

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004095.D
 Acq On : 16 Aug 2018 02:14
 Operator : JC/MD
 Sample : VX0815WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS02

Quant Time: Aug 16 07:17:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	284424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	422267	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	399934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	243101	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	213466	53.27	ug/l	0.00
Spiked Amount			Recovery	=	106.54%	
35) Dibromofluoromethane	5.51	113	174602	55.25	ug/l	0.00
Spiked Amount			Recovery	=	110.50%	
50) Toluene-d8	8.71	98	672534	52.49	ug/l	0.00
Spiked Amount			Recovery	=	104.98%	
62) 4-Bromofluorobenzene	11.14	95	240557	51.76	ug/l	0.00
Spiked Amount			Recovery	=	103.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	56449	20.39	ug/l	100
3) Chloromethane	1.32	50	66989	19.72	ug/l	98
4) Vinyl Chloride	1.40	62	75497	20.54	ug/l	98
5) Bromomethane	1.64	94	44070	23.56	ug/l	98
6) Chloroethane	1.73	64	53557	21.12	ug/l	97
7) Trichlorofluoromethane	1.93	101	104367	20.24	ug/l	99
8) Diethyl Ether	2.18	74	45879	20.38	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	63135	19.62	ug/l	100
10) Methyl Iodide	2.51	142	62113	21.28	ug/l	98
11) Tert butyl alcohol	3.04	59	91750	113.69	ug/l	99
12) 1,1-Dichloroethene	2.37	96	60650	20.27	ug/l	98
13) Acrolein	2.29	56	46284	91.78	ug/l	100
14) Allyl chloride	2.73	41	109183	19.18	ug/l	96
15) Acrylonitrile	3.14	53	227861	113.25	ug/l	100
16) Acetone	2.44	43	225469	108.21	ug/l	100
17) Carbon Disulfide	2.57	76	160739	18.94	ug/l	99
18) Methyl Acetate	2.77	43	100201	21.64	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	221373	21.00	ug/l	98
20) Methylene Chloride	2.86	84	72638	20.98	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	70046	20.61	ug/l	92
22) Diisopropyl ether	3.87	45	237884	21.32	ug/l	96
23) Vinyl Acetate	3.82	43	996472	108.75	ug/l	99
24) 1,1-Dichloroethane	3.70	63	134911	21.35	ug/l	99
25) 2-Butanone	4.70	43	357404	105.43	ug/l	100
26) 2,2-Dichloropropane	4.59	77	63399	12.62	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	77642	20.32	ug/l	96
28) Bromochloromethane	5.02	49	62722	21.63	ug/l	99
29) Tetrahydrofuran	5.16	42	179008	103.35	ug/l	98
30) Chloroform	5.21	83	129324	20.97	ug/l	97
31) Cyclohexane	5.58	56	103436	18.67	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	107755	20.91	ug/l	98
36) 1,1-Dichloropropene	5.80	75	95036	19.78	ug/l	99
37) Ethyl Acetate	4.85	43	105924	20.24	ug/l	100
38) Carbon Tetrachloride	5.78	117	93720	20.08	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	100995	18.53	ug/l	99
40) Benzene	6.15	78	294883	20.44	ug/l	99
41) Methacrylonitrile	5.06	41	57325	19.56	ug/l	98
42) 1,2-Dichloroethane	6.20	62	104166	20.62	ug/l	100
43) Isopropyl Acetate	6.47	43	152701	19.80	ug/l	99
44) Trichloroethene	7.21	130	76527	19.54	ug/l	96
45) 1,2-Dichloropropane	7.52	63	74703	20.22	ug/l	99
46) Dibromomethane	7.67	93	49664	20.57	ug/l	99
47) Bromodichloromethane	7.90	83	92968	20.34	ug/l	98
48) Methyl methacrylate	7.78	41	79900	20.58	ug/l	99
49) 1,4-Dioxane	7.76	88	37279	426.46	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	693849	109.71	ug/l	99
52) Toluene	8.79	92	189509	20.77	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	91074	18.44	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	104193	19.05	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	77420	20.55	ug/l	99
56) Ethyl methacrylate	9.18	69	101233	19.76	ug/l	98
57) 1,3-Dichloropropane	9.37	76	128839	20.61	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	284384	108.99	ug/l	99
59) 2-Hexanone	9.50	43	522721	109.82	ug/l	98
60) Dibromochloromethane	9.59	129	72349	19.95	ug/l	100
61) 1,2-Dibromoethane	9.67	107	79247	20.63	ug/l	99
64) Tetrachloroethene	9.34	164	80573	21.26	ug/l	94
65) Chlorobenzene	10.14	112	208122	20.15	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	72688	20.63	ug/l	99
67) Ethyl Benzene	10.26	91	330406	20.20	ug/l	97
68) m/p-Xylenes	10.36	106	270661	42.25	ug/l	97
69) o-Xylene	10.70	106	125974	20.58	ug/l	95
70) Styrene	10.71	104	215941	20.96	ug/l	97
71) Bromoform	10.86	173	54341	19.45	ug/l #	98
73) Isopropylbenzene	11.02	105	342372	20.81	ug/l	96
74) N-amyl acetate	6.47	43	152701	19.73	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	118989	20.71	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	126202	25.89	ug/l	84
77) Bromobenzene	11.26	156	92895	20.48	ug/l	99
78) n-propylbenzene	11.36	91	381885	20.74	ug/l	99
79) 2-Chlorotoluene	11.42	91	237650	21.18	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	274310	20.36	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	25610	16.26	ug/l	95
82) 4-Chlorotoluene	11.51	91	273806	20.65	ug/l	100
83) tert-Butylbenzene	11.77	119	265739	19.57	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	289495	20.75	ug/l	98
85) sec-Butylbenzene	11.94	105	326828	20.56	ug/l	100
86) p-Isopropyltoluene	12.07	119	287514	19.98	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	170229	19.68	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	173944	19.54	ug/l	96
89) n-Butylbenzene	12.39	91	209708	18.49	ug/l	100
90) Hexachloroethane	12.60	117	41599	19.32	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	149183	19.12	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20150	19.96	ug/l	95

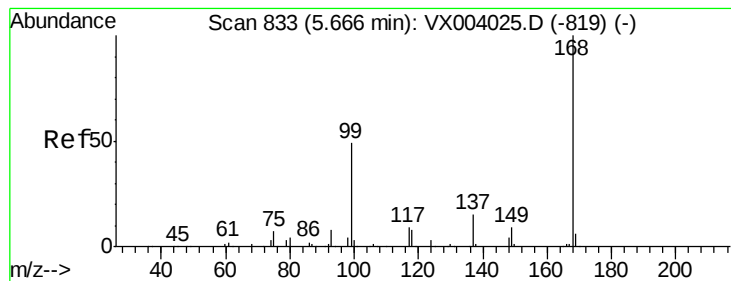
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
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Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS02

Quant Time: Aug 16 07:17:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	104361	19.57	ug/l	98
94) Hexachlorobutadiene	13.79	225	48025	17.97	ug/l	99
95) Naphthalene	13.83	128	315593	19.29	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	118284	20.34	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004095.D

Acq: 16 Aug 2018 02:14

Instrument :

MSVOA_X

ClientSampleId :

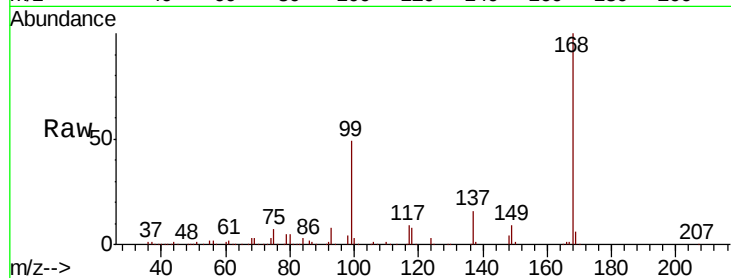
VX0815WBS02

Tot Ion:168 Resp: 284424

Ion Ratio Lower Upper

168 100

99 48.9 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

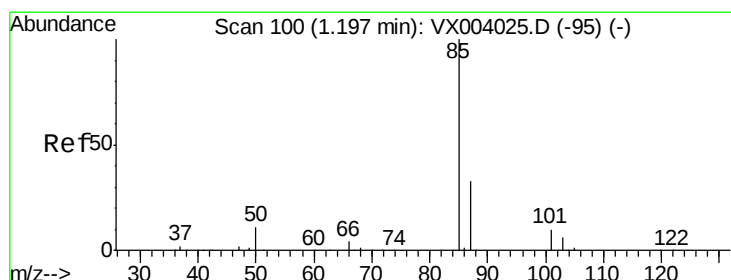
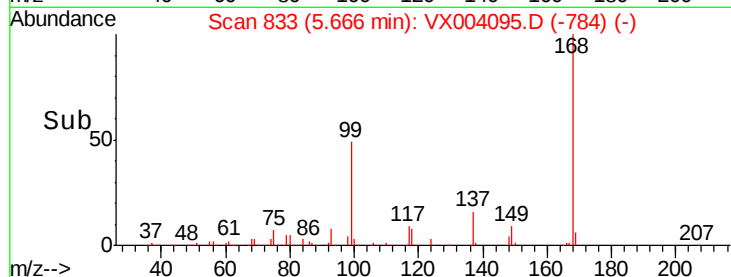
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.39 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004095.D

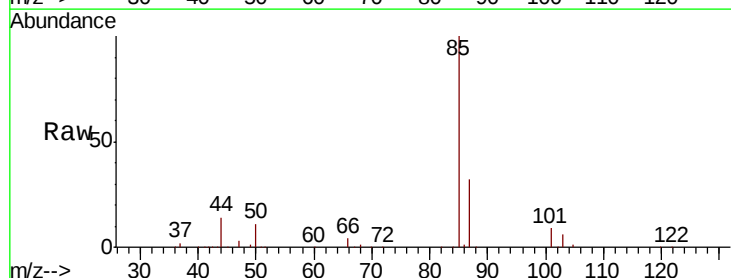
Acq: 16 Aug 2018 02:14

Tgt Ion: 85 Resp: 56449

Ion Ratio Lower Upper

85 100

87 32.3 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

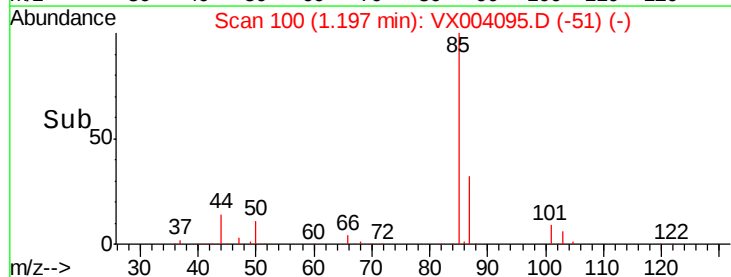
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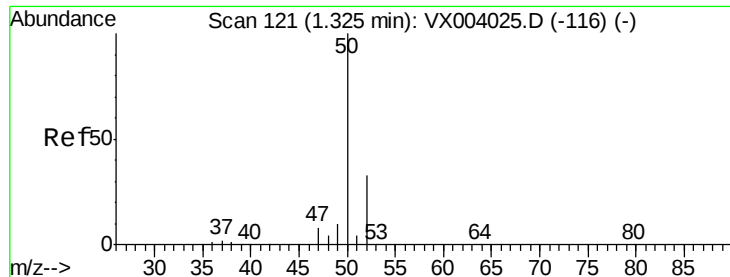
20000

10000

0

Time--> 1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.72 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004095.D

Acq: 16 Aug 2018 02:14

Instrument :

MSVOA_X

ClientSampleId :

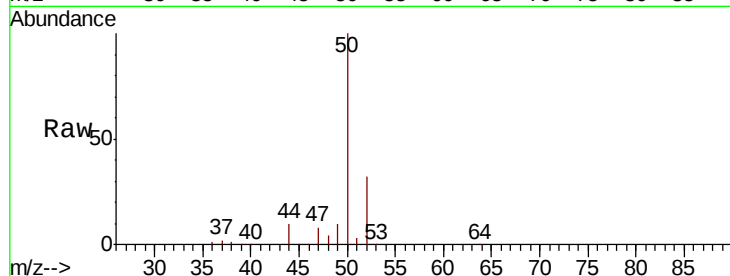
VX0815WBS02

Tot Ion: 50 Resp: 66989

Ion Ratio Lower Upper

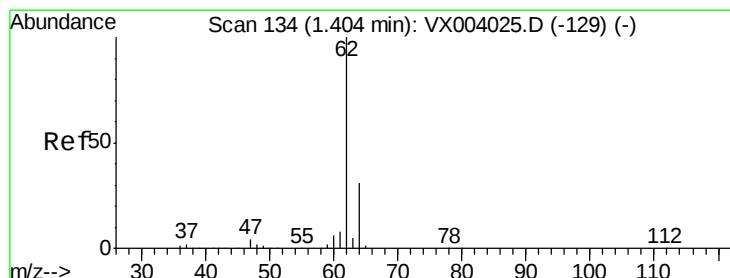
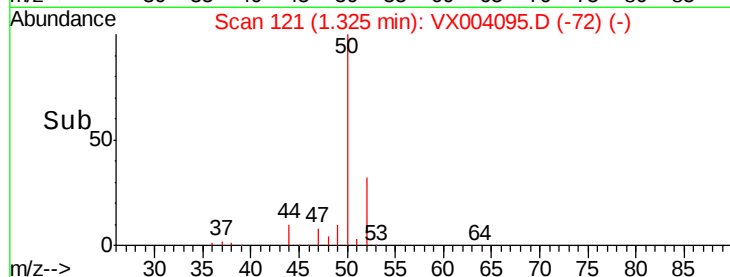
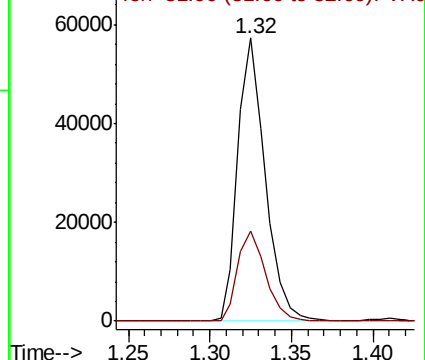
50 100

52 32.0 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.54 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004095.D

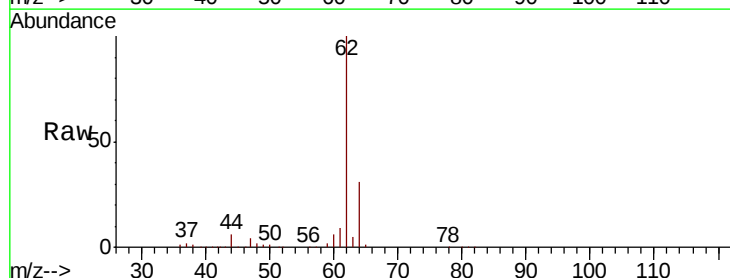
Acq: 16 Aug 2018 02:14

Tgt Ion: 62 Resp: 75497

Ion Ratio Lower Upper

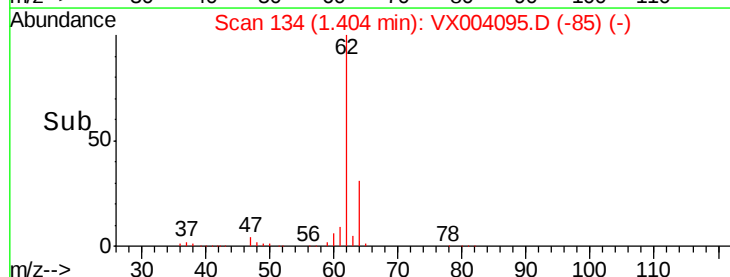
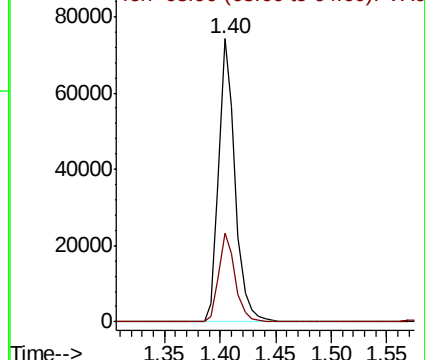
62 100

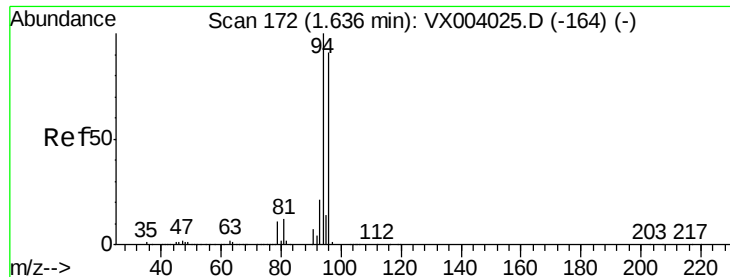
64 31.1 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 23.56 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX004095.D

Acq: 16 Aug 2018 02:14

Instrument :

MSVOA_X

ClientSampleId :

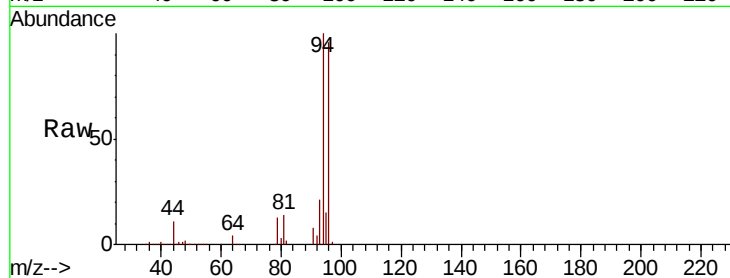
VX0815WBS02

Tot Ion: 94 Resp: 44070

Ion Ratio Lower Upper

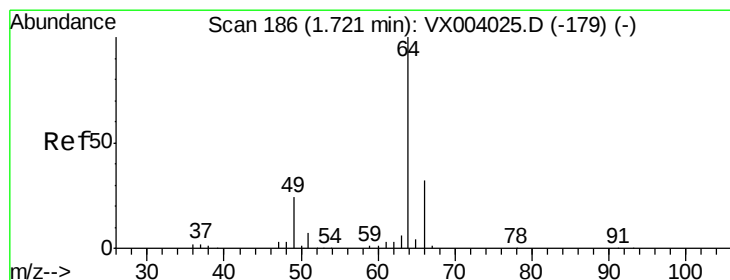
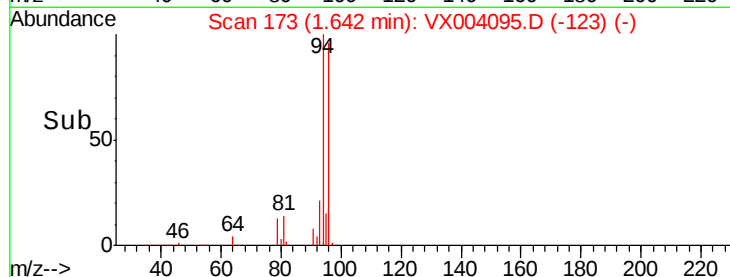
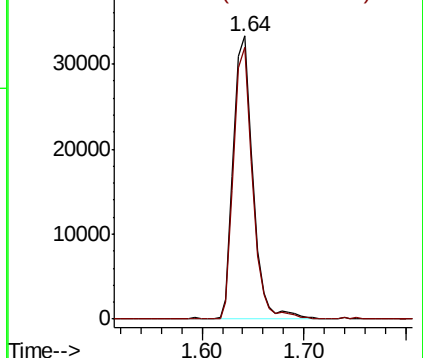
94 100

96 96.1 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.12 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX004095.D

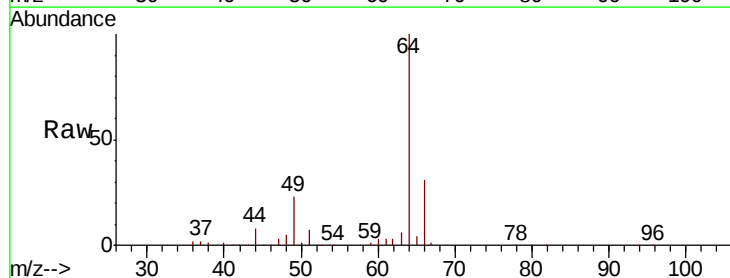
Acq: 16 Aug 2018 02:14

Tgt Ion: 64 Resp: 53557

Ion Ratio Lower Upper

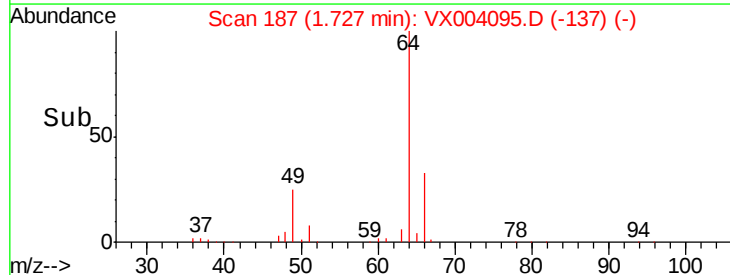
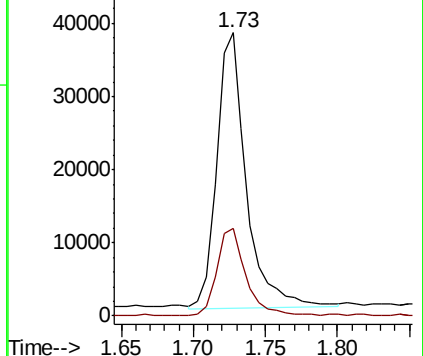
64 100

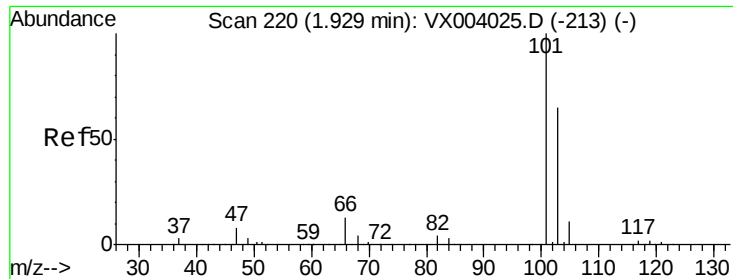
66 31.5 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



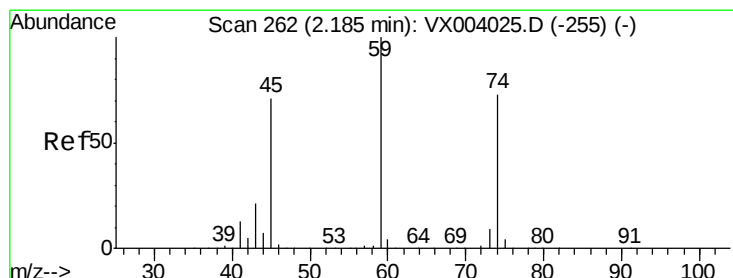
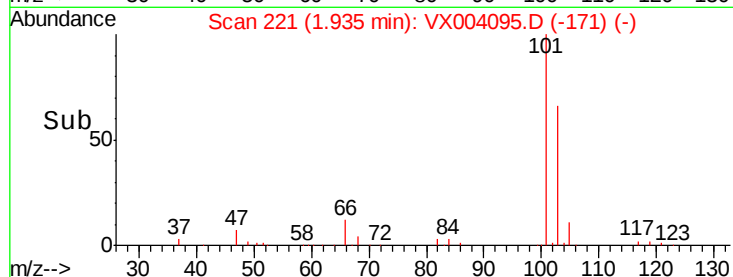
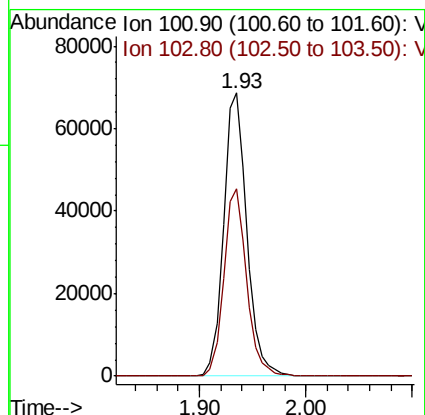
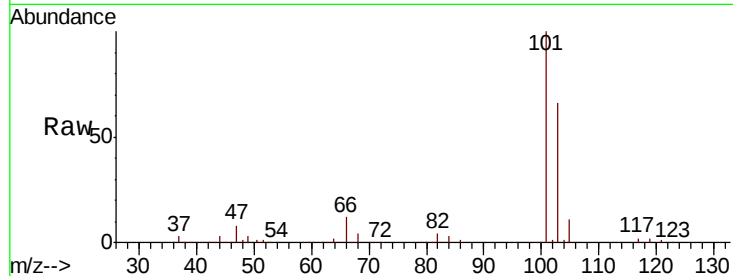


#7

Trichlorofluoromethane
 Concen: 20.24 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX004095.D
 Acq: 16 Aug 2018 02:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS02

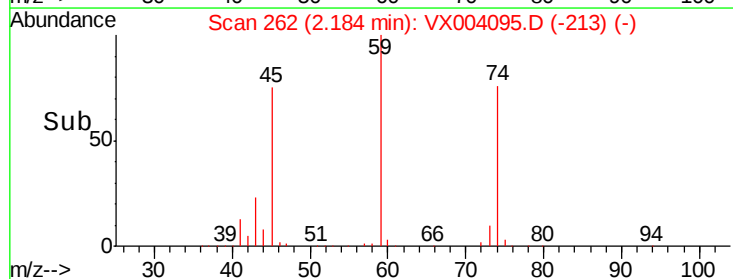
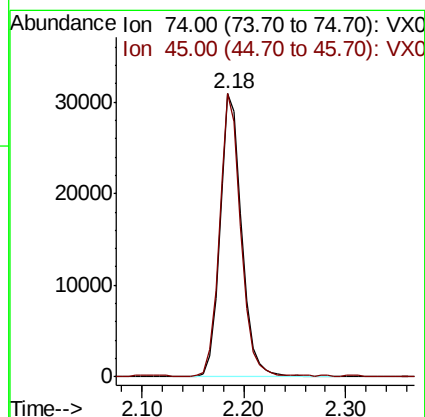
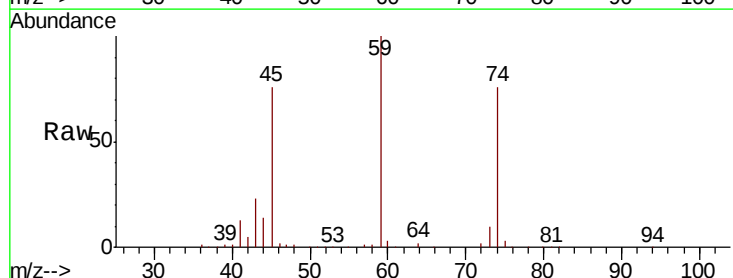
Tot Ion:101 Resp: 104367
 Ion Ratio Lower Upper
 101 100
 103 66.0 52.3 78.5

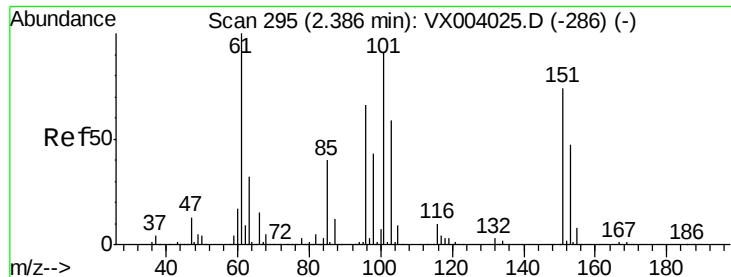


#8

Diethyl Ether
 Concen: 20.38 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.00 min
 Lab File: VX004095.D
 Acq: 16 Aug 2018 02:14

Tgt Ion: 74 Resp: 45879
 Ion Ratio Lower Upper
 74 100
 45 97.4 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.62 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX004095.D

Acq: 16 Aug 2018 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0815WBS02

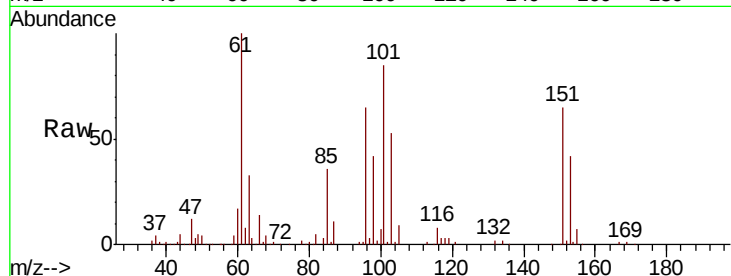
Tot Ion:101 Resp: 63135

Ion Ratio Lower Upper

101 100

85 43.1 34.2 51.4

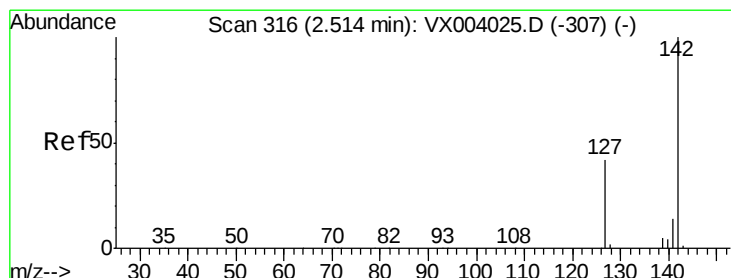
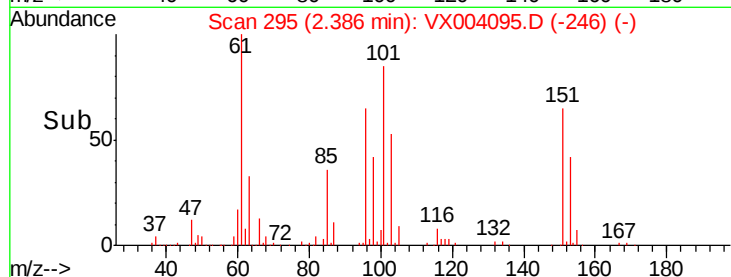
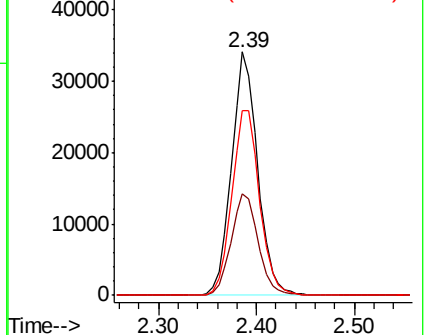
151 80.9 65.0 97.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.28 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX004095.D

Acq: 16 Aug 2018 02:14

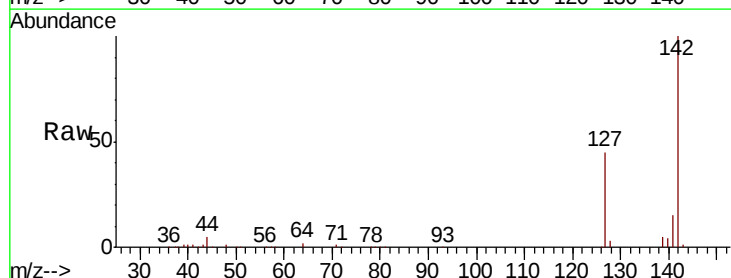
Tgt Ion:142 Resp: 62113

Ion Ratio Lower Upper

142 100

127 42.7 33.1 49.7

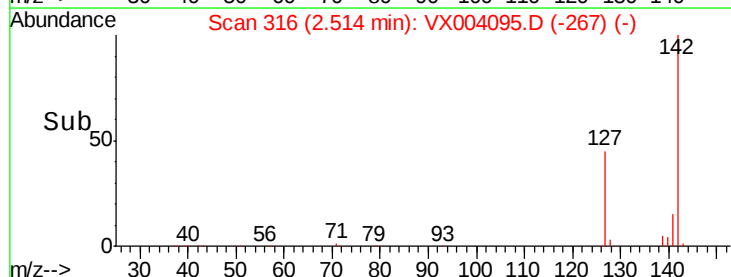
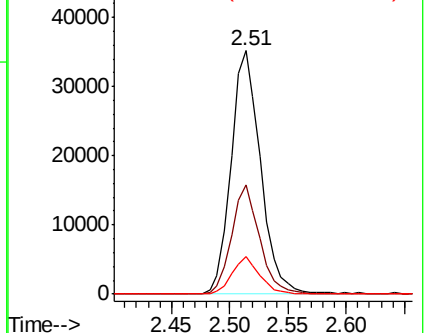
141 14.3 11.1 16.7

