

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072320\
 Data File : VX017509.D
 Acq On : 23 Jul 2020 22:49
 Operator : JC/SP
 Sample : VX0723WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD02

Quant Time: Jul 24 06:03:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	649118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1024498	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	980264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	502623	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	391172	46.91	ug/l	0.00
Spiked Amount			Recovery	=	93.82%	
35) Dibromofluoromethane	5.46	113	297714	43.45	ug/l	0.00
Spiked Amount			Recovery	=	86.90%	
50) Toluene-d8	8.70	98	1100611	44.53	ug/l	0.00
Spiked Amount			Recovery	=	89.06%	
62) 4-Bromofluorobenzene	11.12	95	422710	42.73	ug/l	0.00
Spiked Amount			Recovery	=	85.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	107232	17.137	ug/l	97
3) Chloromethane	1.32	50	133921	16.935	ug/l	99
4) Vinyl Chloride	1.39	62	131755	16.130	ug/l	99
5) Bromomethane	1.63	94	90775	18.774	ug/l	94
6) Chloroethane	1.72	64	77845	16.775	ug/l	98
7) Trichlorofluoromethane	1.92	101	207615	16.159	ug/l	98
8) Diethyl Ether	2.17	74	73066	16.632	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	107502	15.247	ug/l	97
10) Methyl Iodide	2.50	142	116675	12.935	ug/l	97
11) Tert butyl alcohol	3.01	59	160077	91.090	ug/l	99
12) 1,1-Dichloroethene	2.36	96	107457	16.027	ug/l	92
13) Acrolein	2.28	56	87010	67.922	ug/l	99
14) Allyl chloride	2.71	41	186490	15.233	ug/l	99
15) Acrylonitrile	3.12	53	341654	90.012	ug/l	99
16) Acetone	2.42	43	301930	82.271	ug/l	98
17) Carbon Disulfide	2.55	76	299056	14.675	ug/l	99
18) Methyl Acetate	2.75	43	132904	15.377	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	392561	16.916	ug/l	97
20) Methylene Chloride	2.84	84	128622	17.781	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	124264	17.301	ug/l	96
22) Diisopropyl ether	3.83	45	403211	18.012	ug/l	97
23) Vinyl Acetate	3.79	43	1809445	90.658	ug/l	99
24) 1,1-Dichloroethane	3.67	63	225531	17.490	ug/l	98
25) 2-Butanone	4.64	43	496382	95.210	ug/l	100
26) 2,2-Dichloropropane	4.55	77	164730	14.271	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	138233	17.719	ug/l	98
28) Bromochloromethane	4.98	49	100281	17.161	ug/l	100
29) Tetrahydrofuran	5.09	42	315190	97.600	ug/l	98
30) Chloroform	5.18	83	236292	17.934	ug/l	97
31) Cyclohexane	5.55	56	184393	17.932	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	222734	17.927	ug/l	98
36) 1,1-Dichloropropene	5.77	75	170176	17.319	ug/l	99
37) Ethyl Acetate	4.80	43	193523	18.000	ug/l	99
38) Carbon Tetrachloride	5.76	117	199545	16.723	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072320\
 Data File : VX017509.D
 Acq On : 23 Jul 2020 22:49
 Operator : JC/SP
 Sample : VX0723WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD02

Quant Time: Jul 24 06:03:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	183705	16.015	ug/l	99
40) Benzene	6.12	78	493032	17.502	ug/l	98
41) Methacrylonitrile	5.01	41	103283	16.760	ug/l	96
42) 1,2-Dichloroethane	6.17	62	201420	17.477	ug/l	98
43) Isopropyl Acetate	6.42	43	307644	17.343	ug/l	99
44) Trichloroethene	7.19	130	145387	17.660	ug/l	98
45) 1,2-Dichloropropane	7.49	63	132153	16.923	ug/l	100
46) Dibromomethane	7.63	93	92464	16.754	ug/l	99
47) Bromodichloromethane	7.88	83	191102	17.209	ug/l	98
48) Methyl methacrylate	7.75	41	154384	17.558	ug/l	99
49) 1,4-Dioxane	7.71	88	68211	404.622	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	982627	92.842	ug/l	99
52) Toluene	8.77	92	316464	17.517	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	208529	16.775	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	215932	17.030	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	134901	17.925	ug/l	99
56) Ethyl methacrylate	9.16	69	196349	17.317	ug/l	100
57) 1,3-Dichloropropane	9.35	76	225682	18.211	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	476232	79.723	ug/l	99
59) 2-Hexanone	9.48	43	754375	94.670	ug/l	98
60) Dibromochloromethane	9.57	129	162860	17.026	ug/l	99
61) 1,2-Dibromoethane	9.65	107	145853	18.203	ug/l	98
64) Tetrachloroethene	9.32	164	146283	16.627	ug/l	96
65) Chlorobenzene	10.12	112	357426	16.845	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	145266	16.964	ug/l	99
67) Ethyl Benzene	10.24	91	611036	17.252	ug/l	99
68) m/p-Xylenes	10.34	106	473602	34.516	ug/l	100
69) o-Xylene	10.68	106	223590	16.943	ug/l	99
70) Styrene	10.70	104	389675	17.355	ug/l	99
71) Bromoform	10.84	173	118334	15.950	ug/l #	99
73) Isopropylbenzene	11.00	105	610773	17.713	ug/l	100
74) N-amyl acetate	10.88	43	275688	17.995	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	184443	17.137	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	232820	22.518	ug/l	82
77) Bromobenzene	11.24	156	167497	17.352	ug/l	98
78) n-propylbenzene	11.34	91	694583	17.861	ug/l	99
79) 2-Chlorotoluene	11.40	91	421420	17.493	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	520000	17.663	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	64051	15.610	ug/l	96
82) 4-Chlorotoluene	11.49	91	493257	17.358	ug/l	100
83) tert-Butylbenzene	11.76	119	493175	17.507	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	524335	17.907	ug/l	100
85) sec-Butylbenzene	11.93	105	582515	17.751	ug/l	98
86) p-Isopropyltoluene	12.05	119	546352	17.483	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	285232	17.207	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	286191	16.668	ug/l	98
89) n-Butylbenzene	12.37	91	456781	16.404	ug/l	98
90) Hexachloroethane	12.58	117	98485	15.985	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	274694	16.861	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47391	17.344	ug/l	97

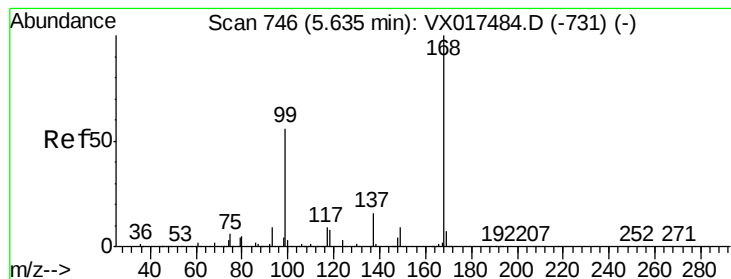
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072320\
Data File : VX017509.D
Acq On : 23 Jul 2020 22:49
Operator : JC/SP
Sample : VX0723WBSD02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD02

Quant Time: Jul 24 06:03:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	177812	15.992	ug/l	99
94) Hexachlorobutadiene	13.77	225	73779	14.415	ug/l	94
95) Naphthalene	13.82	128	545202	16.425	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	176635	16.089	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

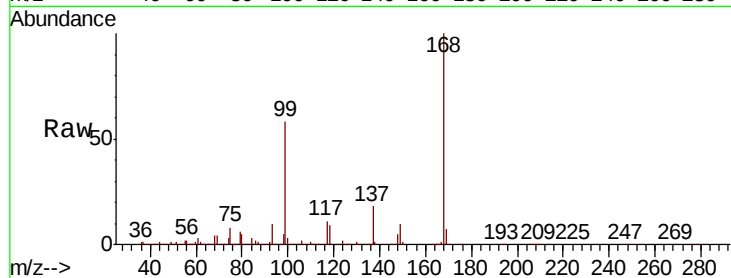
VX0723WBSD02

Tot Ion:168 Resp: 649118

Ion Ratio Lower Upper

168 100

99 57.8 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

250000

200000

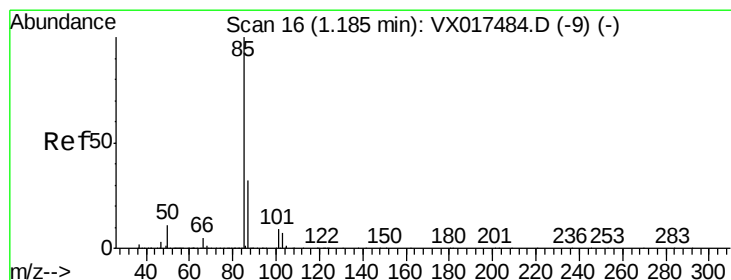
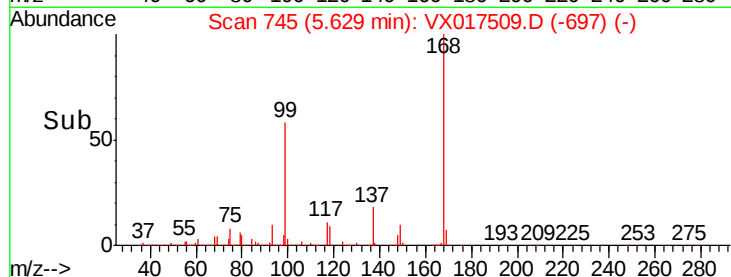
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.137 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017509.D

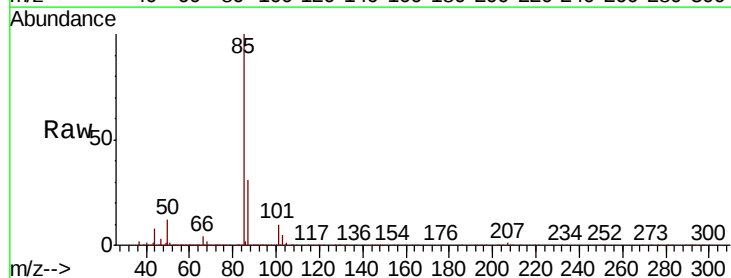
Acq: 23 Jul 2020 22:49

Tgt Ion: 85 Resp: 107232

Ion Ratio Lower Upper

85 100

87 30.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

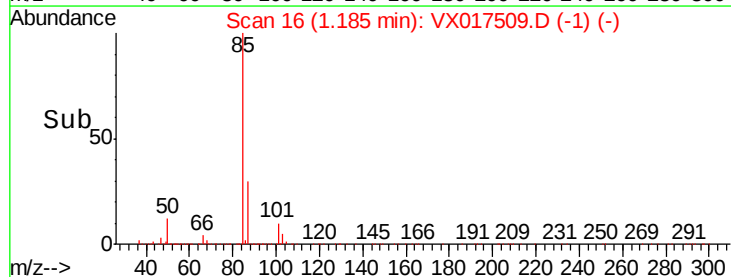
1.18

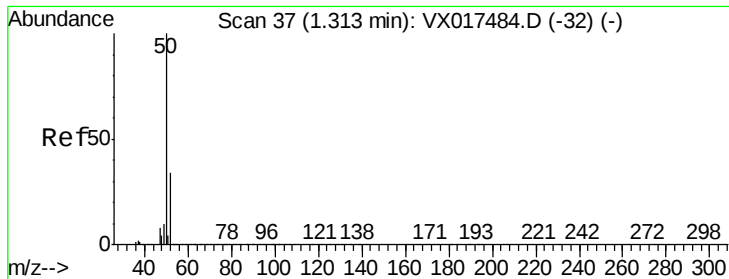
100000

50000

0

Time-->





#3

Chloromethane

Concen: 16.935 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

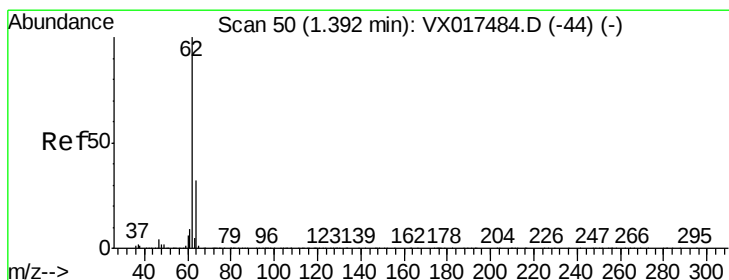
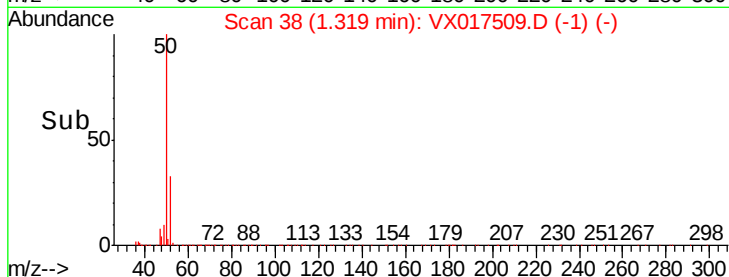
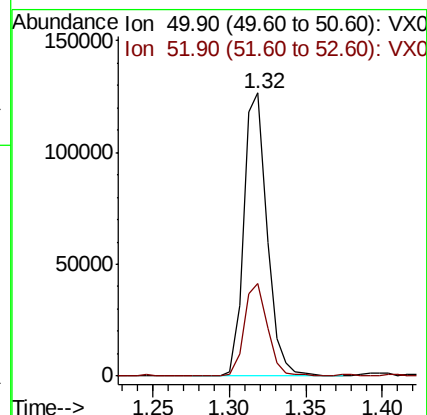
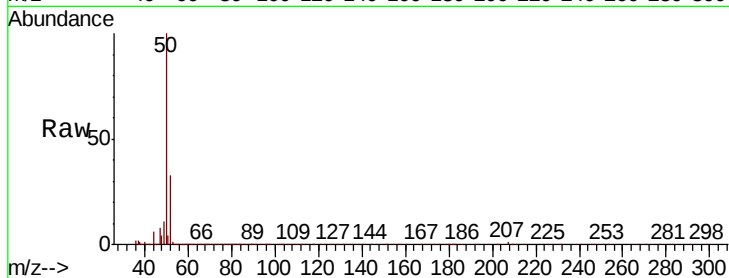
VX0723WBSD02

