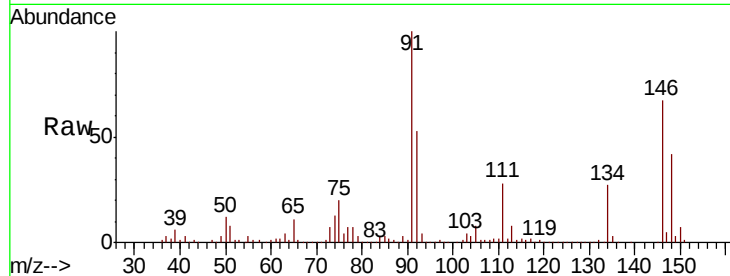
Tot Ion: 91 Resp: 96824

Ion Ratio Lower Upper

91 100

92 52.5 26.2 78.5

134 27.1 13.6 40.7

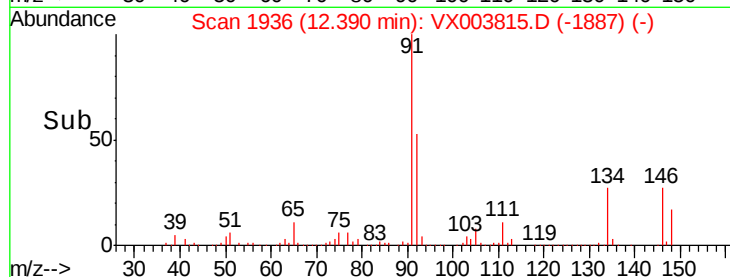


Abundance Ion 91.00 (90.70 to 91.70): VX003728.D (-1929) (-)

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

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

Time-->

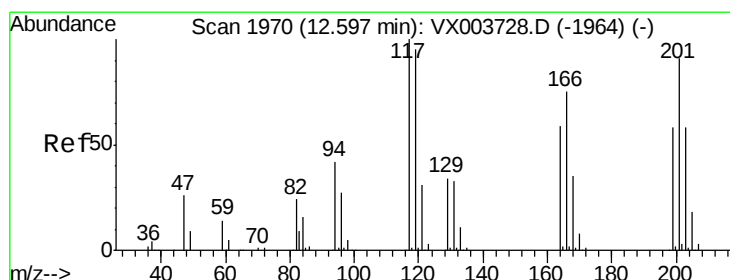


Abundance Ion 91.00 (90.70 to 91.70): VX003815.D (-1887) (-)

Ion 92.00 (91.70 to 92.70): VX003815.D (-1887) (-)

Ion 134.00 (133.70 to 134.70): VX003815.D (-1887) (-)

