

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100920\
 Data File : VX018849.D
 Acq On : 09 Oct 2020 11:07
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VHBLK01

Quant Time: Oct 09 13:38:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 09 13:36:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	199044	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	306928	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	290150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	141783	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	4510	1.58	ug/l	0.00
Spiked Amount			Recovery	=	3.16%	
35) Dibromofluoromethane	5.46	113	3557	1.66	ug/l	-0.01
Spiked Amount			Recovery	=	3.32%	
50) Toluene-d8	8.70	98	7799	1.01	ug/l	0.00
Spiked Amount			Recovery	=	2.02%	
62) 4-Bromofluorobenzene	11.12	95	2557	0.83	ug/l	0.00
Spiked Amount			Recovery	=	1.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	1400	0.717	ug/l	72
3) Chloromethane	1.31	50	2173	1.005	ug/l	100
4) Vinyl Chloride	1.40	62	2258	0.983	ug/l	98
5) Bromomethane	1.64	94	1406	1.033	ug/l	97
6) Chloroethane	1.72	64	1705	1.279	ug/l #	62
7) Trichlorofluoromethane	1.92	101	4529	1.243	ug/l	99
8) Diethyl Ether	2.17	74	1615	1.304	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2126	1.112	ug/l	90
10) Methyl Iodide	2.49	142	1395	0.701	ug/l #	91
11) Tert butyl alcohol	2.99	59	4226	8.727	ug/l	94
12) 1,1-Dichloroethene	2.36	96	2650	1.387	ug/l #	69
13) Acrolein	2.28	56	2391	7.427	ug/l #	79
14) Allyl chloride	2.71	41	3639	0.994	ug/l #	90
15) Acrylonitrile	3.11	53	5193	4.589	ug/l	95
16) Acetone	2.42	43	9145	8.367	ug/l #	82
17) Carbon Disulfide	2.55	76	5913	1.039	ug/l #	94
18) Methyl Acetate	2.75	43	2935	1.127	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	6093	0.915	ug/l	97
20) Methylene Chloride	2.83	84	2828	1.203	ug/l #	83
21) trans-1,2-Dichloroethene	3.14	96	2426	1.090	ug/l #	86
22) Diisopropyl ether	3.82	45	6198	0.908	ug/l #	91
23) Vinyl Acetate	3.78	43	25929	4.219	ug/l	95
24) 1,1-Dichloroethane	3.67	63	4856	1.209	ug/l	96
25) 2-Butanone	4.64	43	8394	5.059	ug/l	97
26) 2,2-Dichloropropane	4.54	77	4495	1.196	ug/l	92
27) cis-1,2-Dichloroethene	4.57	96	2650	1.067	ug/l	94
28) Bromochloromethane	4.98	49	1954	1.051	ug/l #	50
29) Tetrahydrofuran	5.10	42	4239	4.164	ug/l #	49
30) Chloroform	5.18	83	5272	1.277	ug/l	93
31) Cyclohexane	5.54	56	3052	0.931	ug/l	90
32) 1,1,1-Trichloroethane	5.46	97	4865	1.253	ug/l #	38
36) 1,1-Dichloropropene	5.76	75	3828	1.279	ug/l	95
37) Ethyl Acetate	4.79	43	3308	1.044	ug/l #	94
38) Carbon Tetrachloride	5.74	117	4018	1.184	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.43	83	1498	0.457	ug/l #	74
40) Benzene	6.10	78	9563	1.121	ug/l	92
41) Methacrylonitrile	4.98	41	1150	0.652	ug/l #	35
42) 1,2-Dichloroethane	6.17	62	4899	1.439	ug/l	90
43) Isopropyl Acetate	6.40	43	5500	1.050	ug/l	92
44) Trichloroethene	7.18	130	2953	1.193	ug/l	93
45) 1,2-Dichloropropane	7.49	63	2601	1.116	ug/l	93
46) Dibromomethane	7.63	93	1777	1.101	ug/l	87
47) Bromodichloromethane	7.88	83	4075	1.236	ug/l #	96
48) Methyl methacrylate	7.74	41	2717	1.058	ug/l	95
49) 1,4-Dioxane	7.71	88	846	20.394	ug/l #	81
51) 4-Methyl-2-Pentanone	8.62	43	12600	4.021	ug/l	94
52) Toluene	8.77	92	5406	0.999	ug/l	94
53) t-1,3-Dichloropropene	9.02	75	3757	1.011	ug/l	95
54) cis-1,3-Dichloropropene	8.41	75	3890	1.024	ug/l #	82
55) 1,1,2-Trichloroethane	9.20	97	2540	1.133	ug/l #	90
56) Ethyl methacrylate	9.16	69	2464	0.750	ug/l #	75
57) 1,3-Dichloropropane	9.35	76	3803	1.010	ug/l	93
58) 2-Chloroethyl Vinyl ether	8.29	63	7444	4.240	ug/l	94
59) 2-Hexanone	9.47	43	9222	3.870	ug/l	98
60) Dibromochloromethane	9.56	129	3039	1.128	ug/l	93
61) 1,2-Dibromoethane	9.66	107	2605	1.090	ug/l	100
64) Tetrachloroethene	9.31	164	2782	1.223	ug/l	86
65) Chlorobenzene	10.12	112	6607	1.099	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	2597	1.076	ug/l #	68
67) Ethyl Benzene	10.23	91	10161	0.975	ug/l	91
68) m/p-Xylenes	10.34	106	7119	1.802	ug/l	96
69) o-Xylene	10.69	106	3232	0.867	ug/l	94
70) Styrene	10.70	104	5010	0.780	ug/l	97
71) Bromoform	10.84	173	2297	1.127	ug/l #	83
73) Isopropylbenzene	11.00	105	7879	0.830	ug/l	98
74) N-amyl acetate	10.88	43	3010	0.717	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.26	83	3421	1.099	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	4370	1.470	ug/l	91
77) Bromobenzene	11.23	156	2573	0.983	ug/l	96
78) n-propylbenzene	11.34	91	9414	0.852	ug/l	96
79) 2-Chlorotoluene	11.40	91	6299	0.939	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	6326	0.778	ug/l	88
81) trans-1,4-Dichloro-2-buten	11.05	75	1192	1.044	ug/l	87
82) 4-Chlorotoluene	11.49	91	6919	0.866	ug/l	98
83) tert-Butylbenzene	11.76	119	7058	0.893	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	7028	0.861	ug/l	99
85) sec-Butylbenzene	11.93	105	7730	0.833	ug/l	93
86) p-Isopropyltoluene	12.05	119	6973	0.813	ug/l	86
87) 1,3-Dichlorobenzene	12.01	146	4989	1.060	ug/l	95
88) 1,4-Dichlorobenzene	12.01	146	4989	1.050	ug/l	95
89) n-Butylbenzene	12.37	91	6710	0.855	ug/l	97
90) Hexachloroethane	12.58	117	1700	1.011	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	4704	1.065	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.98	75	839	1.102	ug/l	93

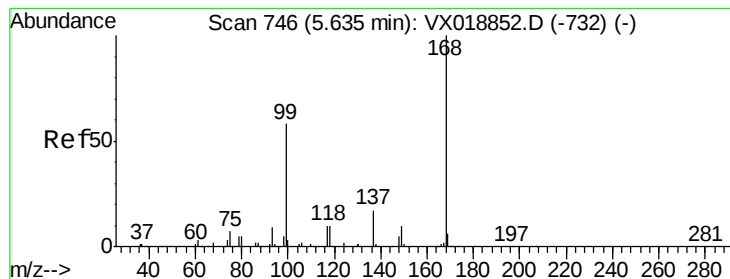
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100920\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	2709	0.889	ug/l	95
94) Hexachlorobutadiene	13.77	225	1357	1.060	ug/l	82
95) Naphthalene	13.82	128	6063	0.660	ug/l #	93
96) 1,2,3-Trichlorobenzene	14.01	180	2687	0.921	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

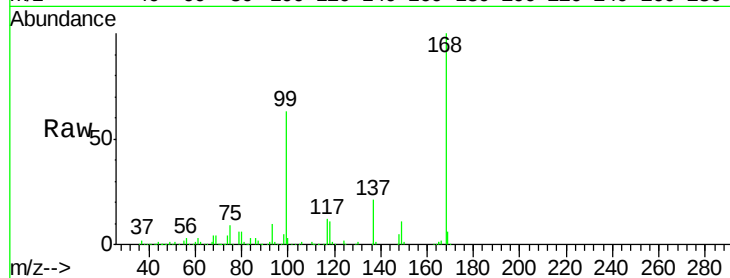
VHBLK01

Tgt Ion:168 Resp: 199044

Ion Ratio Lower Upper

168 100

99 62.4 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

80000

60000

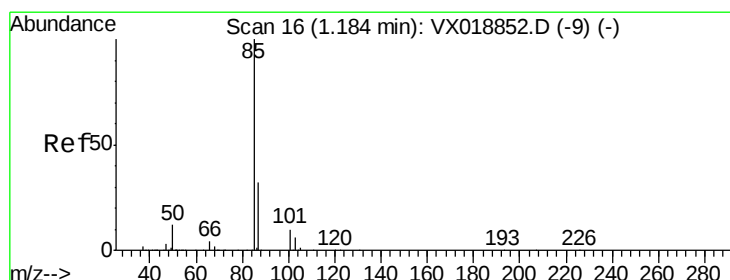
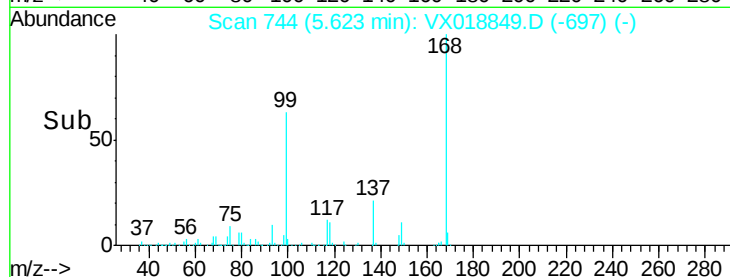
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.717 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018849.D

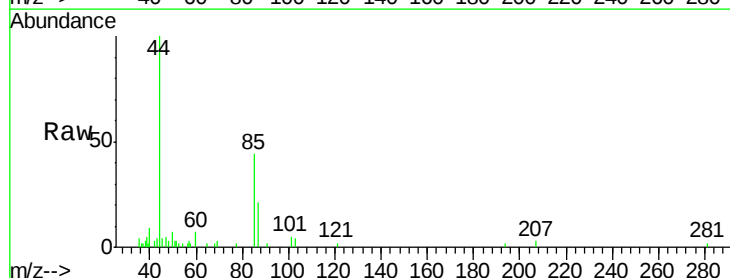
Acq: 09 Oct 2020 11:07

Tgt Ion: 85 Resp: 1400

Ion Ratio Lower Upper

85 100

87 47.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

1500

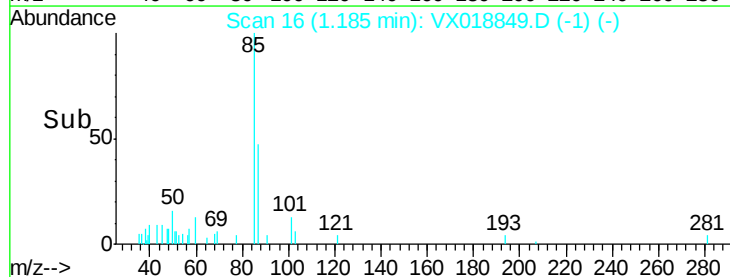
1000

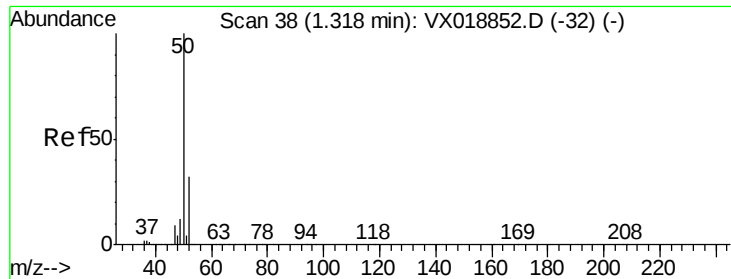
500

0

Time-->

1.15 1.20





#3

Chloromethane

Concen: 1.005 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

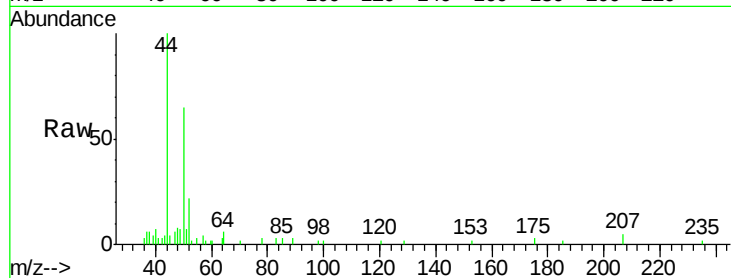
VHBLK01

Tgt Ion: 50 Resp: 2173

Ion Ratio Lower Upper

50 100

52 31.7 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

2000

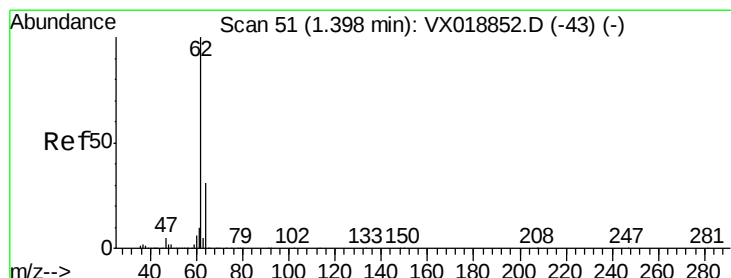
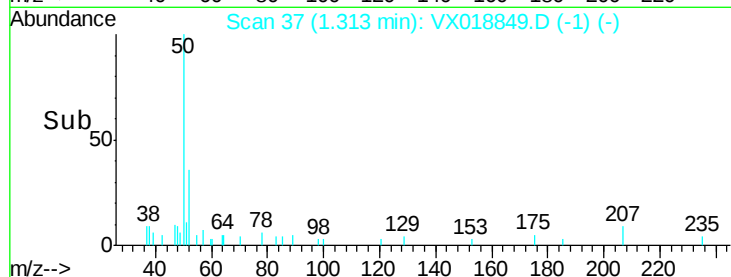
1500

1000

500

0

Time-->



#4

Vinyl Chloride

Concen: 0.983 ug/l

RT: 1.40 min Scan# 51

Delta R.T. 0.00 min

Lab File: VX018849.D

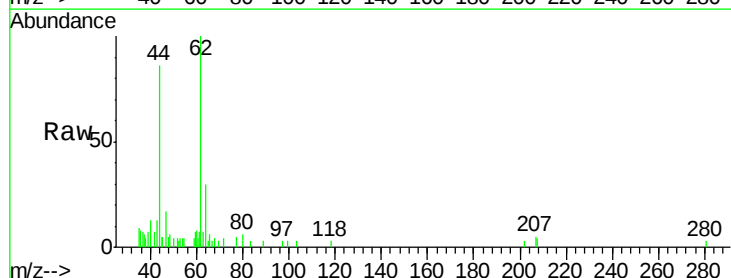
Acq: 09 Oct 2020 11:07

Tgt Ion: 62 Resp: 2258

Ion Ratio Lower Upper

62 100

64 29.9 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

2000

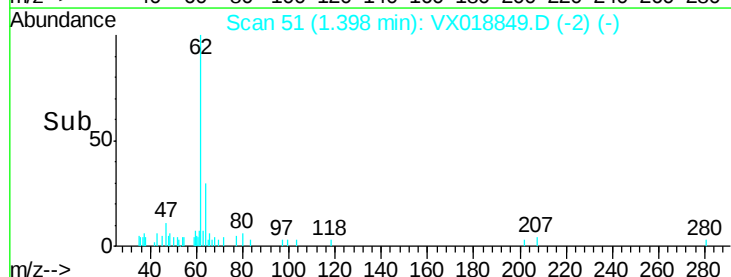
1500

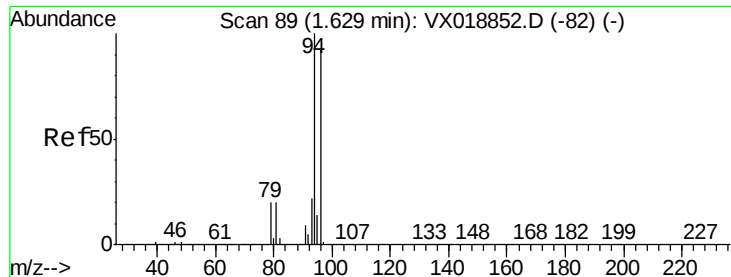
1000

500

0

Time-->





#5

Bromomethane

Concen: 1.033 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

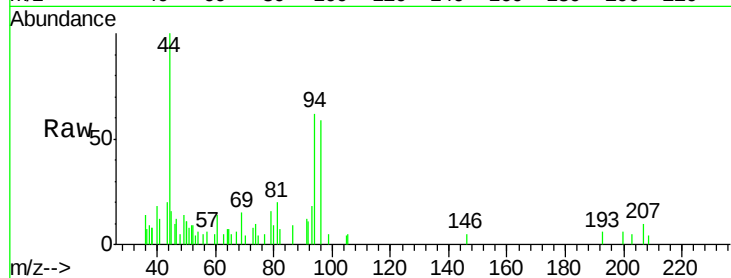
VHBLK01

Tgt Ion: 94 Resp: 1406

Ion Ratio Lower Upper

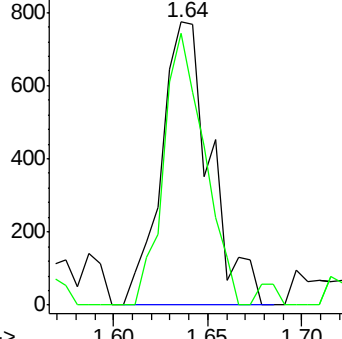
94 100

96 96.0 74.5 111.7

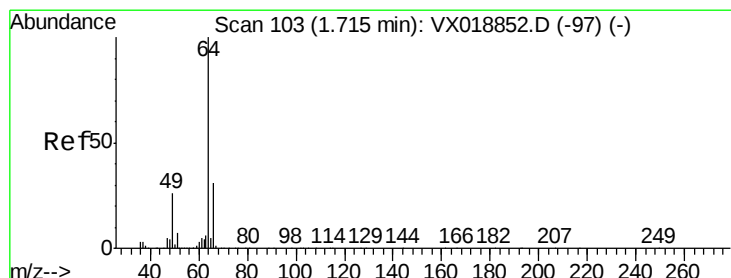
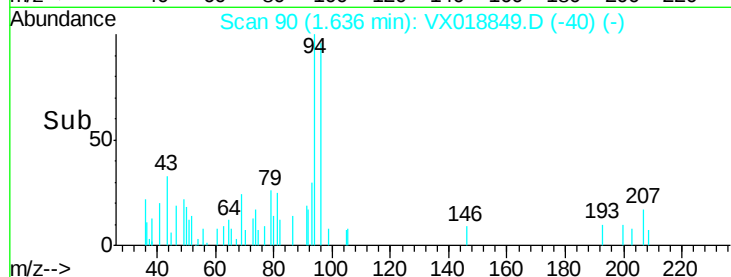


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 1.279 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018849.D

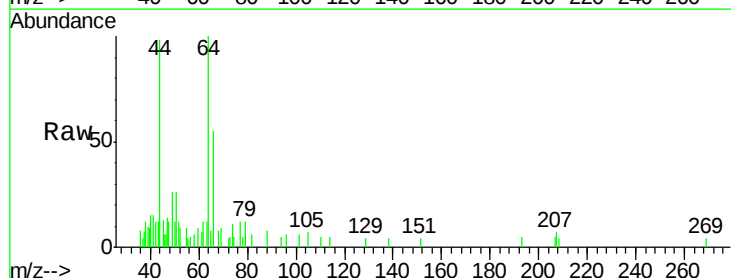
Acq: 09 Oct 2020 11:07

Tgt Ion: 64 Resp: 1705

Ion Ratio Lower Upper

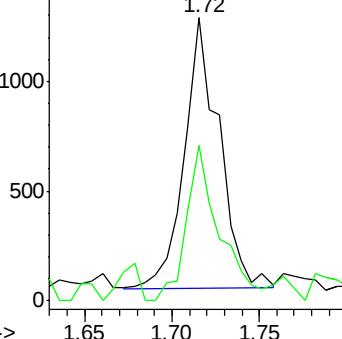
64 100

66 51.7 24.7 37.1#

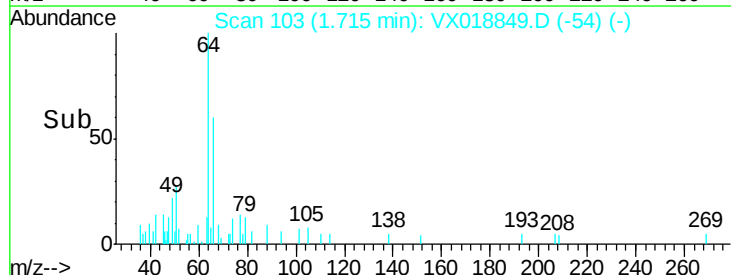


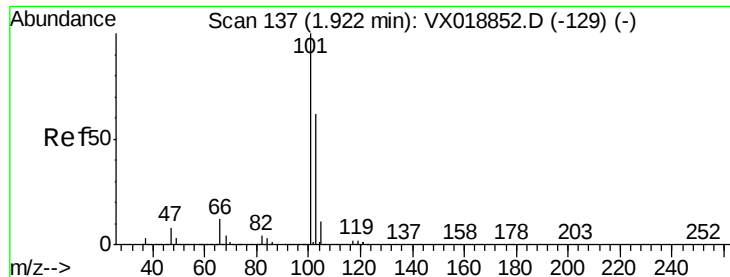
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->



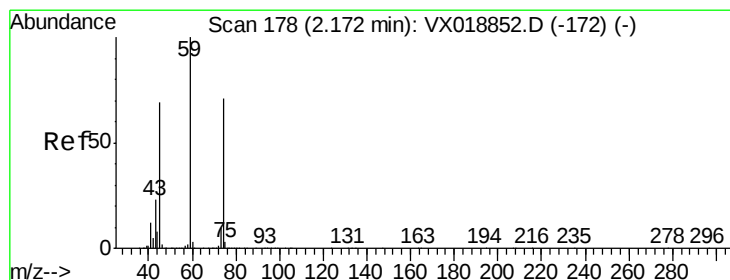
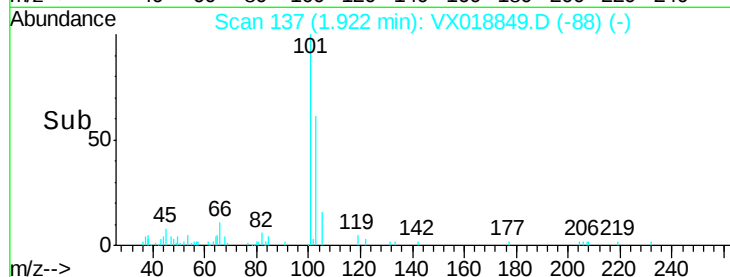
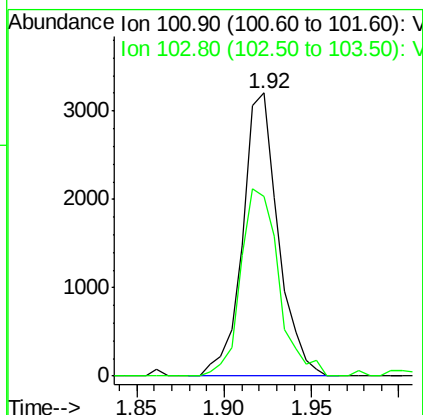
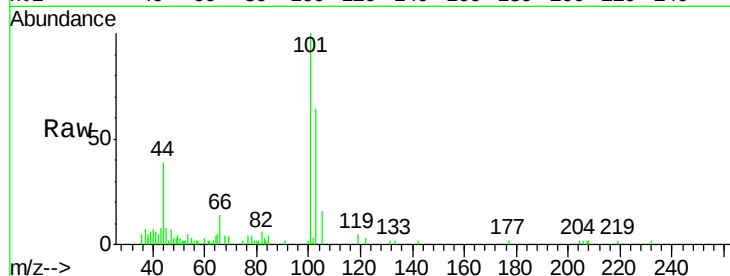


#7

Trichlorofluoromethane
 Concen: 1.243 ug/l
 RT: 1.92 min Scan# 137
 Delta R.T. 0.00 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

Instrument :
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 VHBLK01

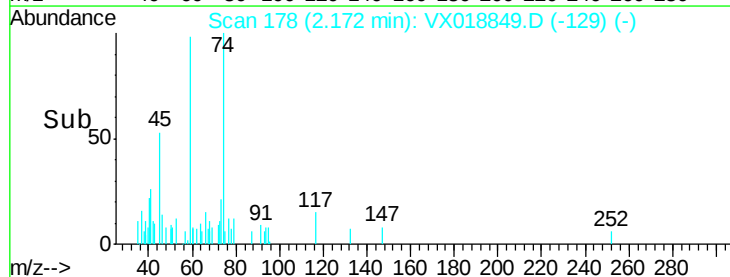
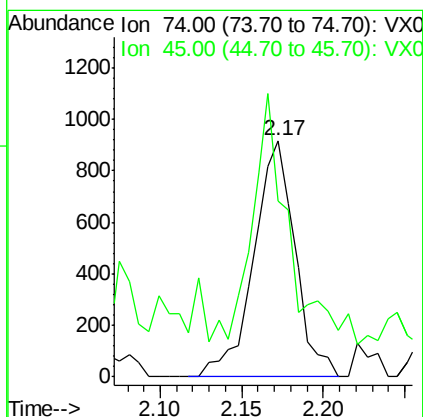
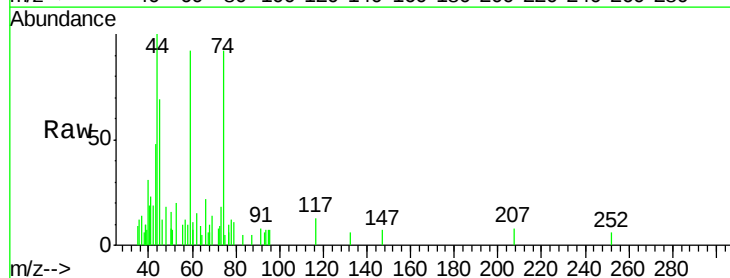
Tgt Ion:101 Resp: 4529
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.0 75.0

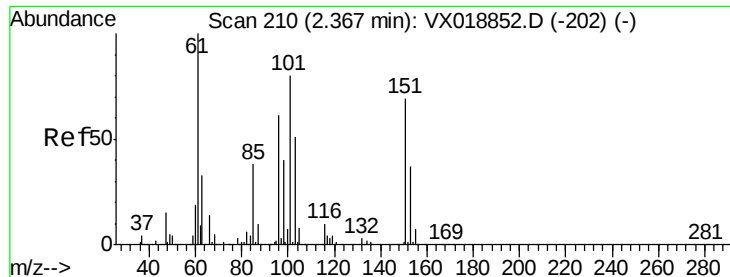


#8

Diethyl Ether
 Concen: 1.304 ug/l
 RT: 2.17 min Scan# 178
 Delta R.T. 0.00 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

Tgt Ion: 74 Resp: 1615
 Ion Ratio Lower Upper
 74 100
 45 97.6 47.0 141.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.112 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampled :

VHBLK01

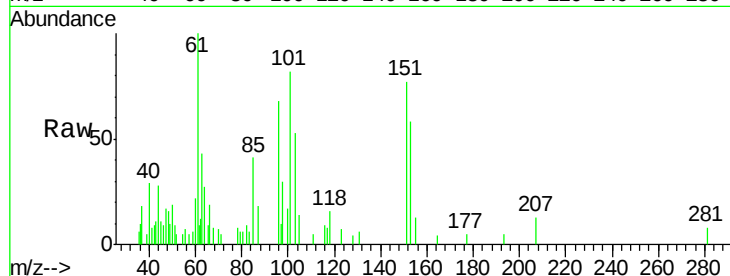
Tgt Ion:101 Resp: 2126

Ion Ratio Lower Upper

101 100

85 50.8 36.6 55.0

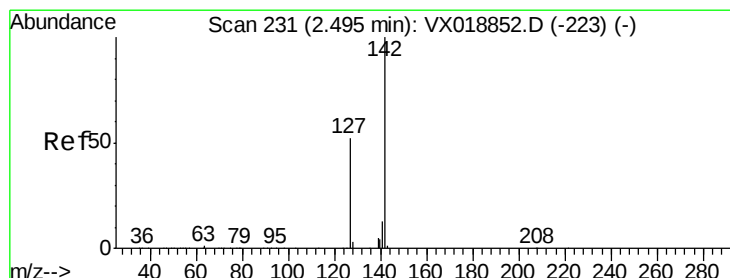
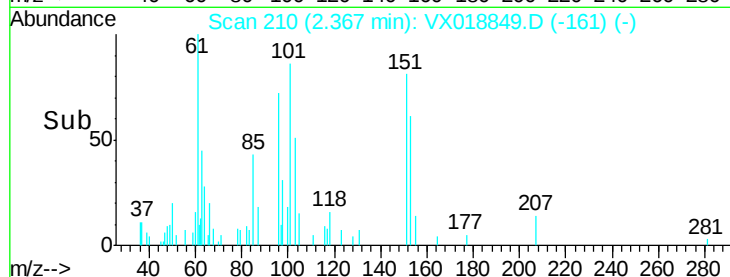
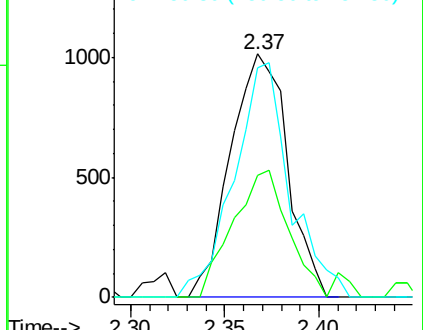
151 94.9 67.2 100.8



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: 0.701 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

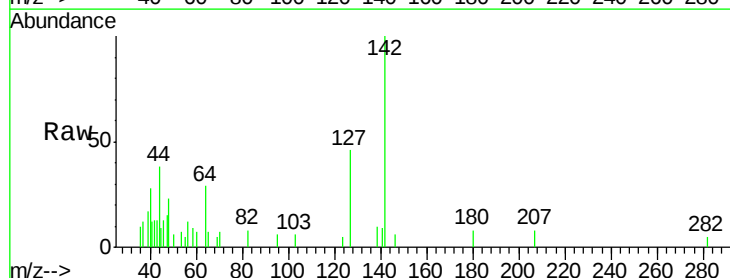
Tgt Ion:142 Resp: 1395

Ion Ratio Lower Upper

142 100

127 58.6 42.0 63.0

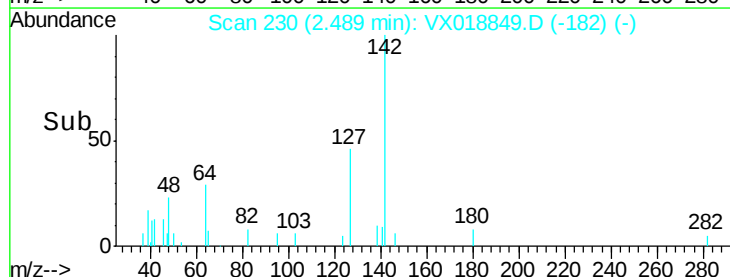
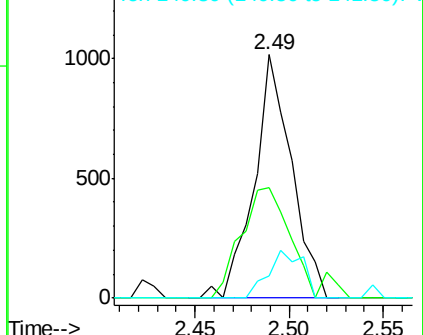
141 18.1 11.8 17.6#