Tot Ion: 50 Resp: 133921

Ion Ratio Lower Upper

50 100

52 32.8 25.9 38.9



#4

Vinyl Chloride

Concen: 16.130 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017509.D

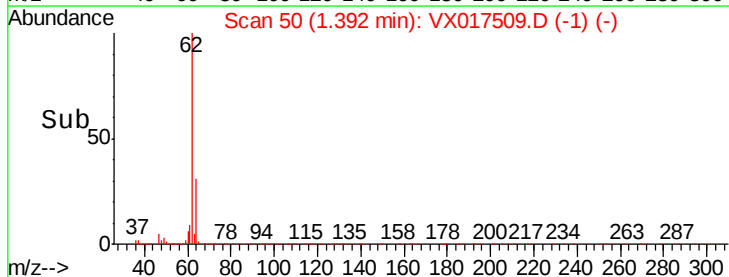
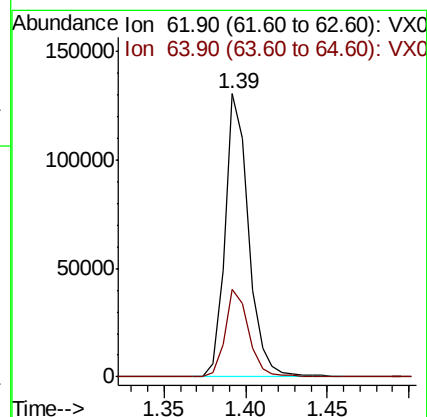
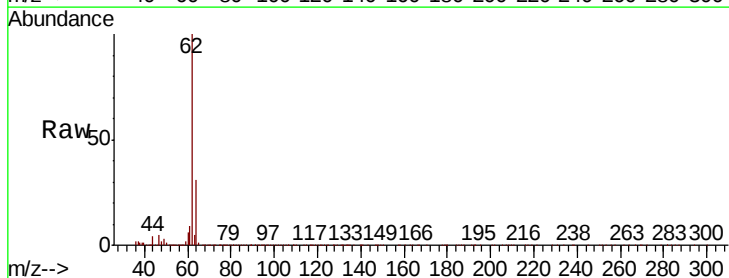
Acq: 23 Jul 2020 22:49

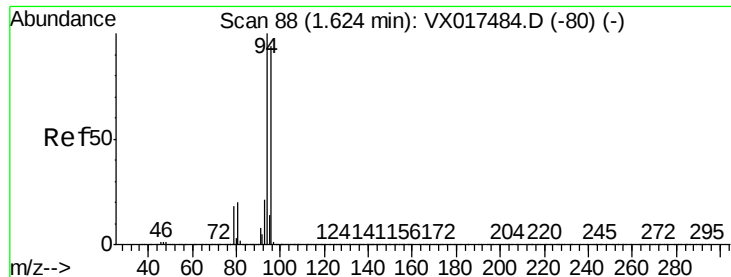
Tgt Ion: 62 Resp: 131755

Ion Ratio Lower Upper

62 100

64 30.9 25.2 37.8





#5

Bromomethane

Concen: 18.774 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

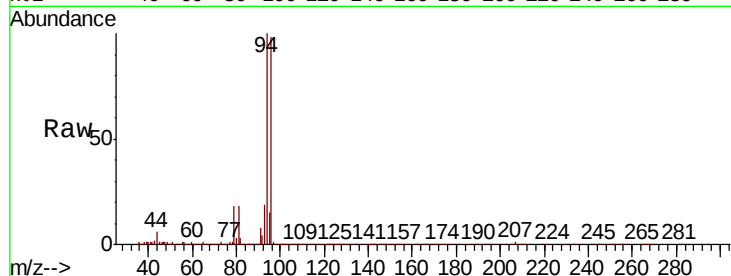
VX0723WBSD02

Tot Ion: 94 Resp: 90775

Ion Ratio Lower Upper

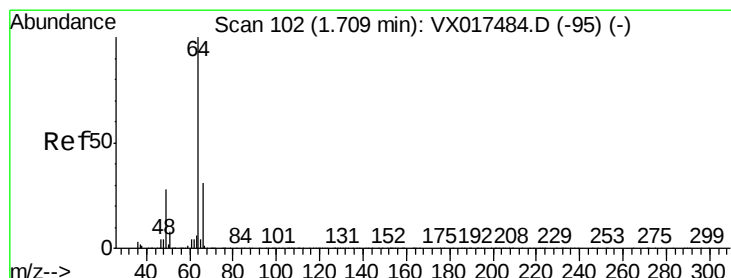
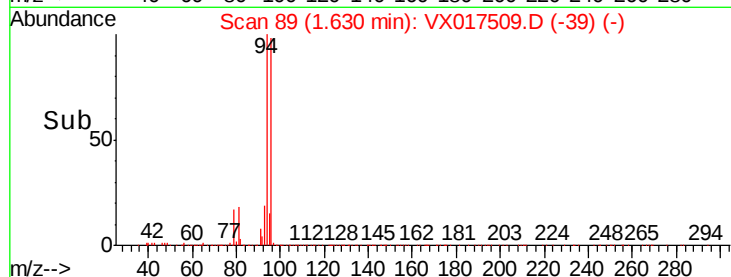
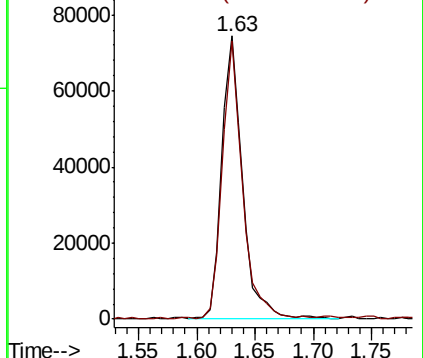
94 100

96 97.9 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 16.775 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017509.D

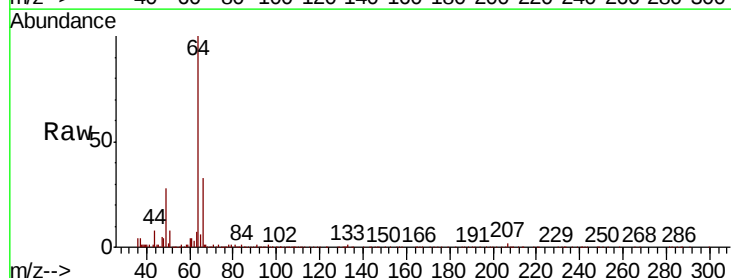
Acq: 23 Jul 2020 22:49

Tgt Ion: 64 Resp: 77845

Ion Ratio Lower Upper

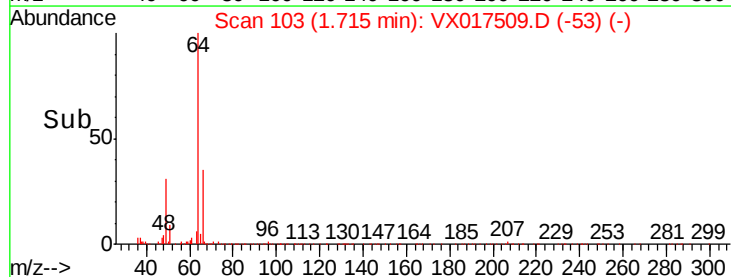
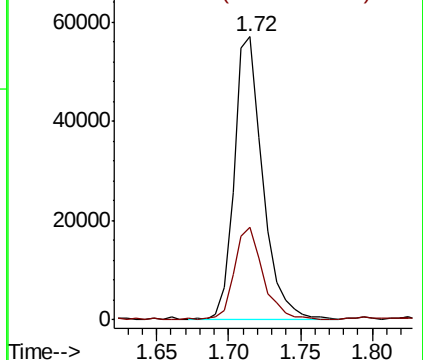
64 100

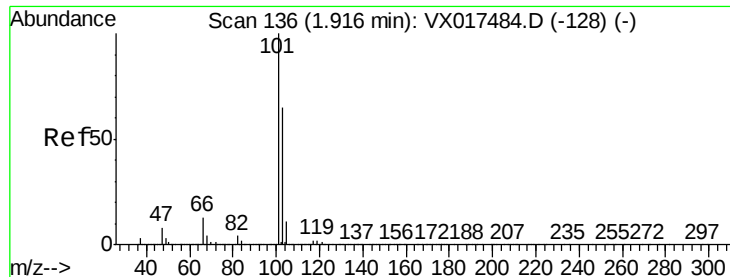
66 32.4 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



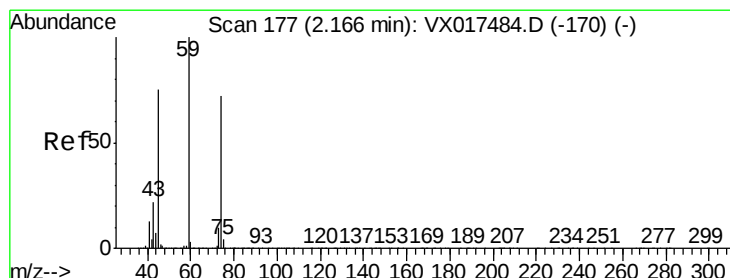
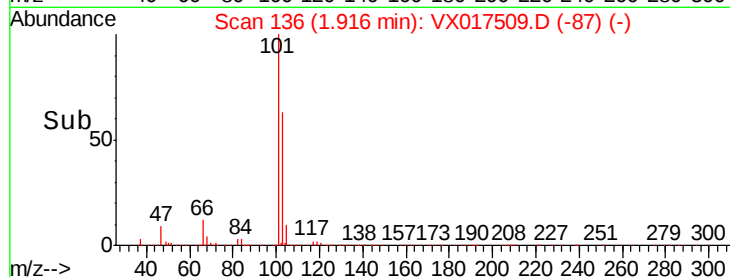
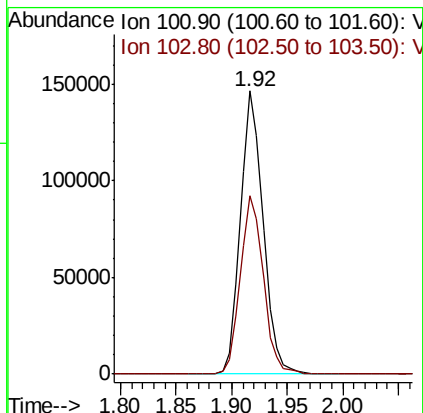
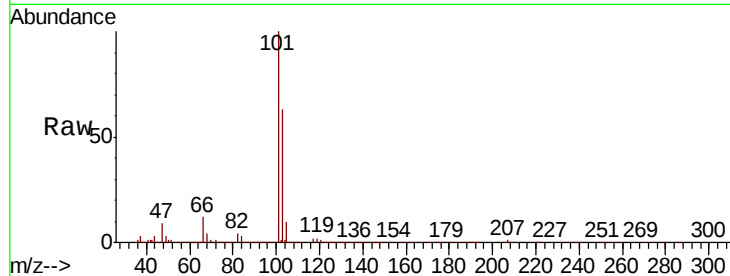


#7

Trichlorofluoromethane
Concen: 16.159 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD02

