

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071918\
 Data File : VX003474.D
 Acq On : 19 Jul 2018 20:35
 Operator : JC/SP
 Sample : VX0719WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBS01

Quant Time: Jul 20 03:59:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	311238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	446112	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	417655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	248861	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	198943	54.00	ug/l	0.00
Spiked Amount			Recovery	=	108.00%	
35) Dibromofluoromethane	5.51	113	176692	52.00	ug/l	0.00
Spiked Amount			Recovery	=	104.00%	
50) Toluene-d8	8.72	98	673601	52.74	ug/l	0.00
Spiked Amount			Recovery	=	105.48%	
62) 4-Bromofluorobenzene	11.14	95	240739	51.65	ug/l	0.00
Spiked Amount			Recovery	=	103.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	53105	21.08	ug/l	97
3) Chloromethane	1.32	50	69116	21.91	ug/l	99
4) Vinyl Chloride	1.40	62	77742	19.66	ug/l	99
5) Bromomethane	1.64	94	42904	26.09	ug/l	100
6) Chloroethane	1.72	64	50254	21.48	ug/l	98
7) Trichlorofluoromethane	1.93	101	108052	20.48	ug/l	100
8) Diethyl Ether	2.19	74	46113	20.35	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	67702	19.61	ug/l	98
10) Methyl Iodide	2.51	142	73375	17.69	ug/l	94
11) Tert butyl alcohol	3.07	59	83748	114.88	ug/l	100
12) 1,1-Dichloroethene	2.37	96	65014	20.45	ug/l	89
13) Acrolein	2.29	56	34114	103.57	ug/l	99
14) Allyl chloride	2.73	41	120184	21.36	ug/l	87
15) Acrylonitrile	3.15	53	200613	108.08	ug/l	98
16) Acetone	2.45	43	157745	113.35	ug/l	# 89
17) Carbon Disulfide	2.57	76	176830	20.57	ug/l	98
18) Methyl Acetate	2.78	43	98081	22.36	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	222153	21.40	ug/l	99
20) Methylene Chloride	2.86	84	75782	21.78	ug/l	89
21) trans-1,2-Dichloroethene	3.17	96	71048	20.09	ug/l	89
22) Diisopropyl ether	3.87	45	223283	21.09	ug/l	98
23) Vinyl Acetate	3.82	43	899388	103.11	ug/l	96
24) 1,1-Dichloroethane	3.70	63	129525	20.85	ug/l	99
25) 2-Butanone	4.71	43	251751	107.82	ug/l	93
26) 2,2-Dichloropropane	4.59	77	87937	18.64	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	78674	19.98	ug/l	90
28) Bromochloromethane	5.03	49	60880	22.42	ug/l	88
29) Tetrahydrofuran	5.17	42	163599	106.07	ug/l	92
30) Chloroform	5.21	83	125654	20.71	ug/l	99
31) Cyclohexane	5.57	56	110745	19.95	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	107812	20.75	ug/l	97
36) 1,1-Dichloropropene	5.81	75	93406	19.39	ug/l	97
37) Ethyl Acetate	4.87	43	96085	21.08	ug/l	95
38) Carbon Tetrachloride	5.78	117	93283	19.74	ug/l	97

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 Sample : VX0719WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBS01

Quant Time: Jul 20 03:59:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	110426	19.36	ug/l	96
40) Benzene	6.15	78	294640	20.26	ug/l	98
41) Methacrylonitrile	5.06	41	55375	20.67	ug/l	93
42) 1,2-Dichloroethane	6.20	62	96461	21.05	ug/l	95
43) Isopropyl Acetate	6.47	43	150998	20.83	ug/l	94
44) Trichloroethene	7.21	130	85834	19.79	ug/l	96
45) 1,2-Dichloropropane	7.52	63	75186	20.36	ug/l	99
46) Dibromomethane	7.67	93	49346	20.76	ug/l	96
47) Bromodichloromethane	7.90	83	89512	20.57	ug/l	98
48) Methyl methacrylate	7.78	41	76816	21.01	ug/l	84
49) 1,4-Dioxane	7.76	88	34780	419.83	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	501150	109.41	ug/l	93
52) Toluene	8.79	92	187252	20.46	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	109268	20.40	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	96993	20.13	ug/l	90
55) 1,1,2-Trichloroethane	9.22	97	75140	20.63	ug/l	98
56) Ethyl methacrylate	9.18	69	106744	20.81	ug/l #	83
57) 1,3-Dichloropropane	9.37	76	123788	21.02	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	260278	104.33	ug/l	97
59) 2-Hexanone	9.50	43	373152	109.96	ug/l	89
60) Dibromochloromethane	9.59	129	73083	20.27	ug/l	100
61) 1,2-Dibromoethane	9.68	107	78414	20.77	ug/l	99
64) Tetrachloroethene	9.34	164	99738	19.60	ug/l	99
65) Chlorobenzene	10.14	112	210904	19.60	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	74618	20.15	ug/l	99
67) Ethyl Benzene	10.26	91	346237	20.01	ug/l	100
68) m/p-Xylenes	10.36	106	271379	40.01	ug/l	97
69) o-Xylene	10.70	106	130404	19.88	ug/l	97
70) Styrene	10.71	104	217655	20.17	ug/l	97
71) Bromoform	10.86	173	56429	19.62	ug/l #	100
73) Isopropylbenzene	11.02	105	350442	20.36	ug/l	100
74) N-amyl acetate	6.47	43	150998	20.66	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	104909	20.80	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	118900	26.60	ug/l	81
77) Bromobenzene	11.26	156	96713	19.54	ug/l	97
78) n-propylbenzene	11.36	91	391676	20.47	ug/l	98
79) 2-Chlorotoluene	11.42	91	235588	20.28	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	290757	20.56	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	27214	18.84	ug/l	92
82) 4-Chlorotoluene	11.51	91	274559	20.17	ug/l	98
83) tert-Butylbenzene	11.77	119	274813	19.84	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	298455	20.74	ug/l	99
85) sec-Butylbenzene	11.95	105	338468	20.12	ug/l	99
86) p-Isopropyltoluene	12.07	119	305350	20.22	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	174916	19.22	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	177200	18.90	ug/l	99
89) n-Butylbenzene	12.39	91	247326	19.29	ug/l	99
90) Hexachloroethane	12.60	117	40590	18.91	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	176402	19.67	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19889	20.26	ug/l	89

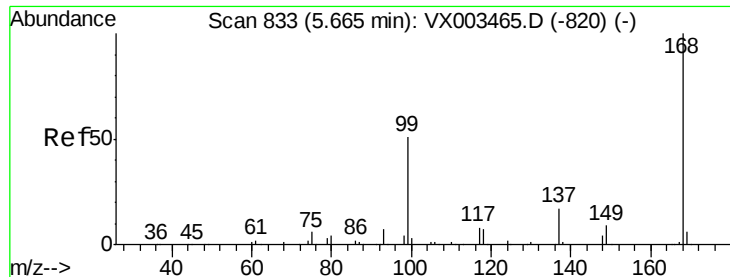
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071918\
Data File : VX003474.D
Acq On : 19 Jul 2018 20:35
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Sample : VX0719WBS01
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Instrument :
MSVOA_X
ClientSampleId :
VX0719WBS01

Quant Time: Jul 20 03:59:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	122719	18.67	ug/l	99
94) Hexachlorobutadiene	13.79	225	58106	18.38	ug/l	100
95) Naphthalene	13.83	128	350390	20.29	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	124114	19.08	ug/l	100

(#) = 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: VX003474.D

Acq: 19 Jul 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

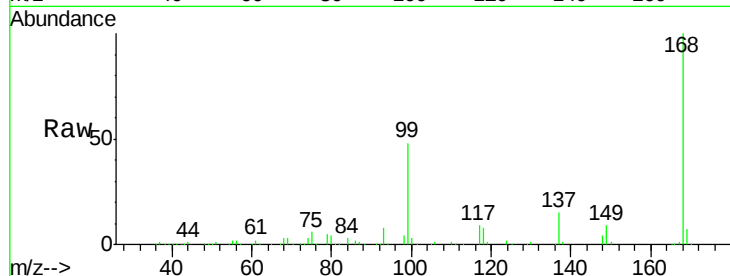
VX0719WBS01

Tot Ion:168 Resp: 311238

Ion Ratio Lower Upper

168 100

99 47.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

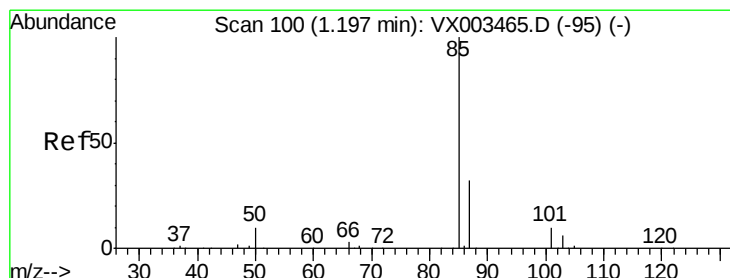
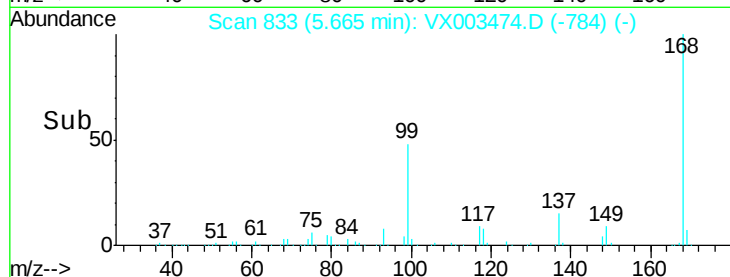
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.08 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003474.D

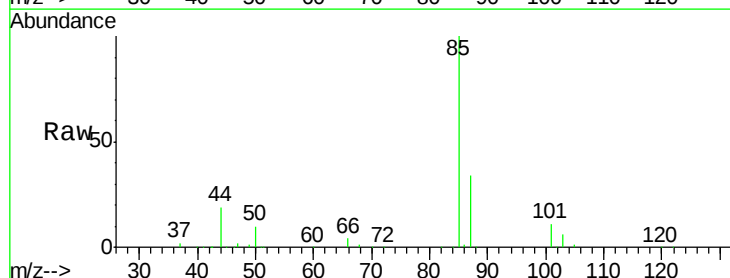
Acq: 19 Jul 2018 20:35

Tgt Ion: 85 Resp: 53105

Ion Ratio Lower Upper

85 100

87 33.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

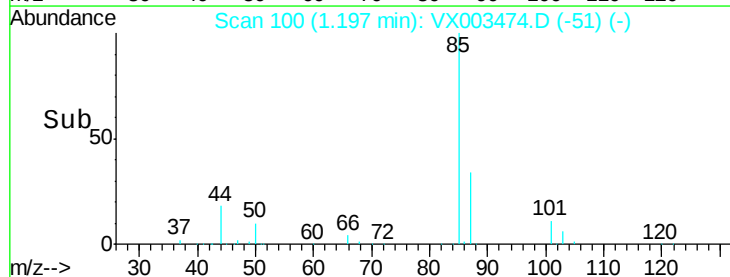
30000

20000

10000

0

Time-->





#3

Chloromethane

Concen: 21.91 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

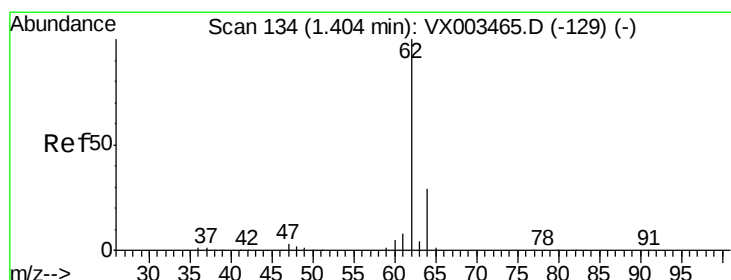
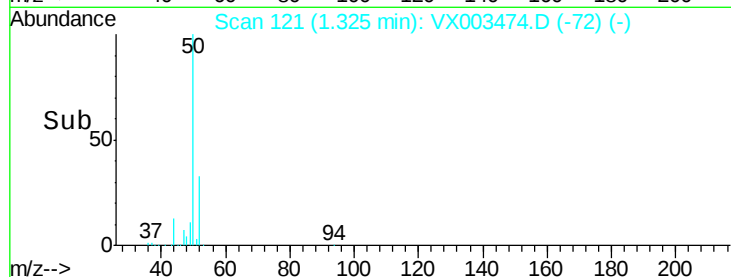
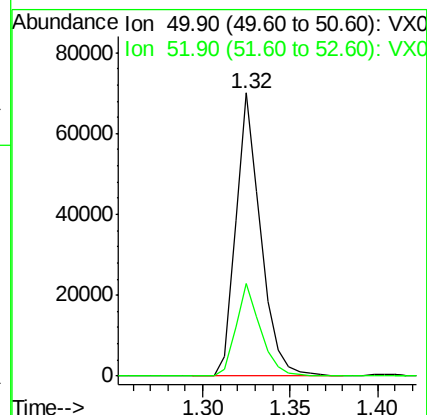
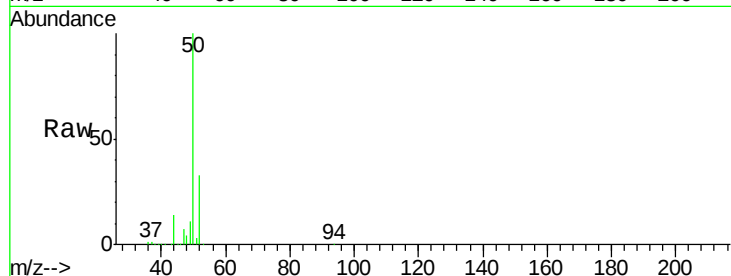
VX0719WBS01

Tot Ion: 50 Resp: 69116

Ion Ratio Lower Upper

50 100

52 32.7 25.7 38.5



#4

Vinyl Chloride

Concen: 19.66 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003474.D

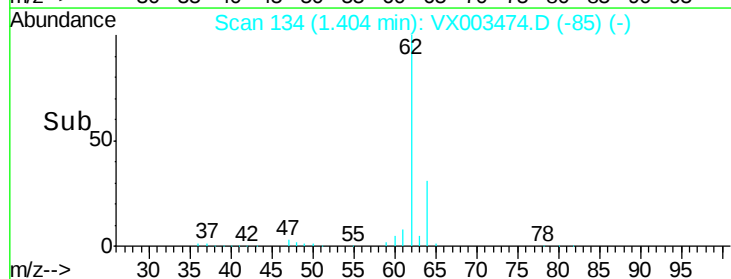
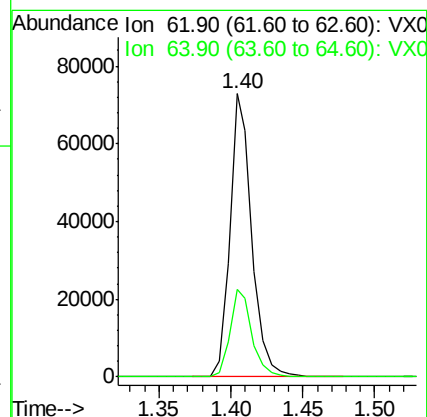
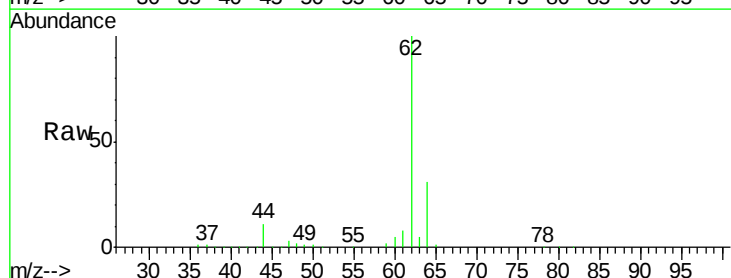
Acq: 19 Jul 2018 20:35

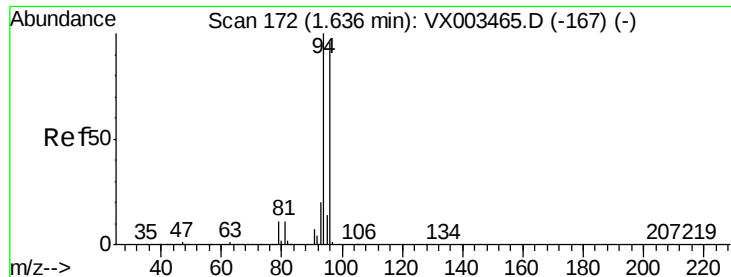
Tgt Ion: 62 Resp: 77742

Ion Ratio Lower Upper

62 100

64 31.1 25.4 38.2





#5

Bromomethane

Concen: 26.09 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

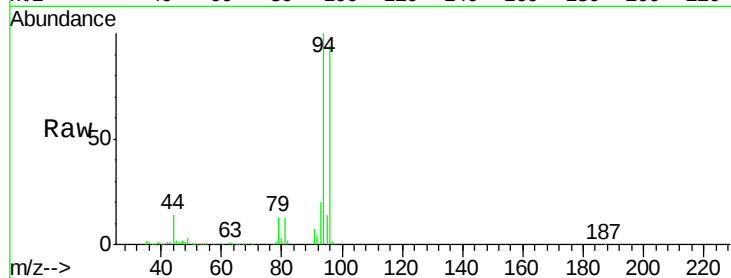
VX0719WBS01

Tot Ion: 94 Resp: 42904

Ion Ratio Lower Upper

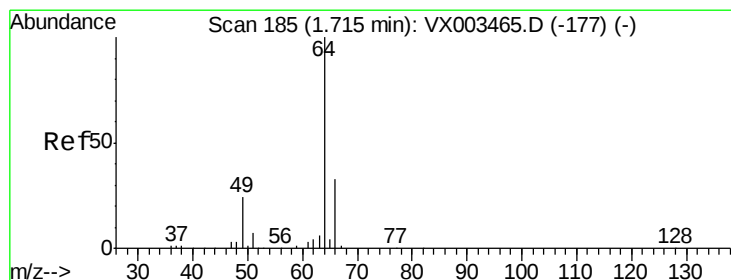
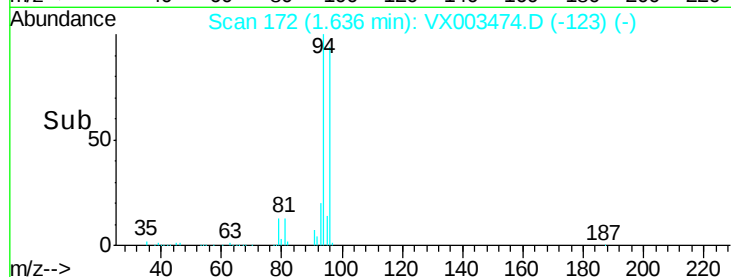
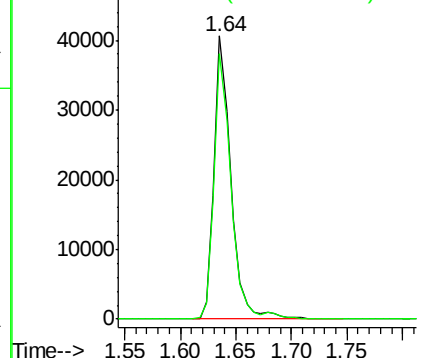
94 100

96 93.7 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.48 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003474.D

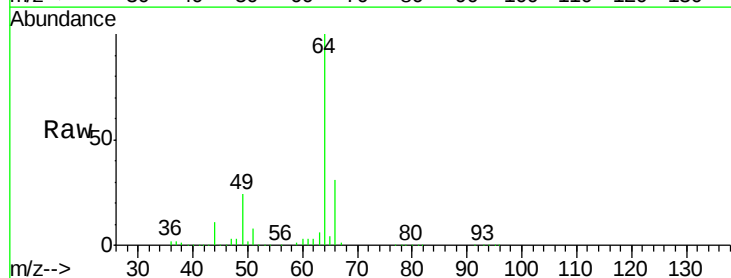
Acq: 19 Jul 2018 20:35

Tgt Ion: 64 Resp: 50254

Ion Ratio Lower Upper

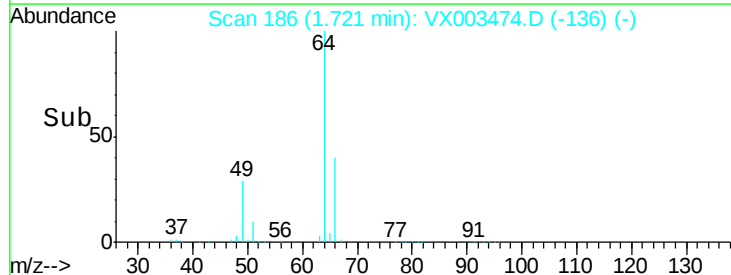
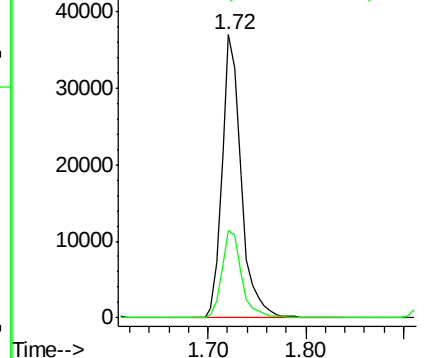
64 100

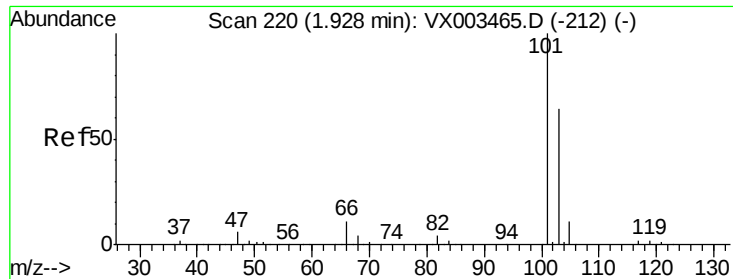
66 31.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 20.48 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

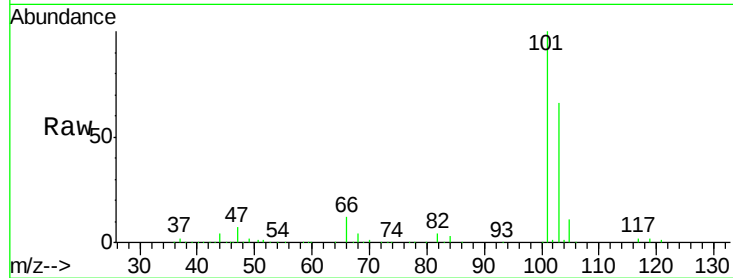
VX0719WBS01

Tot Ion:101 Resp: 108052

Ion Ratio Lower Upper

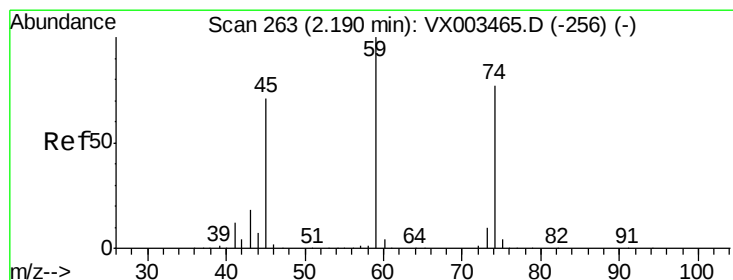
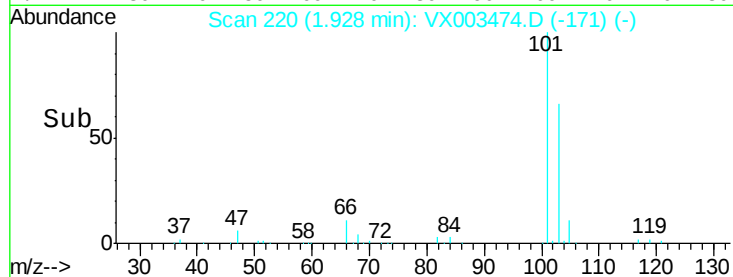
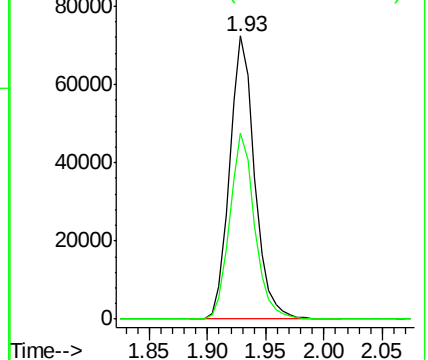
101 100

103 65.8 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 20.35 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX003474.D

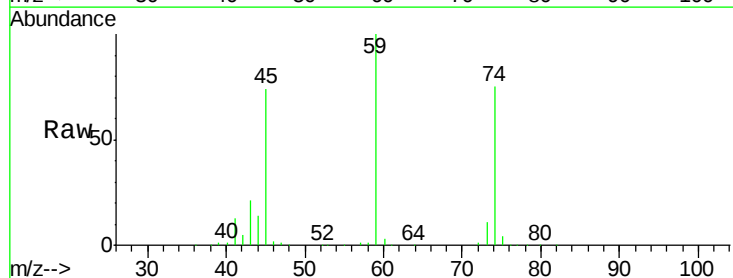
Acq: 19 Jul 2018 20:35

Tgt Ion: 74 Resp: 46113

Ion Ratio Lower Upper

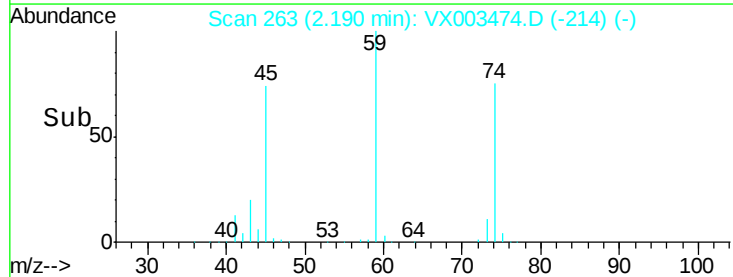
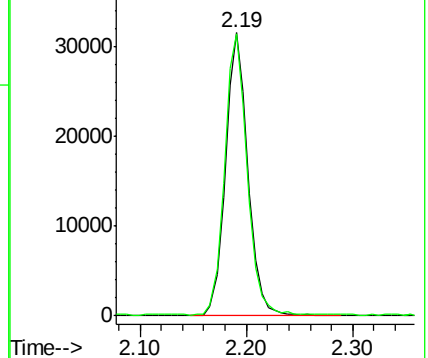
74 100

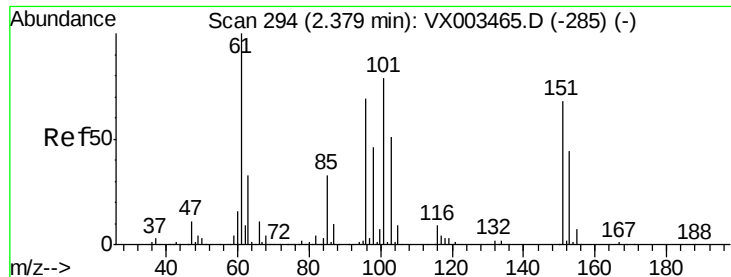
45 99.2 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.61 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

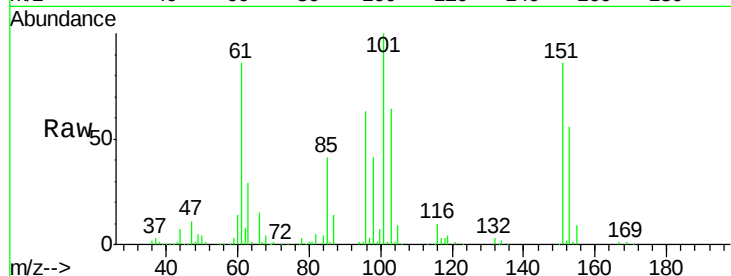
Tot Ion:101 Resp: 67702

Ion Ratio Lower Upper

101 100

85 42.7 36.0 54.0

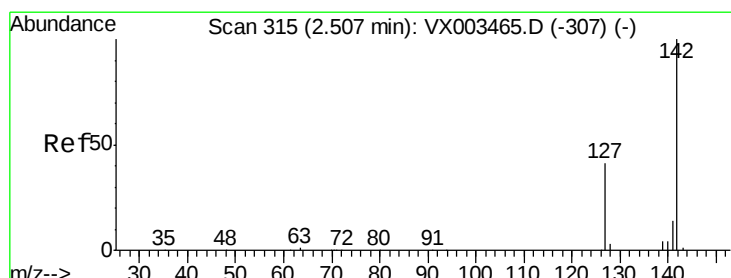
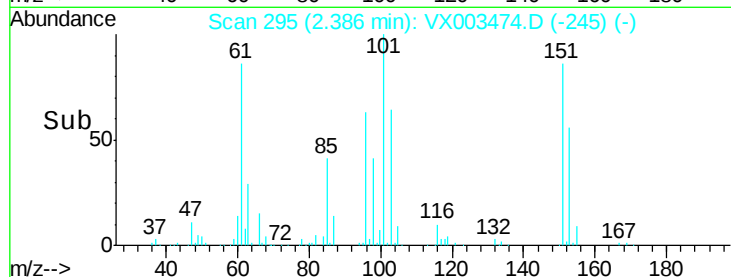
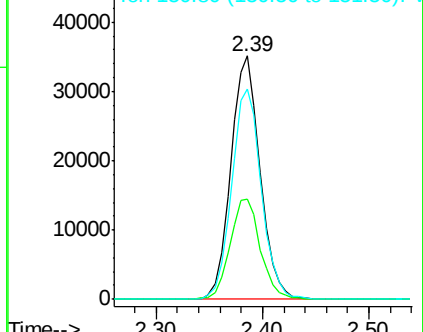
151 87.9 70.9 106.3



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: 17.69 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

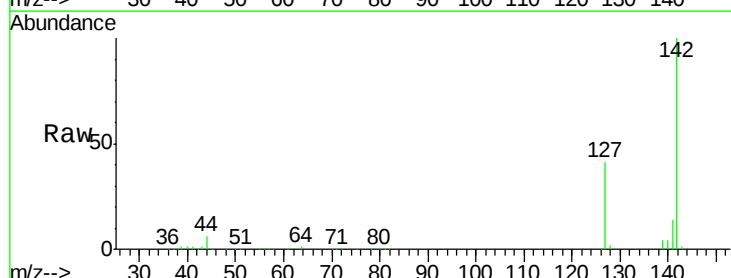
Tgt Ion:142 Resp: 73375

Ion Ratio Lower Upper

142 100

127 41.1 36.6 55.0

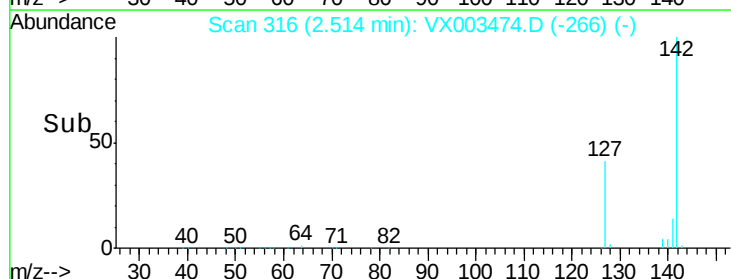
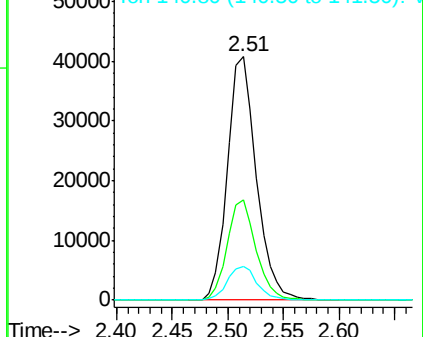
141 14.3 11.3 16.9