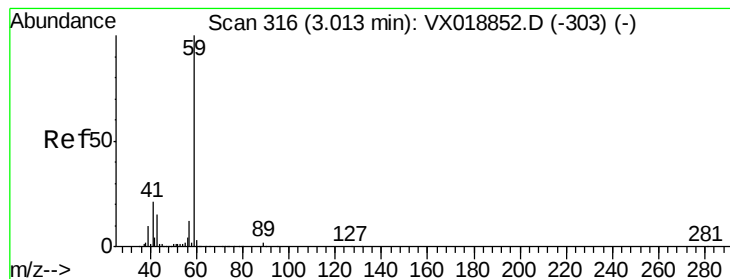


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



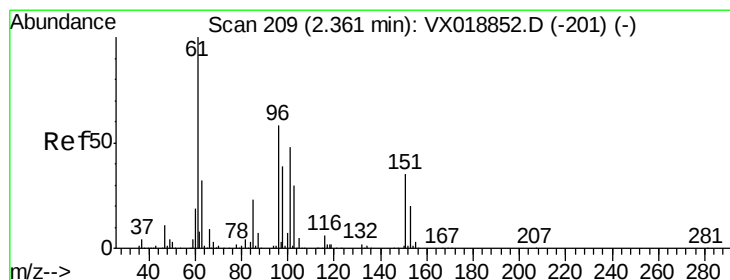
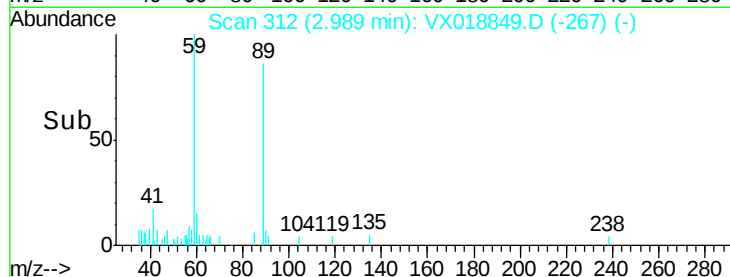
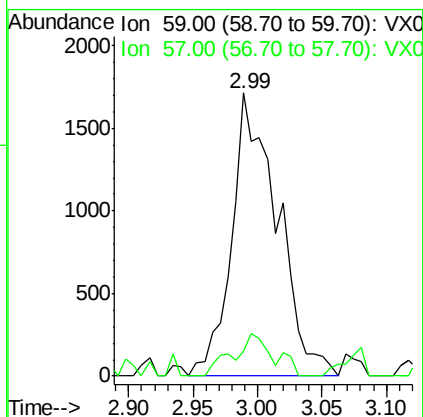
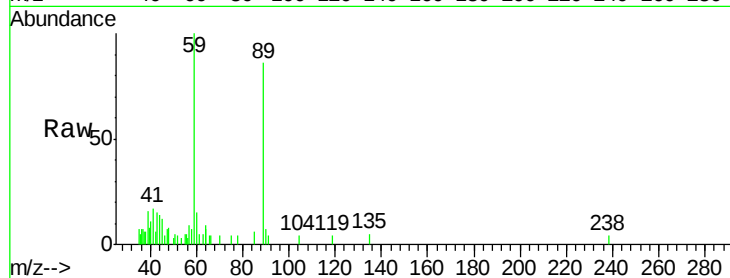


#11

Tert butyl alcohol
 Concen: 8.727 ug/l
 RT: 2.99 min Scan# 312
 Delta R.T. -0.02 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VHBLK01

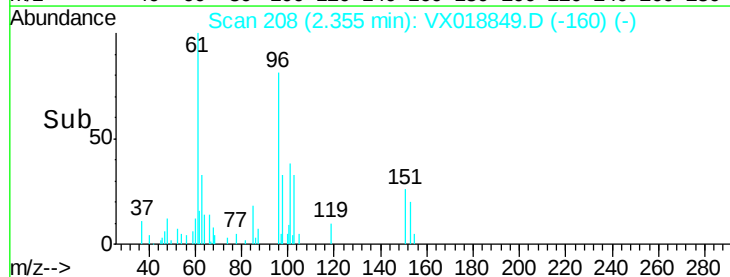
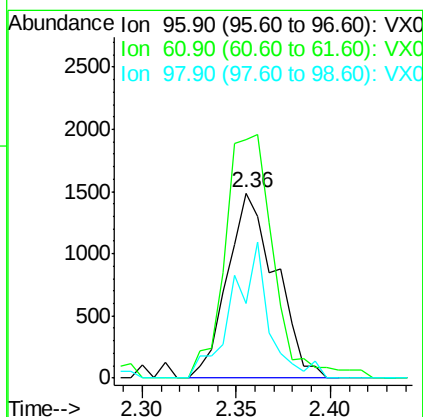
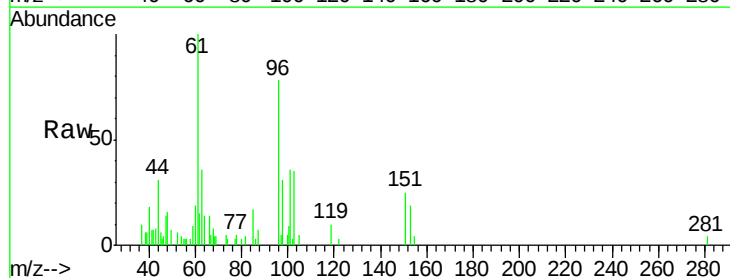
Tgt Ion: 59 Resp: 4226
 Ion Ratio Lower Upper
 59 100
 57 13.5 9.0 13.6

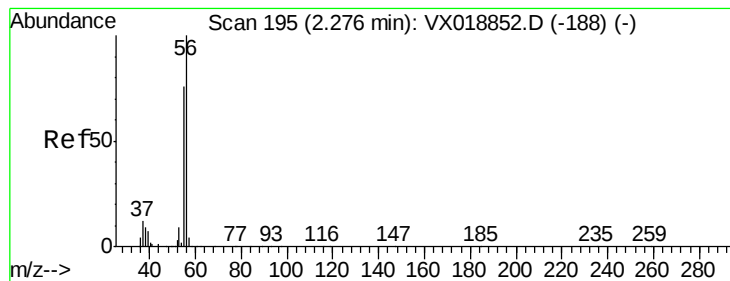


#12

1,1-Dichloroethene
 Concen: 1.387 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.01 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

Tgt Ion: 96 Resp: 2650
 Ion Ratio Lower Upper
 96 100
 61 129.0 137.0 205.6#
 98 40.5 53.9 80.9#





#13

Acrolein

Concen: 7.427 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

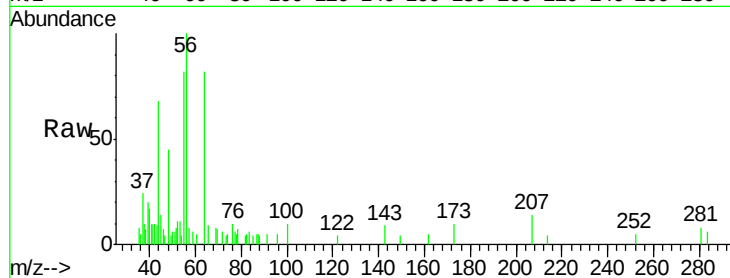
VHBLK01

Tgt Ion: 56 Resp: 2391

Ion Ratio Lower Upper

56 100

55 90.8 58.6 87.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

1500

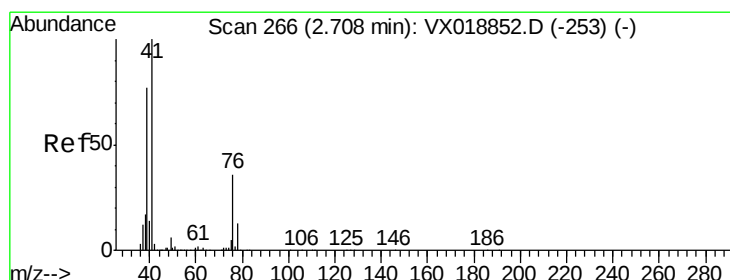
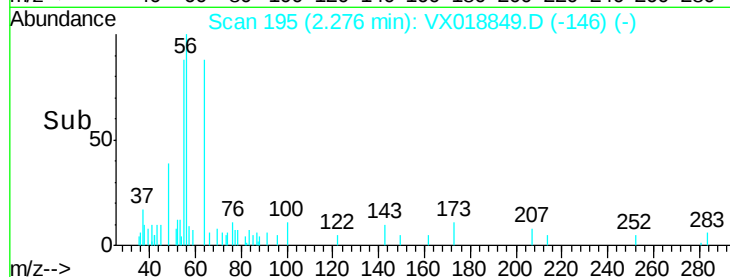
1000

500

0

2.20 2.25 2.30 2.35

Time-->



#14

Allyl chloride

Concen: 0.994 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

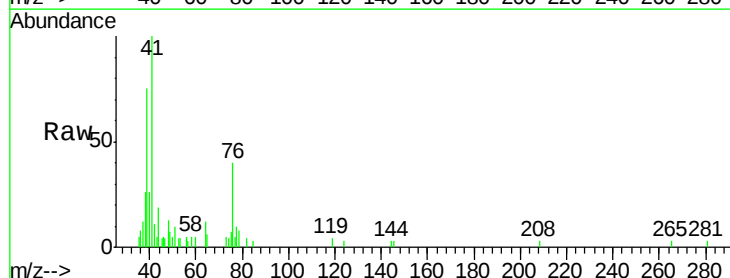
Tgt Ion: 41 Resp: 3639

Ion Ratio Lower Upper

41 100

39 78.8 57.8 86.8

76 41.7 26.8 40.2#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.71

2000

1500

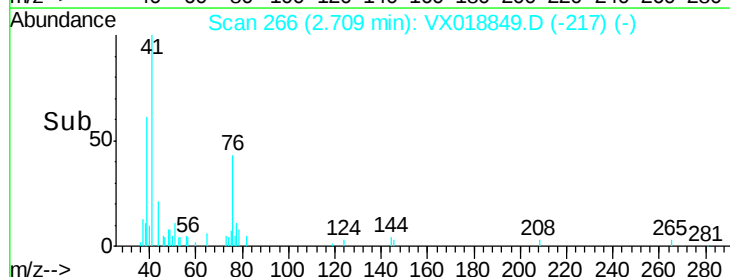
1000

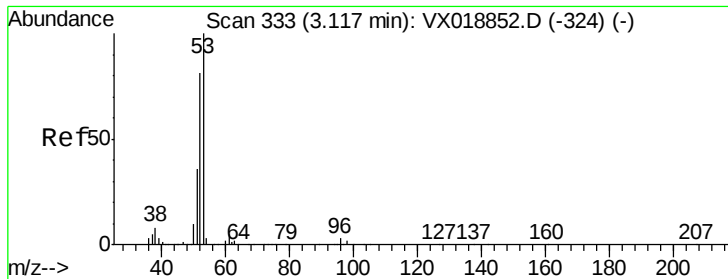
500

0

2.65 2.70 2.75 2.80

Time-->





#15

Acrylonitrile

Concen: 4.589 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VHBLK01

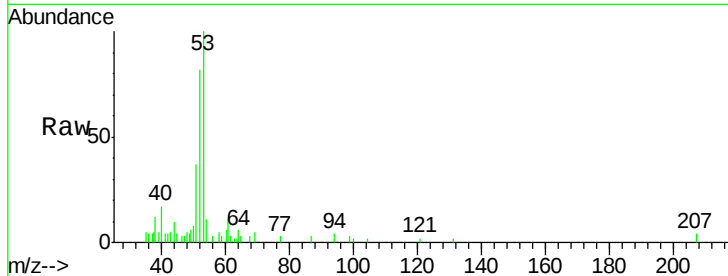
Tgt Ion: 53 Resp: 5193

Ion Ratio Lower Upper

53 100

52 79.8 66.7 100.1

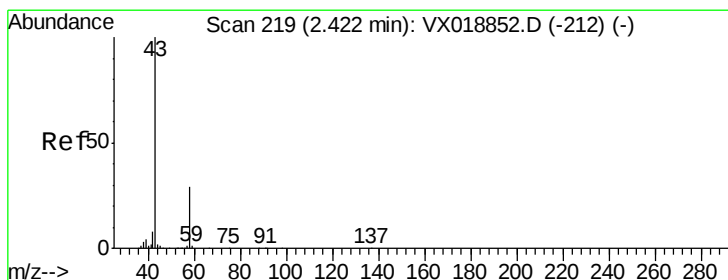
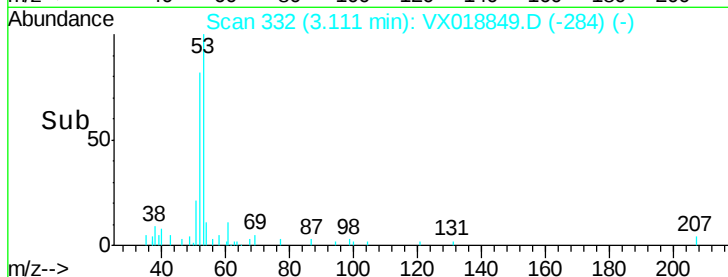
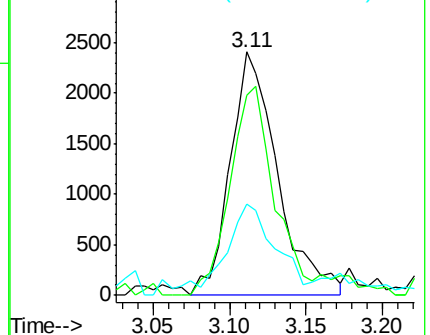
51 42.0 30.3 45.5



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 8.367 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018849.D

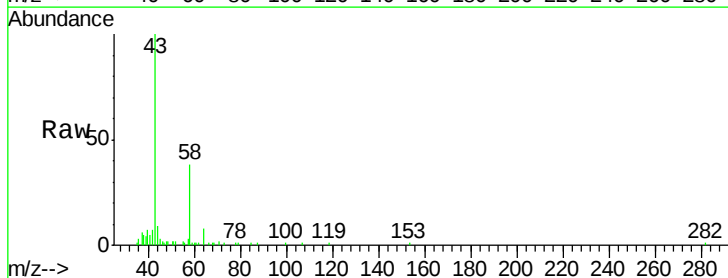
Acq: 09 Oct 2020 11:07

Tgt Ion: 43 Resp: 9145

Ion Ratio Lower Upper

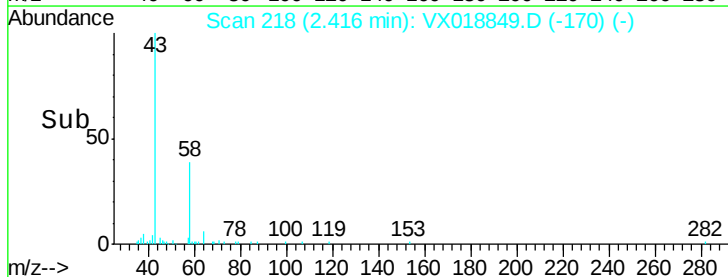
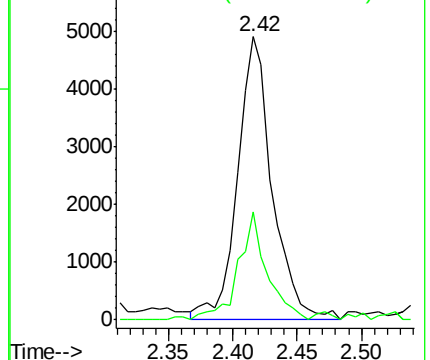
43 100

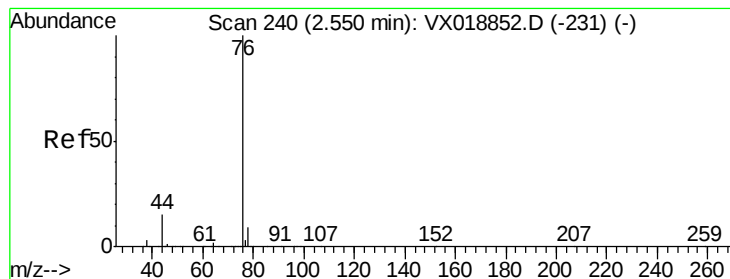
58 38.1 23.0 34.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 1.039 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

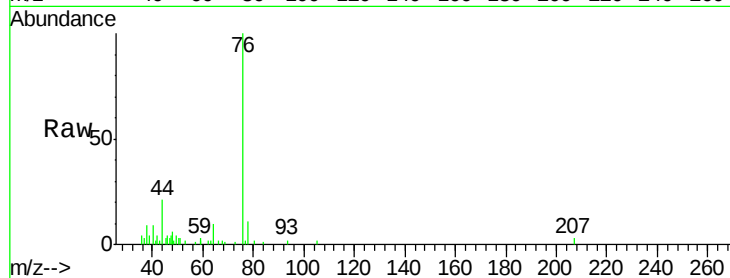
VHBLK01

Tgt Ion: 76 Resp: 5913

Ion Ratio Lower Upper

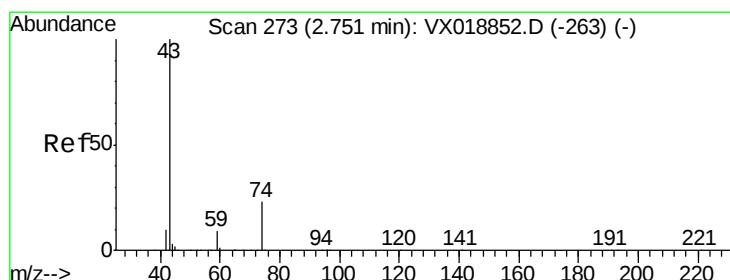
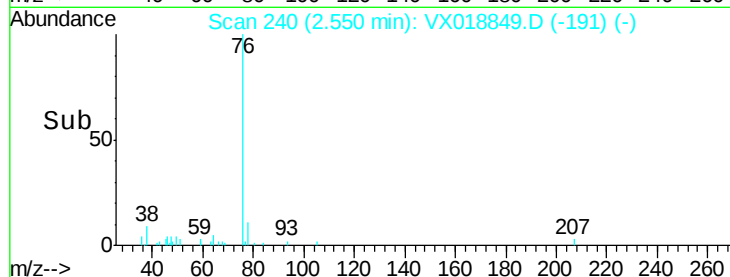
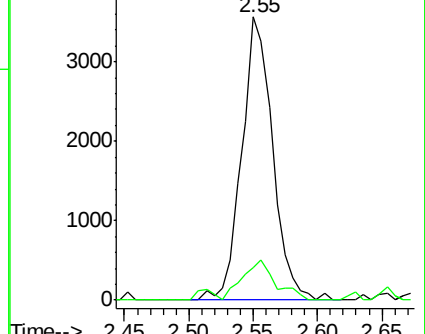
76 100

78 11.4 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 1.127 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX018849.D

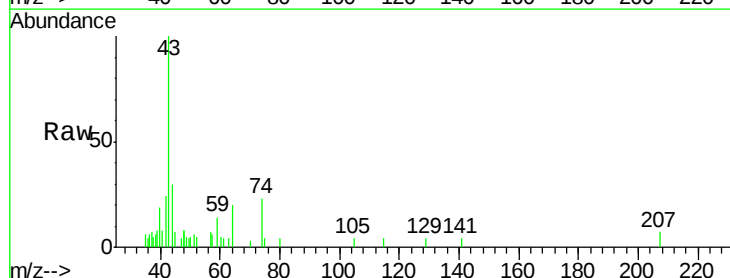
Acq: 09 Oct 2020 11:07

Tgt Ion: 43 Resp: 2935

Ion Ratio Lower Upper

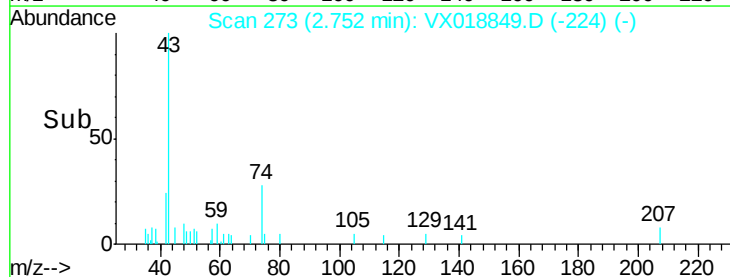
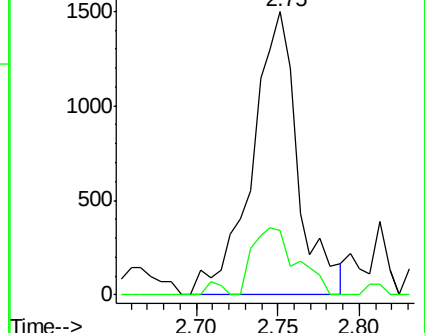
43 100

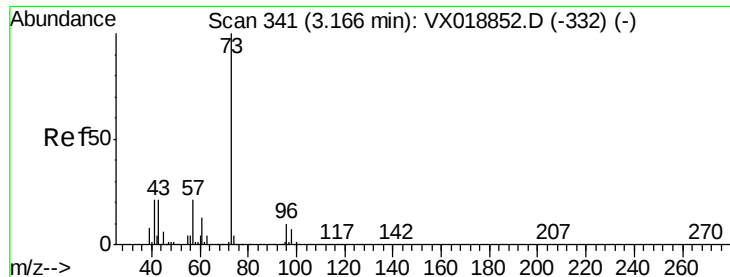
74 22.8 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 0.915 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

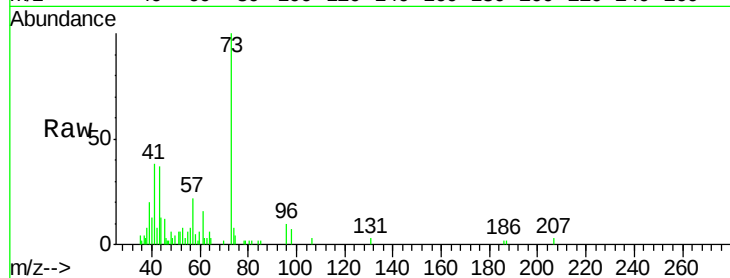
VHBLK01

Tgt Ion: 73 Resp: 6093

Ion Ratio Lower Upper

73 100

57 22.1 16.7 25.1



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.17

2500

2000

1500

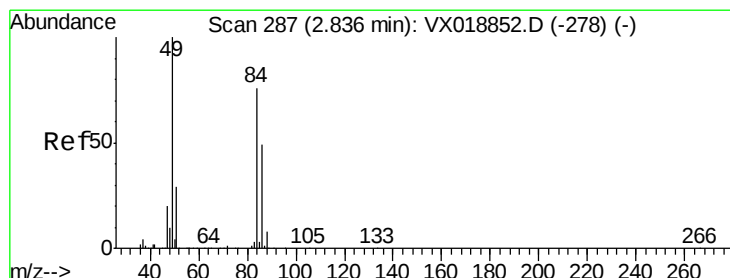
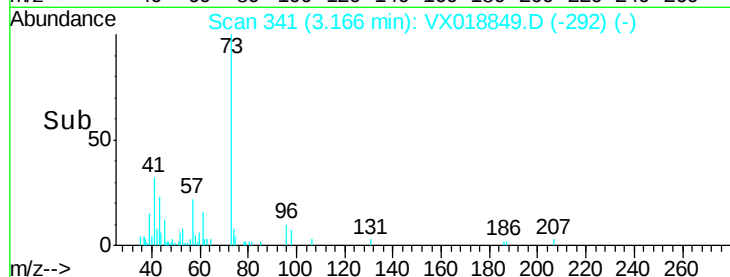
1000

500

0

Time-->

3.10 3.15 3.20 3.25



#20

Methylene Chloride

Concen: 1.203 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Tgt Ion: 84 Resp: 2828

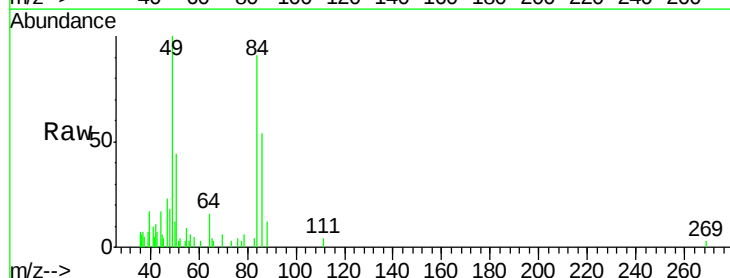
Ion Ratio Lower Upper

84 100

49 102.3 104.8 157.2#

51 39.5 30.6 46.0

86 55.4 50.8 76.2



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

2500

2000

1500

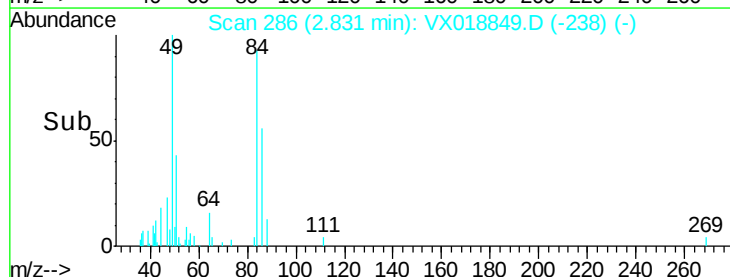
1000

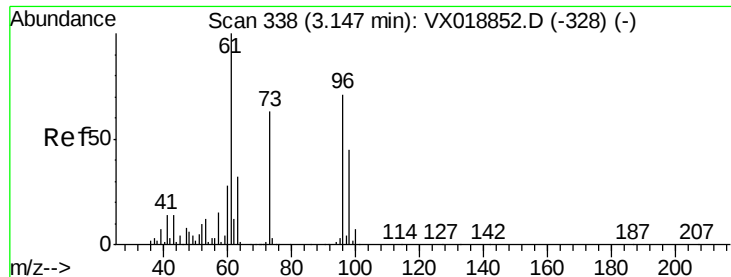
500

0

Time-->

2.75 2.80 2.85 2.90





#21

trans-1,2-Dichloroethene

Concen: 1.090 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VHBLK01

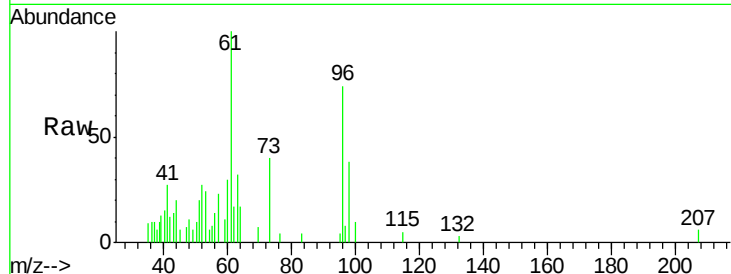
Tgt Ion: 96 Resp: 2426

Ion Ratio Lower Upper

96 100

61 127.5 112.0 168.0

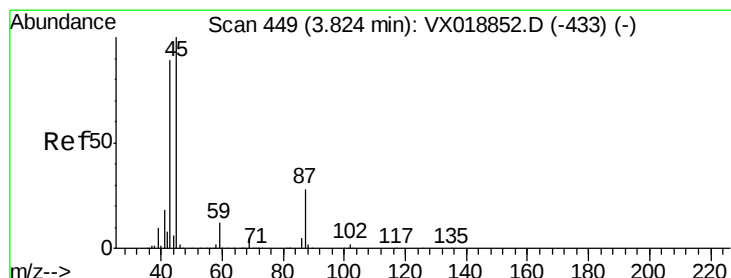
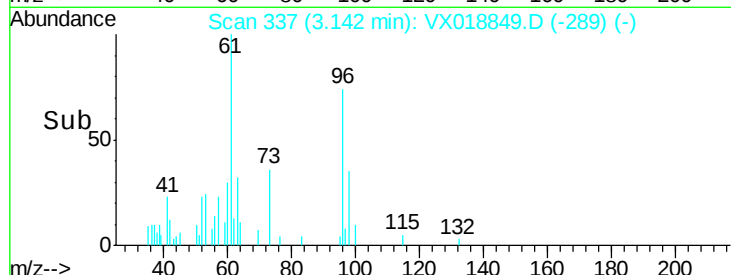
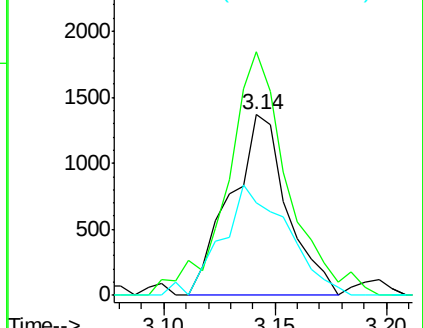
98 46.5 50.2 75.2#



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



#22

Diisopropyl ether

Concen: 0.908 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Tgt Ion: 45 Resp: 6198

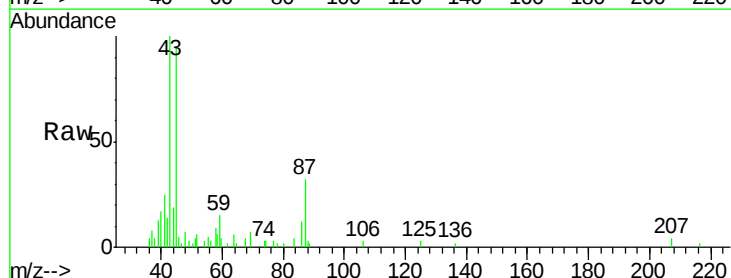
Ion Ratio Lower Upper

45 100

43 95.5 71.2 106.8

87 33.8 22.5 33.7#

59 19.9 9.2 13.8#

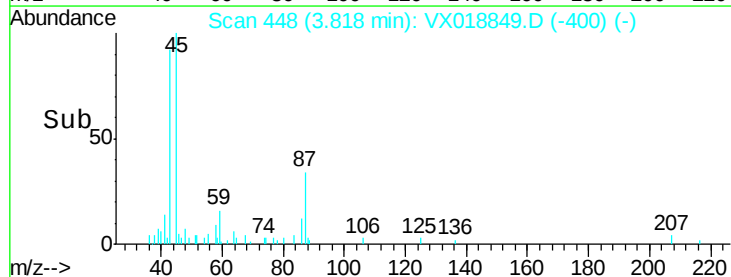
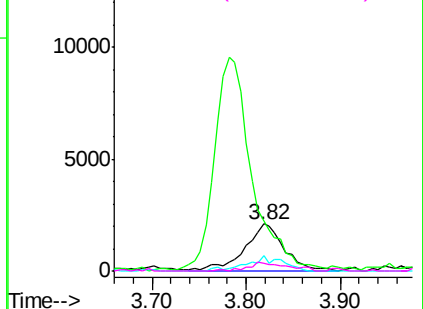


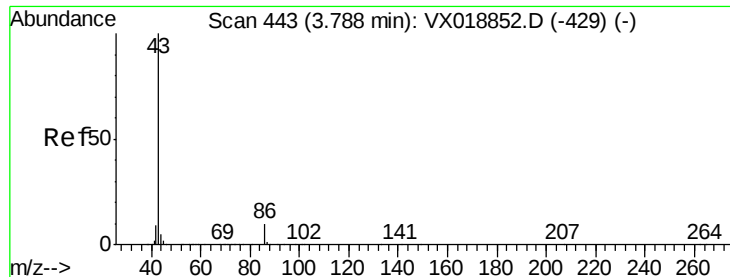
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 4.219 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampled :

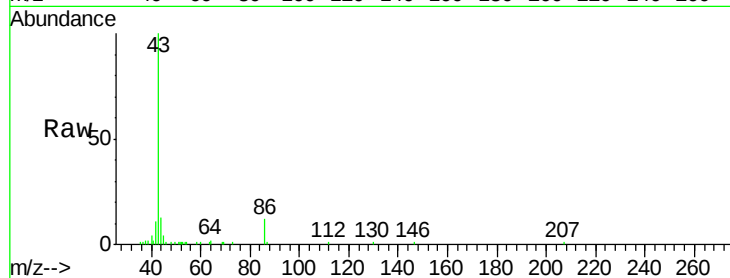
VHBLK01

Tgt Ion: 43 Resp: 25929

Ion Ratio Lower Upper

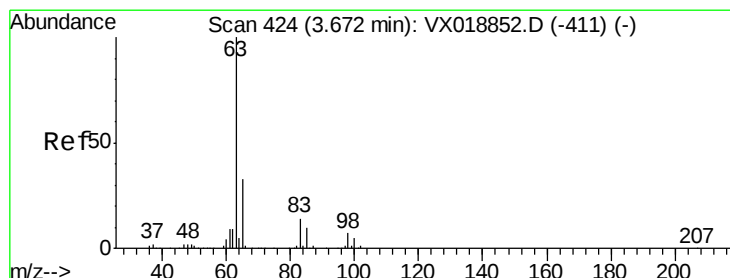
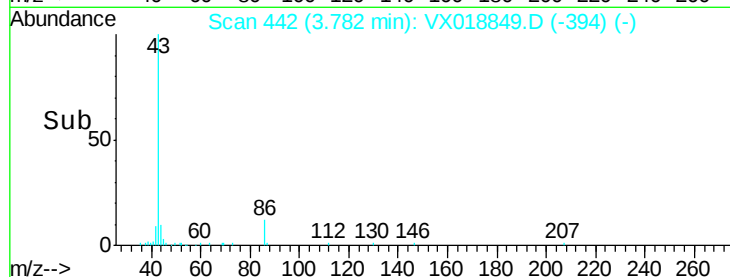
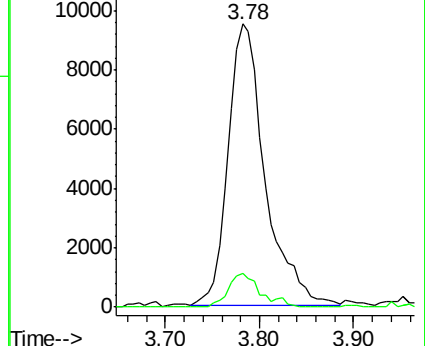
43 100