Time-->



#90

Hexachloroethane

Concen: 46.17 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003815.D

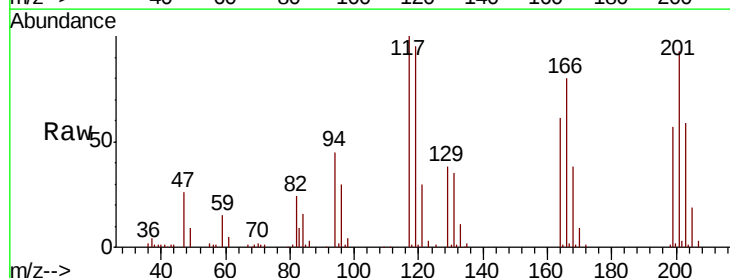
Acq: 02 Aug 2018 00:17

Tgt Ion: 117 Resp: 17162

Ion Ratio Lower Upper

117 100

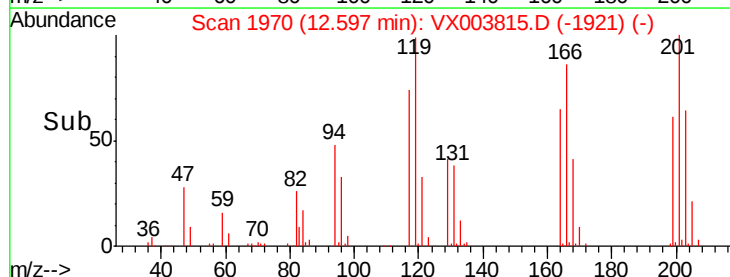
201 96.9 49.3 147.8



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

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

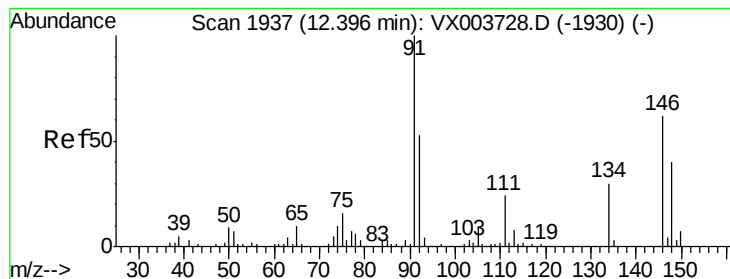
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX003815.D (-1921) (-)

Ion 200.70 (200.40 to 201.40): VX003815.D (-1921) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 62.18 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

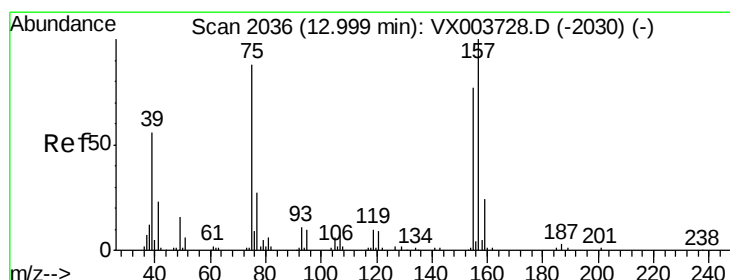
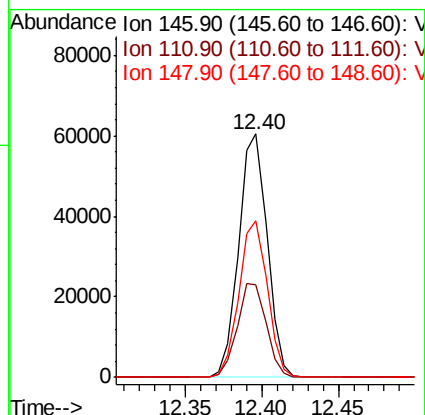
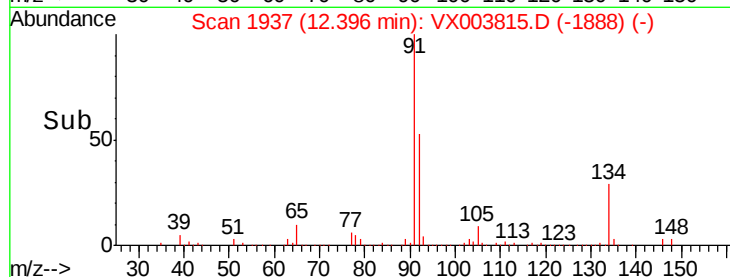
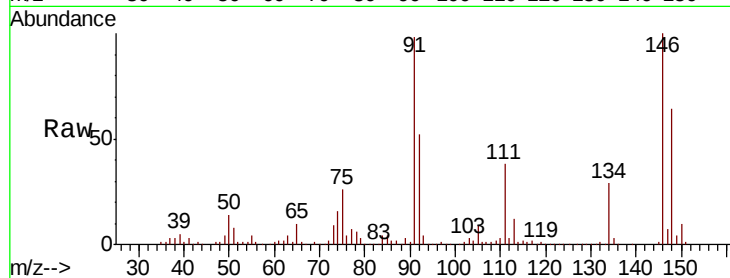
Tot Ion:146 Resp: 77871