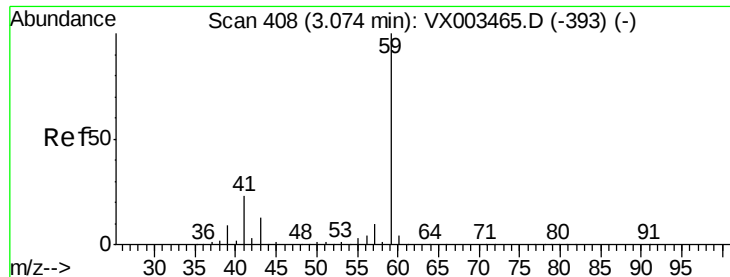


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



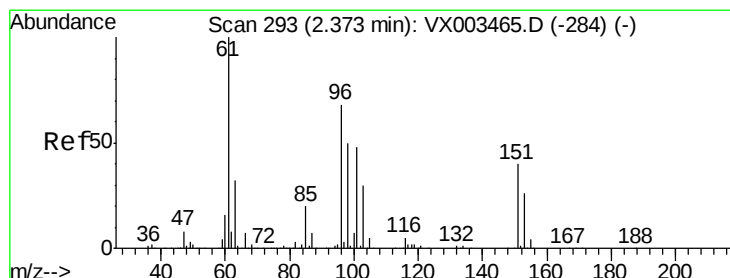
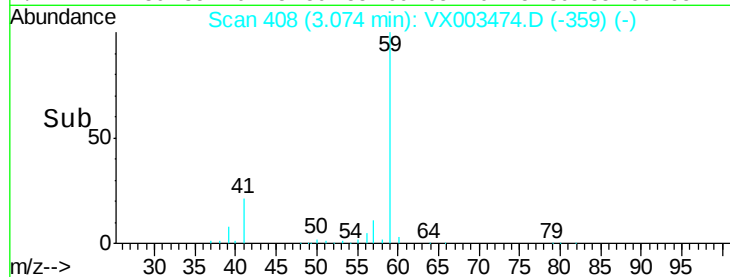
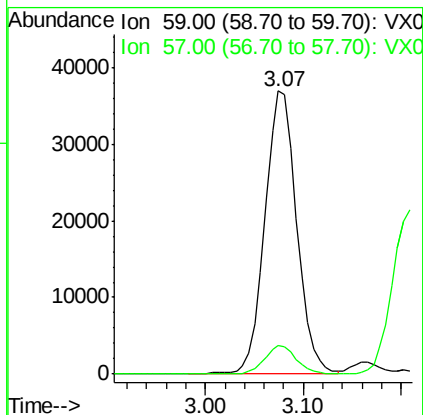
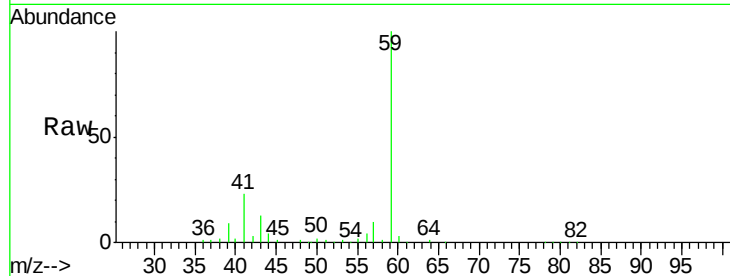


#11

Tert butyl alcohol
 Concen: 114.88 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.00 min
 Lab File: VX003474.D
 Acq: 19 Jul 2018 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBS01

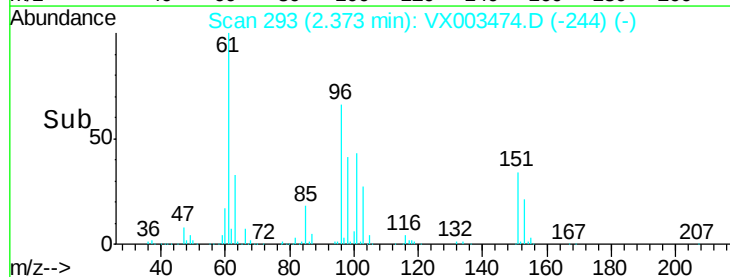
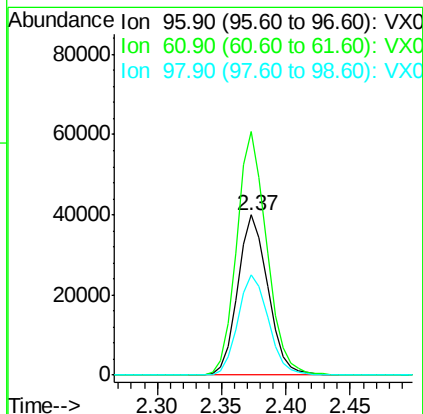
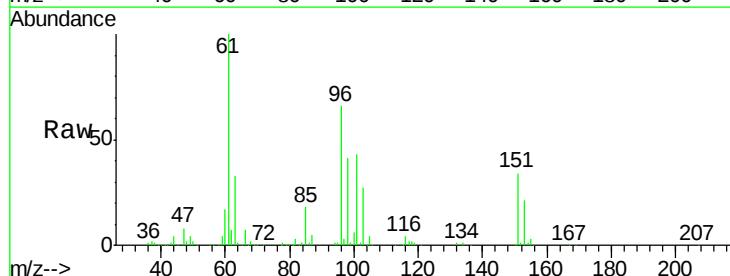
Tot Ion: 59 Resp: 83748
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.2

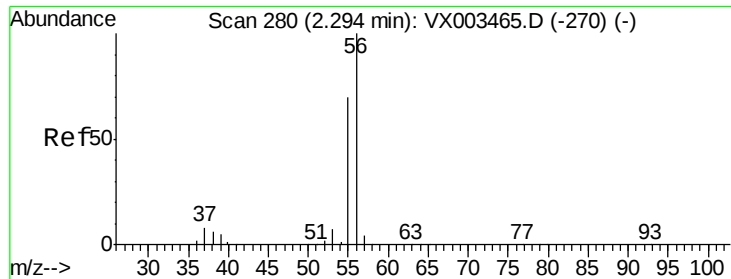


#12

1,1-Dichloroethene
 Concen: 20.45 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX003474.D
 Acq: 19 Jul 2018 20:35

Tgt Ion: 96 Resp: 65014
 Ion Ratio Lower Upper
 96 100
 61 152.2 137.9 206.9
 98 63.1 51.6 77.4

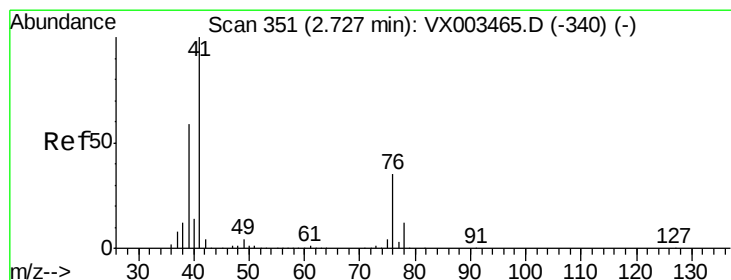
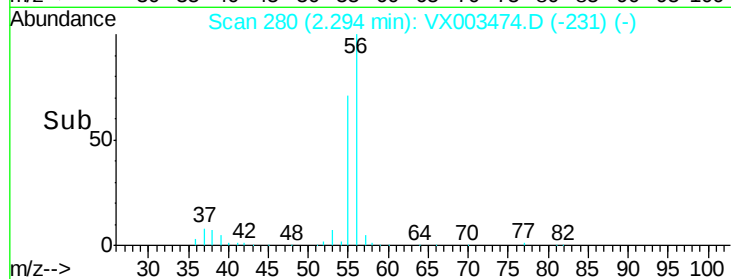
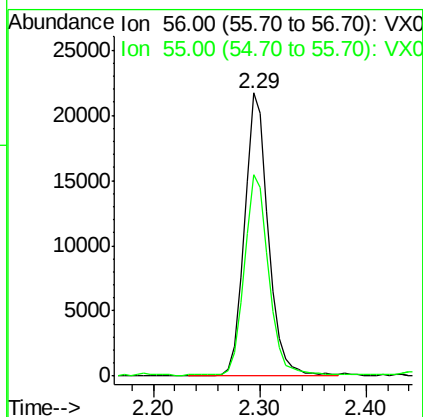
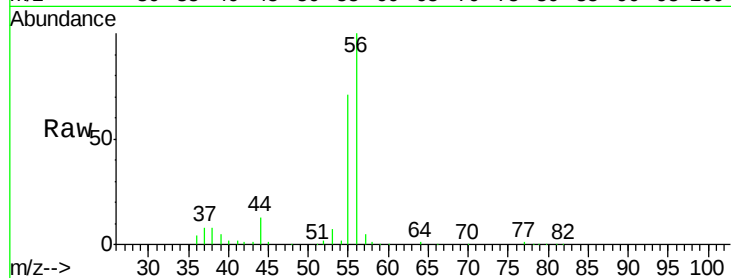




#13
 Acrolein
 Concen: 103.57 ug/l
 RT: 2.29 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX003474.D
 Acq: 19 Jul 2018 20:35

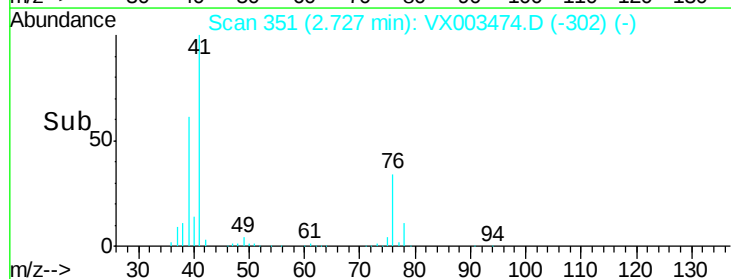
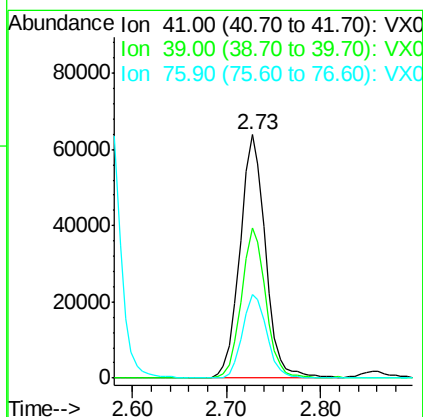
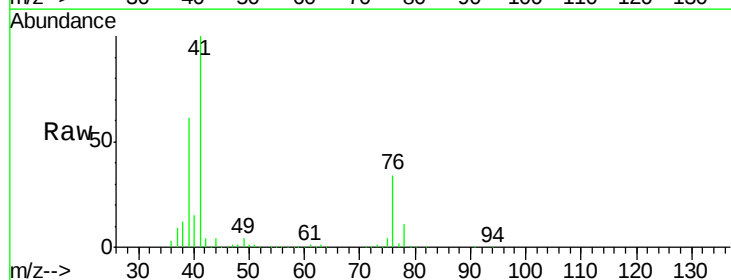
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBS01

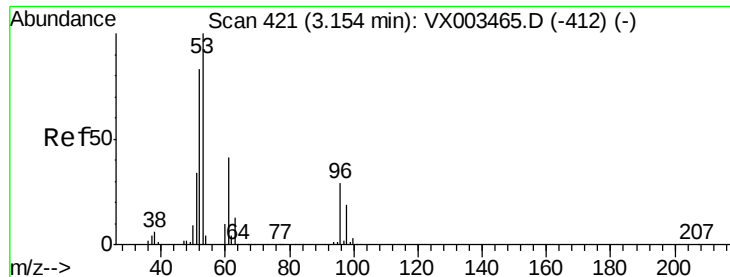
Tot Ion: 56 Resp: 34114
 Ion Ratio Lower Upper
 56 100
 55 72.4 57.0 85.4



#14
 Allyl chloride
 Concen: 21.36 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX003474.D
 Acq: 19 Jul 2018 20:35

Tgt Ion: 41 Resp: 120184
 Ion Ratio Lower Upper
 41 100
 39 58.6 56.8 85.2
 76 33.3 23.8 35.8





#15

Acrylonitrile

Concen: 108.08 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

Instrument :

MSVOA_X

ClientSampled :

VX0719WBS01

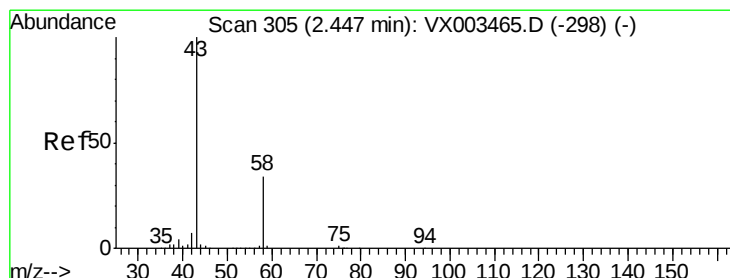
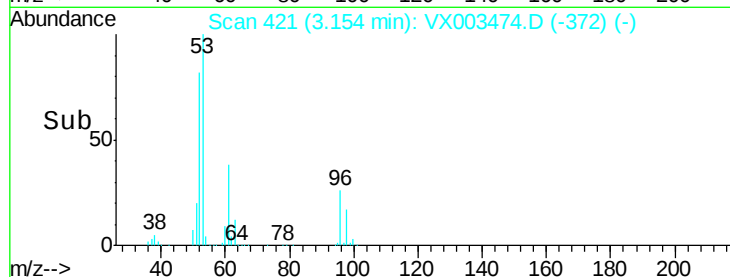
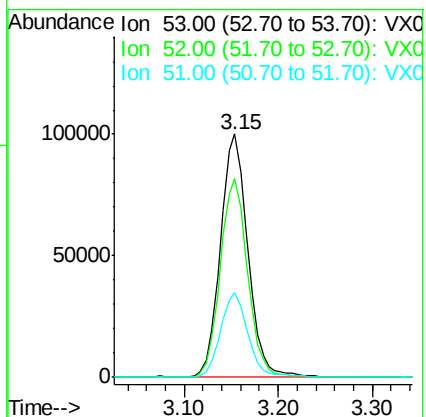
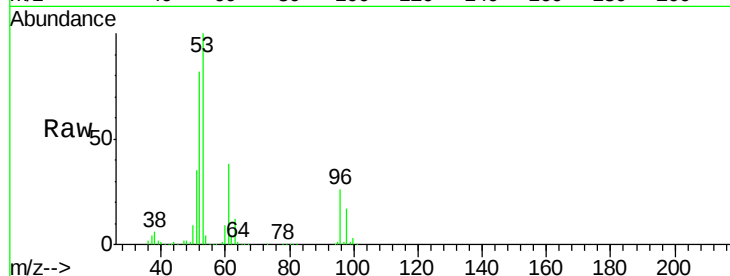
Tot Ion: 53 Resp: 200613

Ion Ratio Lower Upper

53 100

52 81.7 66.7 100.1

51 35.3 29.9 44.9



#16

Acetone

Concen: 113.35 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003474.D

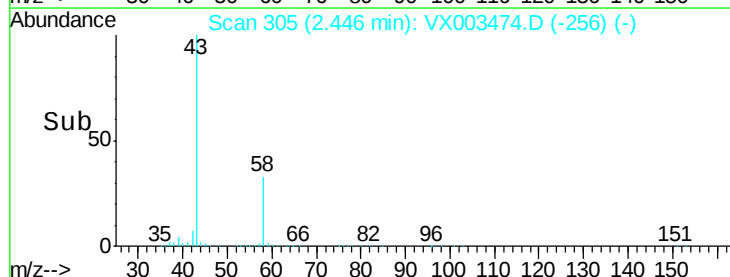
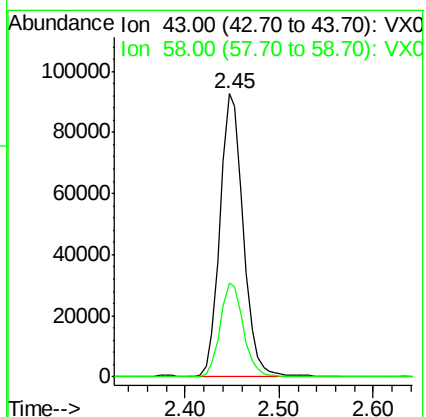
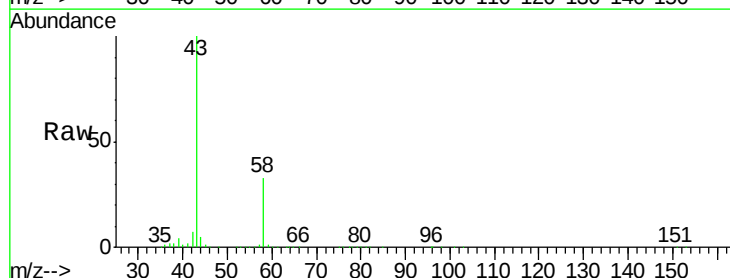
Acq: 19 Jul 2018 20:35

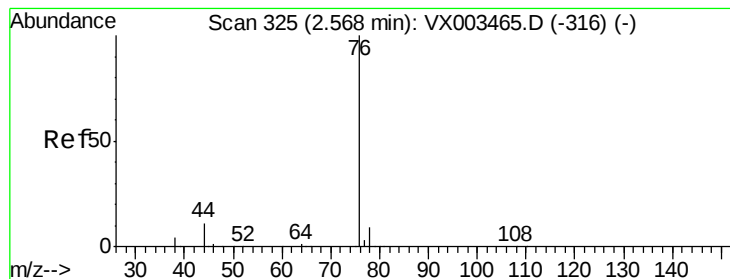
Tgt Ion: 43 Resp: 157745

Ion Ratio Lower Upper

43 100

58 33.5 22.1 33.1#





#17

Carbon Disulfide

Concen: 20.57 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

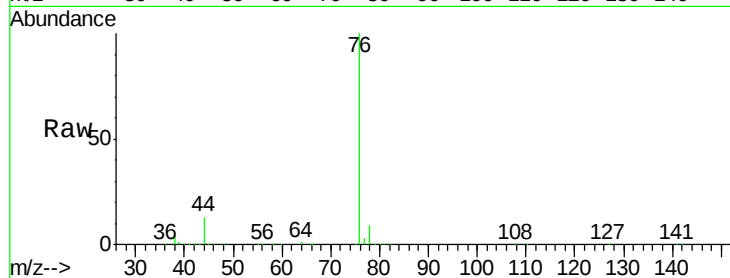
VX0719WBS01

Tot Ion: 76 Resp: 176830

Ion Ratio Lower Upper

76 100

78 9.2 6.9 10.3

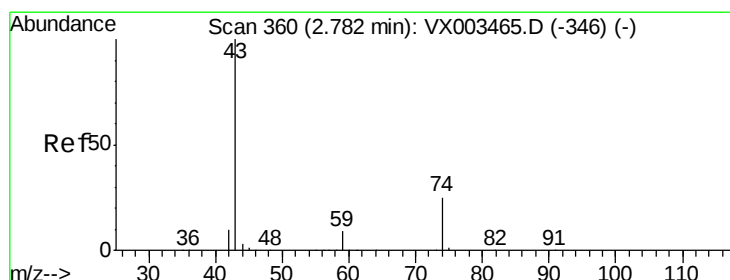
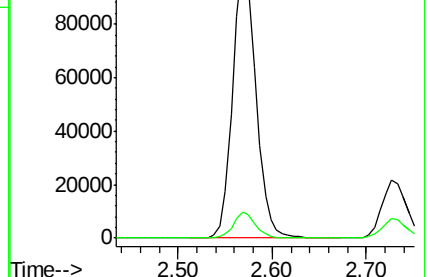
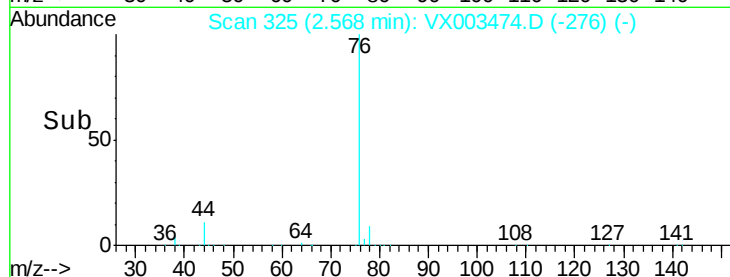


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

Time-->



#18

Methyl Acetate

Concen: 22.36 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX003474.D

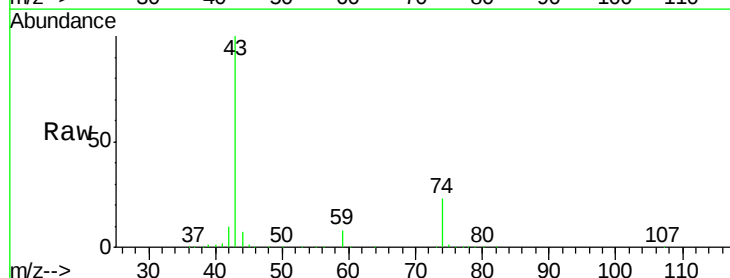
Acq: 19 Jul 2018 20:35

Tgt Ion: 43 Resp: 98081

Ion Ratio Lower Upper

43 100

74 22.9 16.7 25.1

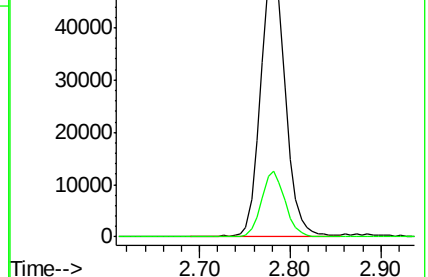
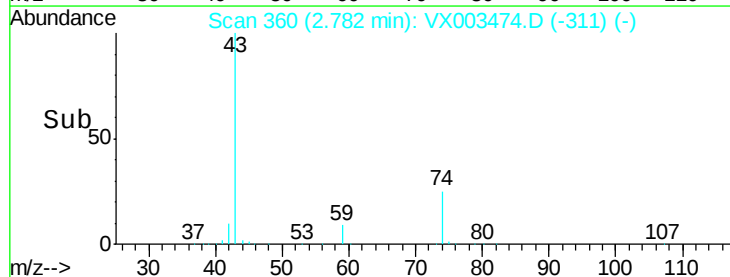


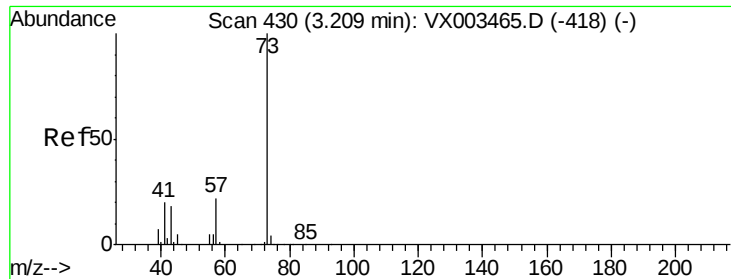
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

Time-->





#19

Methyl tert-butyl Ether

Concen: 21.40 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.00 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

Instrument :

MSVOA_X

ClientSampled :

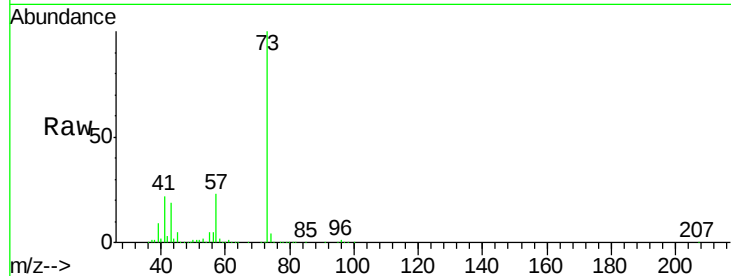
VX0719WBS01

Tot Ion: 73 Resp: 222153

Ion Ratio Lower Upper

73 100

57 22.7 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

100000

80000

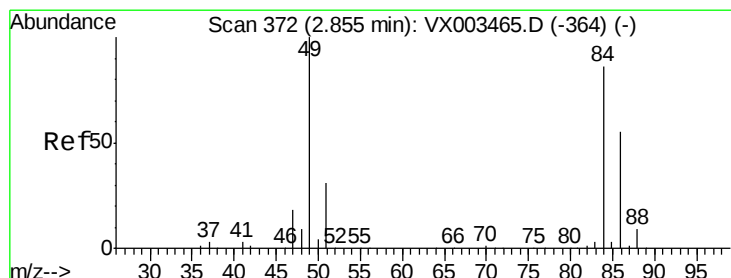
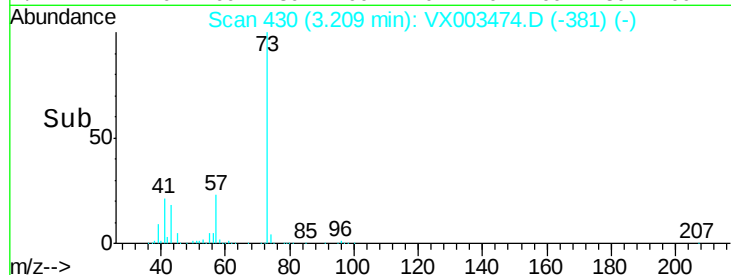
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 21.78 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

Tgt Ion: 84 Resp: 75782

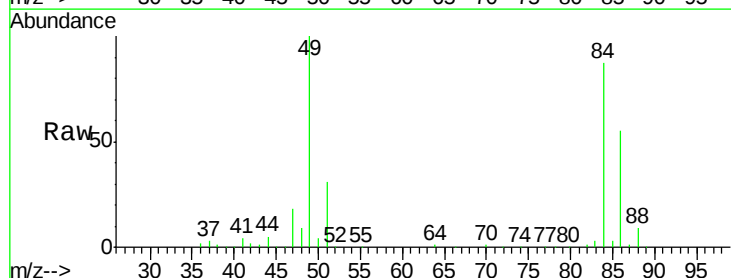
Ion Ratio Lower Upper

84 100

49 115.2 107.8 161.6

51 35.1 32.8 49.2

86 63.5 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

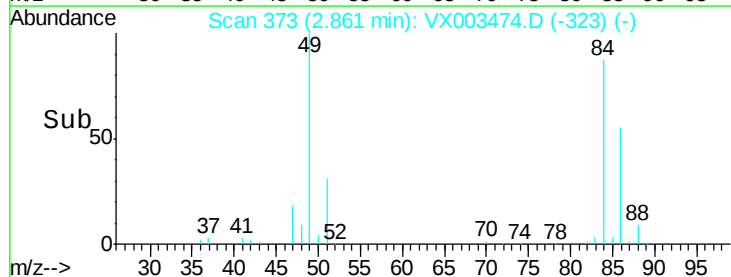
60000

40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 20.09 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

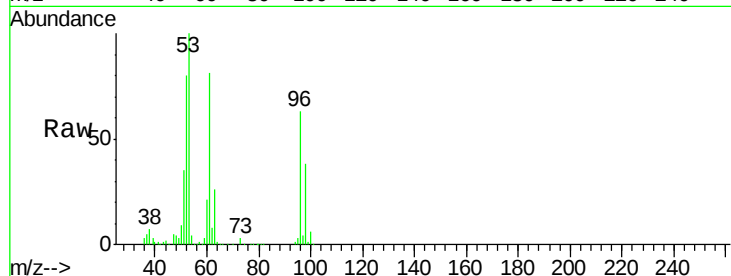
Tot Ion: 96 Resp: 71048

Ion Ratio Lower Upper

96 100

61 129.2 117.0 175.4

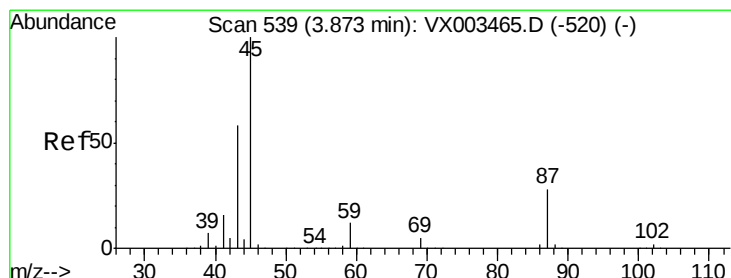
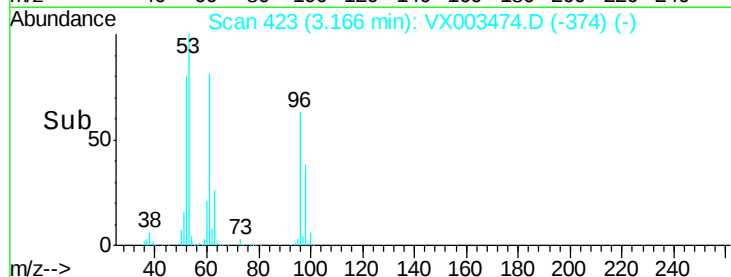
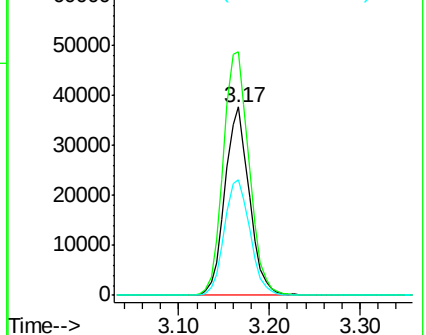
98 61.2 52.4 78.6



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: 21.09 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

Tgt Ion: 45 Resp: 223283

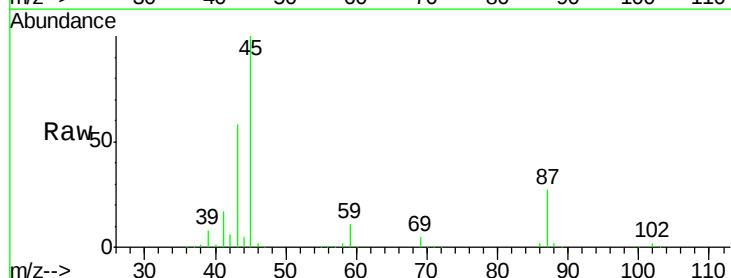
Ion Ratio Lower Upper

45 100

43 57.8 46.8 70.2

87 27.0 20.2 30.4

59 11.5 8.7 13.1

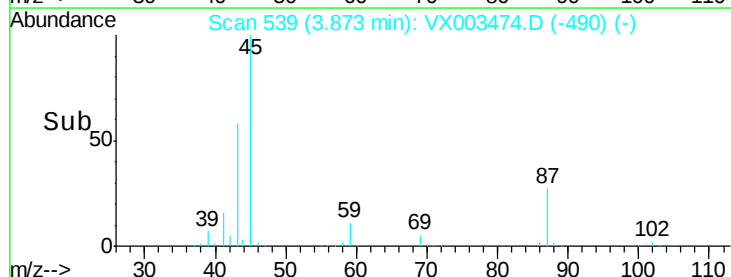
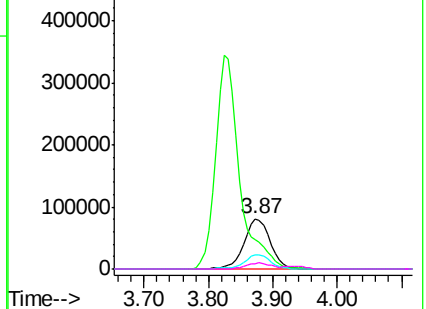


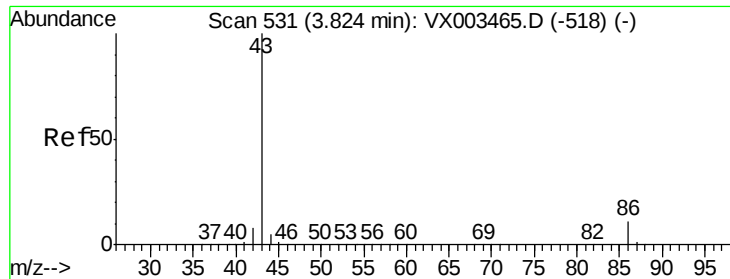
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 103.11 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.00 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

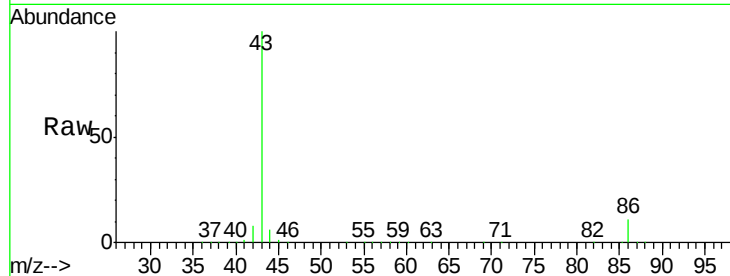
VX0719WBS01

Tot Ion: 43 Resp: 899388

Ion Ratio Lower Upper

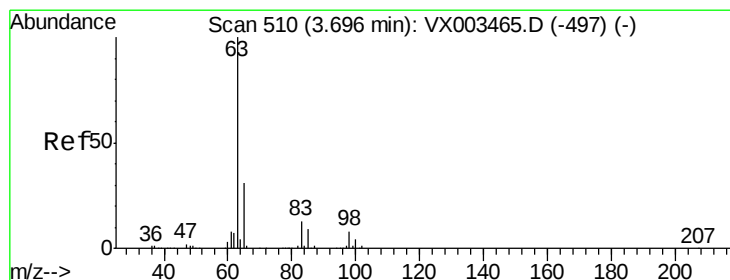
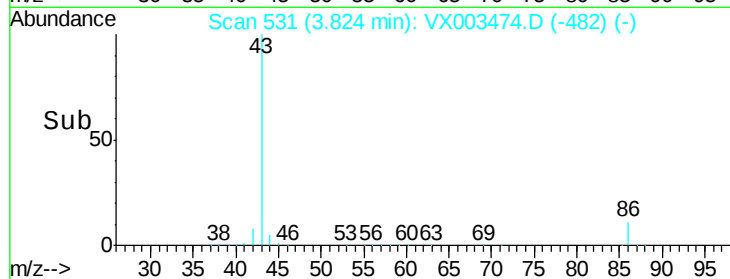
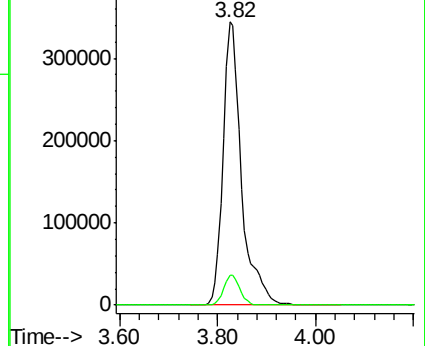
43 100