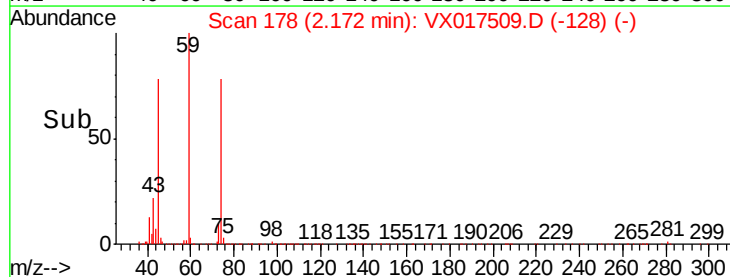
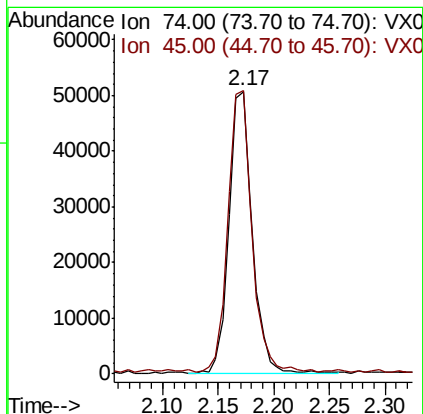
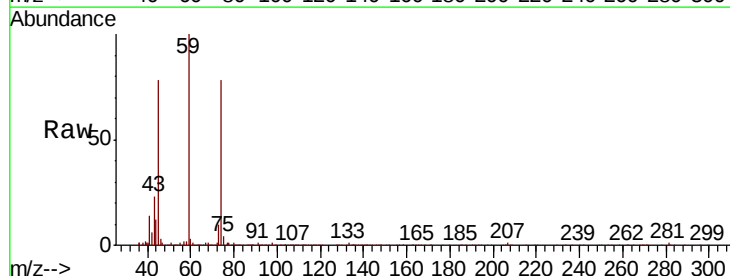
Tot Ion:101 Resp: 207615
Ion Ratio Lower Upper
101 100
103 62.9 51.8 77.8

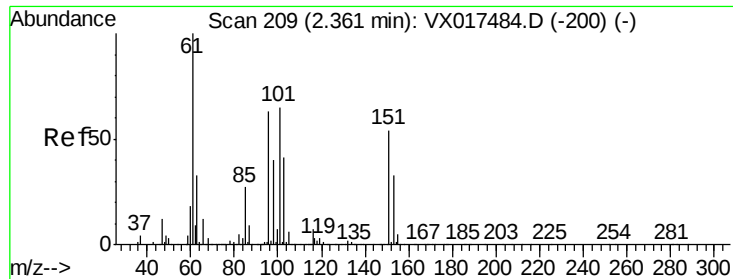


#8

Diethyl Ether
Concen: 16.632 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Tgt Ion: 74 Resp: 73066
Ion Ratio Lower Upper
74 100
45 103.1 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.247 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD02

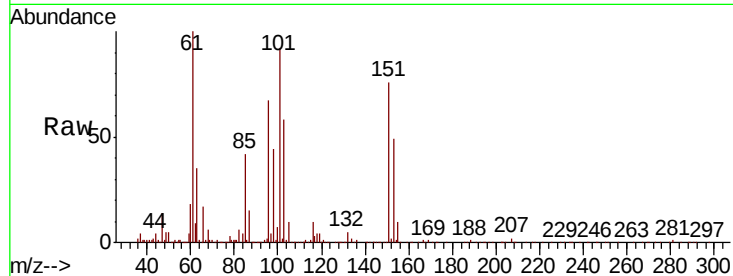
Tot Ion:101 Resp: 107502

Ion Ratio Lower Upper

101 100

85 44.1 34.8 52.2

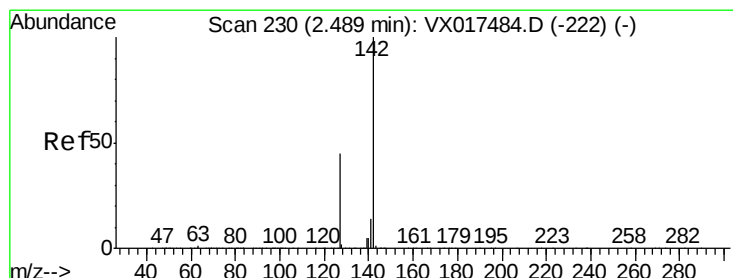
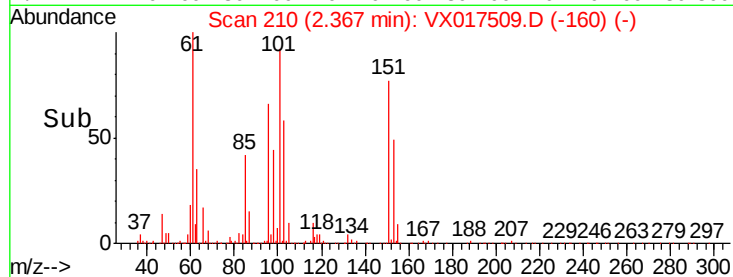
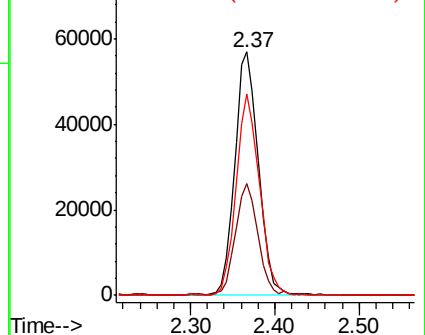
151 81.7 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 12.935 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

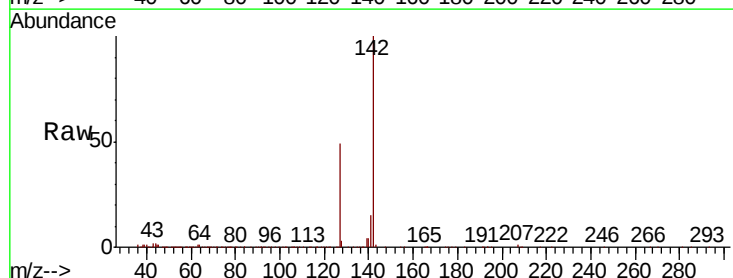
Tgt Ion:142 Resp: 116675

Ion Ratio Lower Upper

142 100

127 47.6 35.9 53.9

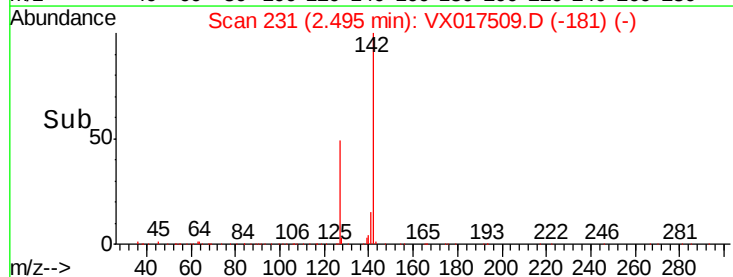
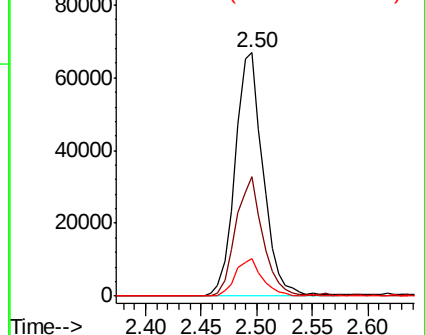
141 14.5 11.4 17.0

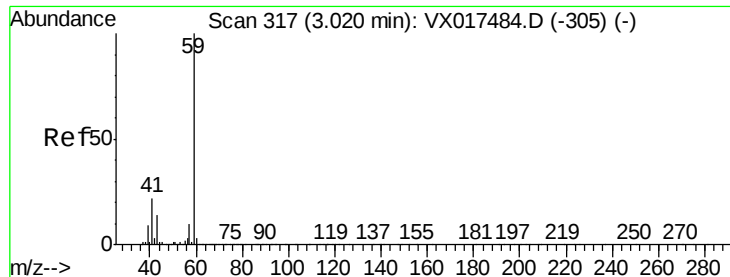


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



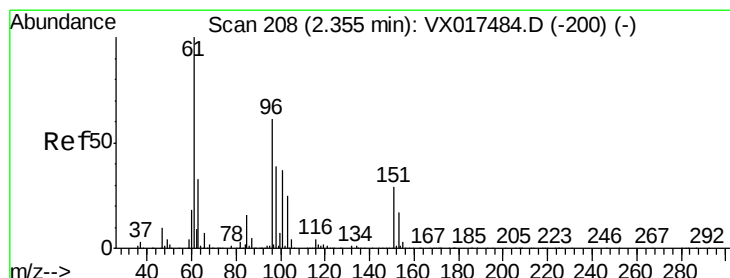
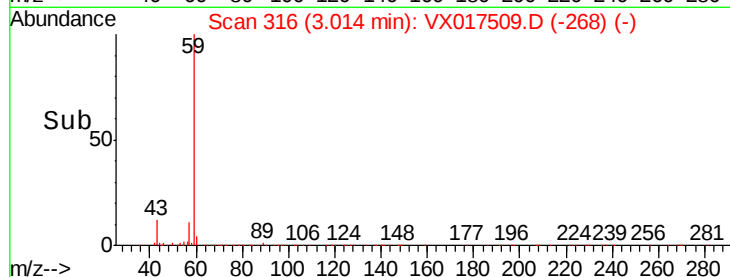
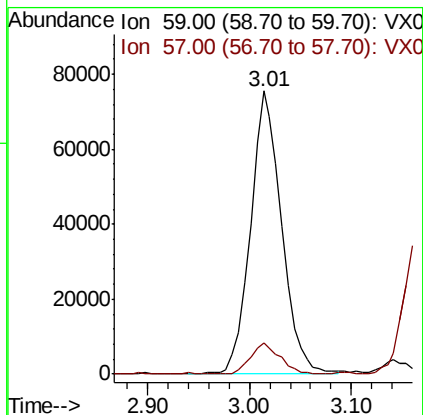
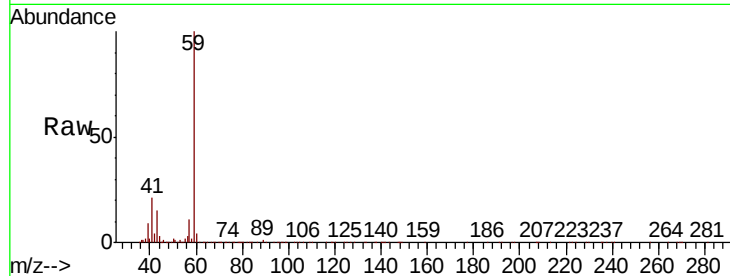


#11

Tert butyl alcohol
Concen: 91.090 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD02

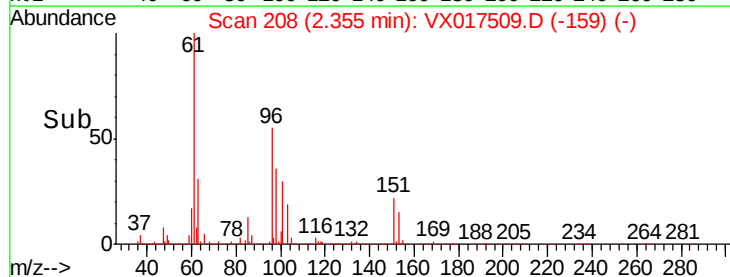
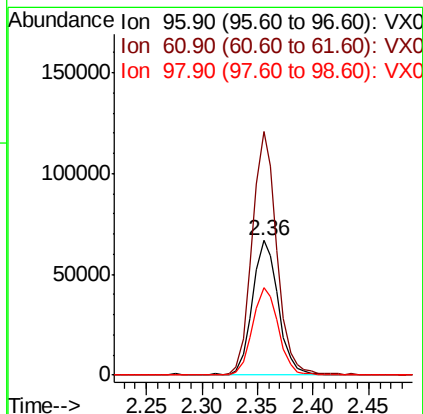
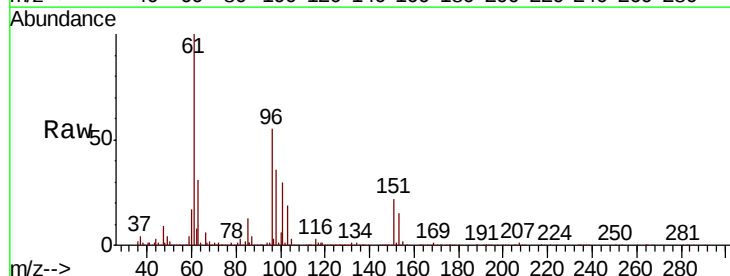
Tot Ion: 59 Resp: 160077
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8

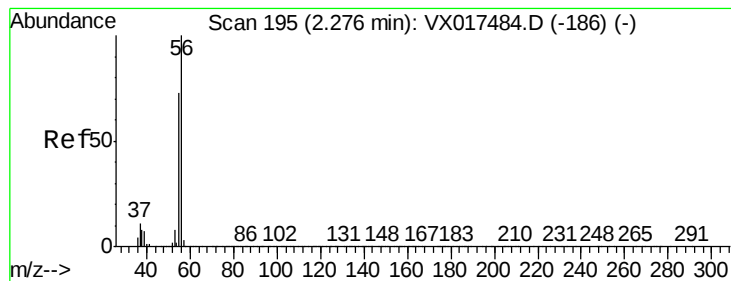


#12

1,1-Dichloroethene
Concen: 16.027 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Tgt Ion: 96 Resp: 107457
Ion Ratio Lower Upper
96 100
61 181.6 134.0 201.0
98 65.6 51.0 76.4