Ion Ratio Lower Upper

146 100

111 39.6 19.4 58.4

148 64.1 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 68.17 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

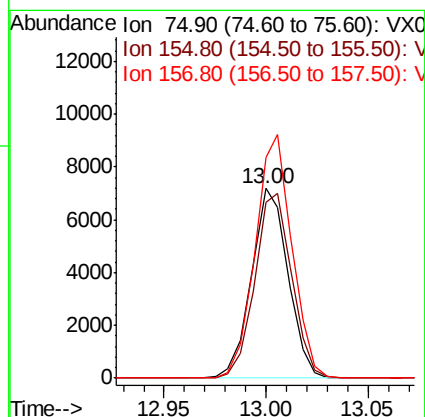
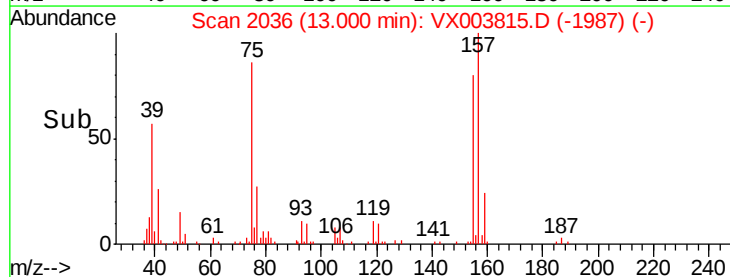
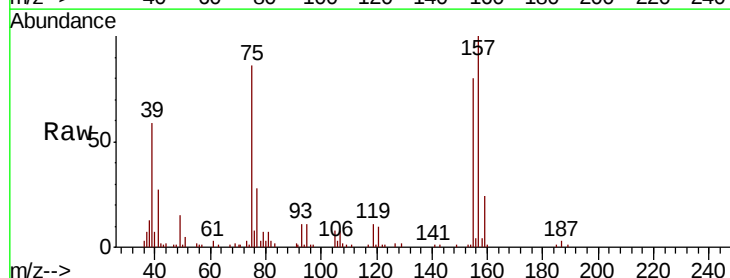
Tgt Ion: 75 Resp: 8967