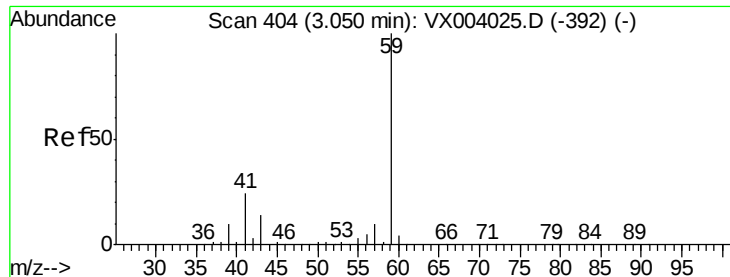


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



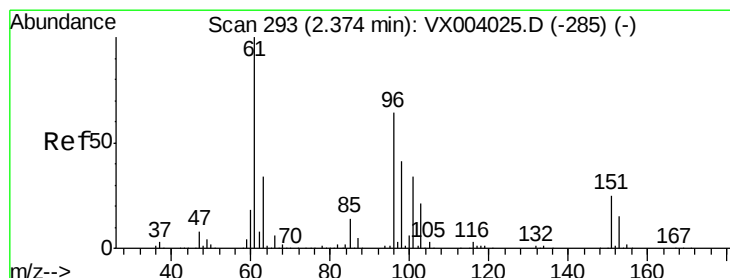
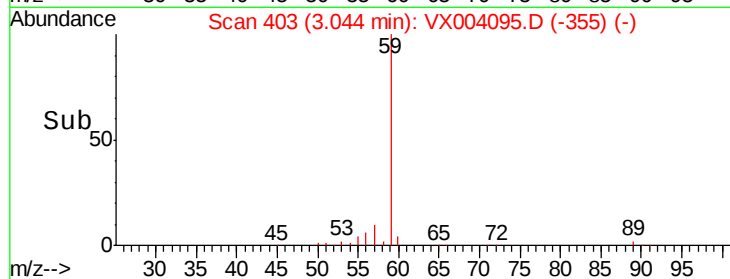
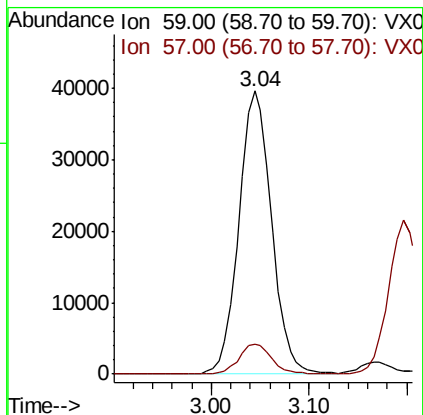
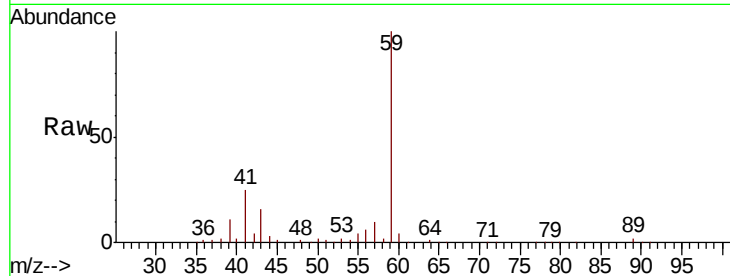


#11

Tert butyl alcohol
 Concen: 113.69 ug/l
 RT: 3.04 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: VX004095.D
 Acq: 16 Aug 2018 02:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS02

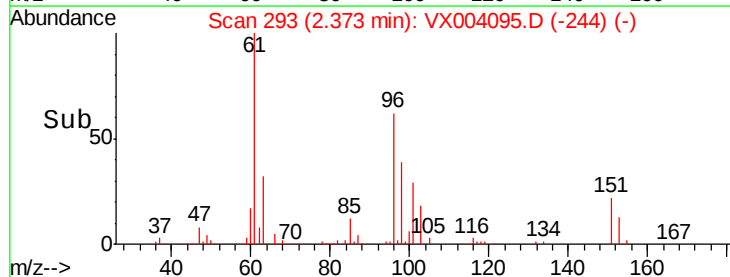
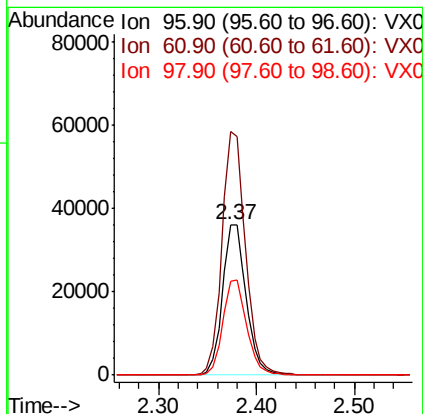
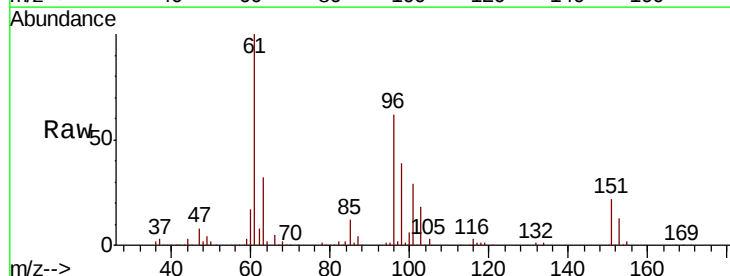
Tot Ion: 59 Resp: 91750
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.1 12.1

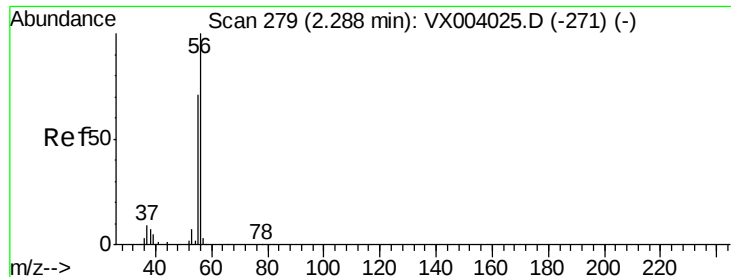


#12

1,1-Dichloroethene
 Concen: 20.27 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX004095.D
 Acq: 16 Aug 2018 02:14

Tgt Ion: 96 Resp: 60650
 Ion Ratio Lower Upper
 96 100
 61 161.8 131.3 196.9
 98 62.4 51.8 77.6





#13

Acrolein

Concen: 91.78 ug/l

RT: 2.29 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX004095.D

Acq: 16 Aug 2018 02:14

Instrument :

MSVOA_X

ClientSampleId :

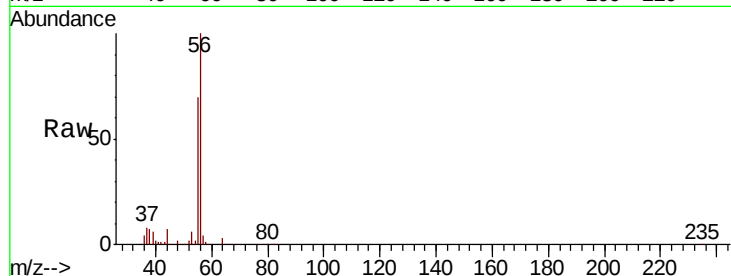
VX0815WBS02

Tot Ion: 56 Resp: 46284

Ion Ratio Lower Upper

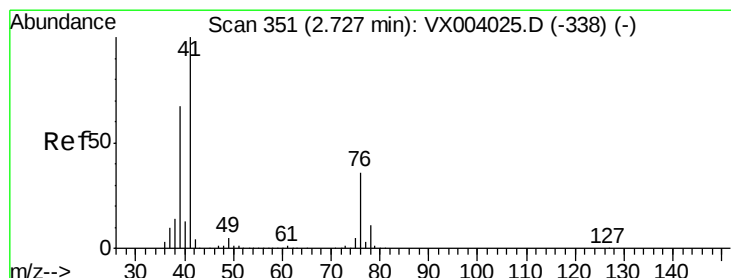
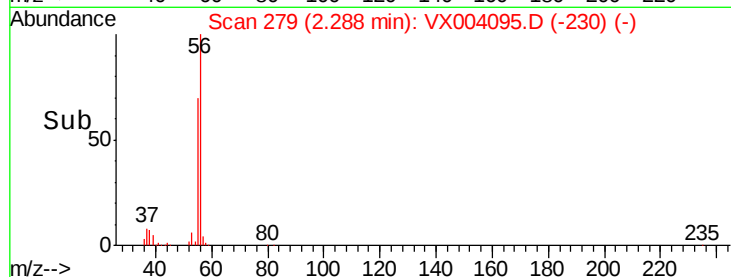
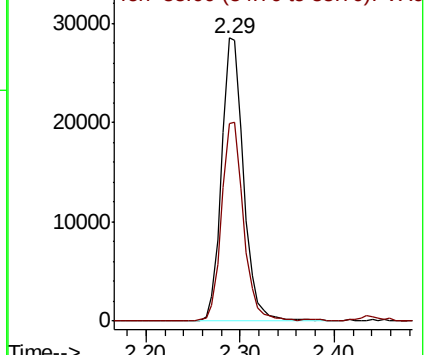
56 100

55 70.3 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.18 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004095.D

Acq: 16 Aug 2018 02:14

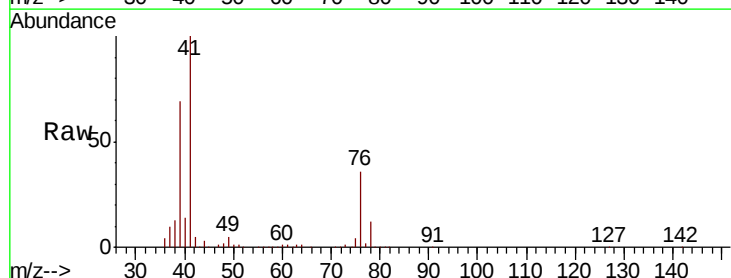
Tgt Ion: 41 Resp: 109183

Ion Ratio Lower Upper

41 100

39 63.1 47.4 71.0

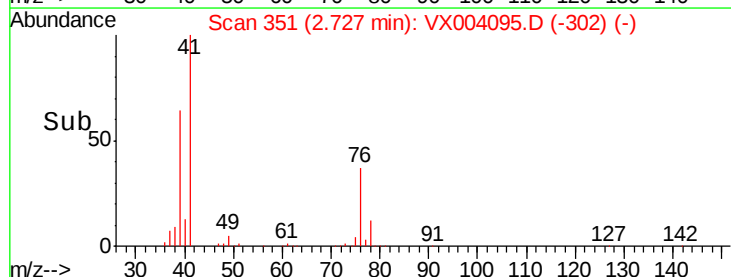
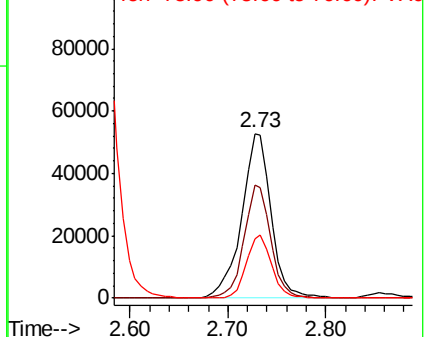
76 32.9 26.0 39.0

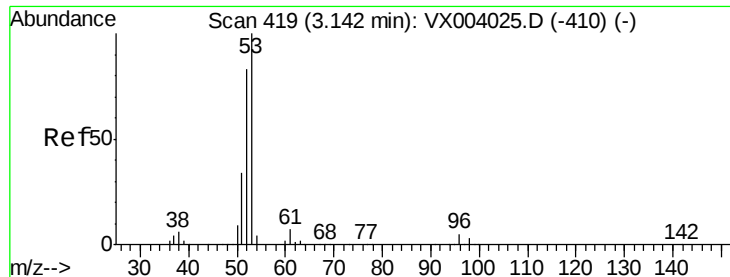


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 113.25 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.00 min

Lab File: VX004095.D

Acq: 16 Aug 2018 02:14

Instrument :

MSVOA_X

ClientSampled :

VX0815WBS02

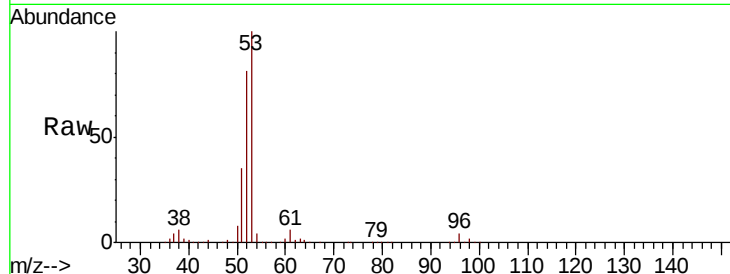
Tot Ion: 53 Resp: 227861

Ion Ratio Lower Upper

53 100

52 81.6 65.3 97.9

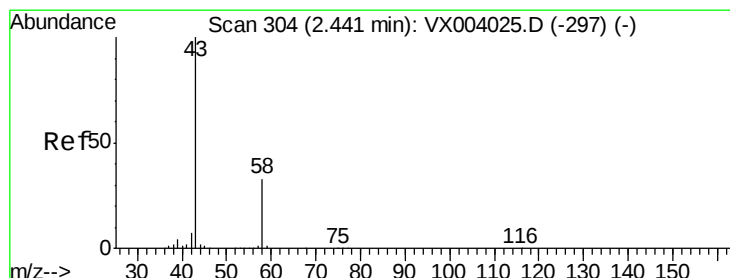
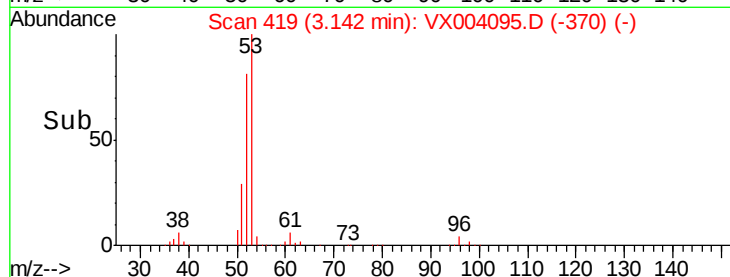
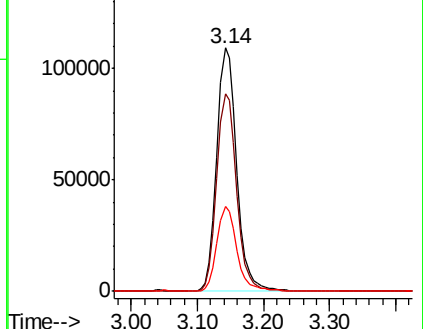
51 34.9 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 108.21 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.00 min

Lab File: VX004095.D

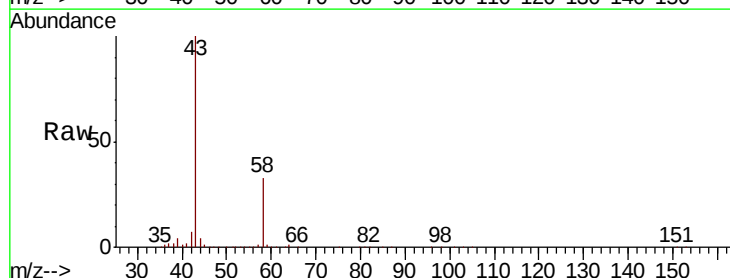
Acq: 16 Aug 2018 02:14

Tgt Ion: 43 Resp: 225469

Ion Ratio Lower Upper

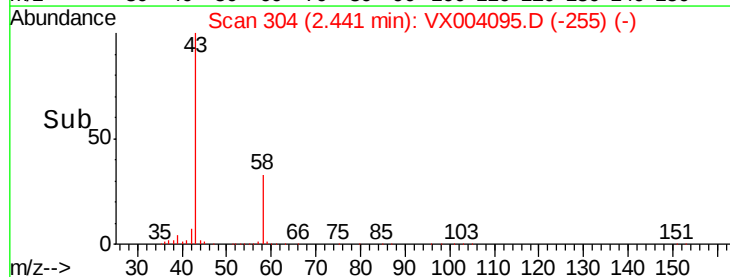
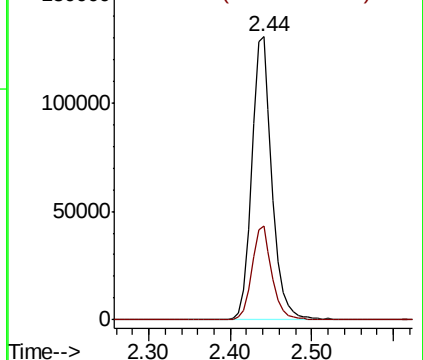
43 100

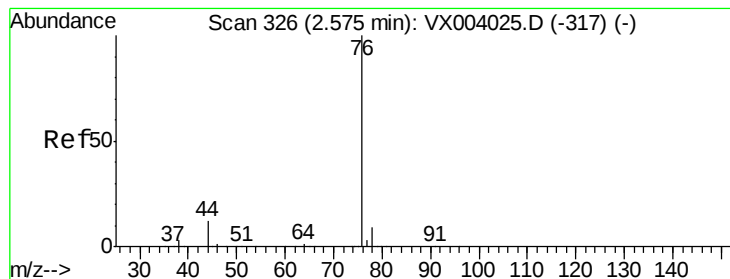
58 32.9 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.94 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX004095.D

Acq: 16 Aug 2018 02:14

Instrument :

MSVOA_X

ClientSampleId :

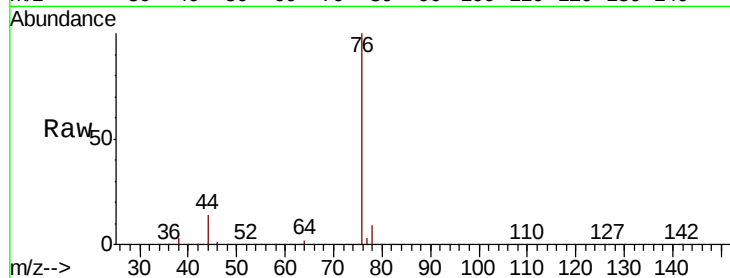
VX0815WBS02

Tot Ion: 76 Resp: 160739

Ion Ratio Lower Upper

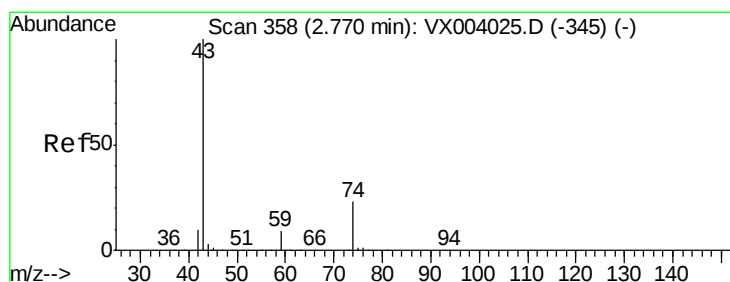
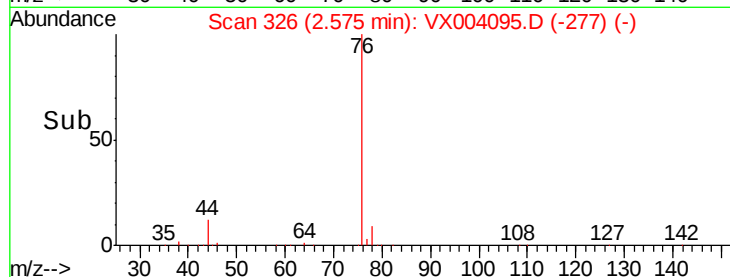
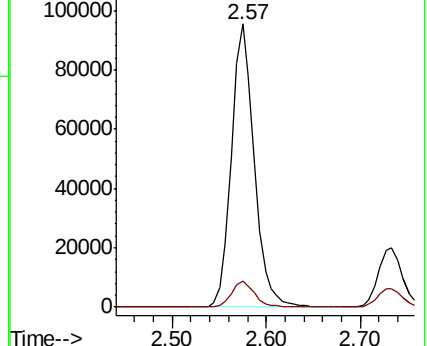
76 100

78 9.2 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.64 ug/l

RT: 2.77 min Scan# 358

Delta R.T. -0.00 min

Lab File: VX004095.D

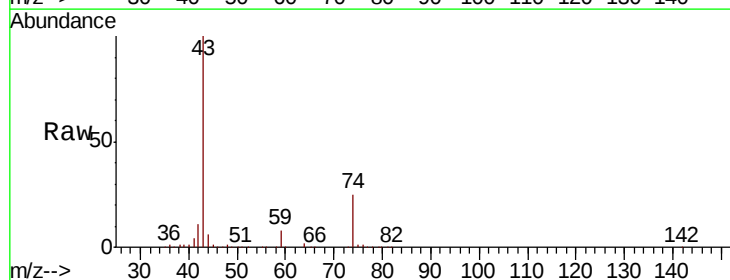
Acq: 16 Aug 2018 02:14

Tgt Ion: 43 Resp: 100201

Ion Ratio Lower Upper

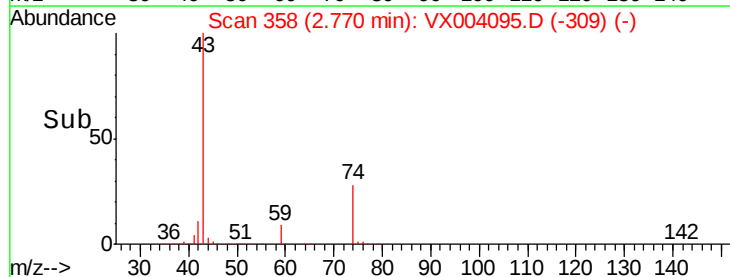
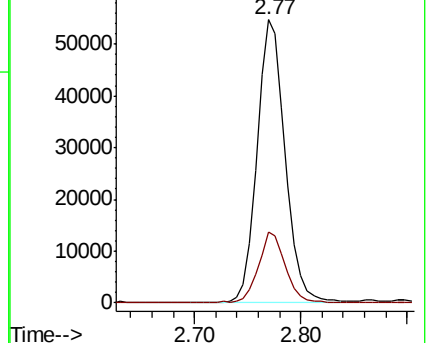
43 100

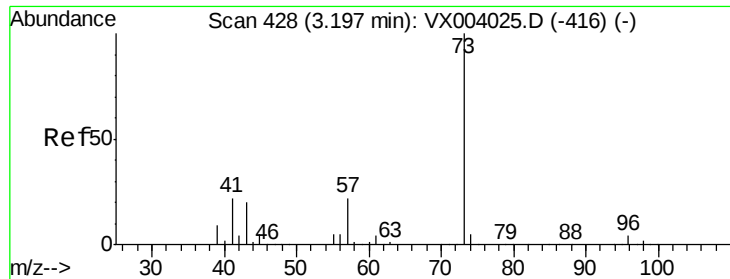
74 24.6 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

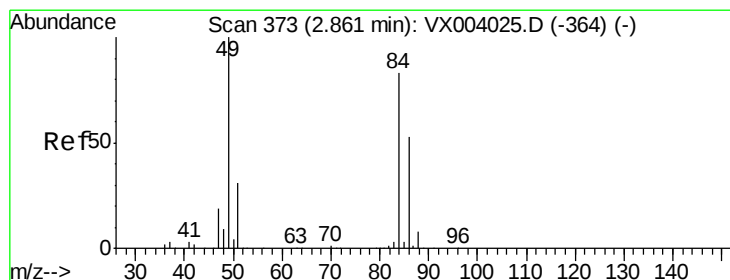
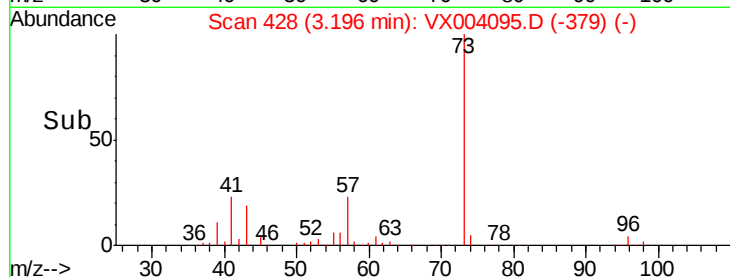
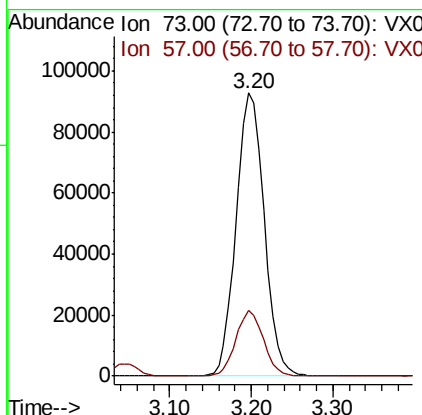
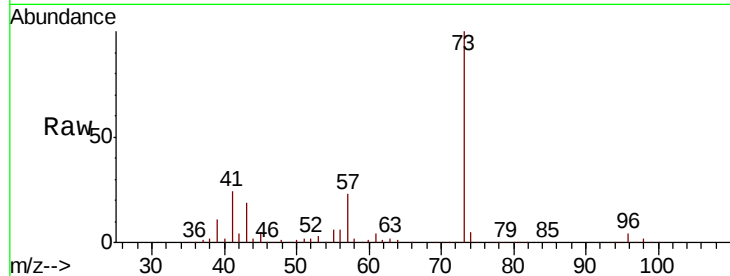




#19
Methvl tert-butvl Ether
Concen: 21.00 ug/l
RT: 3.20 min Scan# 428
Delta R.T. -0.00 min
Lab File: VX004095.D
Acq: 16 Aug 2018 02:14

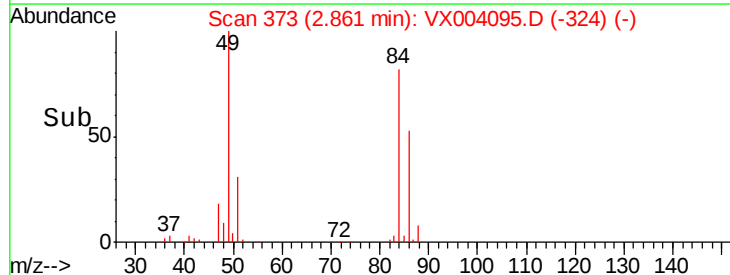
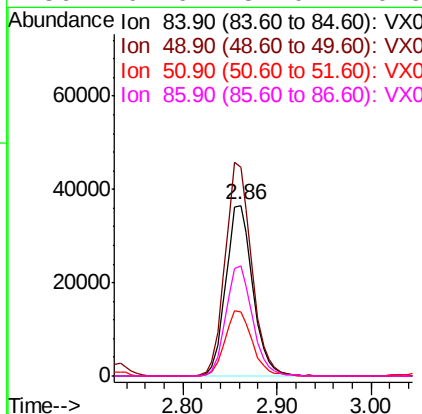
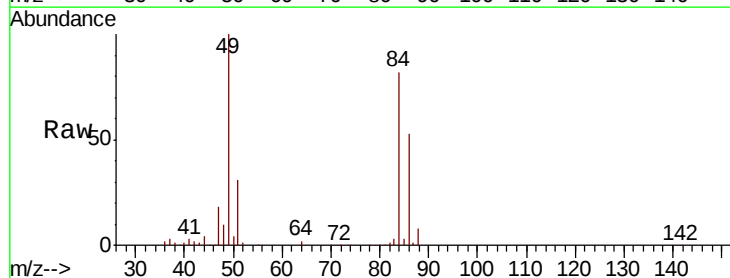
Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS02

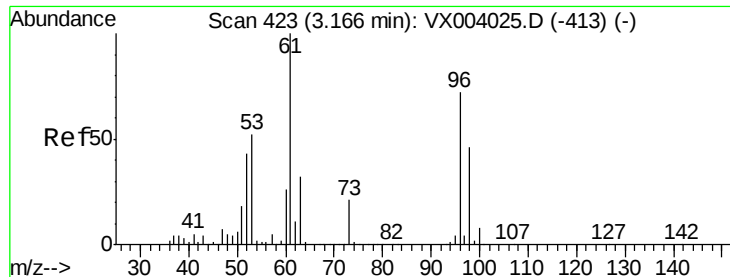
Tot Ion: 73 Resp: 221373
Ion Ratio Lower Upper
73 100
57 23.3 18.0 27.0



#20
Methylene Chloride
Concen: 20.98 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX004095.D
Acq: 16 Aug 2018 02:14

Tgt Ion: 84 Resp: 72638
Ion Ratio Lower Upper
84 100
49 122.5 98.9 148.3
51 37.3 29.9 44.9
86 64.6 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 20.61 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX004095.D

Acq: 16 Aug 2018 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0815WBS02

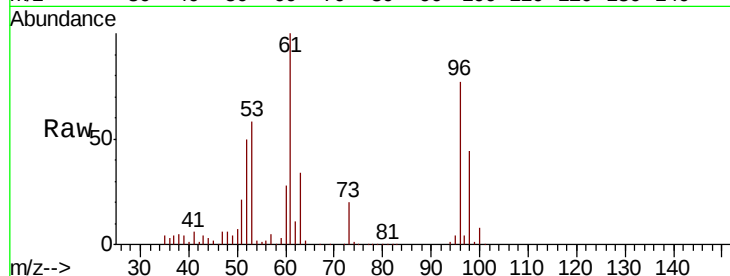
Tot Ion: 96 Resp: 70046

Ion Ratio Lower Upper

96 100

61 130.5 111.8 167.6

98 57.8 51.8 77.6

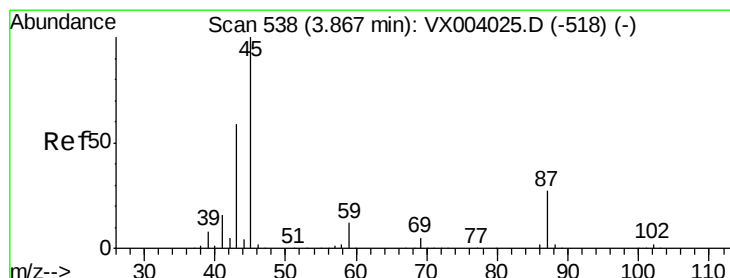
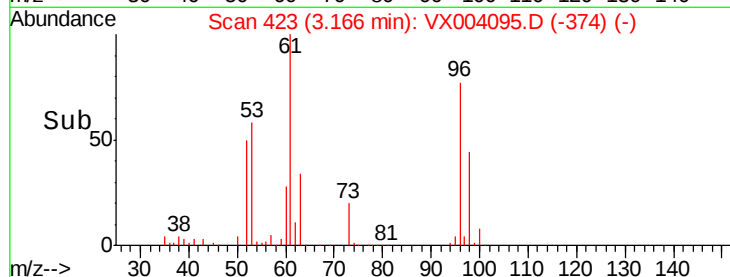
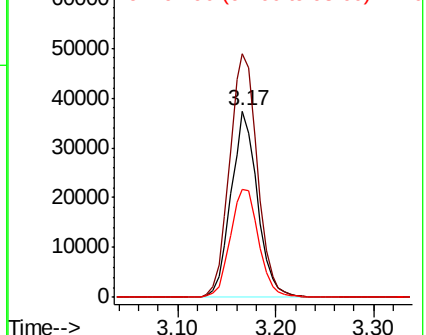


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.32 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.00 min

Lab File: VX004095.D

Acq: 16 Aug 2018 02:14

Tgt Ion: 45 Resp: 237884

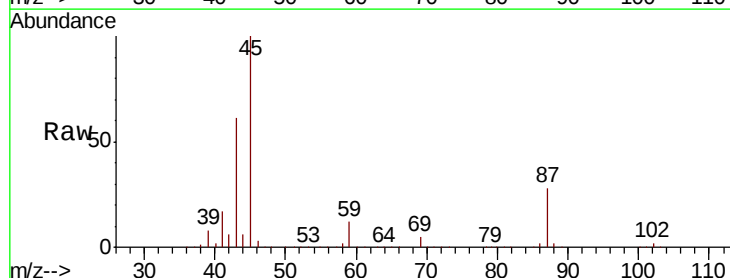
Ion Ratio Lower Upper

45 100

43 60.6 45.3 67.9

87 27.6 22.7 34.1

59 11.9 9.6 14.4



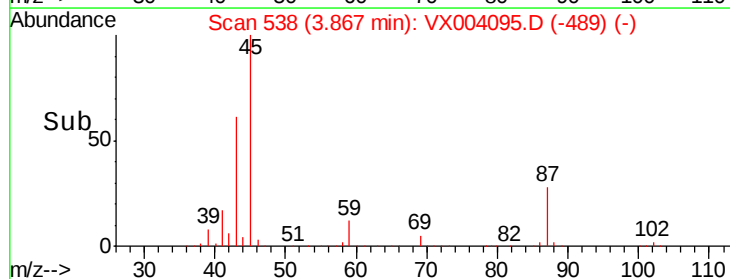
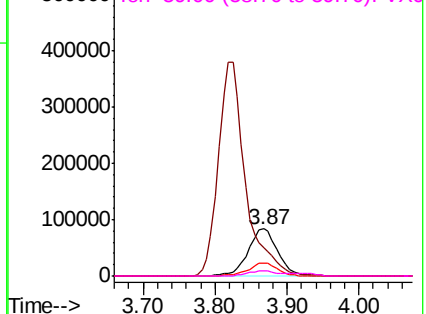
Abundance

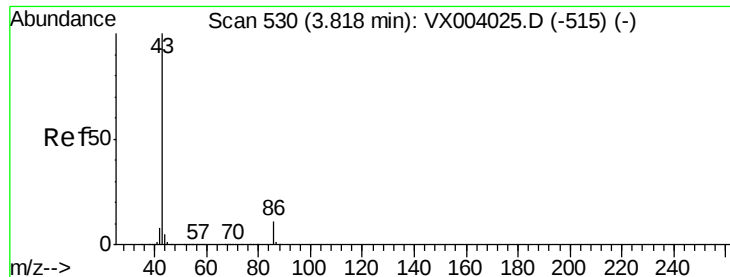
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 108.75 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.00 min

Lab File: VX004095.D

Acq: 16 Aug 2018 02:14

Instrument :

MSVOA_X

ClientSampleId :