#13

Acrolein

Concen: 67.922 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

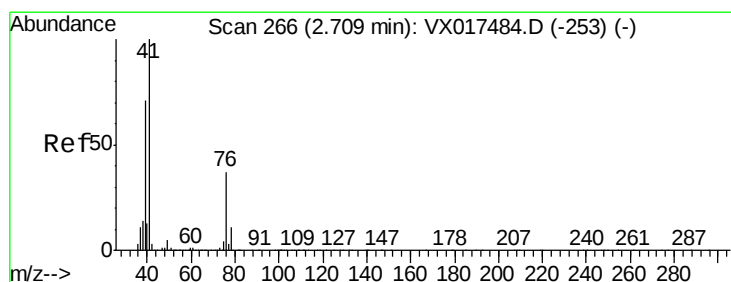
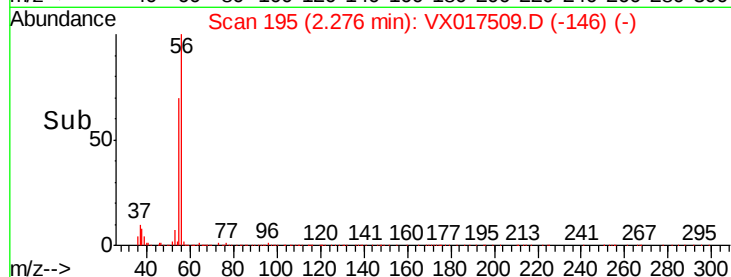
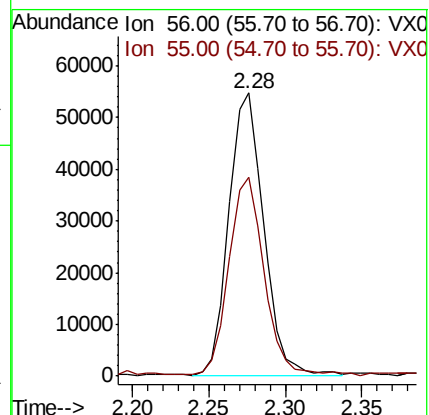
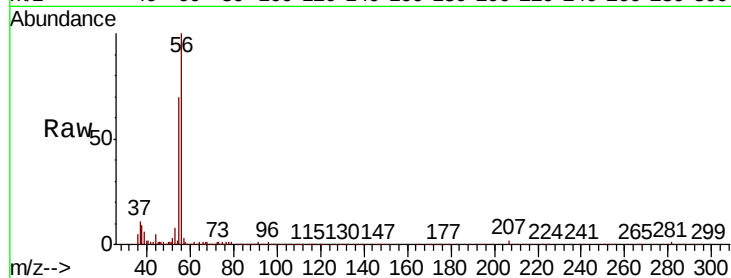
VX0723WBSD02

Tot Ion: 56 Resp: 87010

Ion Ratio Lower Upper

56 100

55 70.6 57.4 86.2



#14

Allyl chloride

Concen: 15.233 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

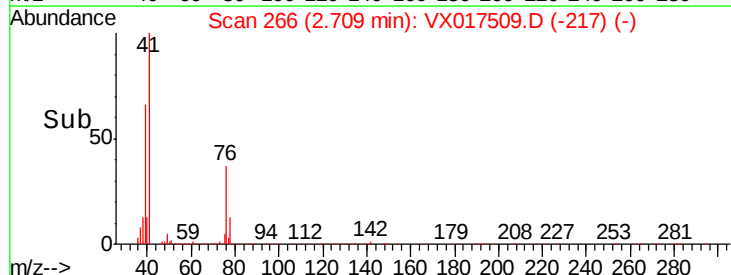
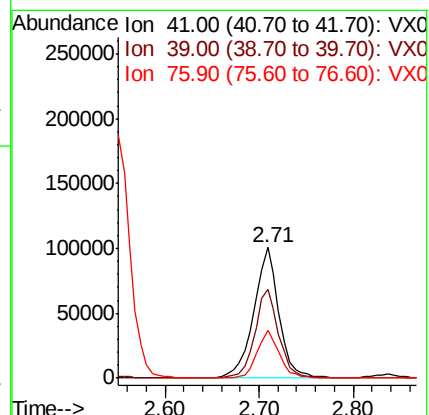
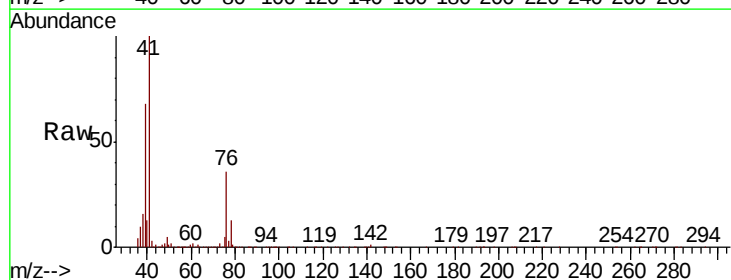
Tgt Ion: 41 Resp: 186490

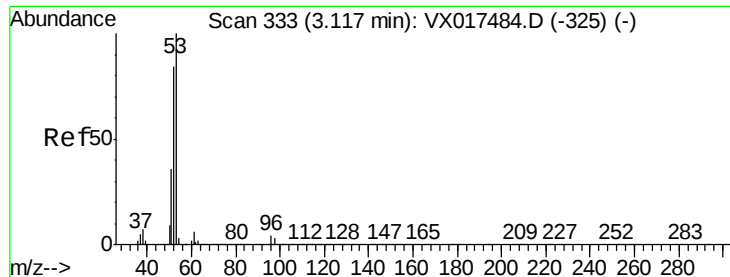
Ion Ratio Lower Upper

41 100

39 64.3 51.9 77.9

76 32.1 25.5 38.3





#15

Acrylonitrile

Concen: 90.012 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD02

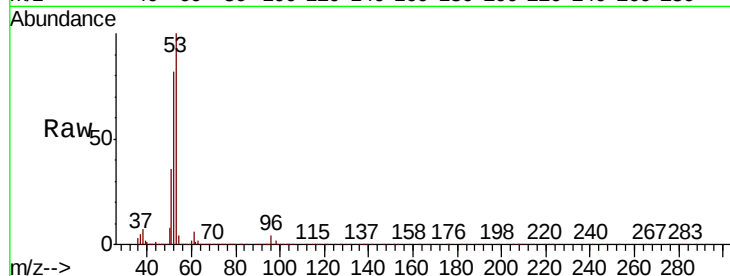
Tot Ion: 53 Resp: 341654

Ion Ratio Lower Upper

53 100

52 82.8 66.6 99.8

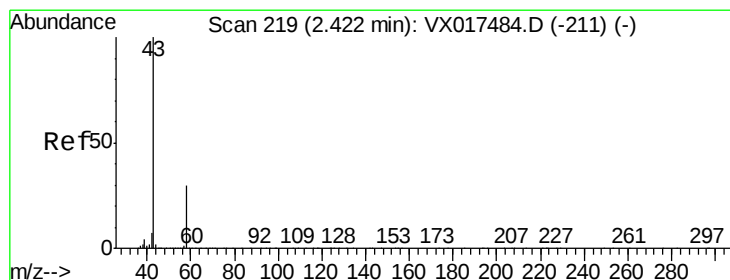
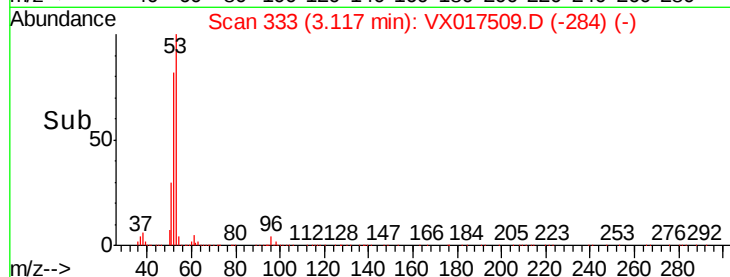
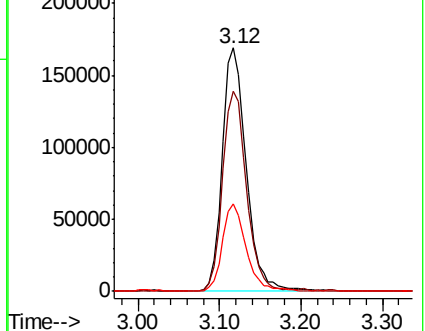
51 36.4 29.4 44.2



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: 82.271 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017509.D

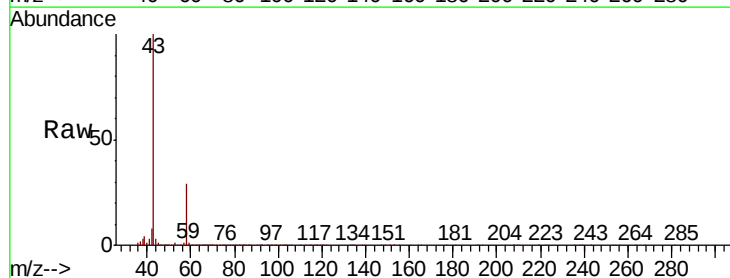
Acq: 23 Jul 2020 22:49

Tgt Ion: 43 Resp: 301930

Ion Ratio Lower Upper

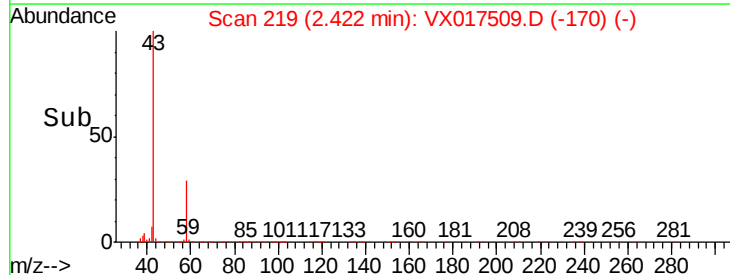
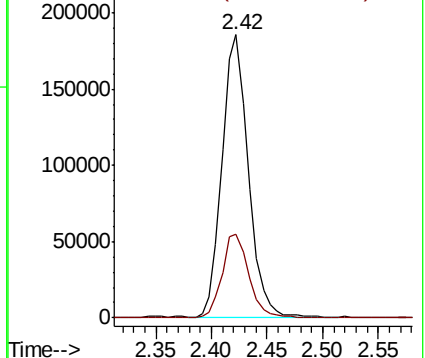
43 100

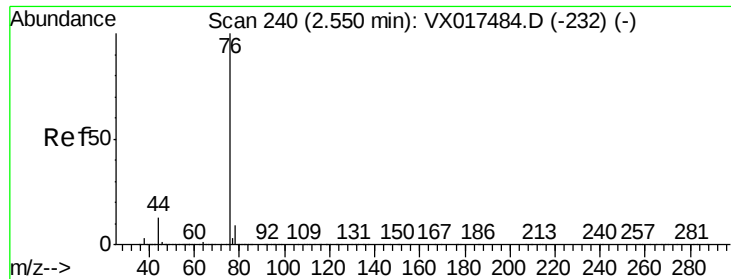
58 29.3 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 14.675 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

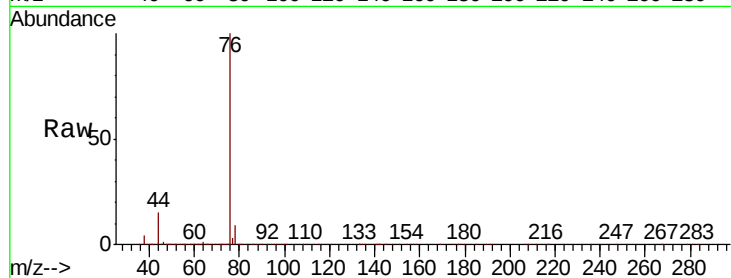
VX0723WBSD02

Tot Ion: 76 Resp: 299056

Ion Ratio Lower Upper

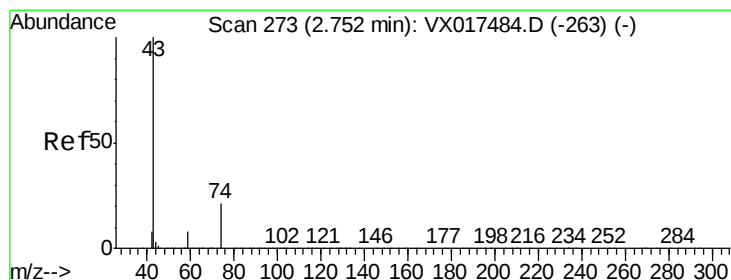
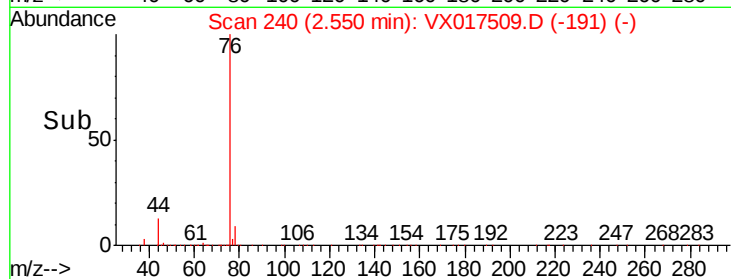
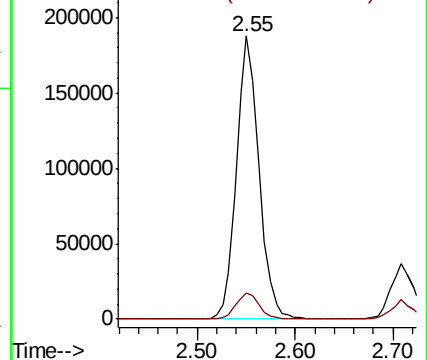
76 100