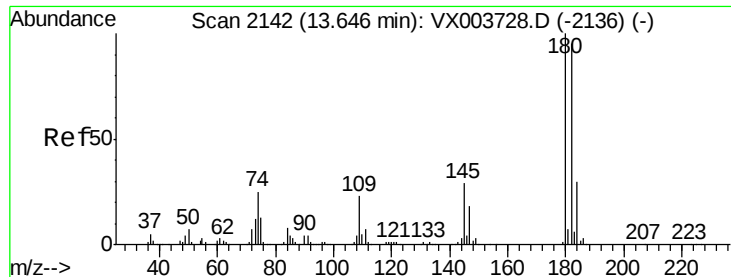
Ion Ratio Lower Upper

75 100

155 98.4 48.9 146.7

157 128.0 63.7 191.1

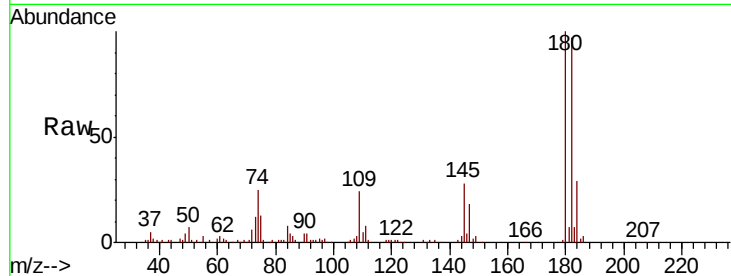




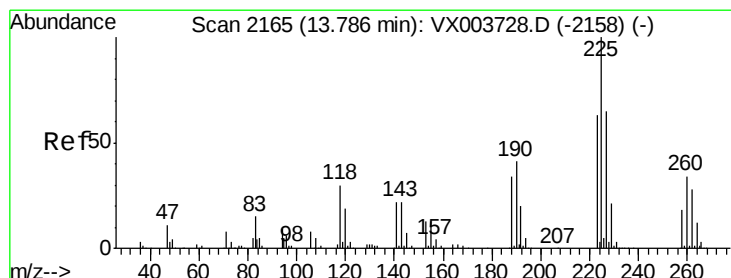
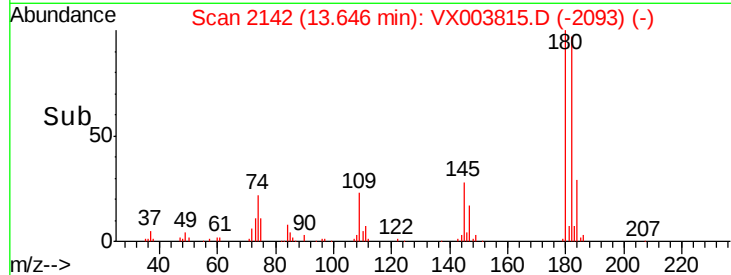
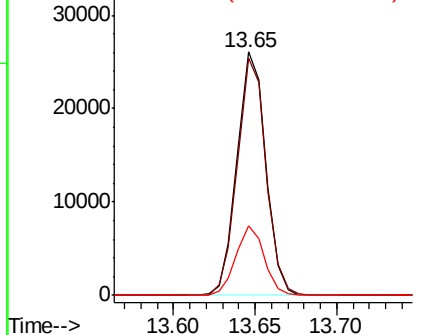
#93
 1,2,4-Trichlorobenzene
 Concen: 32.22 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.6	142.9
145	28.2	14.1	42.2

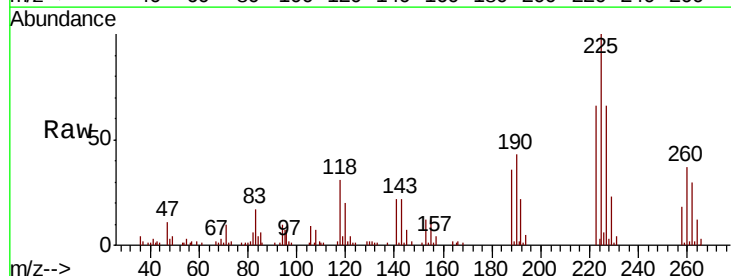


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

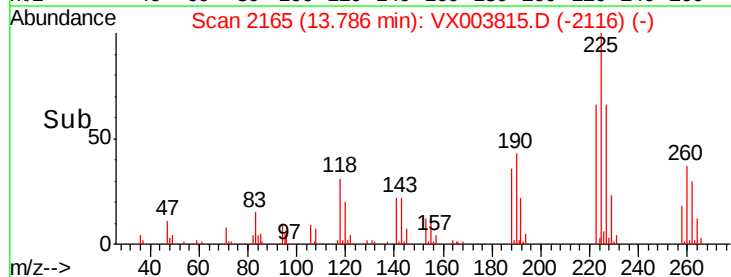
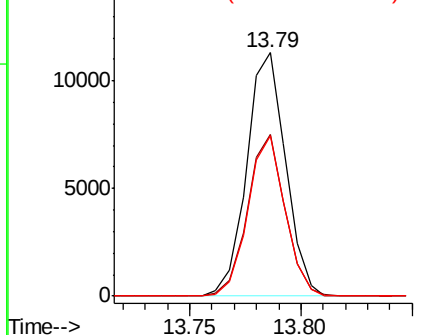