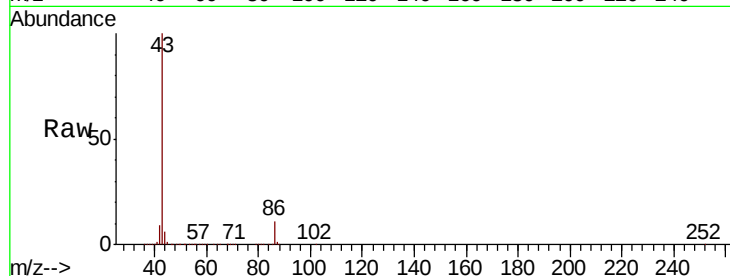
VX0815WBS02

Tot Ion: 43 Resp: 996472

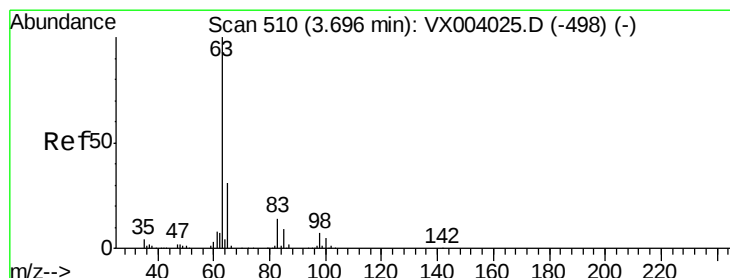
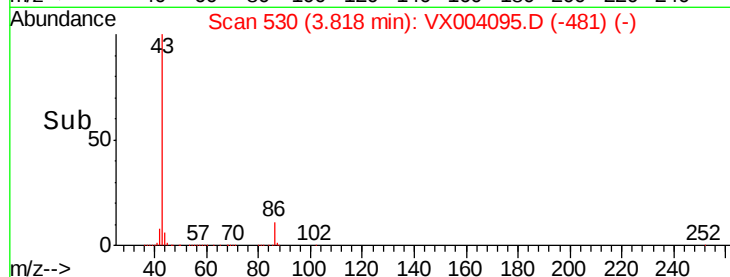
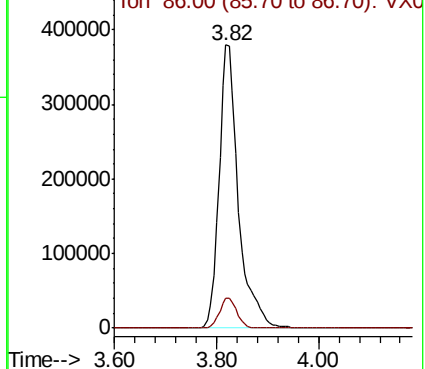
Ion Ratio Lower Upper

43 100

86 10.7 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0



#24

1,1-Dichloroethane

Concen: 21.35 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX004095.D

Acq: 16 Aug 2018 02:14

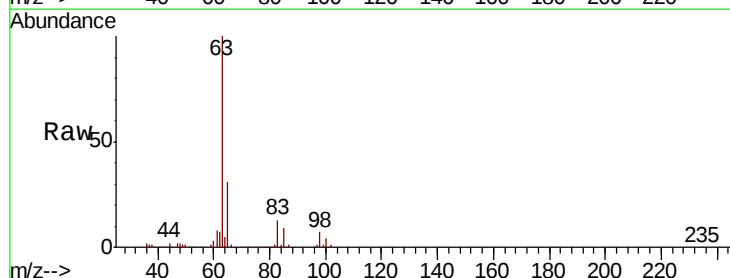
Tgt Ion: 63 Resp: 134911

Ion Ratio Lower Upper

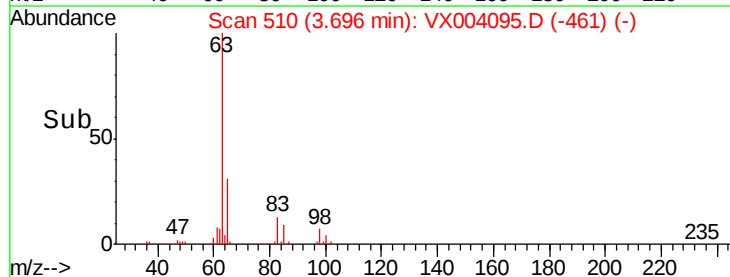
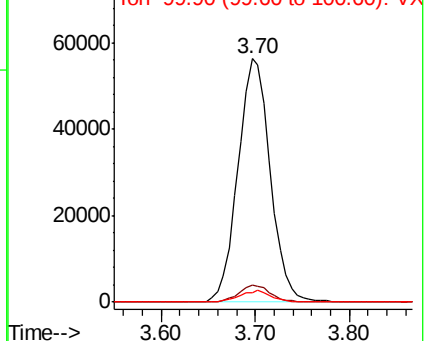
63 100

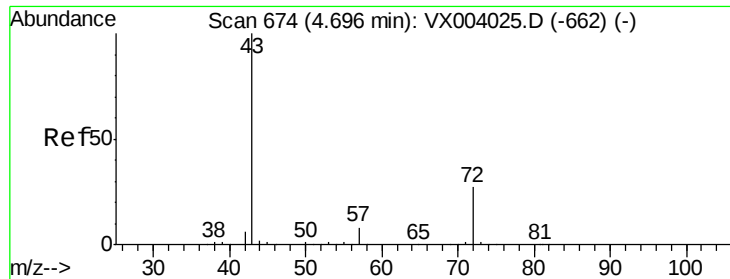
98 7.1 3.5 10.5

100 4.1 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0





#25

2-Butanone

Concen: 105.43 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.01 min

Lab File: VX004095.D

Acq: 16 Aug 2018 02:14

Instrument :

MSVOA_X

ClientSampleId :

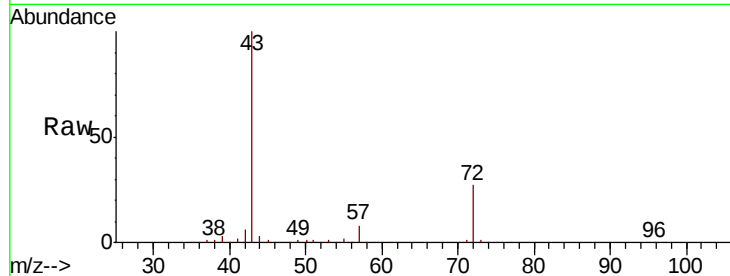
VX0815WBS02

Tot Ion: 43 Resp: 357404

Ion Ratio Lower Upper

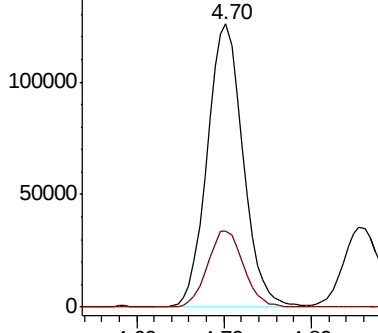
43 100

72 26.8 21.4 32.0

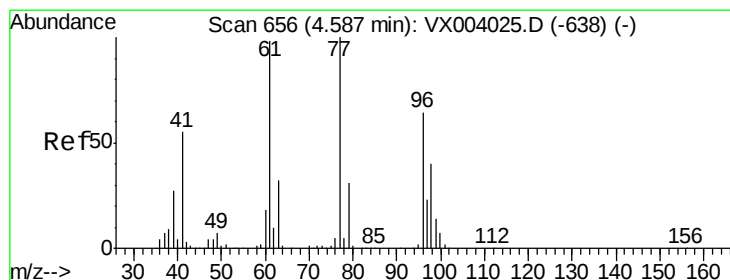
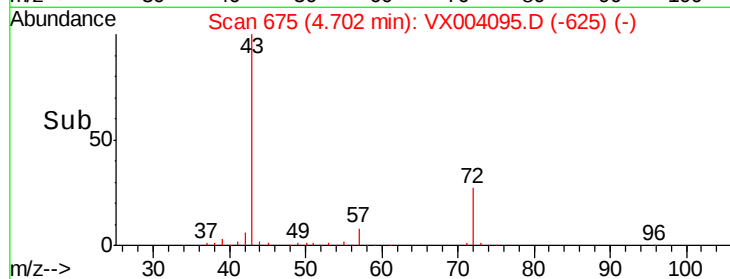


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 12.62 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX004095.D

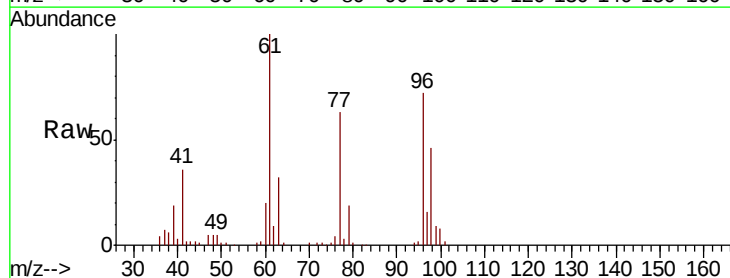
Acq: 16 Aug 2018 02:14

Tgt Ion: 77 Resp: 63399

Ion Ratio Lower Upper

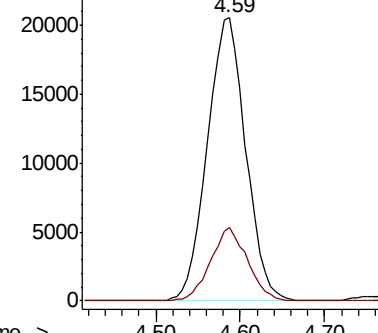
77 100

97 24.8 11.9 35.9

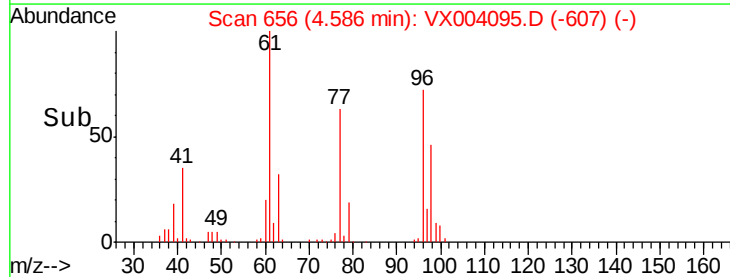


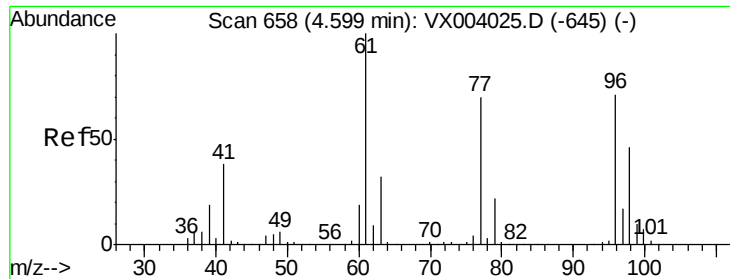
Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



Time-->



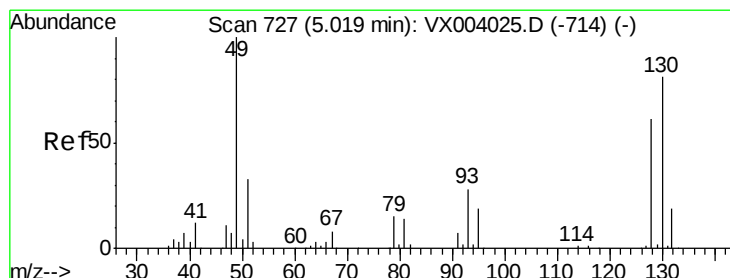
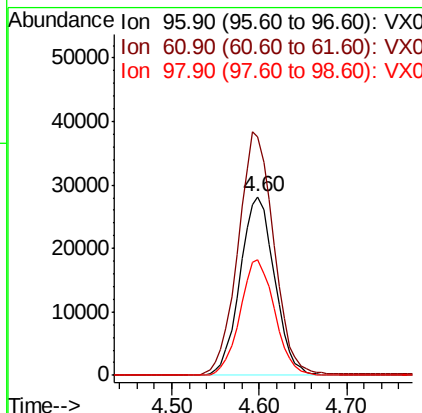
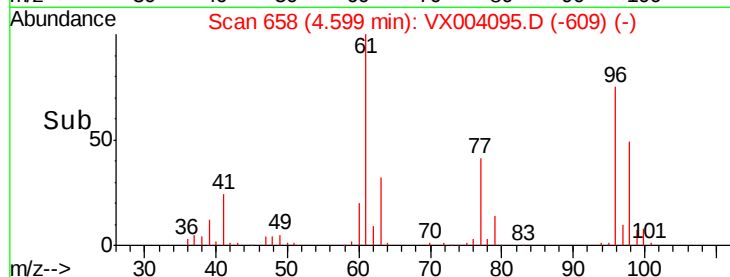
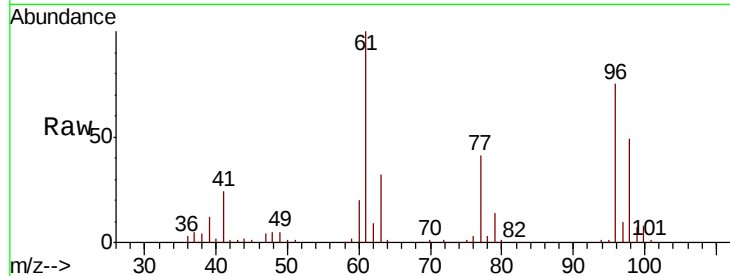


#27

cis-1,2-Dichloroethene
Concen: 20.32 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX004095.D
Acq: 16 Aug 2018 02:14

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS02

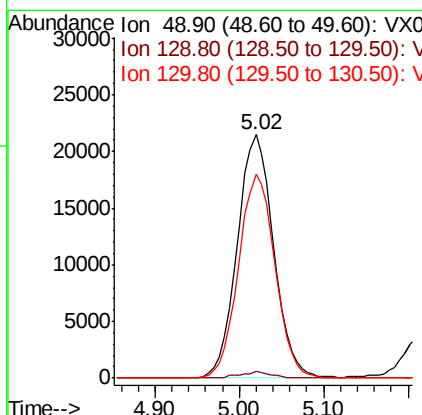
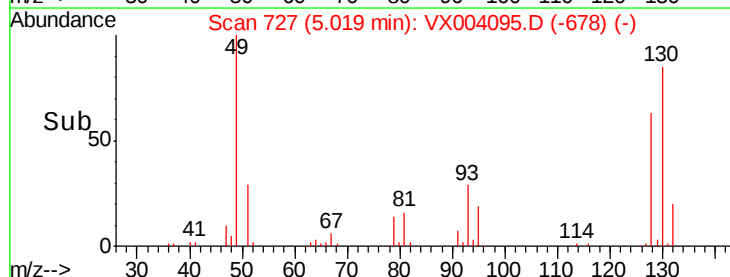
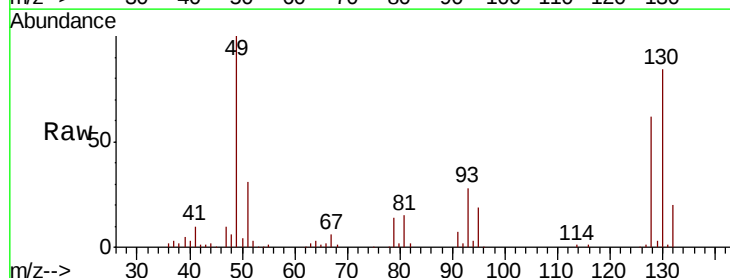
Tot Ion: 96 Resp: 77642
Ion Ratio Lower Upper
96 100
61 140.9 0.0 293.0
98 64.5 0.0 131.8

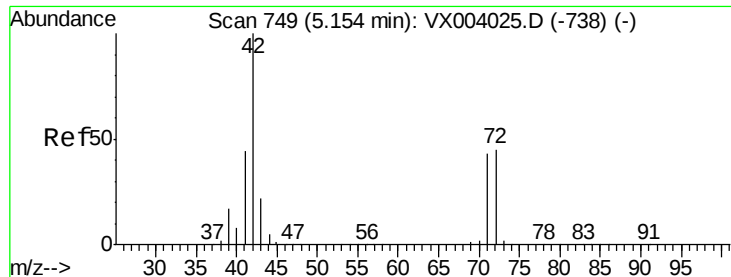


#28

Bromochloromethane
Concen: 21.63 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.00 min
Lab File: VX004095.D
Acq: 16 Aug 2018 02:14

Tgt Ion: 49 Resp: 62722
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.2
130 84.0 66.5 99.7





#29

Tetrahydrofuran

Concen: 103.35 ug/l

RT: 5.16 min Scan# 750

Delta R.T. 0.01 min

Lab File: VX004095.D

Acq: 16 Aug 2018 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0815WBS02

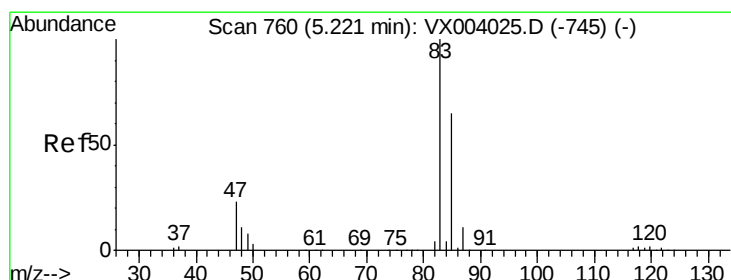
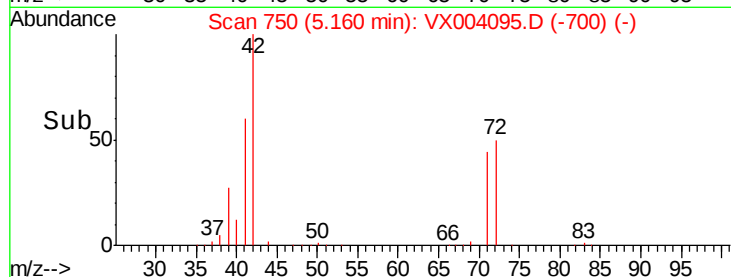
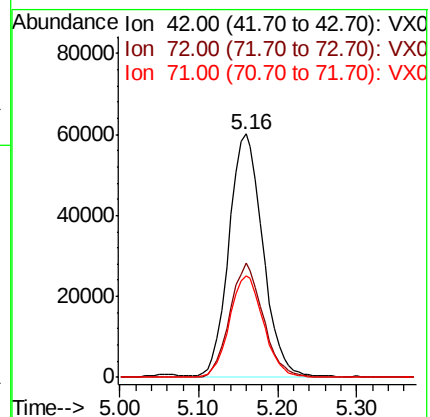
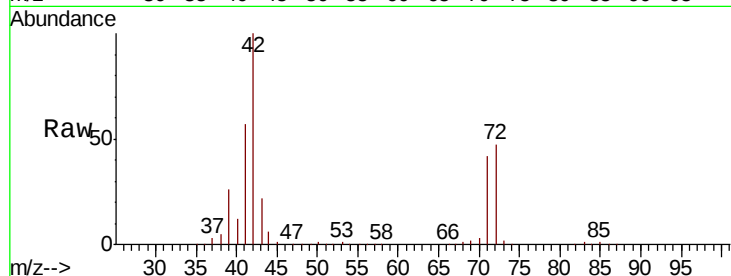
Tot Ion: 42 Resp: 179008

Ion Ratio Lower Upper

42 100

72 46.3 37.7 56.5

71 42.1 35.0 52.6



#30

Chloroform

Concen: 20.97 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX004095.D

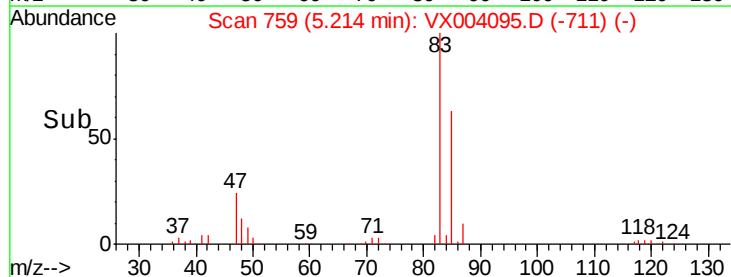
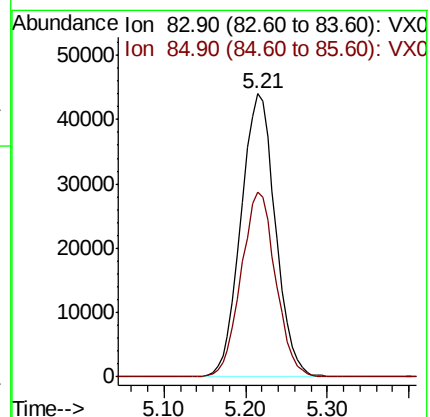
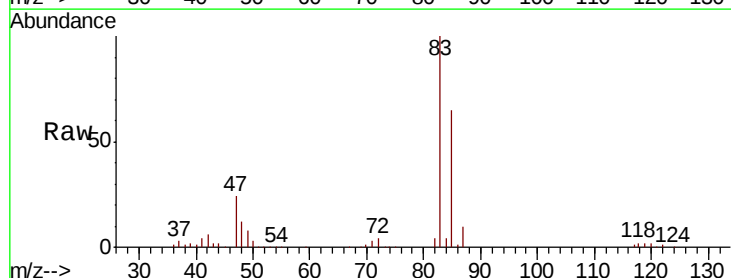
Acq: 16 Aug 2018 02:14

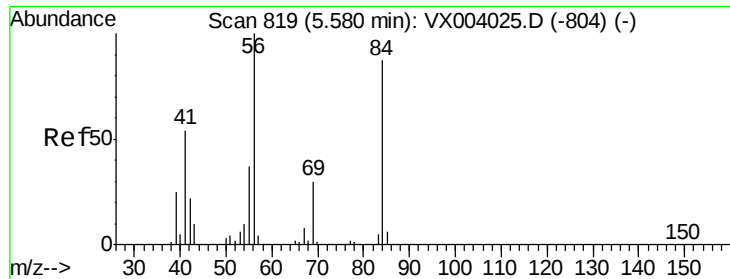
Tgt Ion: 83 Resp: 129324

Ion Ratio Lower Upper

83 100

85 65.4 50.7 76.1

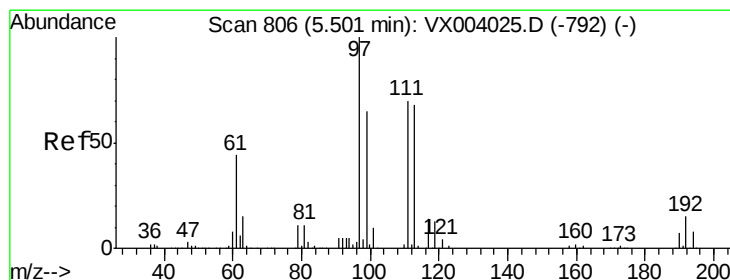
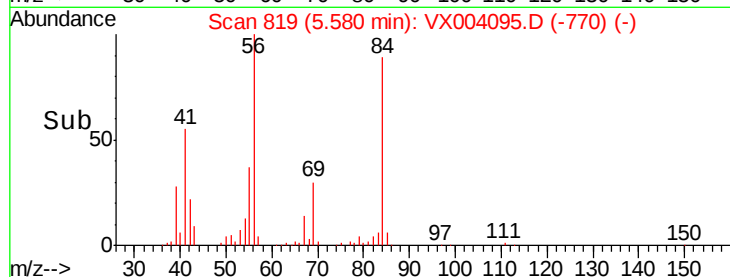
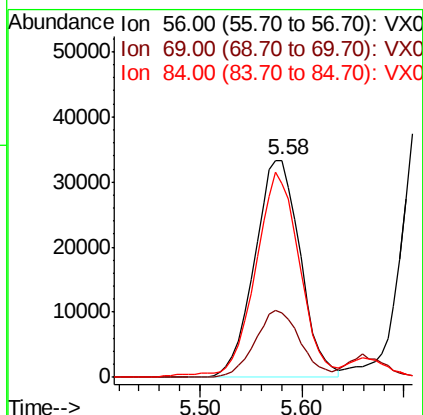
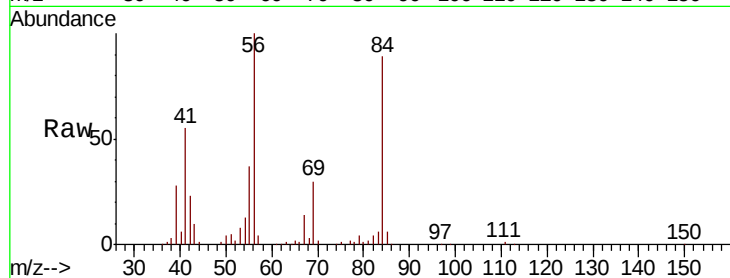




#31
Cyclohexane
Concen: 18.67 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX004095.D
Acq: 16 Aug 2018 02:14

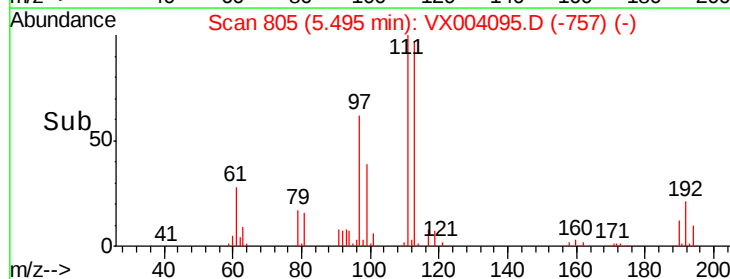
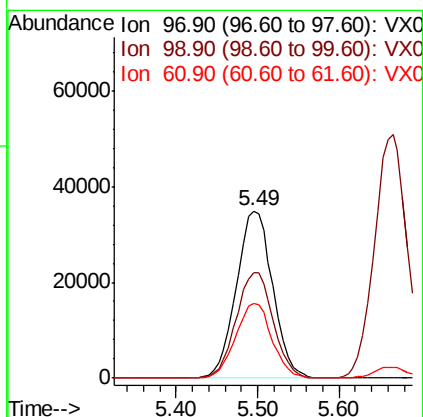
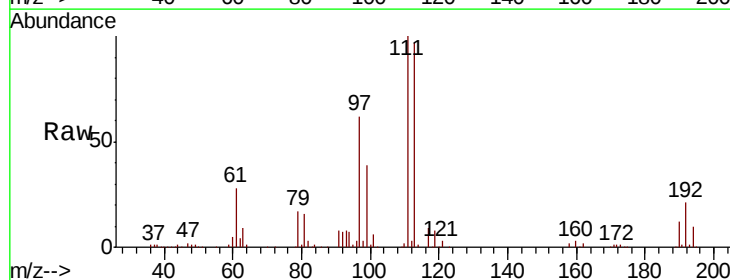
Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS02

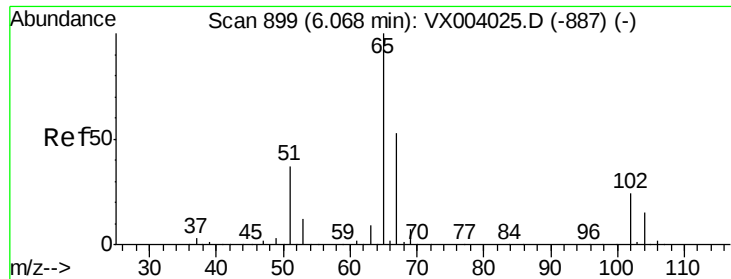
Tot Ion: 56 Resp: 103436
Ion Ratio Lower Upper
56 100
69 29.8 24.9 37.3
84 87.7 71.7 107.5



#32
1,1,1-Trichloroethane
Concen: 20.91 ug/l
RT: 5.49 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX004095.D
Acq: 16 Aug 2018 02:14

Tgt Ion: 97 Resp: 107755
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.8
61 45.2 34.4 51.6

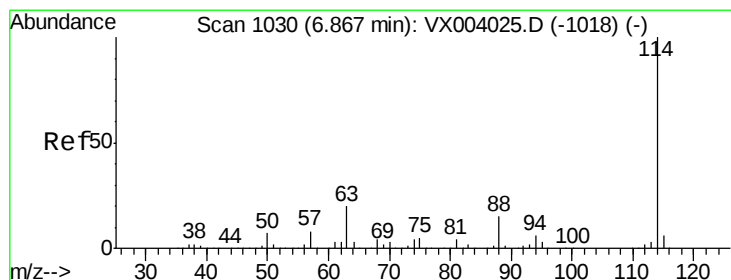
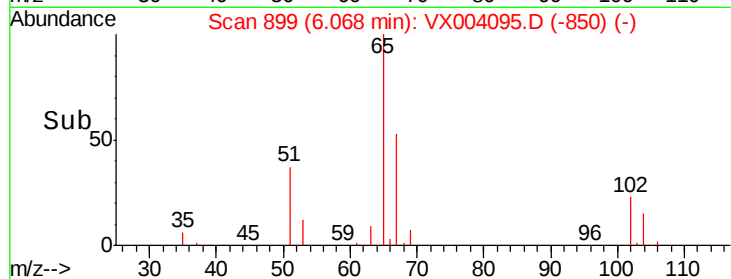
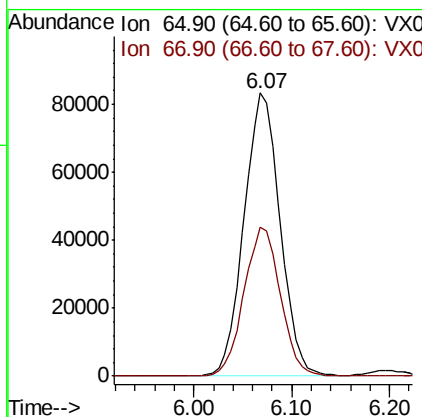
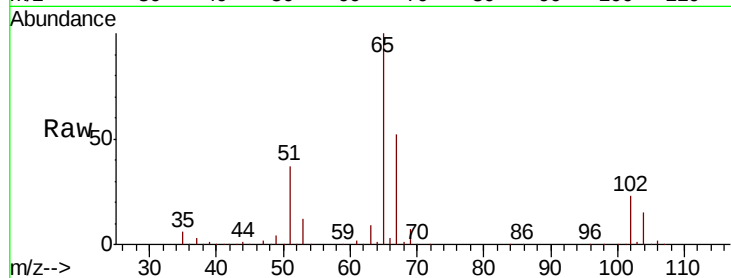




#33
 1,2-Dichloroethane-d4
 Concen: 53.27 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004095.D
 Acq: 16 Aug 2018 02:14

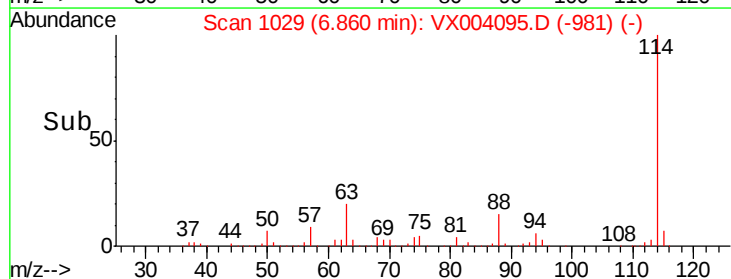
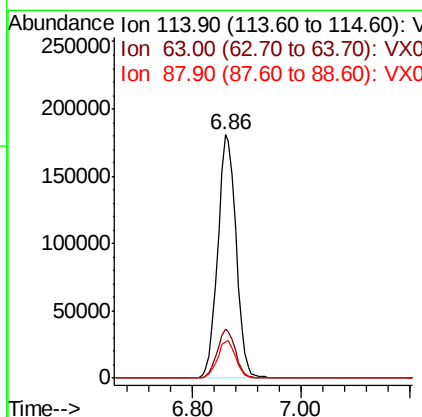
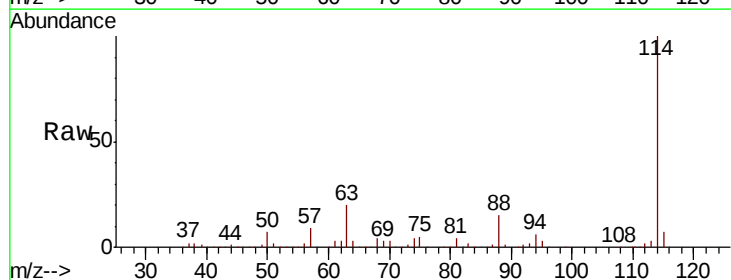
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS02

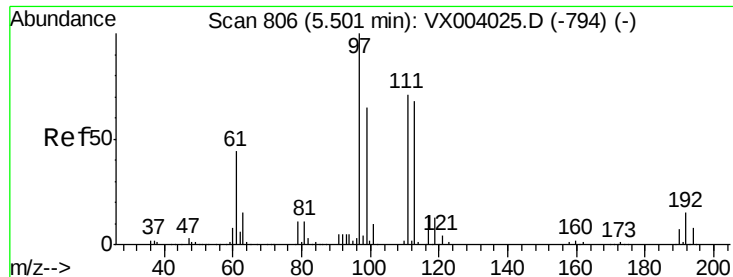
Tot Ion: 65 Resp: 213466
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004095.D
 Acq: 16 Aug 2018 02:14

Tgt Ion: 114 Resp: 422267
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.0
 88 15.1 0.0 32.0