86 10.7 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.85 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

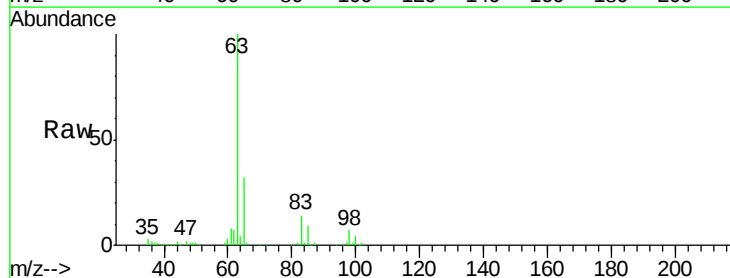
Tgt Ion: 63 Resp: 129525

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

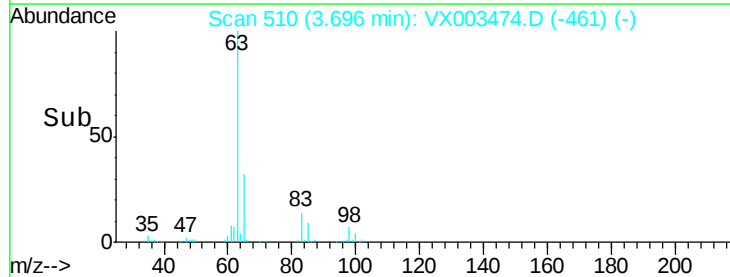
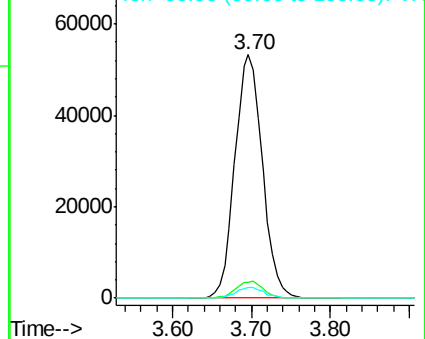
100 4.4 2.0 6.0

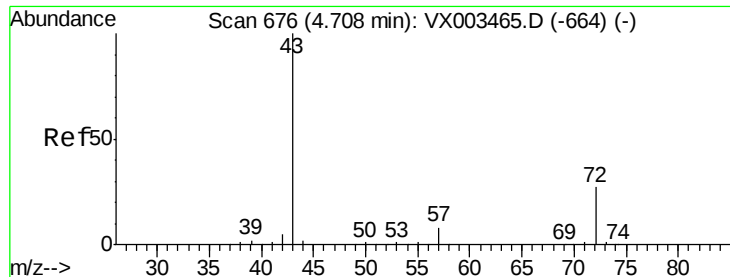


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 107.82 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

Instrument :

MSVOA_X

ClientSampled :

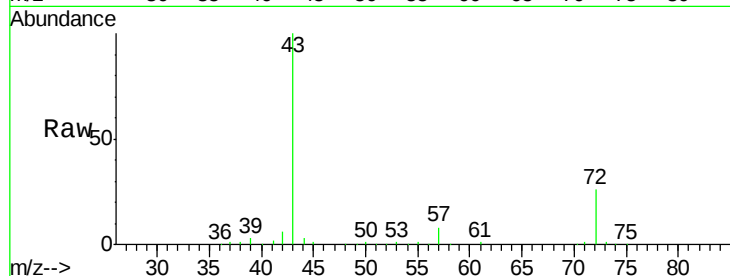
VX0719WBS01

Tot Ion: 43 Resp: 251751

Ion Ratio Lower Upper

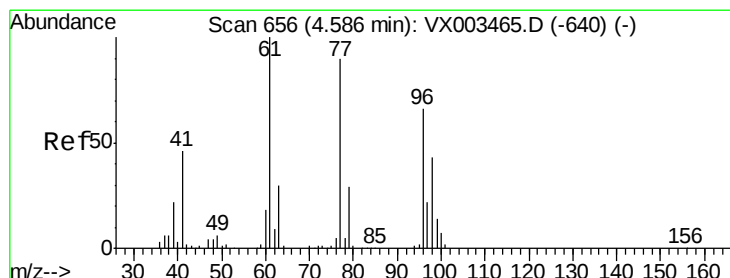
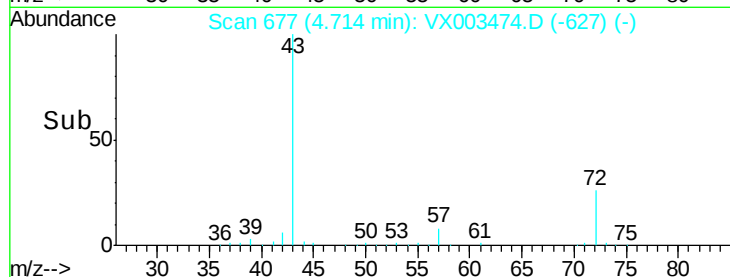
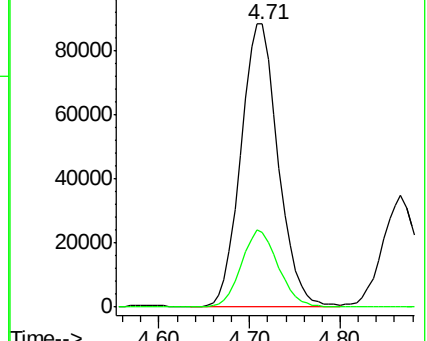
43 100

72 26.4 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.64 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003474.D

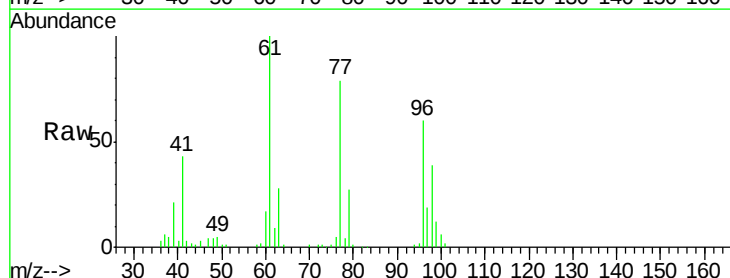
Acq: 19 Jul 2018 20:35

Tgt Ion: 77 Resp: 87937

Ion Ratio Lower Upper

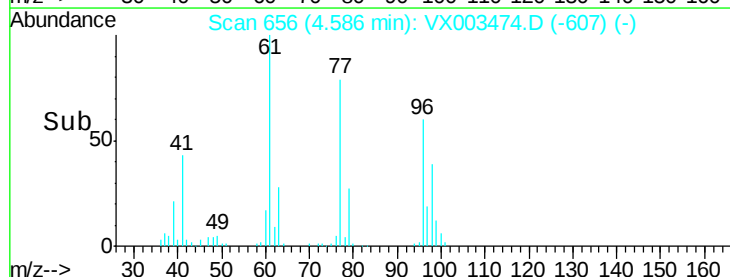
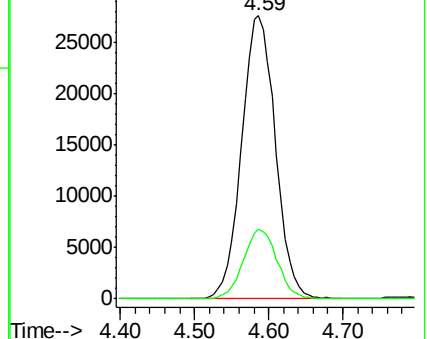
77 100

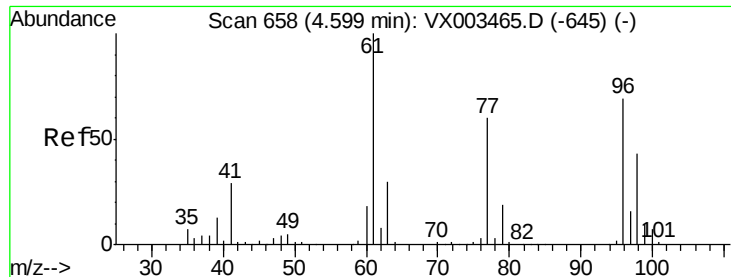
97 24.7 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



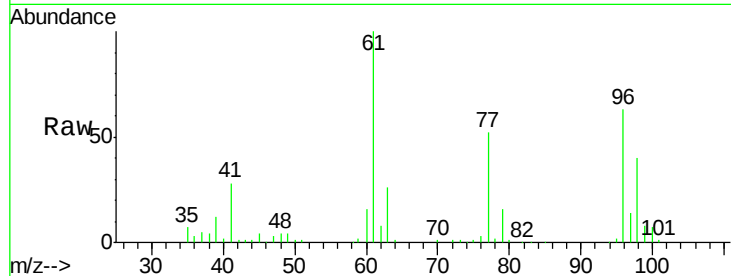


#27

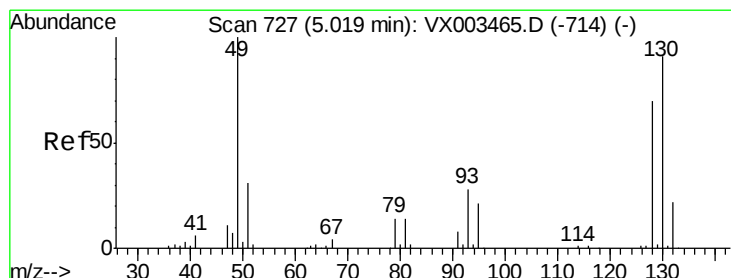
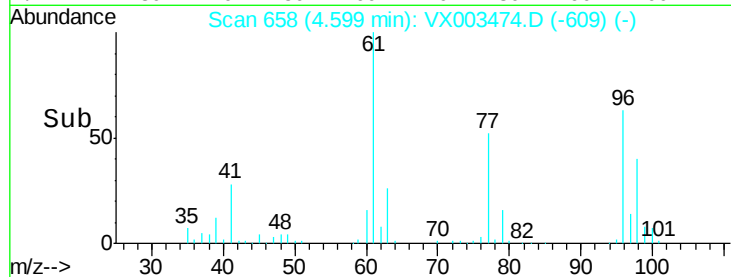
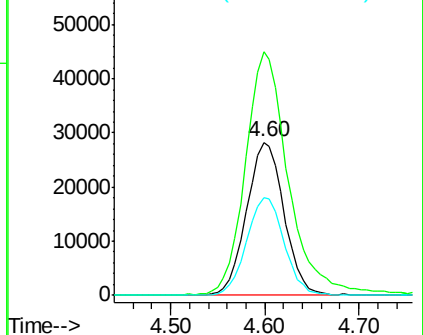
cis-1,2-Dichloroethene
Concen: 19.98 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX003474.D
Acq: 19 Jul 2018 20:35

Instrument :
MSVOA_X
ClientSampleId :
VX0719WBS01

Tot Ion: 96 Resp: 78674
Ion Ratio Lower Upper
96 100
61 182.4 0.0 330.2
98 64.1 0.0 130.2



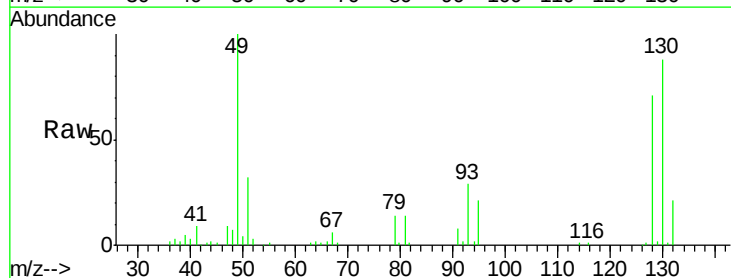
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



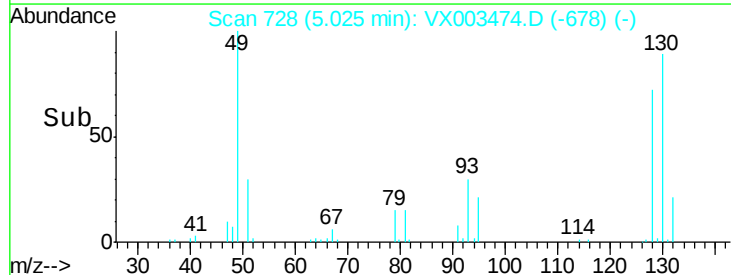
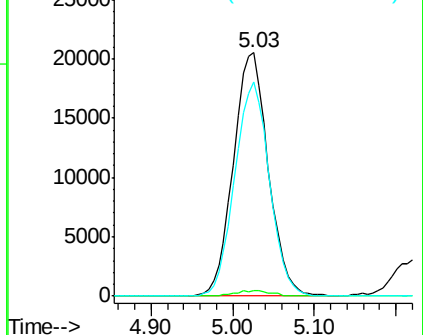
#28

Bromochloromethane
Concen: 22.42 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.01 min
Lab File: VX003474.D
Acq: 19 Jul 2018 20:35

Tgt Ion: 49 Resp: 60880
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.2
130 87.5 61.2 91.8



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

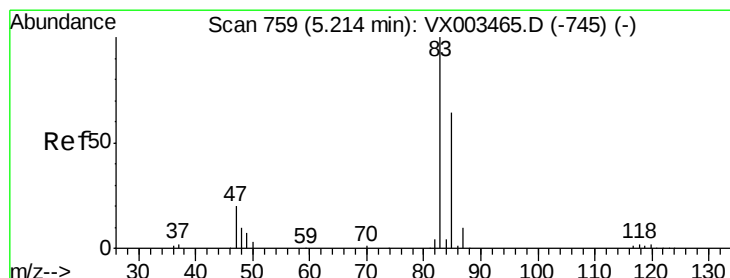
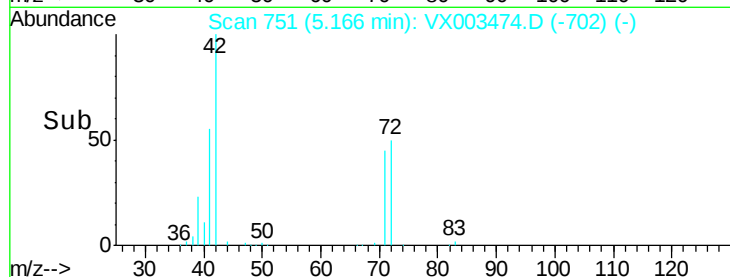
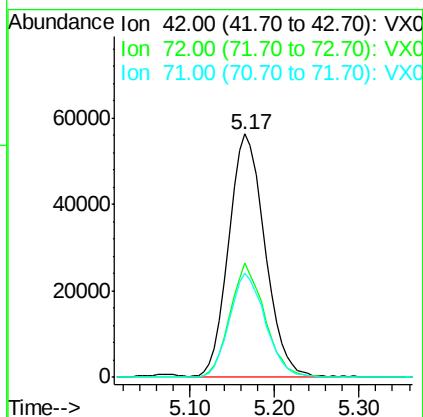
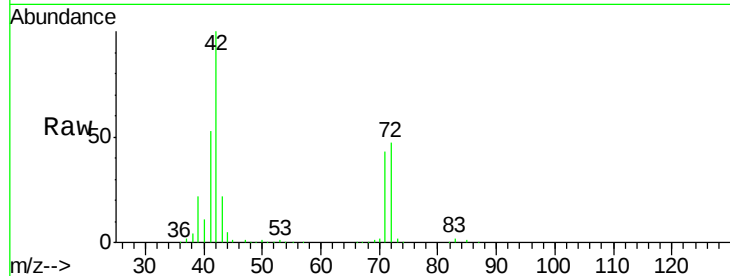




#29
Tetrahydrofuran
Concen: 106.07 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX003474.D
Acq: 19 Jul 2018 20:35

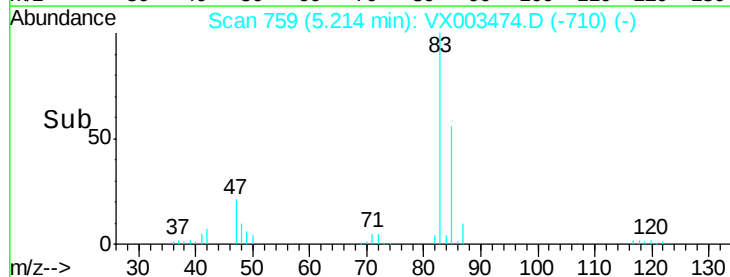
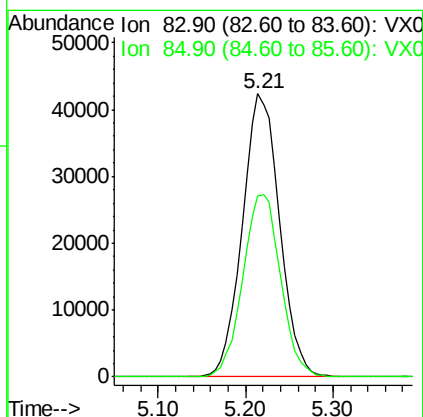
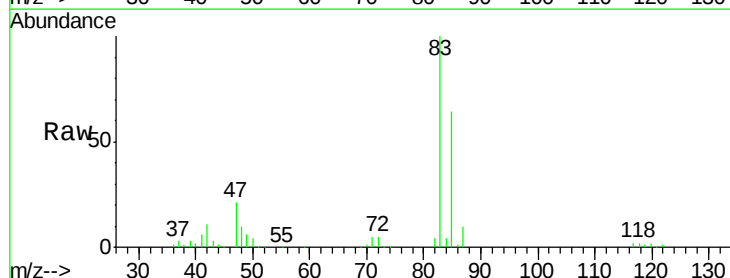
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBS01

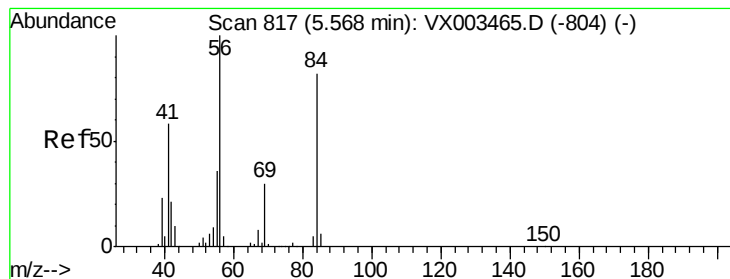
Tot Ion: 42 Resp: 163599
Ion Ratio Lower Upper
42 100
72 45.5 32.0 48.0
71 42.4 30.1 45.1



#30
Chloroform
Concen: 20.71 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX003474.D
Acq: 19 Jul 2018 20:35

Tgt Ion: 83 Resp: 125654
Ion Ratio Lower Upper
83 100
85 63.9 50.4 75.6





#31

Cyclohexane

Concen: 19.95 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

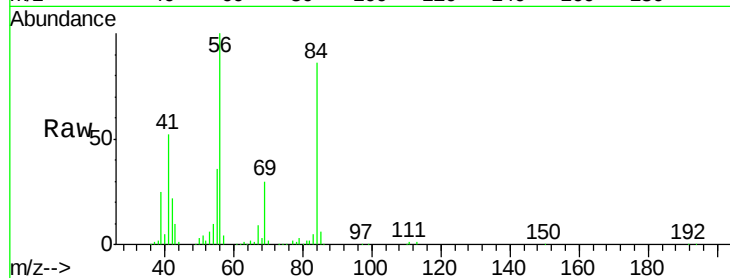
Tot Ion: 56 Resp: 110745

Ion Ratio Lower Upper

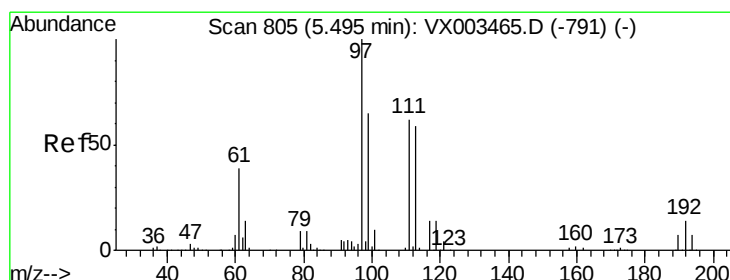
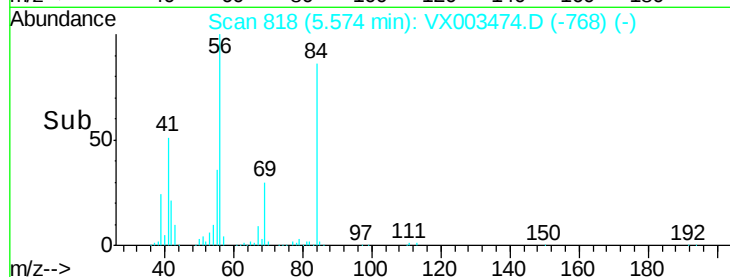
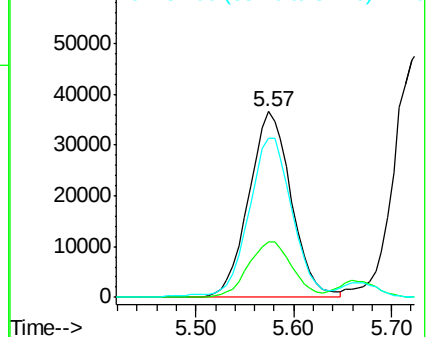
56 100

69 30.2 23.7 35.5

84 84.2 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 20.75 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

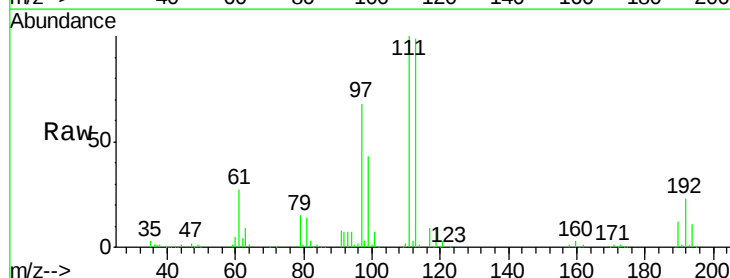
Tgt Ion: 97 Resp: 107812

Ion Ratio Lower Upper

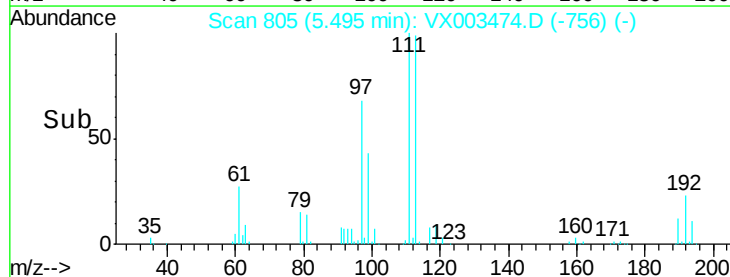
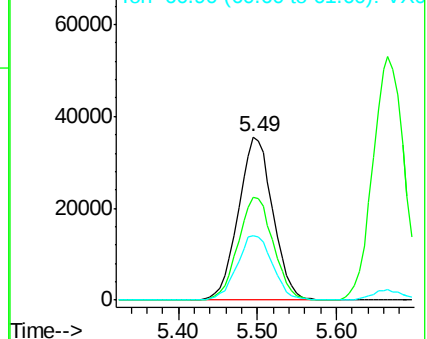
97 100

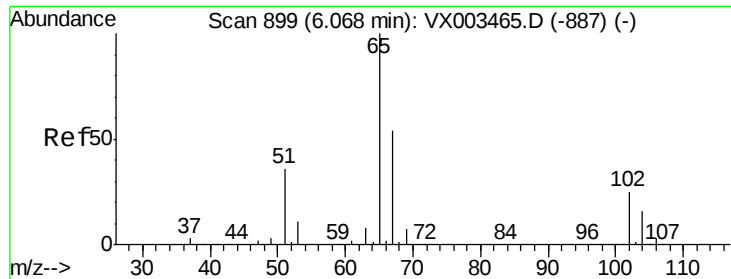
99 64.4 51.6 77.4

61 41.1 36.4 54.6



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





#33

1,2-Dichloroethane-d4

Concen: 54.00 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

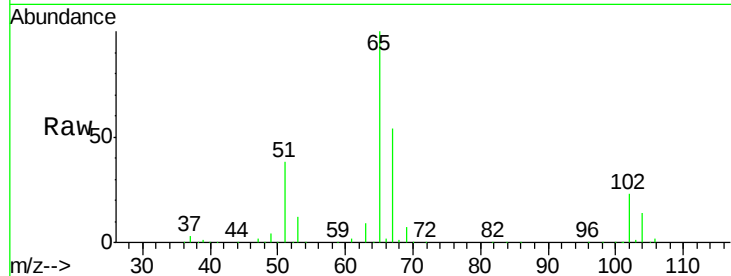
VX0719WBS01

Tot Ion: 65 Resp: 198943

Ion Ratio Lower Upper

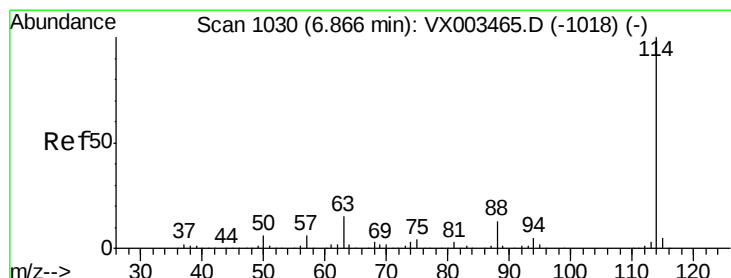
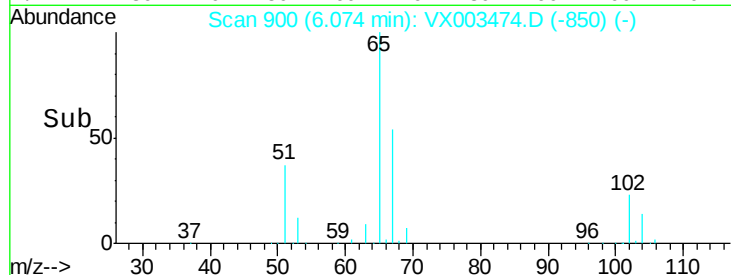
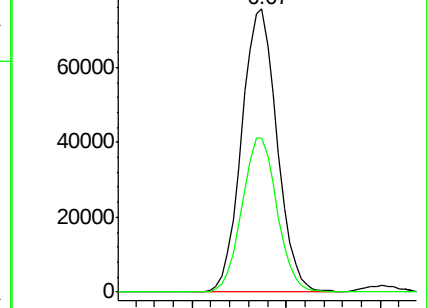
65 100

67 54.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

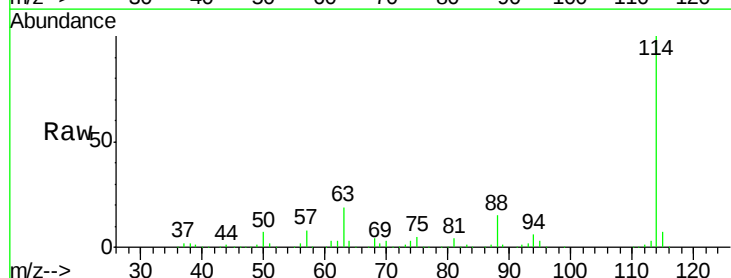
Tgt Ion: 114 Resp: 446112

Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.4

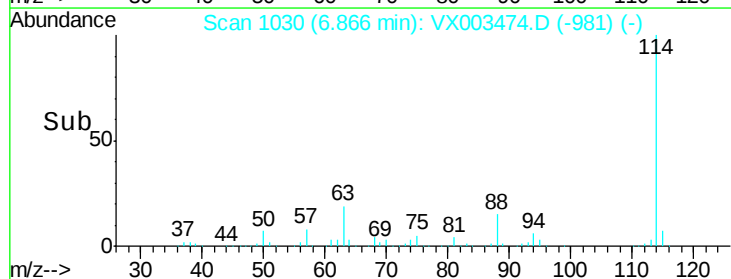
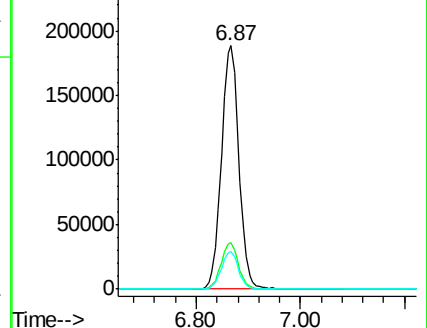
88 15.4 0.0 30.0

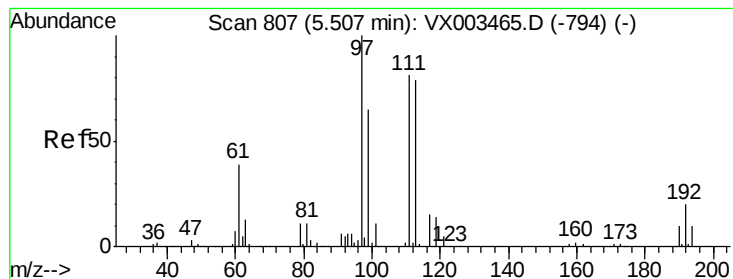


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.00 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

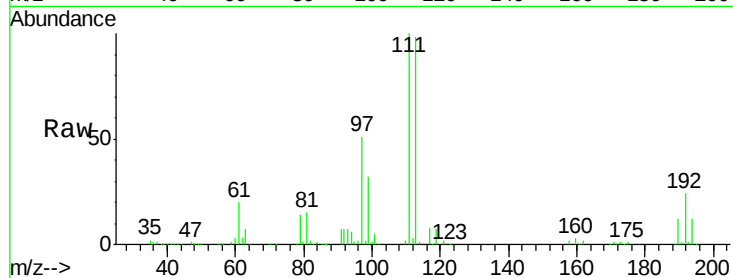
Tot Ion:113 Resp: 176692

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

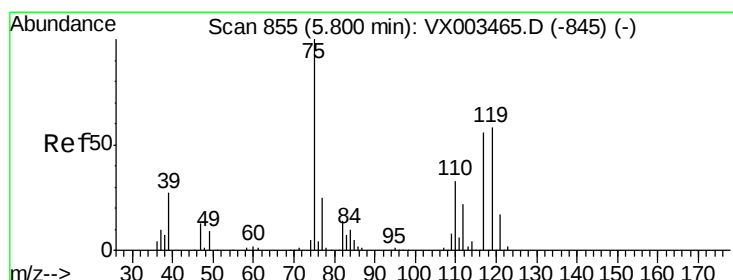
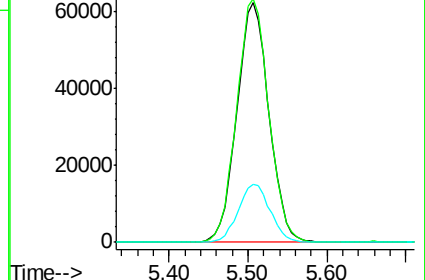
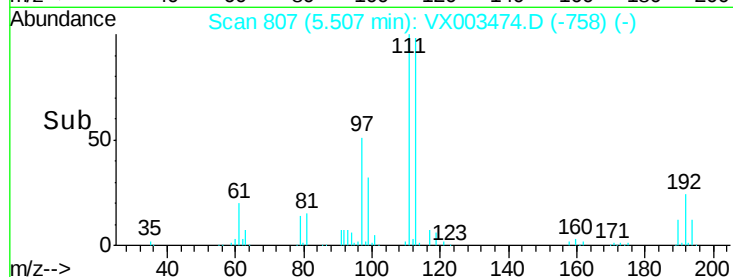
192 24.1 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.39 ug/l