86 12.1 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 1.209 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

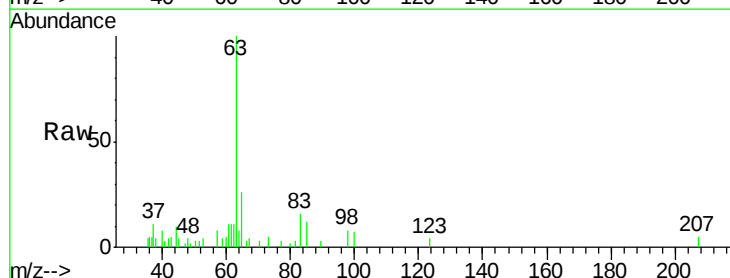
Tgt Ion: 63 Resp: 4856

Ion Ratio Lower Upper

63 100

98 8.0 3.8 11.2

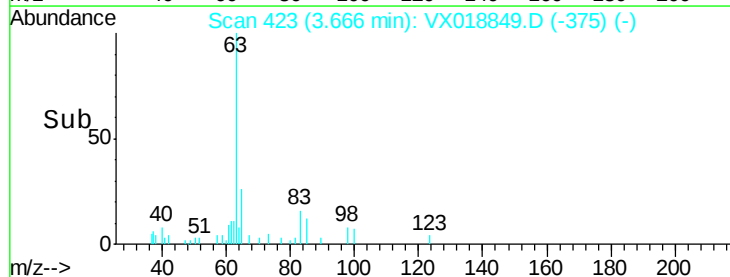
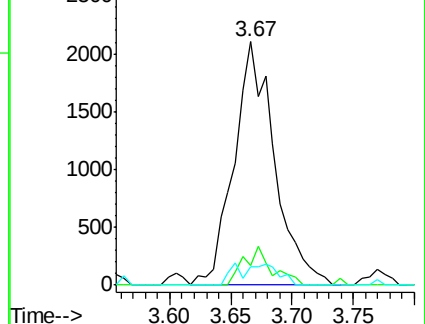
100 7.4 2.5 7.6

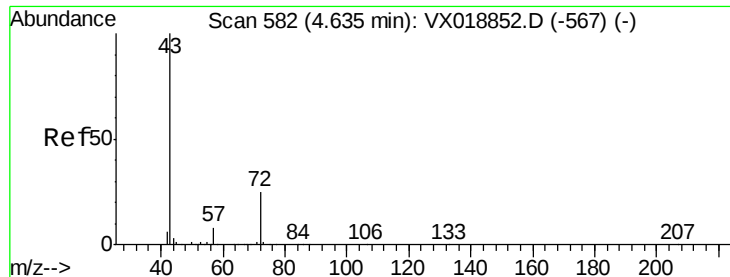


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 5.059 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

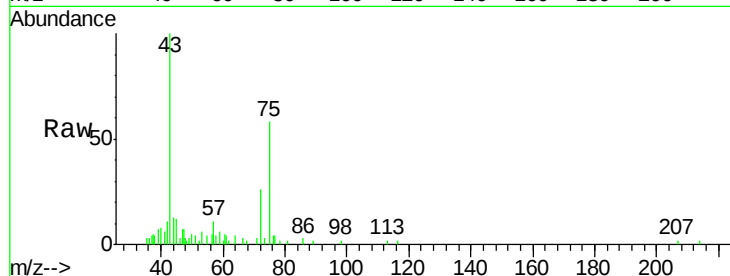
VHBLK01

Tgt Ion: 43 Resp: 8394

Ion Ratio Lower Upper

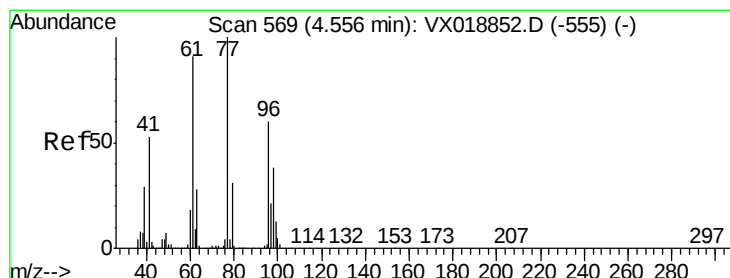
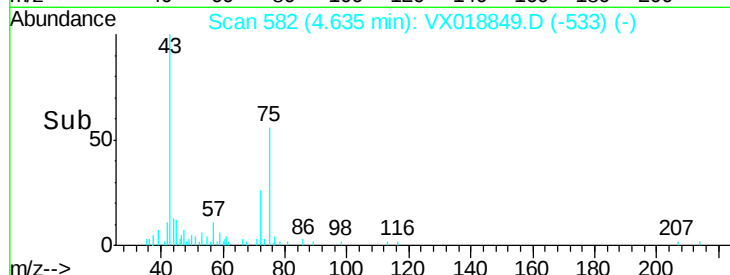
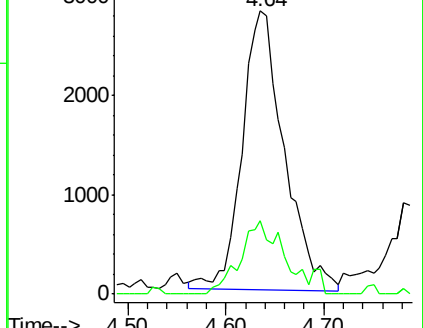
43 100

72 26.8 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 1.196 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX018849.D

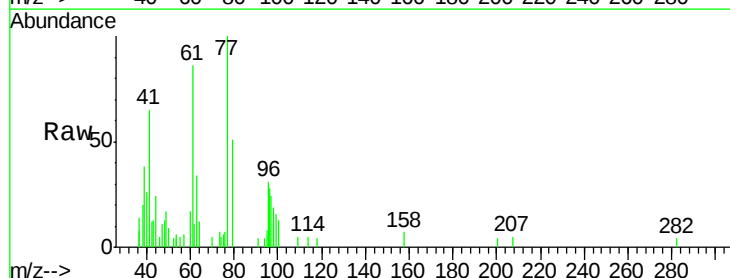
Acq: 09 Oct 2020 11:07

Tgt Ion: 77 Resp: 4495

Ion Ratio Lower Upper

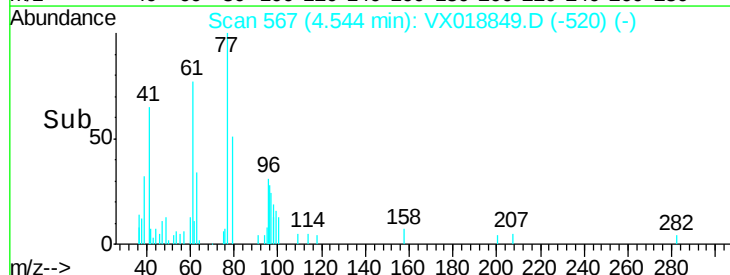
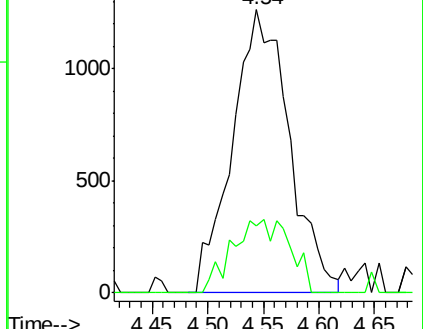
77 100

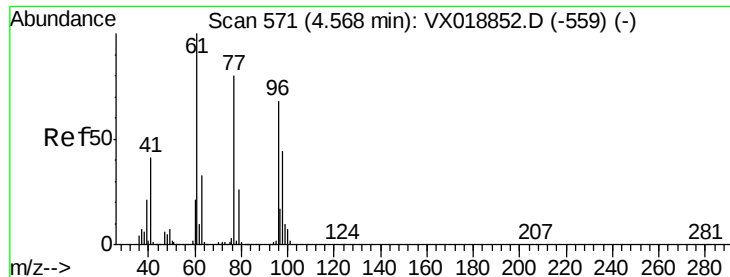
97 17.3 10.4 31.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



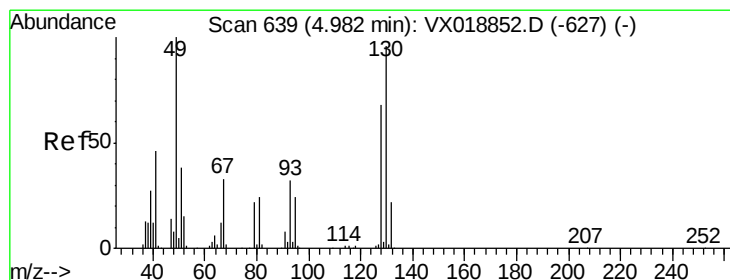
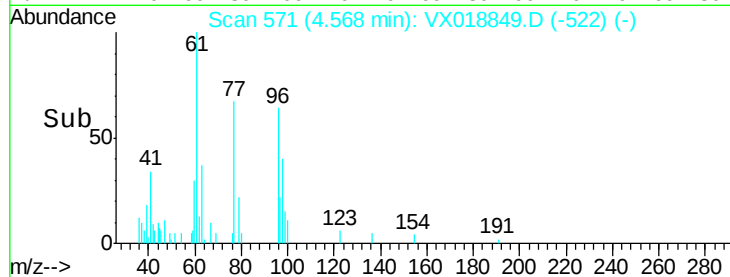
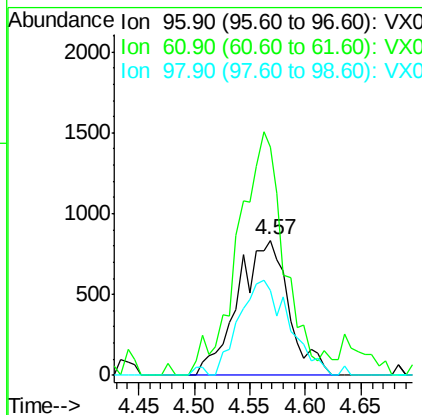
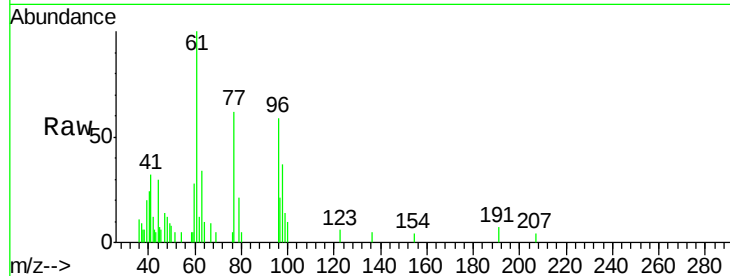


#27

cis-1,2-Dichloroethene
Concen: 1.067 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VHBLK01

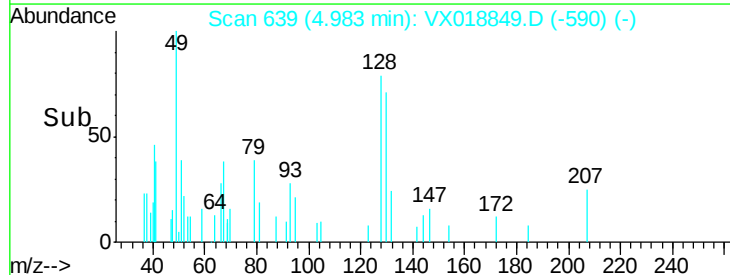
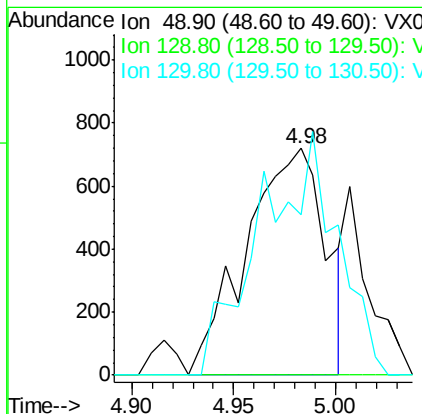
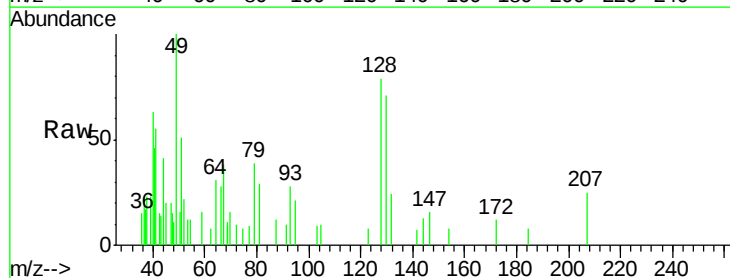
Tgt Ion: 96 Resp: 2650
Ion Ratio Lower Upper
96 100
61 162.6 0.0 306.8
98 68.9 0.0 130.2

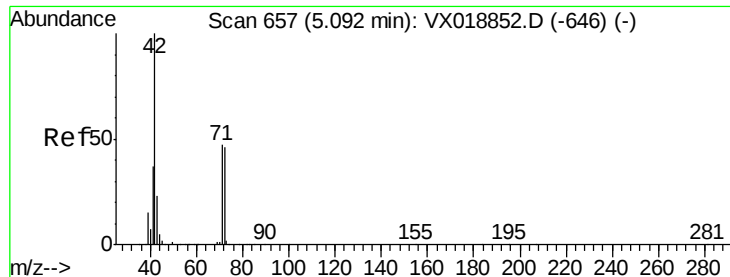


#28

Bromochloromethane
Concen: 1.051 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

Tgt Ion: 49 Resp: 1954
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.4
130 40.8 71.2 106.8#





#29

Tetrahydrofuran

Concen: 4.164 ug/l

RT: 5.10 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VHBLK01

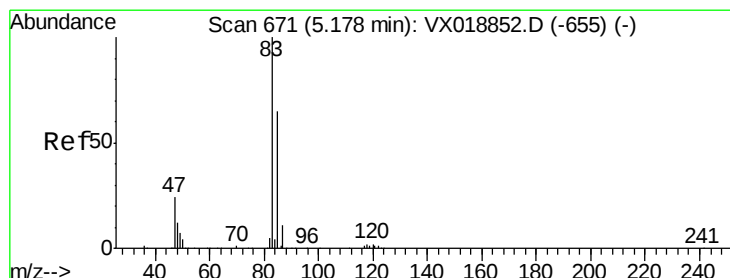
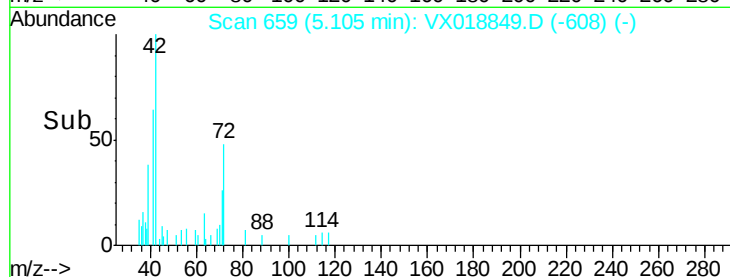
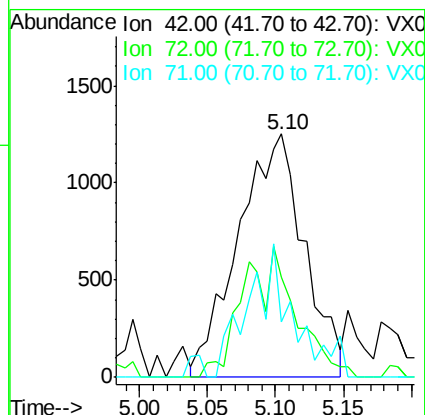
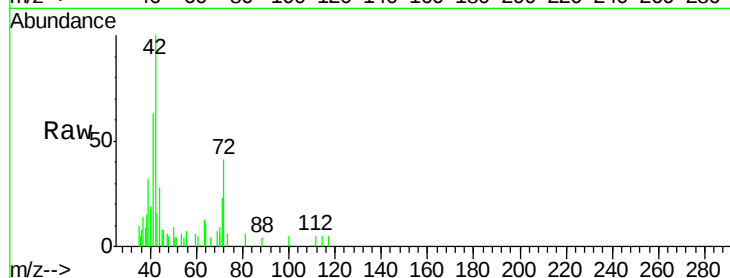
Tgt Ion: 42 Resp: 4239

Ion Ratio Lower Upper

42 100

72 22.6 36.4 54.6#

71 0.0 35.2 52.8#



#30

Chloroform

Concen: 1.277 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX018849.D

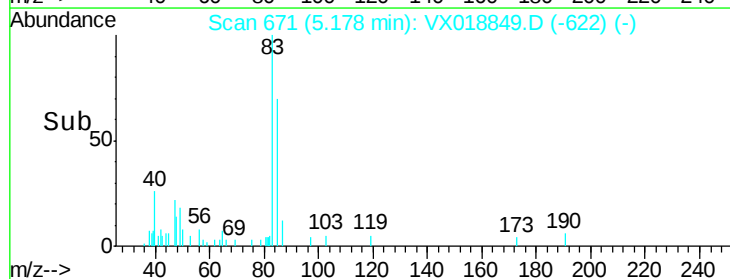
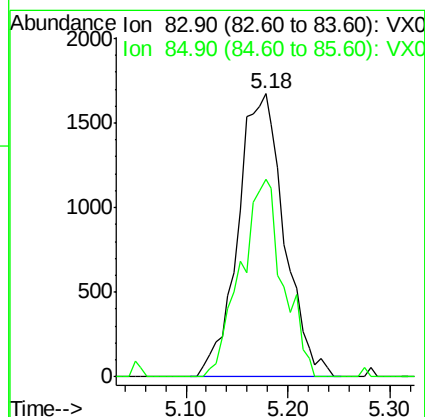
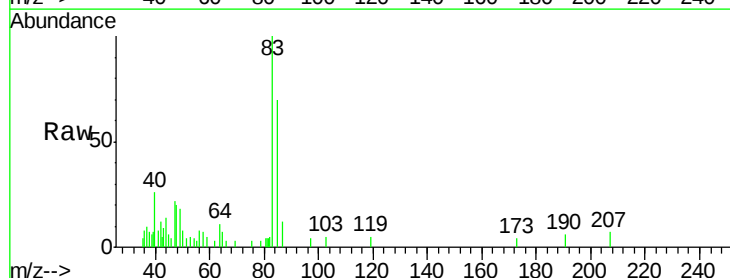
Acq: 09 Oct 2020 11:07

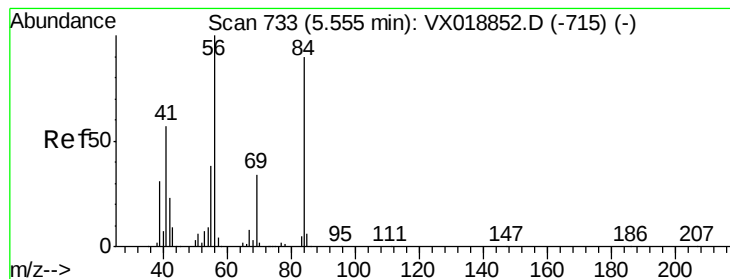
Tgt Ion: 83 Resp: 5272

Ion Ratio Lower Upper

83 100

85 70.0 51.8 77.8





#31

Cyclohexane

Concen: 0.931 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VHBLK01

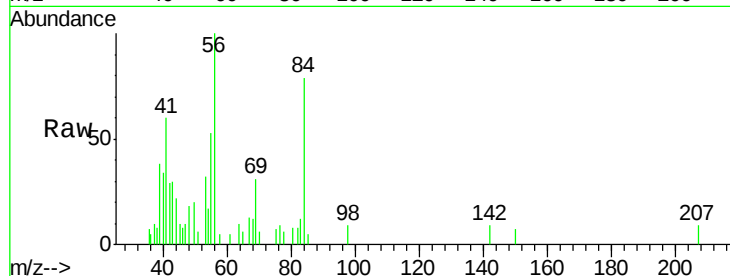
Tgt Ion: 56 Resp: 3052

Ion Ratio Lower Upper

56 100

69 30.7 27.1 40.7

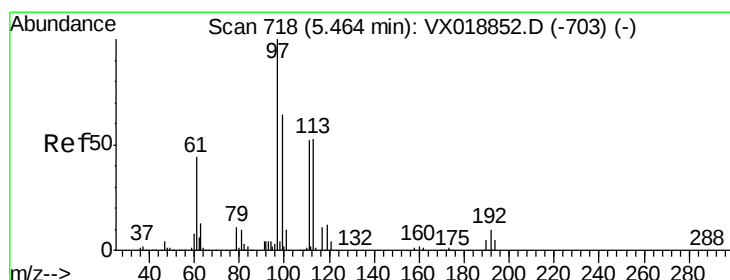
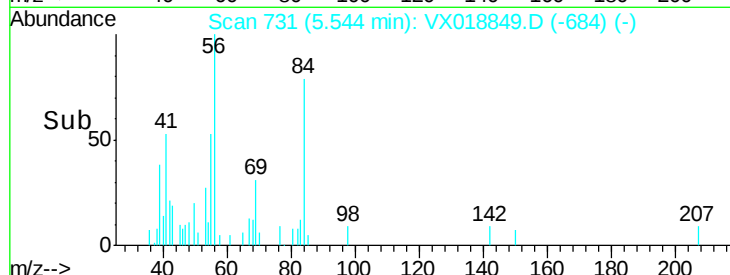
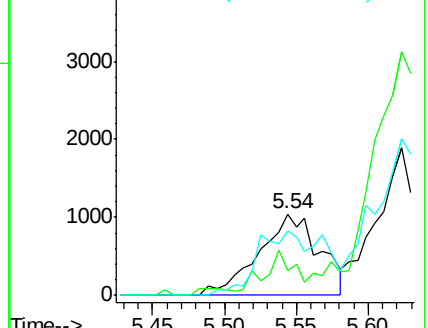
84 78.6 71.7 107.5



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: 1.253 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

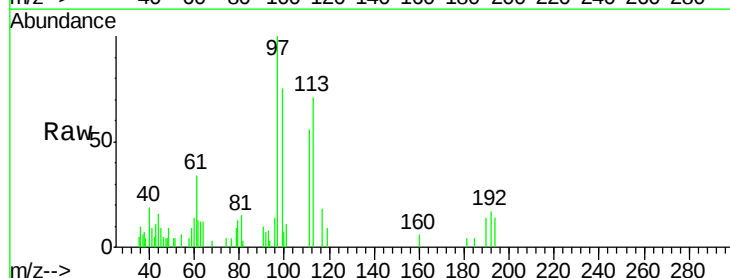
Tgt Ion: 97 Resp: 4865

Ion Ratio Lower Upper

97 100

99 0.0 52.1 78.1#

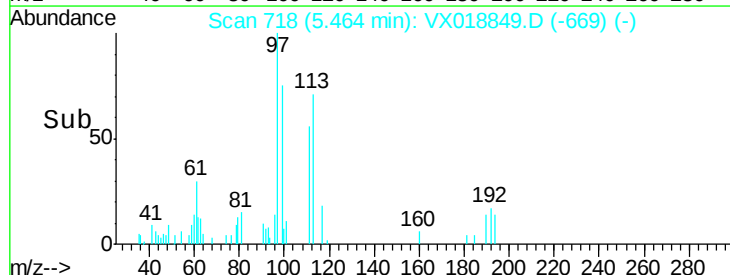
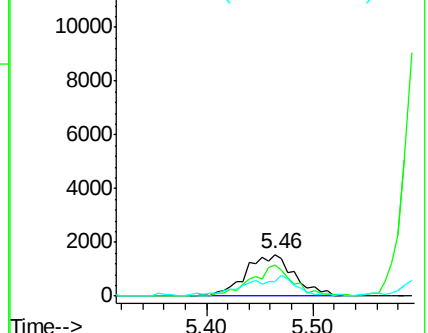
61 23.1 35.3 52.9#

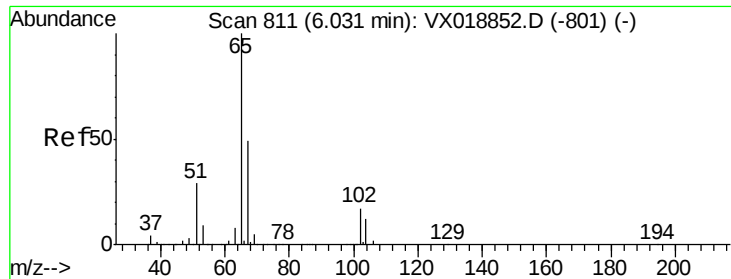


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 1.585 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

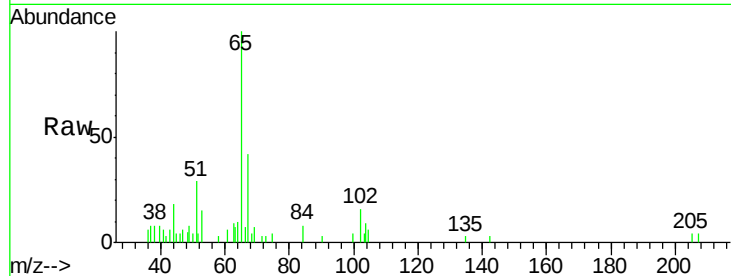
VHBLK01

Tgt Ion: 65 Resp: 4510

Ion Ratio Lower Upper

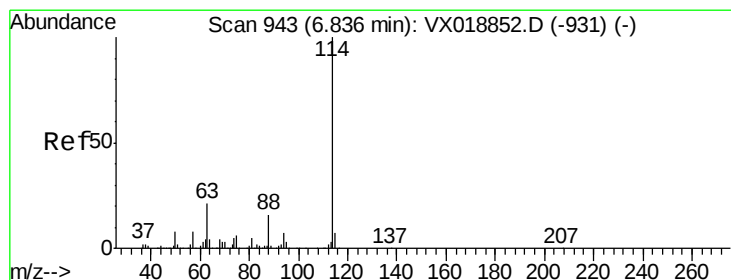
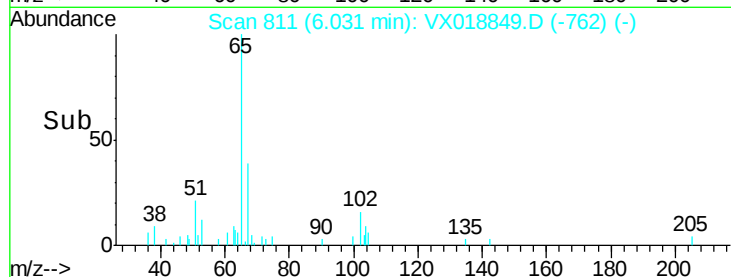
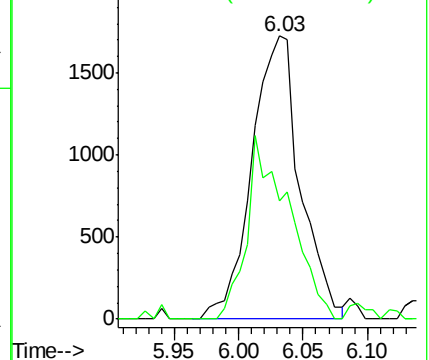
65 100

67 56.3 0.0 97.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

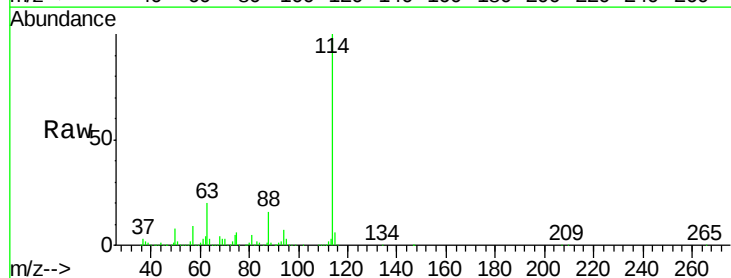
Tgt Ion: 114 Resp: 306928

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

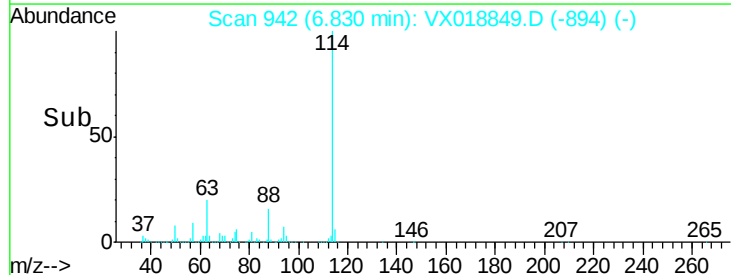
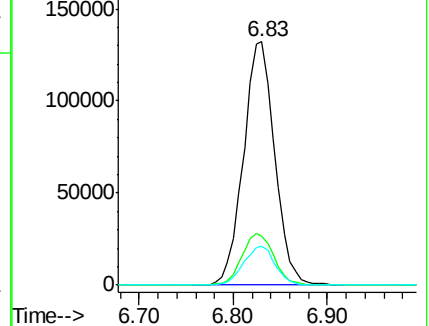
88 15.7 0.0 32.6

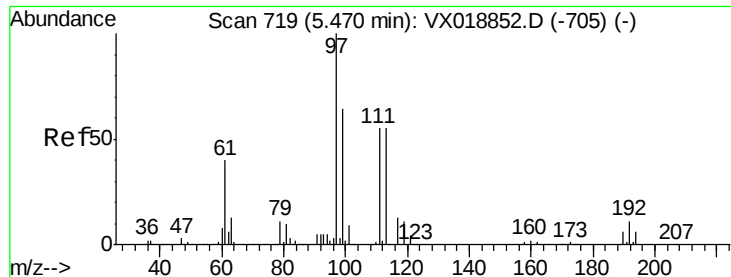


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 1.657 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VHBLK01

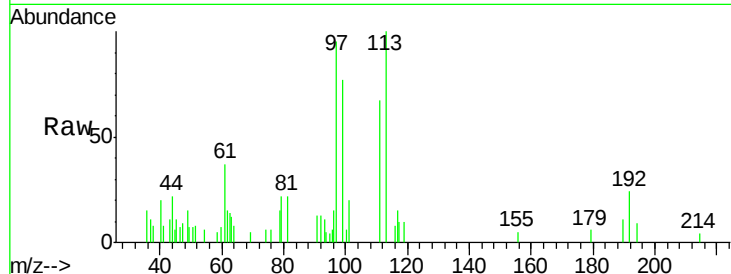
Tgt Ion:113 Resp: 3557

Ion Ratio Lower Upper

113 100

111 39.4 80.1 120.1#

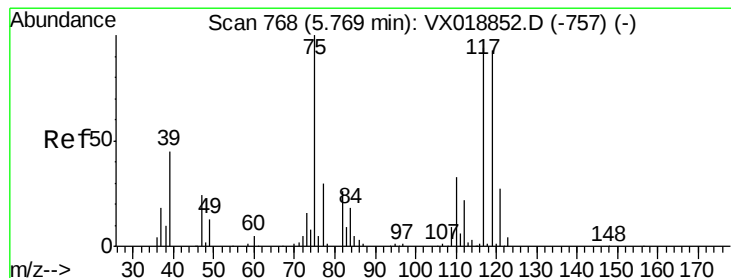
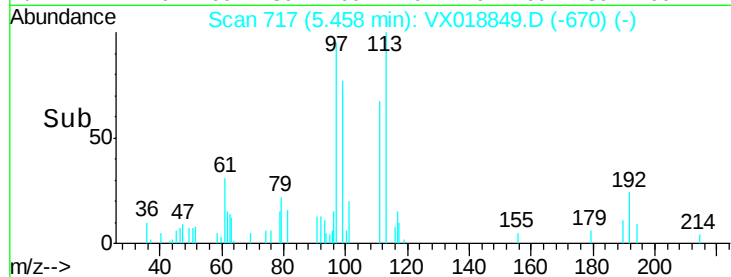
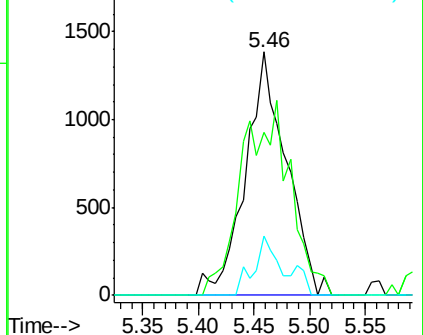
192 14.6 16.0 24.0#



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: 1.279 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