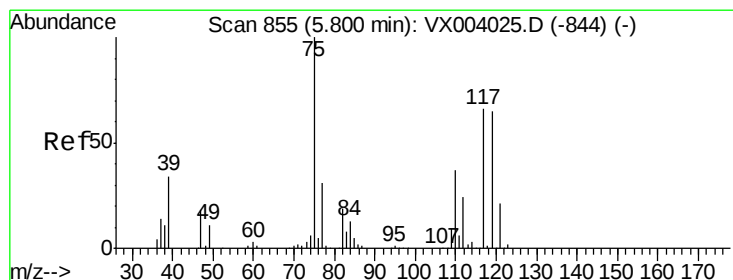
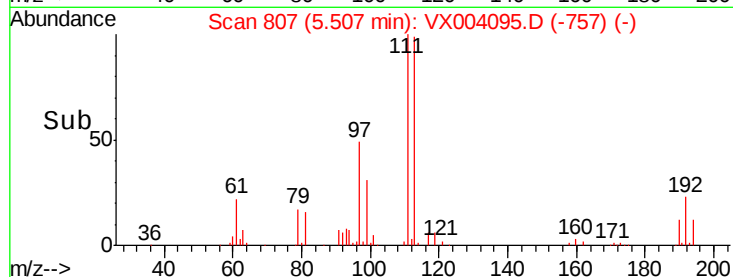
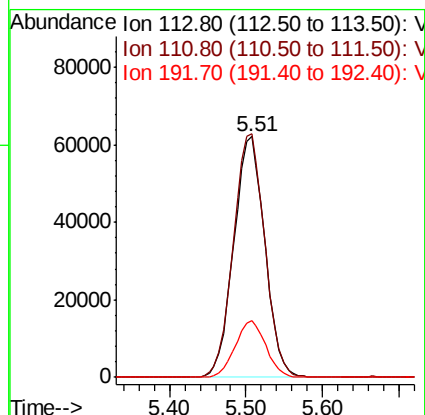
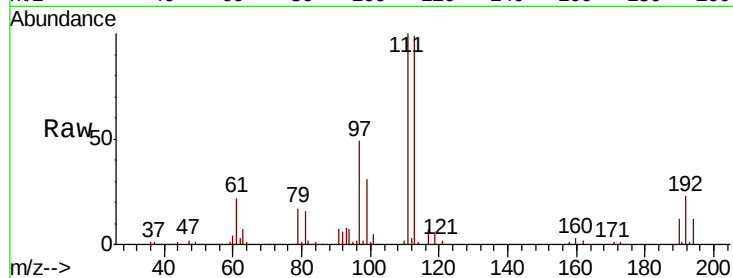




#35
 Dibromofluoromethane
 Concen: 55.25 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004095.D
 Acq: 16 Aug 2018 02:14

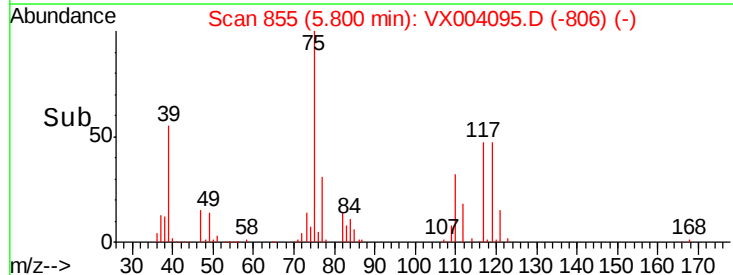
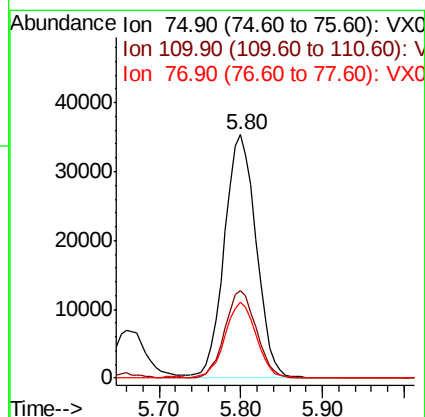
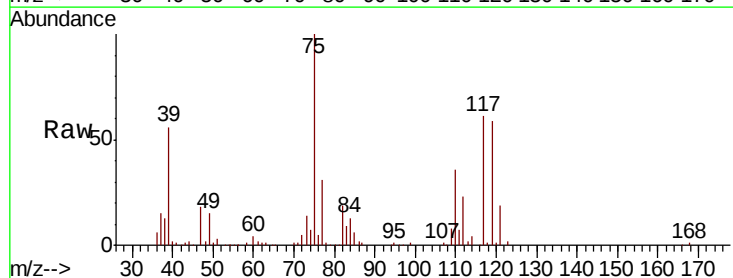
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS02

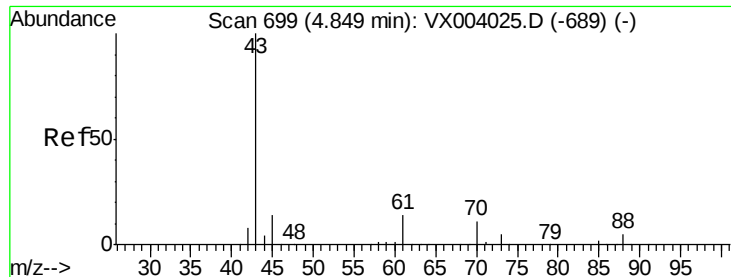
Tot Ion:113 Resp: 174602
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.0 123.0
 192 23.2 19.0 28.4



#36
 1,1-Dichloropropene
 Concen: 19.78 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX004095.D
 Acq: 16 Aug 2018 02:14

Tgt Ion: 75 Resp: 95036
 Ion Ratio Lower Upper
 75 100
 110 35.6 18.2 54.6
 77 31.1 25.0 37.4





#37

Ethyl Acetate

Concen: 20.24 ug/l

RT: 4.85 min Scan# 700

Delta R.T. 0.01 min

Lab File: VX004095.D

Acq: 16 Aug 2018 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0815WBS02

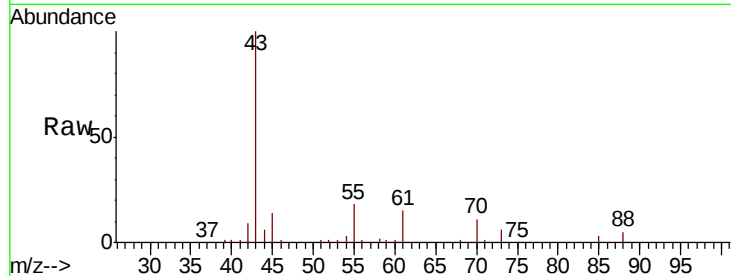
Tot Ion: 43 Resp: 105924

Ion Ratio Lower Upper

43 100

61 14.5 11.5 17.3

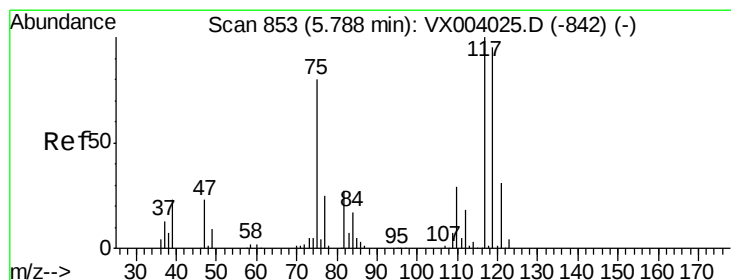
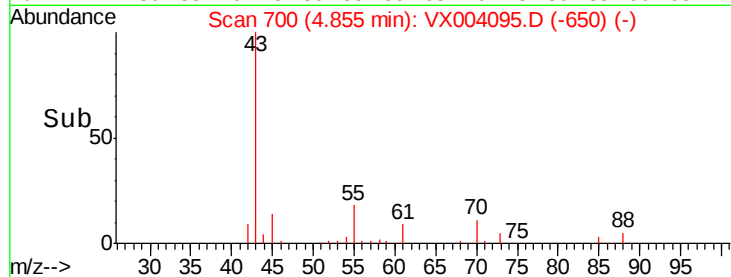
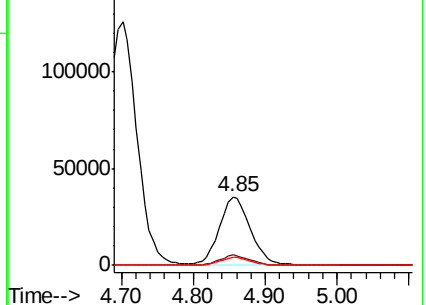
70 11.2 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 20.08 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX004095.D

Acq: 16 Aug 2018 02:14

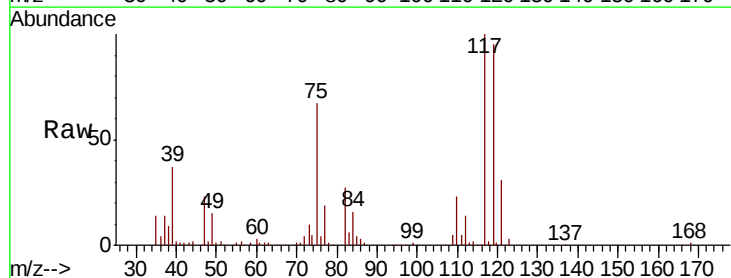
Tgt Ion: 117 Resp: 93720

Ion Ratio Lower Upper

117 100

119 95.0 79.5 119.3

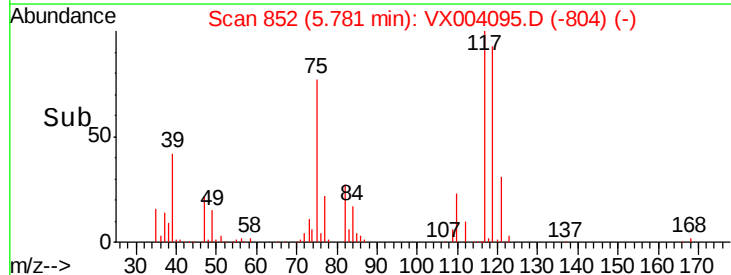
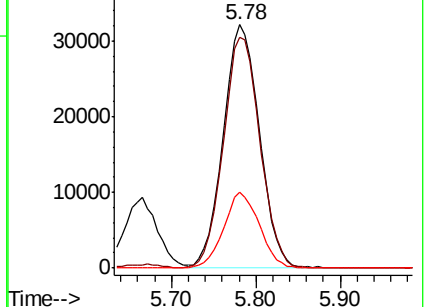
121 31.4 25.0 37.4

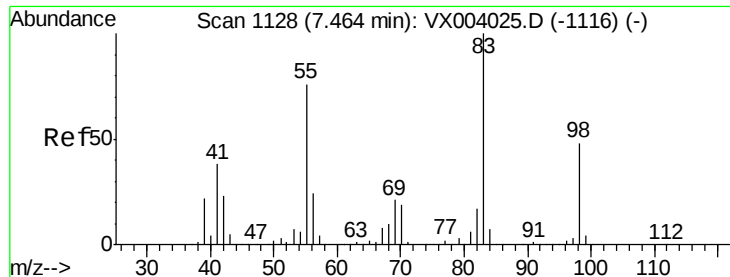


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

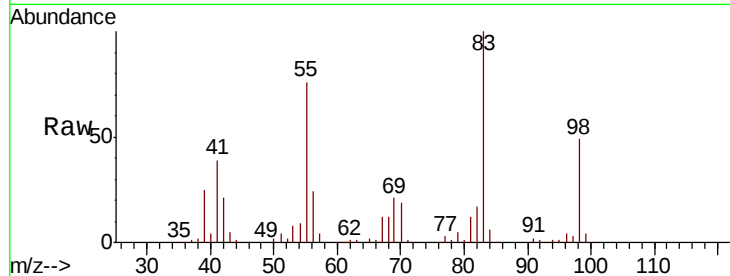




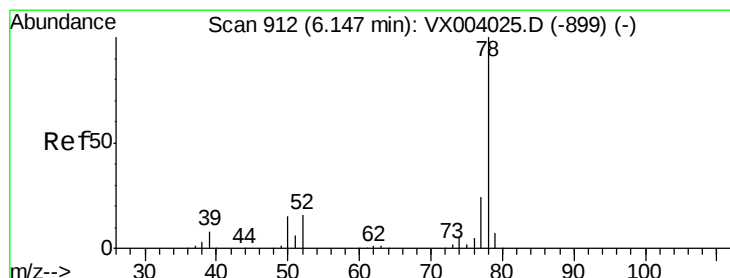
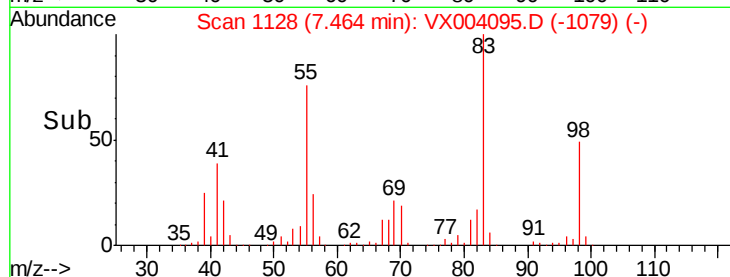
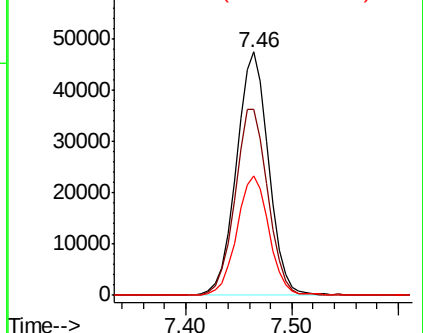
#39
Methvlcvclohexane
Concen: 18.53 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX004095.D
Acq: 16 Aug 2018 02:14

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS02

Tot Ion: 83 Resp: 100995
Ion Ratio Lower Upper
83 100
55 76.3 61.0 91.6
98 49.2 38.6 57.8

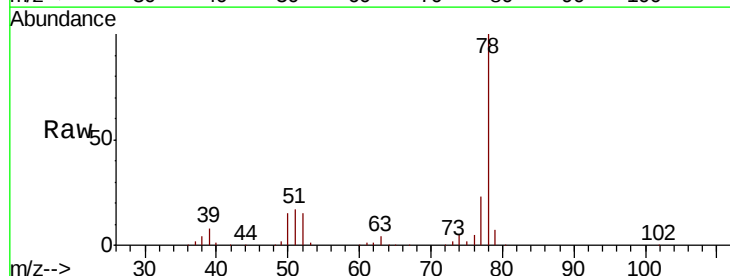


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

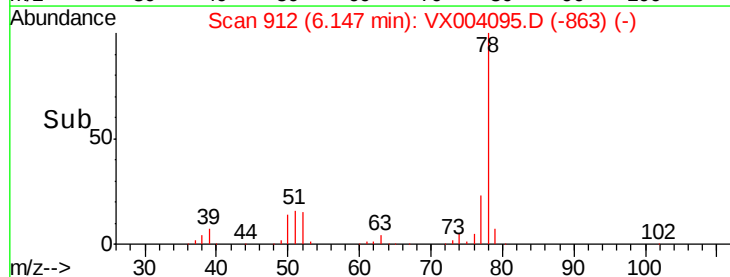
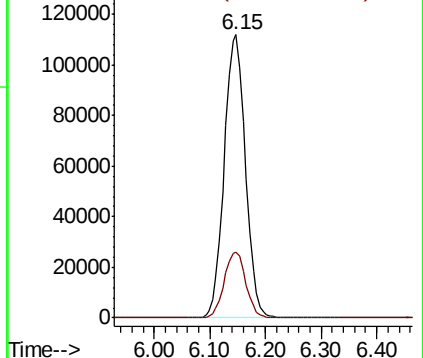


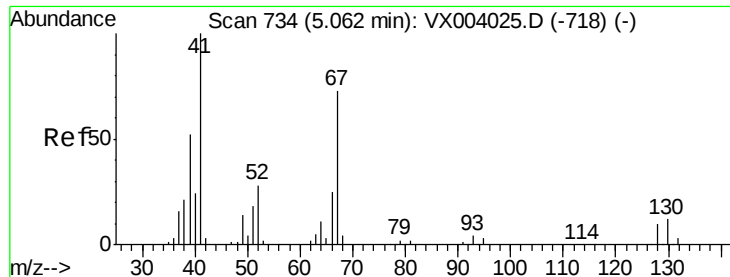
#40
Benzene
Concen: 20.44 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX004095.D
Acq: 16 Aug 2018 02:14

Tgt Ion: 78 Resp: 294883
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4



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

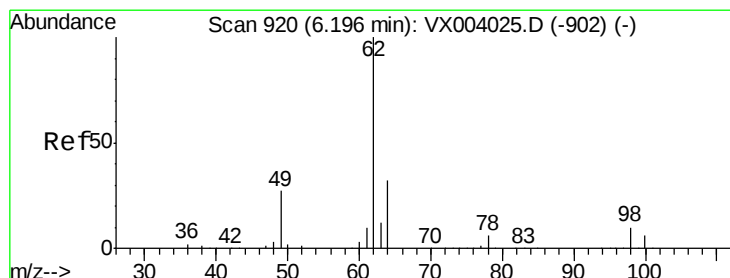
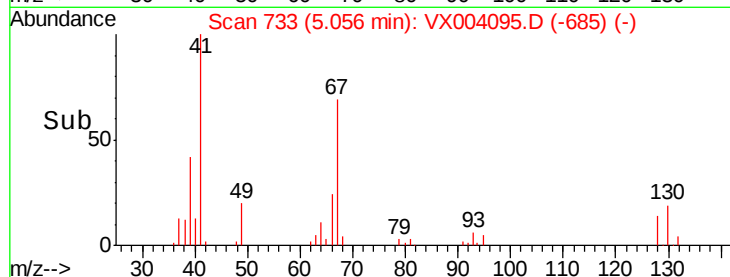
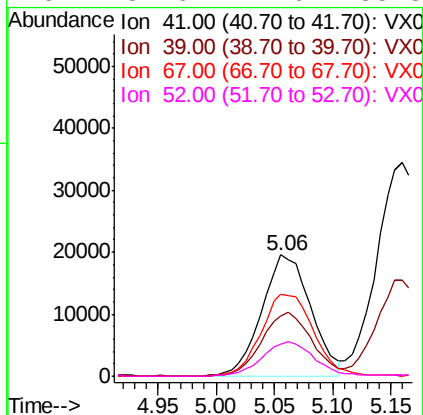
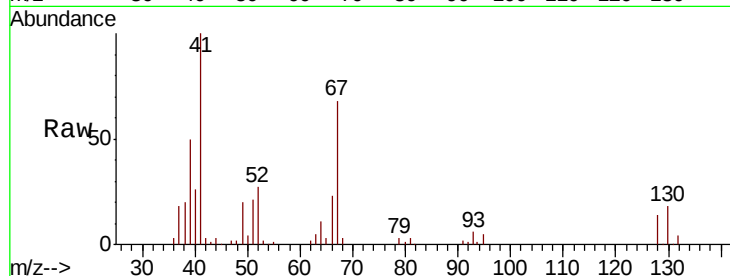




#41
Methacrylonitrile
Concen: 19.56 ug/l
RT: 5.06 min Scan# 733
Delta R.T. -0.01 min
Lab File: VX004095.D
Acq: 16 Aug 2018 02:14

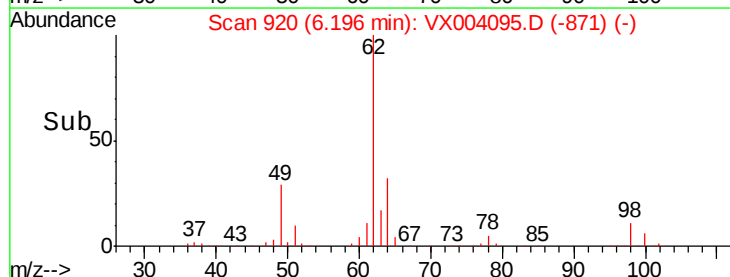
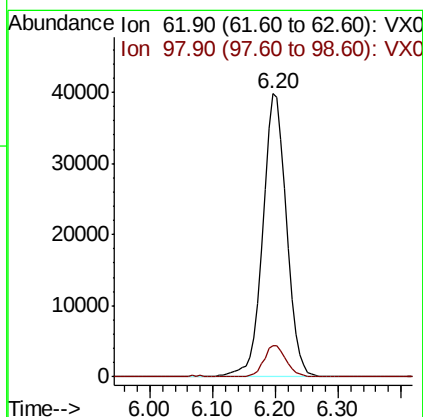
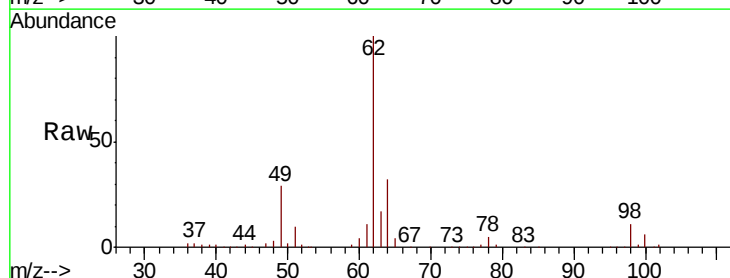
Instrument :
MSVOA_X
ClientSampled :
VX0815WBS02

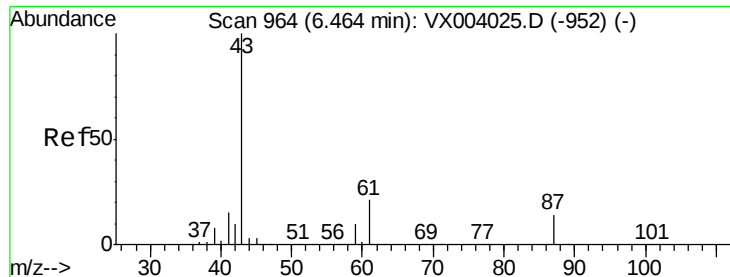
Tot Ion:	41	Resp:	57325
Ion	Ratio	Lower	Upper
41	100		
39	54.3	42.7	64.1
67	72.1	58.9	88.3
52	31.6	22.6	33.8



#42
1,2-Dichloroethane
Concen: 20.62 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004095.D
Acq: 16 Aug 2018 02:14

Tgt Ion:	62	Resp:	104166
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.4





#43

Isopropyl Acetate

Concen: 19.80 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX004095.D

Acq: 16 Aug 2018 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0815WBS02

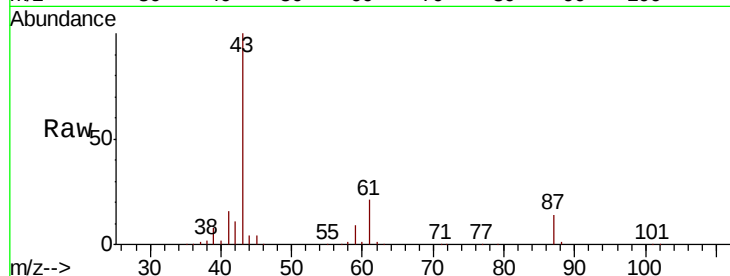
Tot Ion: 43 Resp: 152701

Ion Ratio Lower Upper

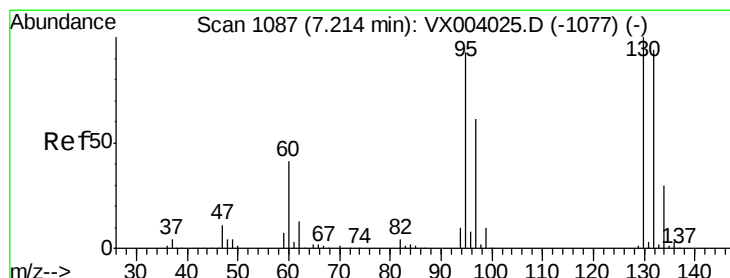
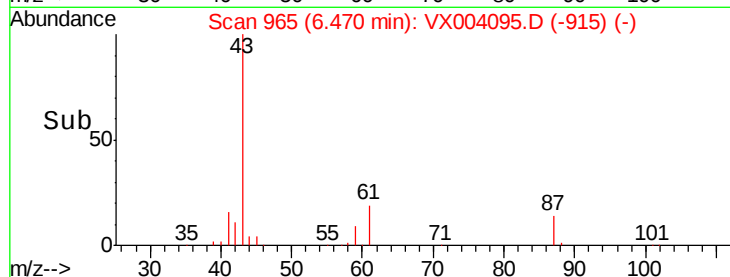
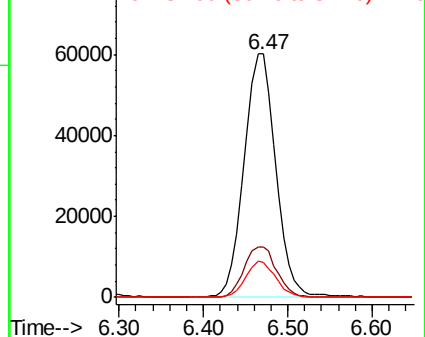
43 100

61 21.4 16.9 25.3

87 14.0 11.3 16.9



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



#44

Trichloroethene

Concen: 19.54 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004095.D

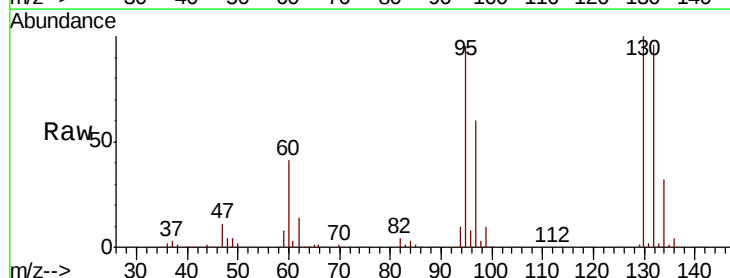
Acq: 16 Aug 2018 02:14

Tgt Ion:130 Resp: 76527

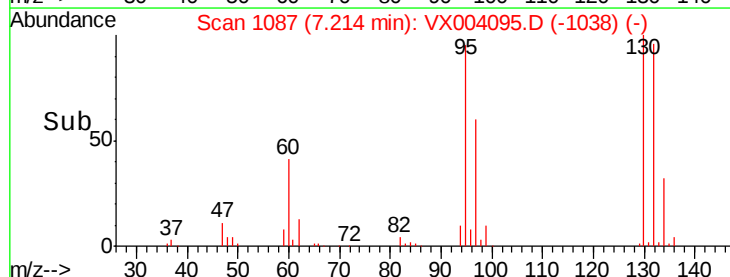
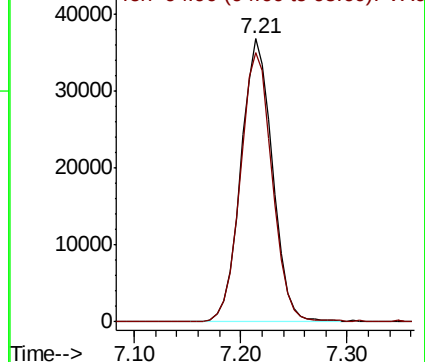
Ion Ratio Lower Upper

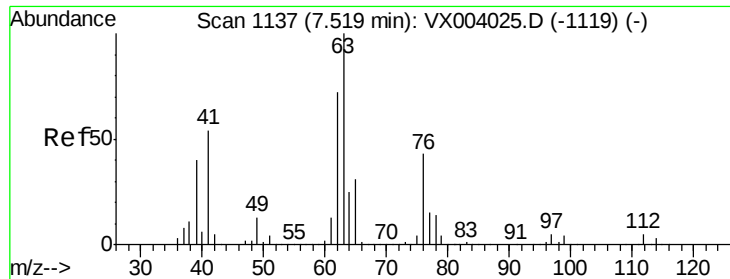
130 100

95 95.3 0.0 199.4



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

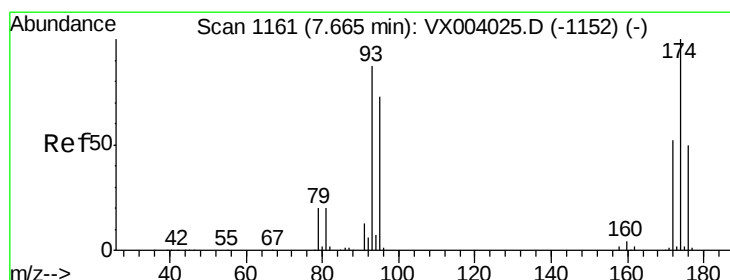
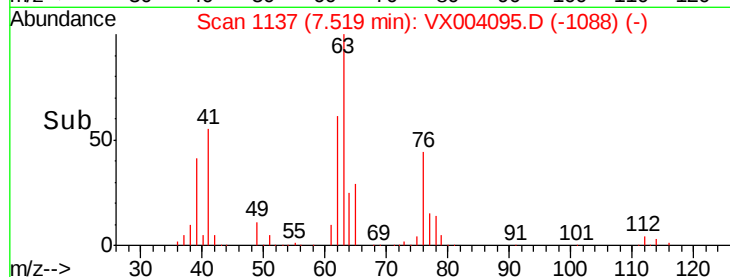
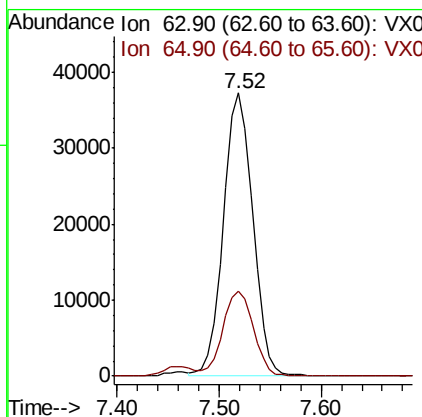
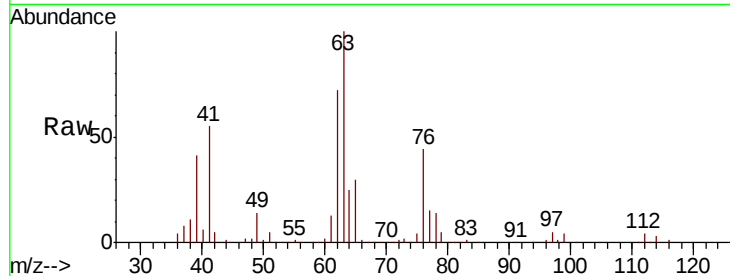




#45
1,2-Dichloropropane
Concen: 20.22 ug/l
RT: 7.52 min Scan# 1137
Delta R.T. -0.00 min
Lab File: VX004095.D
Acq: 16 Aug 2018 02:14

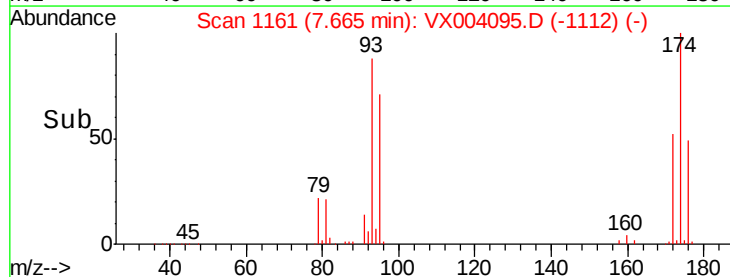
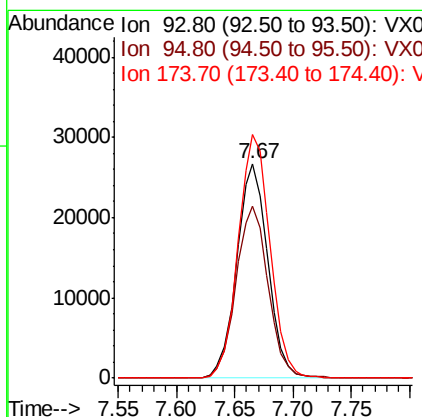
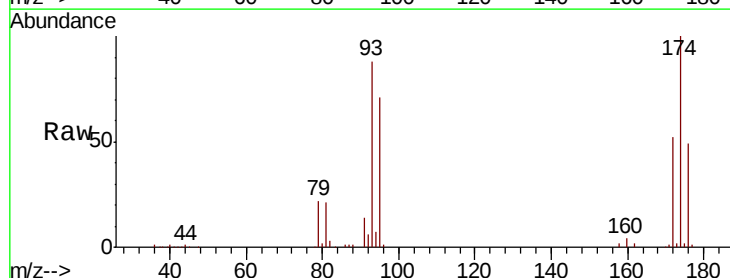
Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS02

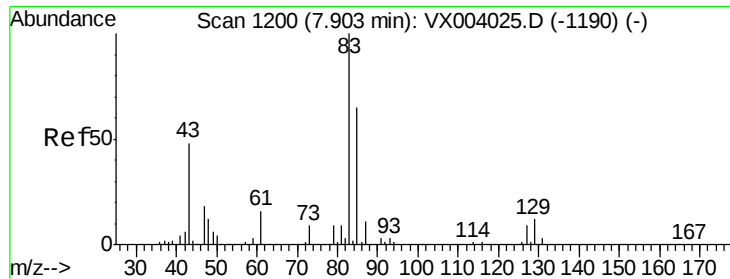
Tot Ion: 63 Resp: 74703
Ion Ratio Lower Upper
63 100
65 30.1 24.6 36.8



#46
Dibromomethane
Concen: 20.57 ug/l
RT: 7.67 min Scan# 1161
Delta R.T. -0.00 min
Lab File: VX004095.D
Acq: 16 Aug 2018 02:14

Tgt Ion: 93 Resp: 49664
Ion Ratio Lower Upper
93 100
95 83.1 66.4 99.6
174 116.4 94.3 141.5