RT: 5.81 min Scan# 855

Delta R.T. 0.01 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

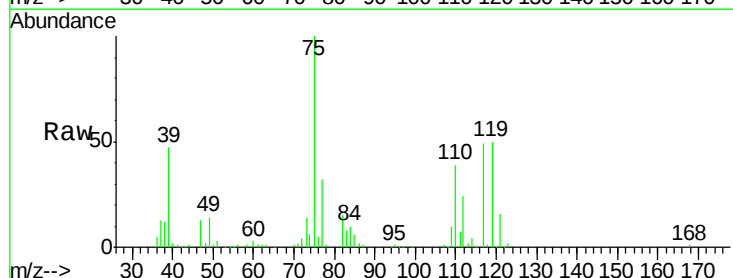
Tgt Ion: 75 Resp: 93406

Ion Ratio Lower Upper

75 100

110 38.7 18.1 54.4

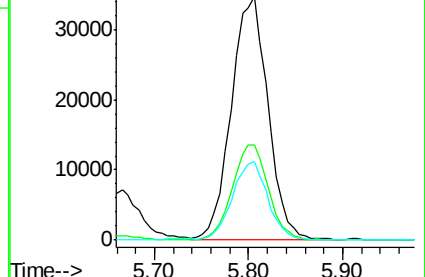
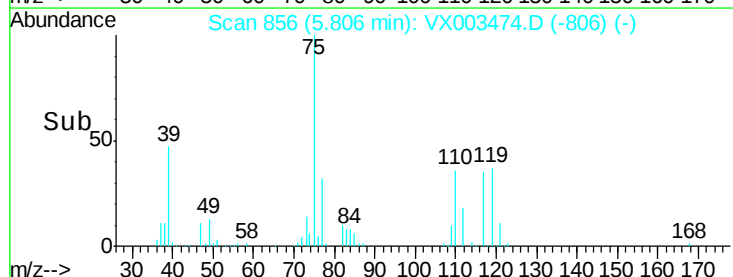
77 31.6 24.3 36.5

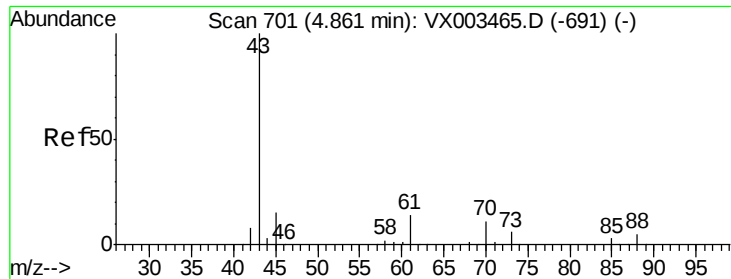


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

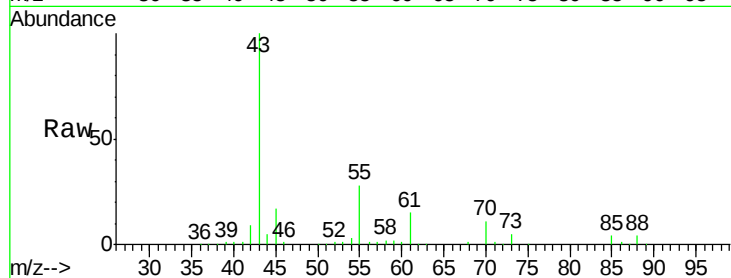




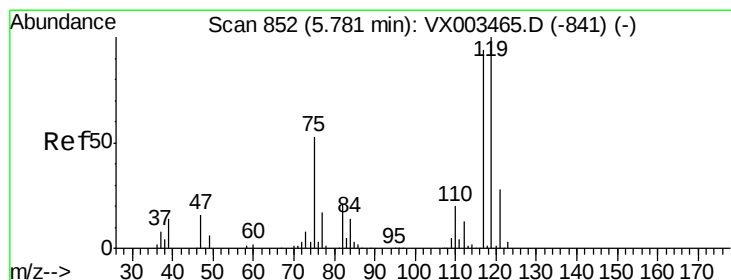
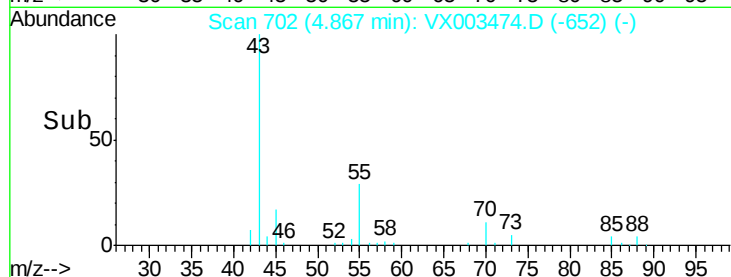
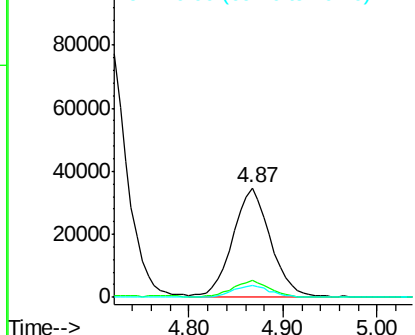
#37
Ethyl Acetate
Concen: 21.08 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.01 min
Lab File: VX003474.D
Acq: 19 Jul 2018 20:35

Instrument :
MSVOA_X
ClientSampleId :
VX0719WBS01

Tot Ion: 43 Resp: 96085
Ion Ratio Lower Upper
43 100
61 15.2 10.4 15.6
70 11.0 7.6 11.4

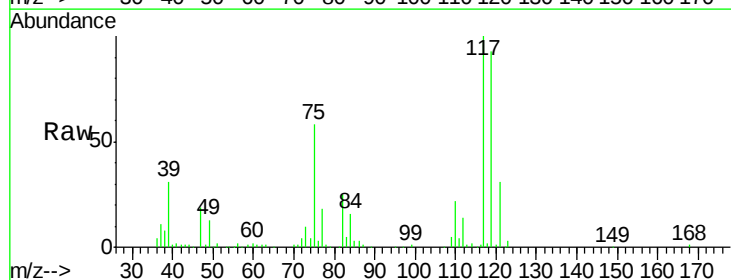


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

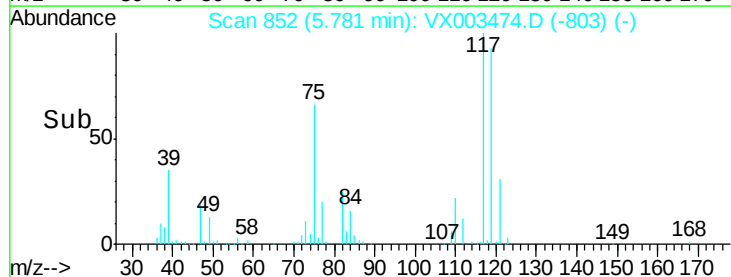
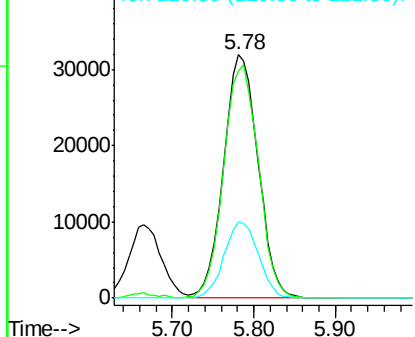


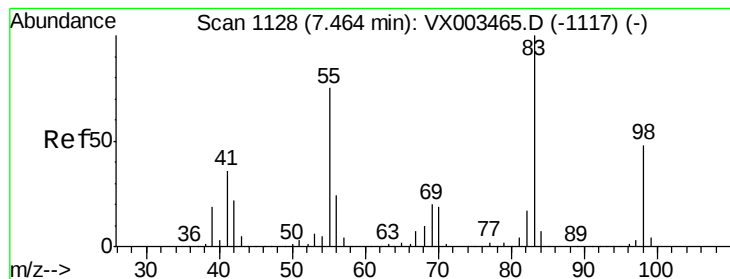
#38
Carbon Tetrachloride
Concen: 19.74 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.00 min
Lab File: VX003474.D
Acq: 19 Jul 2018 20:35

Tgt Ion: 117 Resp: 93283
Ion Ratio Lower Upper
117 100
119 93.4 77.4 116.0
121 31.2 24.4 36.6



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

Methylvlcvclohexane

Concen: 19.36 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

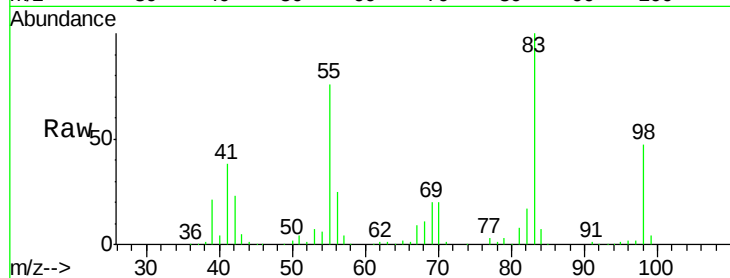
Tot Ion: 83 Resp: 110426

Ion Ratio Lower Upper

83 100

55 75.8 65.4 98.0

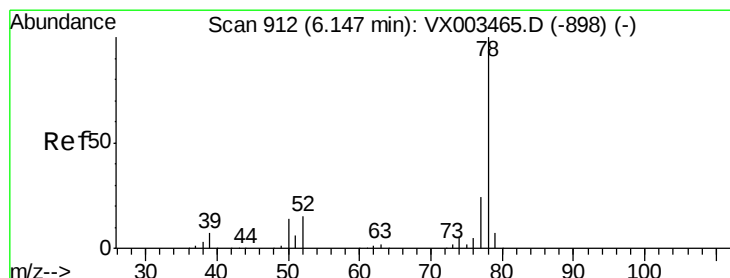
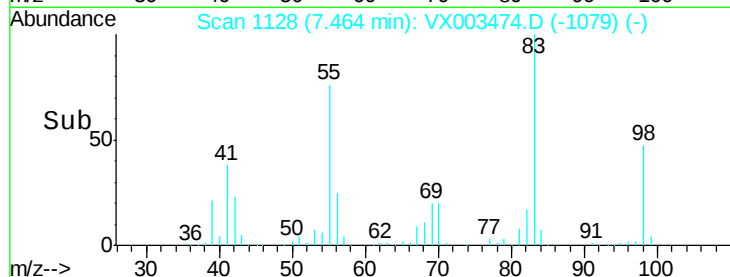
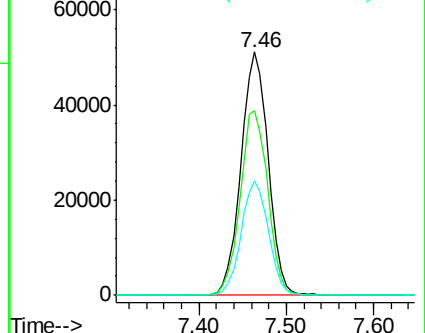
98 47.0 37.4 56.0



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: 20.26 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX003474.D

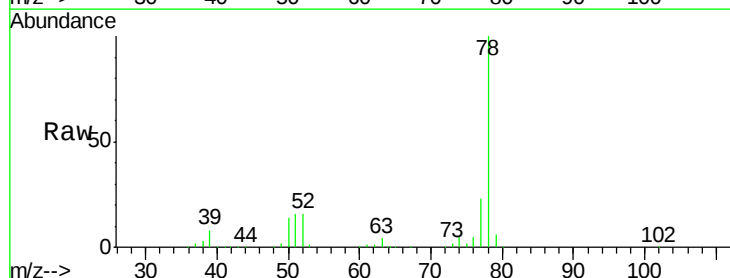
Acq: 19 Jul 2018 20:35

Tgt Ion: 78 Resp: 294640

Ion Ratio Lower Upper

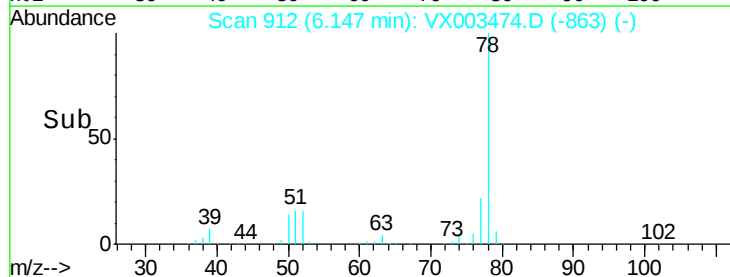
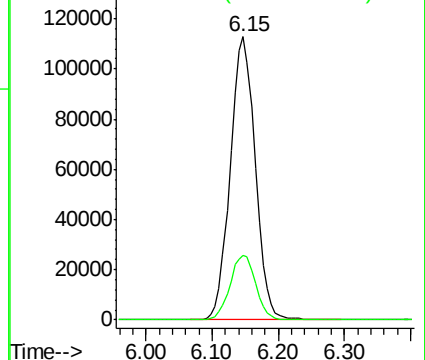
78 100

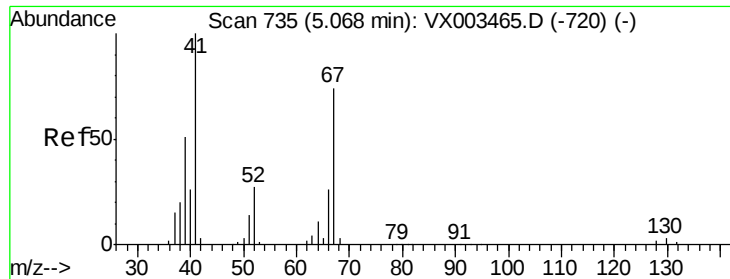
77 22.7 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

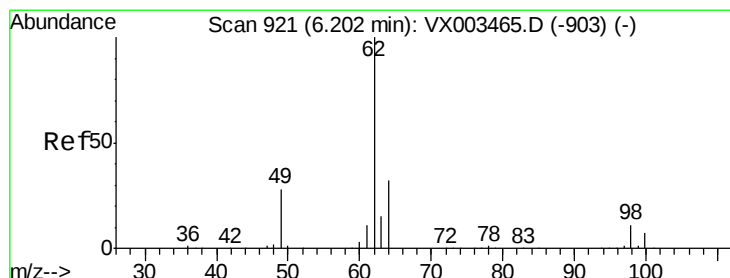
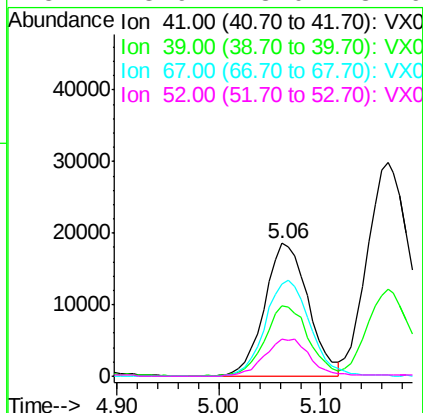
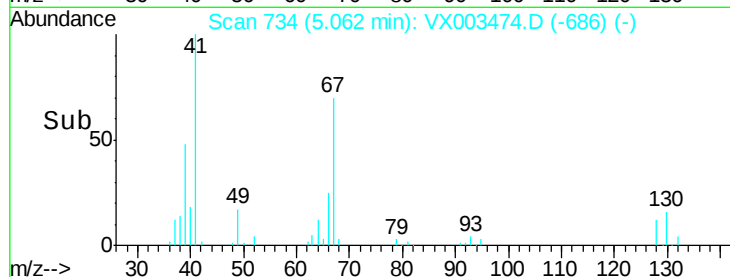
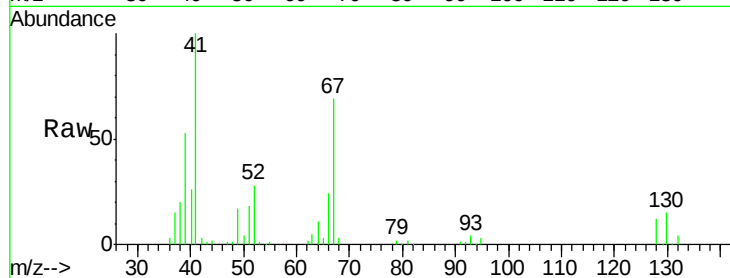




#41
Methacrylonitrile
Concen: 20.67 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003474.D
Acq: 19 Jul 2018 20:35

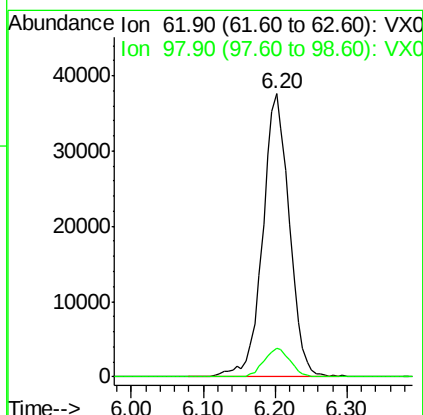
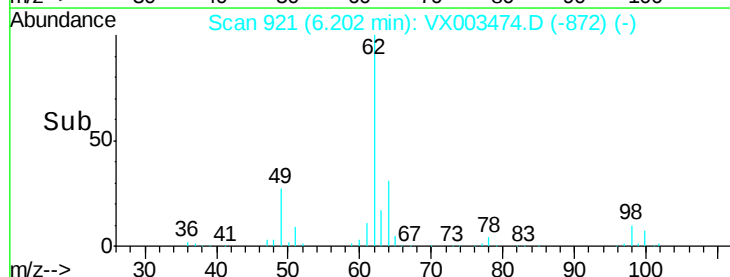
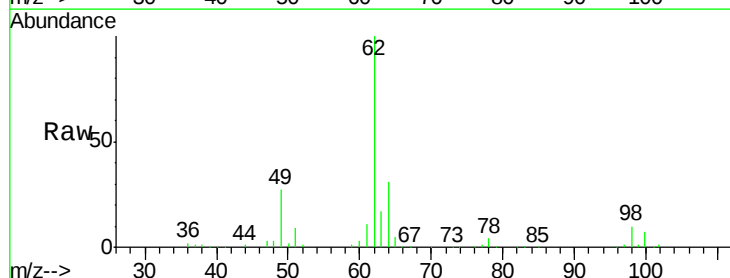
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBS01

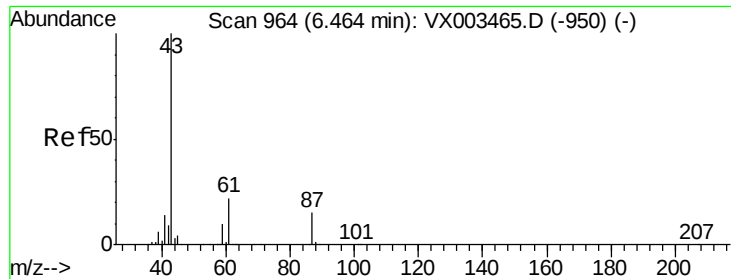
Tot Ion:	41	Resp:	55375
Ion	Ratio	Lower	Upper
41	100		
39	53.0	45.8	68.6
67	73.6	51.3	76.9
52	28.9	23.0	34.6



#42
1,2-Dichloroethane
Concen: 21.05 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003474.D
Acq: 19 Jul 2018 20:35

Tgt Ion:	62	Resp:	96461
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	16.6



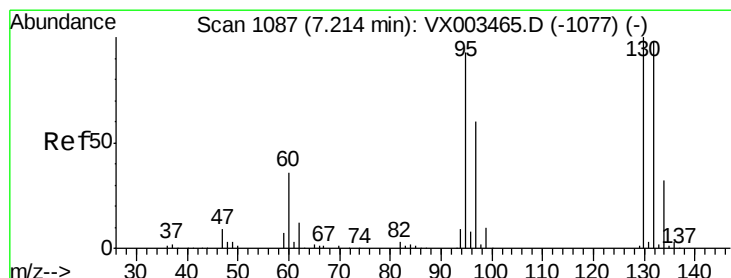
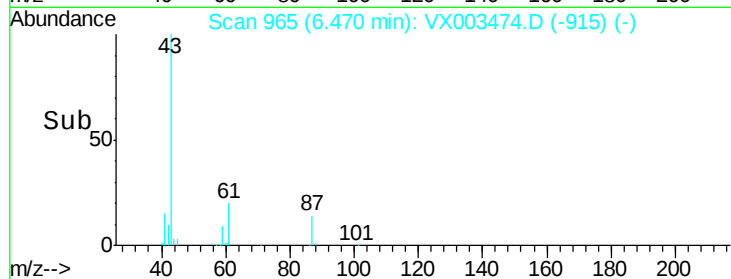
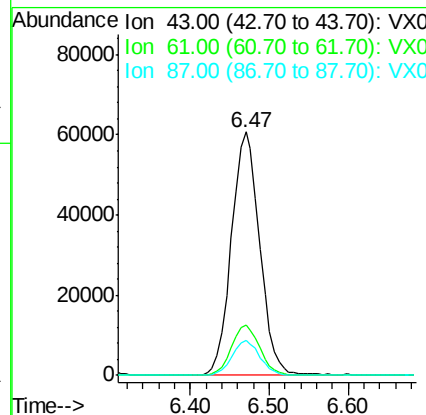
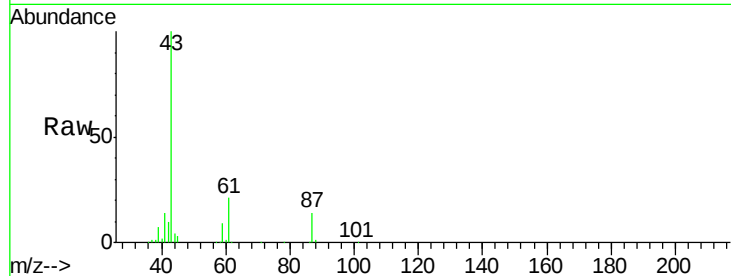


#43

Isopropyl Acetate
 Concen: 20.83 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: VX003474.D
 Acq: 19 Jul 2018 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBS01

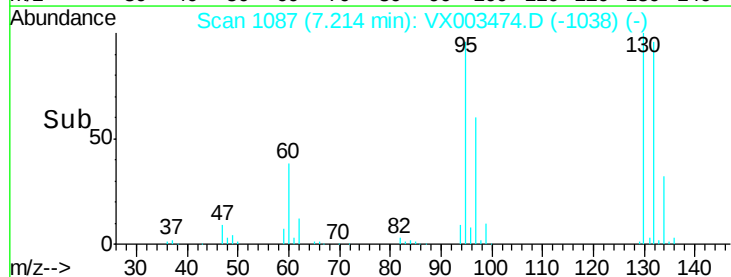
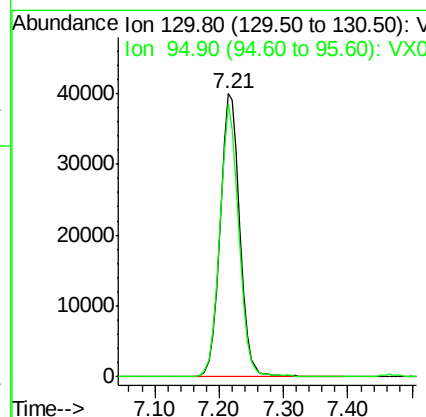
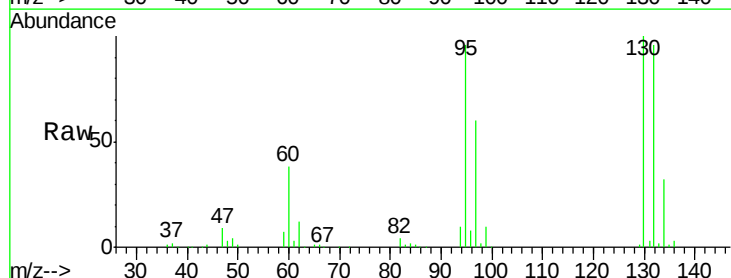
Tot Ion	43	Resp	150998
Ion Ratio	Lower	Upper	
43	100		
61	20.9	14.4	21.6
87	14.2	9.5	14.3

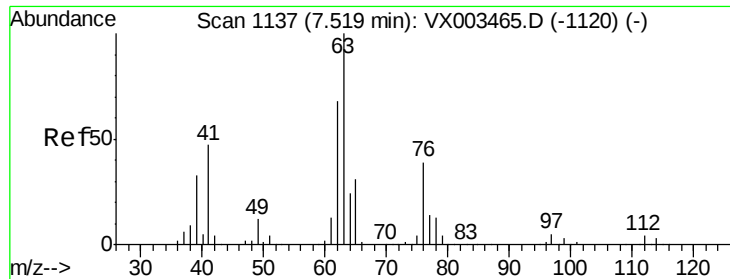


#44

Trichloroethene
 Concen: 19.79 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX003474.D
 Acq: 19 Jul 2018 20:35

Tgt Ion	130	Resp	85834
Ion Ratio	Lower	Upper	
130	100		
95	96.3	0.0	185.4





#45

1,2-Dichloropropane

Concen: 20.36 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

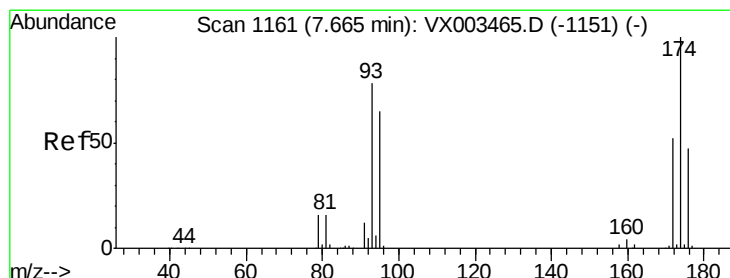
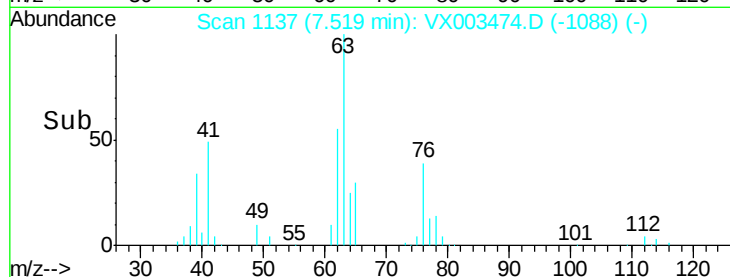
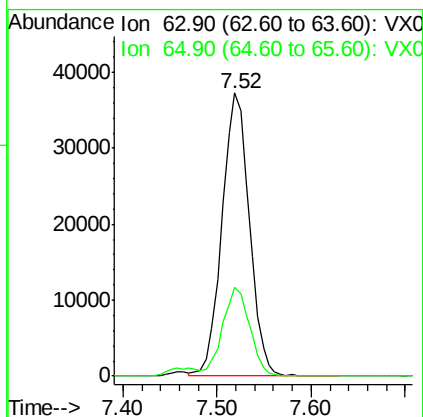
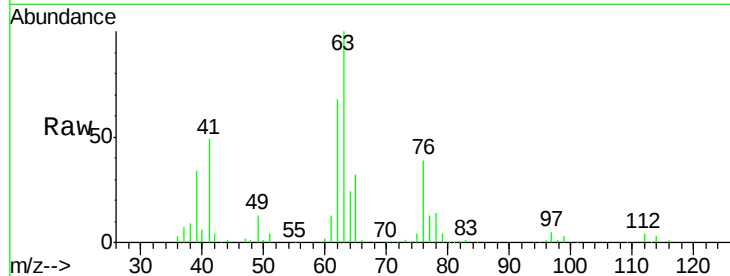
VX0719WBS01

Tot Ion: 63 Resp: 75186

Ion Ratio Lower Upper

63 100

65 31.6 24.7 37.1



#46

Dibromomethane

Concen: 20.76 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

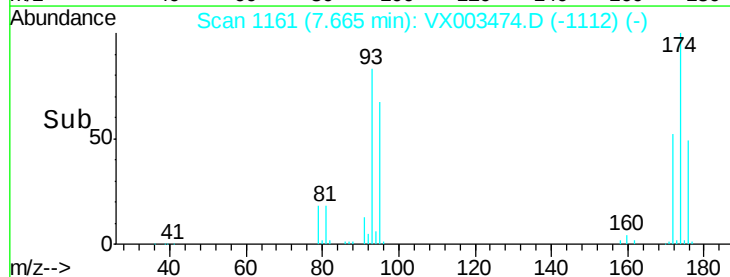
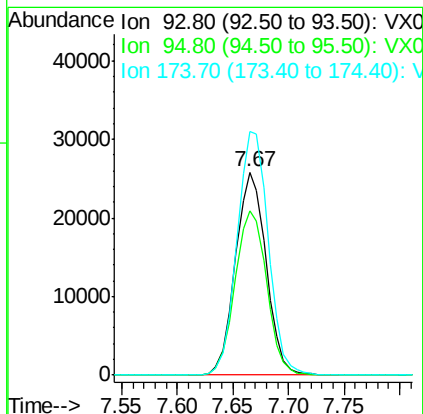
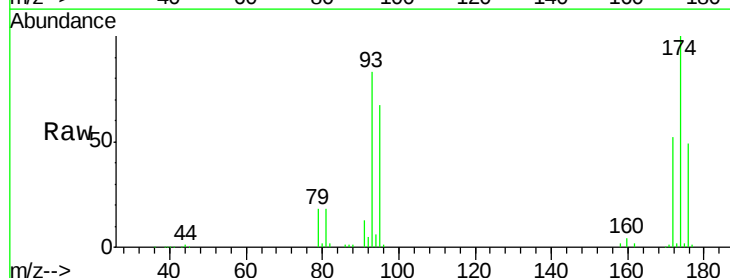
Tgt Ion: 93 Resp: 49346

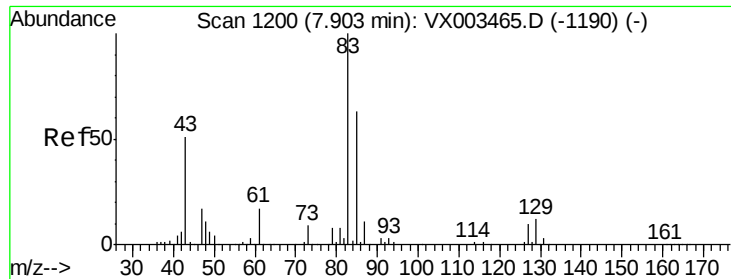
Ion Ratio Lower Upper

93 100

95 83.3 65.9 98.9

174 122.6 92.4 138.6





#47

Bromodichloromethane

Concen: 20.57 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

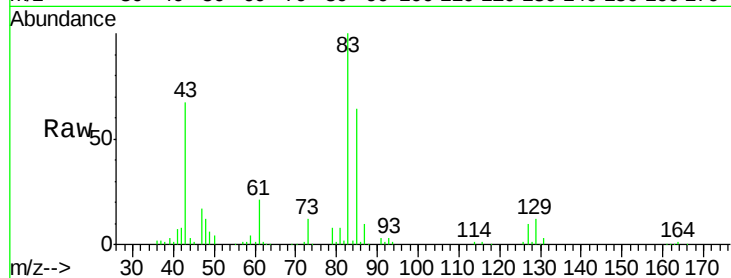
Tot Ion: 83 Resp: 89512

Ion Ratio Lower Upper

83 100

85 64.3 50.3 75.5

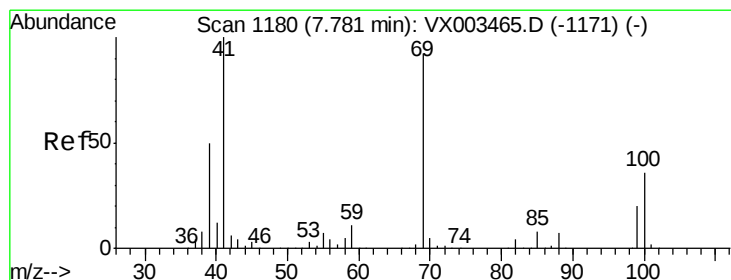
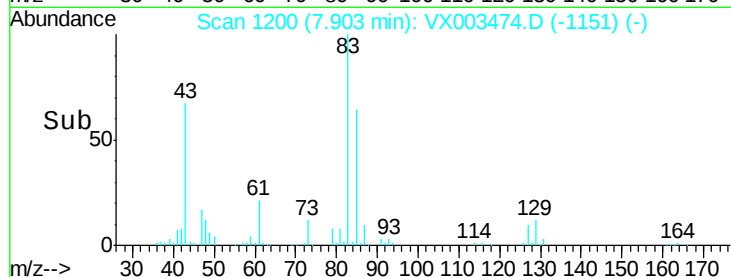
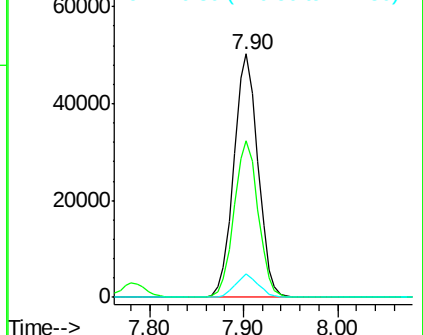
127 9.9 7.0 10.4



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: 21.01 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