78 9.1 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 15.377 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017509.D

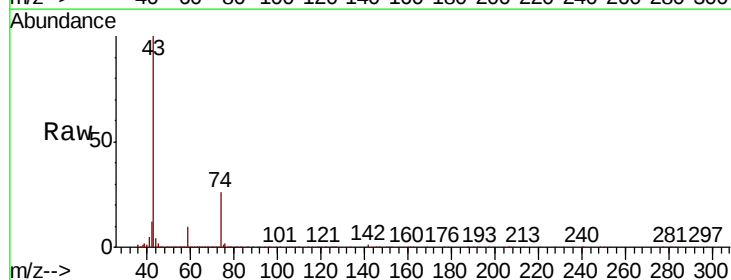
Acq: 23 Jul 2020 22:49

Tgt Ion: 43 Resp: 132904

Ion Ratio Lower Upper

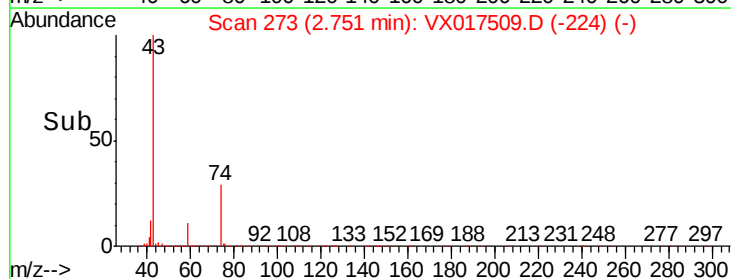
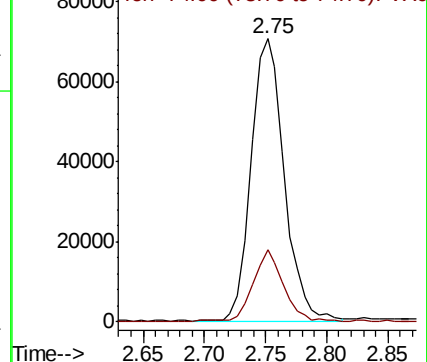
43 100

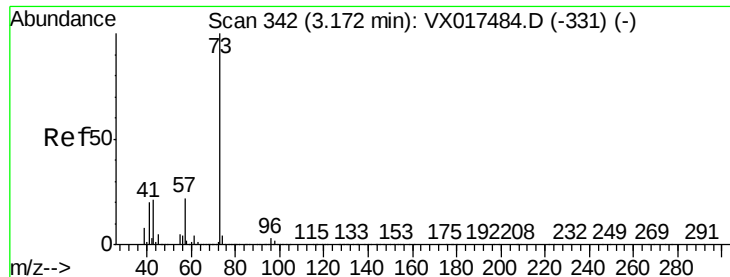
74 22.8 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



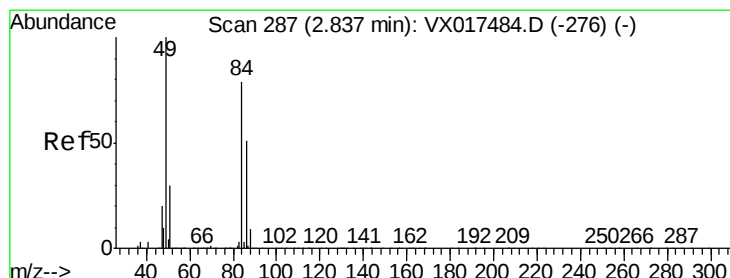
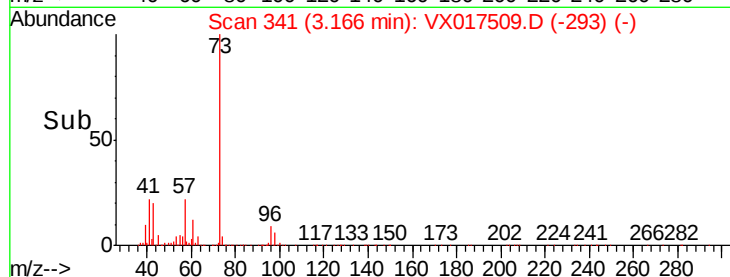
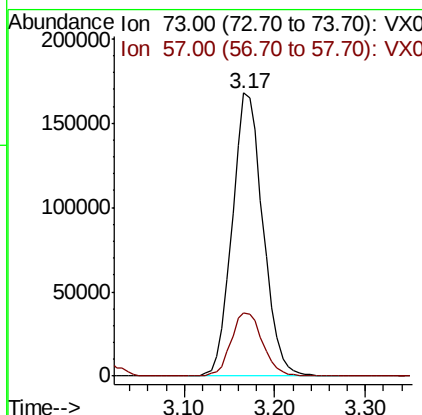
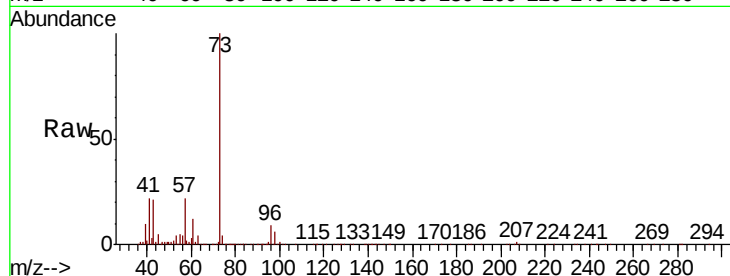


#19

Methyl tert-butyl Ether
 Concen: 16.916 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX017509.D
 Acq: 23 Jul 2020 22:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD02

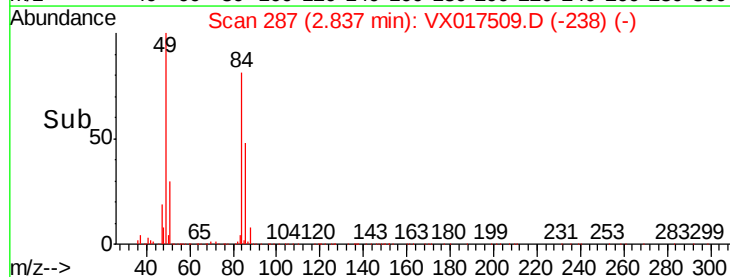
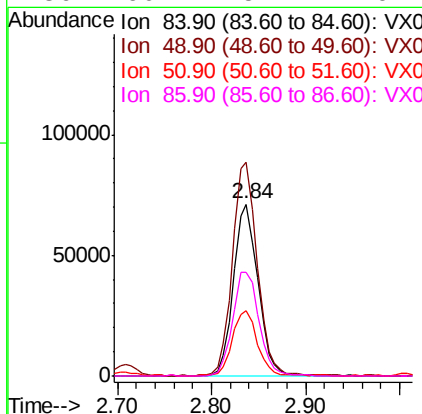
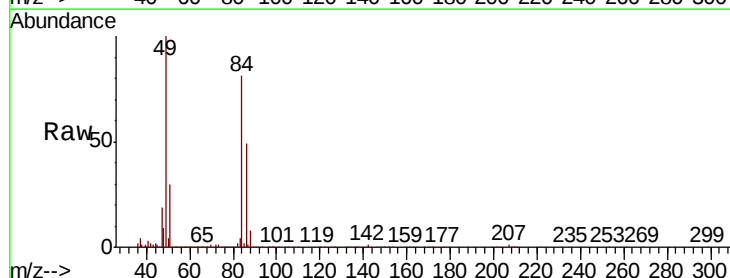
Tot Ion: 73 Resp: 392561
 Ion Ratio Lower Upper
 73 100
 57 22.4 17.0 25.4

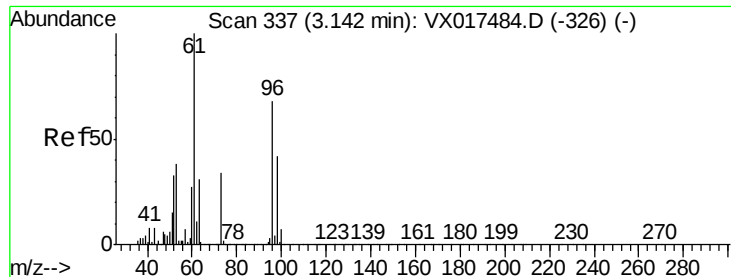


#20

Methylene Chloride
 Concen: 17.781 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017509.D
 Acq: 23 Jul 2020 22:49

Tgt Ion: 84 Resp: 128622
 Ion Ratio Lower Upper
 84 100
 49 124.0 100.3 150.5
 51 37.4 30.5 45.7
 86 60.2 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 17.301 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD02

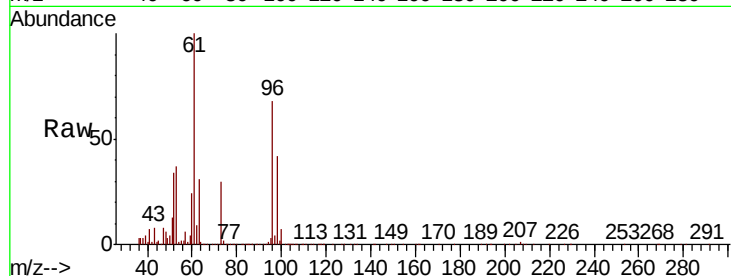
Tot Ion: 96 Resp: 124264

Ion Ratio Lower Upper

96 100

61 146.5 113.0 169.4

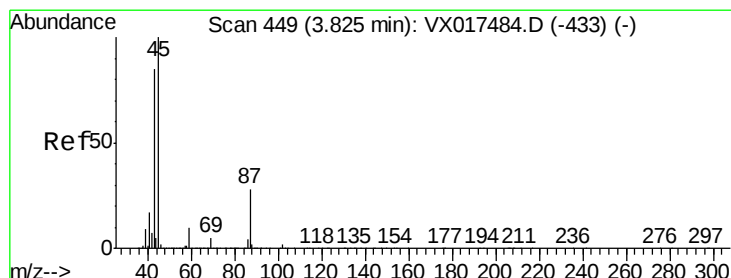
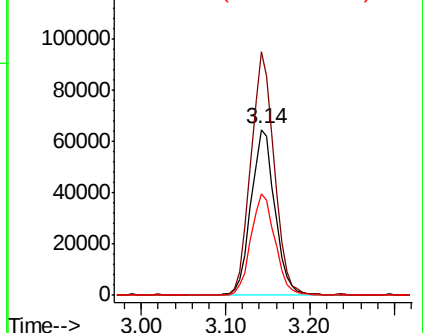
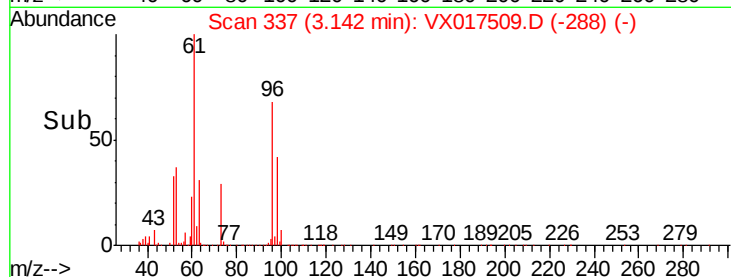
98 61.1 51.8 77.8



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: 18.012 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Tgt Ion: 45 Resp: 403211

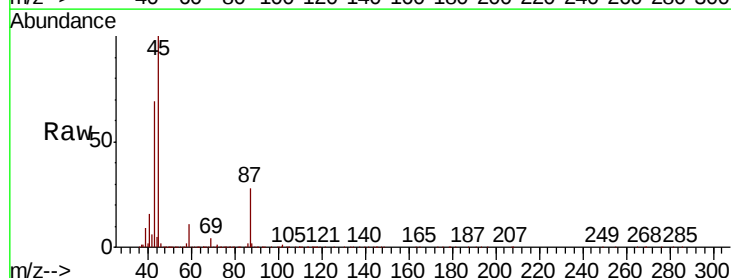
Ion Ratio Lower Upper

45 100

43 68.0 52.0 78.0

87 28.3 22.2 33.4

59 11.1 8.9 13.3

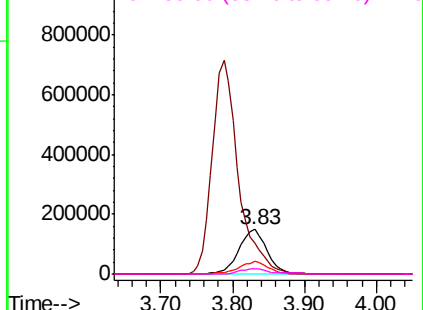
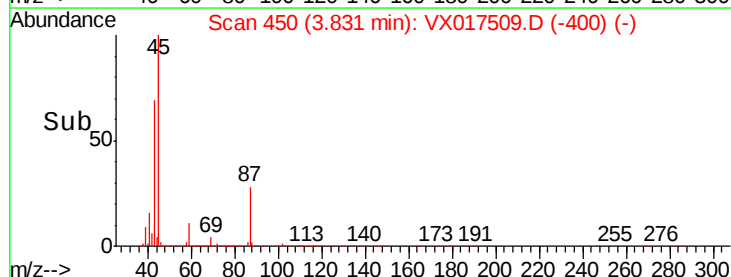