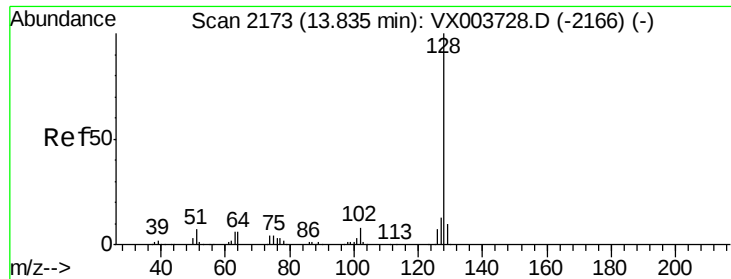
#94
 Hexachlorobutadiene
 Concen: 21.67 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.1	93.5
227	62.9	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: 61.25 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

ClientSampled :

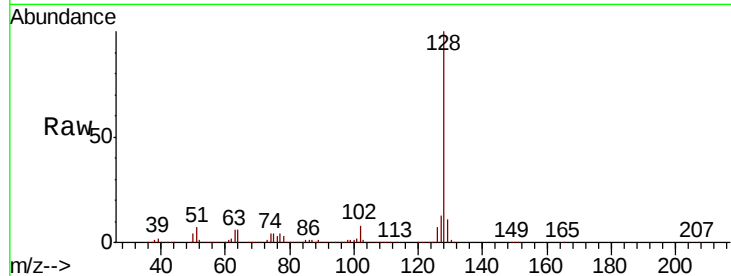
Tot Ion:128 Resp: 130041

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

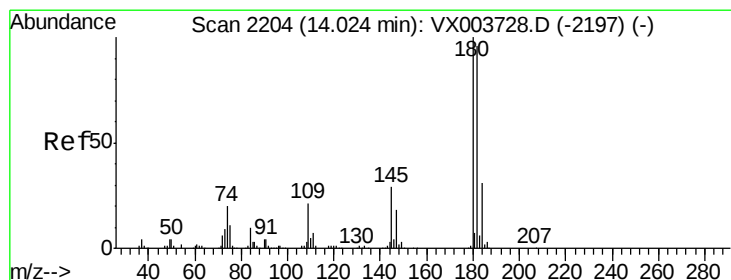
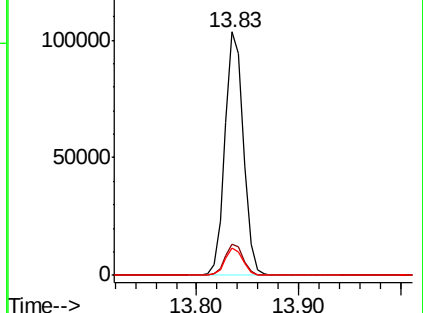
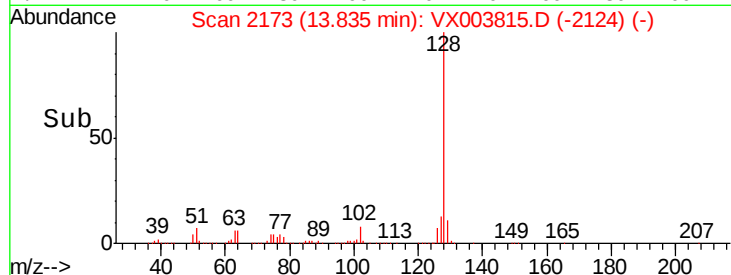
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 33.37 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

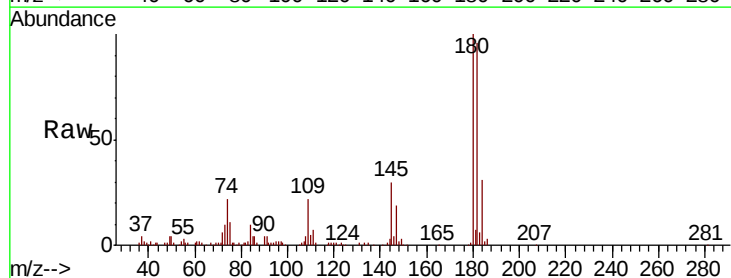
Tgt Ion:180 Resp: 30097

Ion Ratio Lower Upper

180 100

182 97.3 47.9 143.8

145 31.2 14.7 44.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