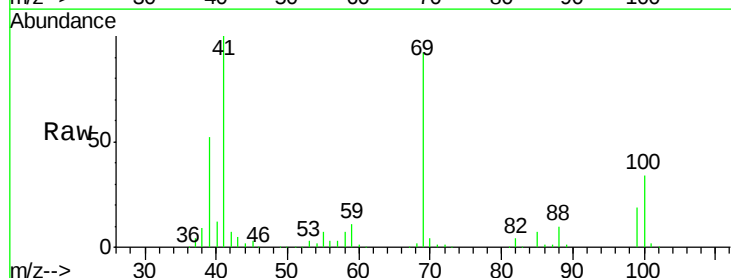
Tgt Ion: 41 Resp: 76816

Ion Ratio Lower Upper

41 100

69 88.2 59.1 88.7

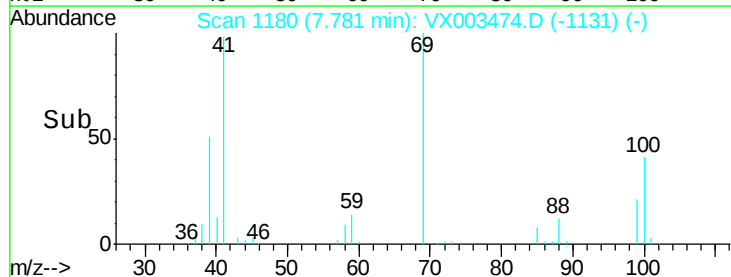
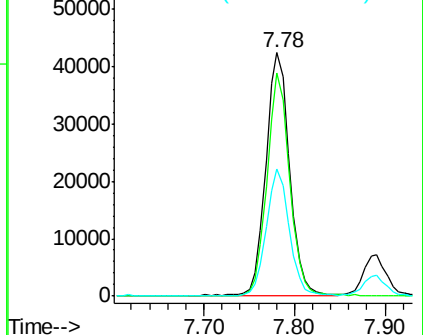
39 50.3 48.9 73.3

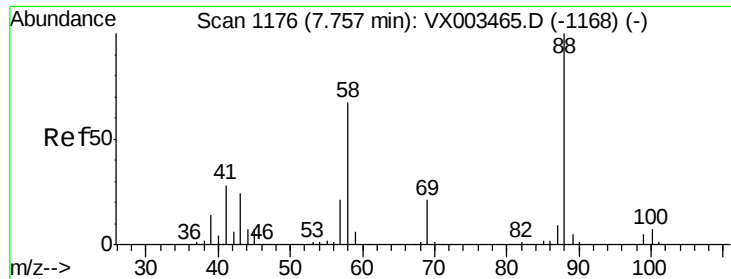


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

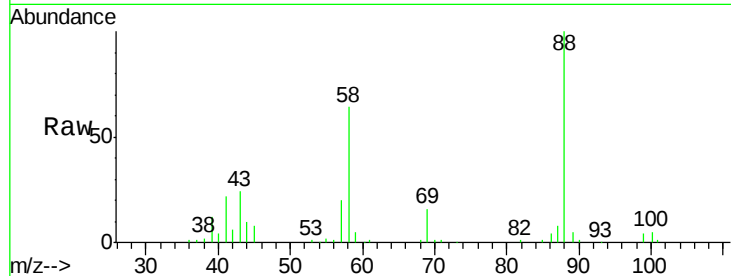




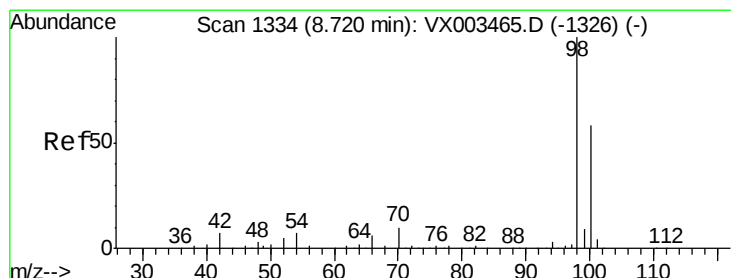
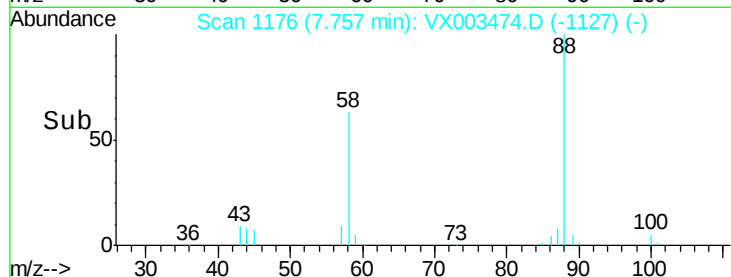
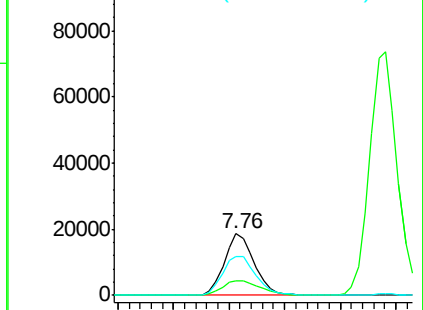
#49
1,4-Dioxane
Concen: 419.83 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX003474.D
Acq: 19 Jul 2018 20:35

Instrument :
MSVOA_X
ClientSampleId :
VX0719WBS01

Tot Ion: 88 Resp: 34780
Ion Ratio Lower Upper
88 100
43 30.2 29.8 44.6
58 70.7 57.1 85.7

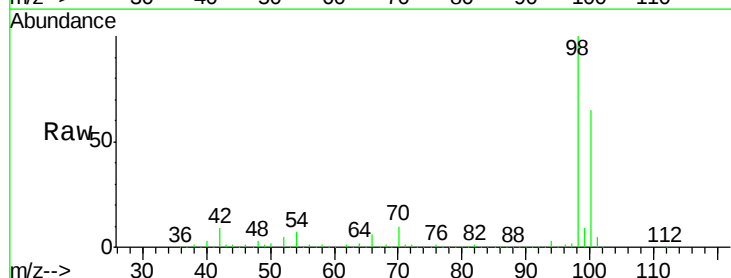


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

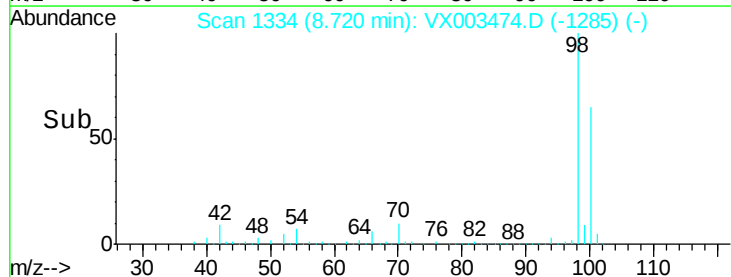
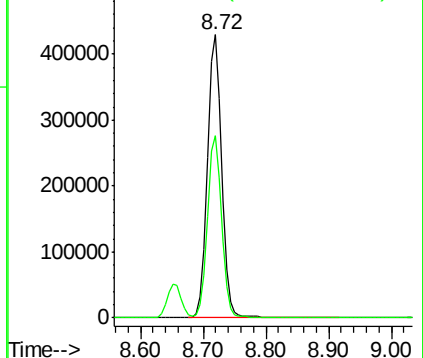


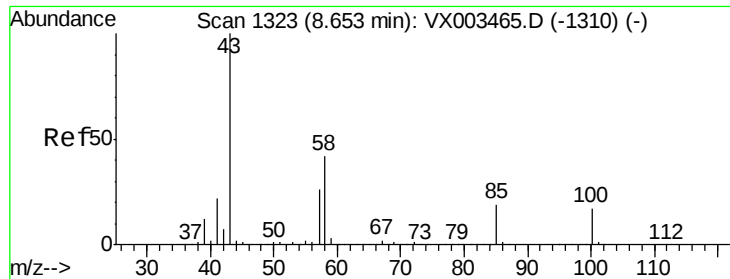
#50
Toluene-d8
Concen: 52.74 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003474.D
Acq: 19 Jul 2018 20:35

Tgt Ion: 98 Resp: 673601
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3



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

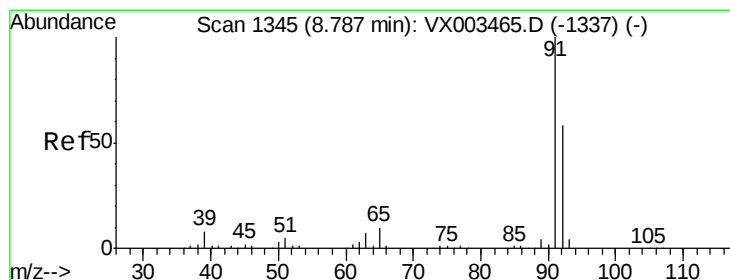
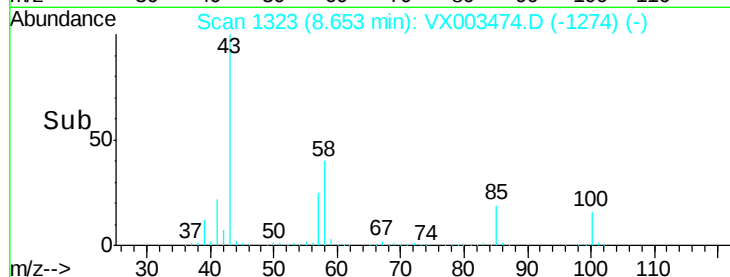
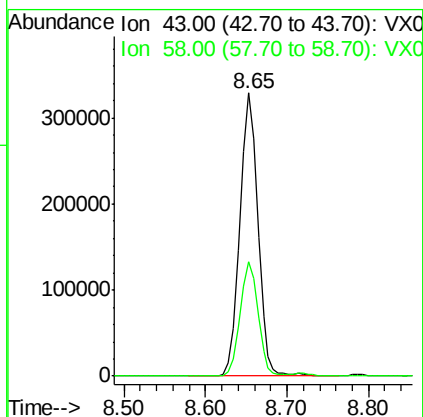
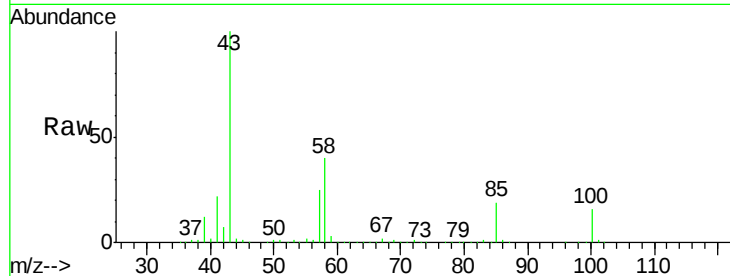




#51
4-Methyl-2-Pentanone
Concen: 109.41 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX003474.D
Acq: 19 Jul 2018 20:35

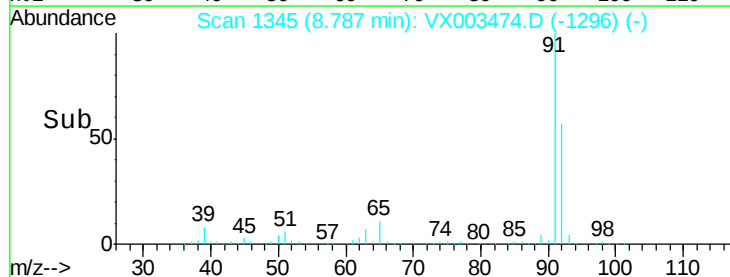
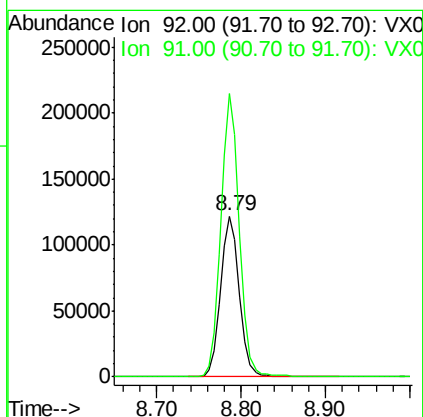
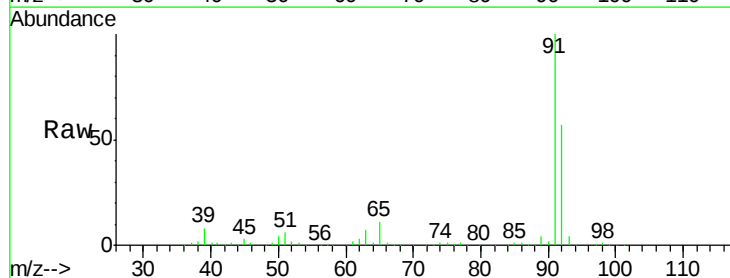
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBS01

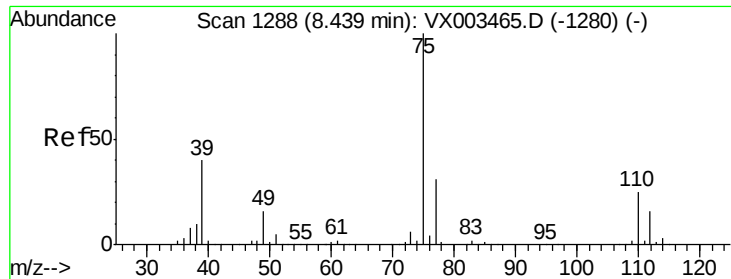
Tot Ion: 43 Resp: 501150
Ion Ratio Lower Upper
43 100
58 39.9 28.6 42.8



#52
Toluene
Concen: 20.46 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX003474.D
Acq: 19 Jul 2018 20:35

Tgt Ion: 92 Resp: 187252
Ion Ratio Lower Upper
92 100
91 173.9 140.4 210.6

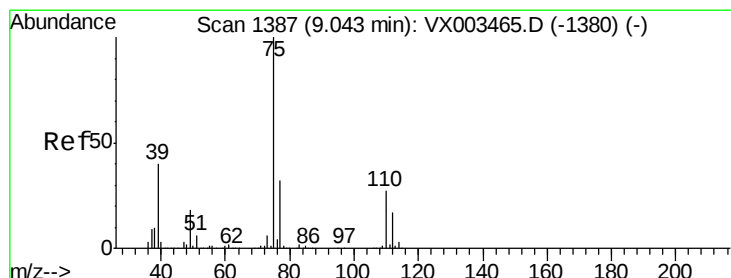
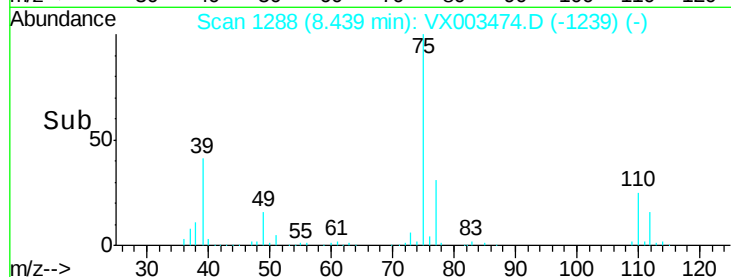
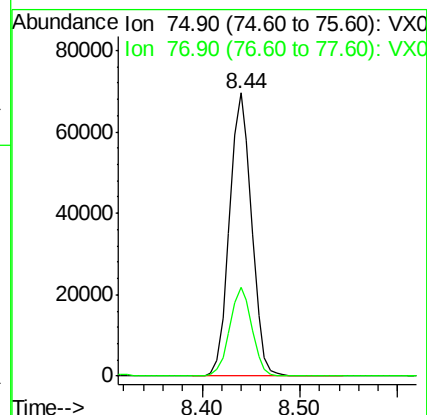
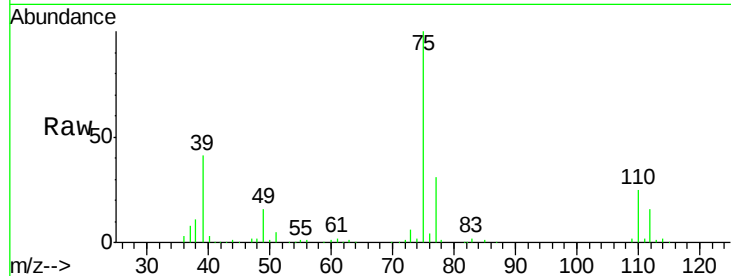




#53
t-1,3-Dichloropropene
Concen: 20.40 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX003474.D
Acq: 19 Jul 2018 20:35

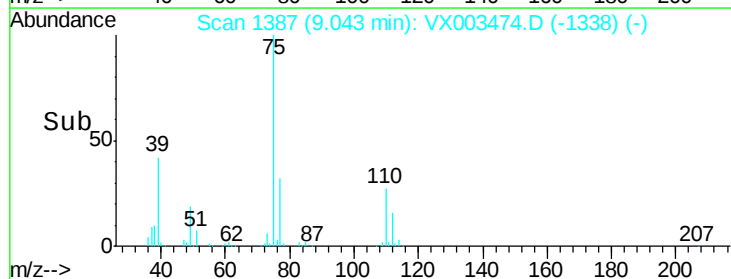
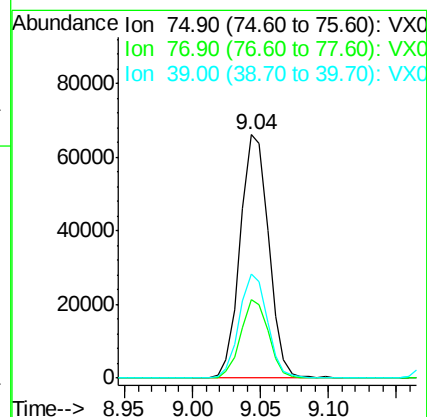
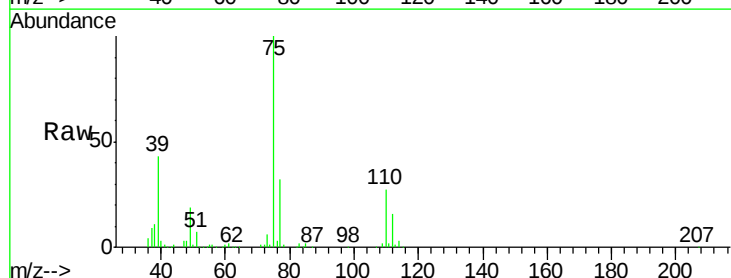
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBS01

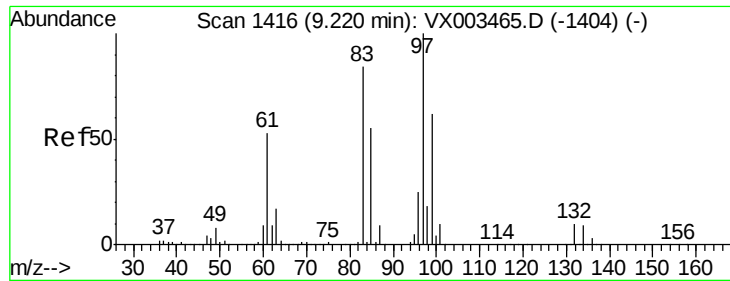
Tot Ion: 75 Resp: 109268
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 20.13 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VX003474.D
Acq: 19 Jul 2018 20:35

Tgt Ion: 75 Resp: 96993
Ion Ratio Lower Upper
75 100
77 32.1 24.8 37.2
39 42.6 42.4 63.6

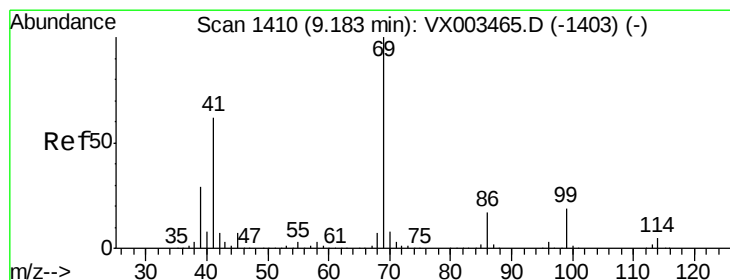
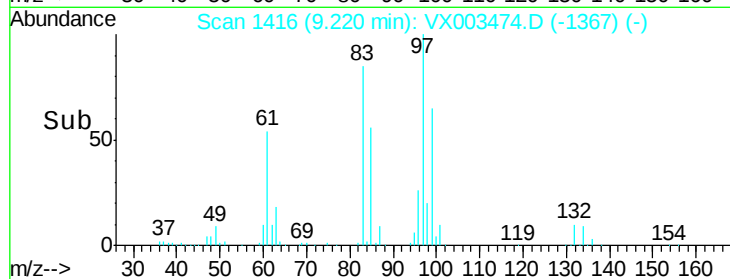
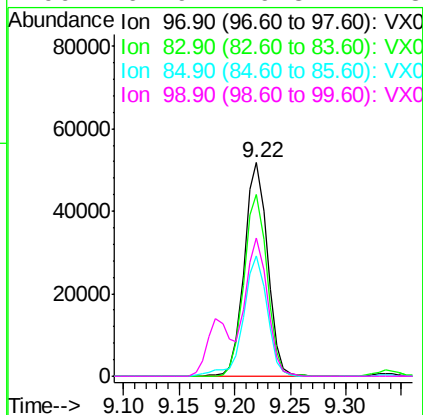
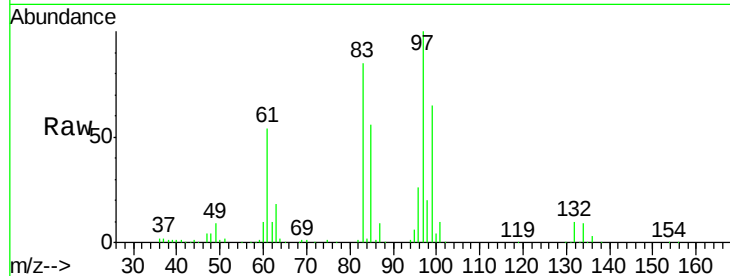




#55
 1,1,2-Trichloroethane
 Concen: 20.63 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003474.D
 Acq: 19 Jul 2018 20:35

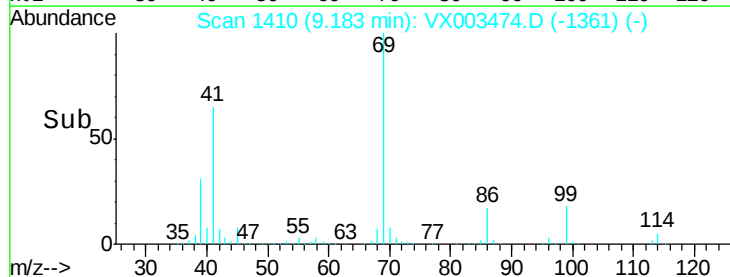
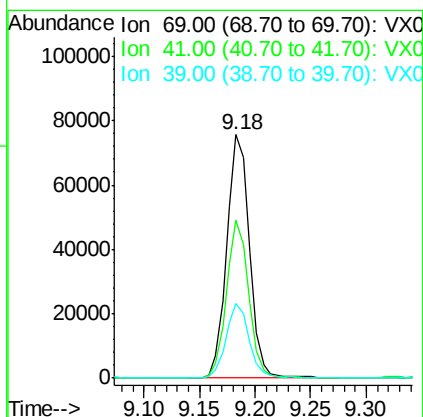
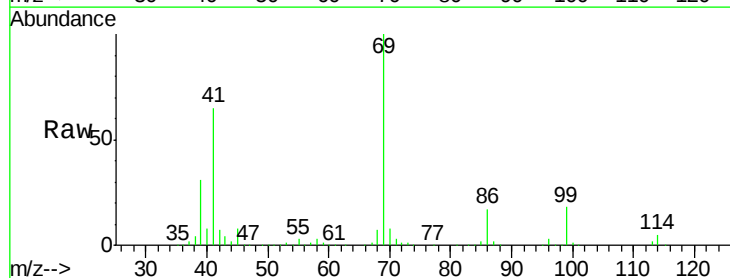
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBS01

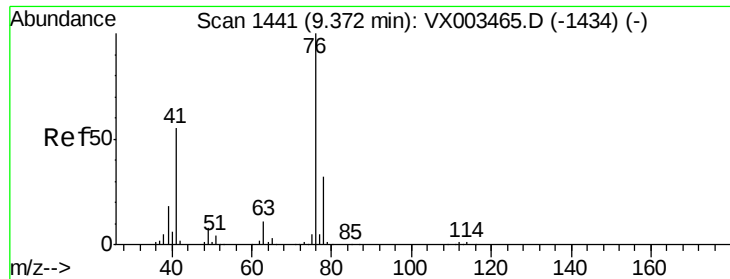
Tot Ion: 97 Resp: 75140
 Ion Ratio Lower Upper
 97 100
 83 85.3 70.2 105.2
 85 56.3 44.9 67.3
 99 64.9 49.8 74.8



#56
 Ethyl methacrylate
 Concen: 20.81 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003474.D
 Acq: 19 Jul 2018 20:35

Tgt Ion: 69 Resp: 106744
 Ion Ratio Lower Upper
 69 100
 41 63.2 60.3 90.5
 39 30.8 35.8 53.8#

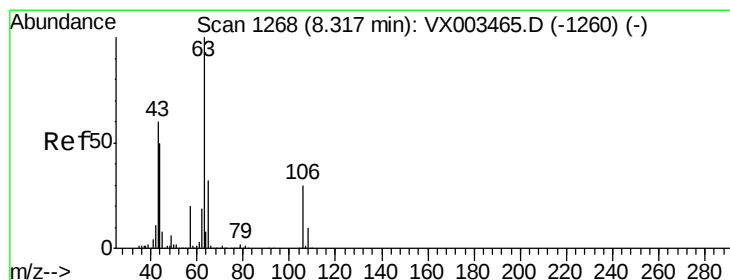
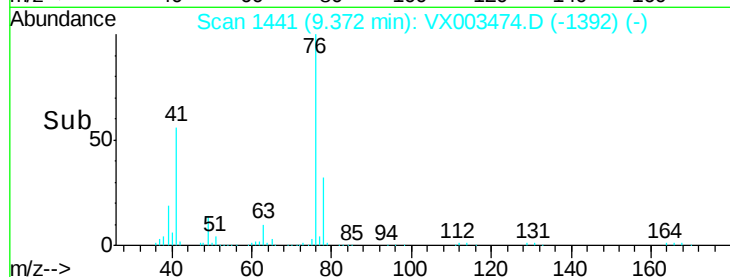
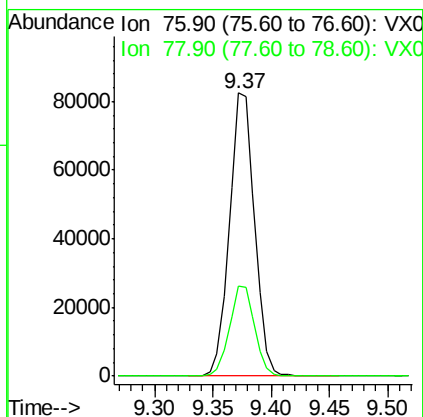
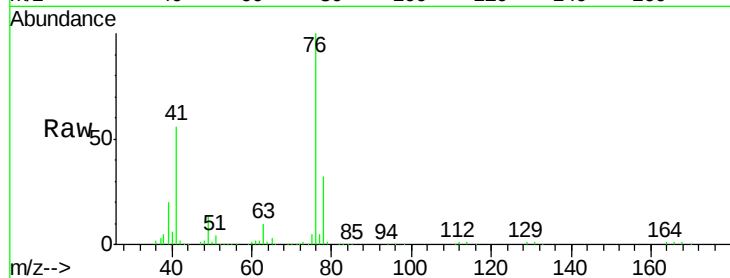




#57
 1,3-Dichloropropane
 Concen: 21.02 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX003474.D
 Acq: 19 Jul 2018 20:35

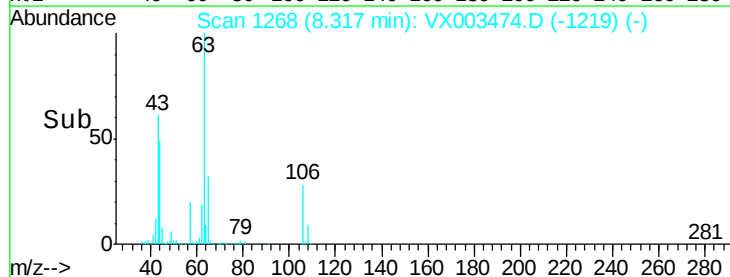
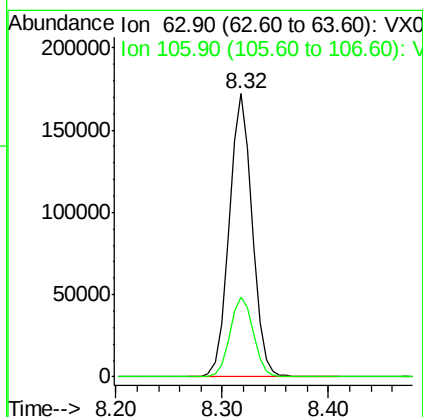
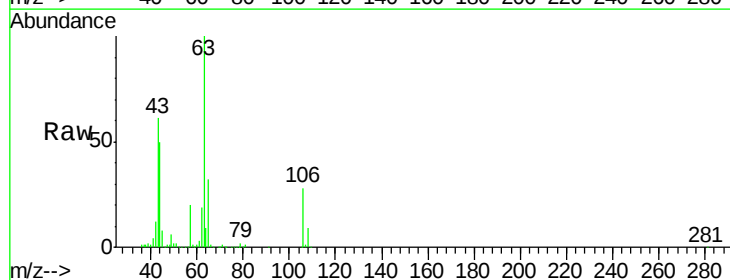
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBS01

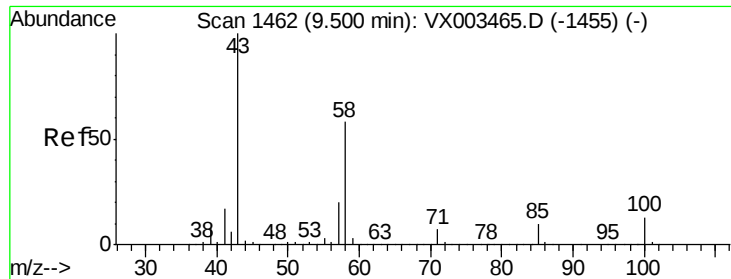
Tot Ion: 76 Resp: 123788
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.33 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX003474.D
 Acq: 19 Jul 2018 20:35

Tgt Ion: 63 Resp: 260278
 Ion Ratio Lower Upper
 63 100
 106 28.8 21.8 32.8

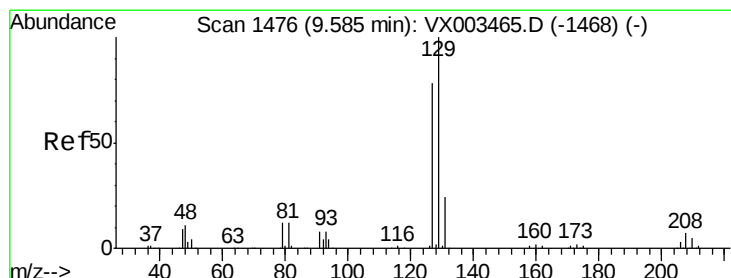
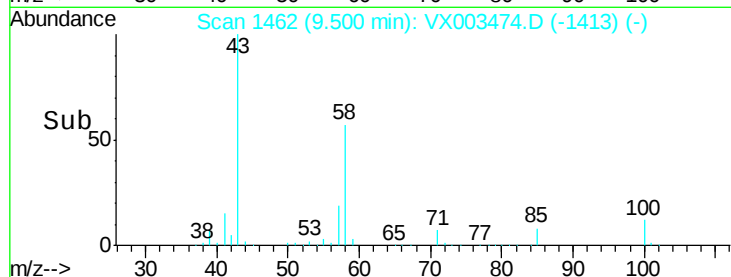
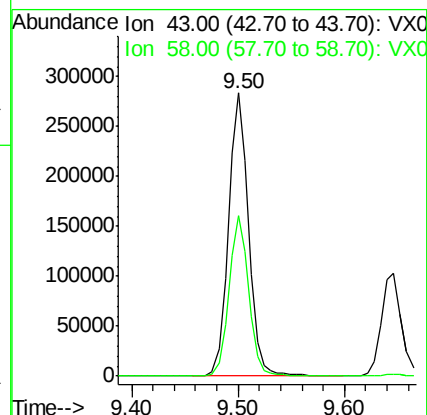
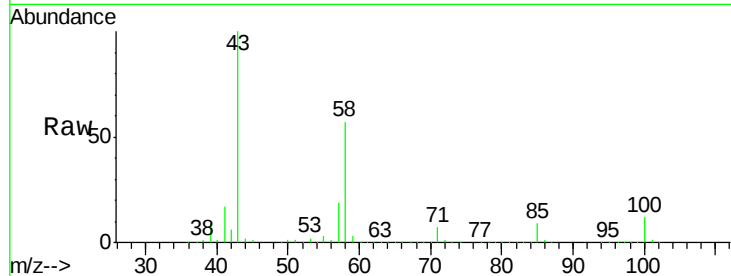