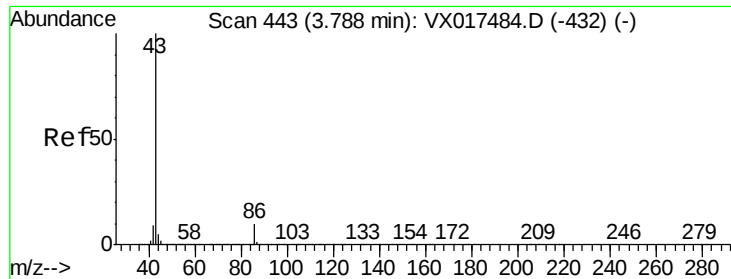
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 90.658 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

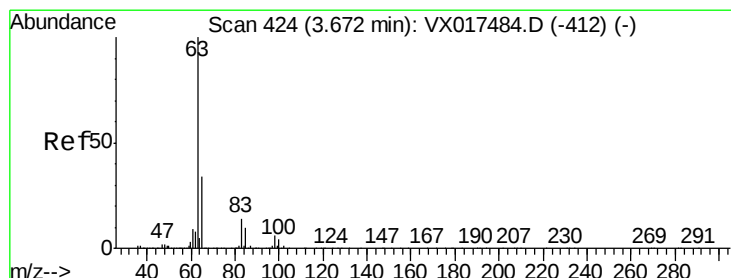
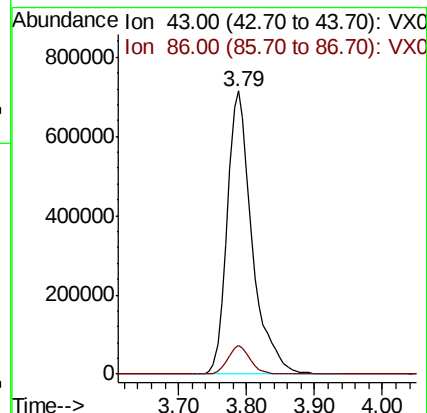
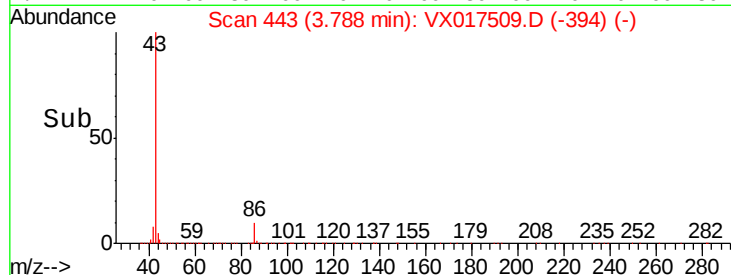
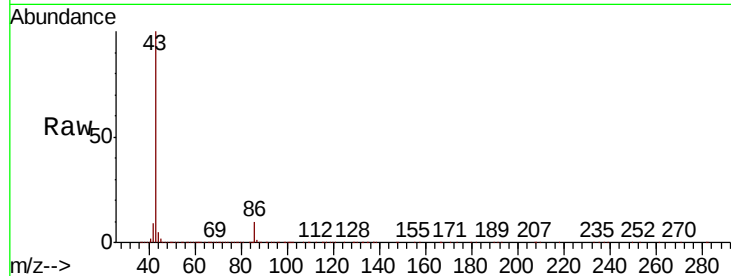
VX0723WBSD02

Tot Ion: 43 Resp: 1809445

Ion Ratio Lower Upper

43 100

86 10.1 8.2 12.4



#24

1,1-Dichloroethane

Concen: 17.490 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

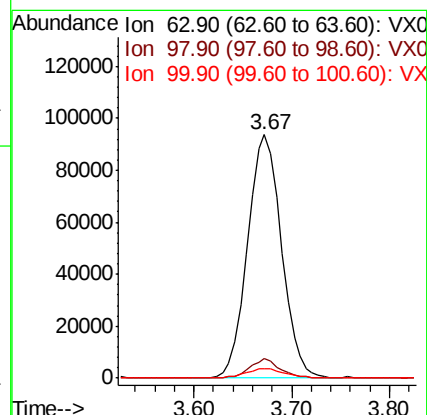
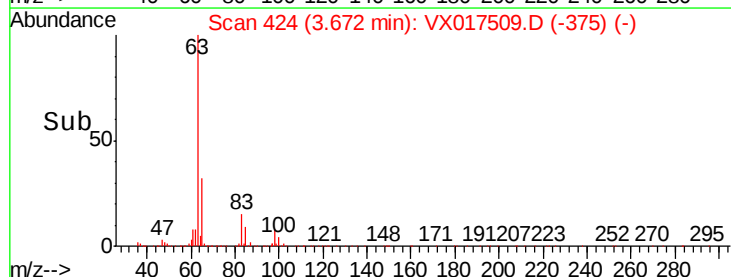
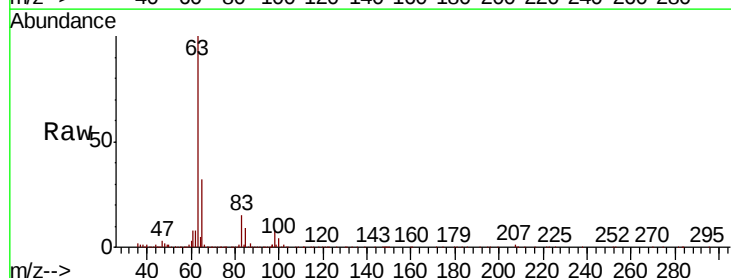
Tgt Ion: 63 Resp: 225531

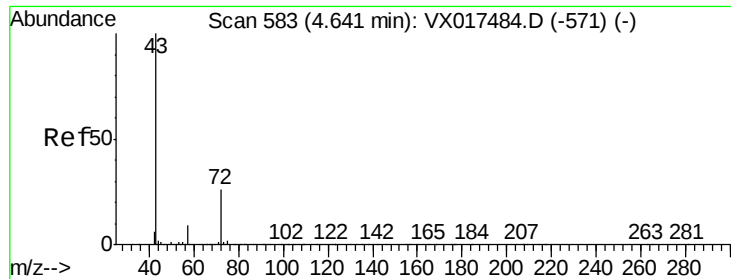
Ion Ratio Lower Upper

63 100

98 7.8 3.4 10.1

100 3.8 1.9 5.7

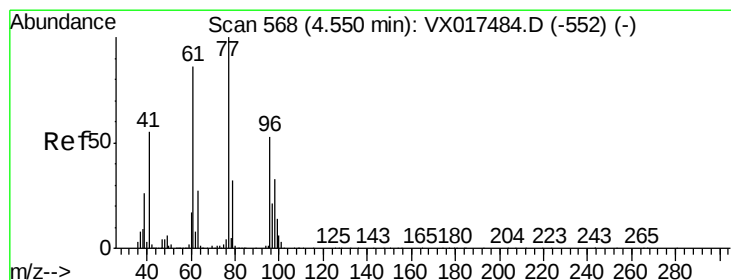
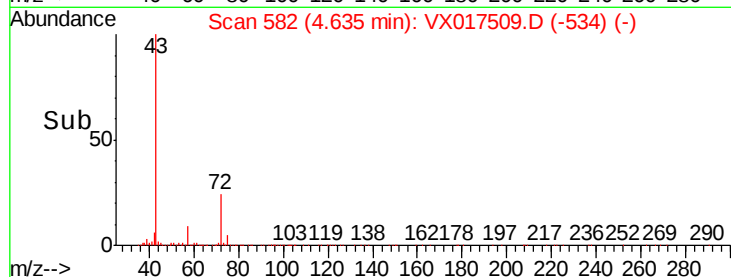
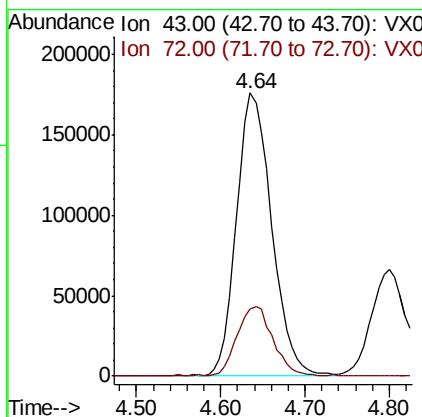
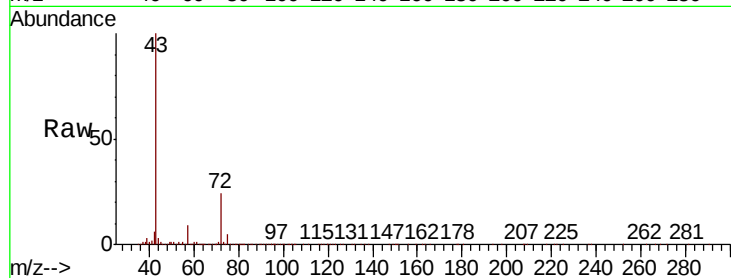




#25
2-Butanone
Concen: 95.210 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

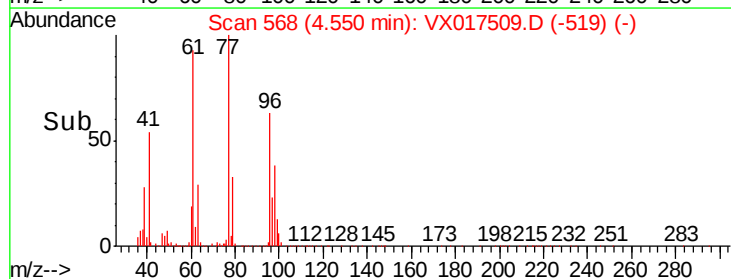
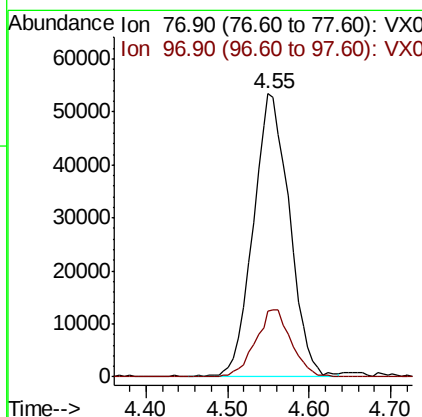
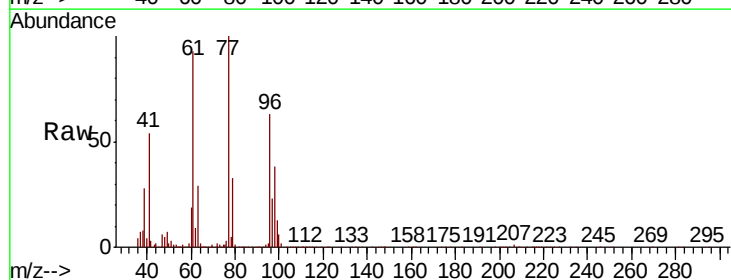
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD02

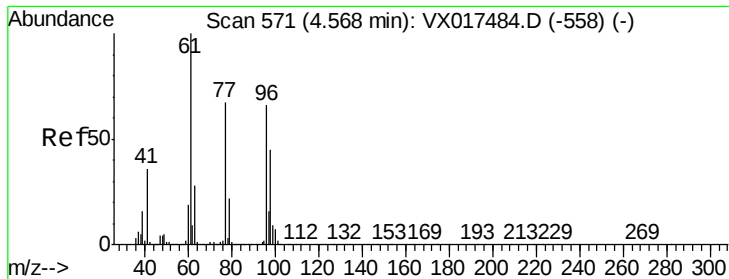
Tot Ion: 43 Resp: 496382
Ion Ratio Lower Upper
43 100
72 23.6 19.0 28.4



#26
2,2-Dichloropropane
Concen: 14.271 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Tgt Ion: 77 Resp: 164730
Ion Ratio Lower Upper
77 100
97 23.6 10.9 32.9