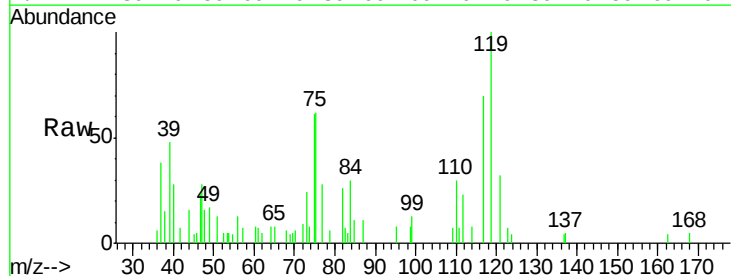
Tgt Ion: 75 Resp: 3828

Ion Ratio Lower Upper

75 100

110 35.2 17.8 53.5

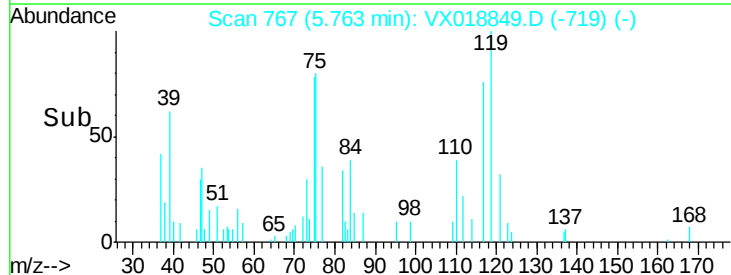
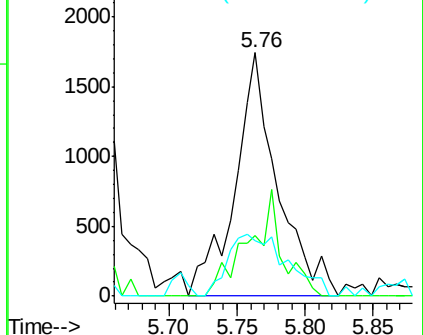
77 35.2 24.2 36.4

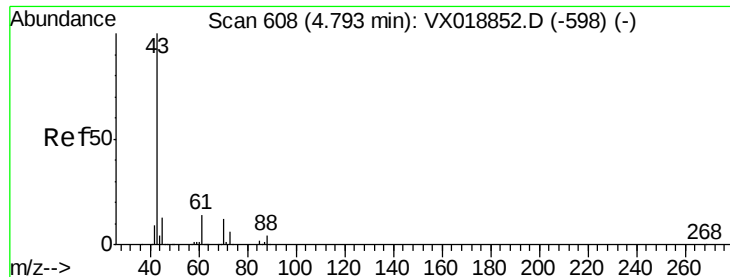


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

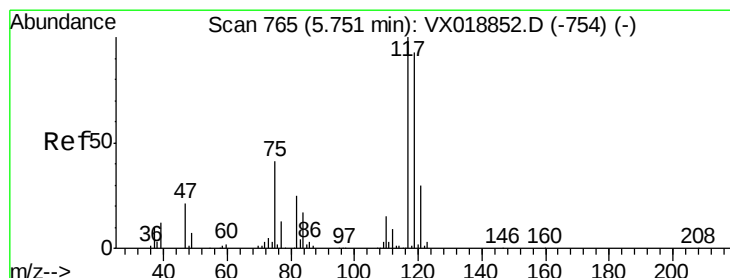
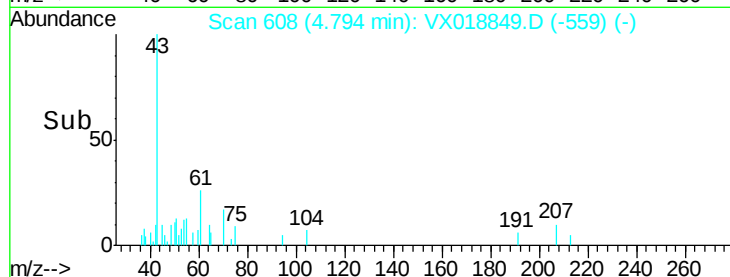
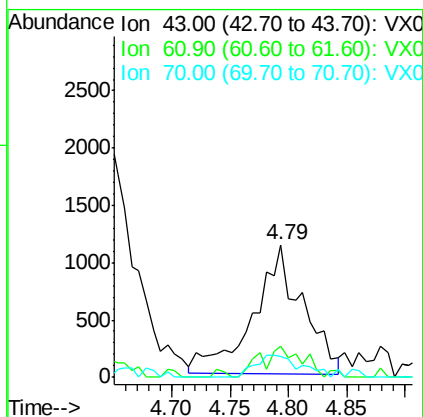
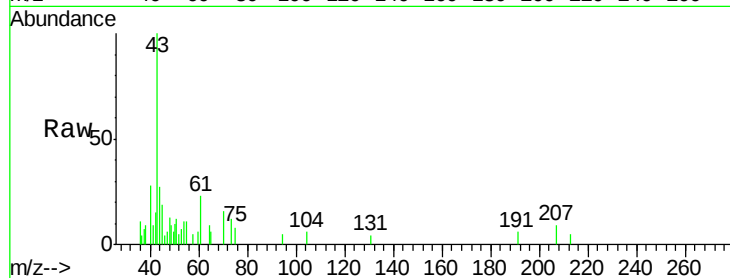




#37
Ethyl Acetate
Concen: 1.044 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

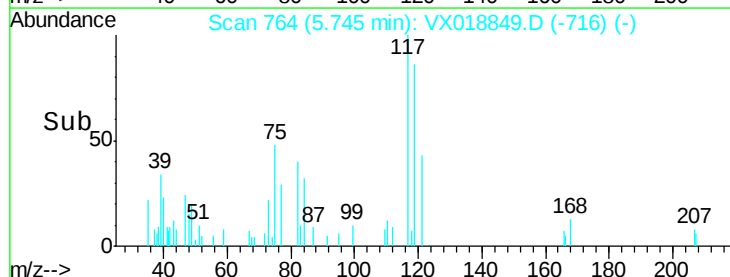
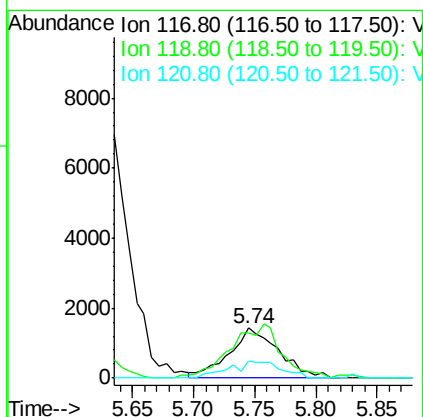
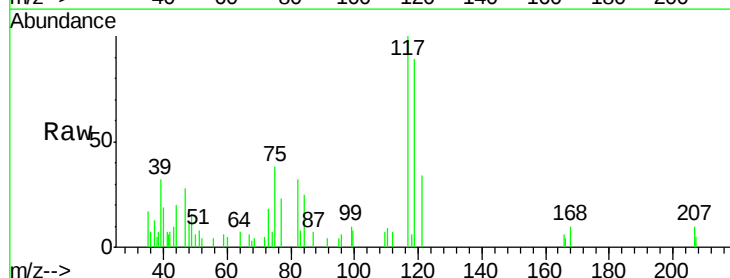
Instrument :
MSVOA_X
ClientSampleId :
VHBLK01

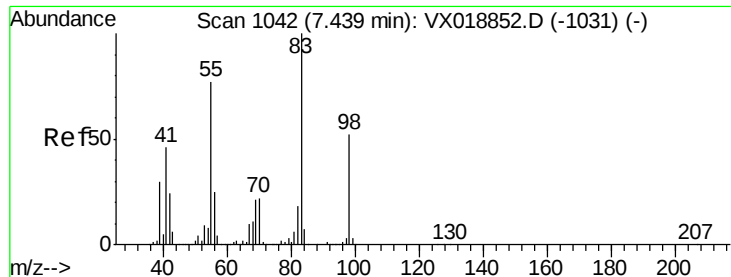
Tgt Ion: 43 Resp: 3308
Ion Ratio Lower Upper
43 100
61 13.9 10.9 16.3
70 15.9 8.6 13.0#



#38
Carbon Tetrachloride
Concen: 1.184 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

Tgt Ion: 117 Resp: 4018
Ion Ratio Lower Upper
117 100
119 84.5 73.9 110.9
121 34.4 23.6 35.4

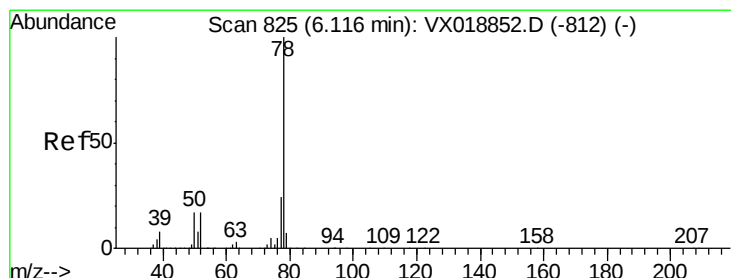
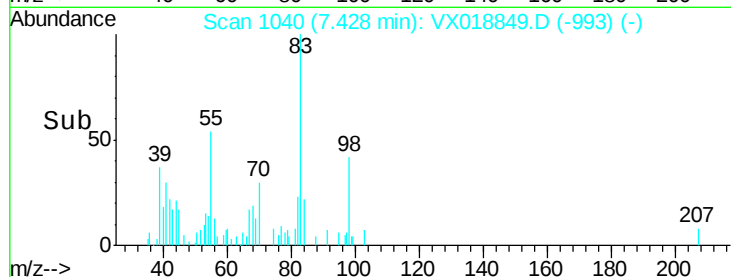
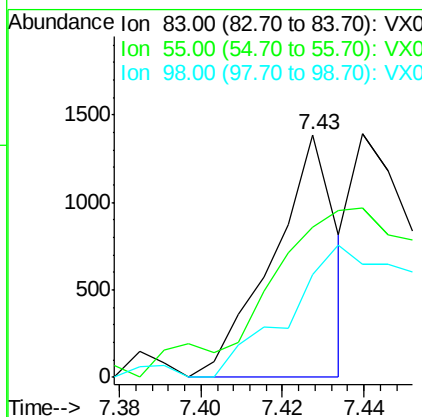
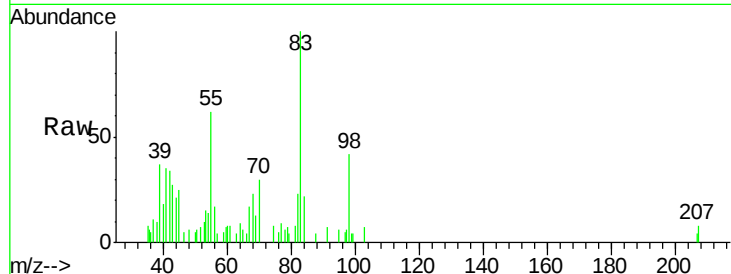




#39
Methylcyclohexane
Concen: 0.457 ug/l
RT: 7.43 min Scan# 1040
Delta R.T. -0.01 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

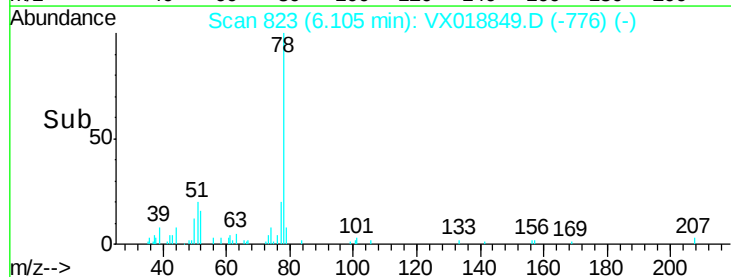
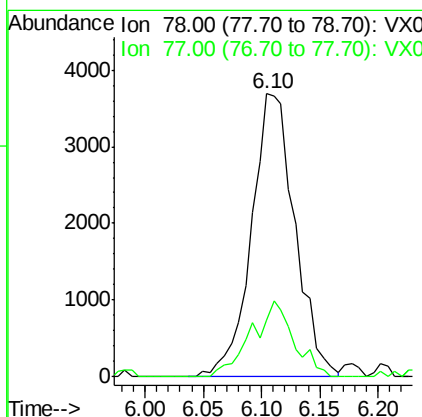
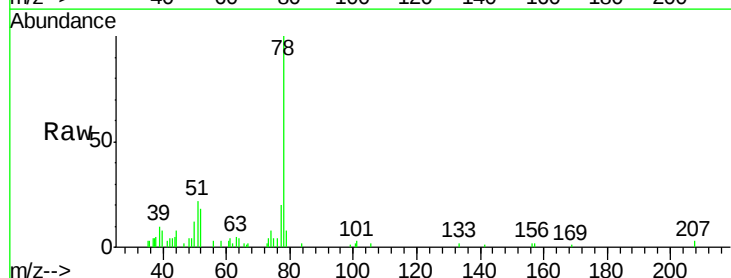
Instrument :
MSVOA_X
ClientSampled :
VHBLK01

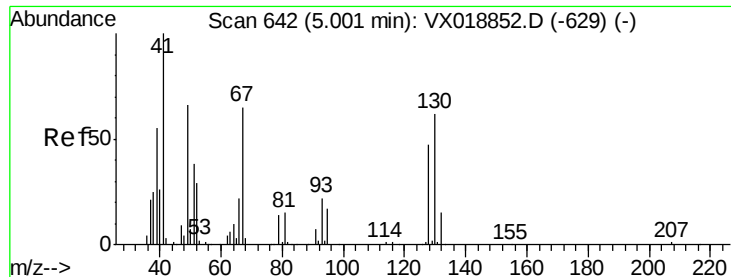
Tgt Ion: 83 Resp: 1498
Ion Ratio Lower Upper
83 100
55 47.8 61.8 92.6#
98 42.3 41.4 62.0



#40
Benzene
Concen: 1.121 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

Tgt Ion: 78 Resp: 9563
Ion Ratio Lower Upper
78 100
77 20.1 19.1 28.7





#41

Methacrylonitrile

Concen: 0.652 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.02 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampled :

VHBLK01

Tgt Ion: 41 Resp: 1150

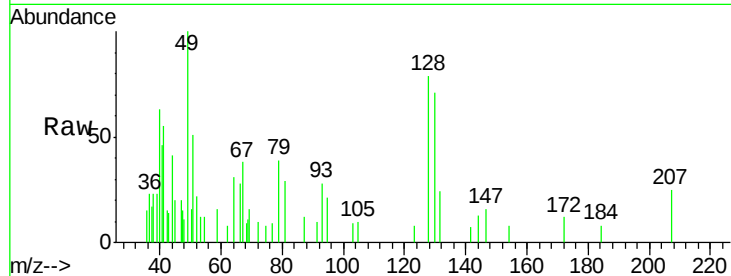
Ion Ratio Lower Upper

41 100

39 95.7 45.4 68.2#

67 0.0 55.4 83.2#

52 51.4 23.8 35.8#

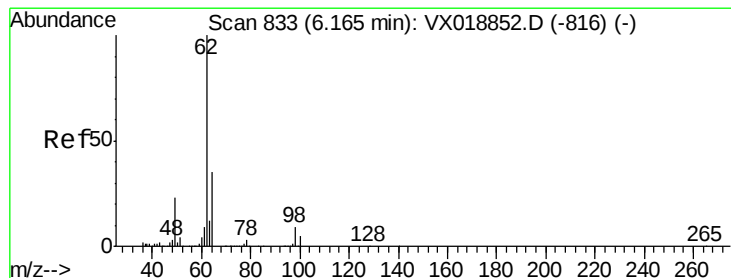
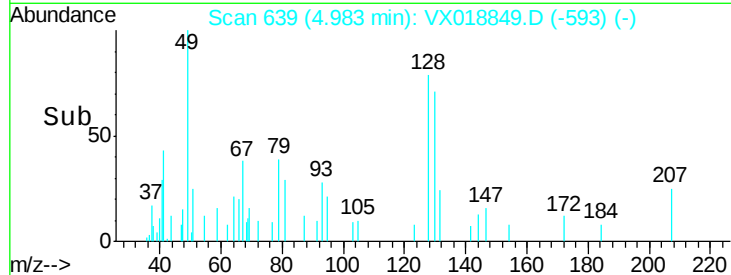
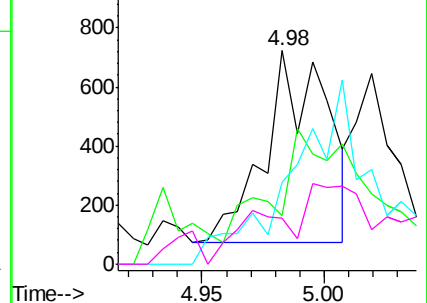


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 1.439 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX018849.D

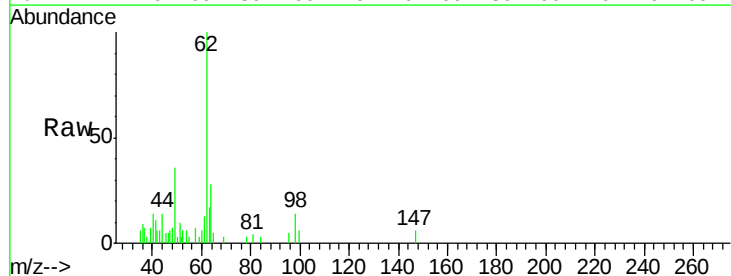
Acq: 09 Oct 2020 11:07

Tgt Ion: 62 Resp: 4899

Ion Ratio Lower Upper

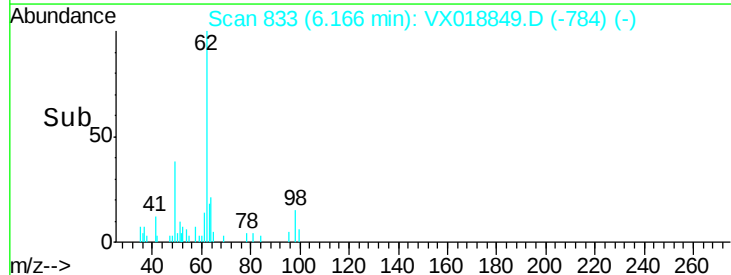
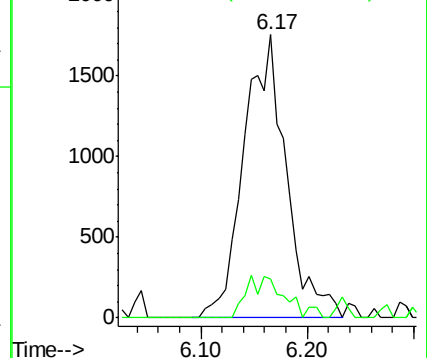
62 100

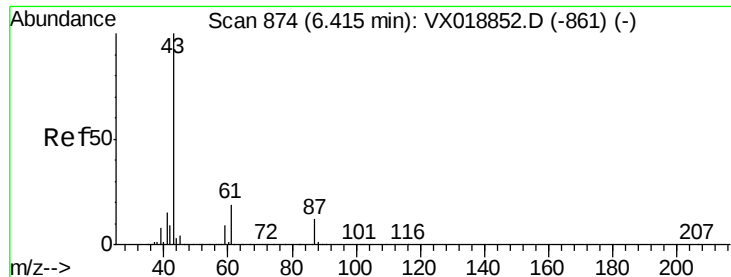
98 4.8 0.0 16.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

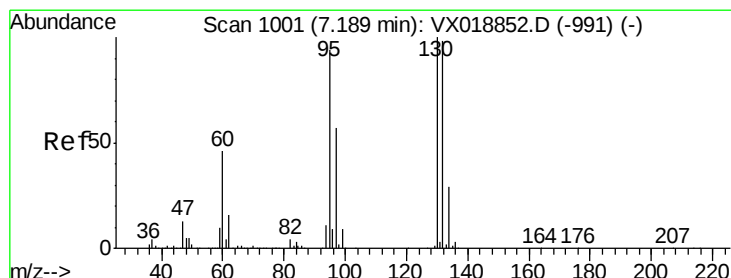
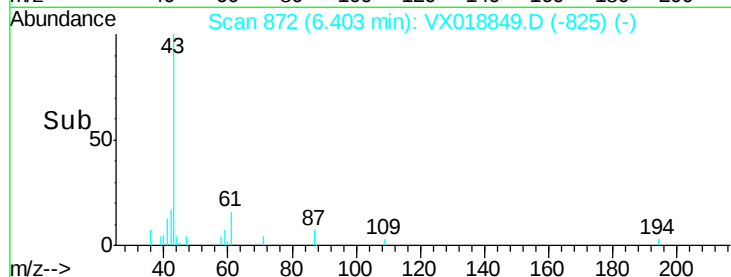
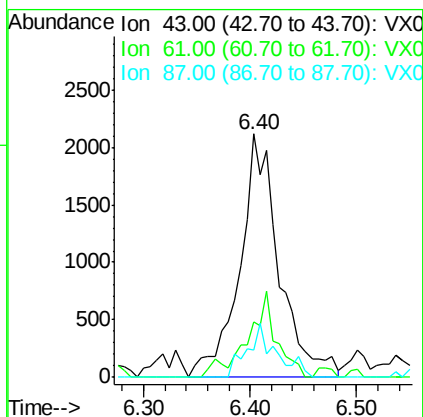
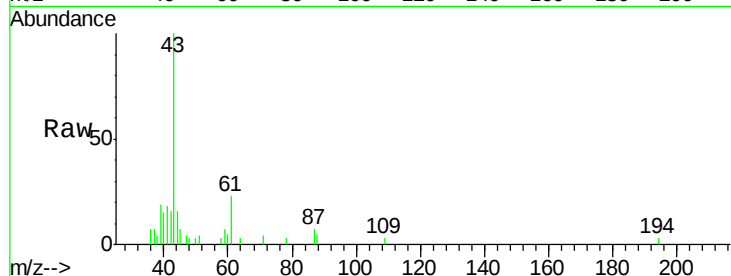




#43
Isopropyl Acetate
Concen: 1.050 ug/l
RT: 6.40 min Scan# 872
Delta R.T. -0.01 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

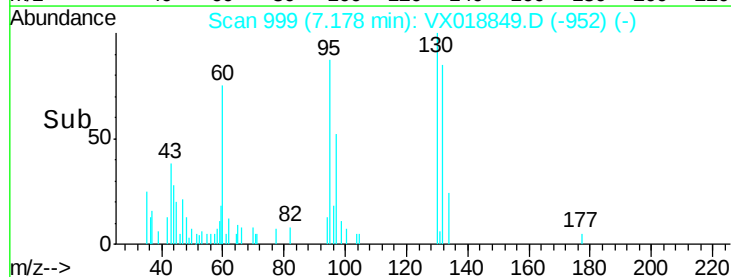
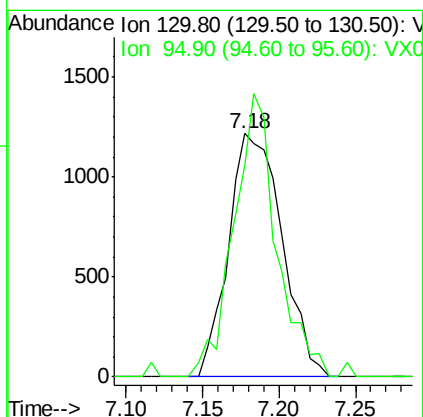
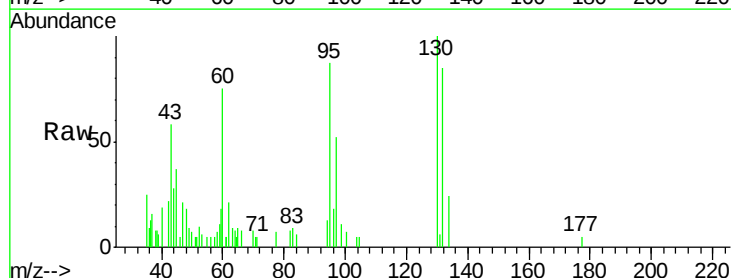
Instrument :
MSVOA_X
ClientSampled :
VHBLK01

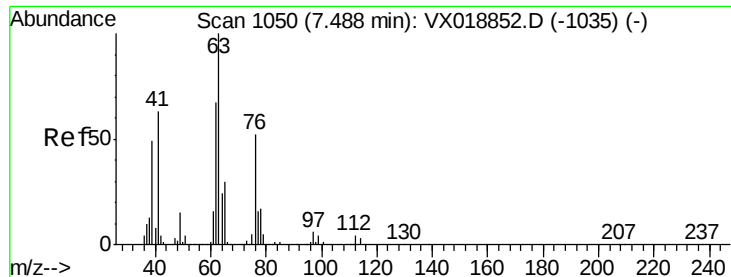
Tgt Ion: 43 Resp: 5500
Ion Ratio Lower Upper
43 100
61 23.2 15.5 23.3
87 16.1 10.8 16.2



#44
Trichloroethene
Concen: 1.193 ug/l
RT: 7.18 min Scan# 999
Delta R.T. -0.01 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

Tgt Ion: 130 Resp: 2953
Ion Ratio Lower Upper
130 100
95 87.0 0.0 188.4





#45

1,2-Dichloropropane

Concen: 1.116 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampled :

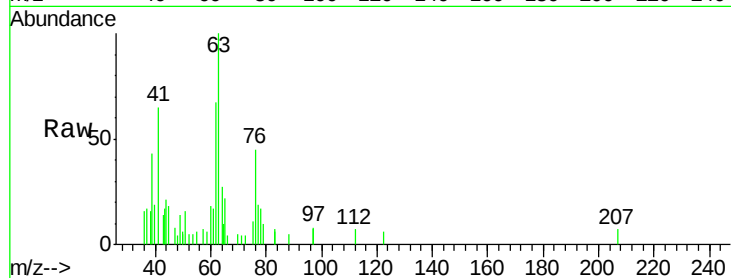
VHBLK01

Tgt Ion: 63 Resp: 2601

Ion Ratio Lower Upper

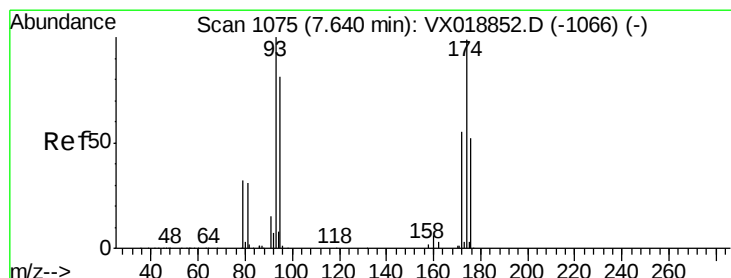
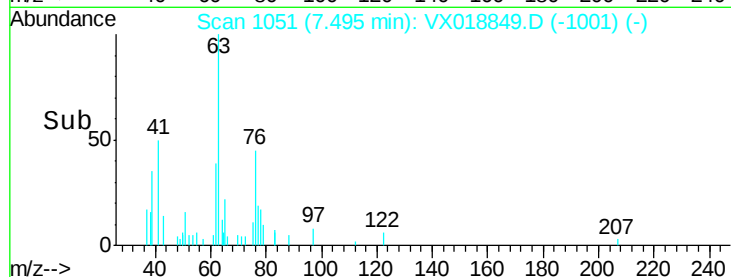
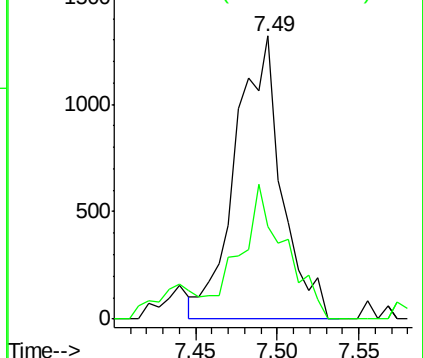
63 100

65 33.9 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 1.101 ug/l

RT: 7.63 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

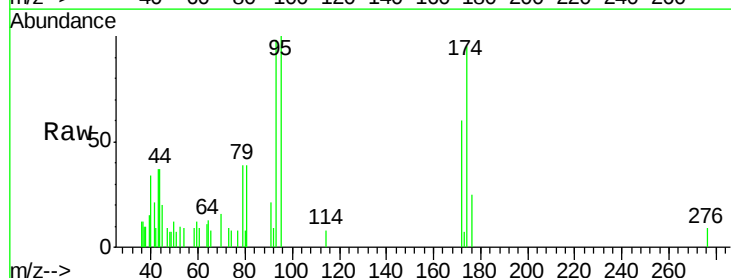
Tgt Ion: 93 Resp: 1777

Ion Ratio Lower Upper

93 100

95 97.5 66.1 99.1

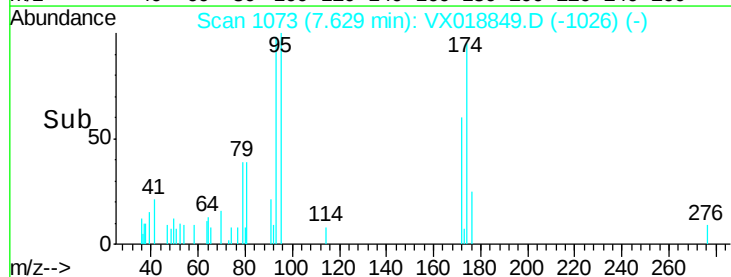
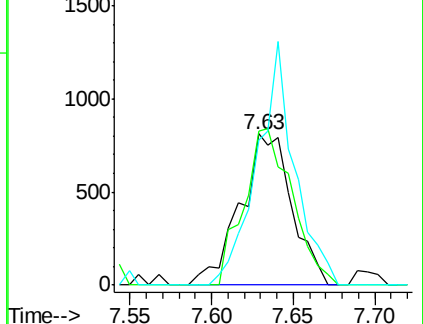
174 117.2 84.6 127.0

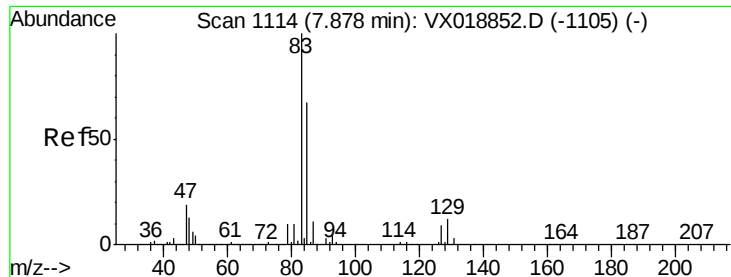


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 1.236 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VHBLK01

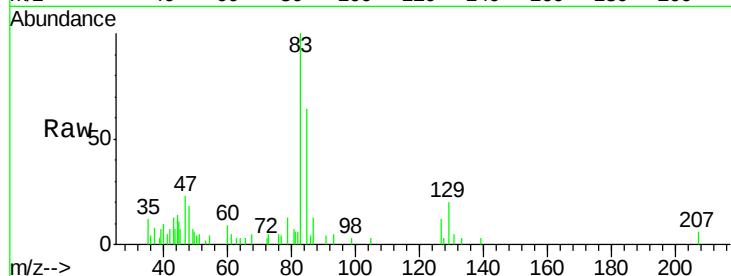
Tgt Ion: 83 Resp: 4075

Ion Ratio Lower Upper

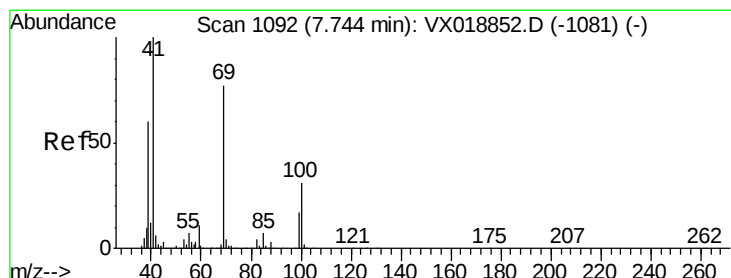
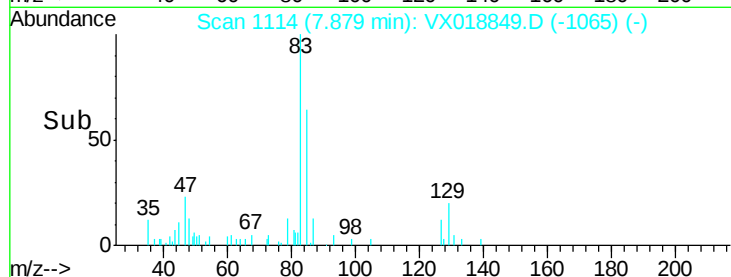
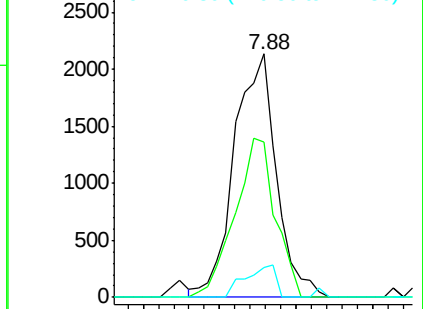
83 100

85 64.0 53.8 80.6

127 12.1 7.5 11.3#



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: 1.058 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