#59
2-Hexanone
Concen: 109.96 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003474.D
Acq: 19 Jul 2018 20:35

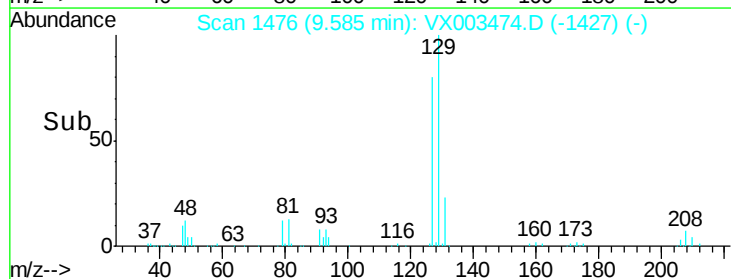
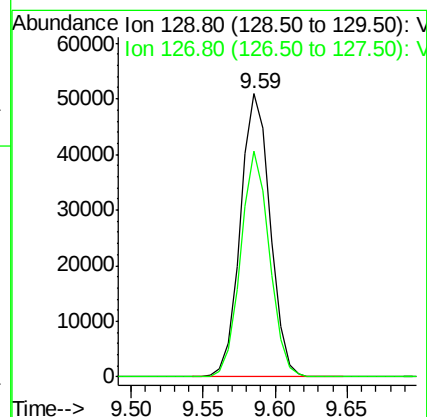
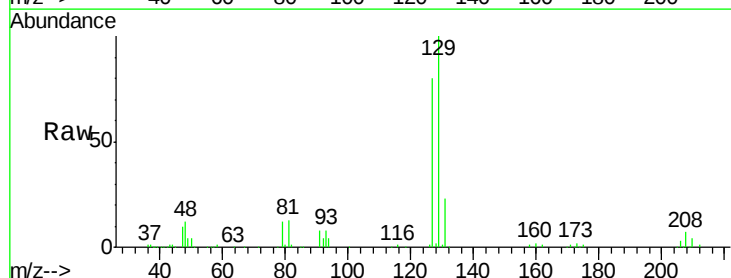
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBS01

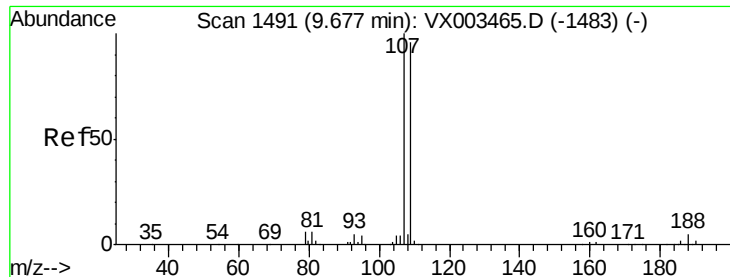
Tot Ion: 43 Resp: 373152
Ion Ratio Lower Upper
43 100
58 56.4 24.6 73.6



#60
Dibromochloromethane
Concen: 20.27 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003474.D
Acq: 19 Jul 2018 20:35

Tgt Ion: 129 Resp: 73083
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.3

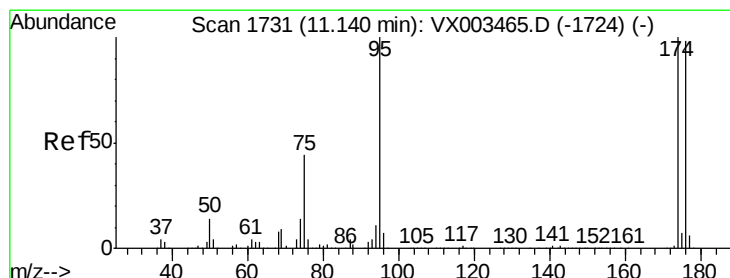
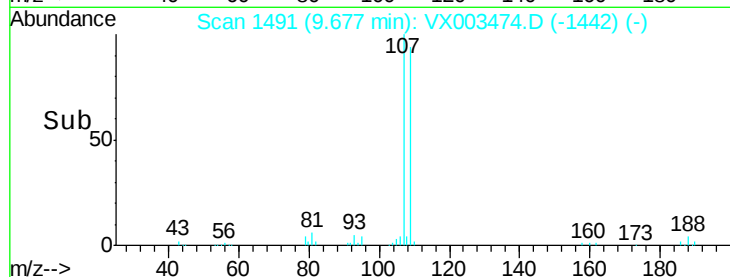
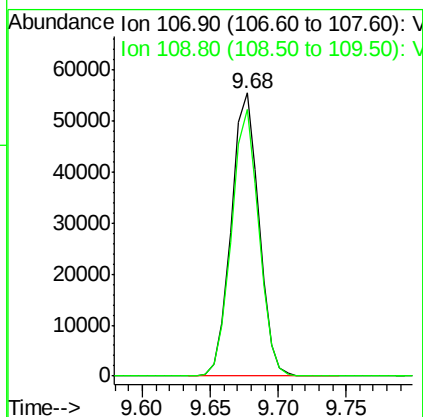
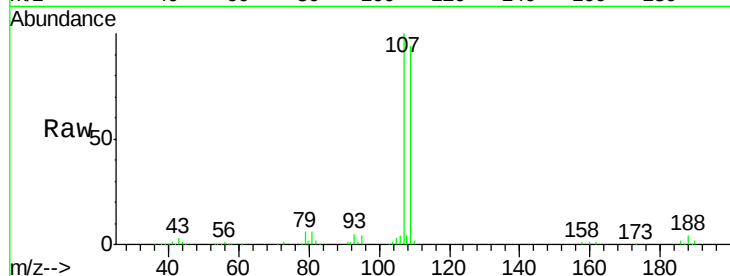




#61
 1,2-Dibromoethane
 Concen: 20.77 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX003474.D
 Acq: 19 Jul 2018 20:35

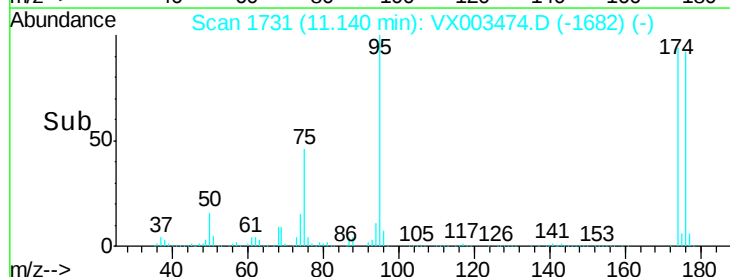
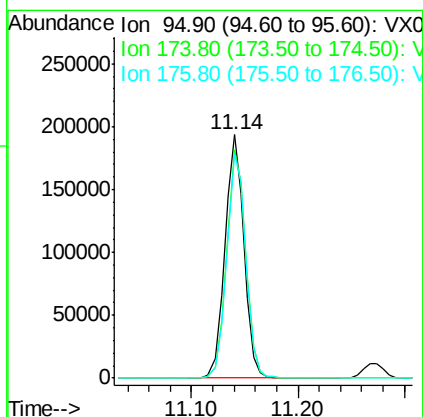
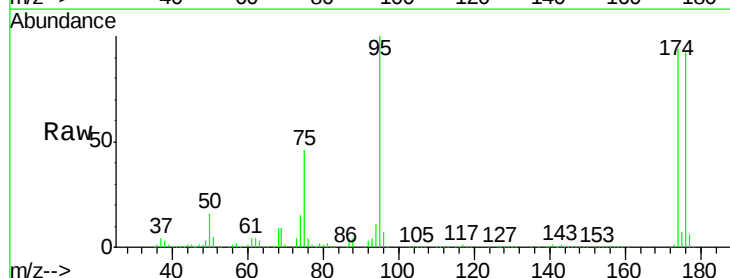
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBS01

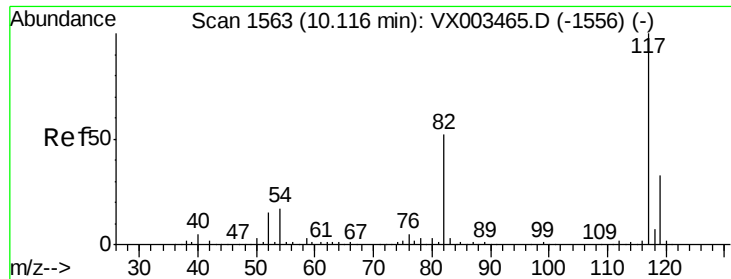
Tot Ion:107 Resp: 78414
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 51.65 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003474.D
 Acq: 19 Jul 2018 20:35

Tgt Ion: 95 Resp: 240739
 Ion Ratio Lower Upper
 95 100
 174 94.8 0.0 187.4
 176 92.7 0.0 181.0

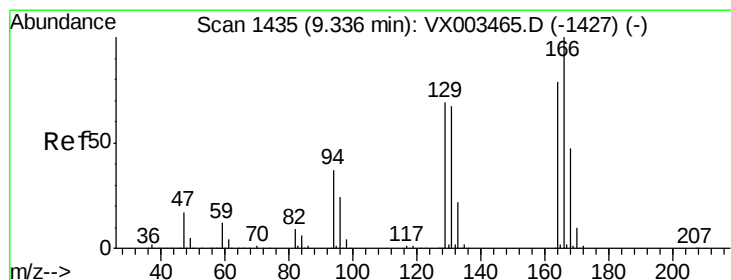
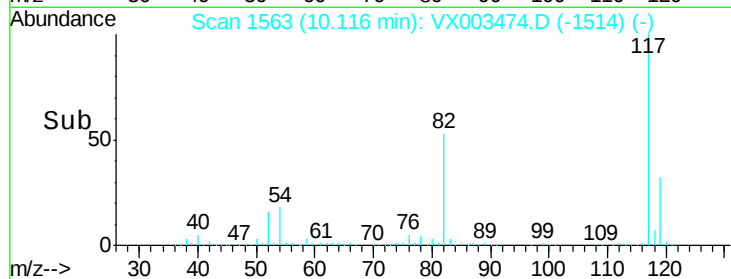
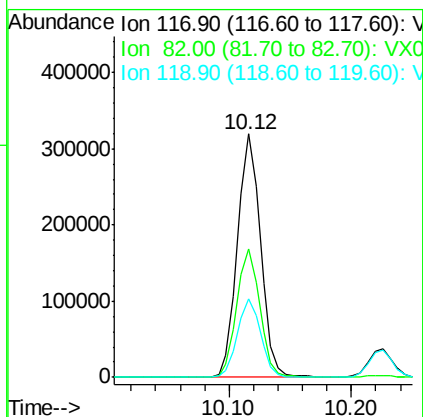
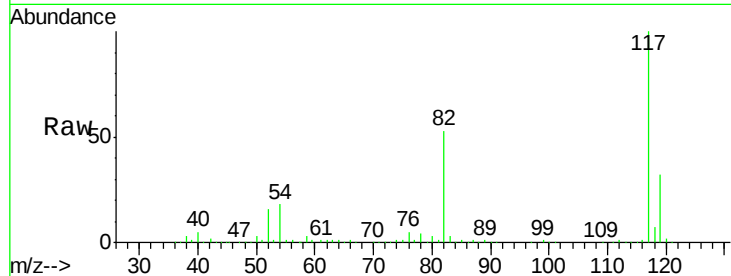




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003474.D
Acq: 19 Jul 2018 20:35

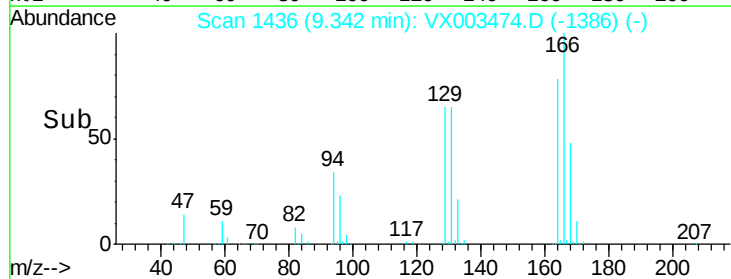
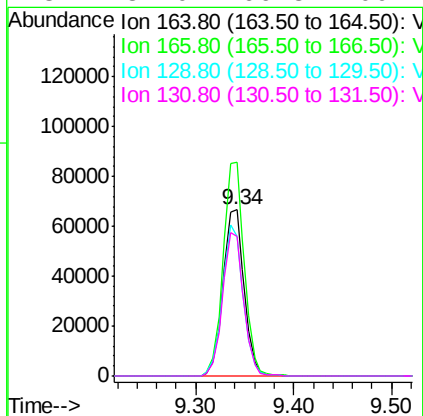
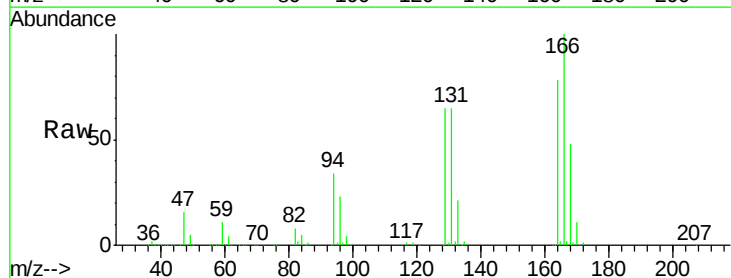
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBS01

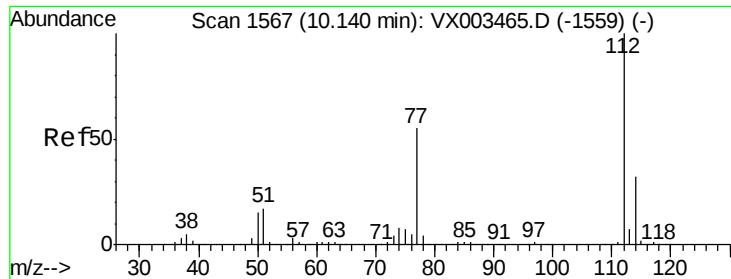
Tot Ion:117 Resp: 417655
Ion Ratio Lower Upper
117 100
82 53.0 45.0 67.4
119 32.3 25.8 38.6



#64
Tetrachloroethene
Concen: 19.60 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003474.D
Acq: 19 Jul 2018 20:35

Tgt Ion:164 Resp: 99738
Ion Ratio Lower Upper
164 100
166 128.8 102.9 154.3
129 84.1 68.6 102.8
131 84.0 66.8 100.2

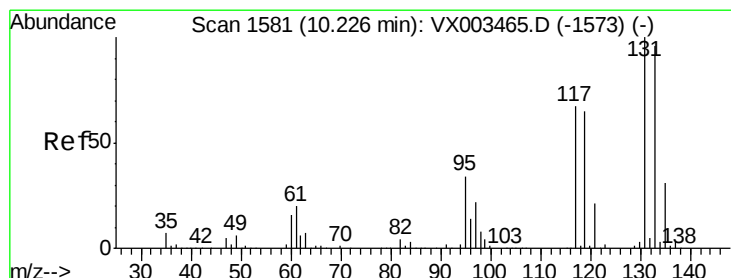
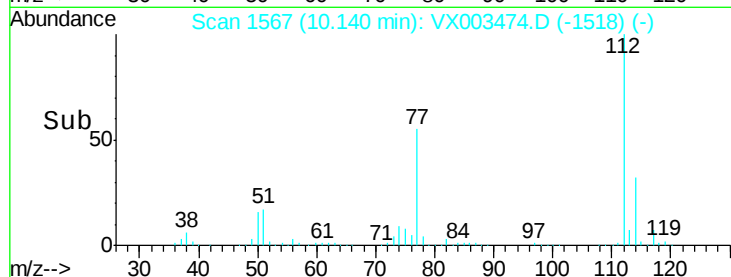
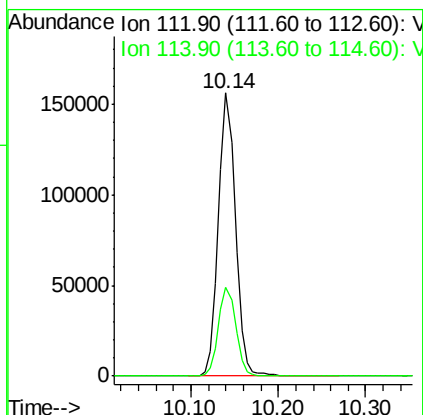
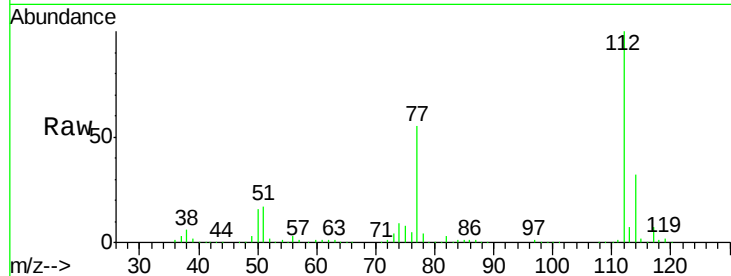




#65
Chlorobenzene
Concen: 19.60 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003474.D
Acq: 19 Jul 2018 20:35

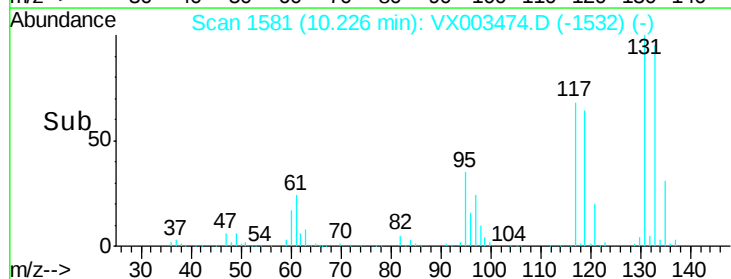
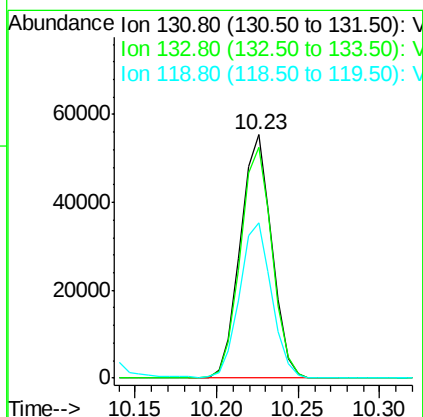
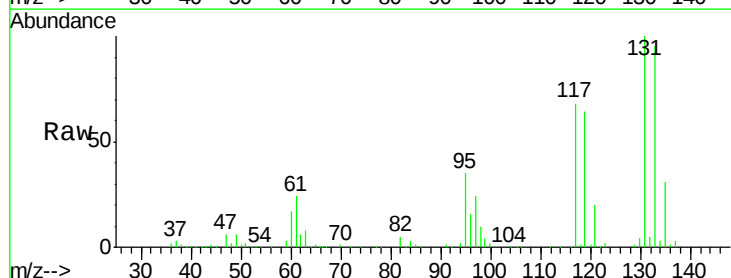
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBS01

Tot Ion:112 Resp: 210904
Ion Ratio Lower Upper
112 100
114 31.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.15 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003474.D
Acq: 19 Jul 2018 20:35

Tgt Ion:131 Resp: 74618
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.6
119 64.7 31.8 95.3

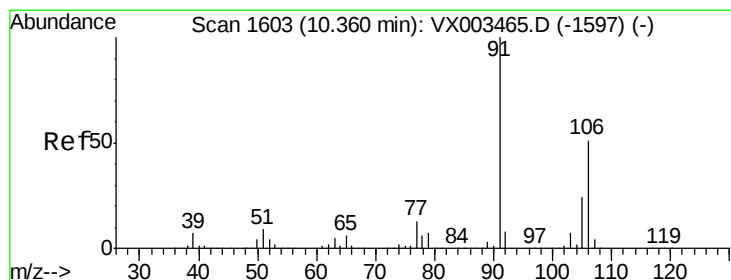
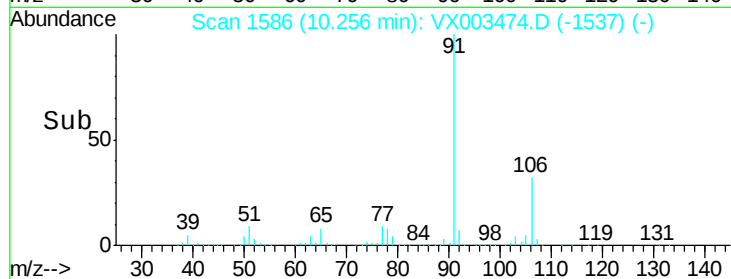
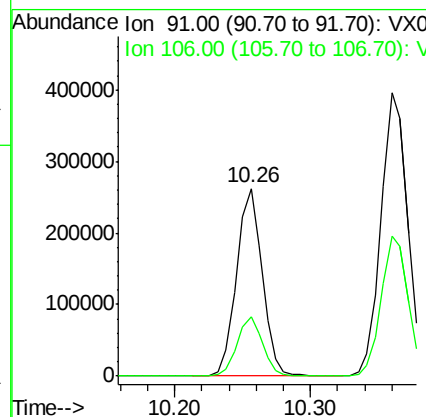
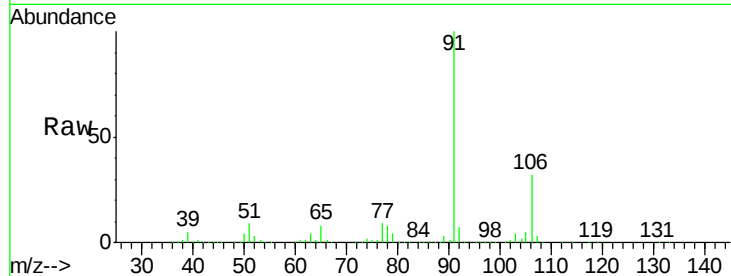




#67
Ethyl Benzene
Concen: 20.01 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003474.D
Acq: 19 Jul 2018 20:35

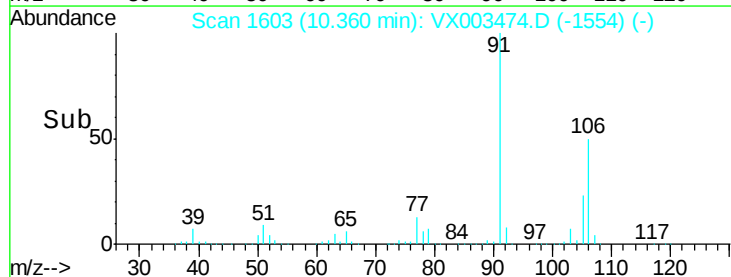
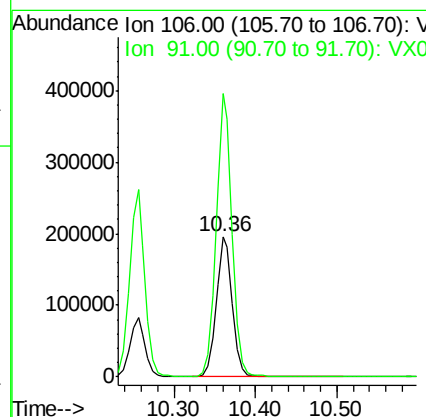
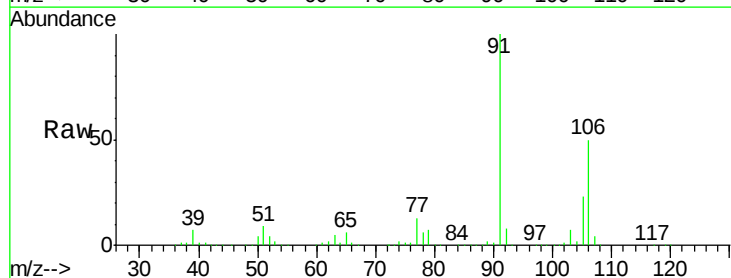
Instrument :
MSVOA_X
ClientSampled :
VX0719WBS01

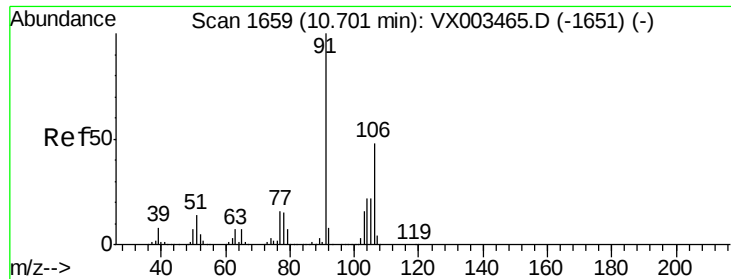
Tot Ion: 91 Resp: 346237
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3



#68
m/p-Xylenes
Concen: 40.01 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003474.D
Acq: 19 Jul 2018 20:35

Tgt Ion: 106 Resp: 271379
Ion Ratio Lower Upper
106 100
91 200.3 163.4 245.2

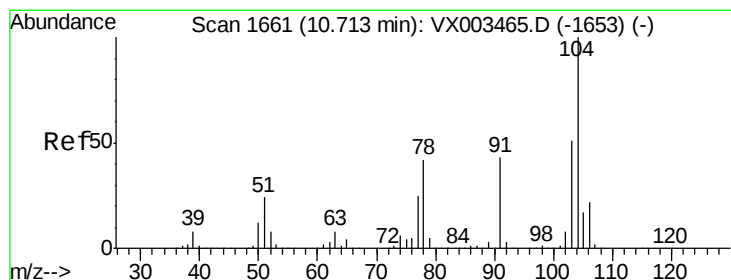
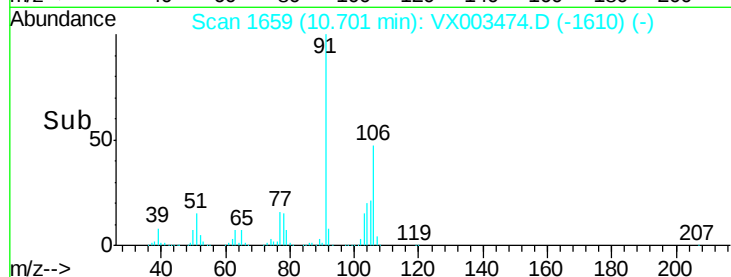
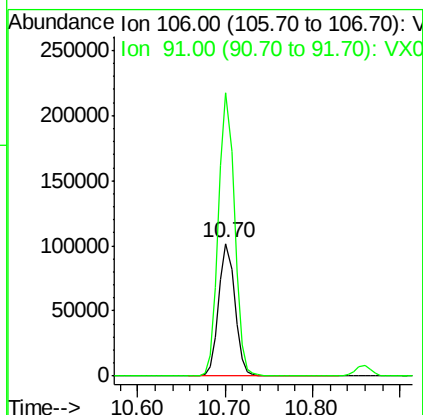
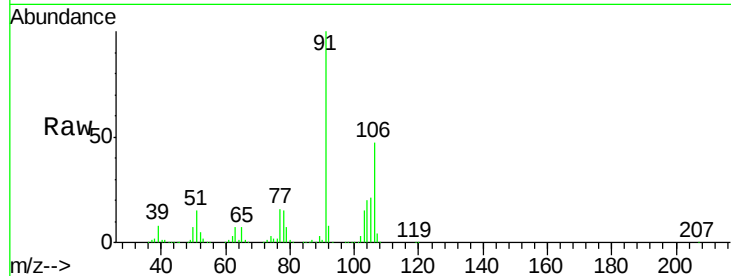




#69
o-Xylene
Concen: 19.88 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003474.D
Acq: 19 Jul 2018 20:35

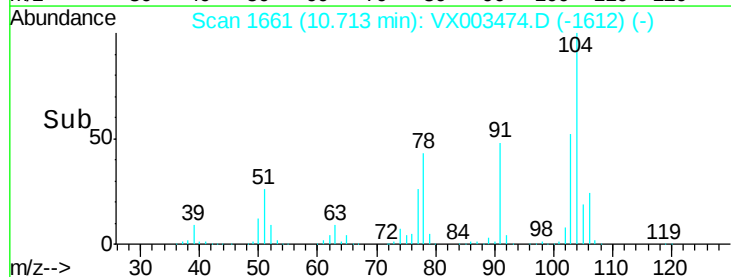
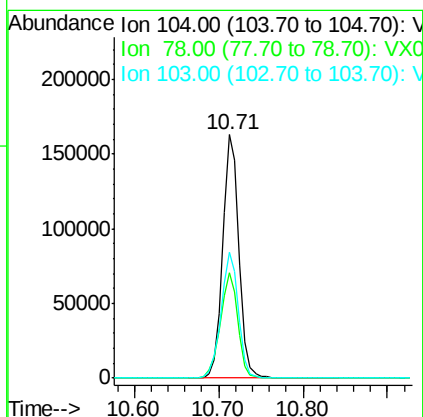
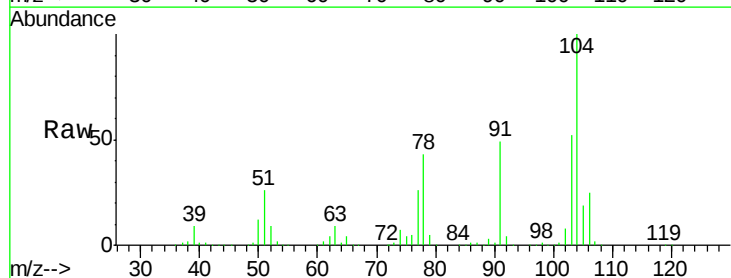
Instrument :
MSVOA_X
ClientSampled :
VX0719WBS01

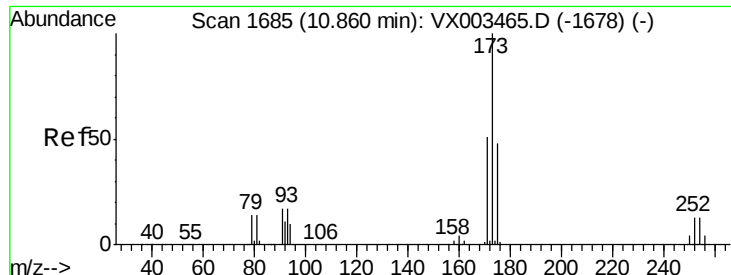
Tot Ion:106 Resp: 130404
Ion Ratio Lower Upper
106 100
91 211.8 108.2 324.6



#70
Styrene
Concen: 20.17 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003474.D
Acq: 19 Jul 2018 20:35

Tgt Ion:104 Resp: 217655
Ion Ratio Lower Upper
104 100
78 47.0 41.0 61.6
103 55.6 44.2 66.4





#71

Bromoform

Concen: 19.62 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

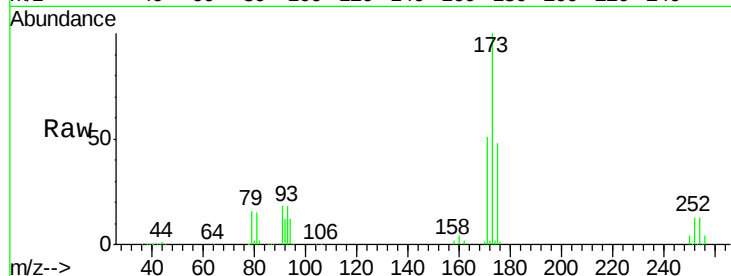
Tot Ion:173 Resp: 56429

Ion Ratio Lower Upper

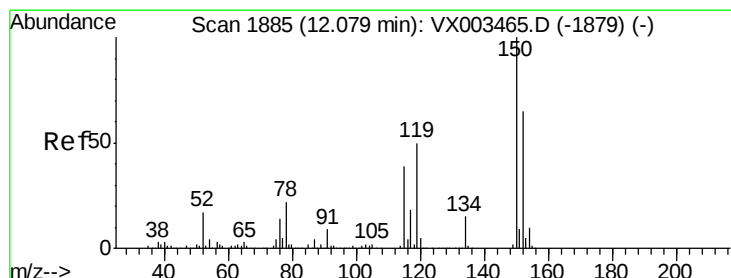
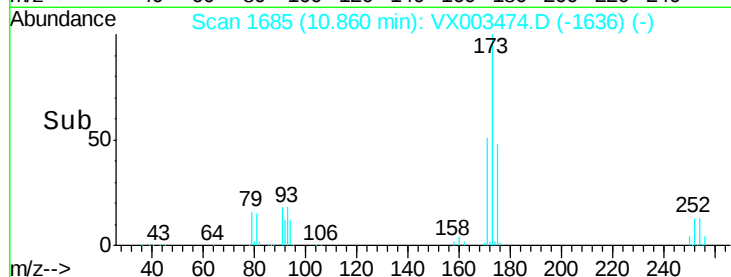
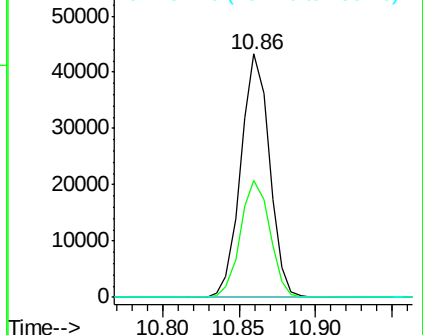
173 100