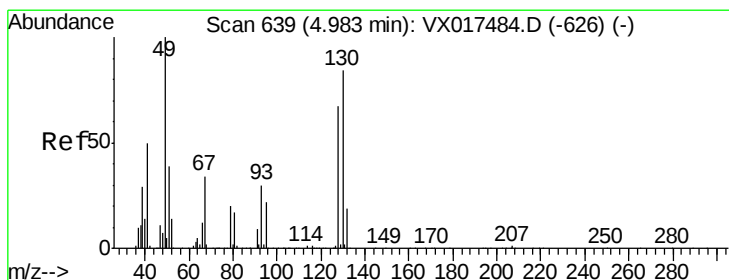
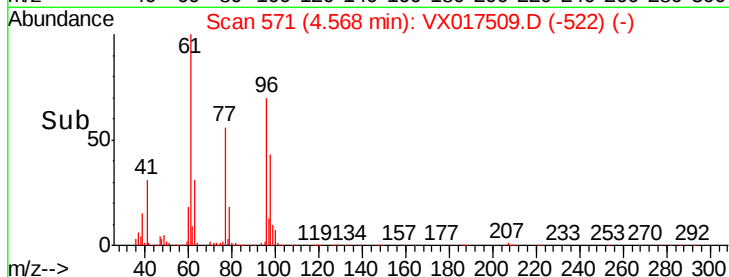
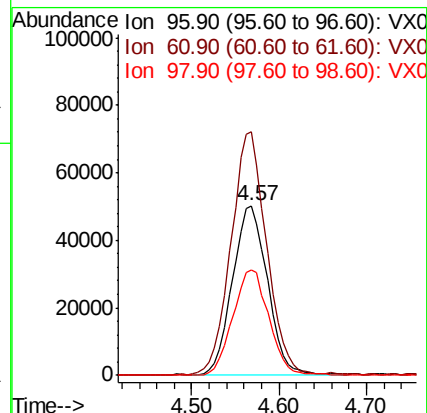
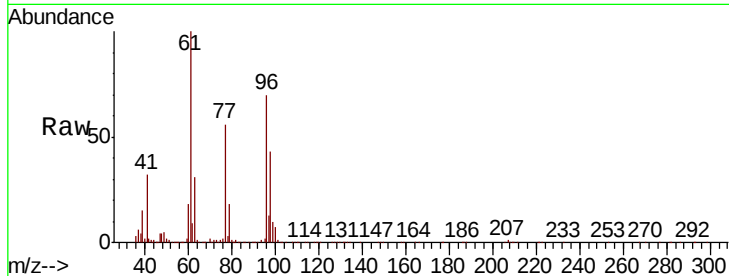


#27

cis-1,2-Dichloroethene
Concen: 17.719 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD02

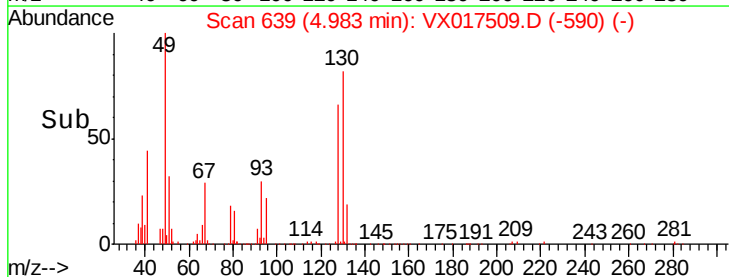
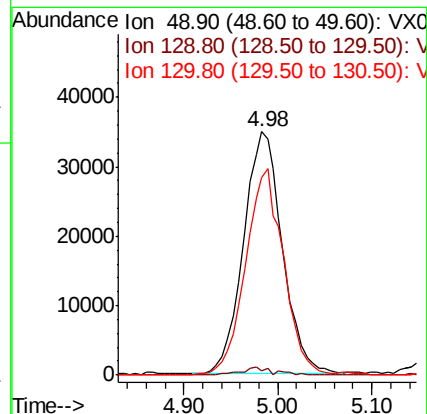
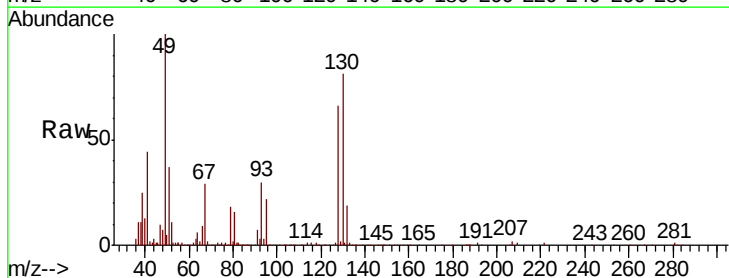
Tot Ion	Ratio	Lower	Upper
96	100		
61	147.5	0.0	301.2
98	64.7	0.0	130.0

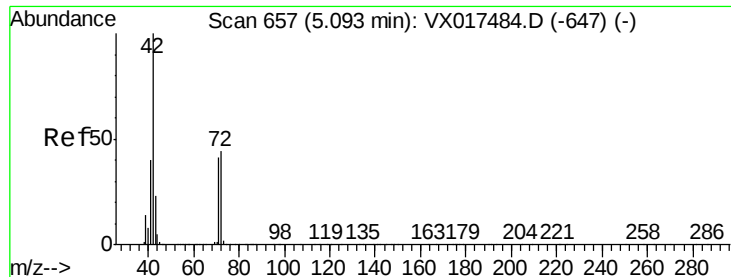


#28

Bromochloromethane
Concen: 17.161 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	83.5	66.7	100.1





#29

Tetrahydrofuran

Concen: 97.600 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD02

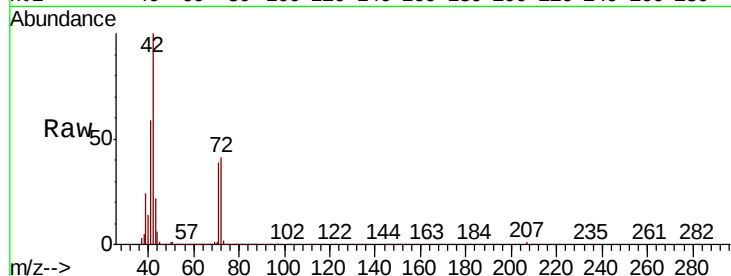
Tot Ion: 42 Resp: 315190

Ion Ratio Lower Upper

42 100

72 41.7 35.5 53.3

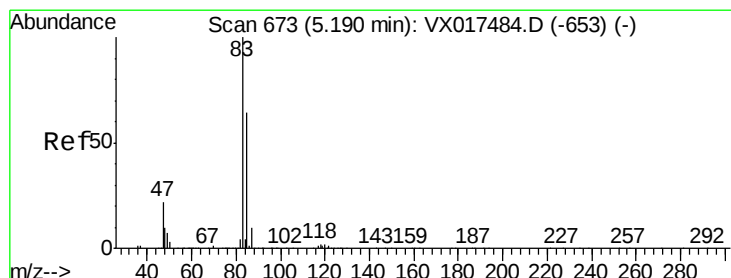
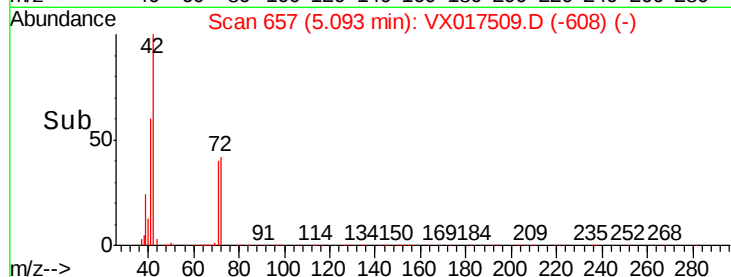
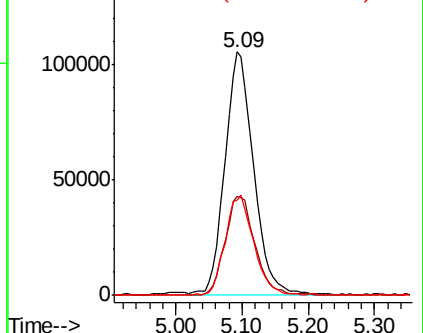
71 41.3 33.0 49.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 17.934 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX017509.D

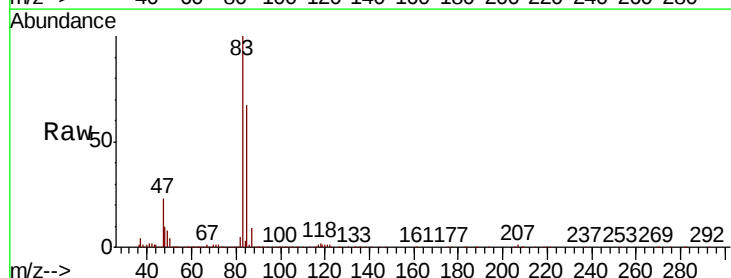
Acq: 23 Jul 2020 22:49

Tgt Ion: 83 Resp: 236292

Ion Ratio Lower Upper

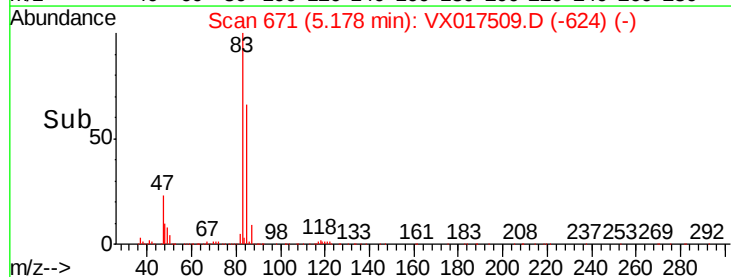
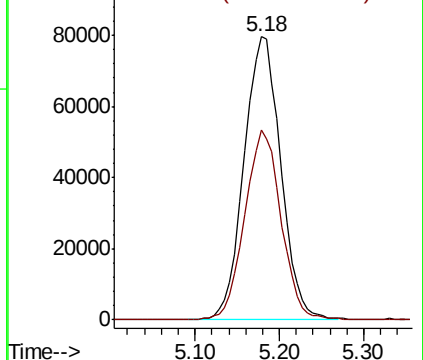
83 100

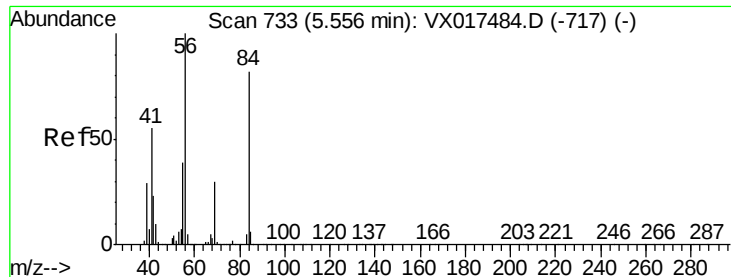
85 66.9 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

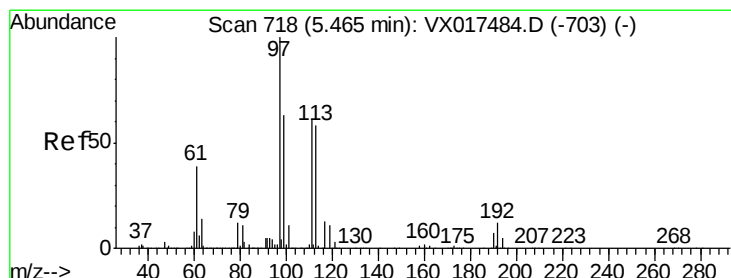
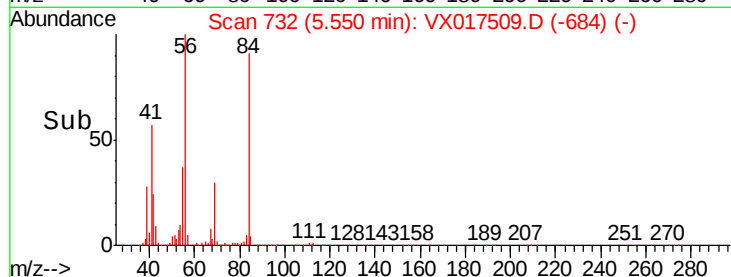
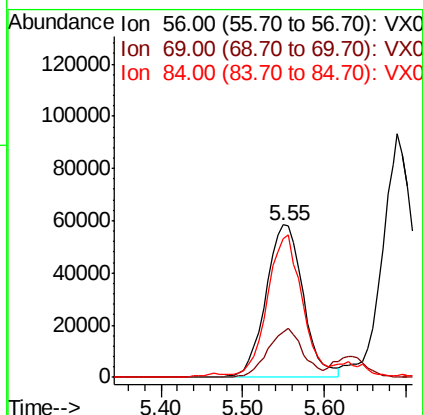
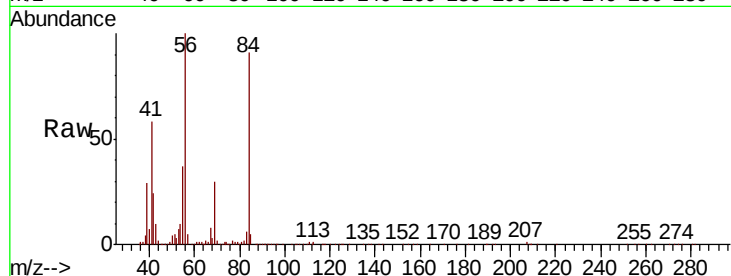




#31
Cyclohexane
Concen: 17.932 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