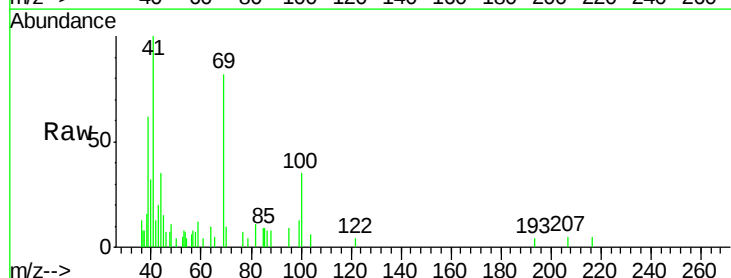
Tgt Ion: 41 Resp: 2717

Ion Ratio Lower Upper

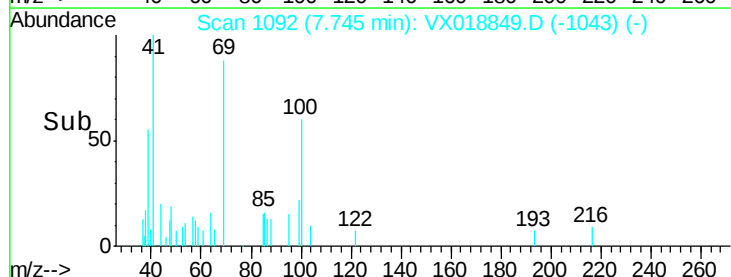
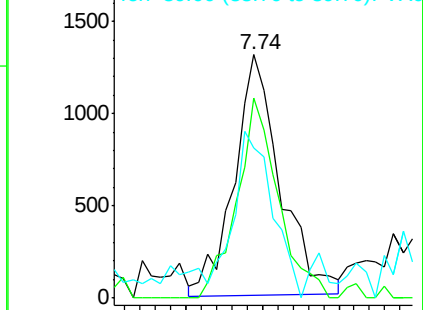
41 100

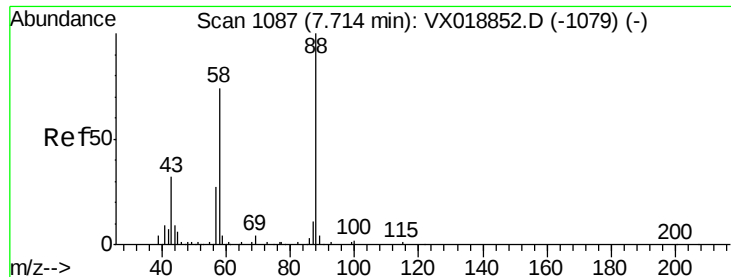
69 74.5 64.6 97.0

39 59.3 48.6 73.0



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

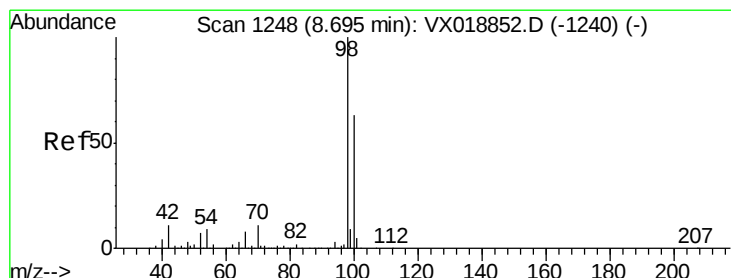
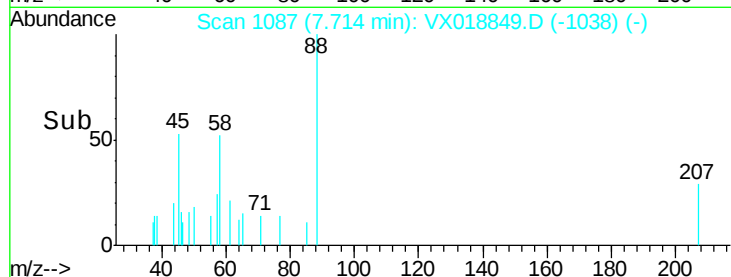
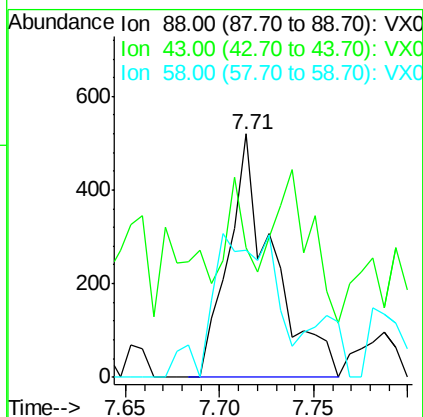
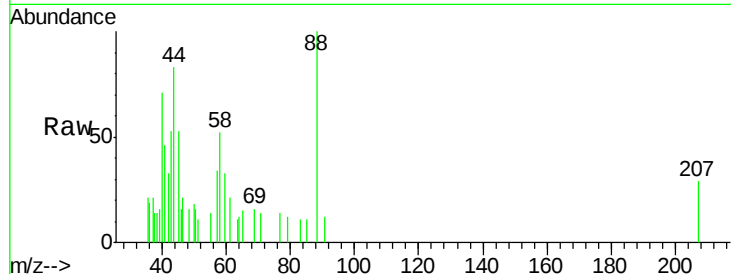




#49
1,4-Dioxane
Concen: 20.394 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

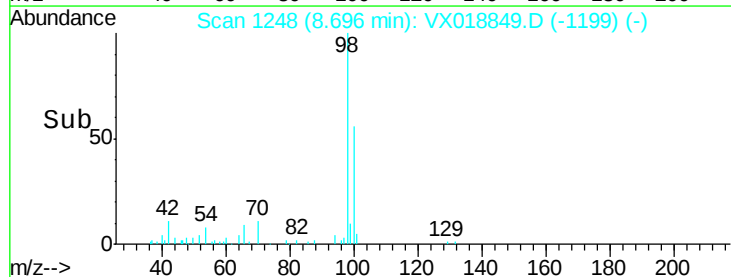
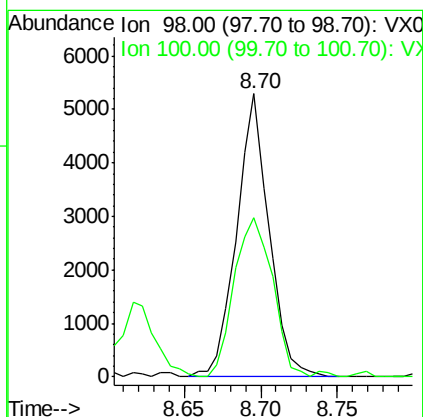
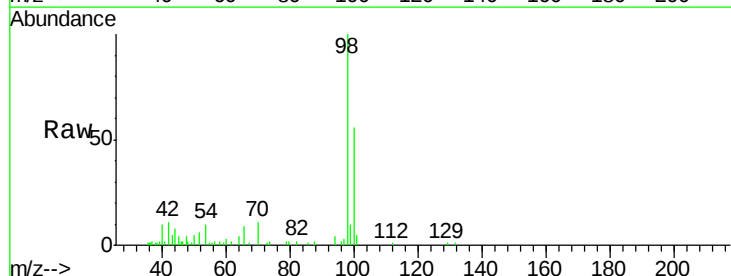
Instrument :
MSVOA_X
ClientSampleId :
VHBLK01

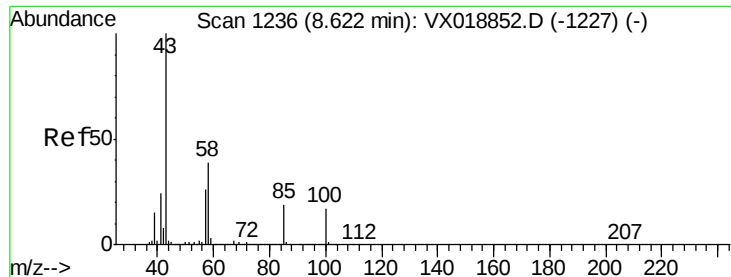
Tgt Ion: 88 Resp: 846
Ion Ratio Lower Upper
88 100
43 16.5 31.0 46.6#
58 81.9 59.3 88.9



#50
Toluene-d8
Concen: 1.010 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

Tgt Ion: 98 Resp: 7799
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7

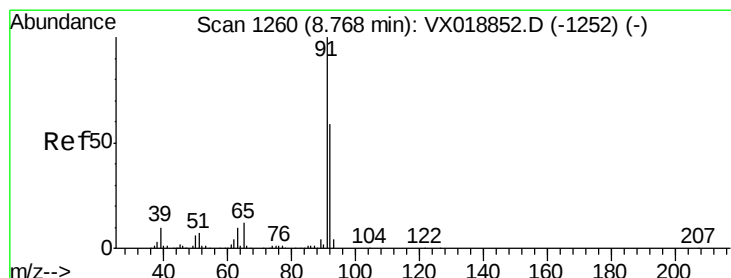
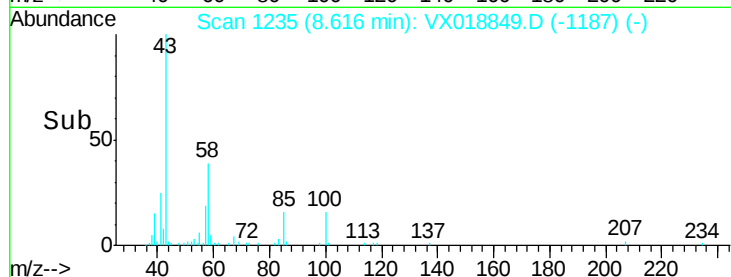
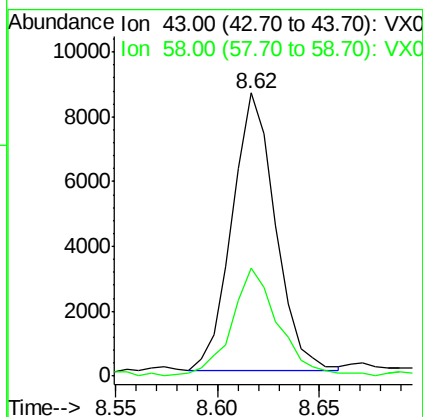
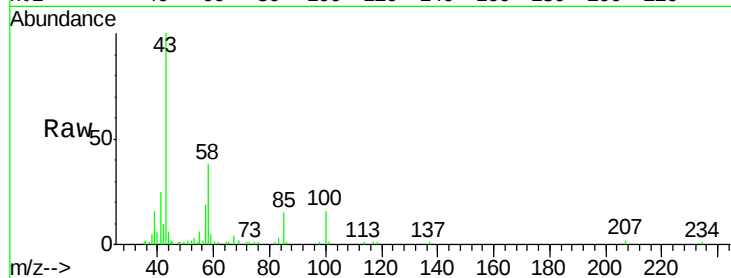




#51
 4-Methyl-2-Pentanone
 Concen: 4.021 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

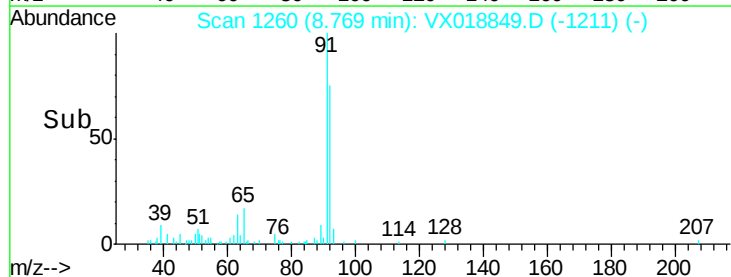
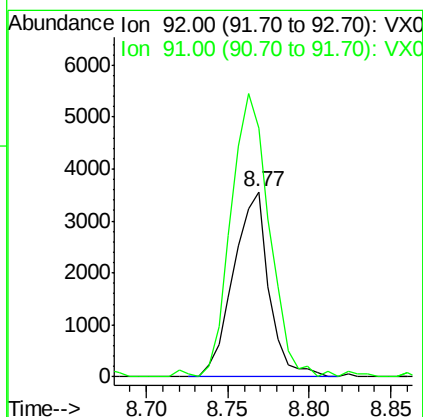
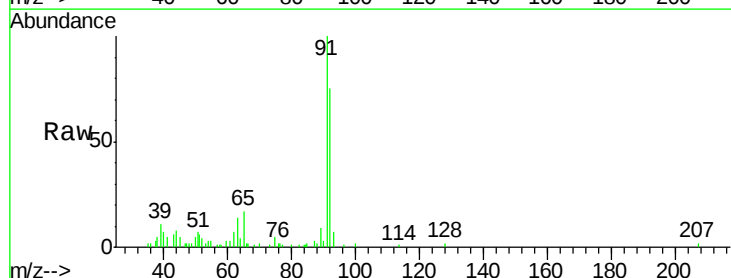
Instrument :
 MSVOA_X
 ClientSampleId :
 VHBLK01

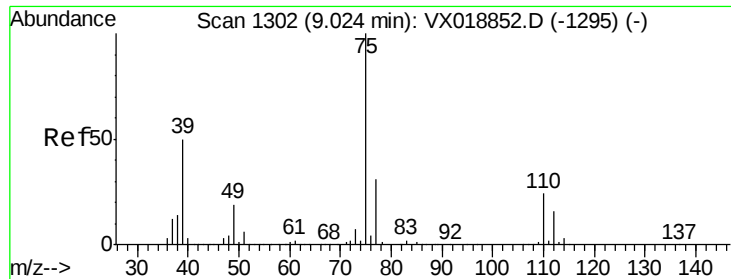
Tgt Ion: 43 Resp: 12600
 Ion Ratio Lower Upper
 43 100
 58 42.2 30.9 46.3



#52
 Toluene
 Concen: 0.999 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

Tgt Ion: 92 Resp: 5406
 Ion Ratio Lower Upper
 92 100
 91 164.5 138.2 207.4

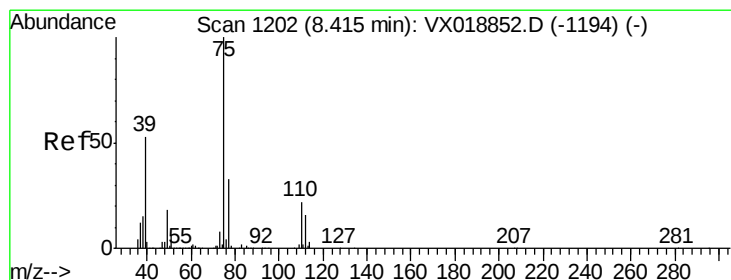
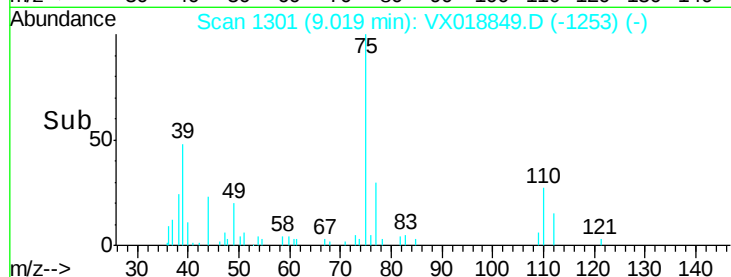
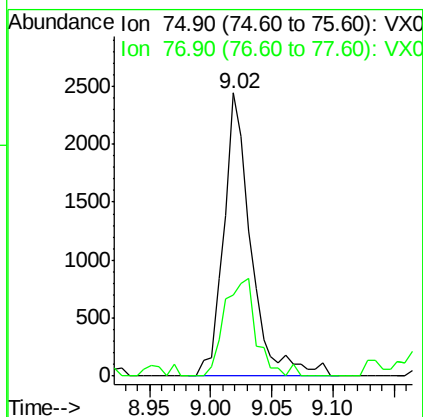
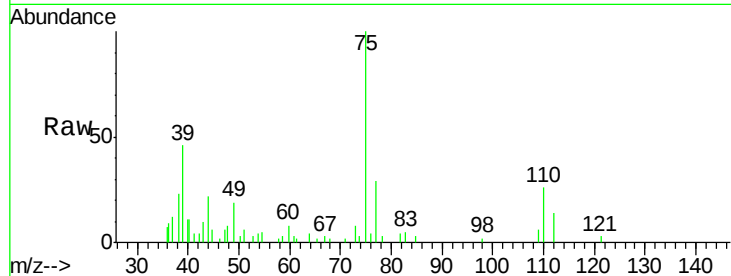




#53
t-1,3-Dichloropropene
Concen: 1.011 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

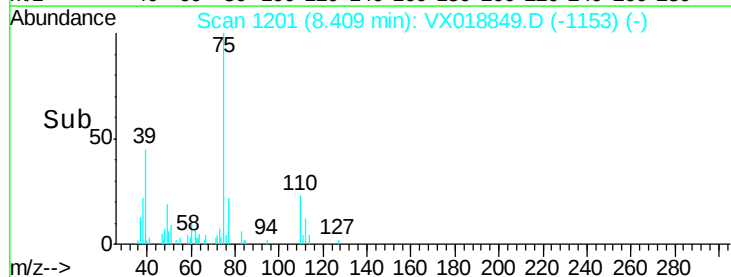
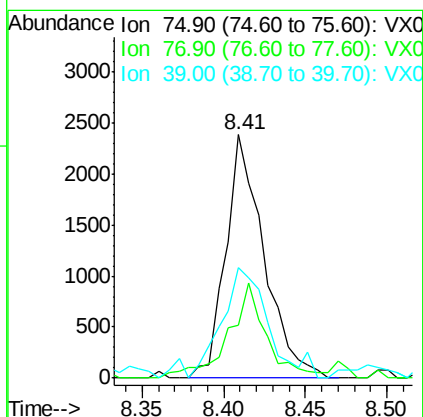
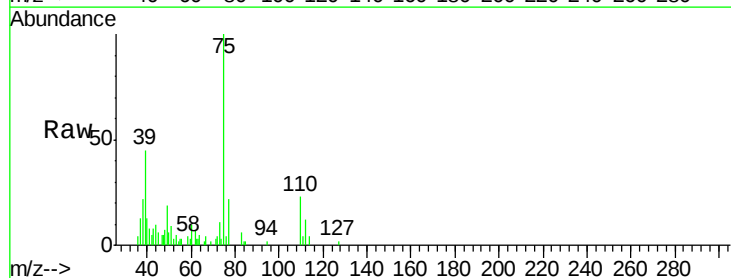
Instrument :
MSVOA_X
ClientSampled :
VHBLK01

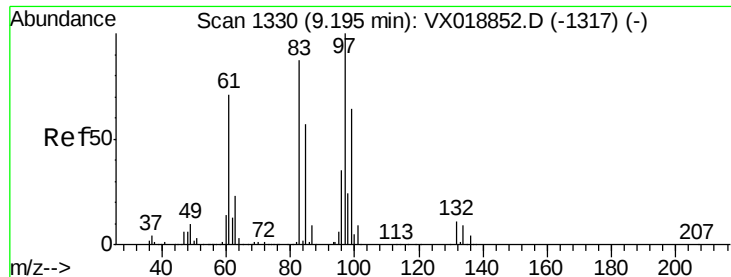
Tgt Ion: 75 Resp: 3757
Ion Ratio Lower Upper
75 100
77 28.6 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 1.024 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. -0.01 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

Tgt Ion: 75 Resp: 3890
Ion Ratio Lower Upper
75 100
77 17.6 26.6 39.8#
39 45.2 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 1.133 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampled :

VHBLK01

Tgt Ion: 97 Resp: 2540

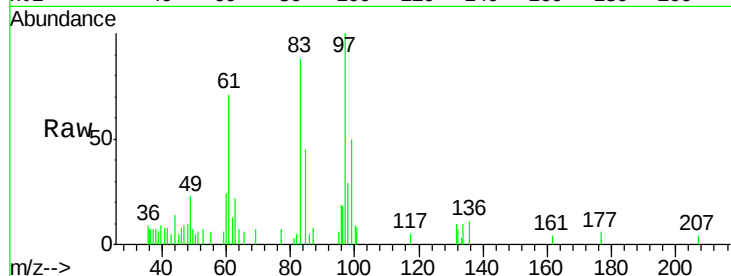
Ion Ratio Lower Upper

97 100

83 87.5 69.3 103.9

85 45.1 45.3 67.9#

99 50.0 51.0 76.6#

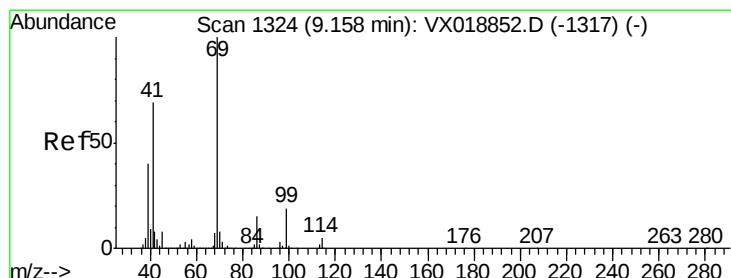
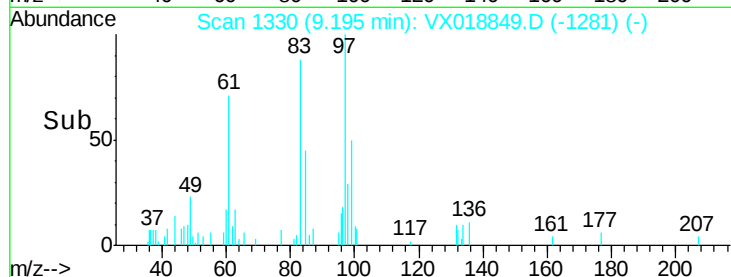
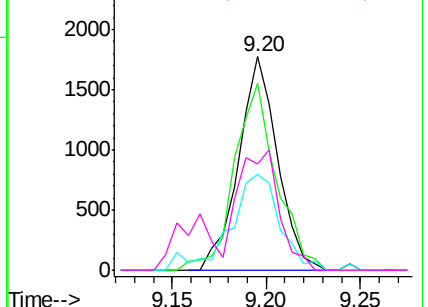


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.750 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

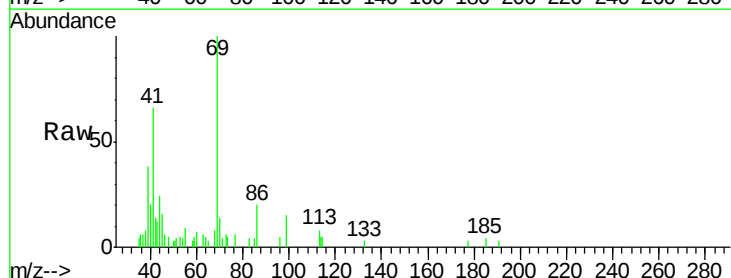
Tgt Ion: 69 Resp: 2464

Ion Ratio Lower Upper

69 100

41 90.1 54.6 81.8#

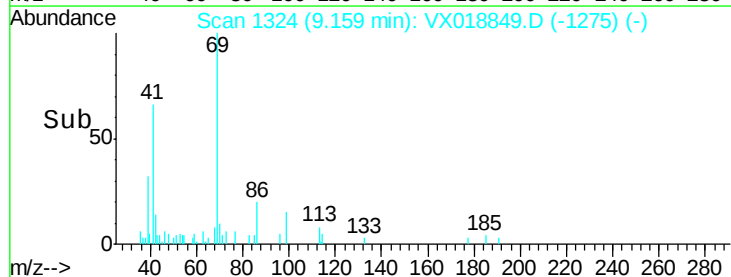
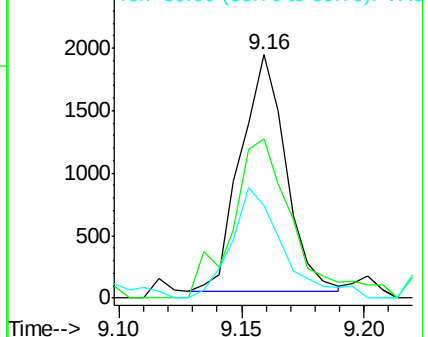
39 52.4 31.5 47.3#

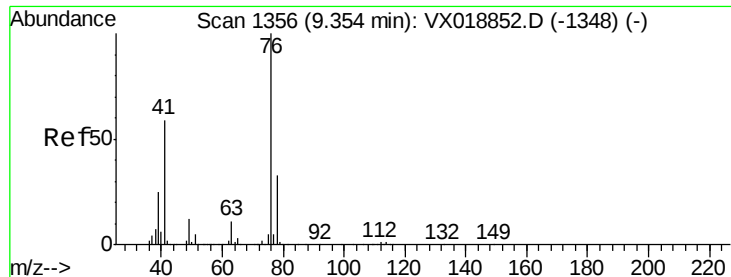


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 1.010 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampled :

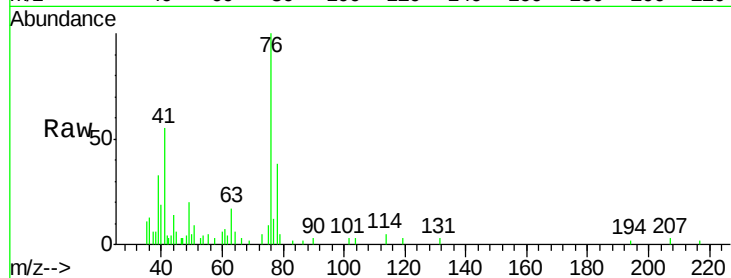
VHBLK01

Tgt Ion: 76 Resp: 3803

Ion Ratio Lower Upper

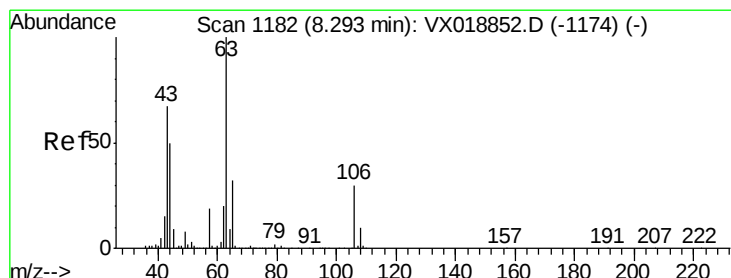
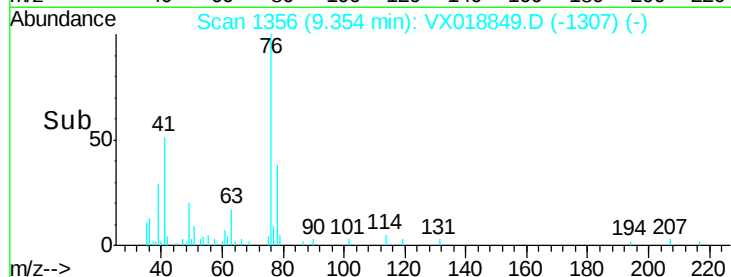
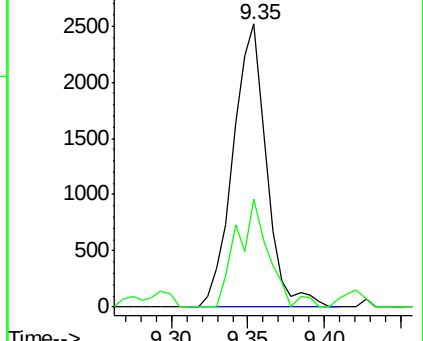
76 100

78 36.7 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 4.240 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018849.D

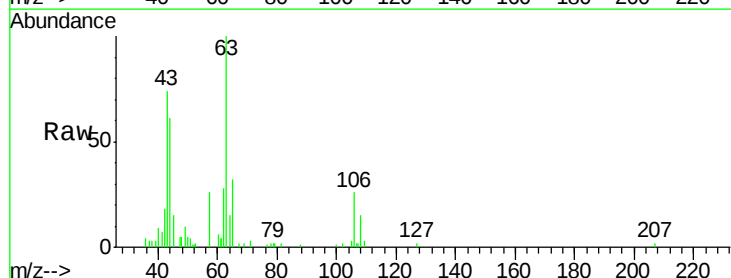
Acq: 09 Oct 2020 11:07

Tgt Ion: 63 Resp: 7444

Ion Ratio Lower Upper

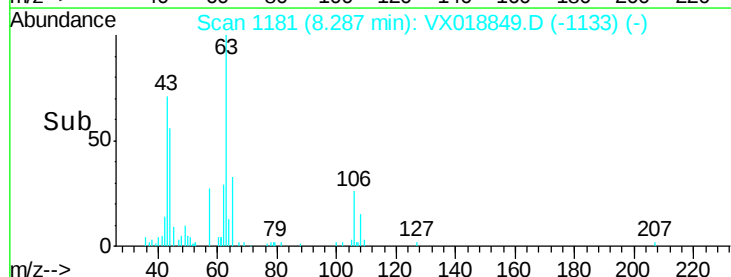
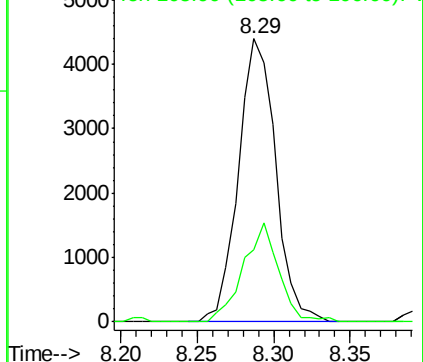
63 100

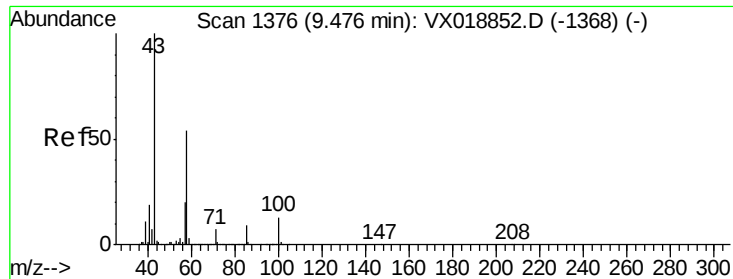
106 33.6 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

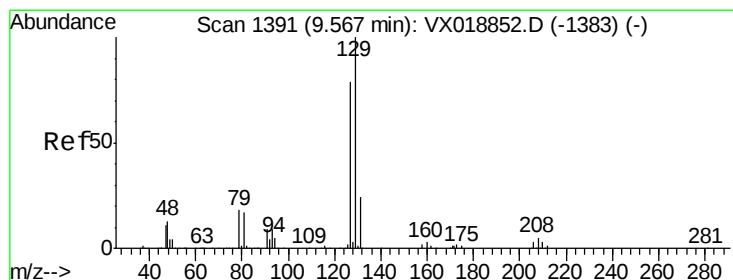
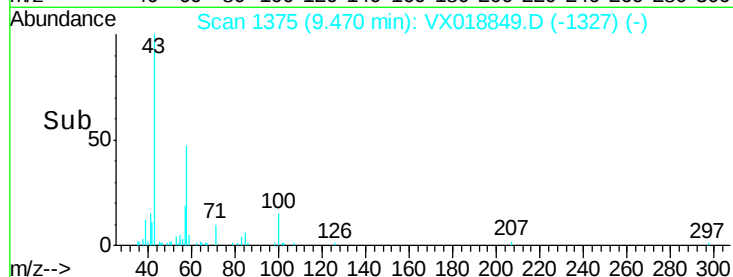
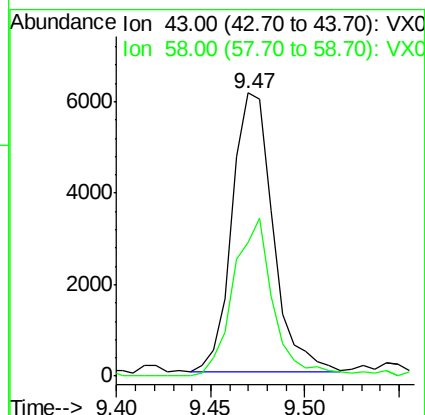
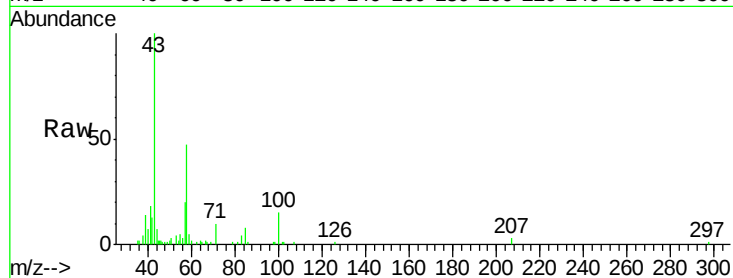




#59
2-Hexanone
Concen: 3.870 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