#47

Bromodichloromethane

Concen: 20.34 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX004095.D

Acq: 16 Aug 2018 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0815WBS02

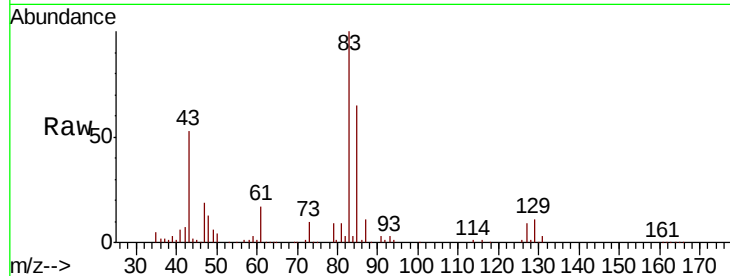
Tot Ion: 83 Resp: 92968

Ion Ratio Lower Upper

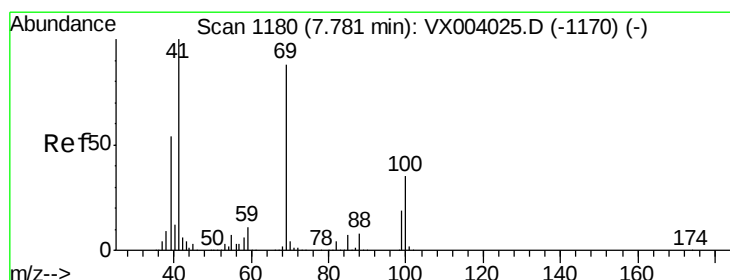
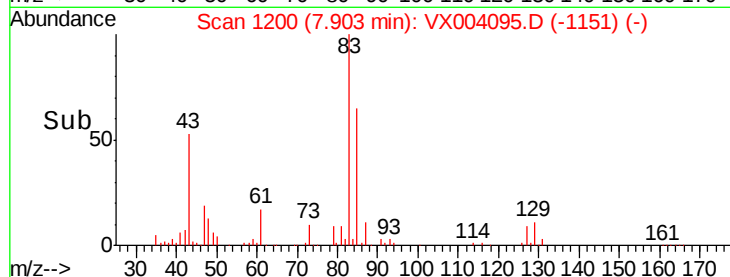
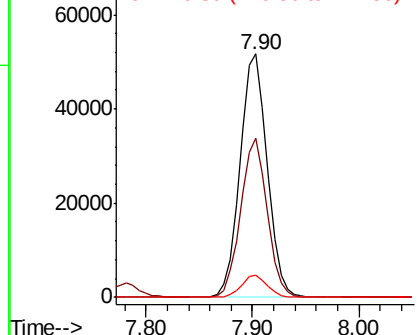
83 100

85 65.4 51.2 76.8

127 8.9 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.58 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX004095.D

Acq: 16 Aug 2018 02:14

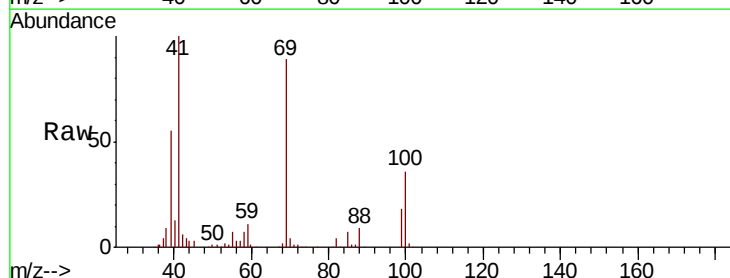
Tgt Ion: 41 Resp: 79900

Ion Ratio Lower Upper

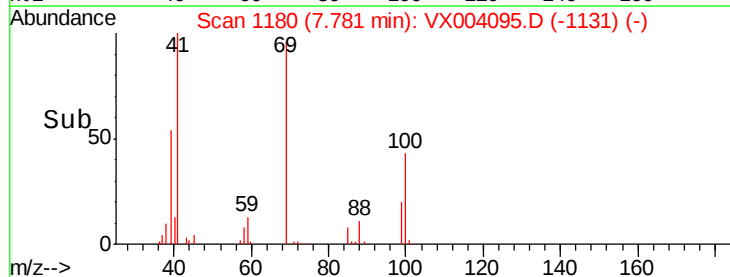
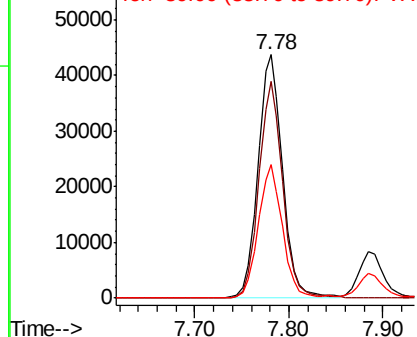
41 100

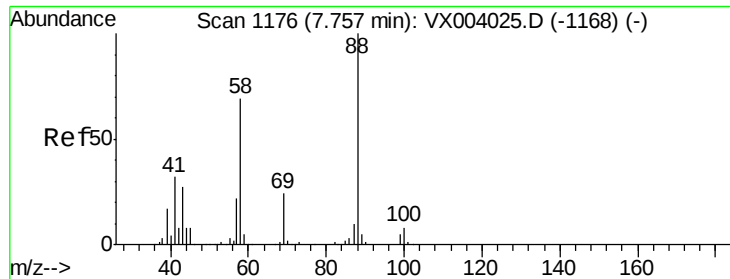
69 86.7 68.8 103.2

39 54.7 42.3 63.5



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

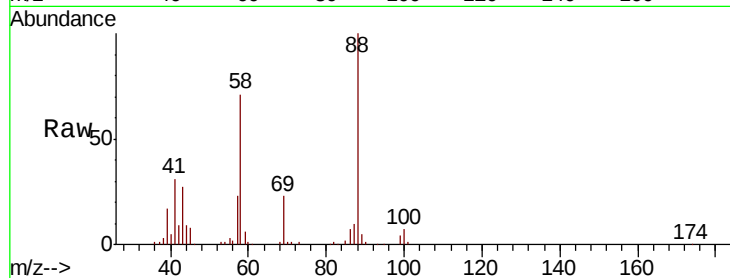




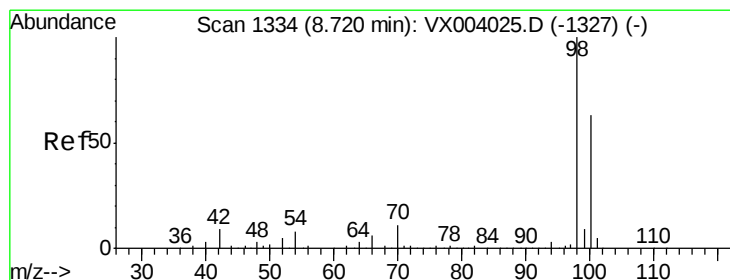
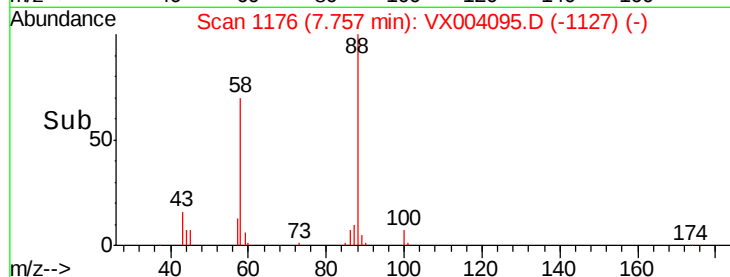
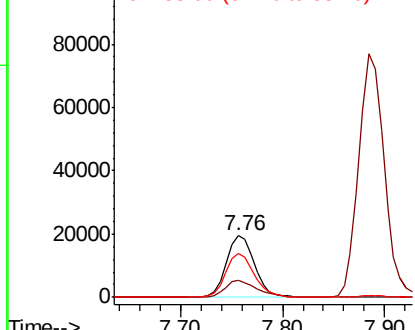
#49
1,4-Dioxane
Concen: 426.46 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004095.D
Acq: 16 Aug 2018 02:14

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS02

Tot Ion: 88 Resp: 37279
Ion Ratio Lower Upper
88 100
43 31.9 23.8 35.8
58 72.3 55.4 83.0

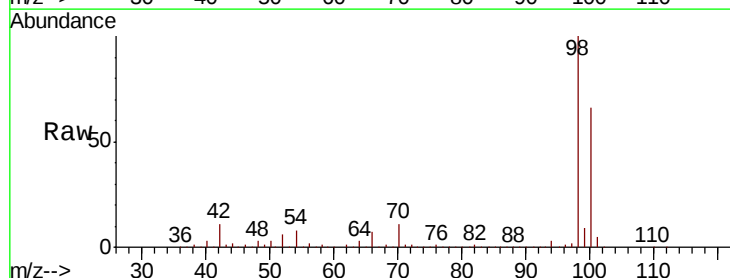


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

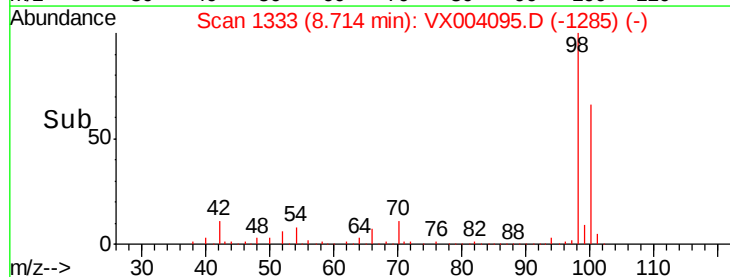
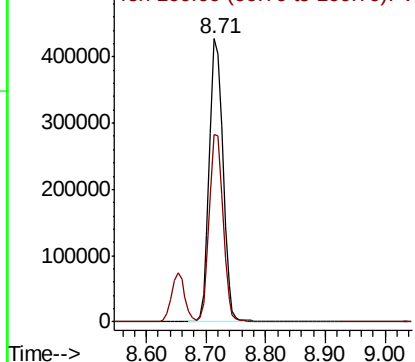


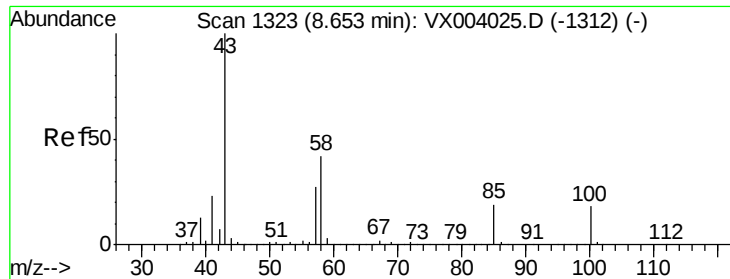
#50
Toluene-d8
Concen: 52.49 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX004095.D
Acq: 16 Aug 2018 02:14

Tgt Ion: 98 Resp: 672534
Ion Ratio Lower Upper
98 100
100 66.7 53.3 79.9



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

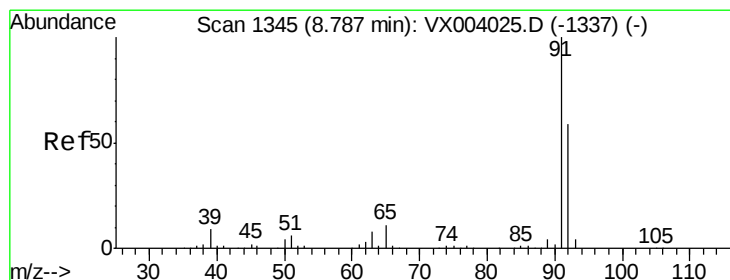
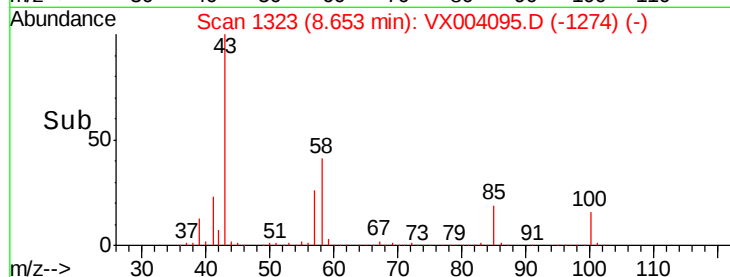
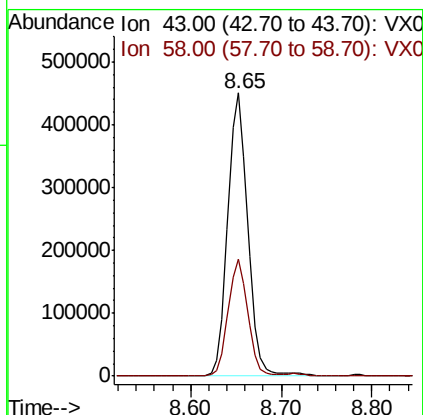
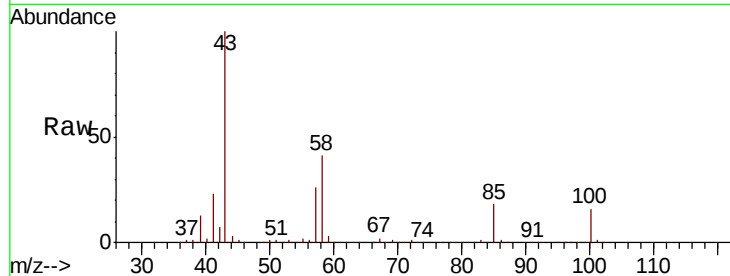




#51
4-Methyl-2-Pentanone
Concen: 109.71 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX004095.D
Acq: 16 Aug 2018 02:14

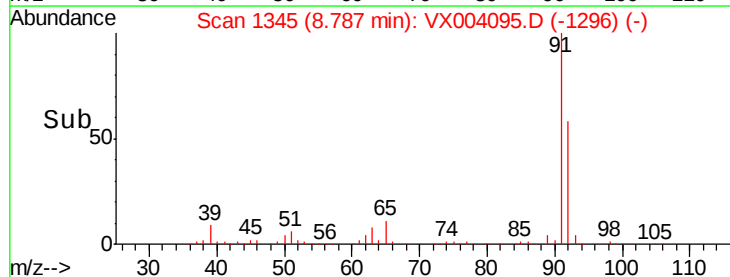
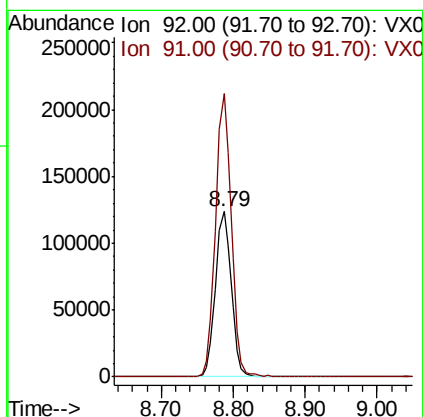
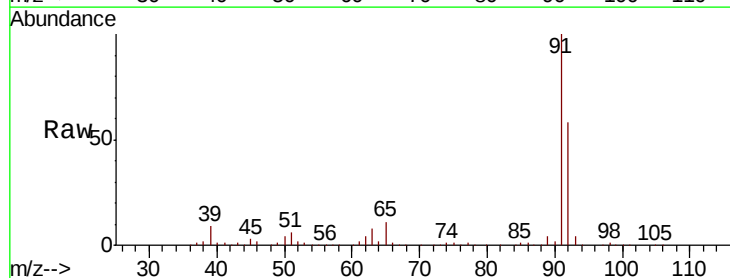
Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS02

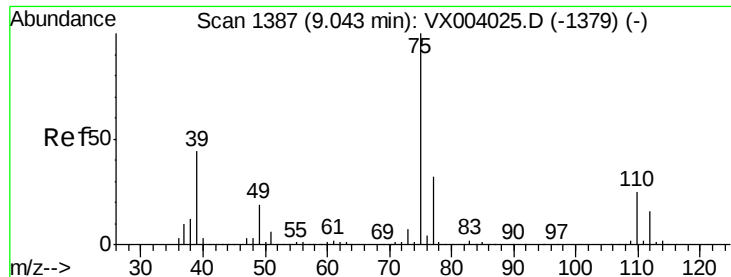
Tot Ion: 43 Resp: 693849
Ion Ratio Lower Upper
43 100
58 40.4 33.0 49.6



#52
Toluene
Concen: 20.77 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX004095.D
Acq: 16 Aug 2018 02:14

Tgt Ion: 92 Resp: 189509
Ion Ratio Lower Upper
92 100
91 169.6 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 18.44 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX004095.D

Acq: 16 Aug 2018 02:14

Instrument :

MSVOA_X

ClientSampleId :

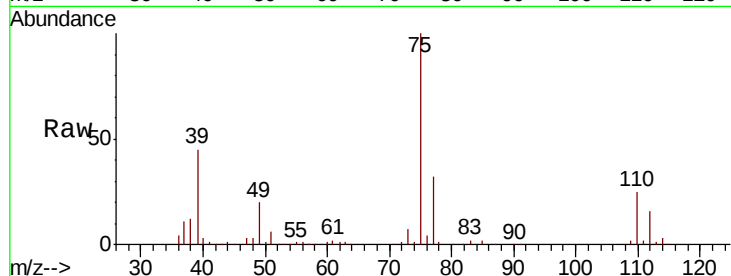
VX0815WBS02

Tot Ion: 75 Resp: 91074

Ion Ratio Lower Upper

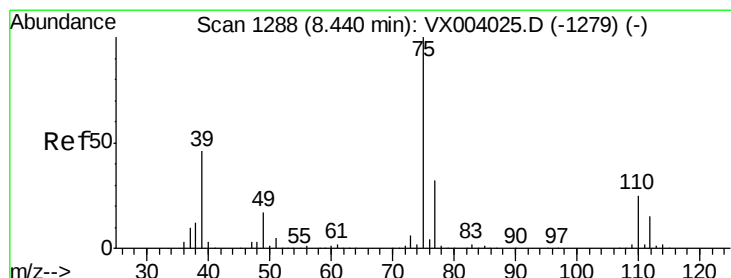
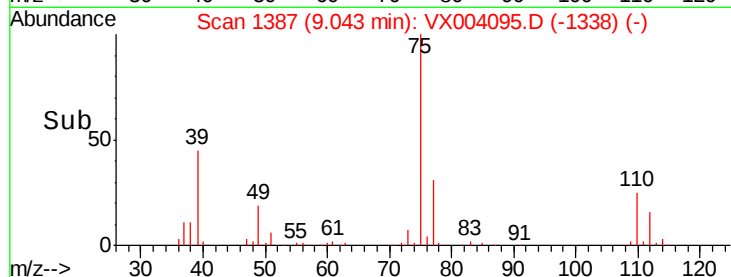
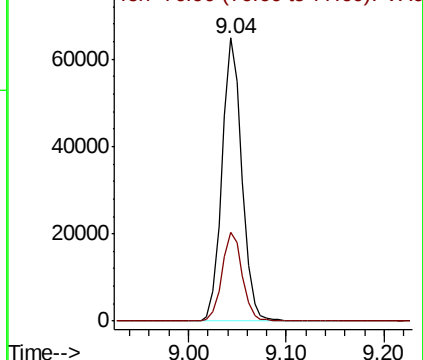
75 100

77 31.6 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.05 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX004095.D

Acq: 16 Aug 2018 02:14

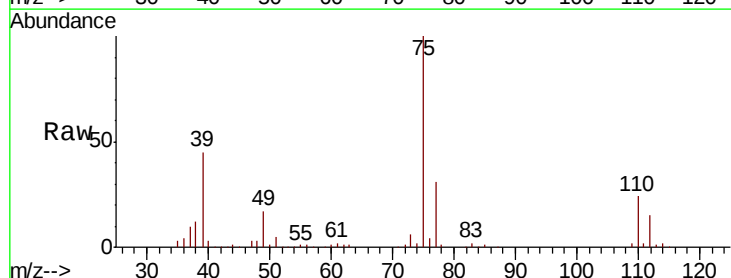
Tgt Ion: 75 Resp: 104193

Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

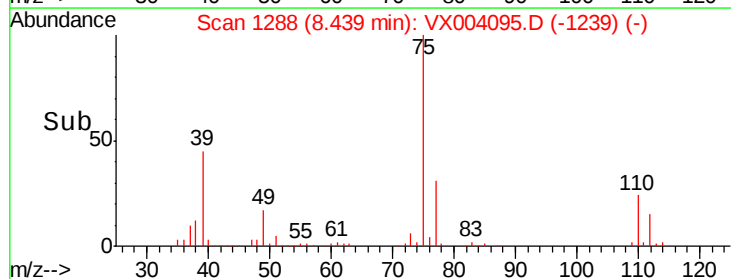
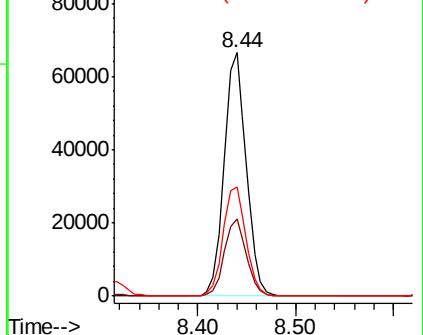
39 44.6 36.2 54.2

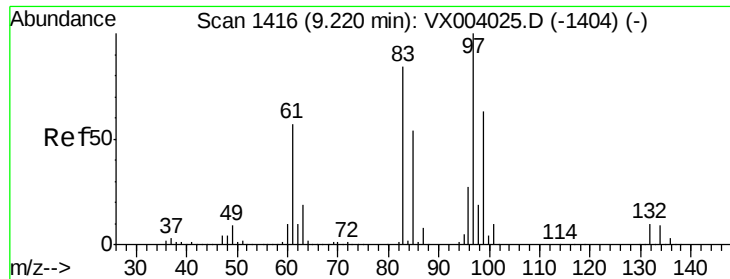


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



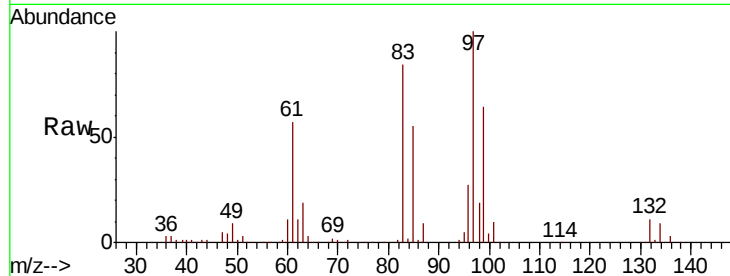


#55
 1,1,2-Trichloroethane
 Concen: 20.55 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX004095.D
 Acq: 16 Aug 2018 02:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS02

Tot Ion: 97 Resp: 77420

Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.8	101.6
85	55.2	44.2	66.2
99	64.2	50.8	76.2



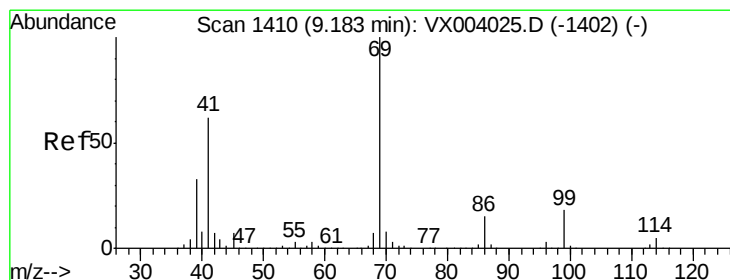
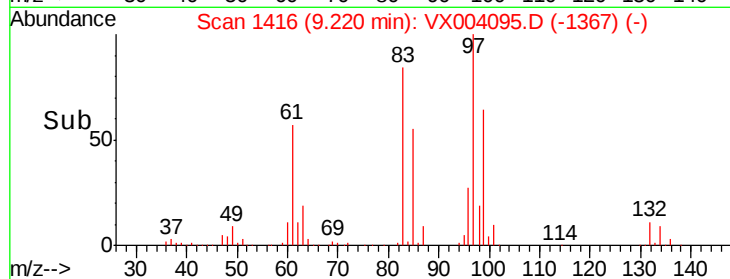
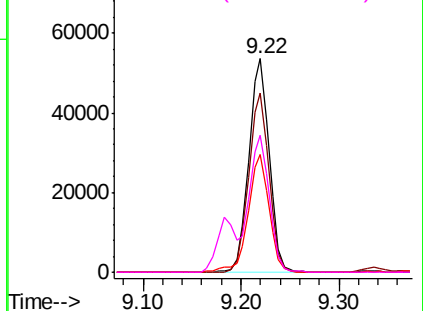
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

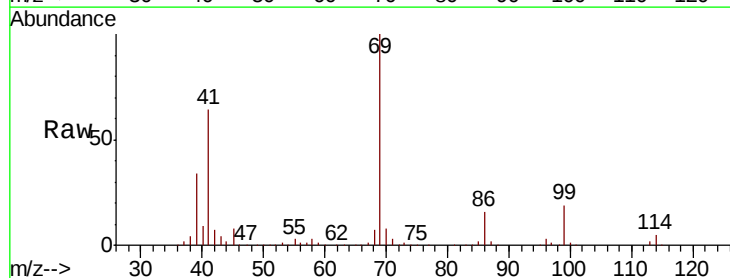
Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 19.76 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004095.D
 Acq: 16 Aug 2018 02:14

Tgt Ion: 69 Resp: 101233

Ion	Ratio	Lower	Upper
69	100		
41	64.1	50.6	76.0
39	34.0	25.8	38.6

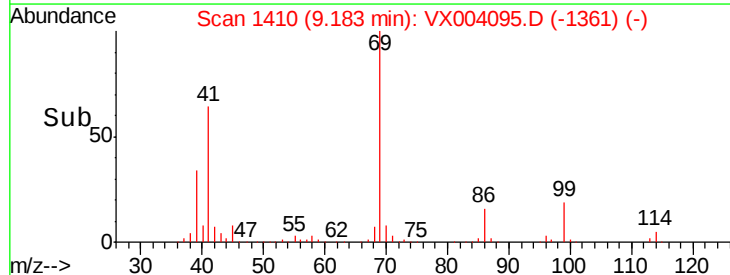
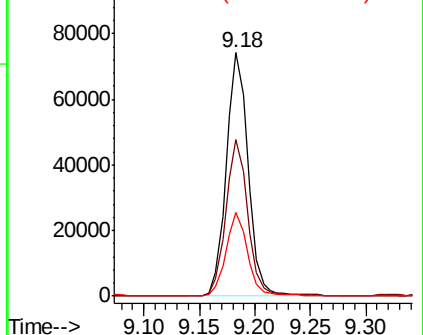


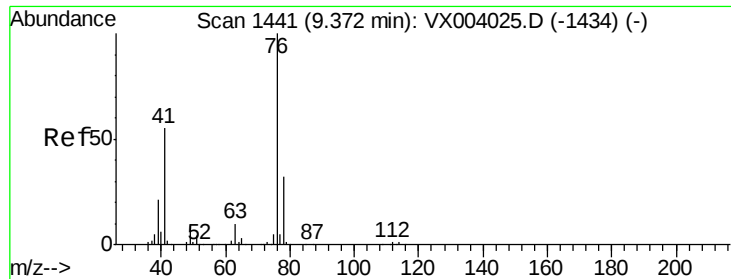
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.61 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX004095.D

Acq: 16 Aug 2018 02:14

Instrument :

MSVOA_X

ClientSampleId :

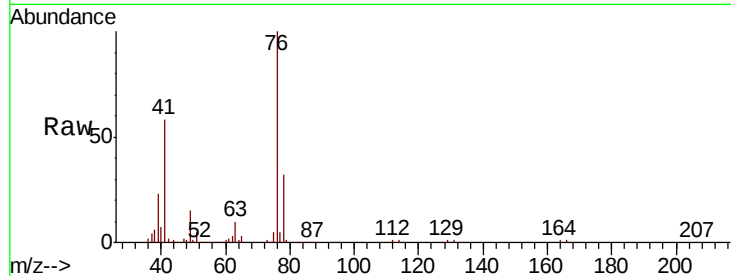
VX0815WBS02

Tot Ion: 76 Resp: 128839

Ion Ratio Lower Upper

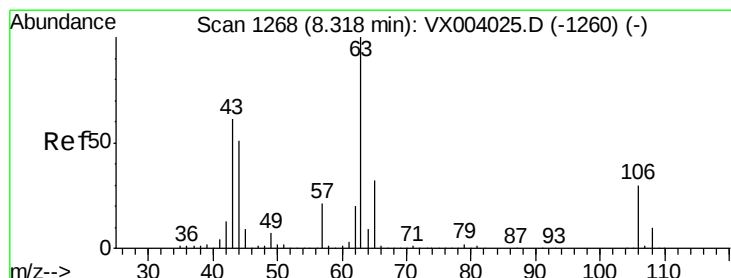
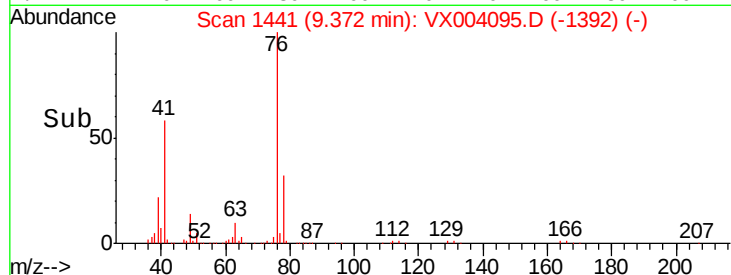
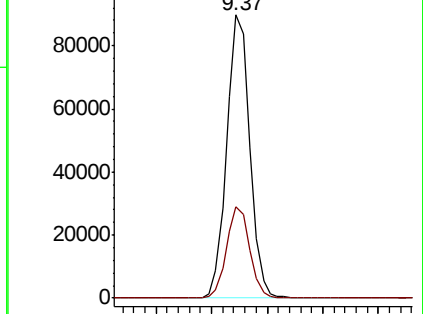
76 100

78 32.2 25.9 38.9



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: 108.99 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX004095.D

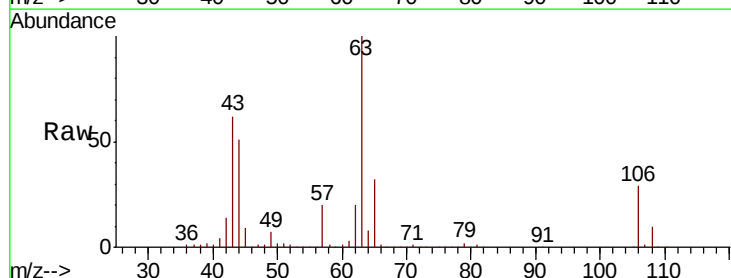
Acq: 16 Aug 2018 02:14

Tgt Ion: 63 Resp: 284384

Ion Ratio Lower Upper

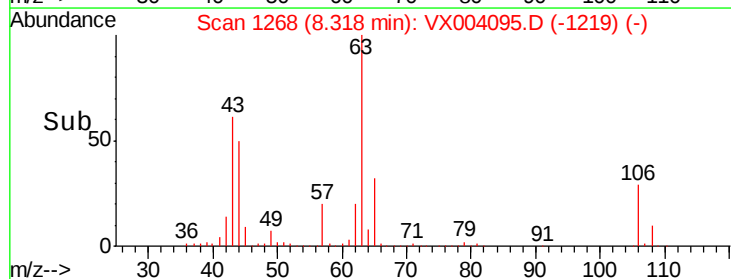
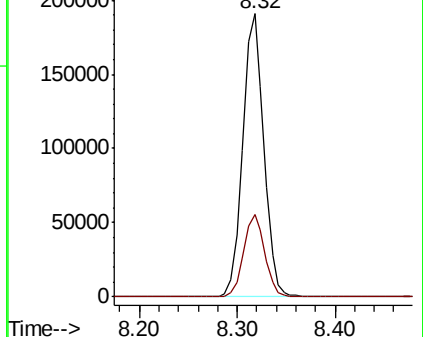
63 100

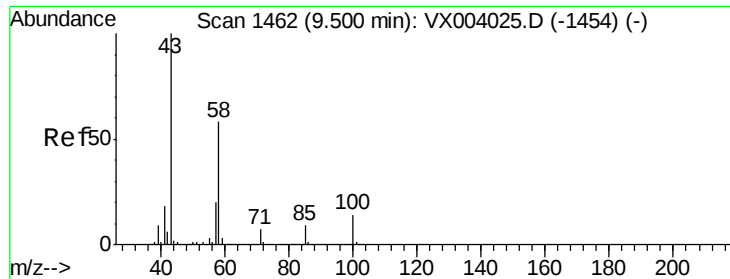
106 29.2 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