175 49.3 24.7 74.1

254 0.1 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: VX003474.D

Acq: 19 Jul 2018 20:35

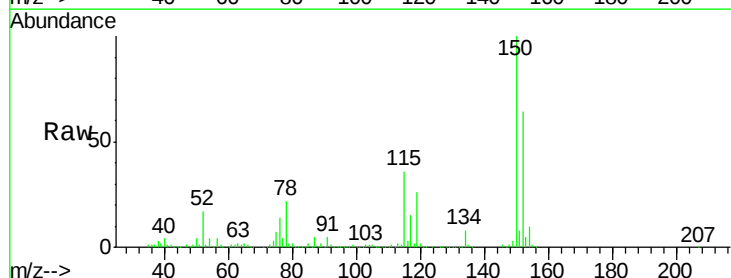
Tgt Ion:152 Resp: 248861

Ion Ratio Lower Upper

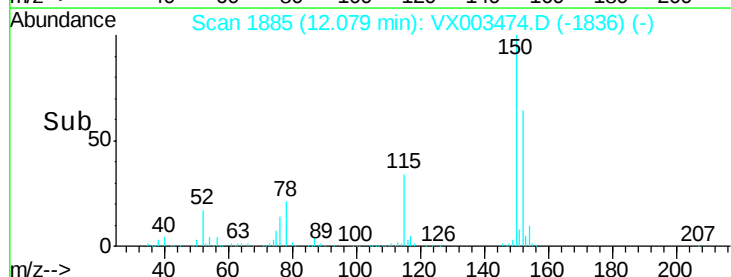
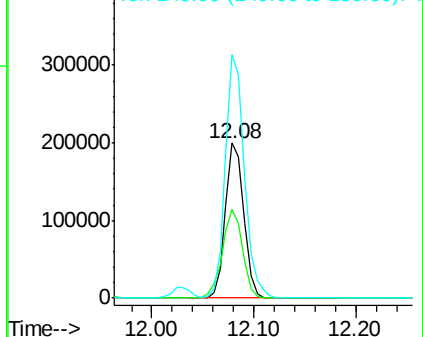
152 100

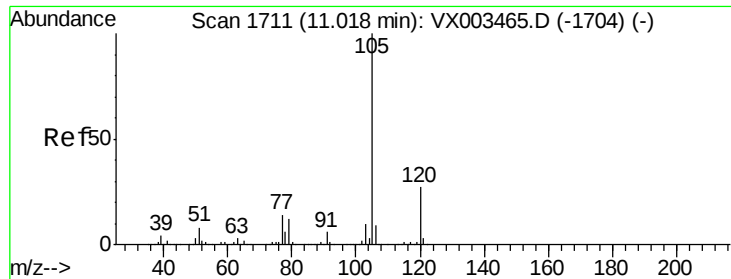
115 63.0 40.1 120.2

150 163.2 0.0 347.2



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: 20.36 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.01 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

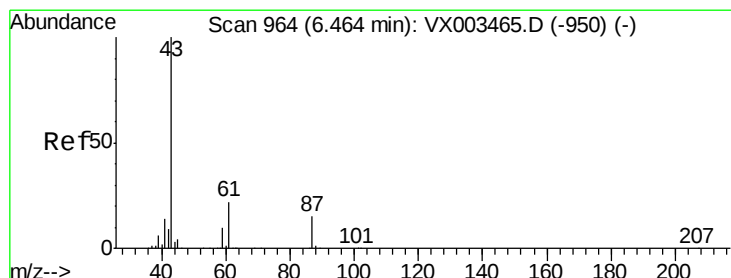
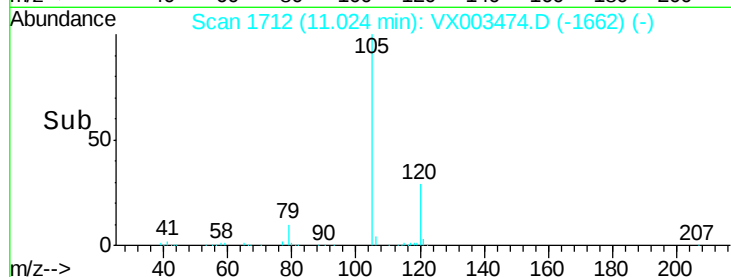
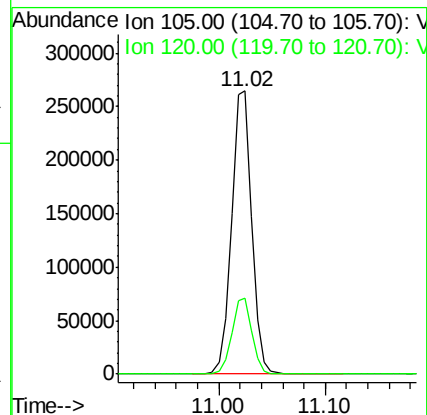
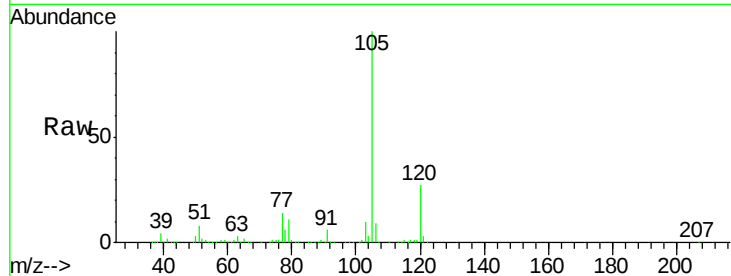
VX0719WBS01

Tot Ion:105 Resp: 350442

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



#74

N-ethyl acetate

Concen: 20.66 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

Tgt Ion: 43 Resp: 150998

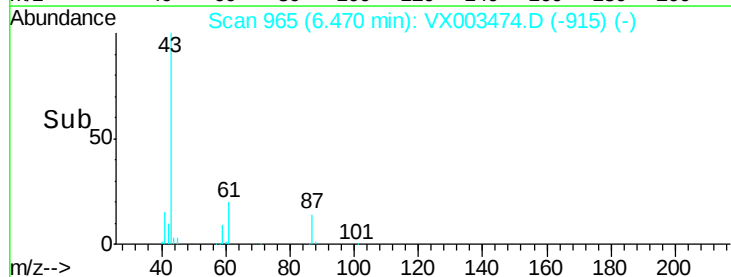
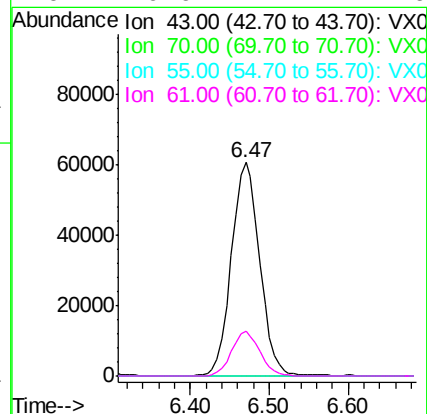
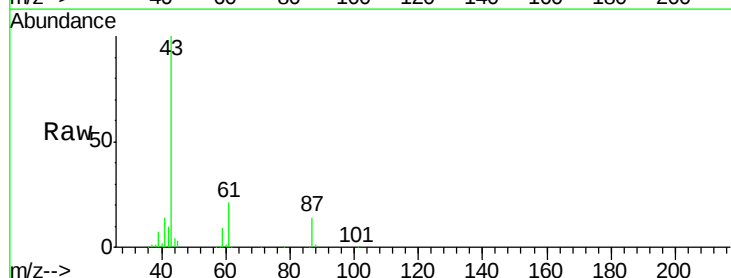
Ion Ratio Lower Upper

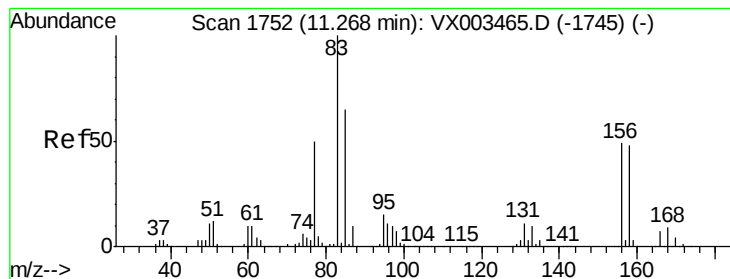
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 20.9 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.80 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

Instrument :

MSVOA_X

ClientSampled :

VX0719WBS01

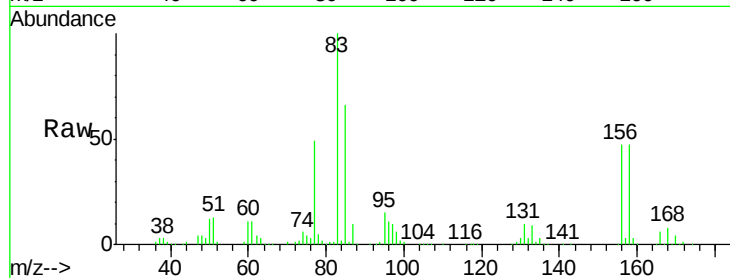
Tot Ion: 83 Resp: 104909

Ion Ratio Lower Upper

83 100

131 10.8 5.6 16.8

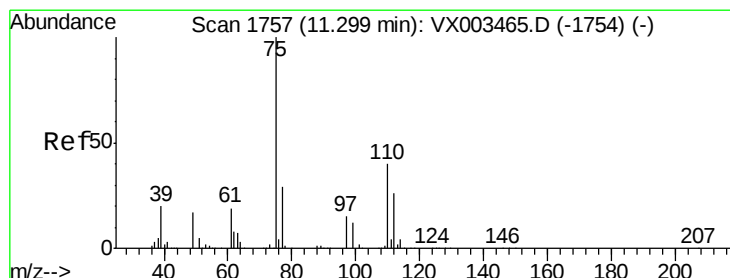
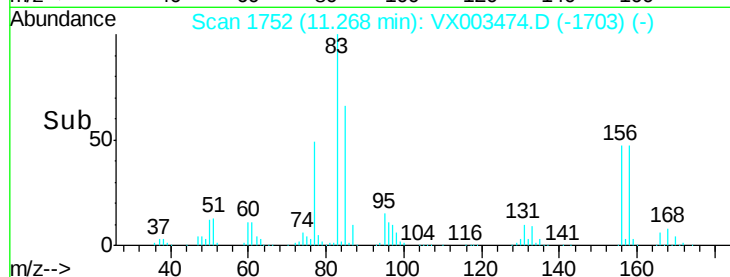
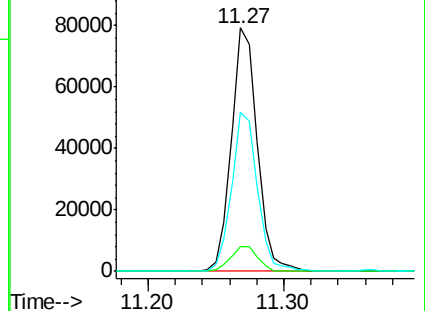
85 65.4 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.60 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003474.D

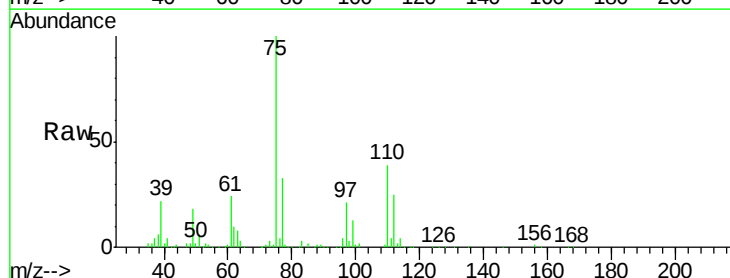
Acq: 19 Jul 2018 20:35

Tgt Ion: 75 Resp: 118900

Ion Ratio Lower Upper

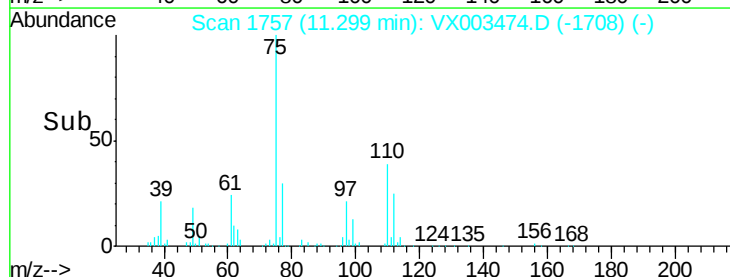
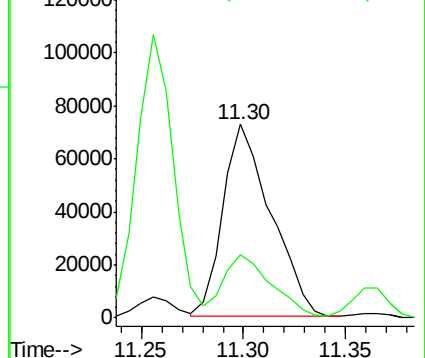
75 100

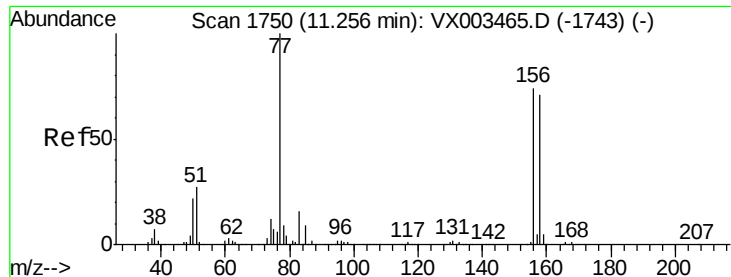
77 33.0 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.54 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

Instrument :

MSVOA_X

ClientSampled :

VX0719WBS01

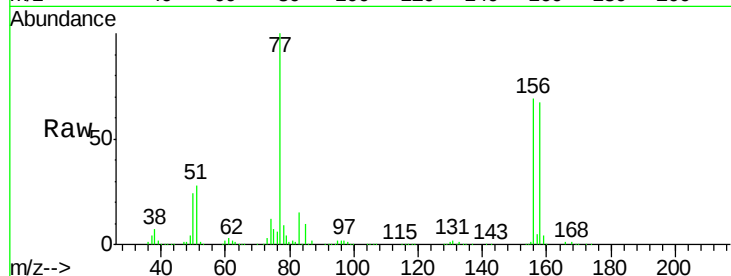
Tot Ion:156 Resp: 96713

Ion Ratio Lower Upper

156 100

77 137.5 71.4 214.2

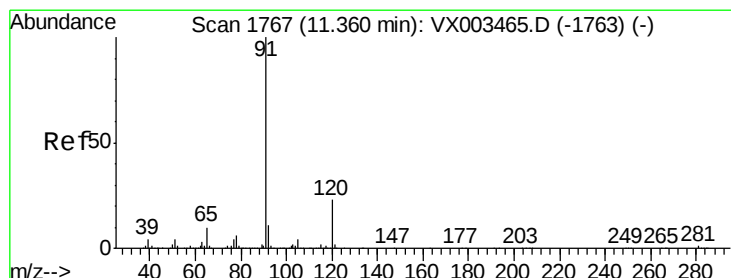
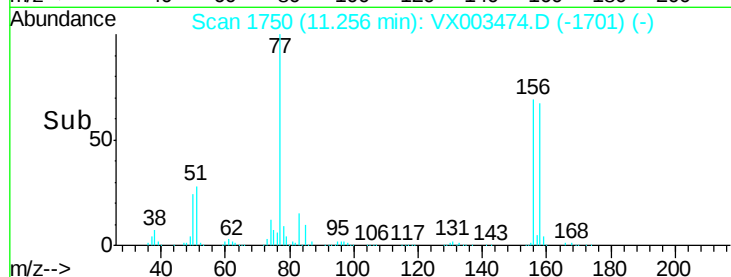
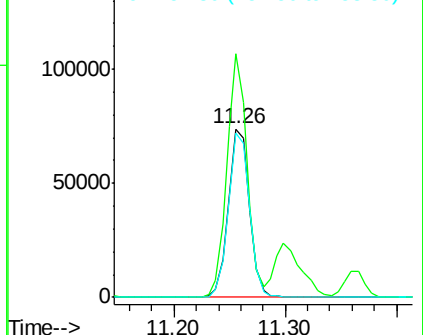
158 97.8 48.9 146.6



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: 20.47 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX003474.D

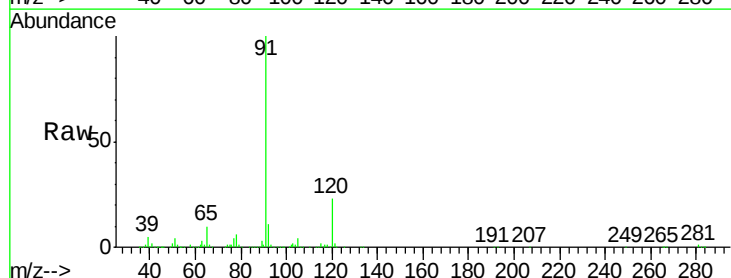
Acq: 19 Jul 2018 20:35

Tgt Ion: 91 Resp: 391676

Ion Ratio Lower Upper

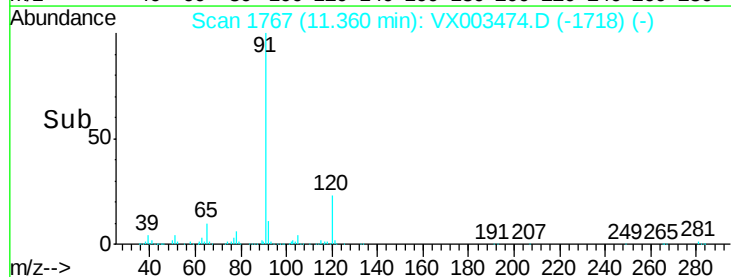
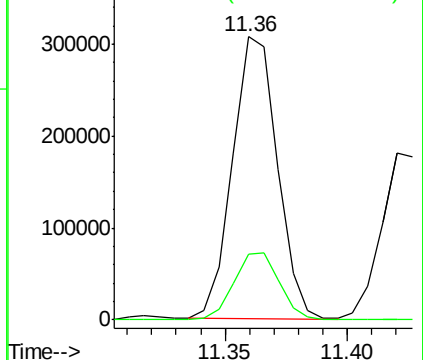
91 100

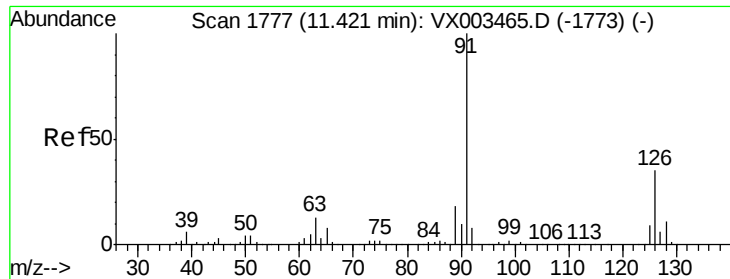
120 24.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.28 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.00 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

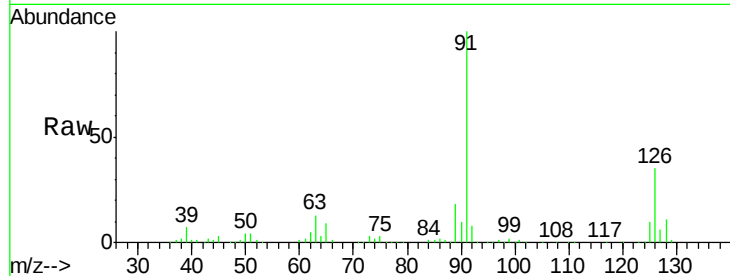
VX0719WBS01

Tot Ion: 91 Resp: 235588

Ion Ratio Lower Upper

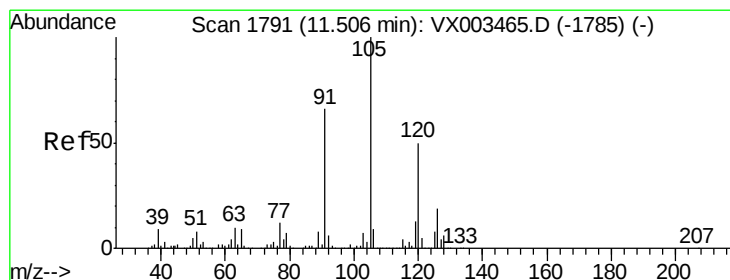
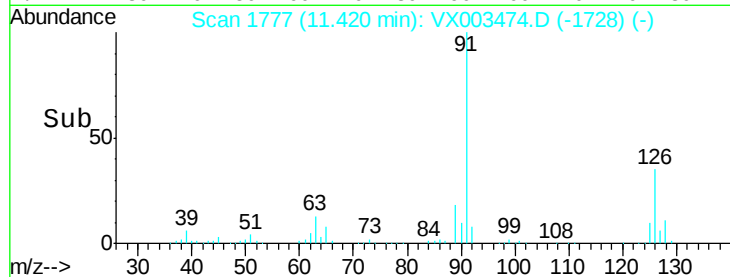
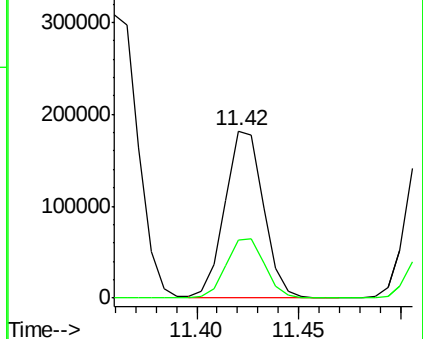
91 100

126 36.1 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.56 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX003474.D

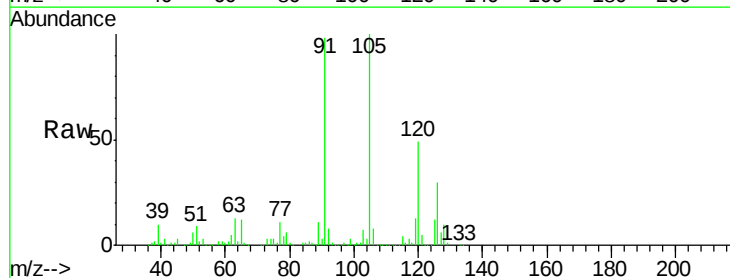
Acq: 19 Jul 2018 20:35

Tgt Ion:105 Resp: 290757

Ion Ratio Lower Upper

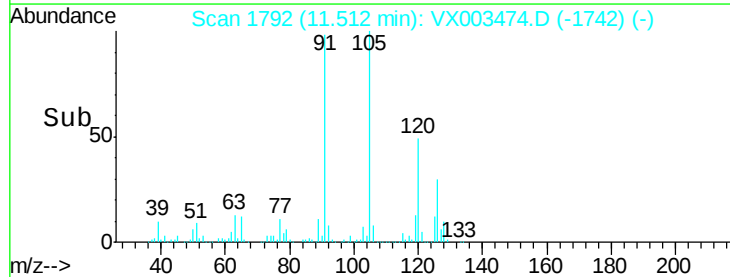
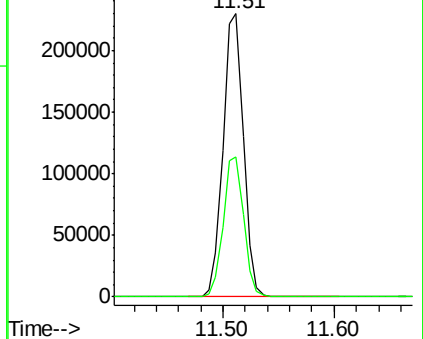
105 100

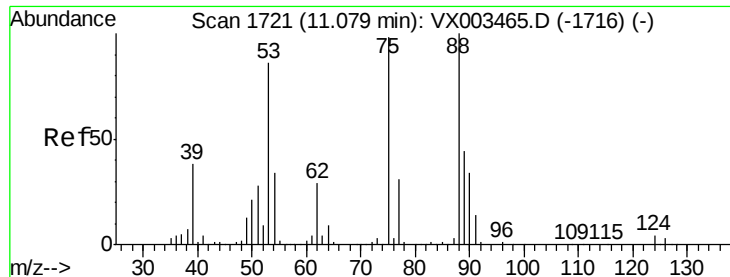
120 49.5 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.84 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

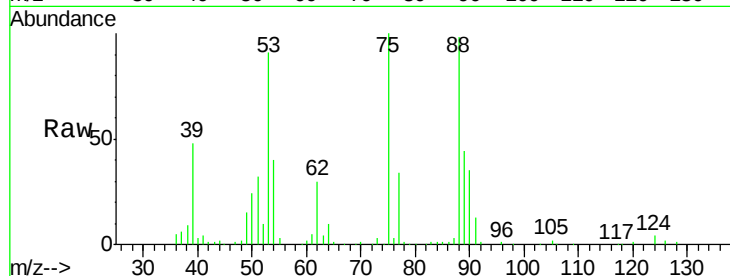
Tot Ion: 75 Resp: 27214

Ion Ratio Lower Upper

75 100

53 98.5 86.8 130.2

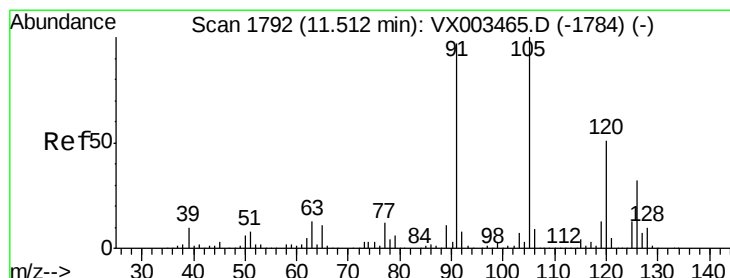
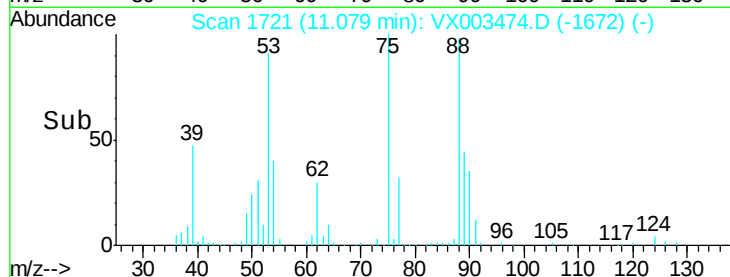
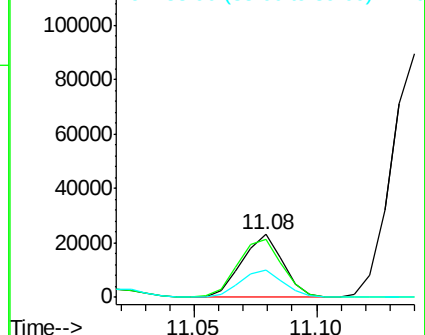
89 45.6 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.17 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003474.D

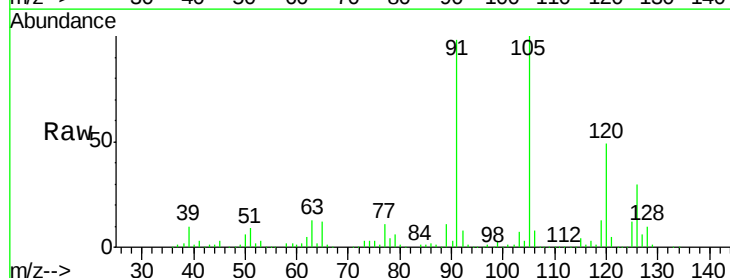
Acq: 19 Jul 2018 20:35

Tgt Ion: 91 Resp: 274559

Ion Ratio Lower Upper

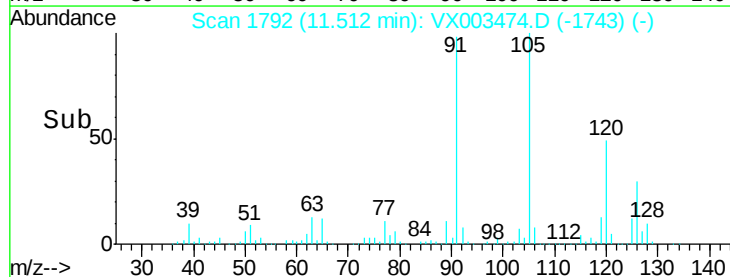
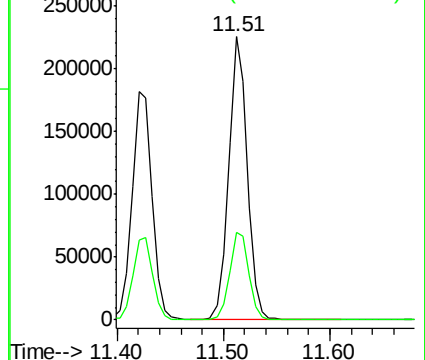
91 100

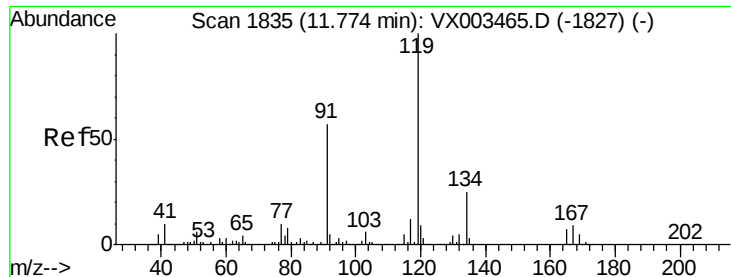
126 32.1 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

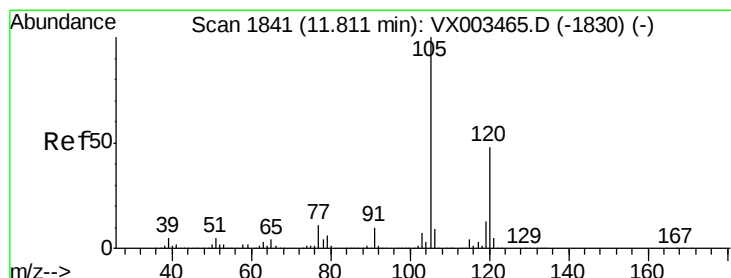
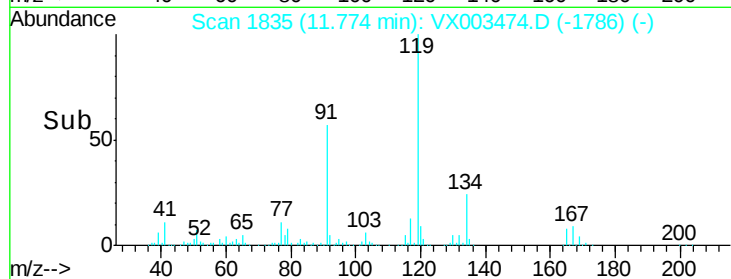
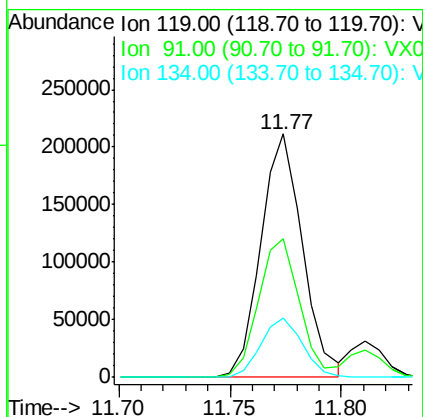
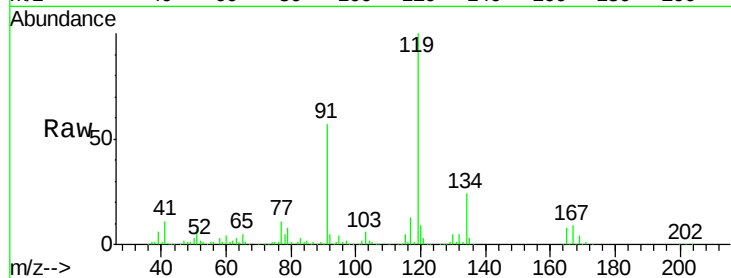




#83
 tert-Butylbenzene
 Concen: 19.84 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003474.D
 Acq: 19 Jul 2018 20:35