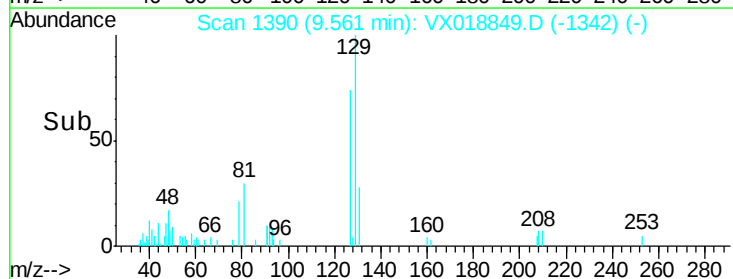
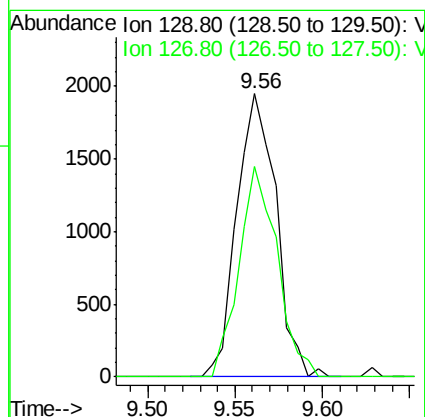
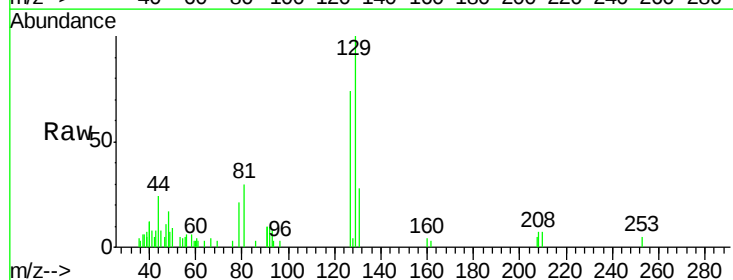
Instrument :
MSVOA_X
ClientSampleId :
VHBLK01

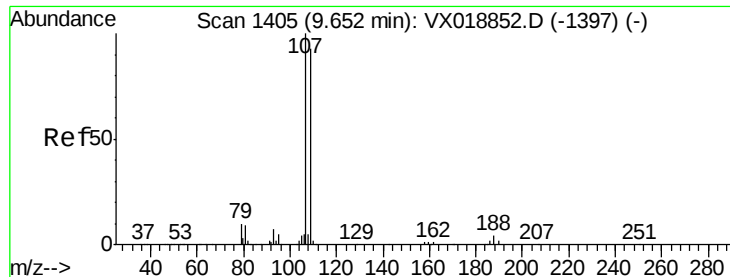
Tgt Ion: 43 Resp: 9222
Ion Ratio Lower Upper
43 100
58 54.8 26.7 80.1



#60
Dibromochloromethane
Concen: 1.128 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

Tgt Ion: 129 Resp: 3039
Ion Ratio Lower Upper
129 100
127 72.5 39.5 118.5





#61

1,2-Dibromoethane

Concen: 1.090 ug/l

RT: 9.66 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

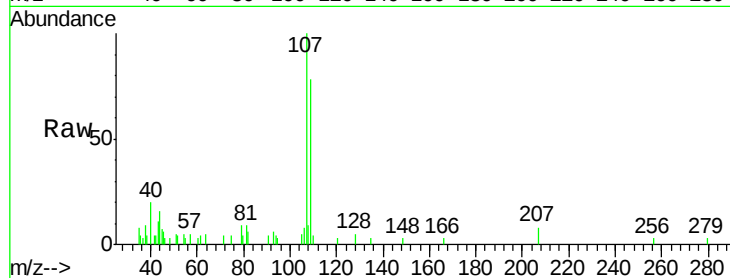
VHBLK01

Tgt Ion: 107 Resp: 2605

Ion Ratio Lower Upper

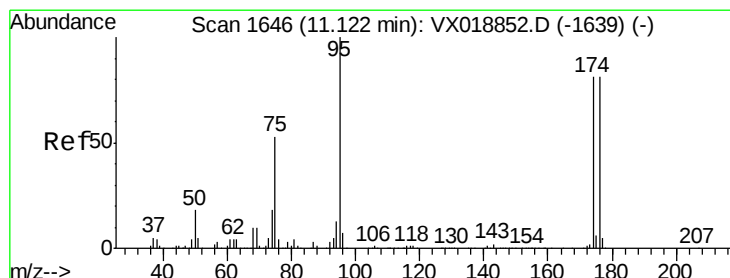
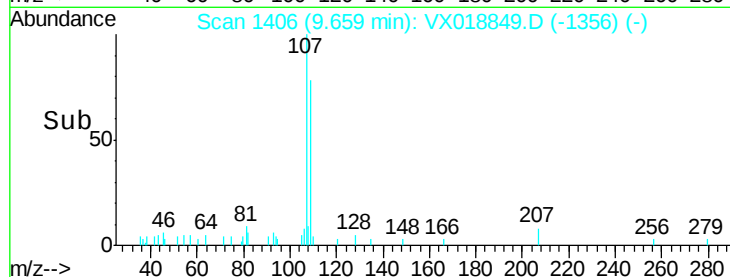
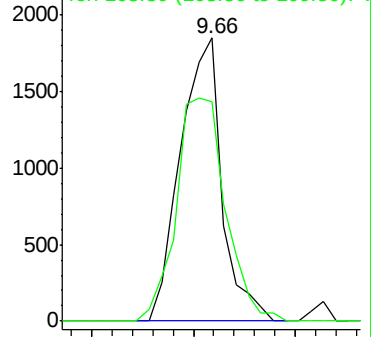
107 100

109 93.8 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 0.827 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

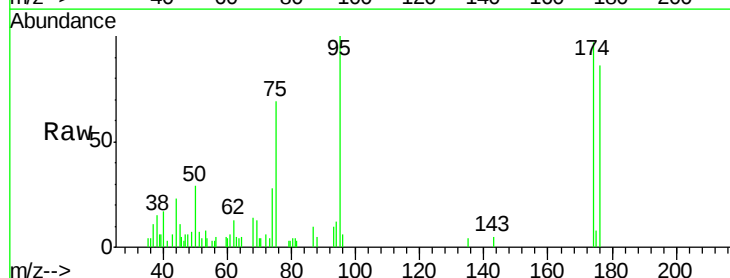
Tgt Ion: 95 Resp: 2557

Ion Ratio Lower Upper

95 100

174 93.3 0.0 160.0

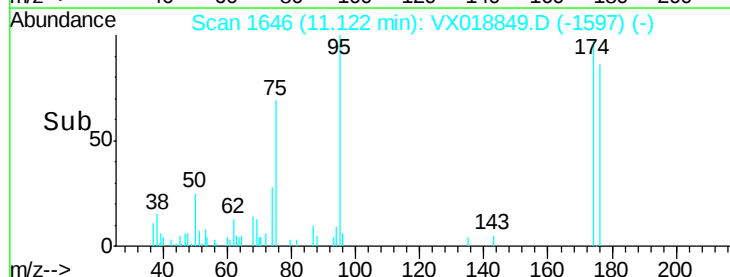
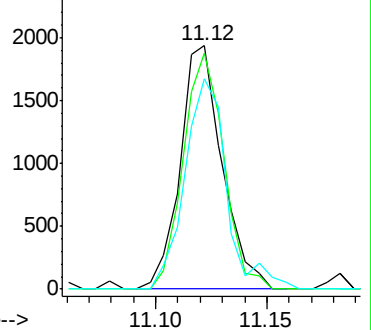
176 85.9 0.0 161.2

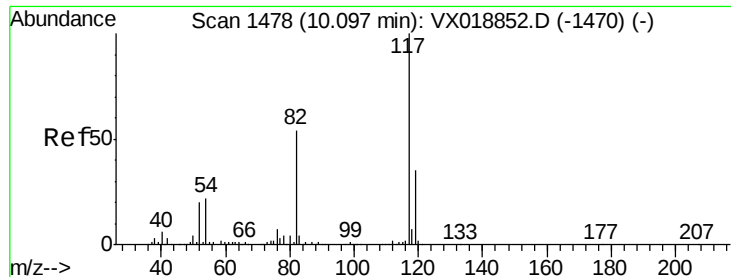


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

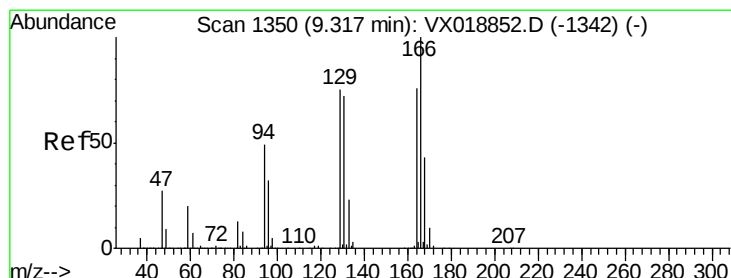
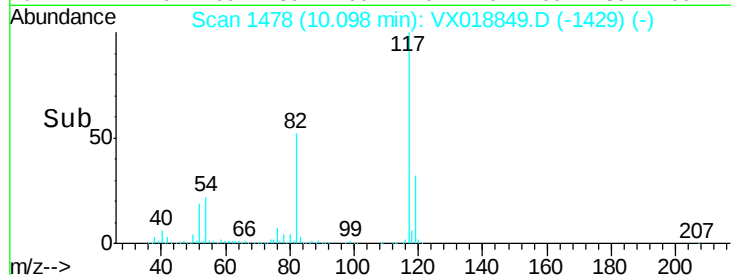
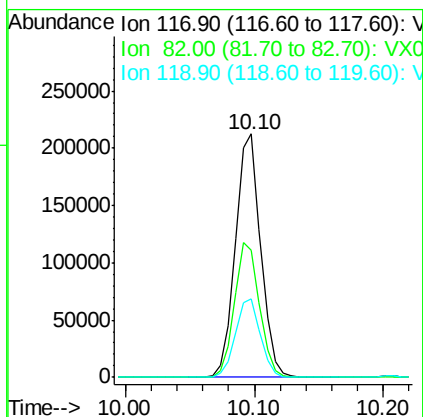
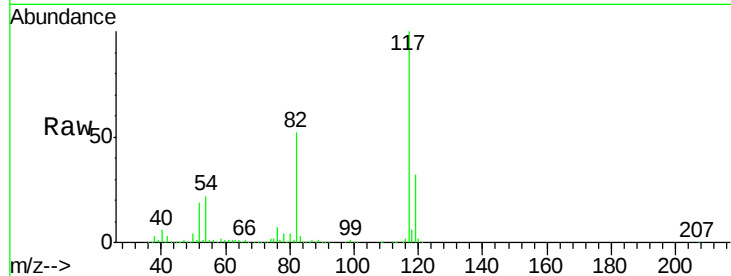




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

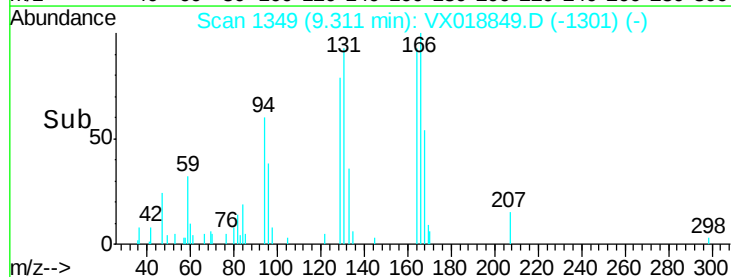
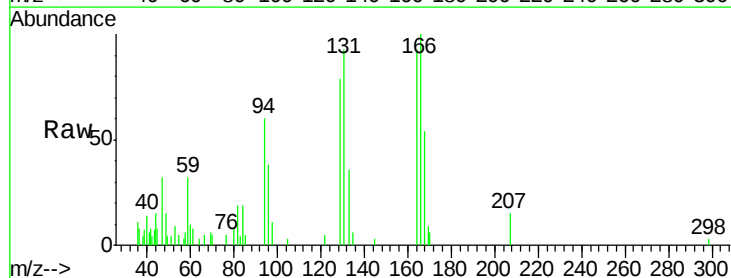
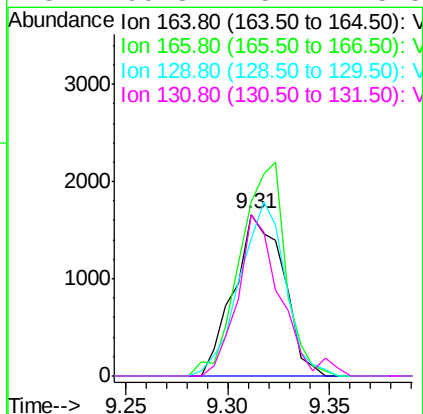
Instrument :
MSVOA_X
ClientSampled :
VHBLK01

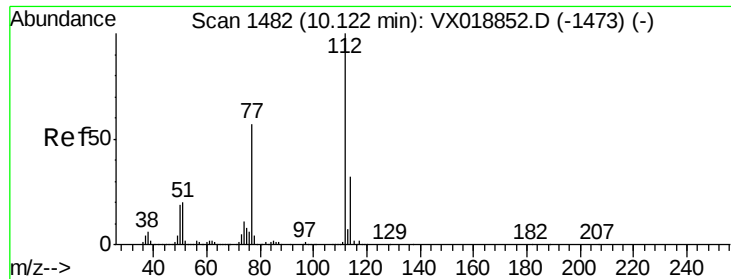
Tgt Ion:117 Resp: 290150
Ion Ratio Lower Upper
117 100
82 52.0 43.4 65.2
119 32.4 28.3 42.5



#64
Tetrachloroethene
Concen: 1.223 ug/l
RT: 9.31 min Scan# 1349
Delta R.T. -0.01 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

Tgt Ion:164 Resp: 2782
Ion Ratio Lower Upper
164 100
166 107.3 105.4 158.0
129 84.3 79.0 118.6
131 99.3 75.7 113.5

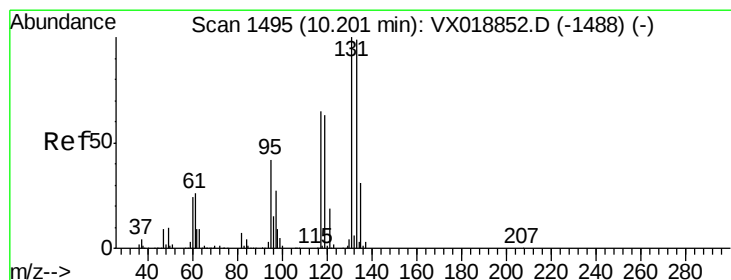
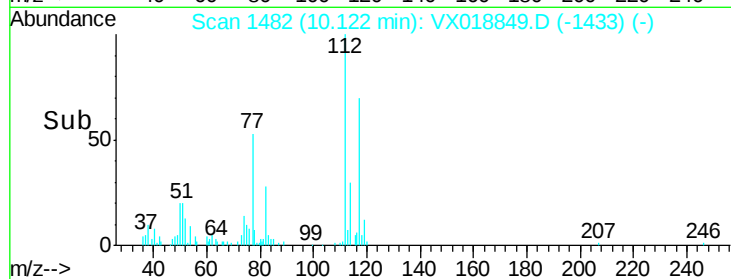
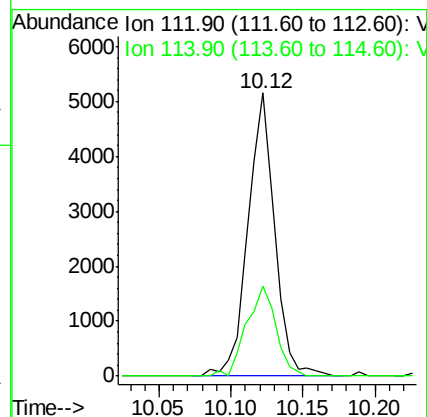
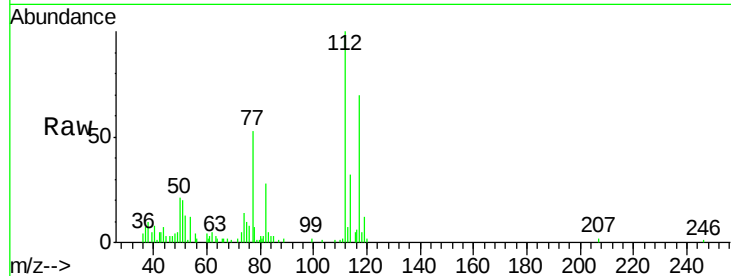




#65
Chlorobenzene
Concen: 1.099 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

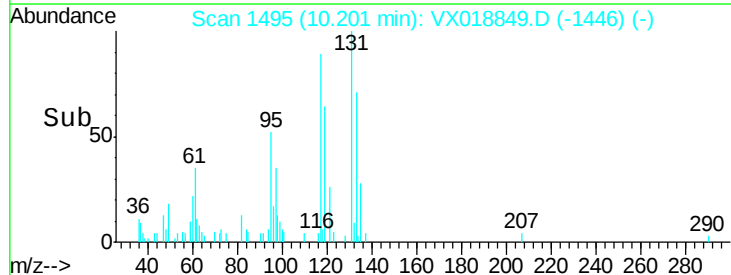
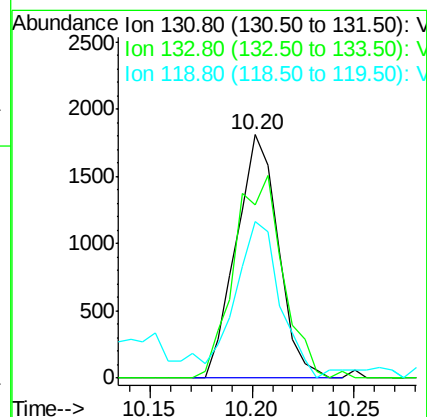
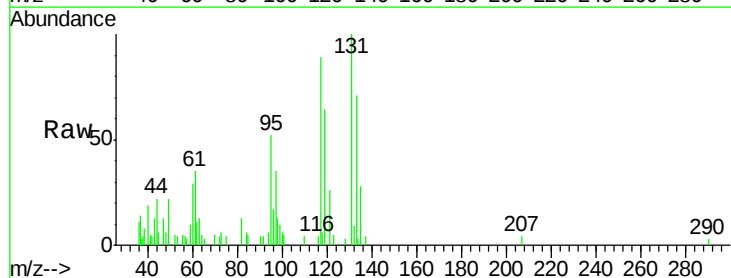
Instrument :
MSVOA_X
ClientSampleId :
VHBLK01

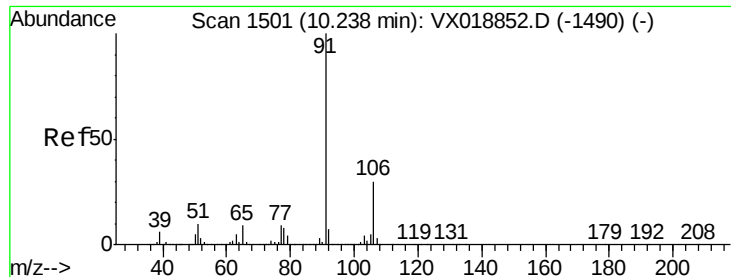
Tgt Ion:112 Resp: 6607
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 1.076 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

Tgt Ion:131 Resp: 2597
Ion Ratio Lower Upper
131 100
133 96.7 48.6 145.8
119 0.0 31.1 93.3#





#67

Ethyl Benzene

Concen: 0.975 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

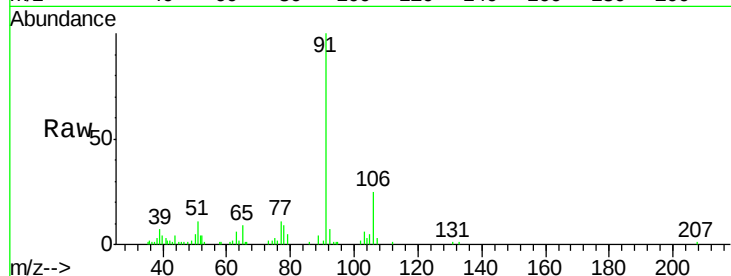
VHBLK01

Tgt Ion: 91 Resp: 10161

Ion Ratio Lower Upper

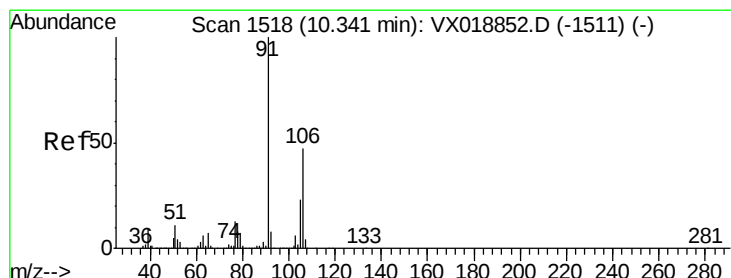
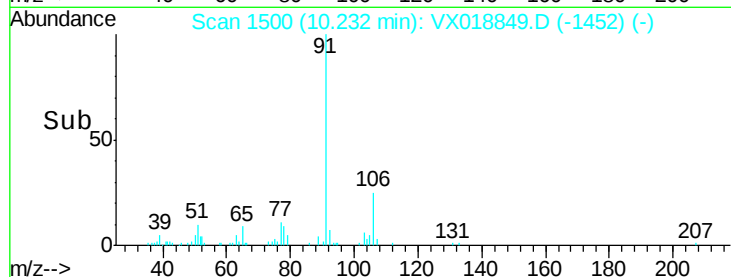
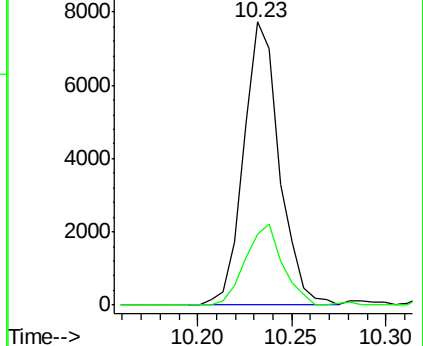
91 100

106 24.9 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 1.802 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018849.D

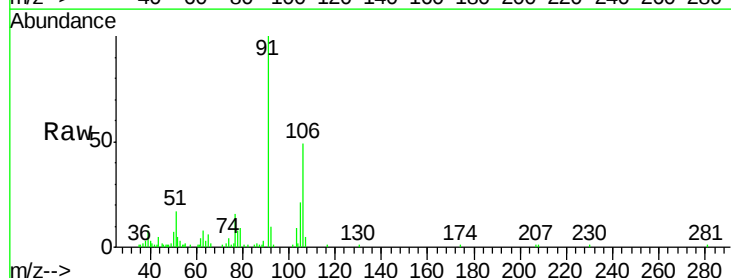
Acq: 09 Oct 2020 11:07

Tgt Ion: 106 Resp: 7119

Ion Ratio Lower Upper

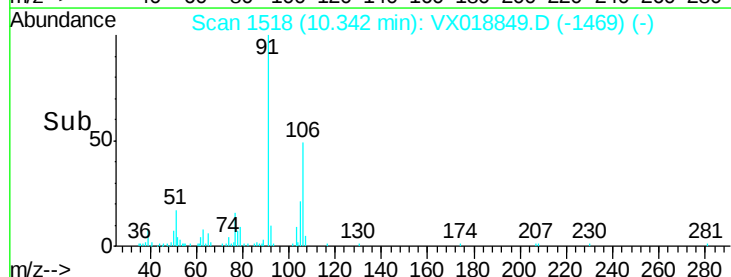
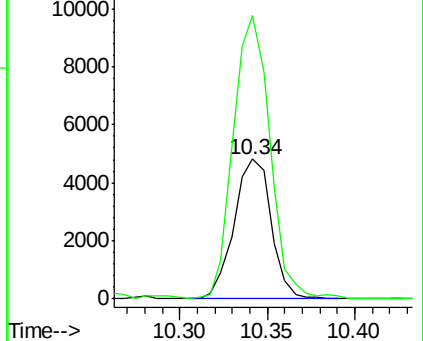
106 100

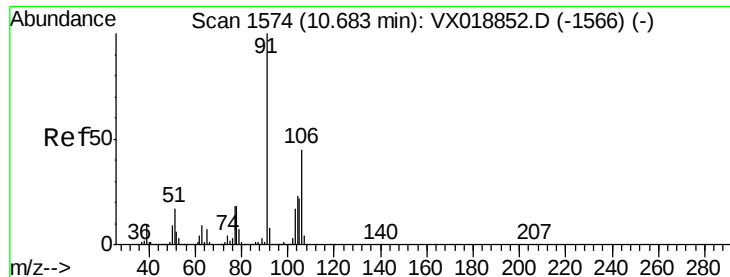
91 200.4 165.6 248.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

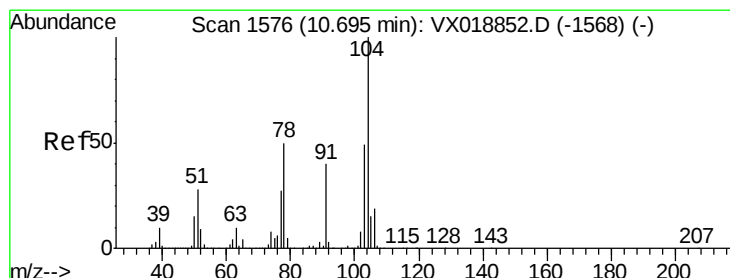
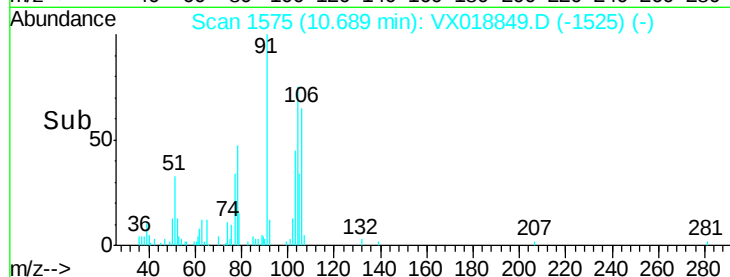
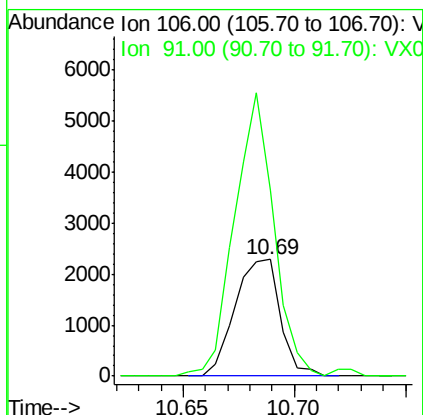
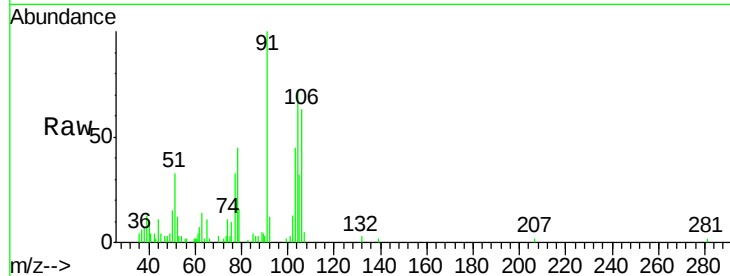




#69
o-Xylene
Concen: 0.867 ug/l
RT: 10.69 min Scan# 1575
Delta R.T. 0.01 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

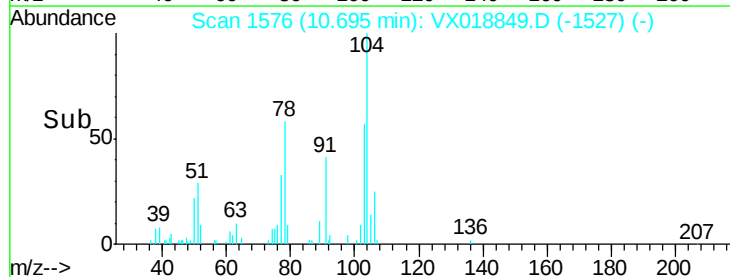
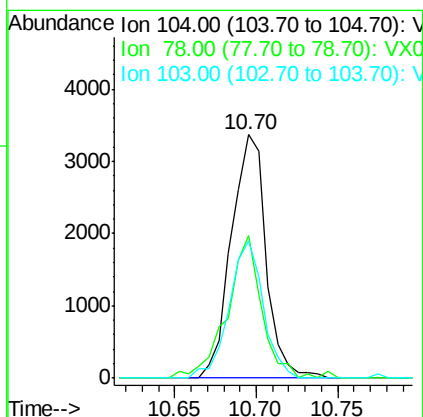
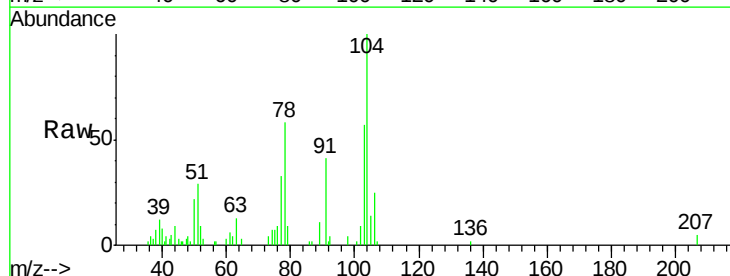
Instrument :
MSVOA_X
ClientSampleId :
VHBLK01

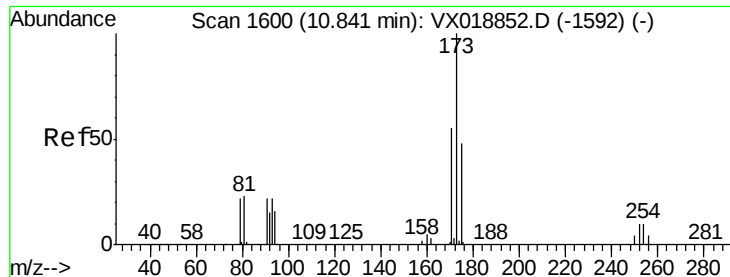
Tgt Ion:106 Resp: 3232
Ion Ratio Lower Upper
106 100
91 210.6 109.9 329.6



#70
Styrene
Concen: 0.780 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

Tgt Ion:104 Resp: 5010
Ion Ratio Lower Upper
104 100
78 57.7 43.5 65.3
103 55.2 43.3 64.9





#71

Bromoform

Concen: 1.127 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VHBLK01

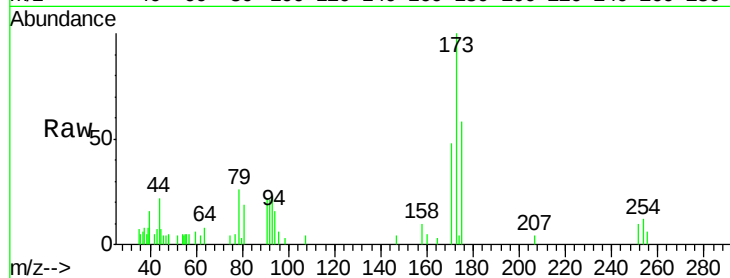
Tgt Ion:173 Resp: 2297

Ion Ratio Lower Upper

173 100

175 57.8 23.4 70.0

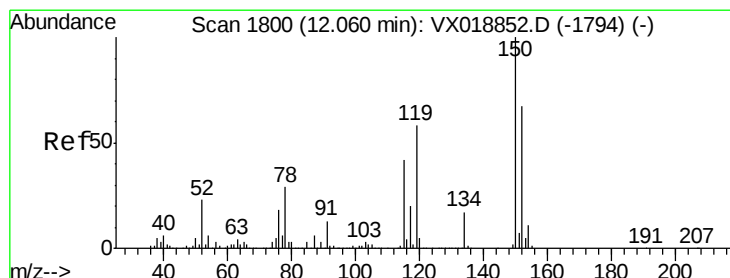
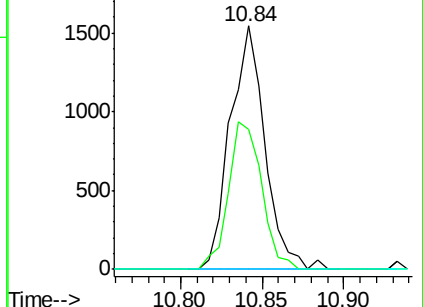
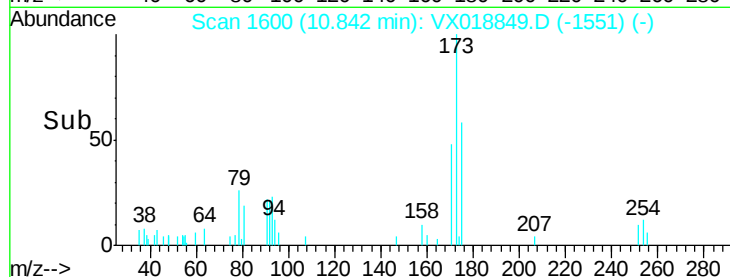
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