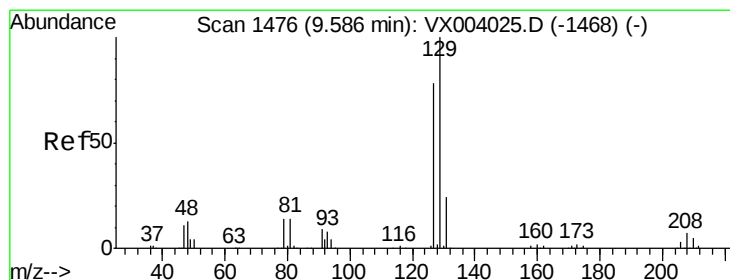
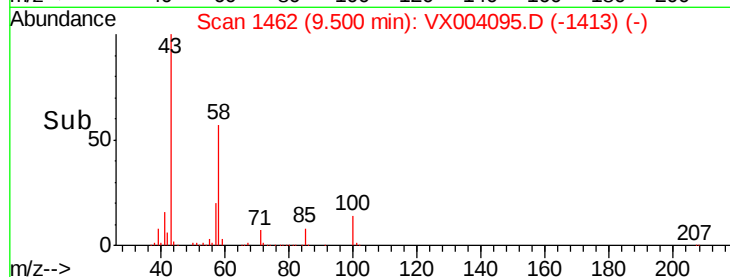
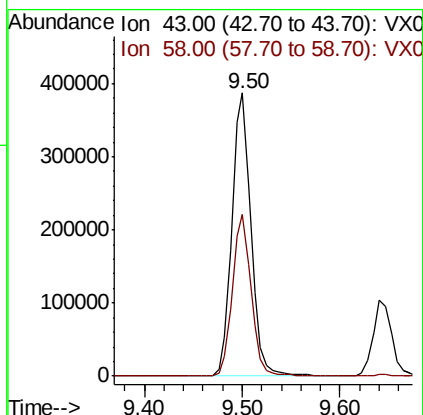
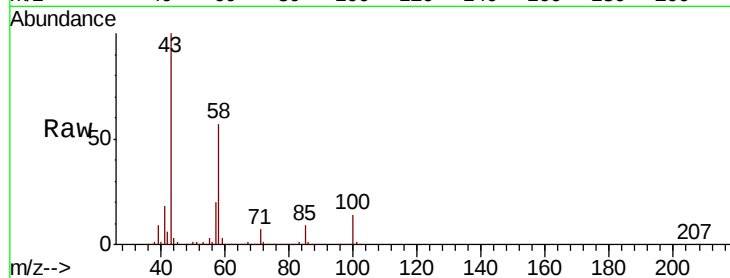




#59
2-Hexanone
Concen: 109.82 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004095.D
Acq: 16 Aug 2018 02:14

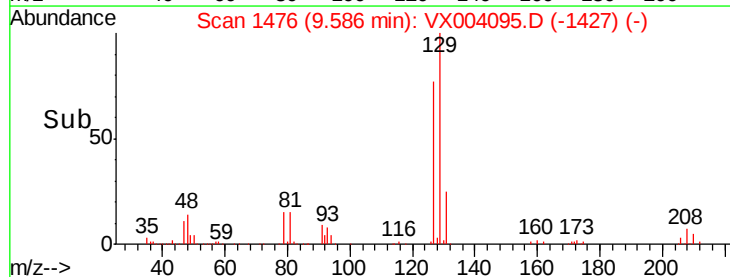
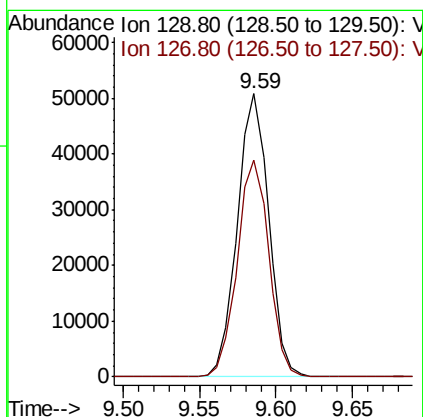
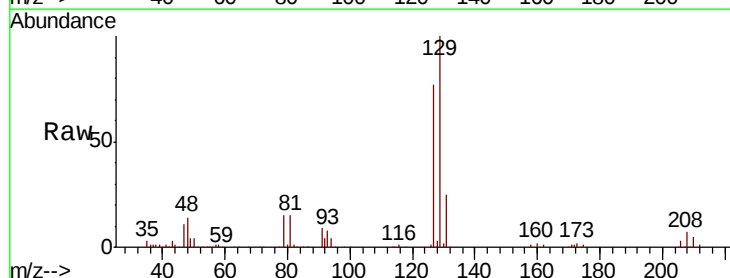
Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS02

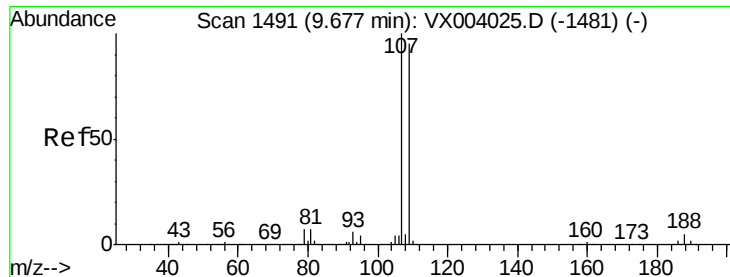
Tot Ion: 43 Resp: 522721
Ion Ratio Lower Upper
43 100
58 56.6 29.0 87.0



#60
Dibromochloromethane
Concen: 19.95 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004095.D
Acq: 16 Aug 2018 02:14

Tgt Ion: 129 Resp: 72349
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.3





#61

1,2-Dibromoethane

Concen: 20.63 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.01 min

Lab File: VX004095.D

Acq: 16 Aug 2018 02:14

Instrument :

MSVOA_X

ClientSampleId :

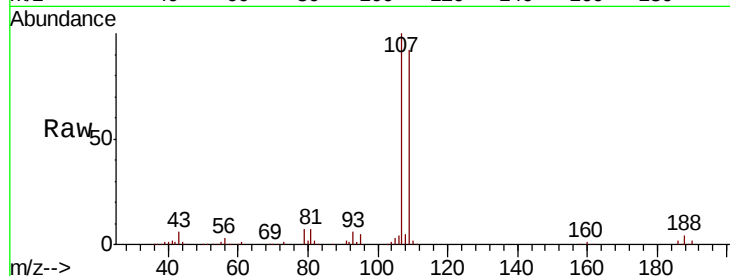
VX0815WBS02

Tot Ion:107 Resp: 79247

Ion Ratio Lower Upper

107 100

109 93.7 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

60000

50000

40000

30000

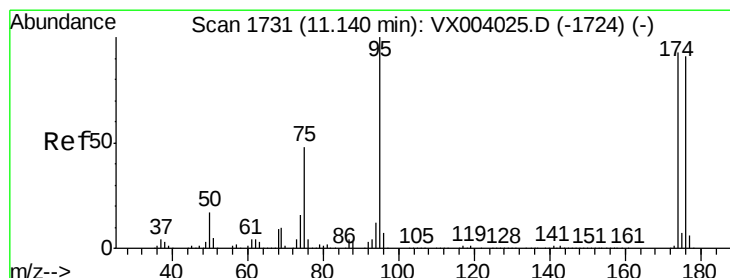
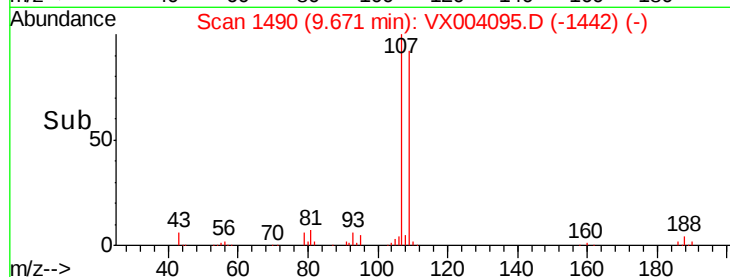
20000

10000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 51.76 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004095.D

Acq: 16 Aug 2018 02:14

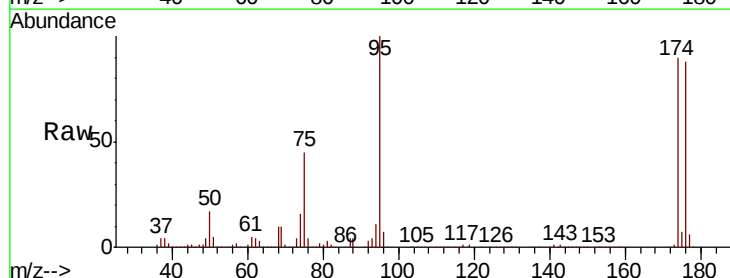
Tgt Ion: 95 Resp: 240557

Ion Ratio Lower Upper

95 100

174 90.1 0.0 182.8

176 87.4 0.0 179.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

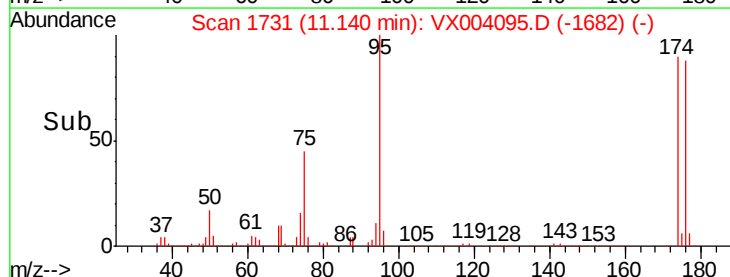
100000

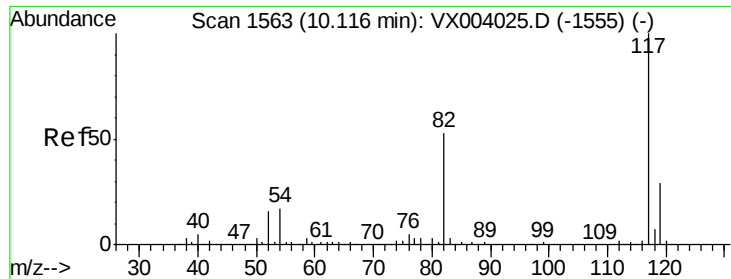
50000

0

11.10 11.20

Time-->

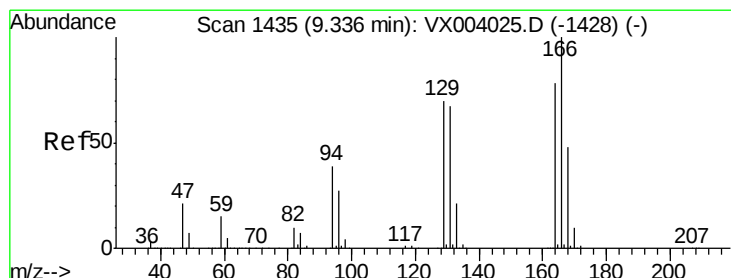
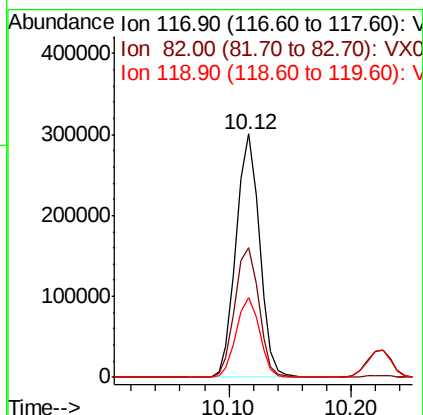
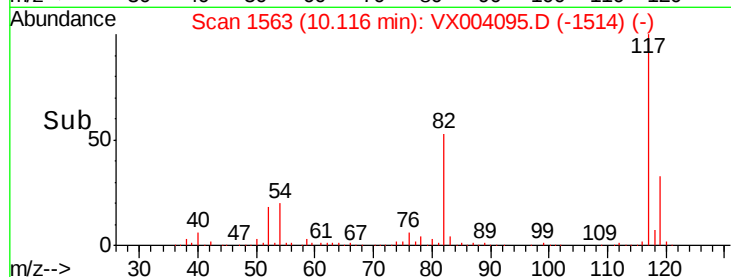
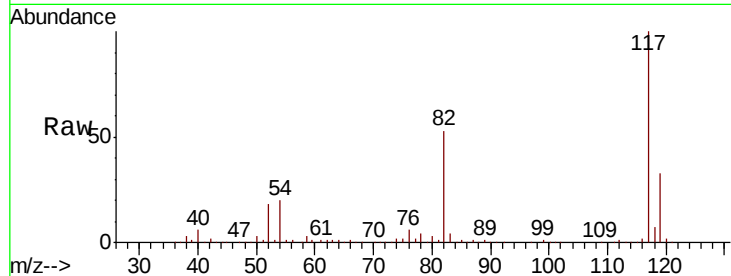




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004095.D
Acq: 16 Aug 2018 02:14

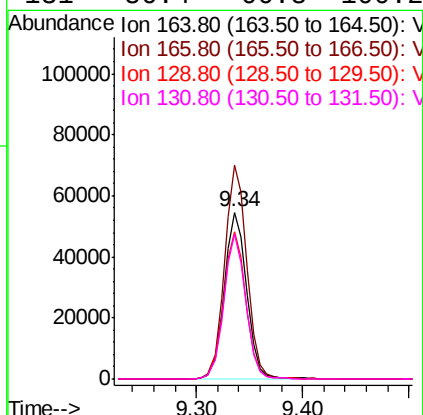
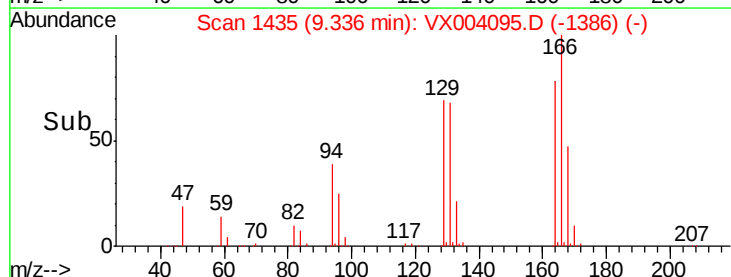
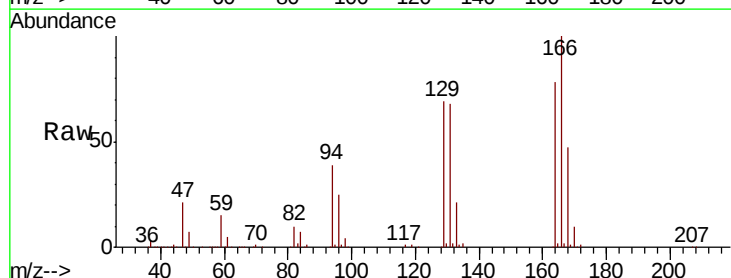
Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS02

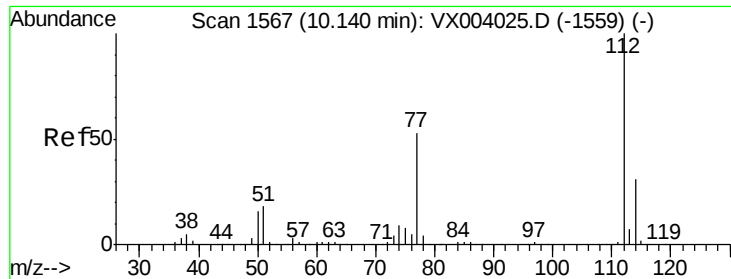
Tot Ion:117 Resp: 399934
Ion Ratio Lower Upper
117 100
82 53.5 45.4 68.0
119 32.6 26.6 40.0



#64
Tetrachloroethene
Concen: 21.26 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004095.D
Acq: 16 Aug 2018 02:14

Tgt Ion:164 Resp: 80573
Ion Ratio Lower Upper
164 100
166 127.9 98.0 147.0
129 88.4 64.3 96.5
131 86.4 66.8 100.2

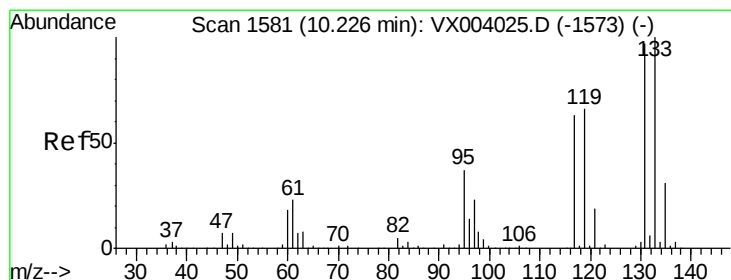
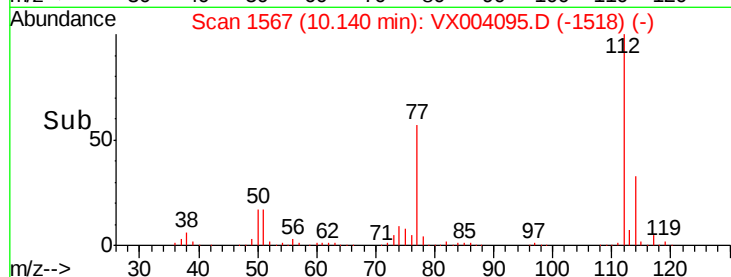
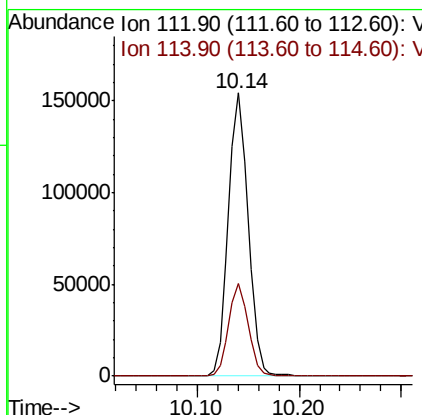
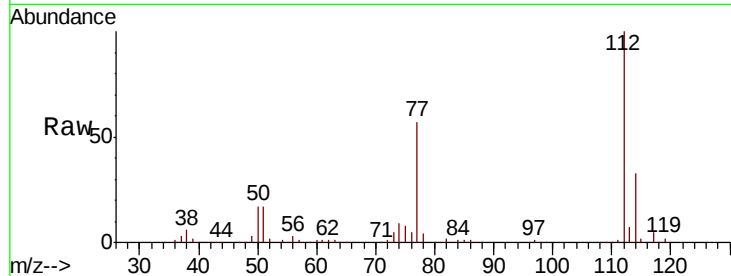




#65
Chlorobenzene
Concen: 20.15 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004095.D
Acq: 16 Aug 2018 02:14

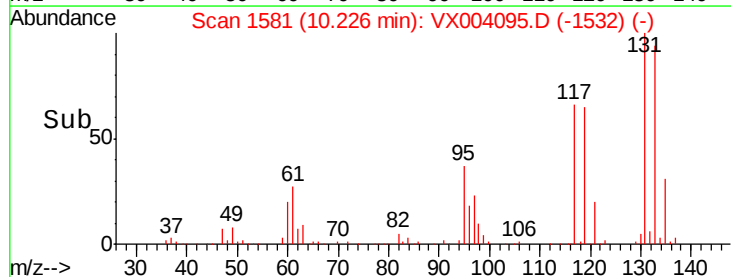
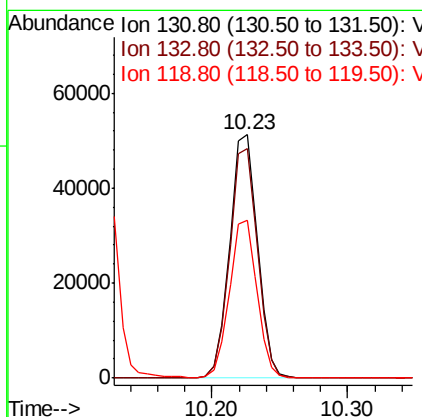
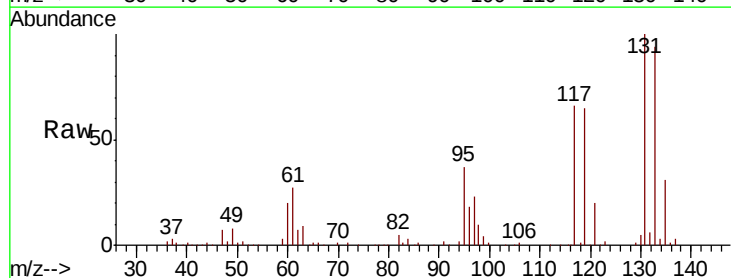
Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS02

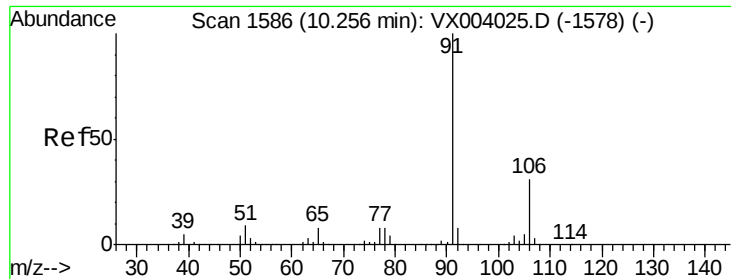
Tot Ion:112 Resp: 208122
Ion Ratio Lower Upper
112 100
114 32.7 23.6 35.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.63 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX004095.D
Acq: 16 Aug 2018 02:14

Tgt Ion:131 Resp: 72688
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.8
119 64.7 31.6 94.8

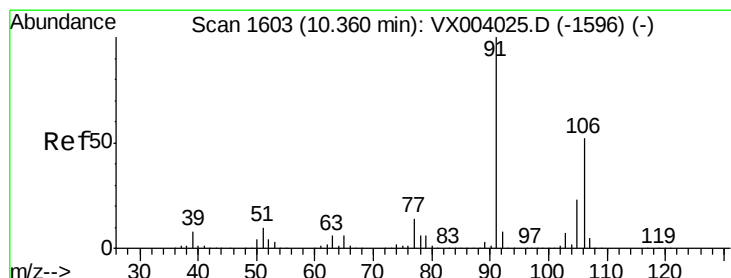
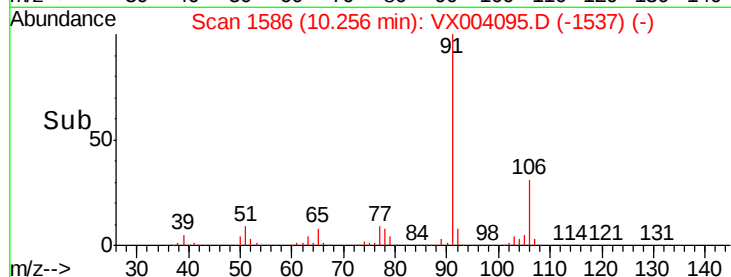
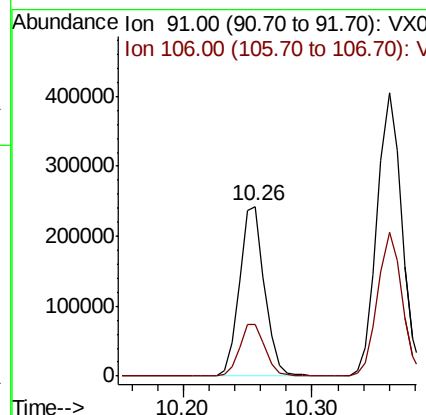
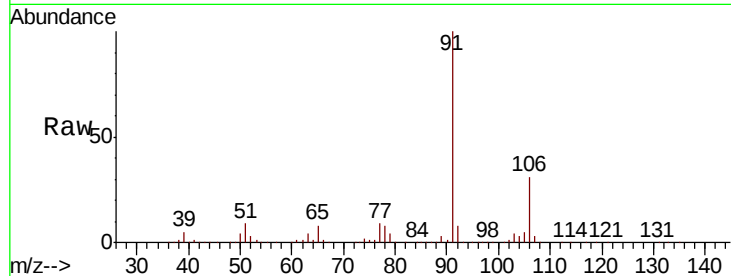




#67
Ethyl Benzene
Concen: 20.20 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX004095.D
Acq: 16 Aug 2018 02:14

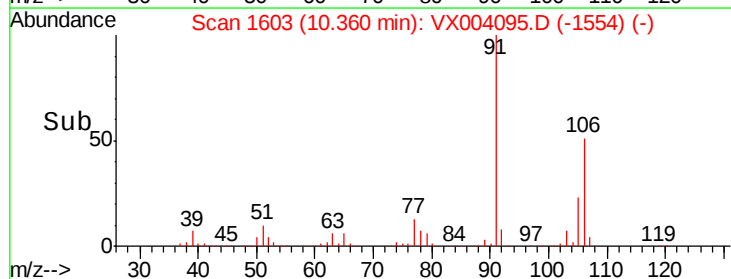
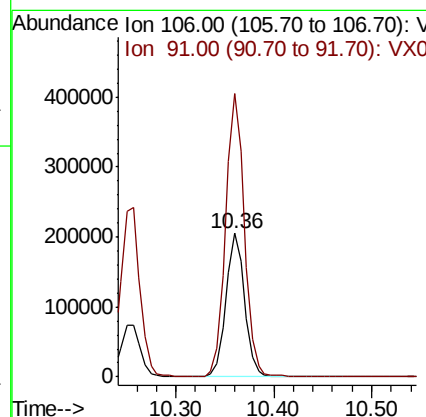
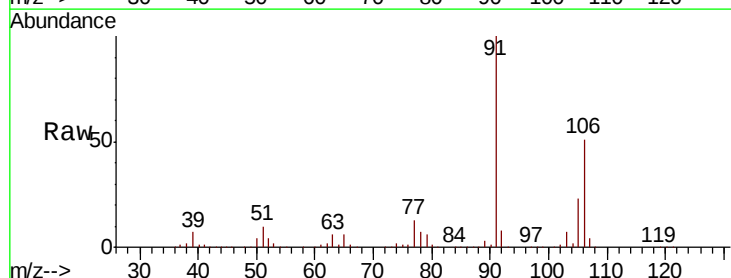
Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS02

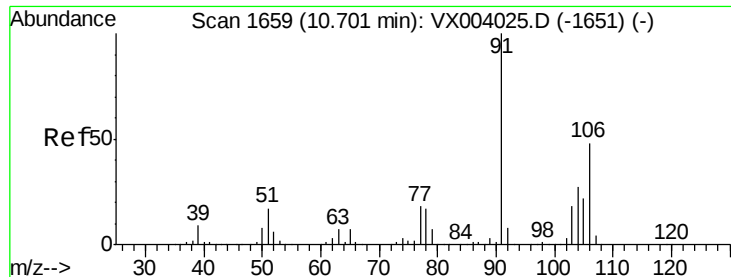
Tot Ion: 91 Resp: 330406
Ion Ratio Lower Upper
91 100
106 30.7 25.9 38.9



#68
m/p-Xylenes
Concen: 42.25 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004095.D
Acq: 16 Aug 2018 02:14

Tgt Ion: 106 Resp: 270661
Ion Ratio Lower Upper
106 100
91 198.9 162.3 243.5

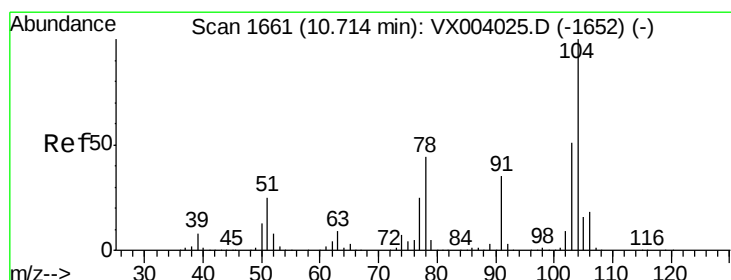
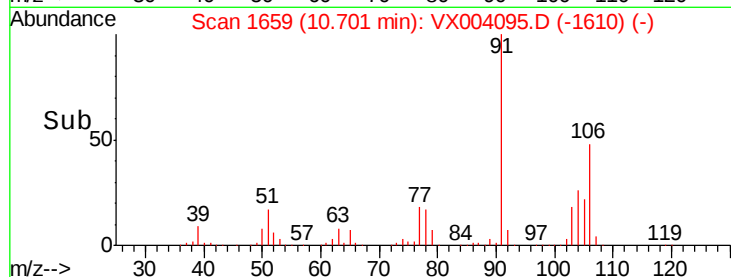
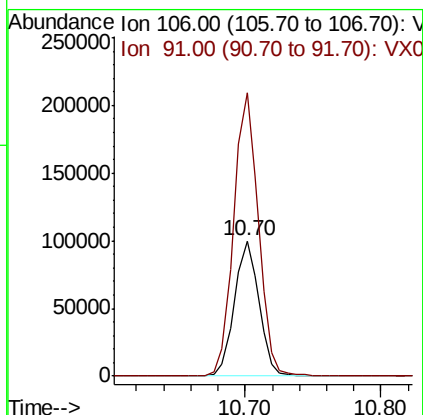
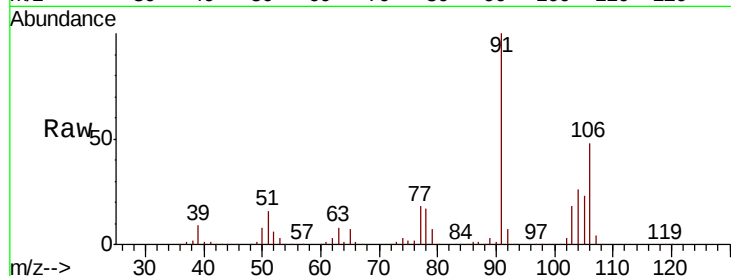




#69
o-Xylene
Concen: 20.58 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004095.D
Acq: 16 Aug 2018 02:14

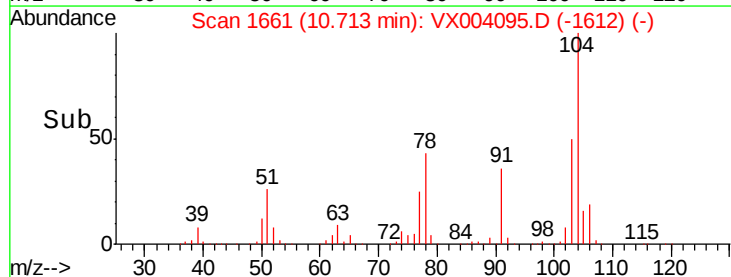
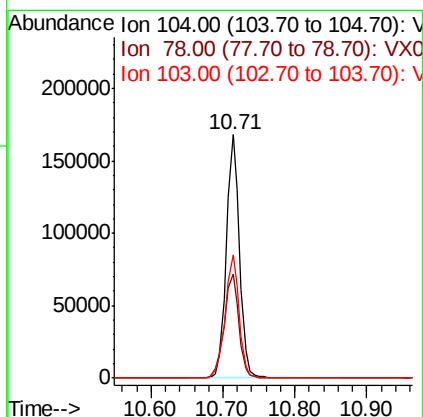
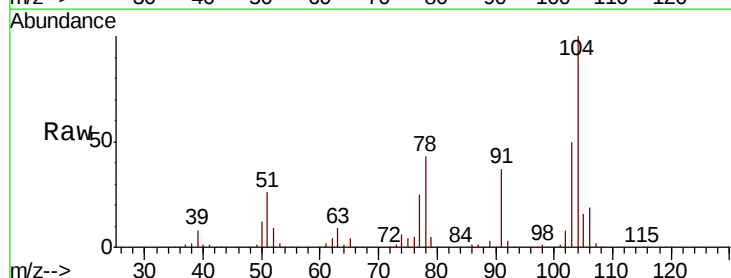
Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS02

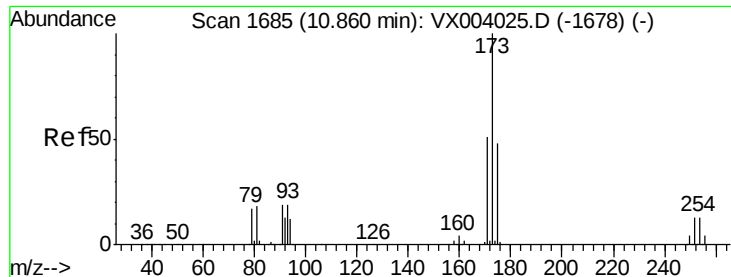
Tot Ion:106 Resp: 125974
Ion Ratio Lower Upper
106 100
91 210.7 101.9 305.7



#70
Styrene
Concen: 20.96 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004095.D
Acq: 16 Aug 2018 02:14

Tgt Ion:104 Resp: 215941
Ion Ratio Lower Upper
104 100
78 47.6 39.8 59.6
103 53.9 44.3 66.5





#71

Bromoform

Concen: 19.45 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004095.D

Acq: 16 Aug 2018 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0815WBS02

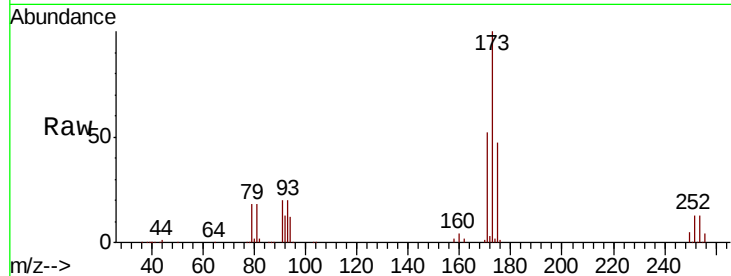
Tot Ion:173 Resp: 54341

Ion Ratio Lower Upper

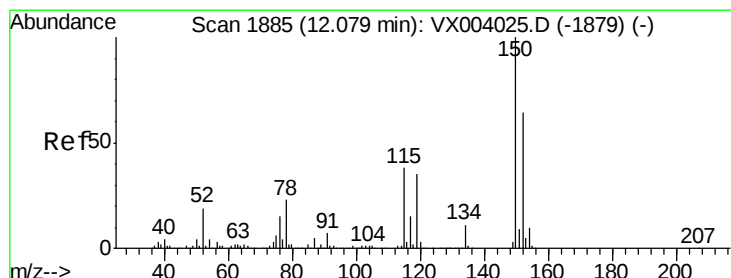
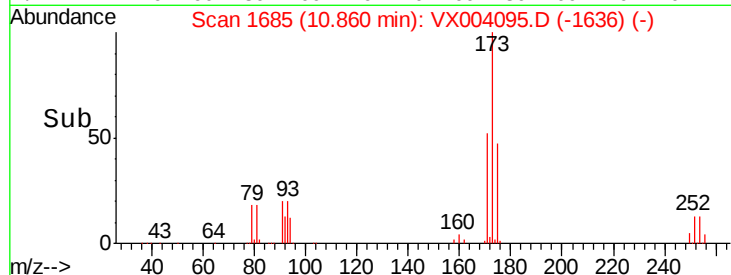
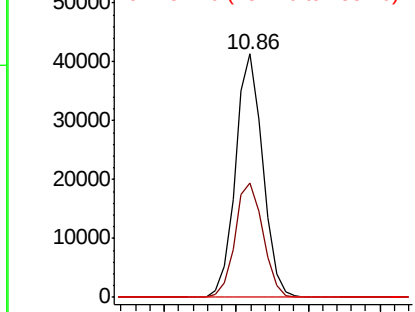
173 100