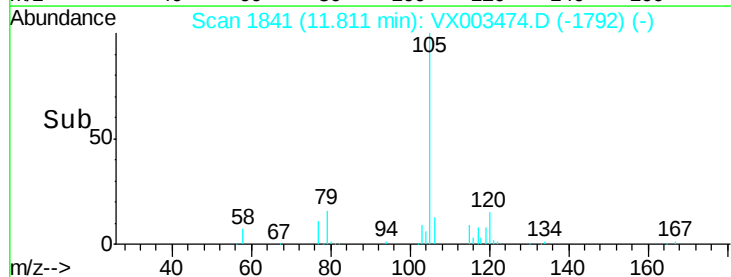
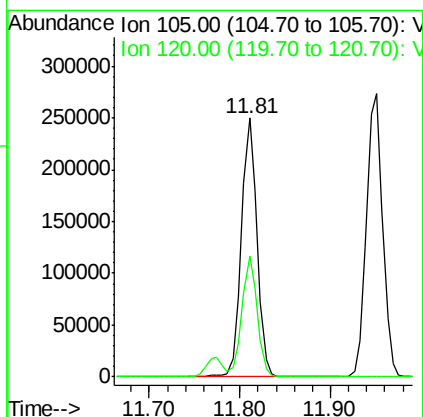
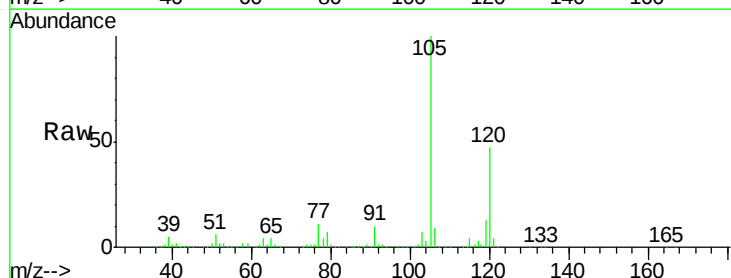
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0719WBS01

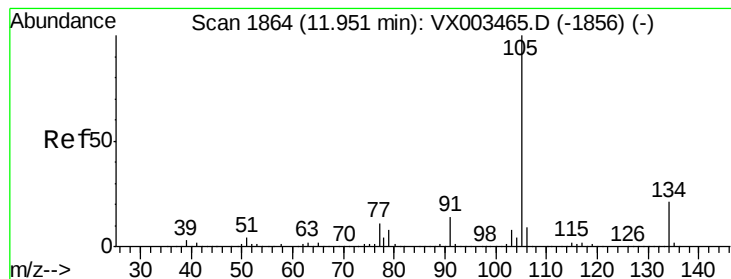
Tot Ion:119 Resp: 274813
 Ion Ratio Lower Upper
 119 100
 91 55.7 30.3 90.9
 134 24.2 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.74 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003474.D
 Acq: 19 Jul 2018 20:35

Tgt Ion:105 Resp: 298455
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.3 66.8





#85

sec-Butylbenzene

Concen: 20.12 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

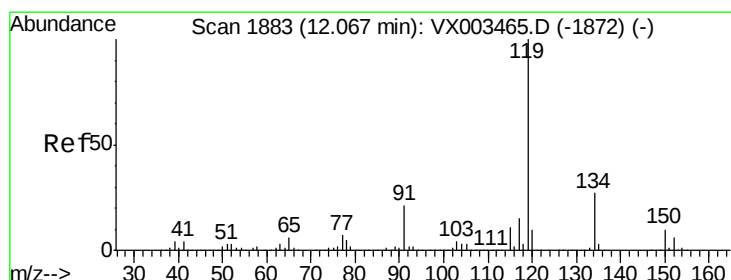
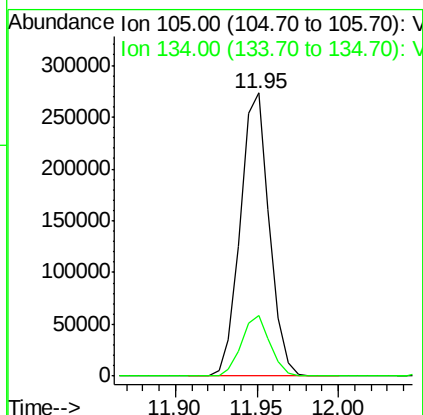
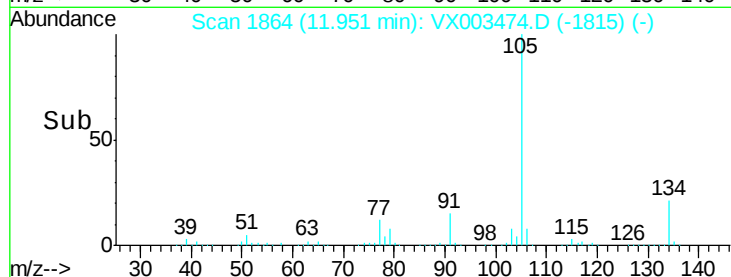
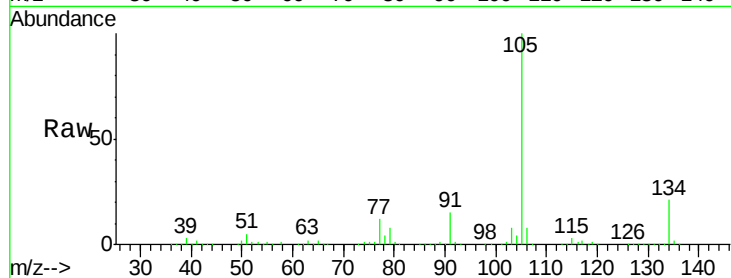
VX0719WBS01

Tot Ion:105 Resp: 338468

Ion Ratio Lower Upper

105 100

134 21.1 10.4 31.1



#86

p-Isopropyltoluene

Concen: 20.22 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

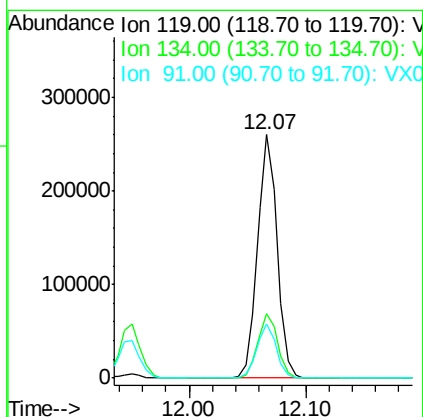
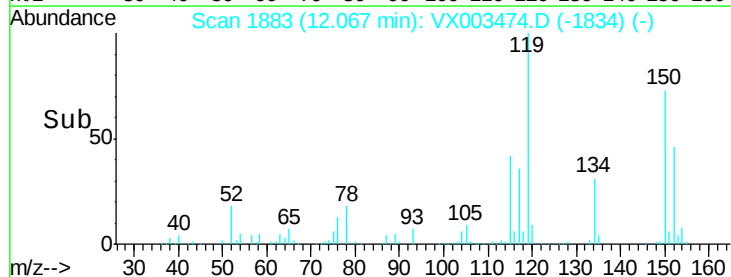
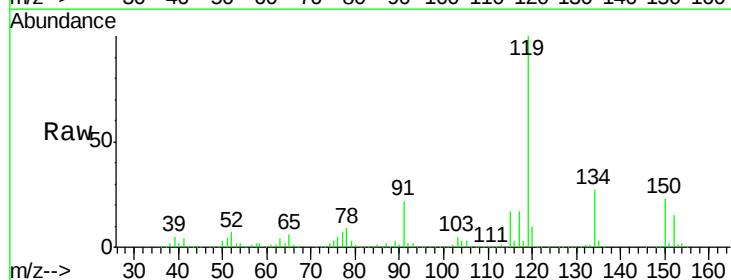
Tgt Ion:119 Resp: 305350

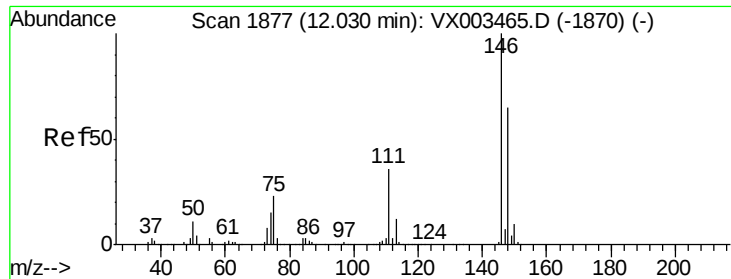
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 22.2 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 19.22 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

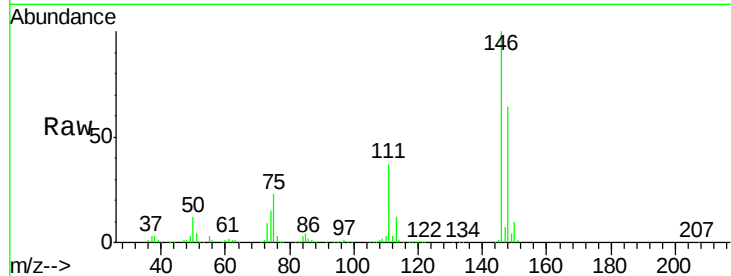
Tot Ion:146 Resp: 174916

Ion Ratio Lower Upper

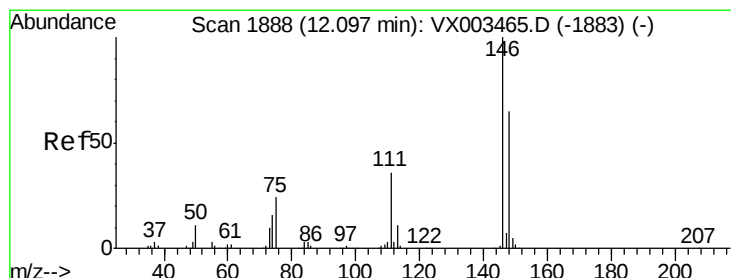
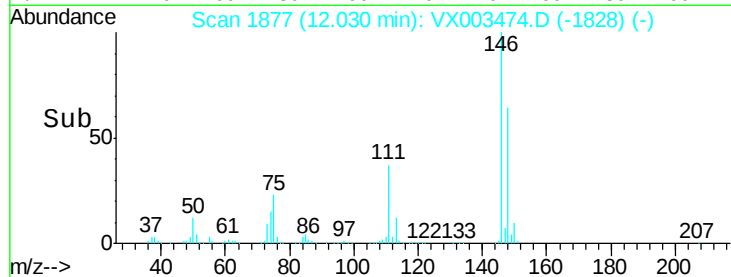
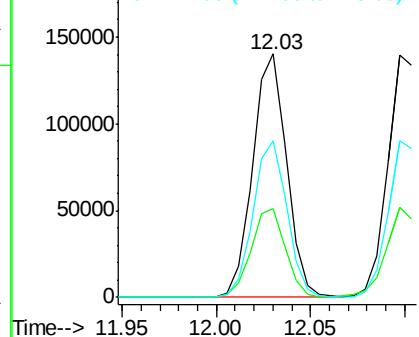
146 100

111 37.0 18.9 56.7

148 64.2 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.90 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.00 min

Lab File: VX003474.D

Acq: 19 Jul 2018 20:35

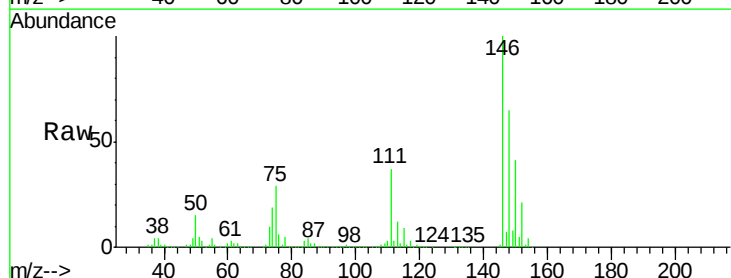
Tgt Ion:146 Resp: 177200

Ion Ratio Lower Upper

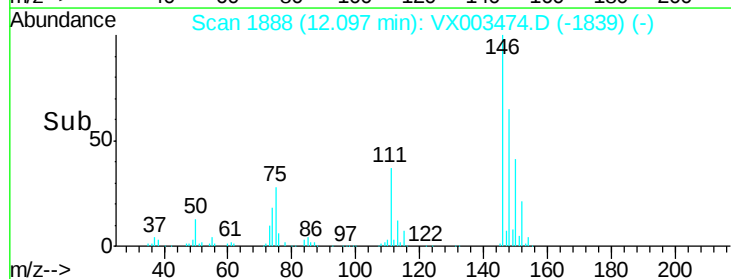
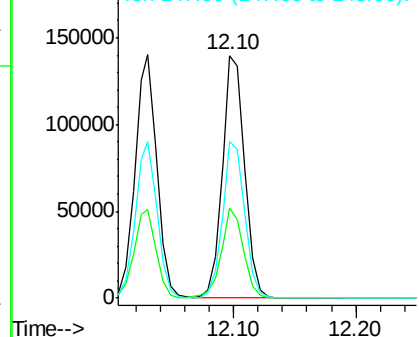
146 100

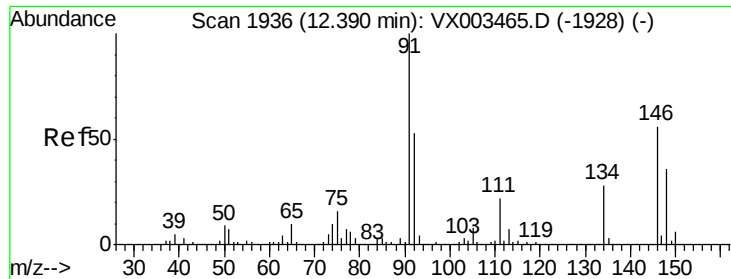
111 36.8 18.7 56.1

148 64.4 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

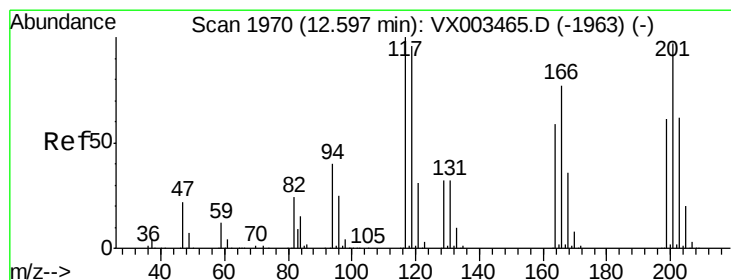
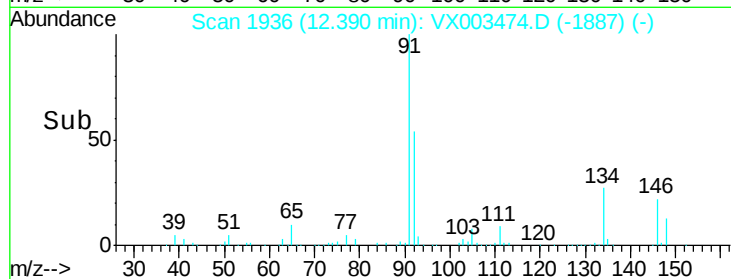
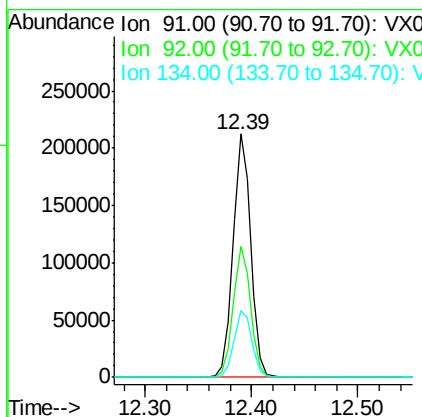
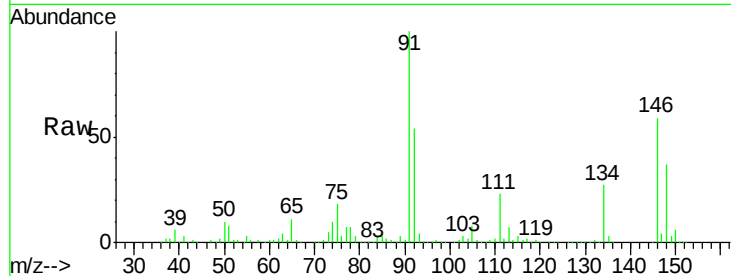




#89
n-Butylbenzene
Concen: 19.29 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003474.D
Acq: 19 Jul 2018 20:35

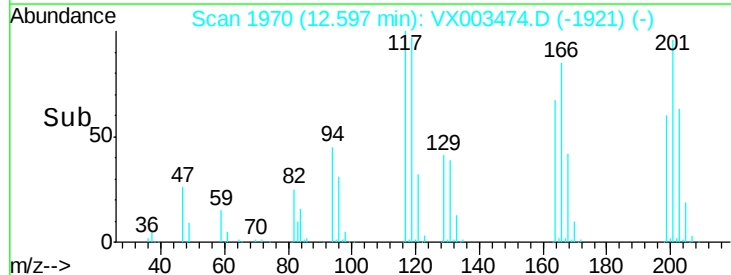
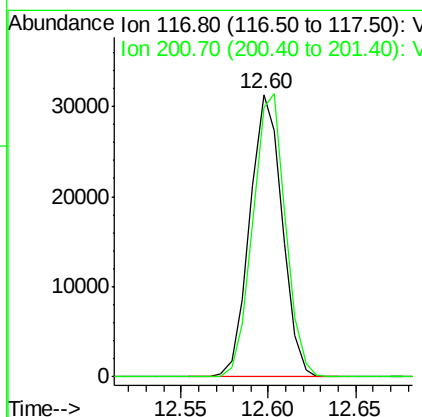
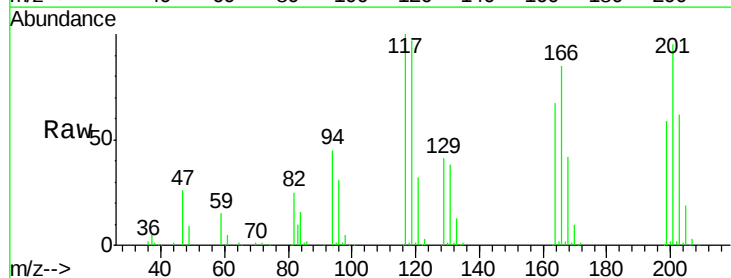
Instrument :
MSVOA_X
ClientSampled :
VX0719WBS01

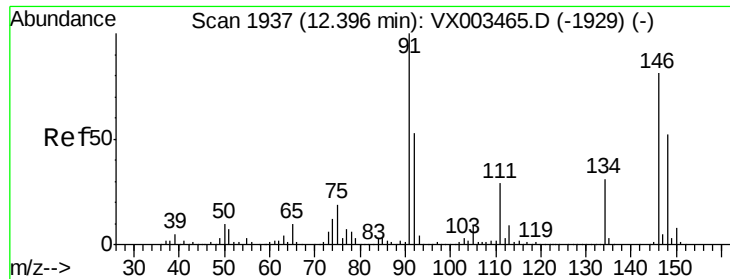
Tot Ion: 91 Resp: 247326
Ion Ratio Lower Upper
91 100
92 53.0 26.0 78.0
134 27.8 13.5 40.5



#90
Hexachloroethane
Concen: 18.91 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003474.D
Acq: 19 Jul 2018 20:35

Tgt Ion: 117 Resp: 40590
Ion Ratio Lower Upper
117 100
201 100.7 49.0 147.0

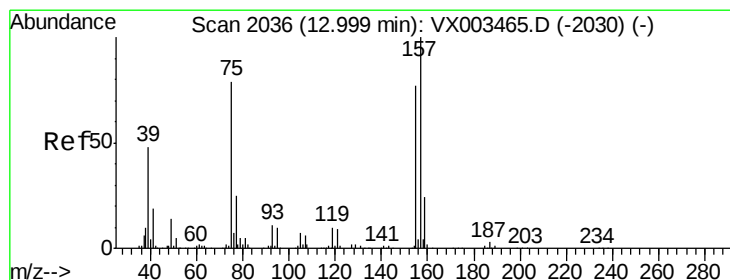
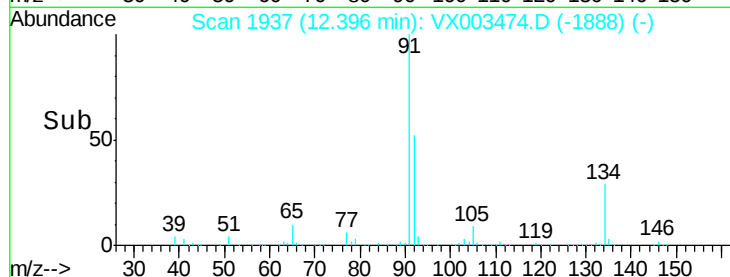
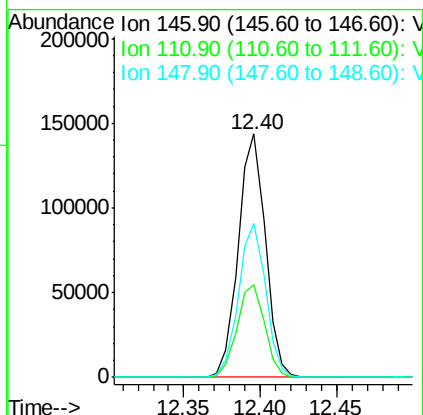
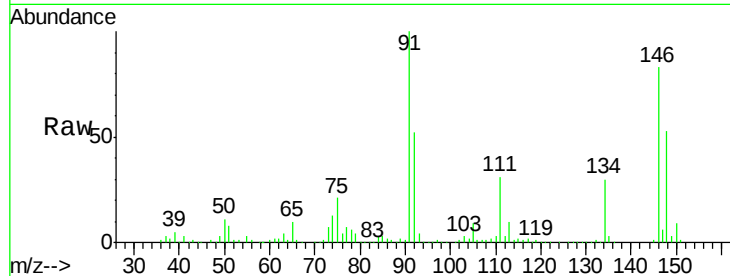




#91
 1,2-Dichlorobenzene
 Concen: 19.67 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003474.D
 Acq: 19 Jul 2018 20:35

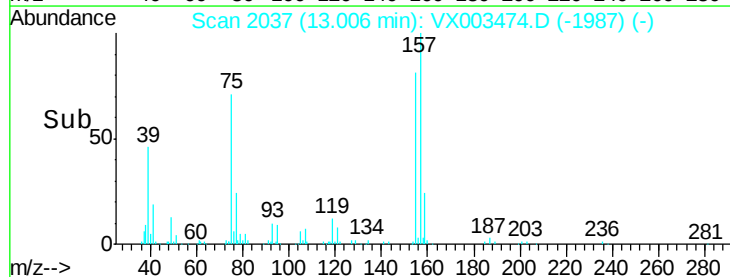
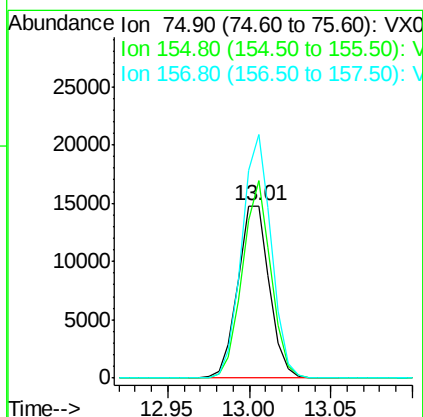
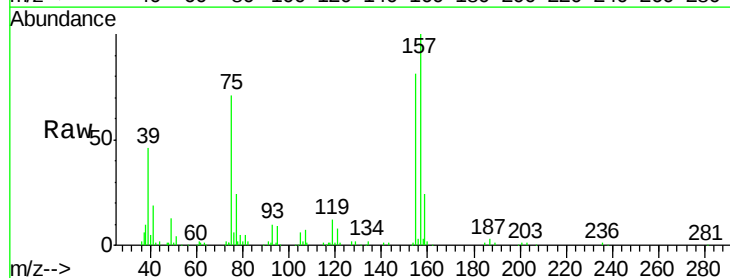
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBS01

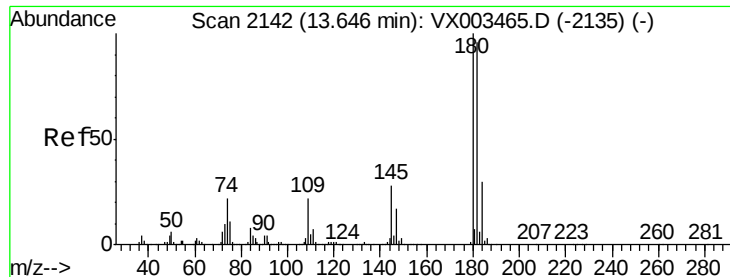
Tot Ion:146 Resp: 176402
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.4 58.1
 148 63.5 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.26 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VX003474.D
 Acq: 19 Jul 2018 20:35

Tgt Ion: 75 Resp: 19889
 Ion Ratio Lower Upper
 75 100
 155 103.4 45.8 137.4
 157 131.8 60.1 180.3

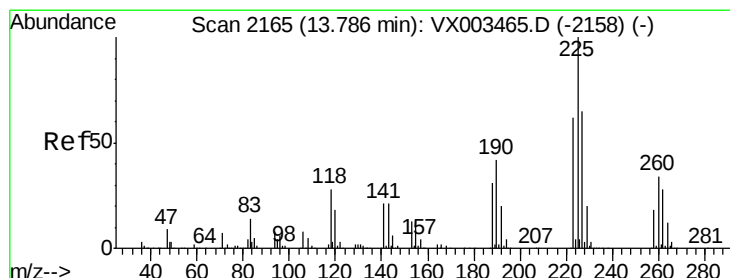
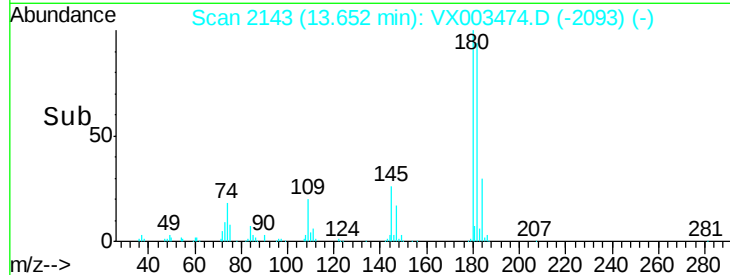
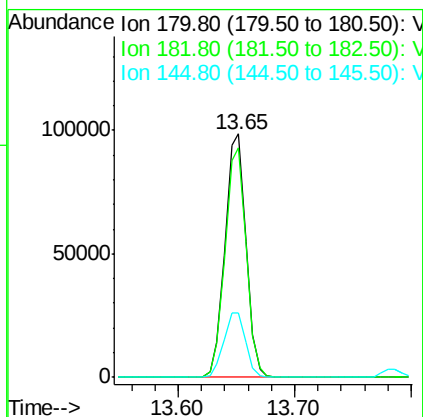
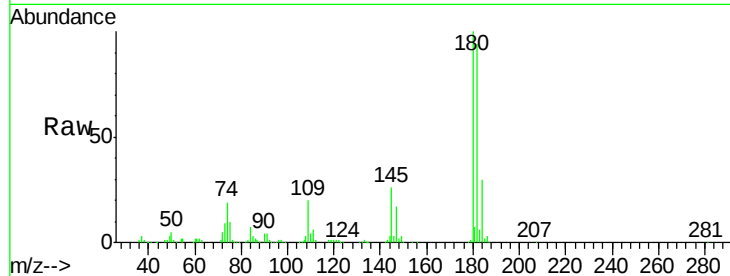




#93
 1,2,4-Trichlorobenzene
 Concen: 18.67 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VX003474.D
 Acq: 19 Jul 2018 20:35

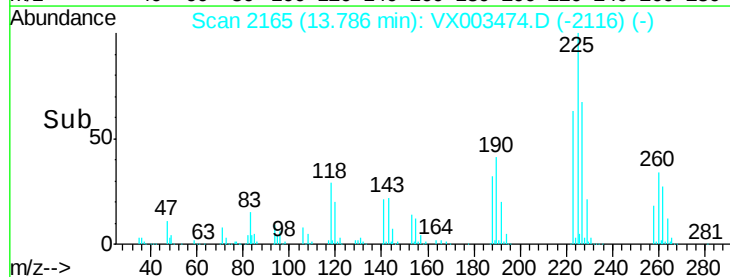
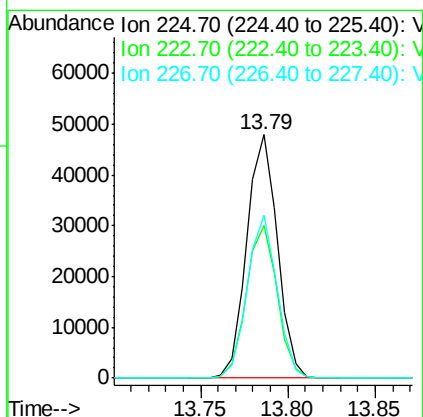
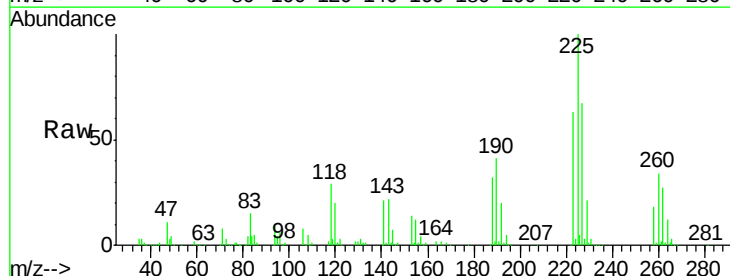
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBS01

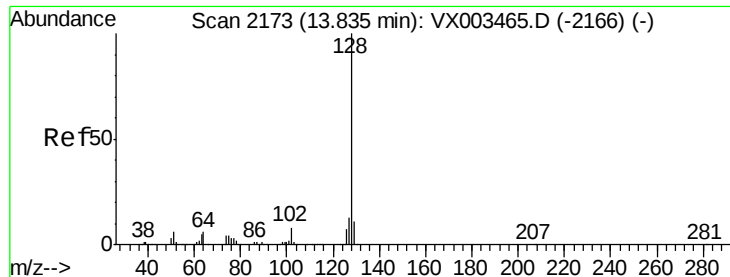
Tot Ion:180 Resp: 122719
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.7 143.1
 145 27.6 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 18.38 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003474.D
 Acq: 19 Jul 2018 20:35

Tgt Ion:225 Resp: 58106
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.6 95.0
 227 64.9 32.4 97.2

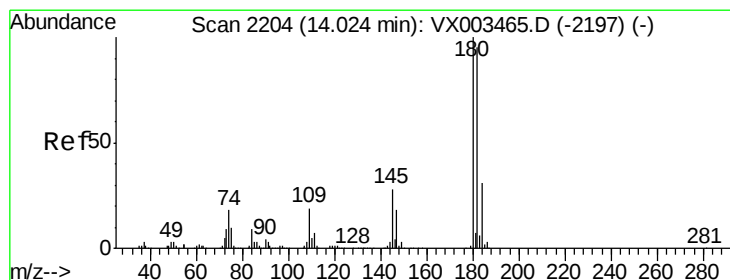
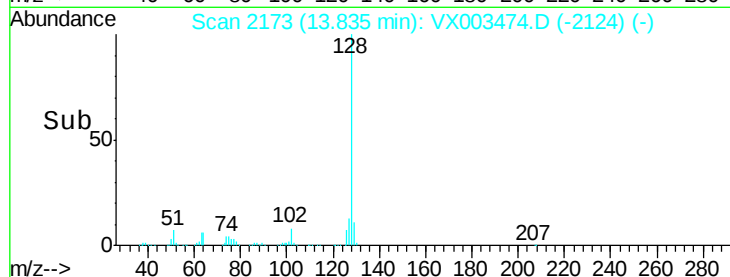
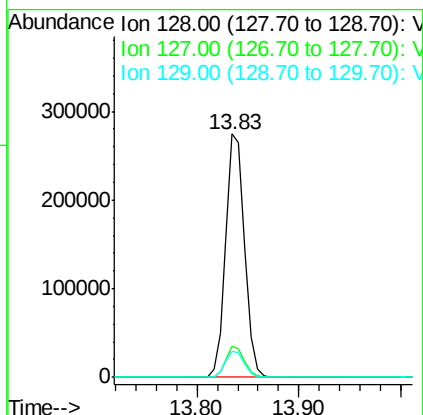
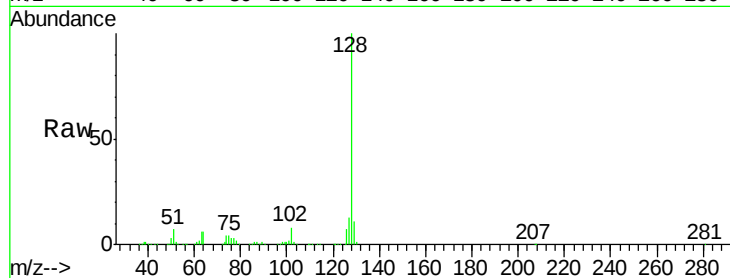




#95
Naphthalene
Concen: 20.29 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX003474.D
Acq: 19 Jul 2018 20:35

Instrument :
MSVOA_X
ClientSampleId :
VX0719WBS01

Tot Ion:128 Resp: 350390
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.08 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX003474.D
Acq: 19 Jul 2018 20:35

Tgt Ion:180 Resp: 124114
Ion Ratio Lower Upper
180 100
182 95.9 48.0 144.0
145 29.2 14.8 44.3