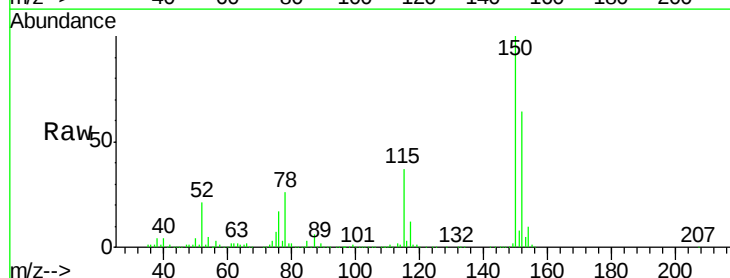
Tgt Ion:152 Resp: 141783

Ion Ratio Lower Upper

152 100

115 58.1 41.8 125.4

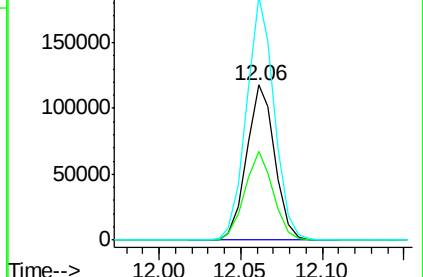
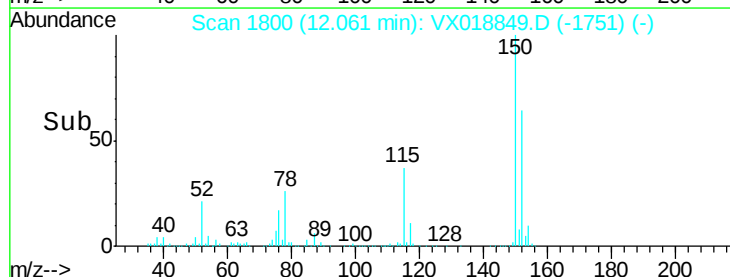
150 154.5 0.0 347.6

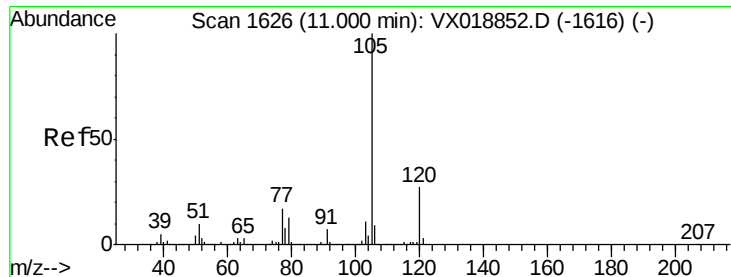


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.830 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

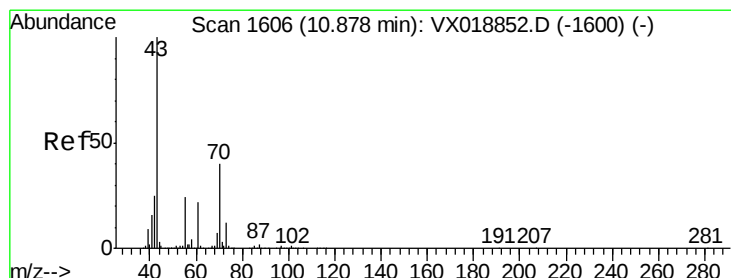
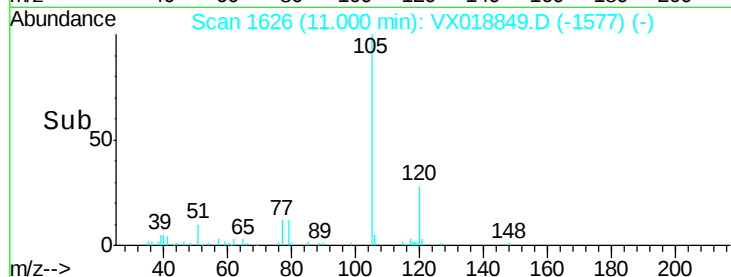
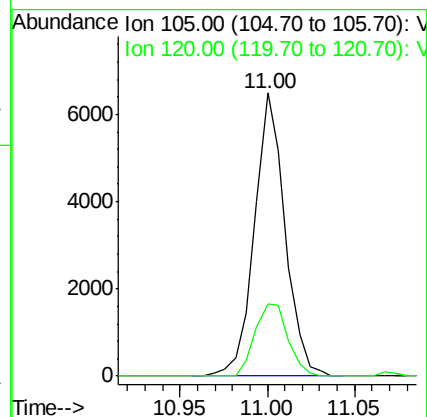
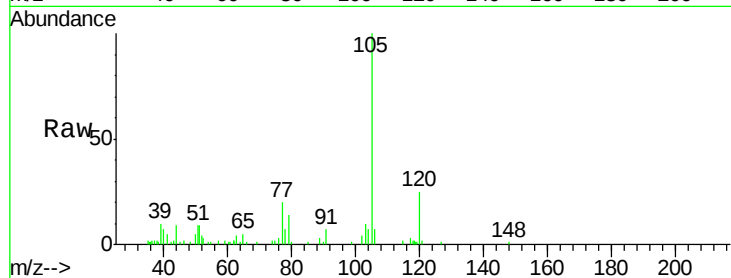
VHBLK01

Tgt Ion:105 Resp: 7879

Ion Ratio Lower Upper

105 100

120 27.4 13.3 39.8



#74

N-ethyl acetate

Concen: 0.717 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Tgt Ion: 43 Resp: 3010

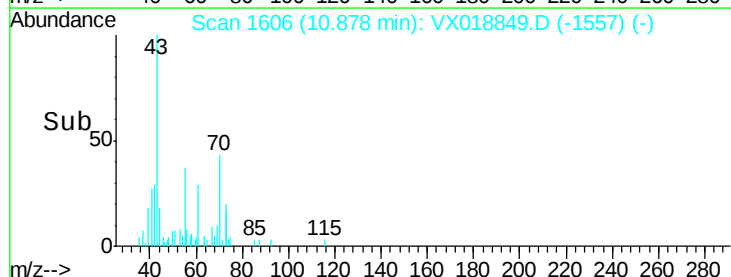
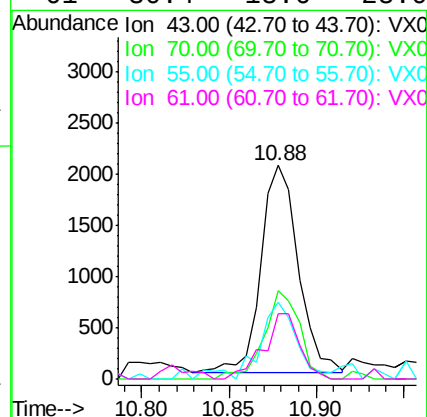
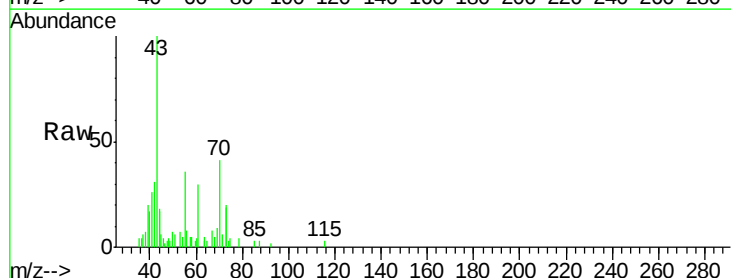
Ion Ratio Lower Upper

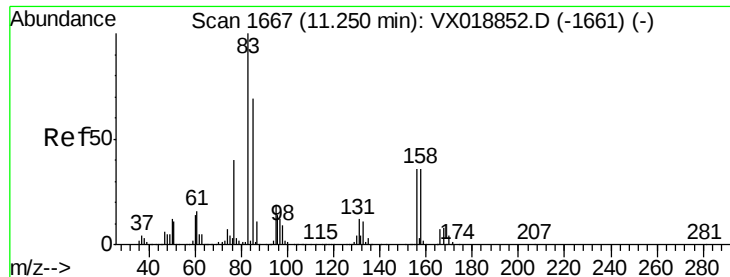
43 100

70 40.3 33.7 50.5

55 37.7 19.8 29.8#

61 30.4 18.6 28.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.099 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VHBLK01

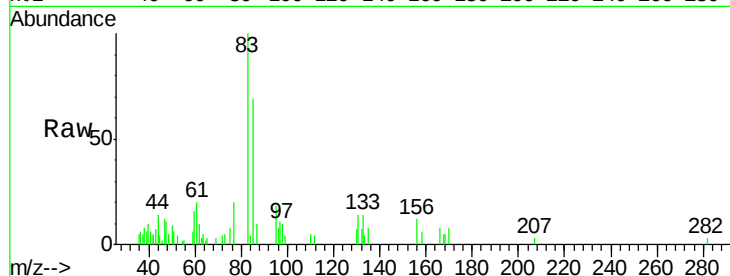
Tgt Ion: 83 Resp: 3421

Ion Ratio Lower Upper

83 100

131 15.7 5.9 17.8

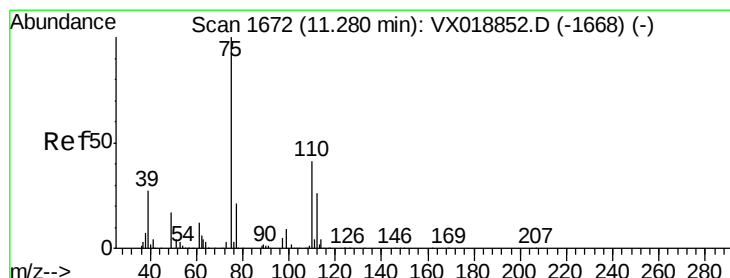
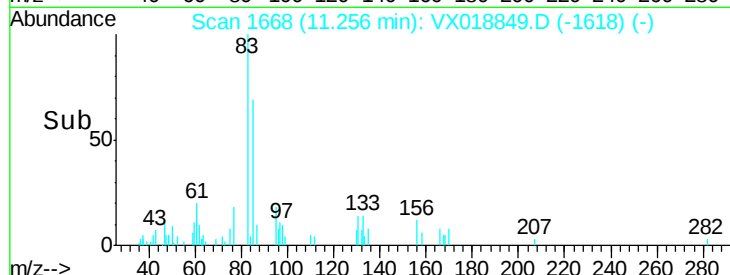
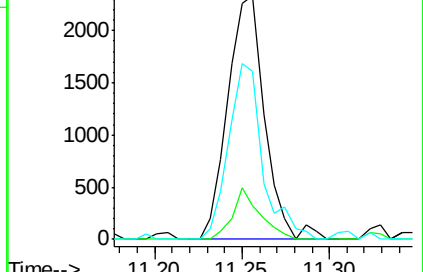
85 67.1 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.470 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018849.D

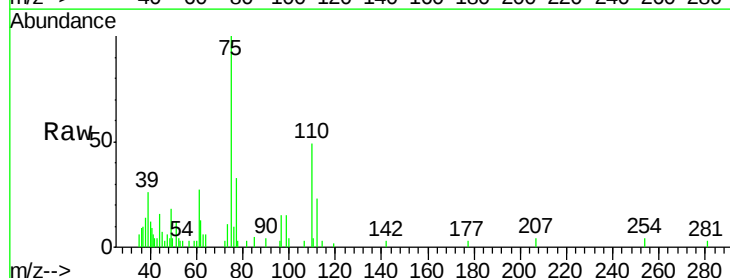
Acq: 09 Oct 2020 11:07

Tgt Ion: 75 Resp: 4370

Ion Ratio Lower Upper

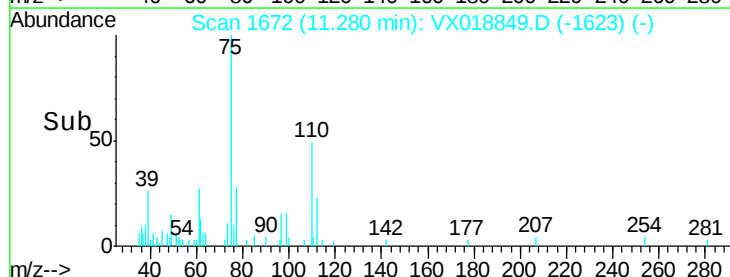
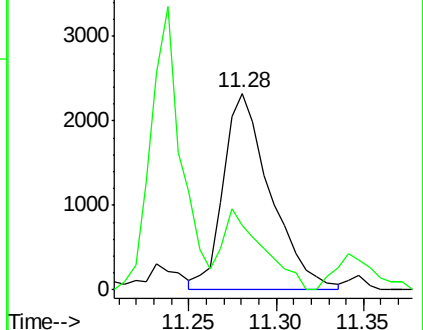
75 100

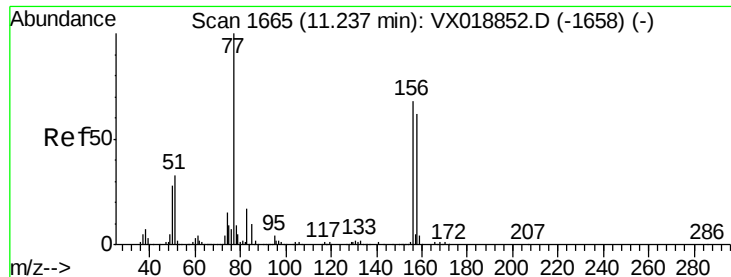
77 34.6 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.983 ug/l

RT: 11.23 min Scan# 1664

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VHBLK01

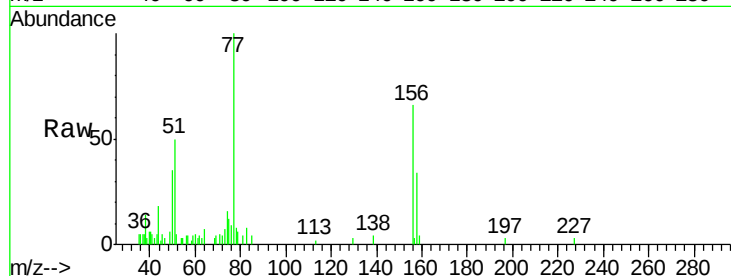
Tgt Ion:156 Resp: 2573

Ion Ratio Lower Upper

156 100

77 157.7 76.0 228.1

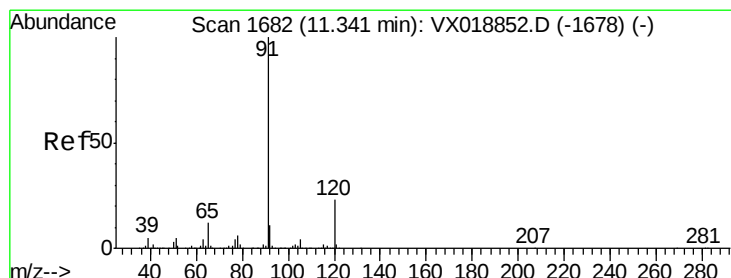
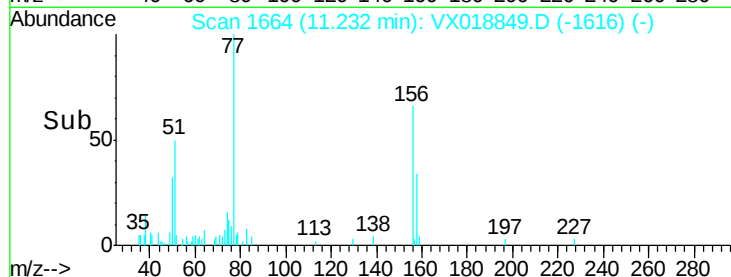
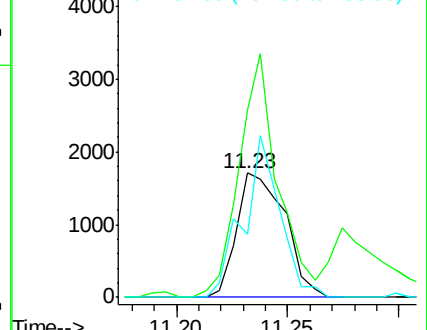
158 98.6 47.2 141.6



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: 0.852 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018849.D

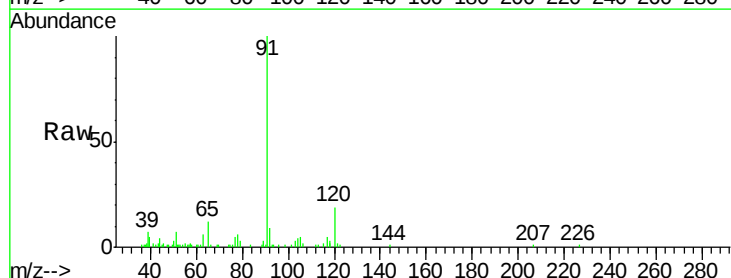
Acq: 09 Oct 2020 11:07

Tgt Ion: 91 Resp: 9414

Ion Ratio Lower Upper

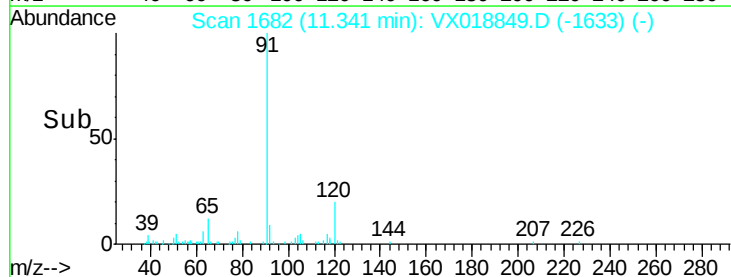
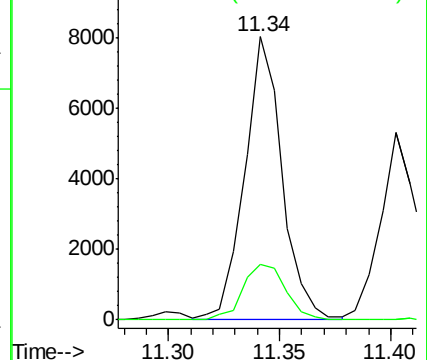
91 100

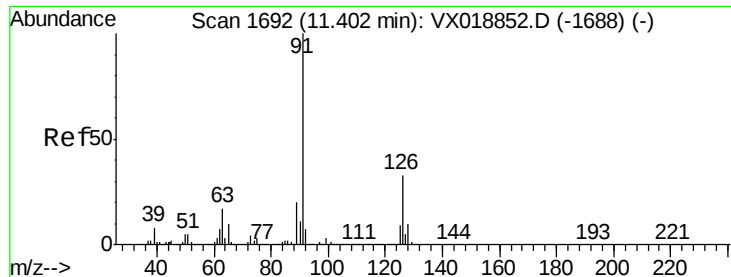
120 22.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

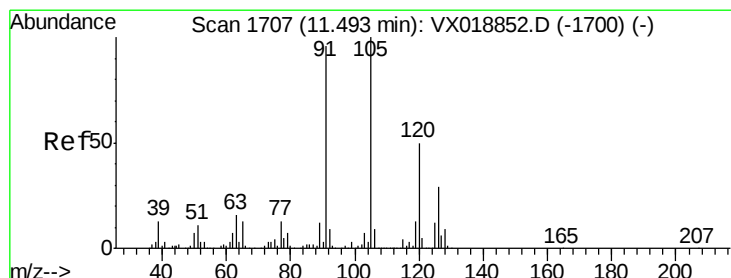
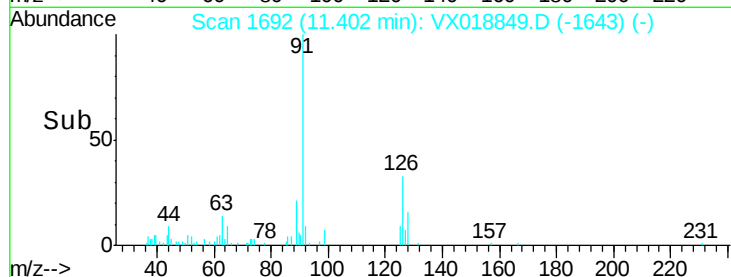
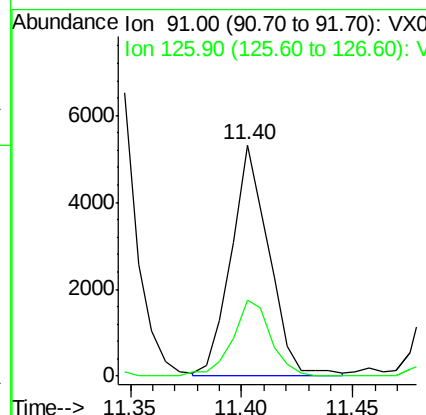
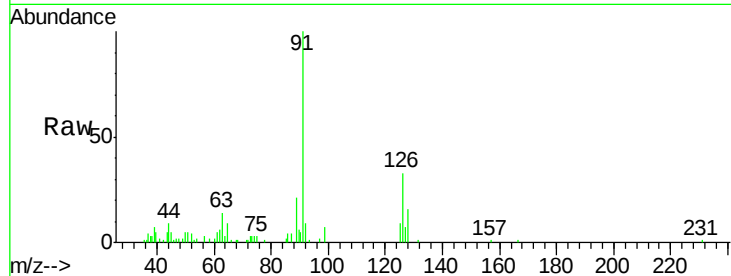




#79
2-Chlorotoluene
Concen: 0.939 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

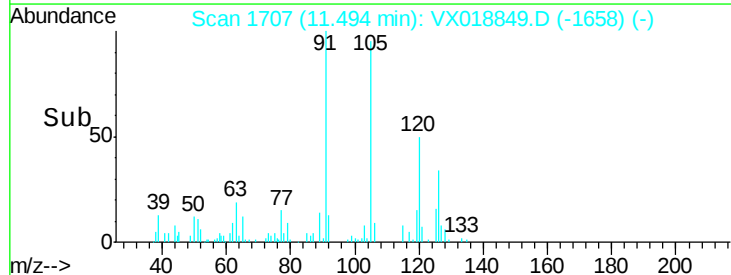
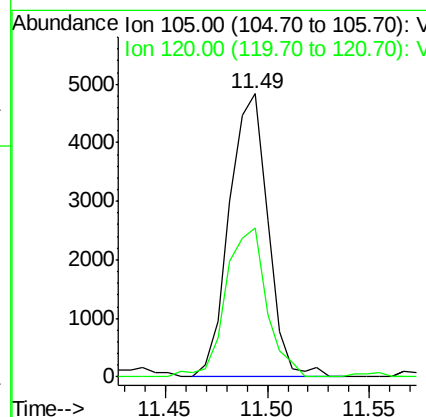
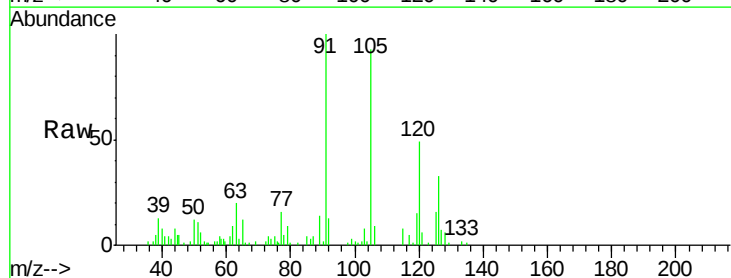
Instrument :
MSVOA_X
ClientSampleId :
VHBLK01

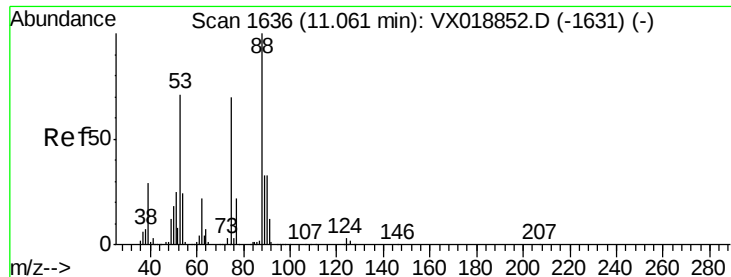
Tgt Ion: 91 Resp: 6299
Ion Ratio Lower Upper
91 100
126 33.5 17.1 51.3



#80
1,3,5-Trimethylbenzene
Concen: 0.778 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

Tgt Ion: 105 Resp: 6326
Ion Ratio Lower Upper
105 100
120 55.7 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 1.044 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VHBLK01

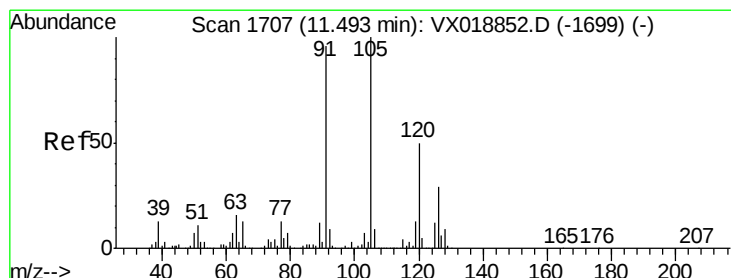
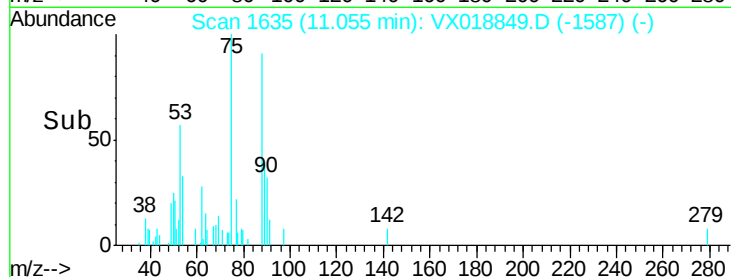
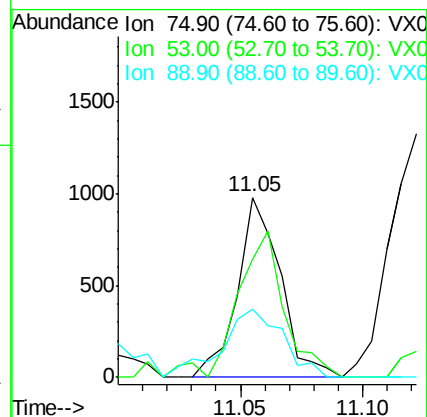
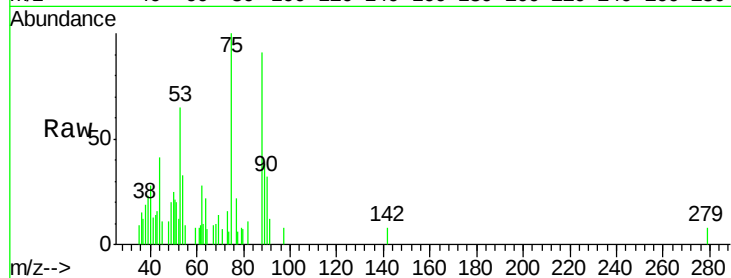
Tgt Ion: 75 Resp: 1192

Ion Ratio Lower Upper

75 100

53 89.7 85.0 127.4

89 53.9 39.0 58.4



#82

4-Chlorotoluene

Concen: 0.866 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018849.D

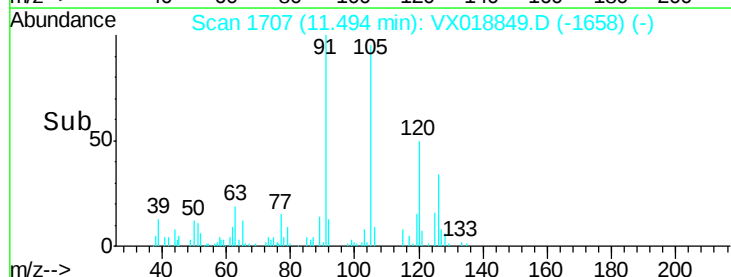
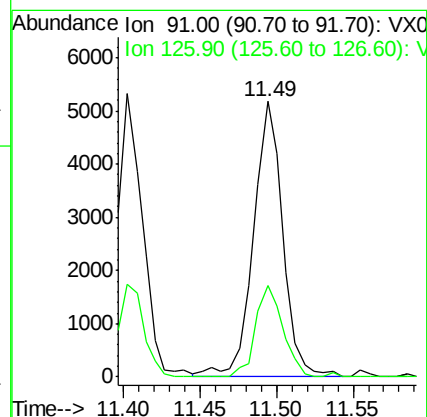
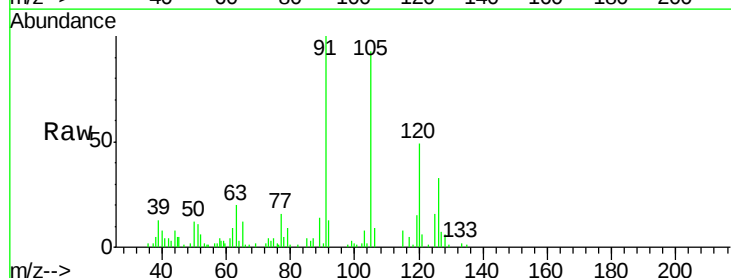
Acq: 09 Oct 2020 11:07

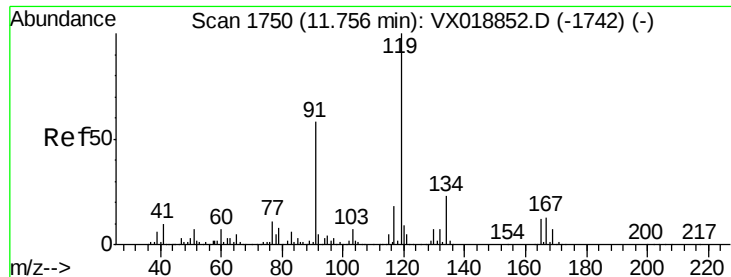
Tgt Ion: 91 Resp: 6919

Ion Ratio Lower Upper

91 100

126 30.7 14.9 44.7

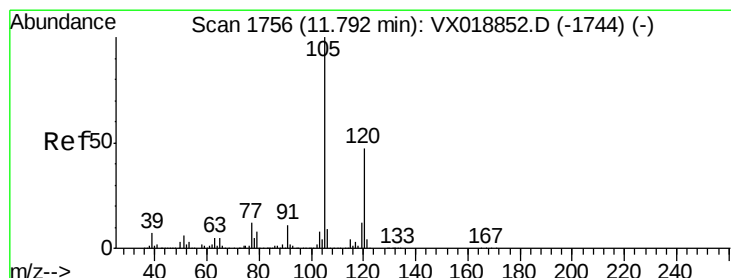
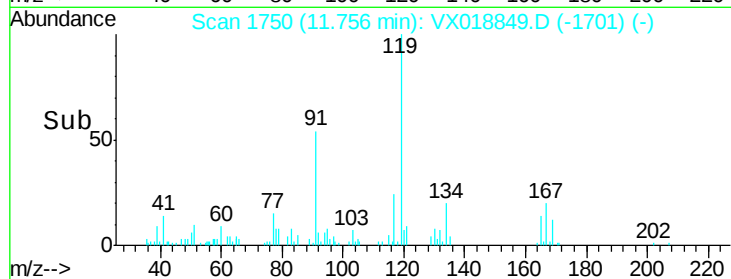
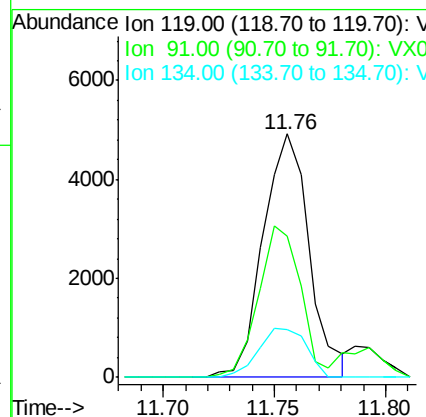
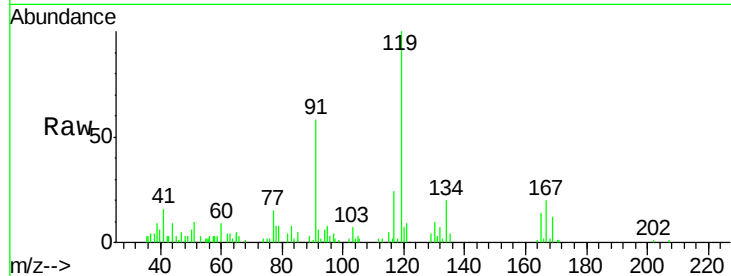




#83
 tert-Butylbenzene
 Concen: 0.893 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

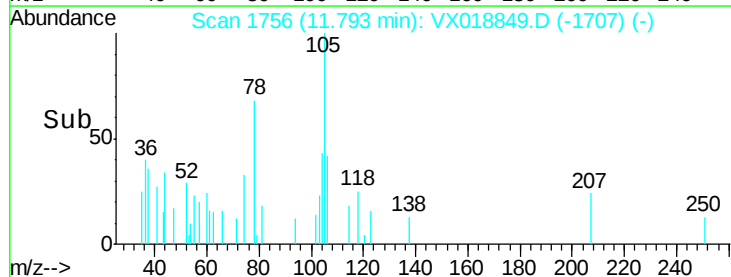
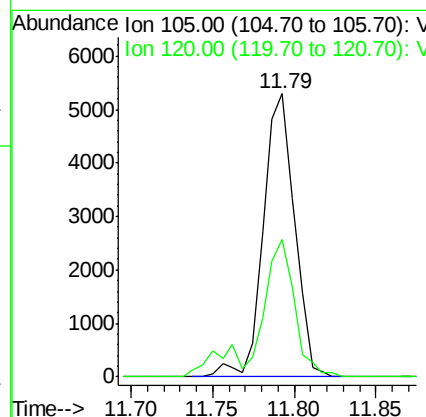
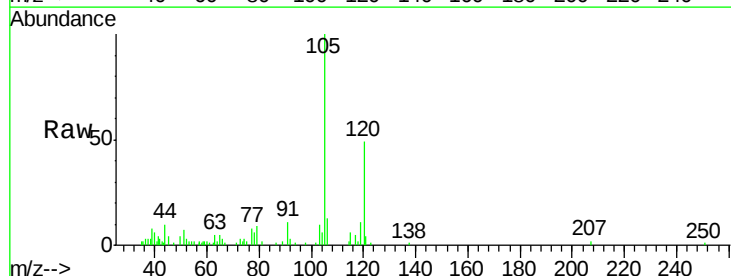
Instrument :
 MSVOA_X
 ClientSampleId :
 VHBLK01