175 48.5 24.9 74.7

254 0.2 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004095.D

Acq: 16 Aug 2018 02:14

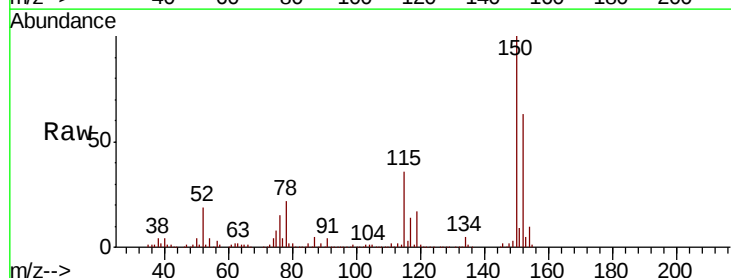
Tgt Ion:152 Resp: 243101

Ion Ratio Lower Upper

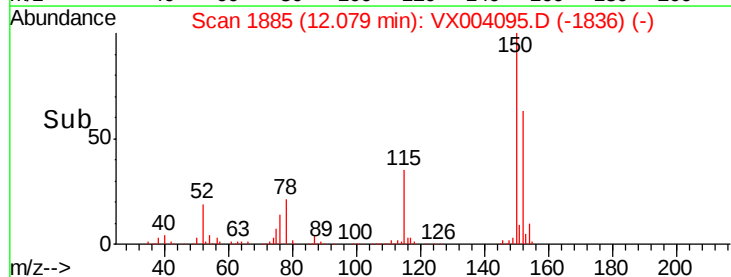
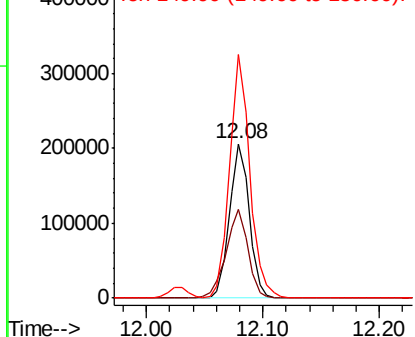
152 100

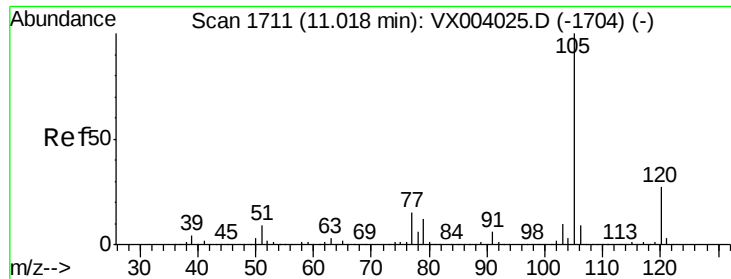
115 63.4 39.1 117.3

150 162.5 0.0 349.2



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





#73

Isopropylbenzene

Concen: 20.81 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004095.D

Acq: 16 Aug 2018 02:14

Instrument :

MSVOA_X

ClientSampleId :

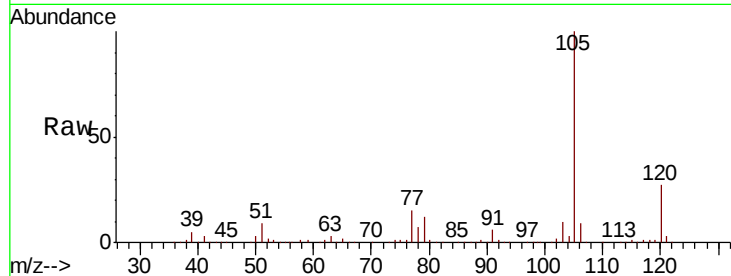
VX0815WBS02

Tot Ion:105 Resp: 342372

Ion Ratio Lower Upper

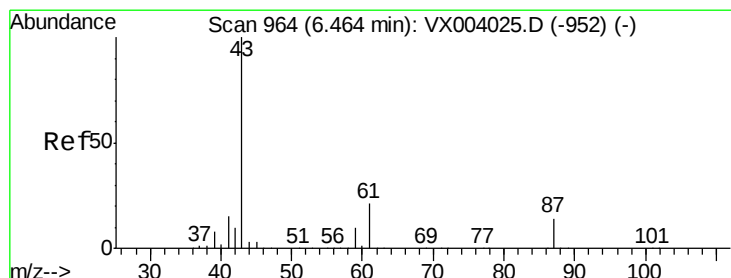
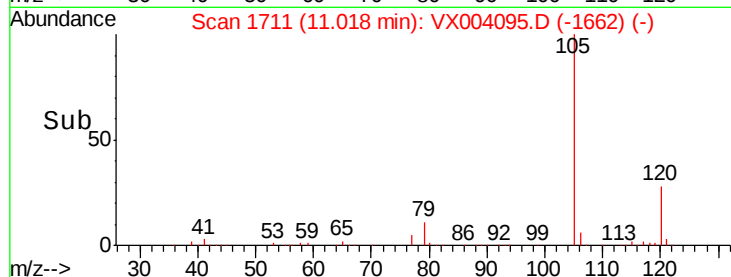
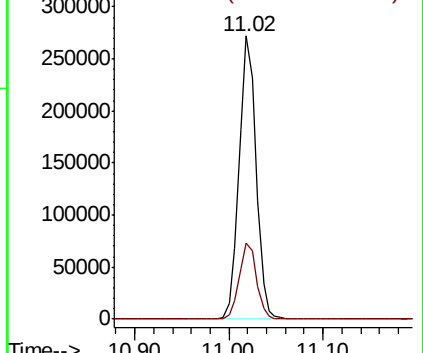
105 100

120 27.2 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.73 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX004095.D

Acq: 16 Aug 2018 02:14

Tgt Ion: 43 Resp: 152701

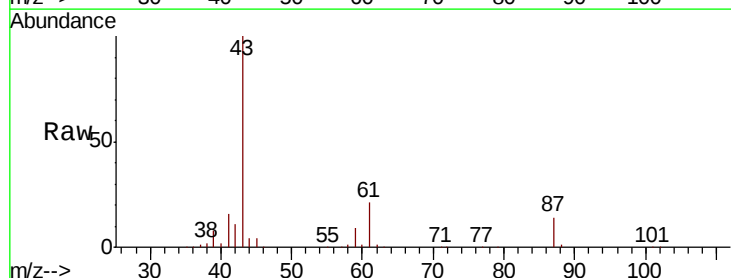
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 21.4 16.9 25.3

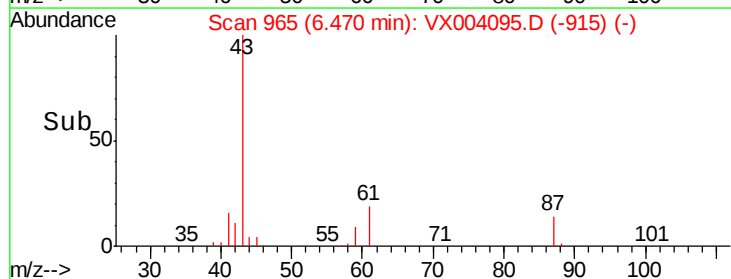
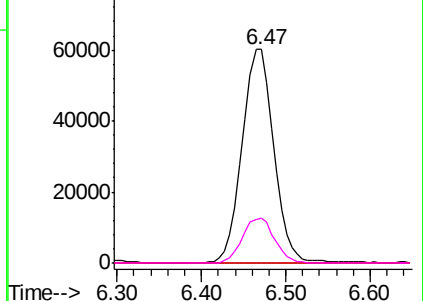


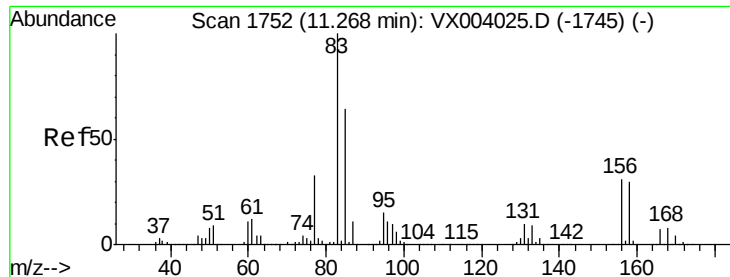
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.71 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004095.D

Acq: 16 Aug 2018 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0815WBS02

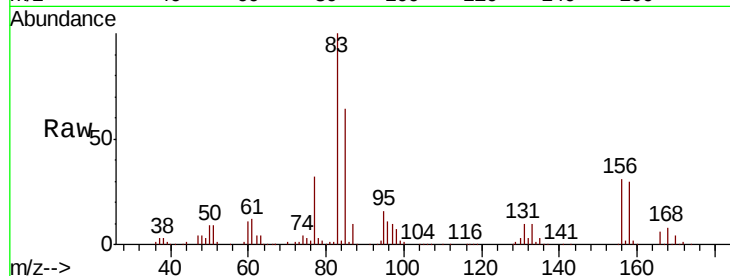
Tot Ion: 83 Resp: 118989

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

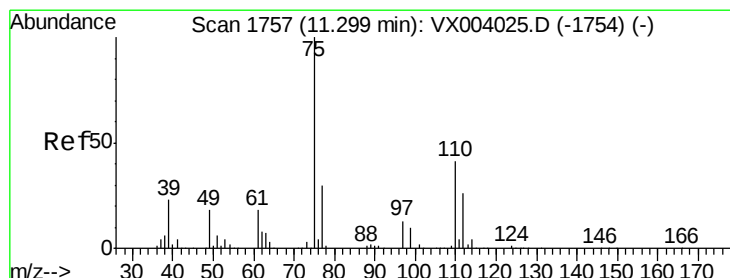
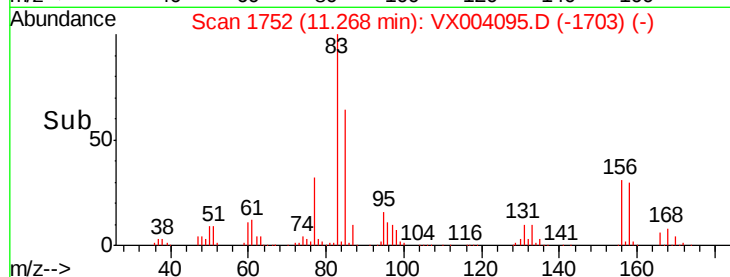
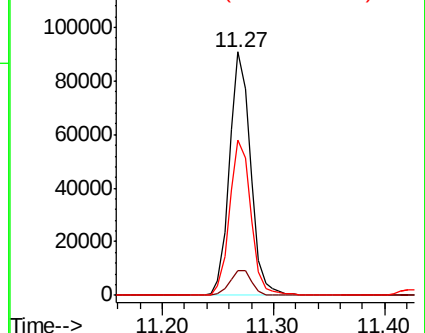
85 64.5 32.2 96.6



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: 25.89 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004095.D

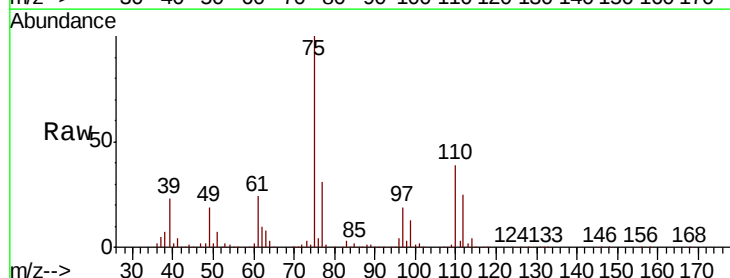
Acq: 16 Aug 2018 02:14

Tgt Ion: 75 Resp: 126202

Ion Ratio Lower Upper

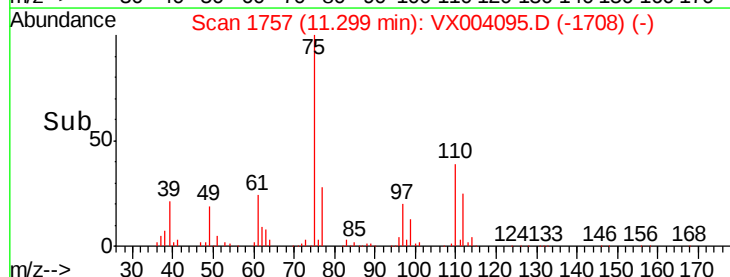
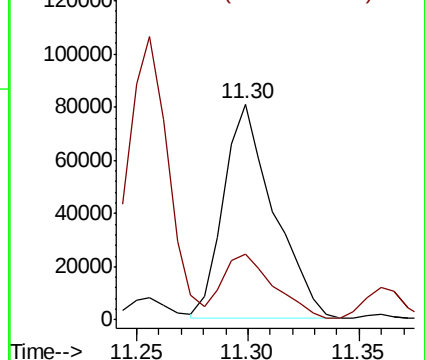
75 100

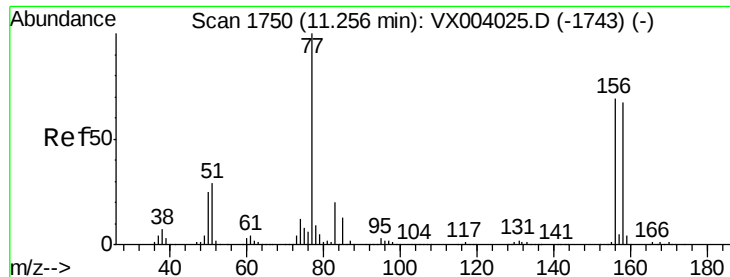
77 31.9 20.8 62.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.48 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004095.D

Acq: 16 Aug 2018 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0815WBS02

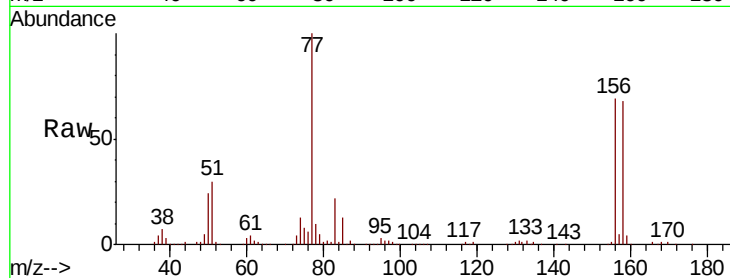
Tot Ion:156 Resp: 92895

Ion Ratio Lower Upper

156 100

77 146.3 74.1 222.2

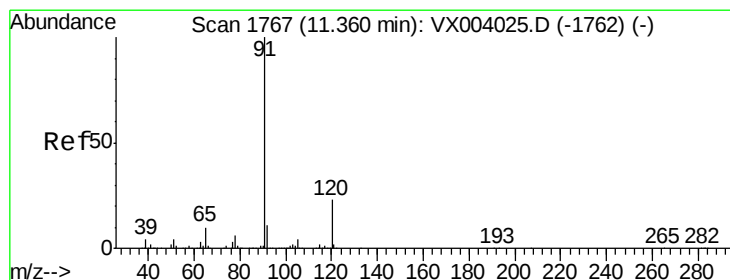
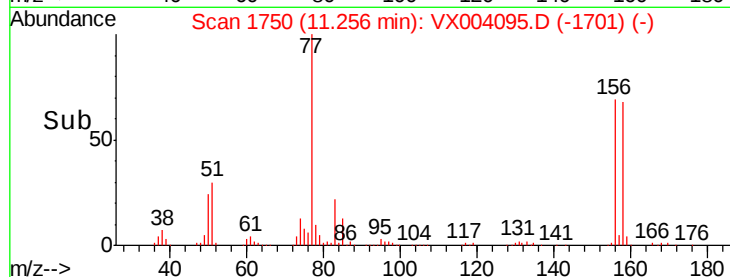
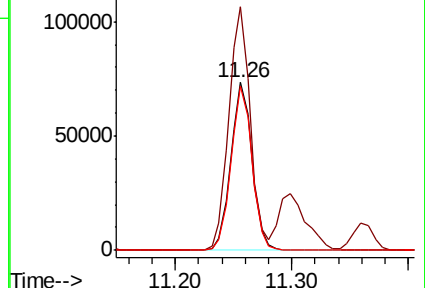
158 96.9 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.74 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004095.D

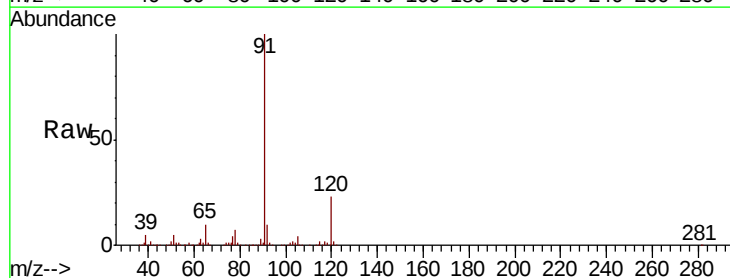
Acq: 16 Aug 2018 02:14

Tgt Ion: 91 Resp: 381885

Ion Ratio Lower Upper

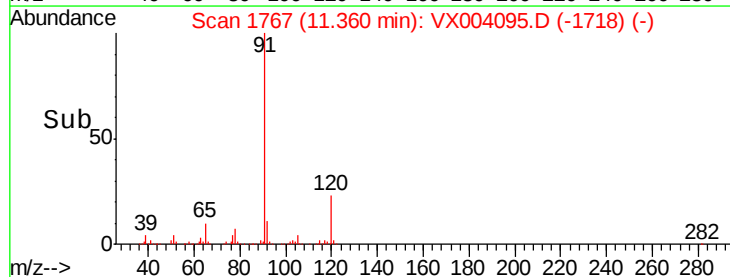
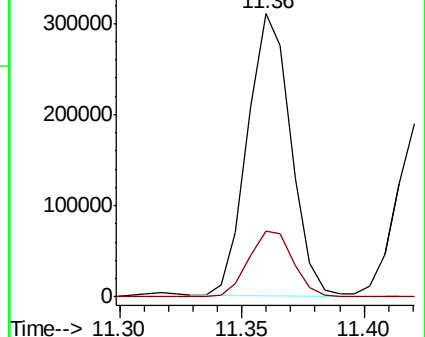
91 100

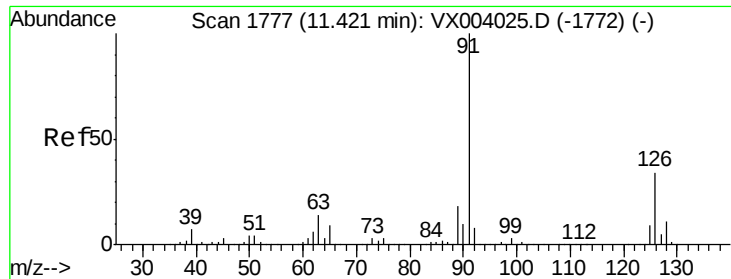
120 24.1 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

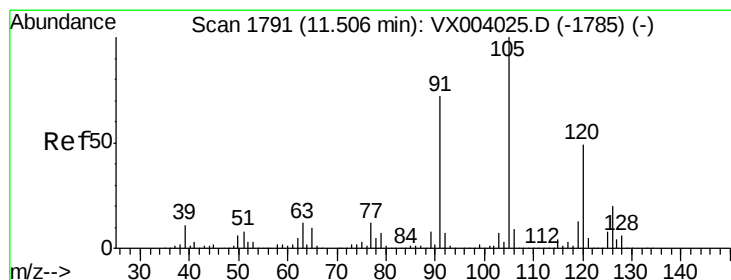
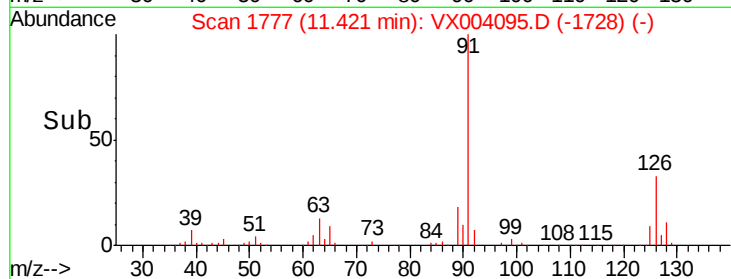
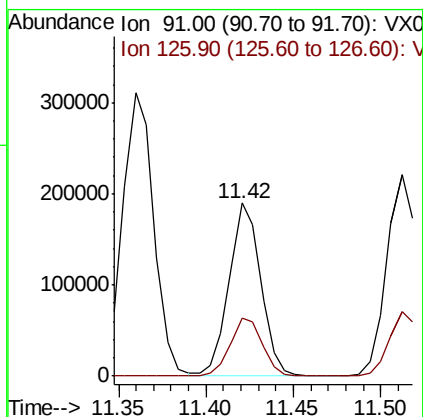
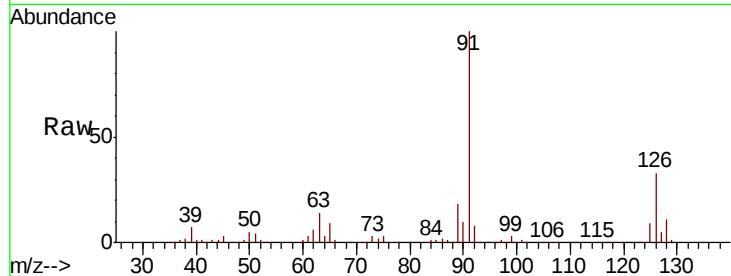




#79
 2-Chlorotoluene
 Concen: 21.18 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX004095.D
 Acq: 16 Aug 2018 02:14

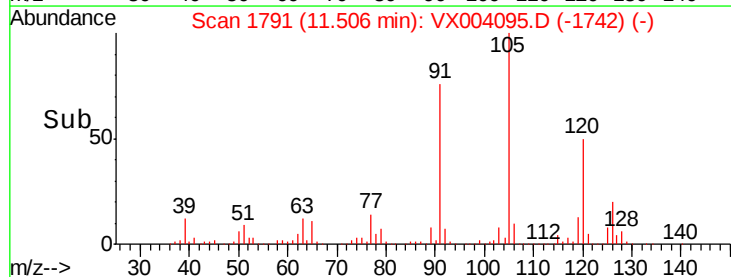
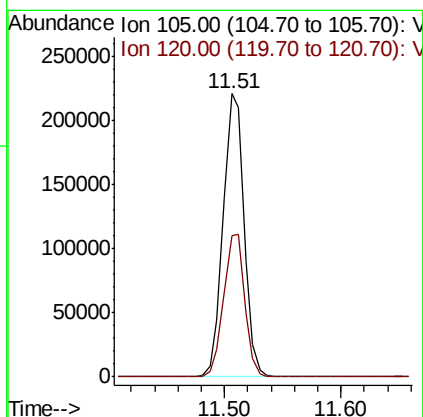
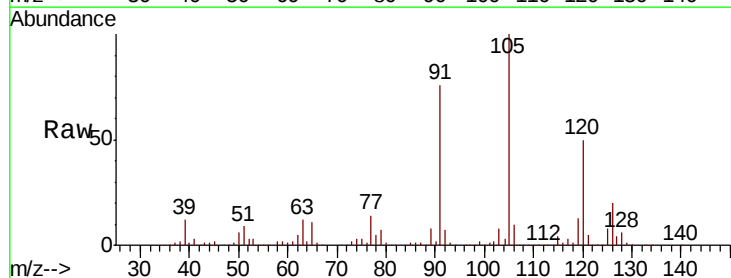
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS02

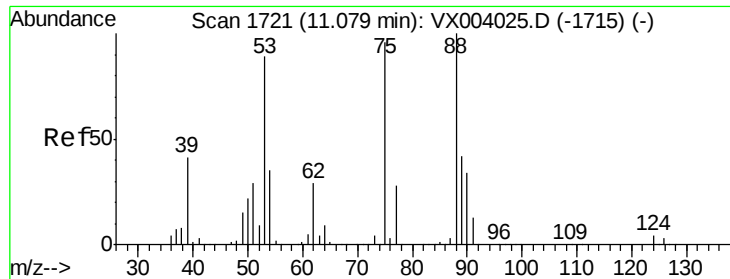
Tot Ion: 91 Resp: 237650
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 20.36 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004095.D
 Acq: 16 Aug 2018 02:14

Tgt Ion: 105 Resp: 274310
 Ion Ratio Lower Upper
 105 100
 120 51.1 25.4 76.2

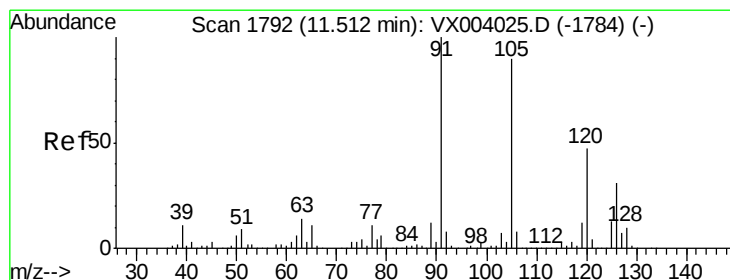
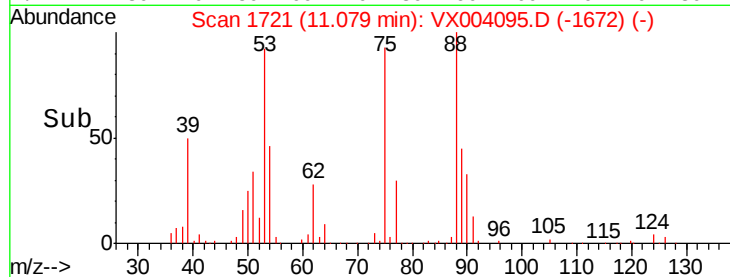
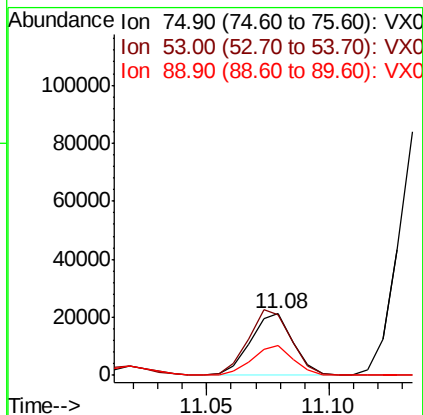
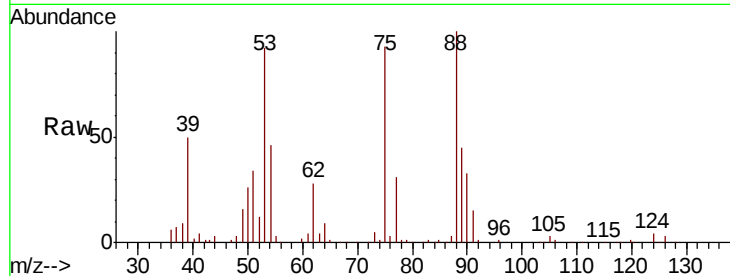




#81
trans-1,4-Dichloro-2-butene
Concen: 16.26 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX004095.D
Acq: 16 Aug 2018 02:14

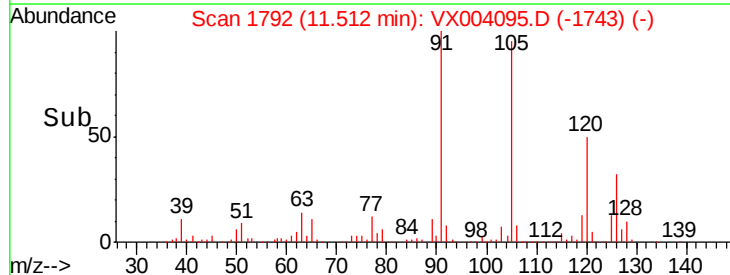
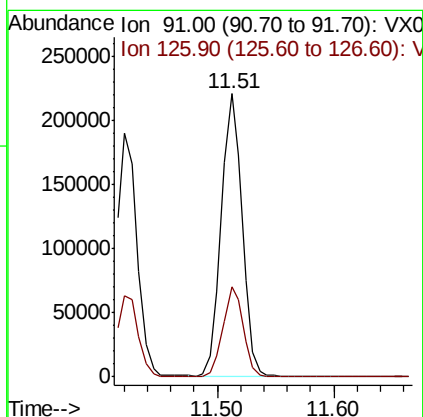
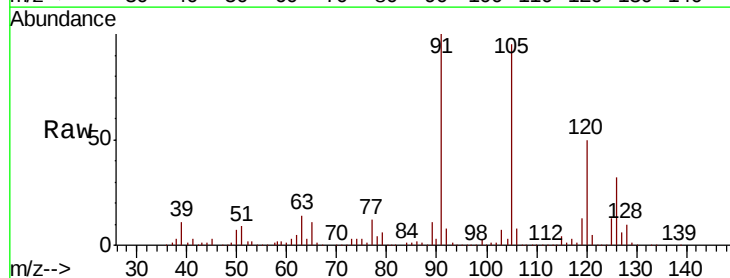
Instrument :
MSVOA_X
ClientSampled :
VX0815WBS02

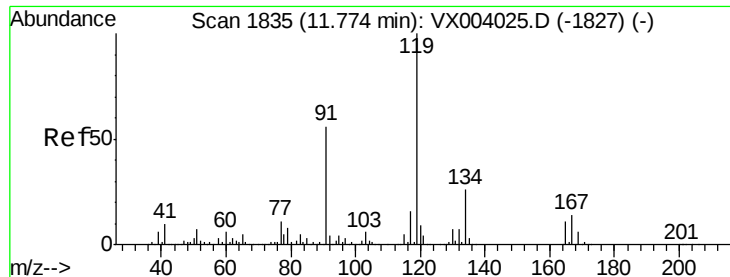
Tot Ion: 75 Resp: 25610
Ion Ratio Lower Upper
75 100
53 107.9 80.3 120.5
89 47.2 37.8 56.8



#82
4-Chlorotoluene
Concen: 20.65 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004095.D
Acq: 16 Aug 2018 02:14

Tgt Ion: 91 Resp: 273806
Ion Ratio Lower Upper
91 100
126 31.0 15.6 46.7

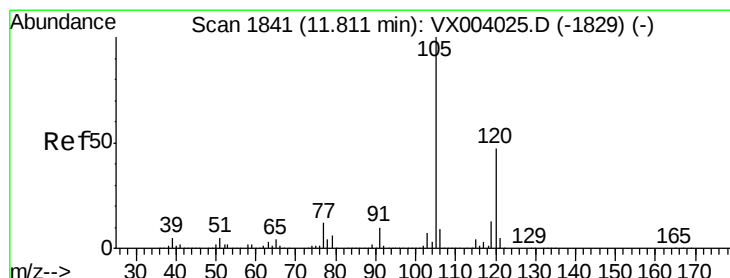
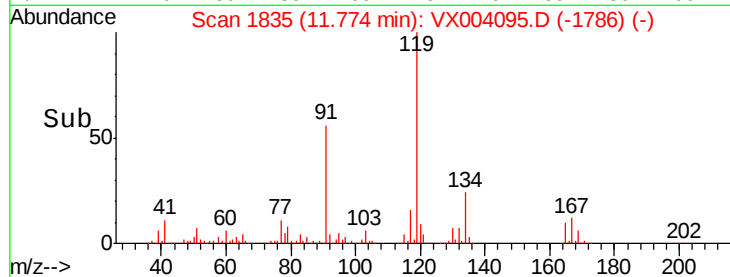
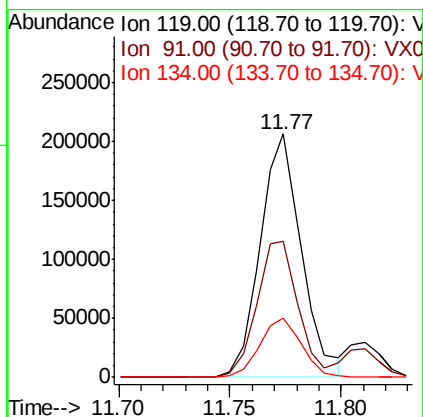
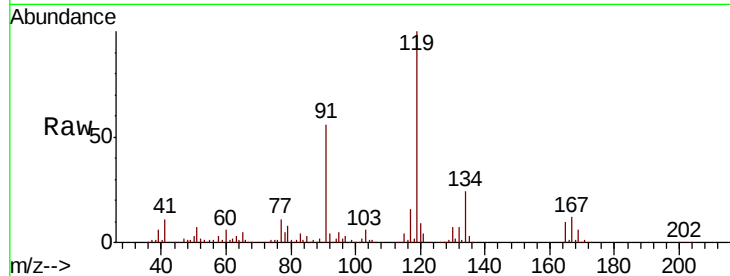




#83
 tert-Butylbenzene
 Concen: 19.57 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004095.D
 Acq: 16 Aug 2018 02:14

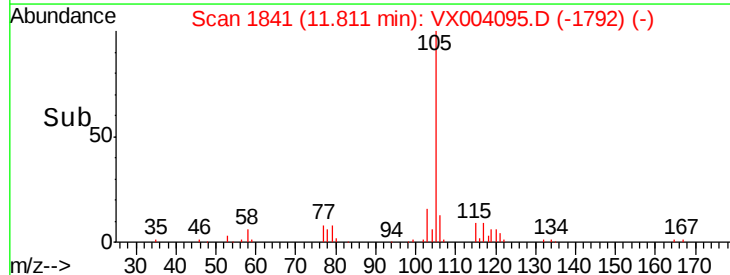
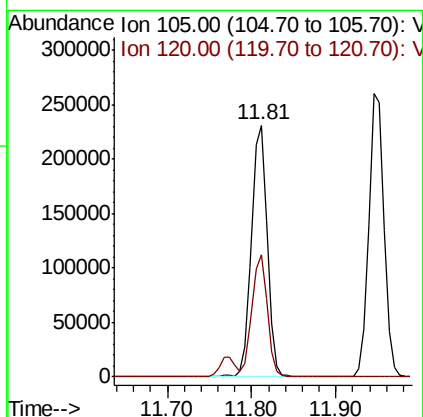
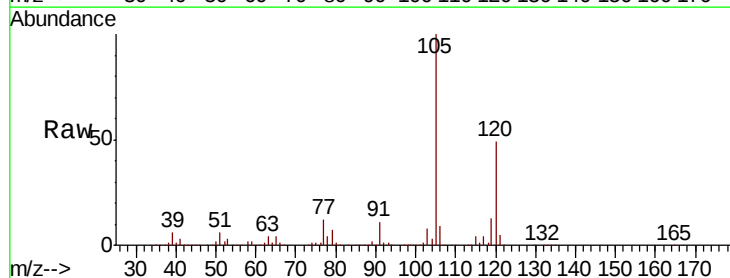
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS02

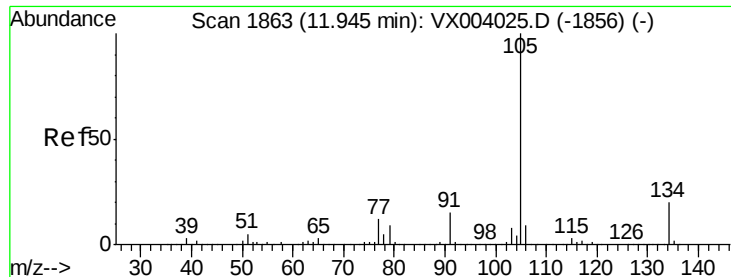
Tot Ion:119 Resp: 265739
 Ion Ratio Lower Upper
 119 100
 91 55.7 26.9 80.7
 134 24.5 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 20.75 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004095.D
 Acq: 16 Aug 2018 02:14

Tgt Ion:105 Resp: 289495
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.1 69.2

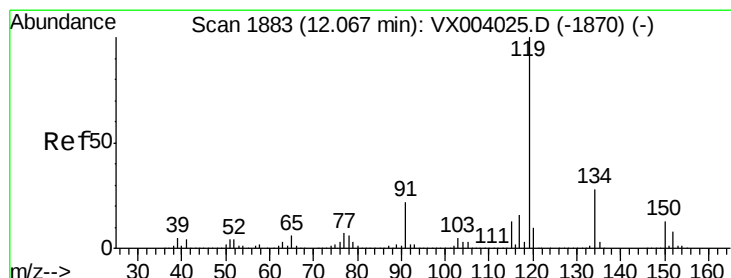
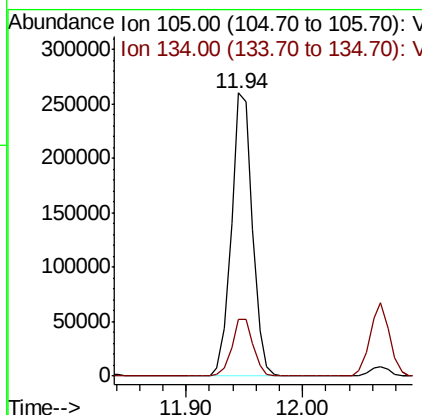
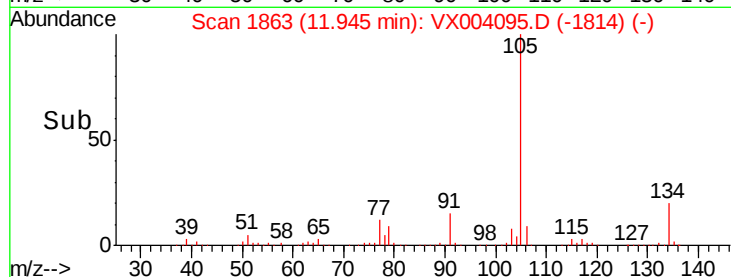
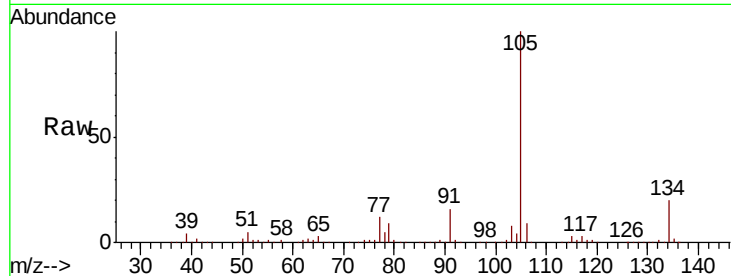




#85
 sec-Butylbenzene
 Concen: 20.56 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VX004095.D
 Acq: 16 Aug 2018 02:14

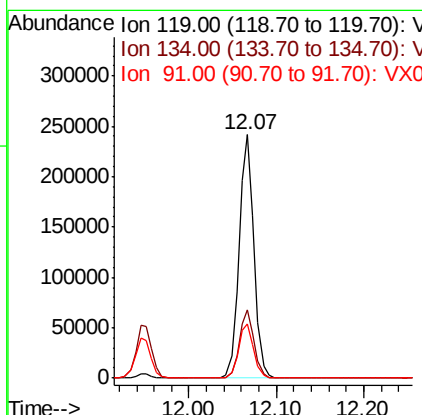
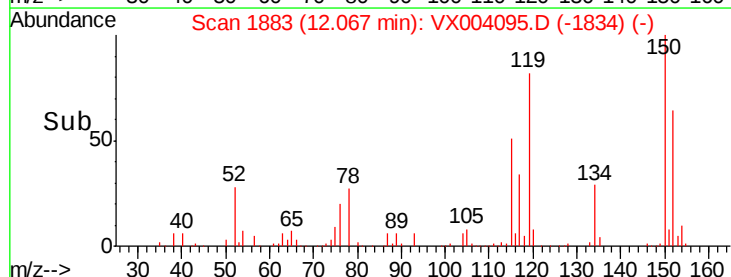
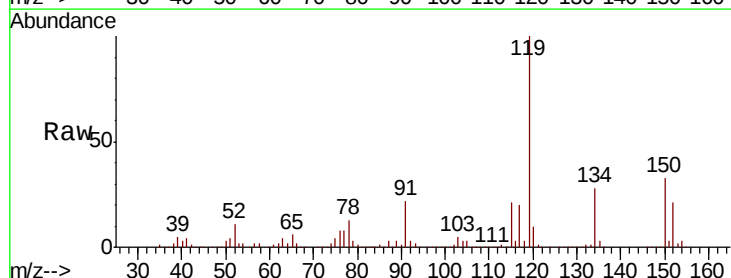
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS02

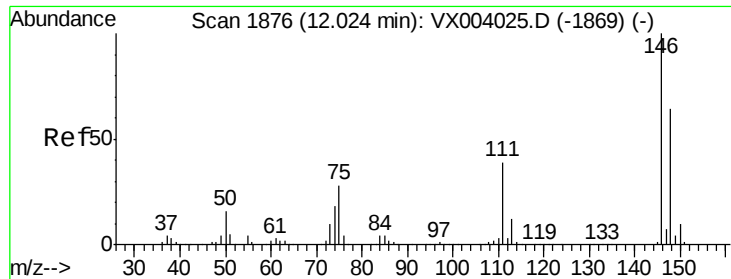
Tot Ion:105 Resp: 326828
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 19.98 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004095.D
 Acq: 16 Aug 2018 02:14

Tgt Ion:119 Resp: 287514
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.3 39.8
 91 22.5 10.9 32.7

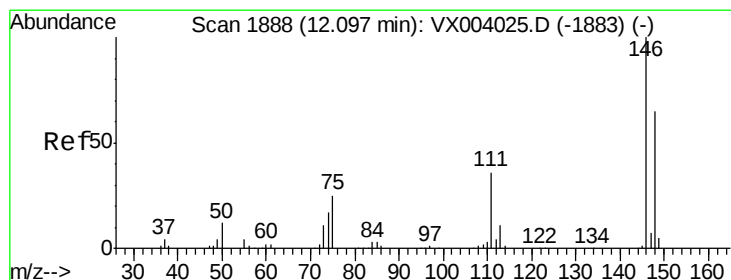
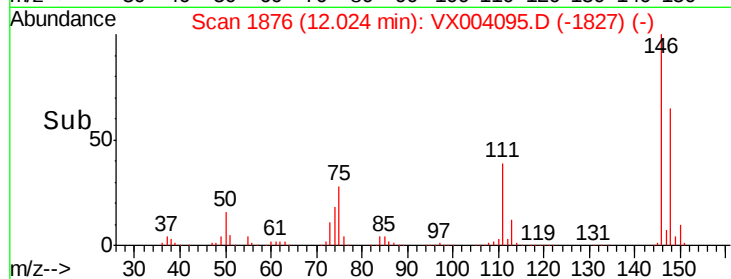
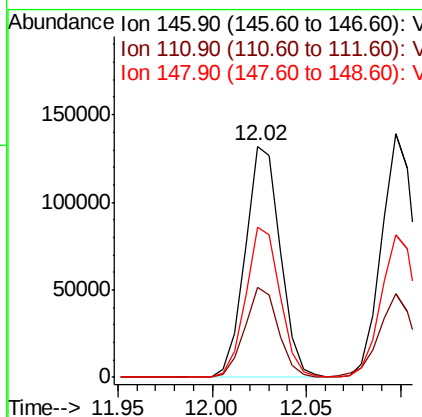
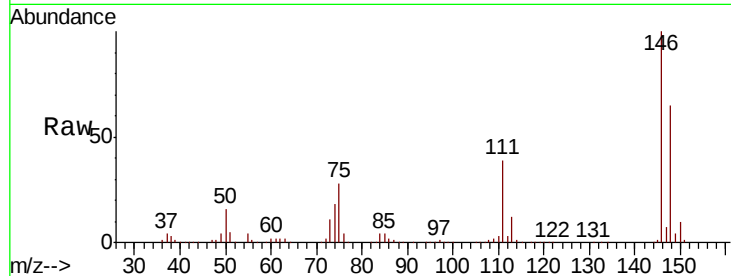




#87
 1,3-Dichlorobenzene
 Concen: 19.68 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004095.D
 Acq: 16 Aug 2018 02:14

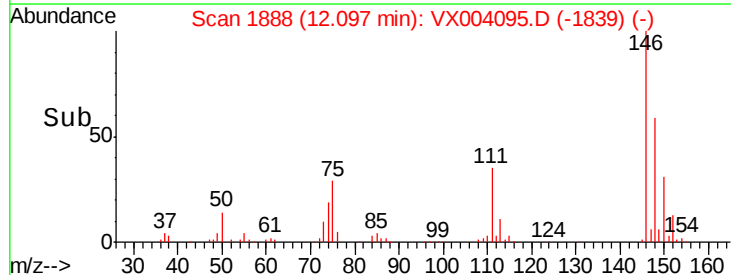
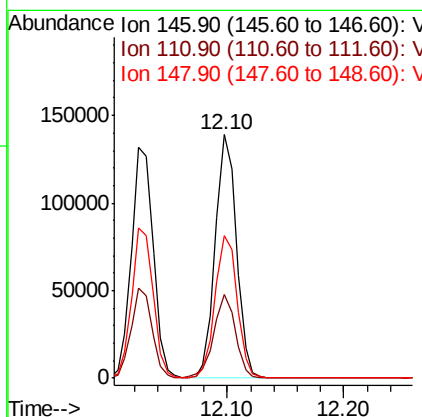
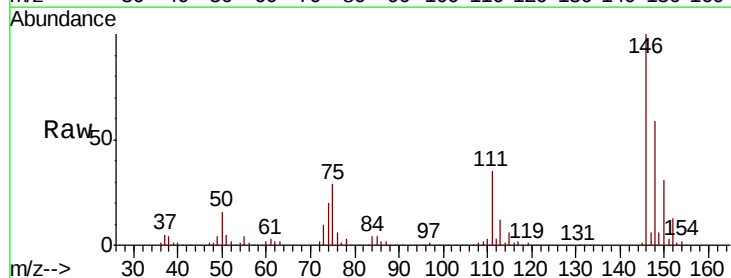
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS02

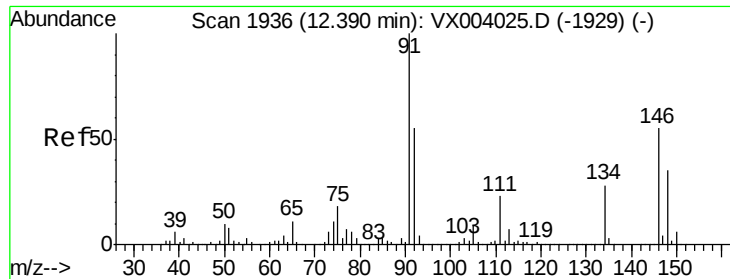
Tot Ion:146 Resp: 170229
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.8 56.4
 148 63.8 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 19.54 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004095.D
 Acq: 16 Aug 2018 02:14

Tgt Ion:146 Resp: 173944
 Ion Ratio Lower Upper
 146 100
 111 35.2 18.4 55.0
 148 61.0 32.3 96.8

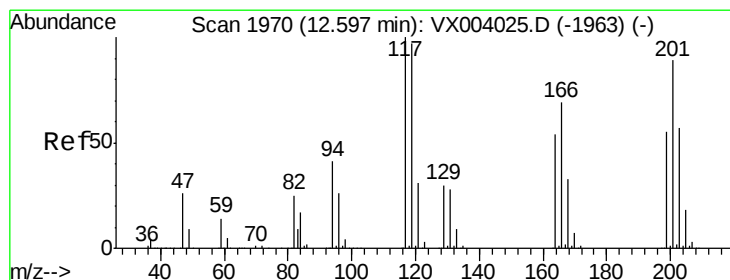
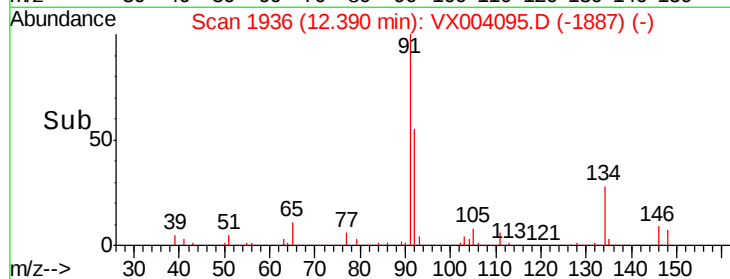
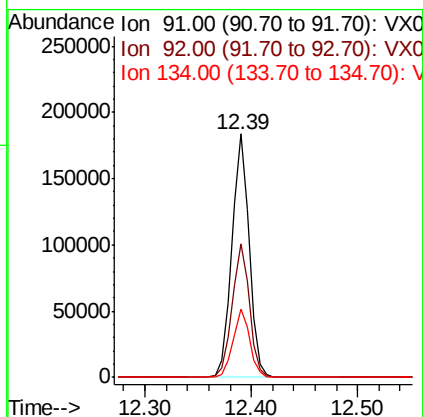
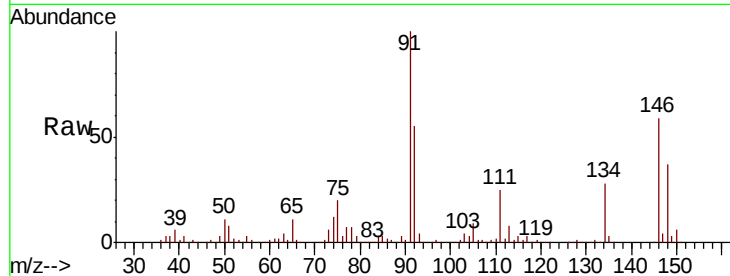




#89
n-Butylbenzene
Concen: 18.49 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004095.D
Acq: 16 Aug 2018 02:14

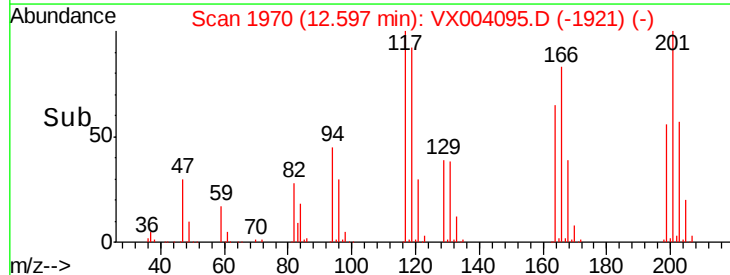
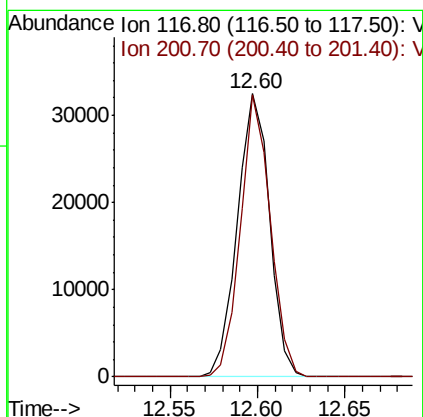
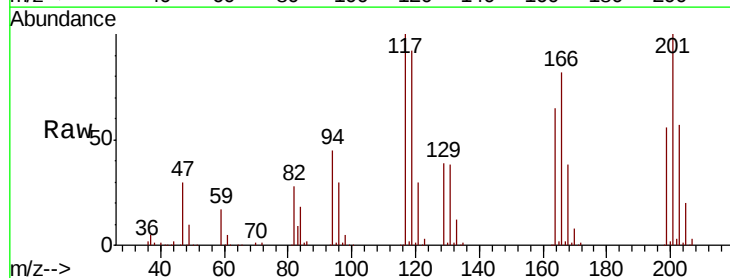
Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS02

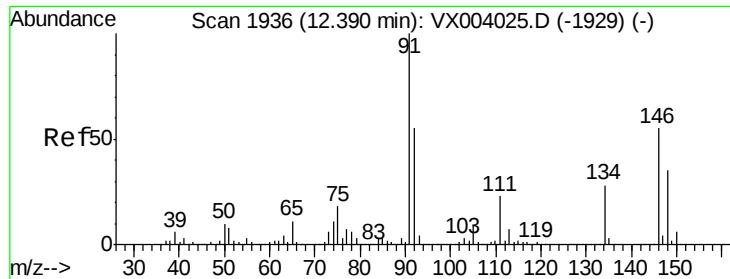
Tot Ion: 91 Resp: 209708
Ion Ratio Lower Upper
91 100
92 54.7 27.1 81.3
134 27.1 13.6 40.7



#90
Hexachloroethane
Concen: 19.32 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004095.D
Acq: 16 Aug 2018 02:14

Tgt Ion: 117 Resp: 41599
Ion Ratio Lower Upper
117 100
201 92.2 46.1 138.2

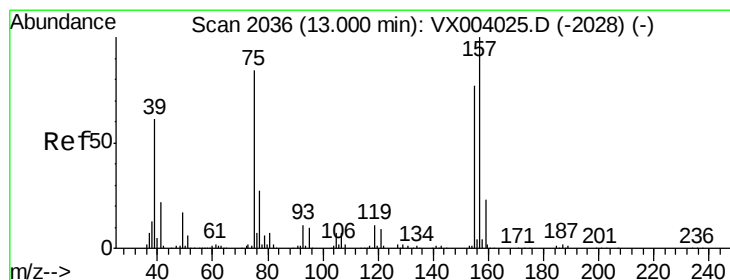
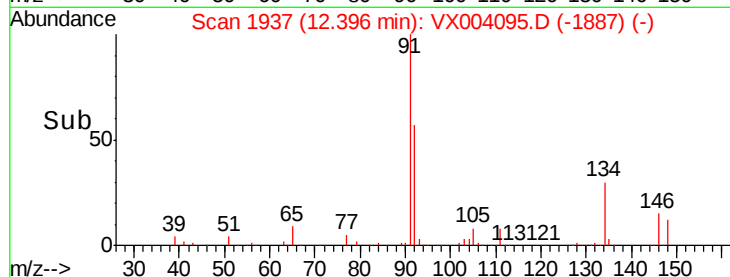
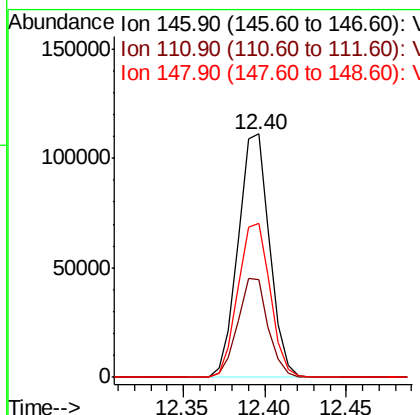
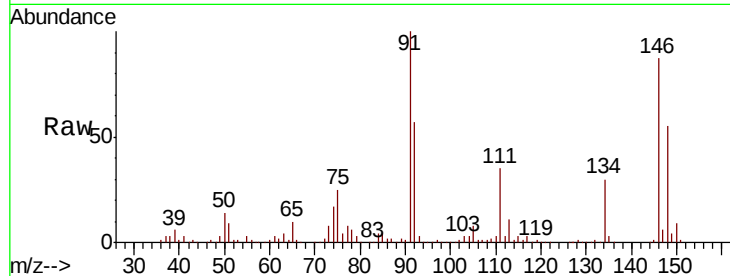




#91
 1,2-Dichlorobenzene
 Concen: 19.12 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.01 min
 Lab File: VX004095.D
 Acq: 16 Aug 2018 02:14

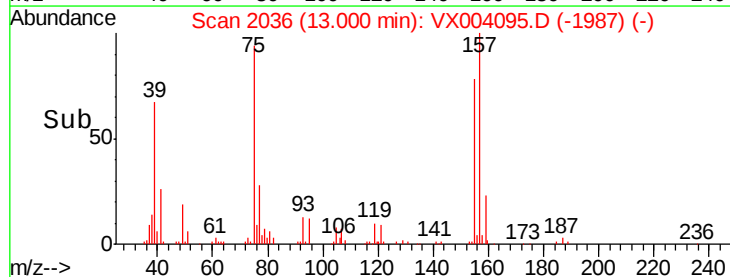
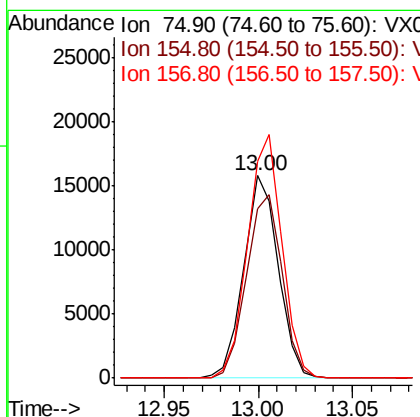
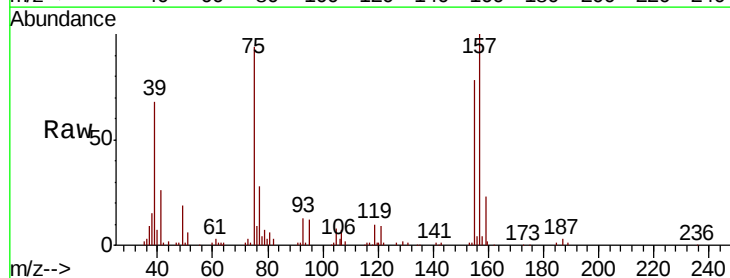
Instrument :
 MSVOA_X
 ClientSampled :
 VX0815WBS02

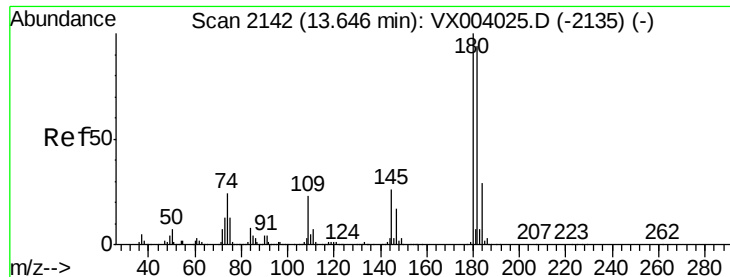
Tot Ion:146 Resp: 149183
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.7 59.0
 148 65.0 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.96 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VX004095.D
 Acq: 16 Aug 2018 02:14

Tgt Ion: 75 Resp: 20150
 Ion Ratio Lower Upper
 75 100
 155 93.3 48.7 146.1
 157 119.6 62.6 187.8

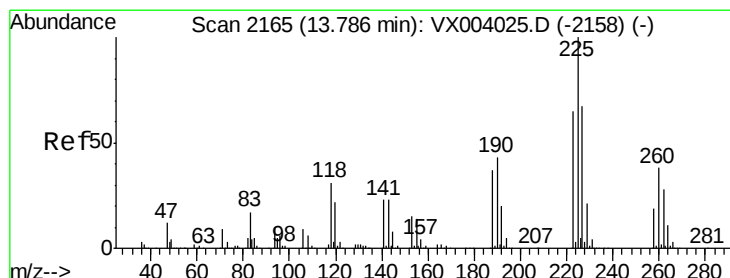
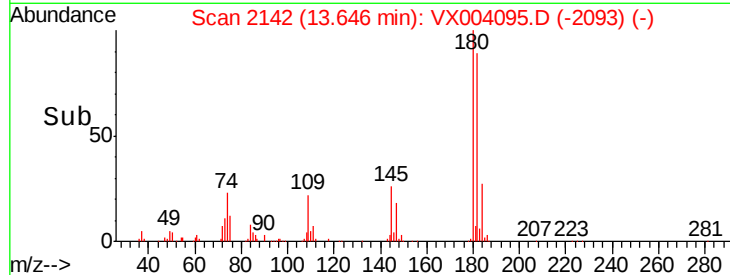
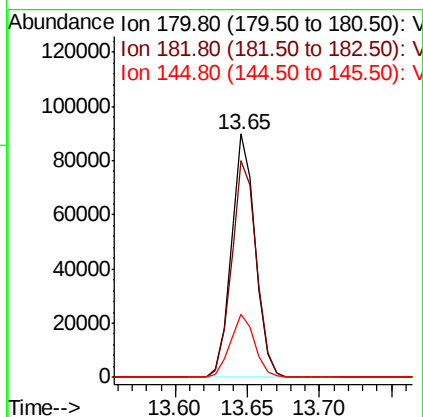
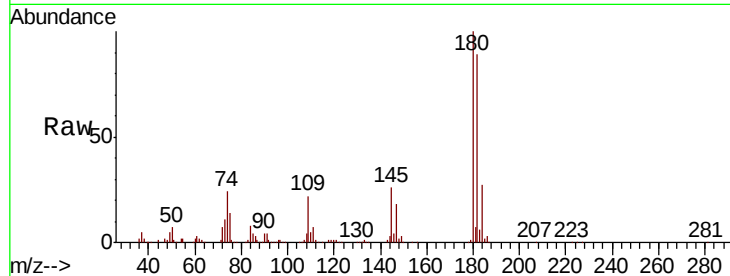




#93
 1,2,4-Trichlorobenzene
 Concen: 19.57 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004095.D
 Acq: 16 Aug 2018 02:14

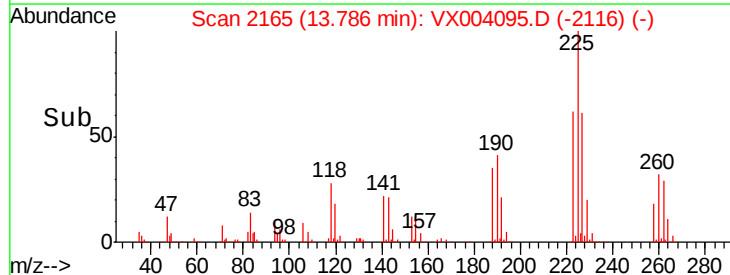
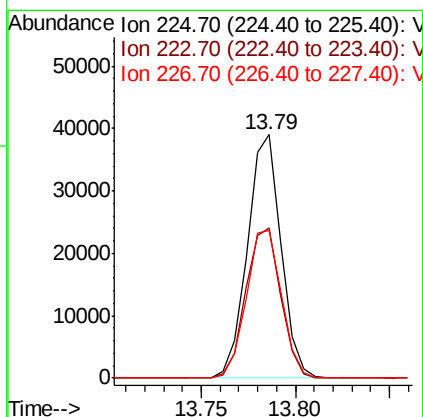
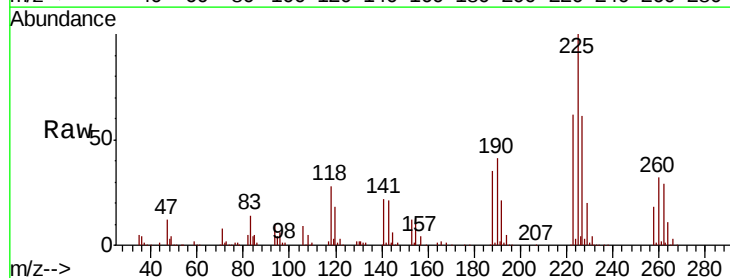
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS02

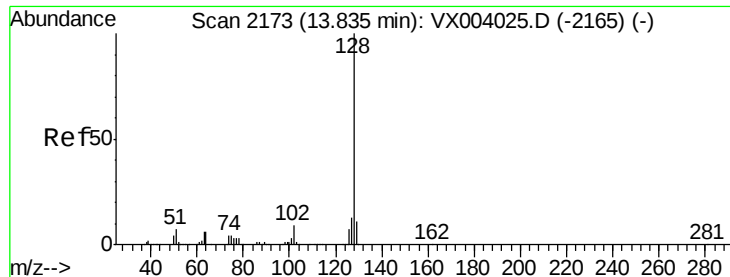
Tot Ion:180 Resp: 104361
 Ion Ratio Lower Upper
 180 100
 182 92.9 47.7 143.1
 145 26.7 13.9 41.6



#94
 Hexachlorobutadiene
 Concen: 17.97 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004095.D
 Acq: 16 Aug 2018 02:14

Tgt Ion:225 Resp: 48025
 Ion Ratio Lower Upper
 225 100
 223 64.3 31.4 94.0
 227 63.8 32.1 96.5

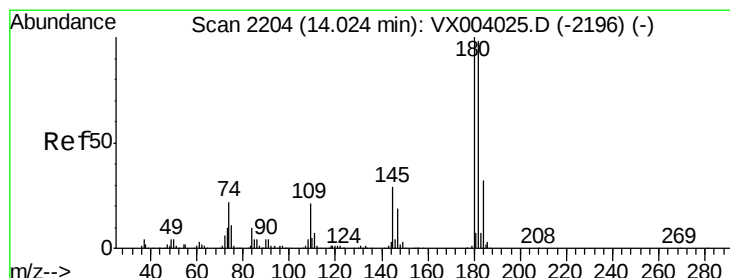
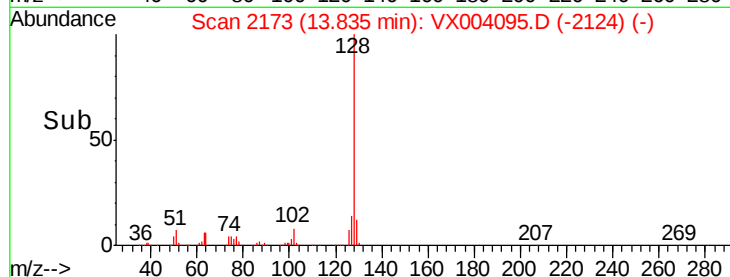
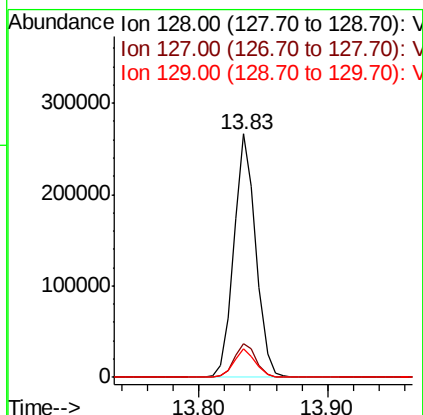
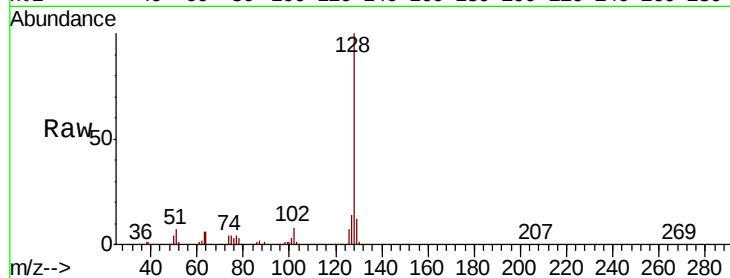




#95
Naphthalene
Concen: 19.29 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004095.D
Acq: 16 Aug 2018 02:14

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS02

Tot Ion:128 Resp: 315593
Ion Ratio Lower Upper
128 100
127 13.8 10.2 15.2
129 11.4 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.34 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX004095.D
Acq: 16 Aug 2018 02:14

Tgt Ion:180 Resp: 118284
Ion Ratio Lower Upper
180 100
182 94.8 48.1 144.4
145 29.7 14.9 44.7