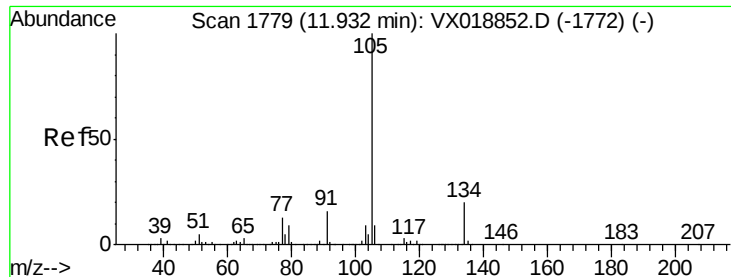
Tgt Ion:119 Resp: 7058
 Ion Ratio Lower Upper
 119 100
 91 57.3 28.6 85.9
 134 21.0 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 0.861 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

Tgt Ion:105 Resp: 7028
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.6 67.8

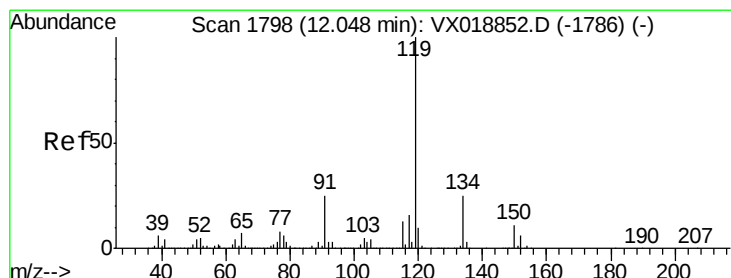
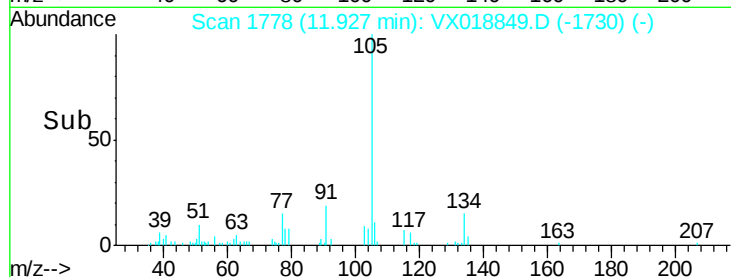
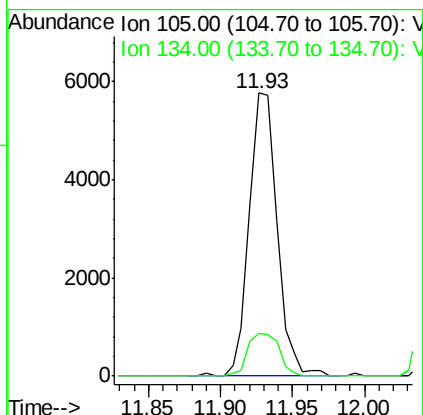
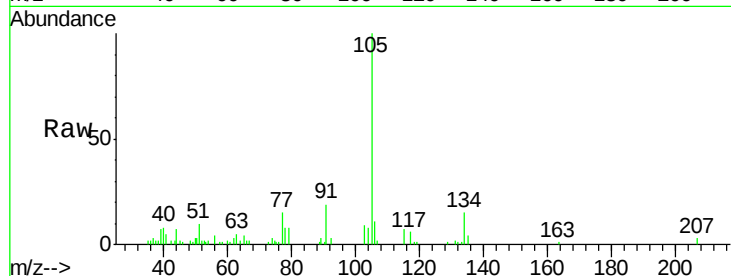




#85
 sec-Butylbenzene
 Concen: 0.833 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

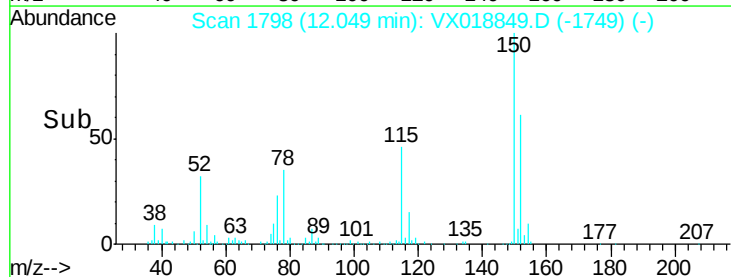
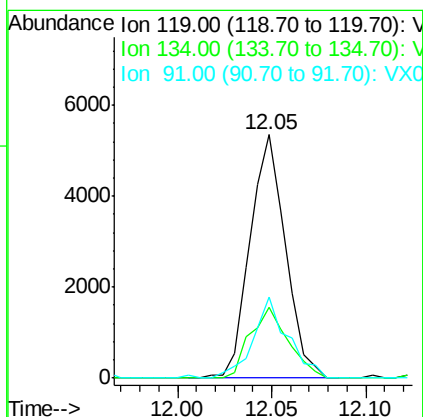
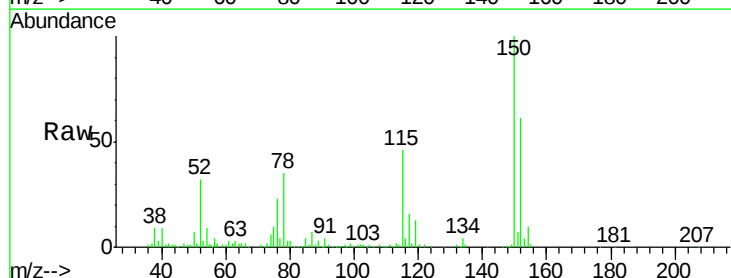
Instrument :
 MSVOA_X
 ClientSampleId :
 VHBLK01

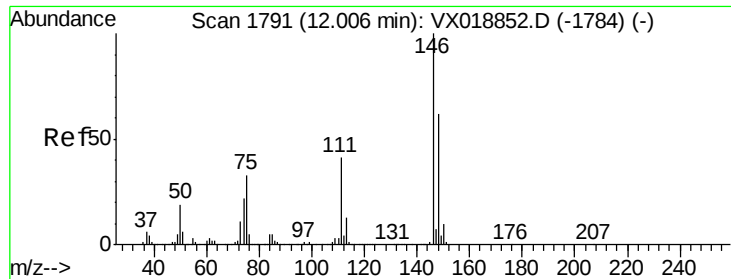
Tgt Ion:105 Resp: 7730
 Ion Ratio Lower Upper
 105 100
 134 16.9 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 0.813 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

Tgt Ion:119 Resp: 6973
 Ion Ratio Lower Upper
 119 100
 134 31.3 12.8 38.4
 91 32.7 12.3 36.9

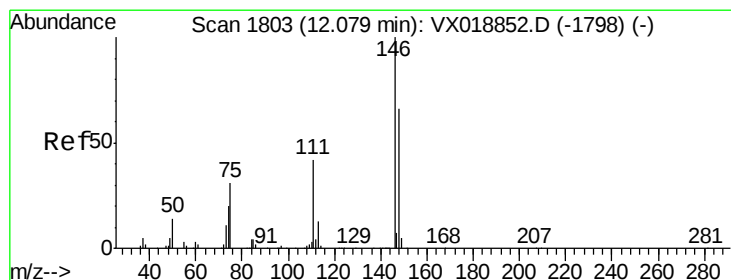
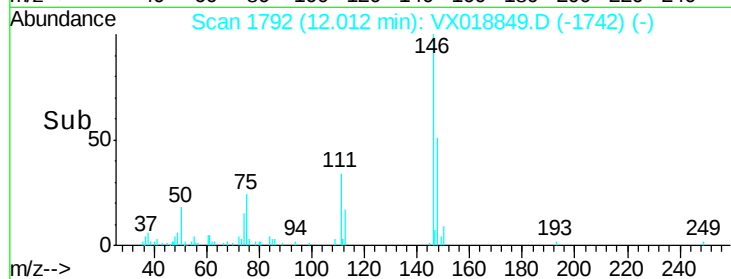
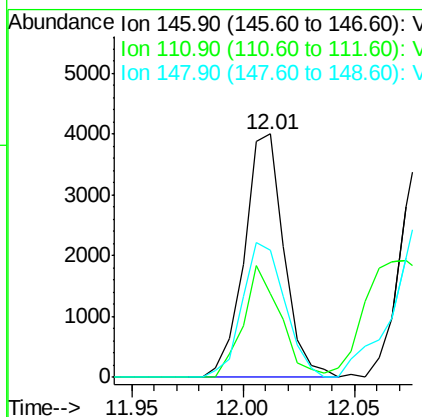
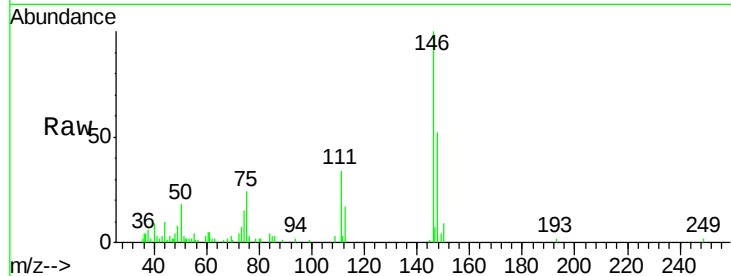




#87
 1,3-Dichlorobenzene
 Concen: 1.060 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

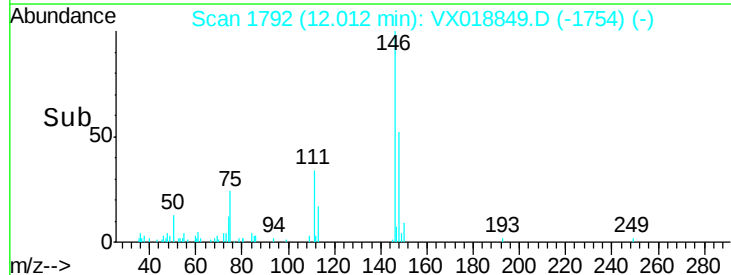
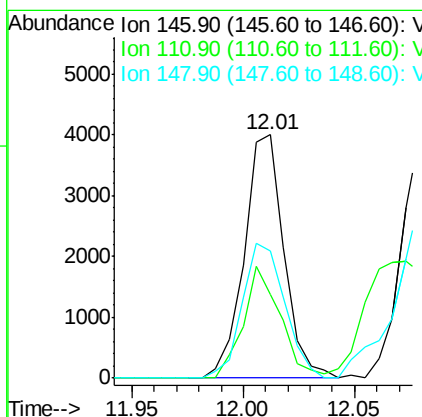
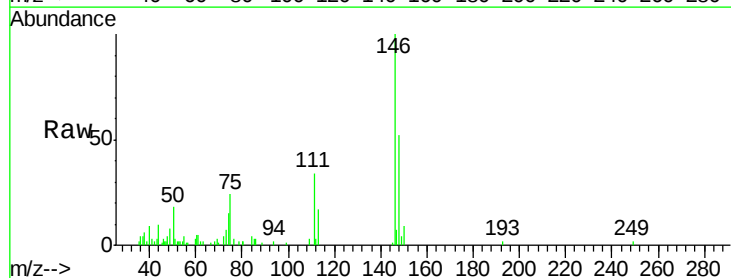
Instrument :
 MSVOA_X
 ClientSampled :
 VHBLK01

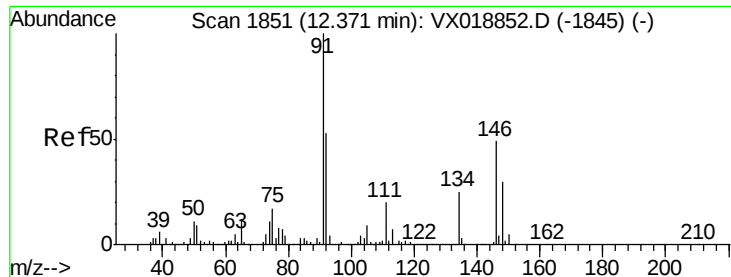
Tgt Ion:146 Resp: 4989
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.0 59.9
 148 59.3 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 1.050 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.07 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

Tgt Ion:146 Resp: 4989
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.5 61.5
 148 59.3 32.2 96.6

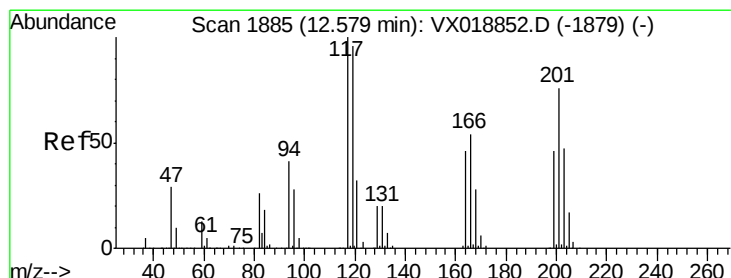
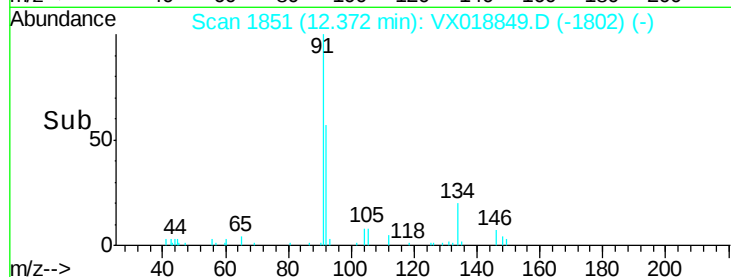
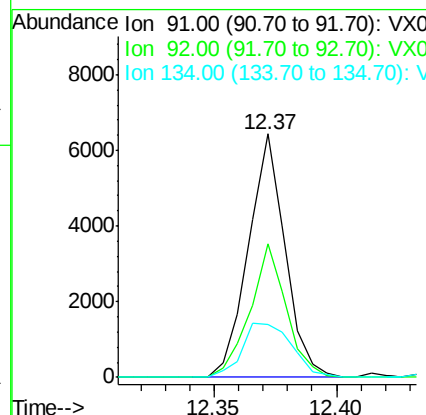
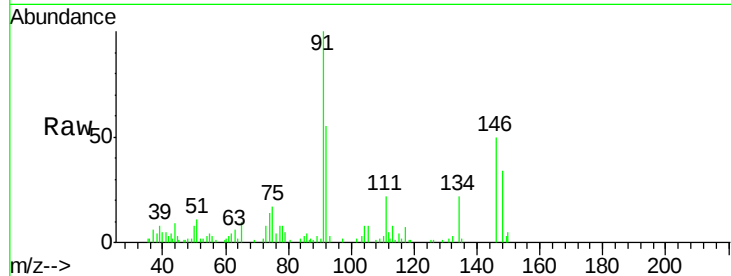




#89
n-Butylbenzene
Concen: 0.855 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

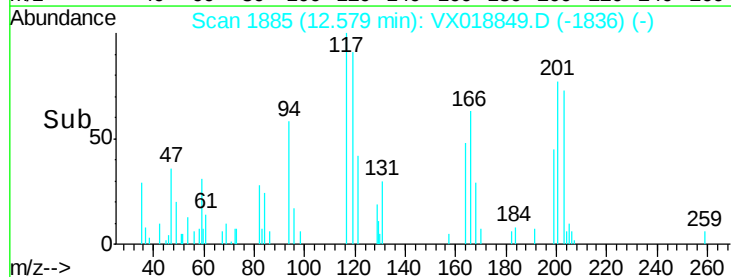
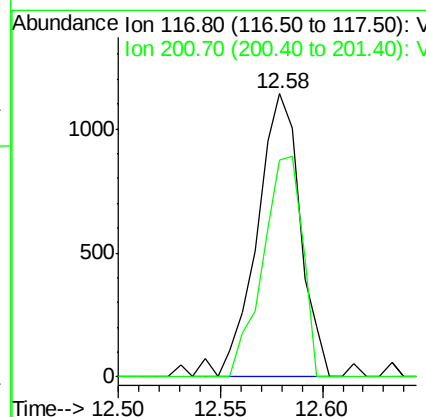
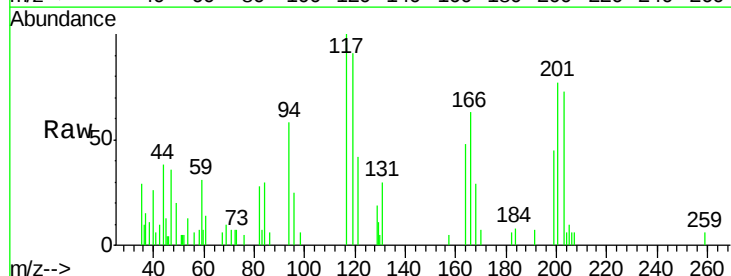
Instrument :
MSVOA_X
ClientSampleId :
VHBLK01

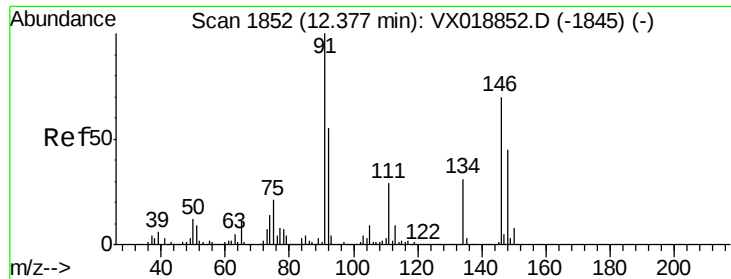
Tgt Ion: 91 Resp: 6710
Ion Ratio Lower Upper
91 100
92 54.0 26.7 80.0
134 29.9 13.5 40.4



#90
Hexachloroethane
Concen: 1.011 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

Tgt Ion: 117 Resp: 1700
Ion Ratio Lower Upper
117 100
201 70.8 37.4 112.2

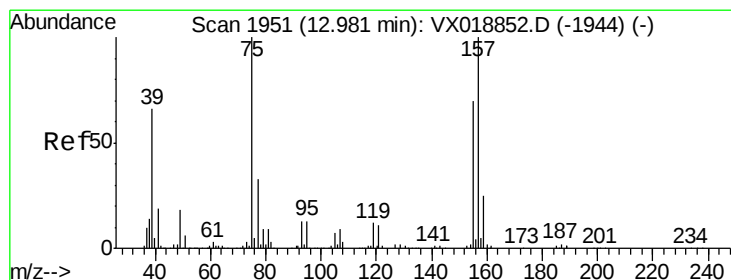
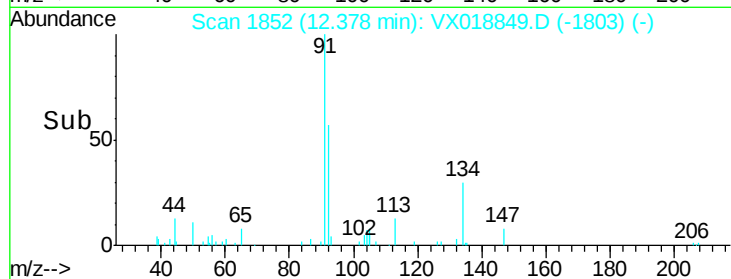
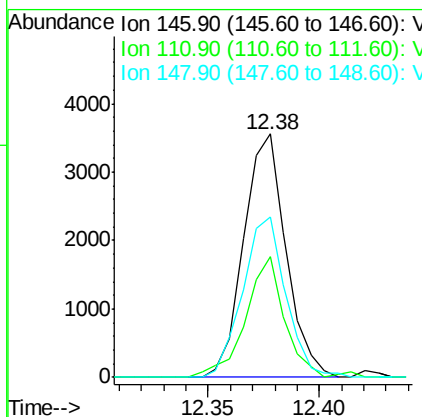
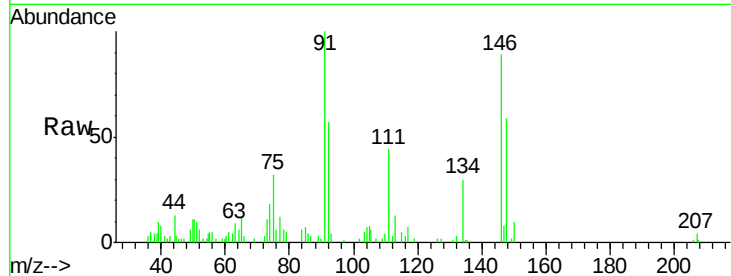




#91
 1,2-Dichlorobenzene
 Concen: 1.065 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

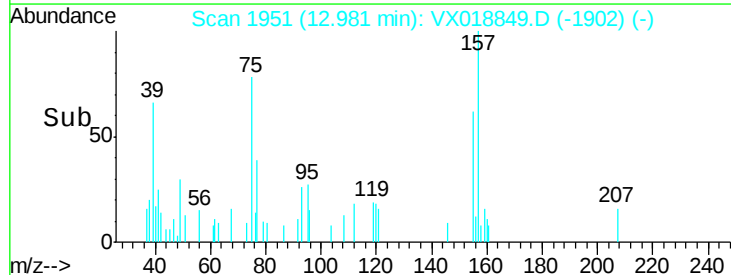
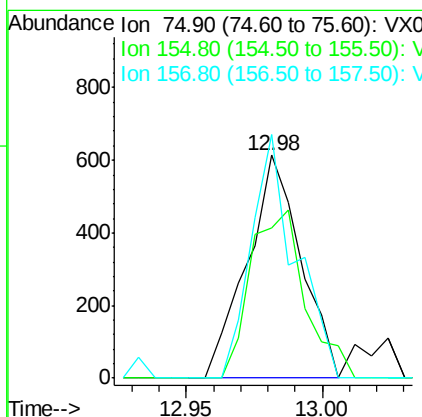
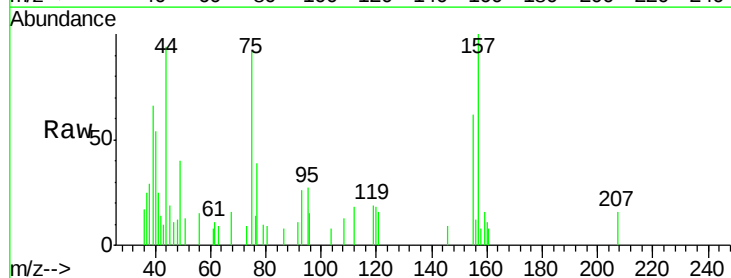
Instrument :
 MSVOA_X
 ClientSampleId :
 VHBLK01

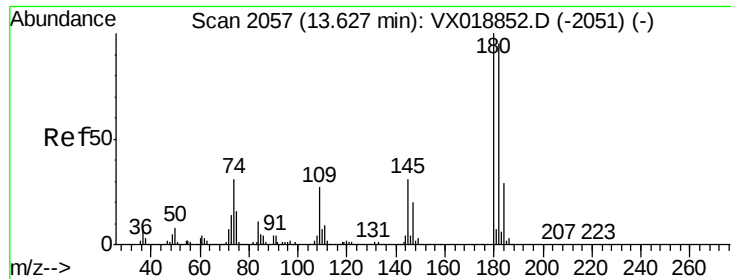
Tgt Ion: 146 Resp: 4704
 Ion Ratio Lower Upper
 146 100
 111 46.5 20.6 61.9
 148 67.3 31.1 93.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.102 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

Tgt Ion: 75 Resp: 839
 Ion Ratio Lower Upper
 75 100
 155 76.9 38.0 113.9
 157 90.6 50.9 152.7

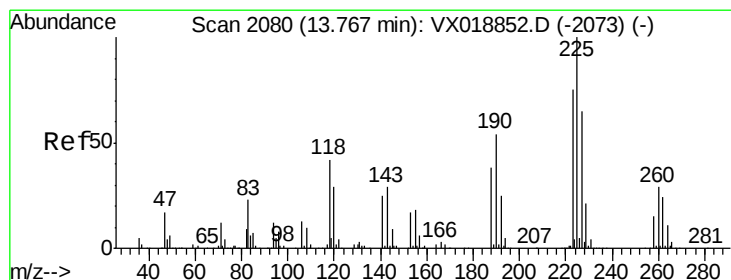
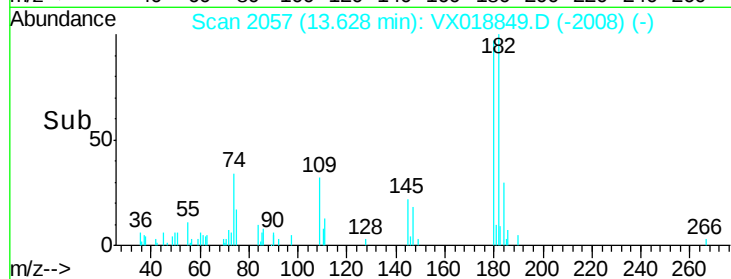
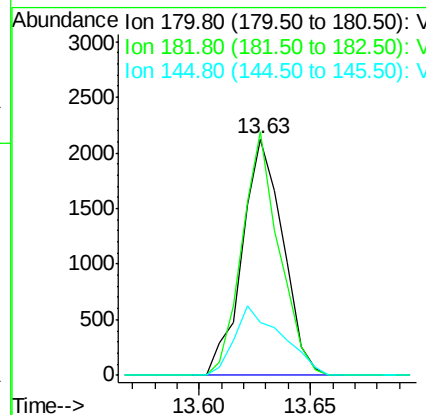
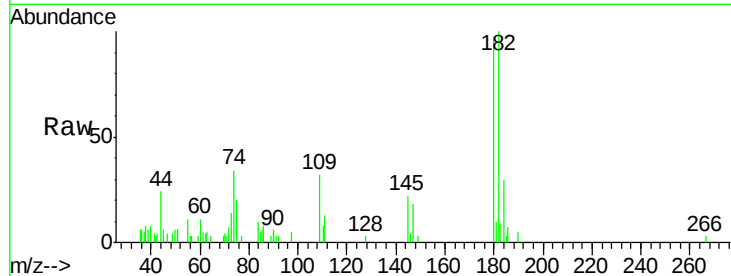




#93
 1,2,4-Trichlorobenzene
 Concen: 0.889 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

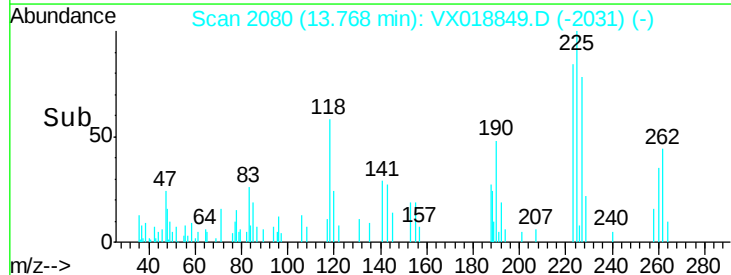
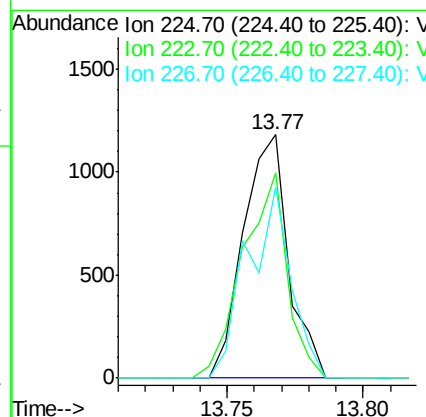
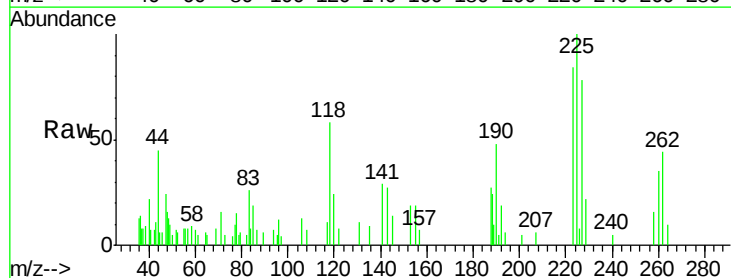
Instrument :
 MSVOA_X
 ClientSampleId :
 VHBLK01

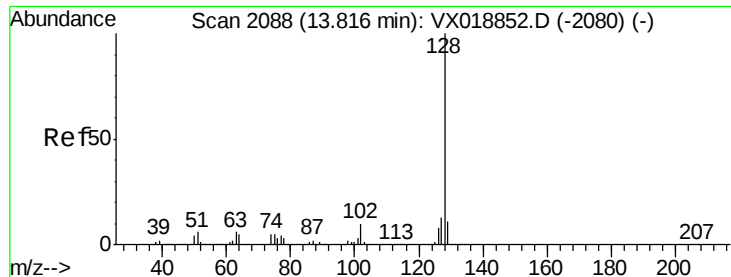
Tgt Ion:180 Resp: 2709
 Ion Ratio Lower Upper
 180 100
 182 93.4 49.1 147.3
 145 34.1 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 1.060 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

Tgt Ion:225 Resp: 1357
 Ion Ratio Lower Upper
 225 100
 223 83.1 32.1 96.3
 227 76.2 33.0 98.9





#95

Naphthalene

Concen: 0.660 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VHBLK01

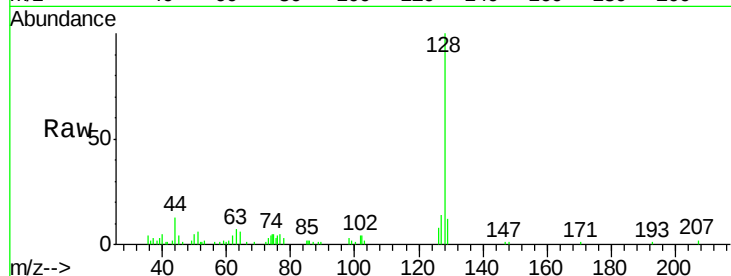
Tgt Ion:128 Resp: 6063

Ion Ratio Lower Upper

128 100

127 16.8 10.1 15.1#

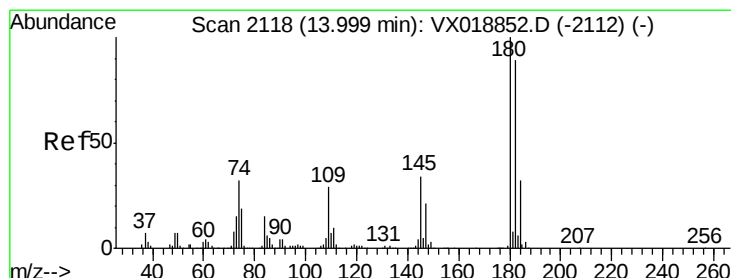
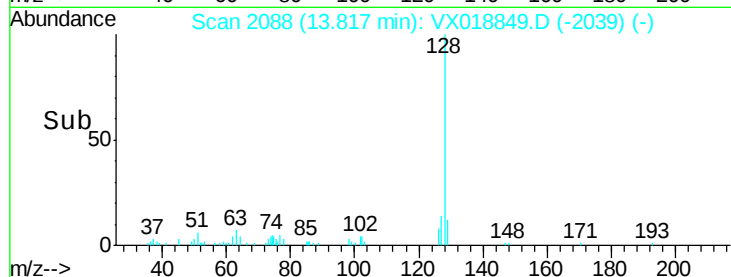
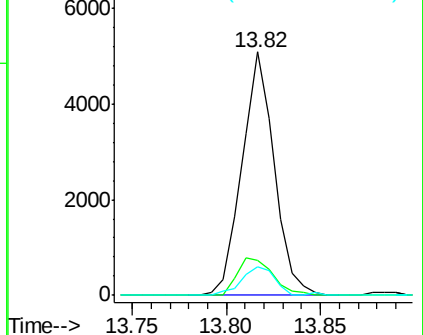
129 11.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.921 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

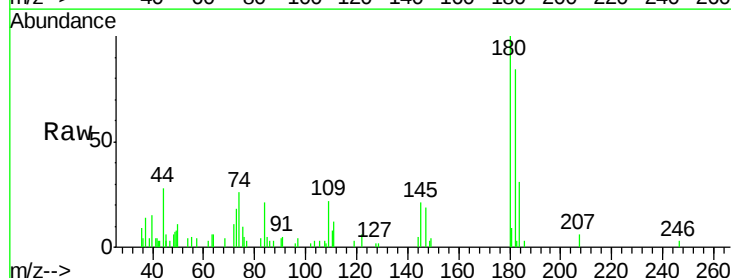
Tgt Ion:180 Resp: 2687

Ion Ratio Lower Upper

180 100

182 97.7 47.7 143.1

145 32.0 16.7 50.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