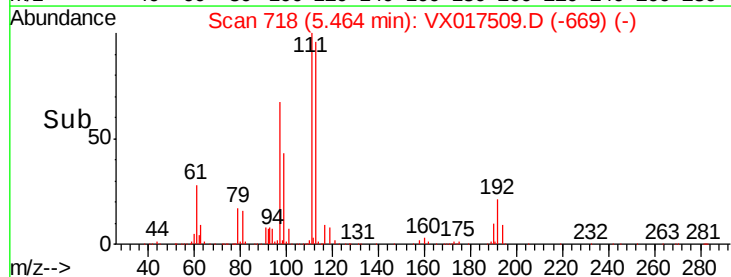
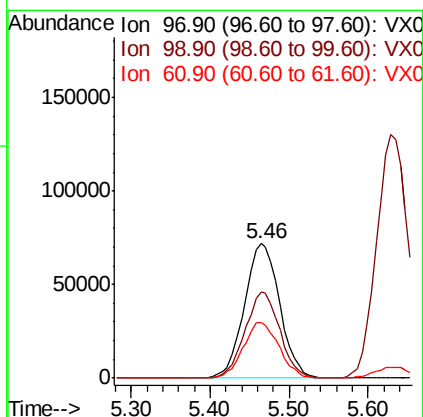
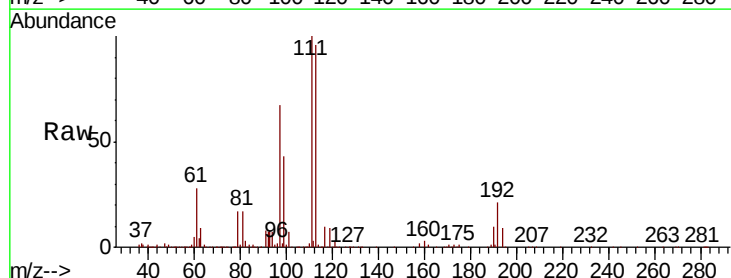
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD02

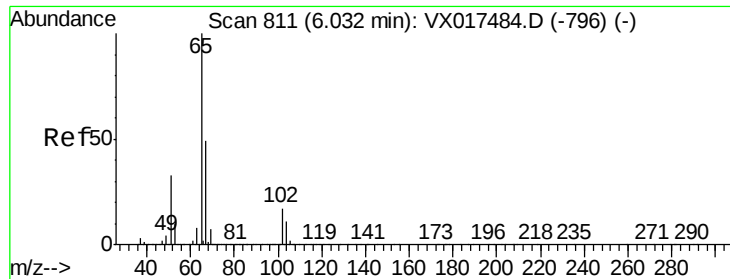
Tot Ion: 56 Resp: 184393
Ion Ratio Lower Upper
56 100
69 29.6 24.2 36.4
84 90.8 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 17.927 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Tgt Ion: 97 Resp: 222734
Ion Ratio Lower Upper
97 100
99 63.2 51.9 77.9
61 42.1 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 46.913 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

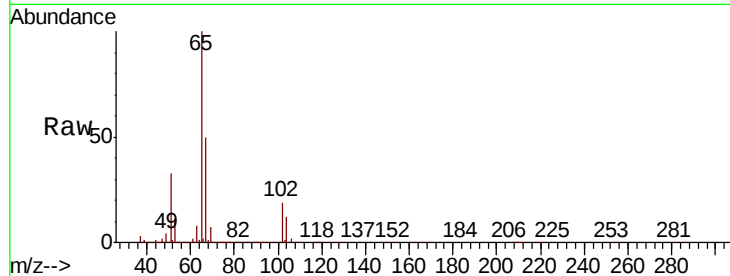
VX0723WBSD02

Tot Ion: 65 Resp: 391172

Ion Ratio Lower Upper

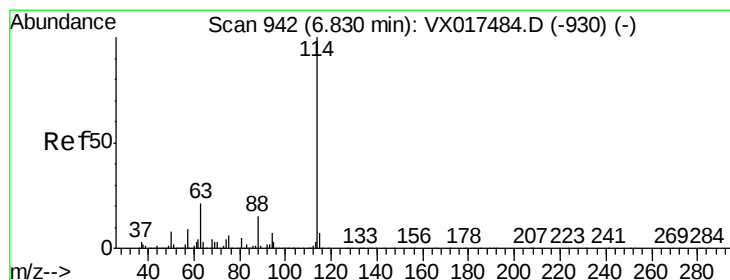
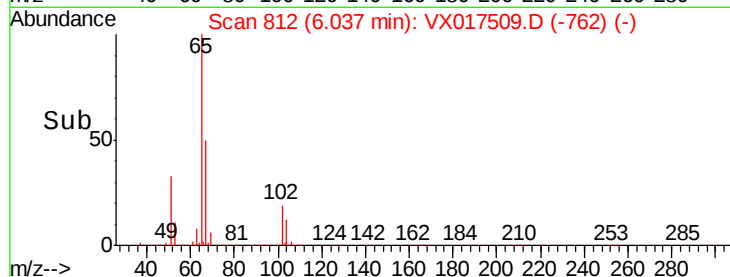
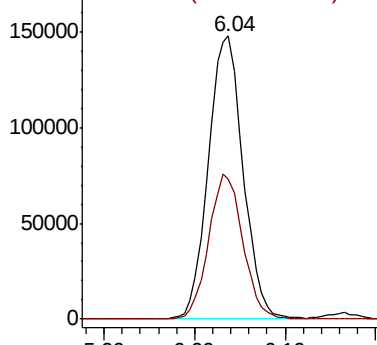
65 100

67 50.2 0.0 102.8



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. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

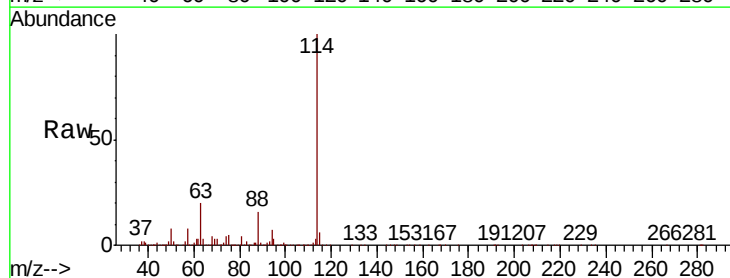
Tgt Ion: 114 Resp: 1024498

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.6

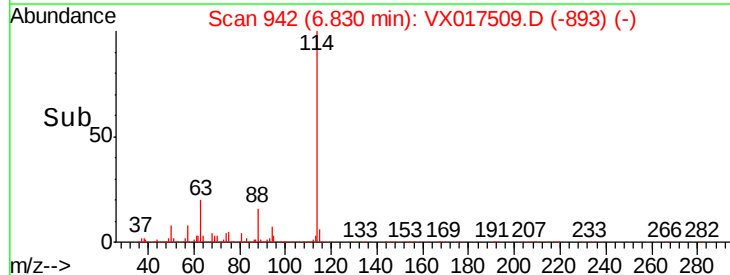
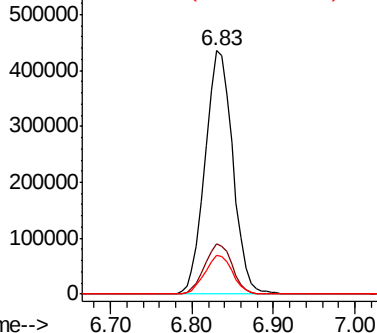
88 15.8 0.0 33.4

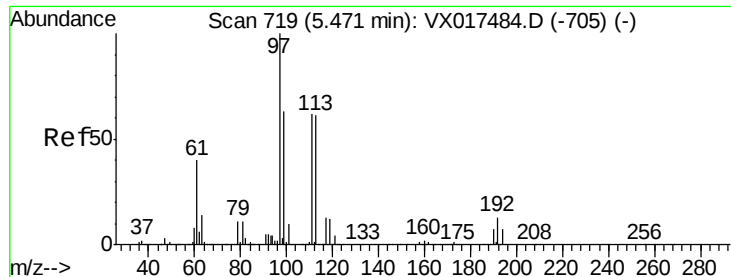


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

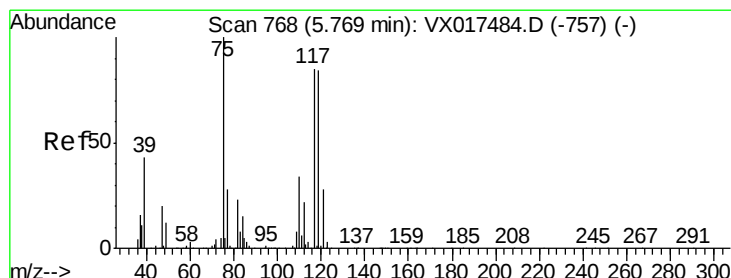
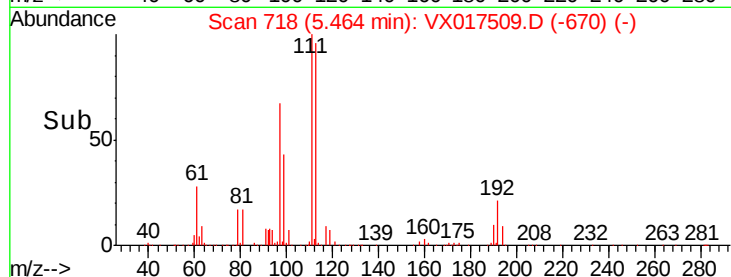
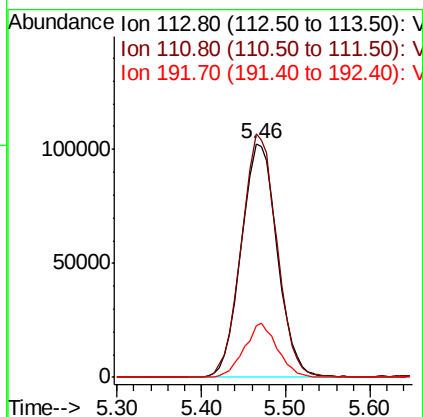
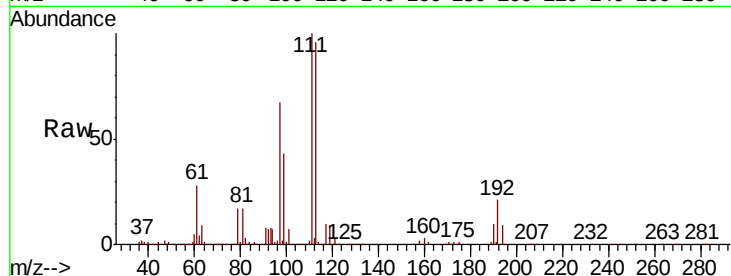




#35
 Dibromofluoromethane
 Concen: 43.450 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017509.D
 Acq: 23 Jul 2020 22:49

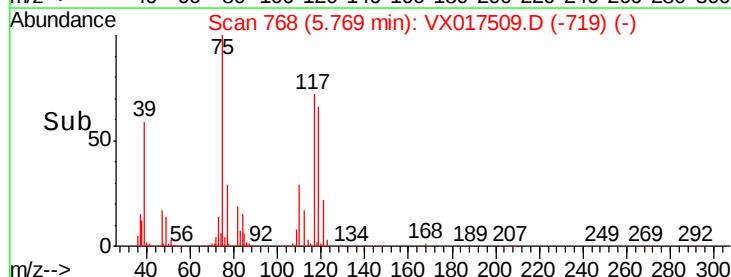
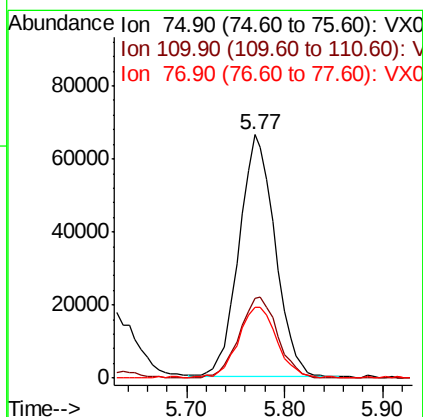
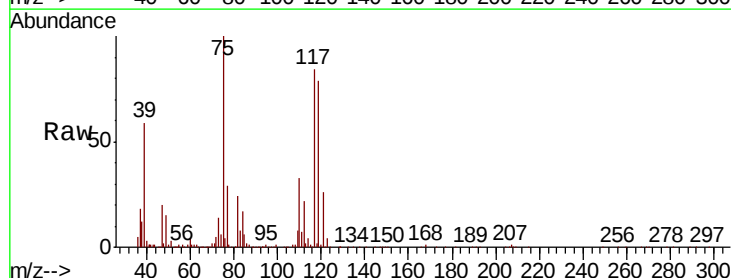
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD02

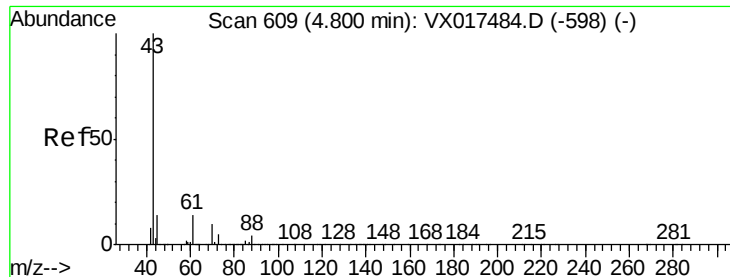
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	80.7	121.1
192	21.2	16.9	25.3



#36
 1,1-Dichloropropene
 Concen: 17.319 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017509.D
 Acq: 23 Jul 2020 22:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	18.1	54.3
77	30.9	24.6	37.0

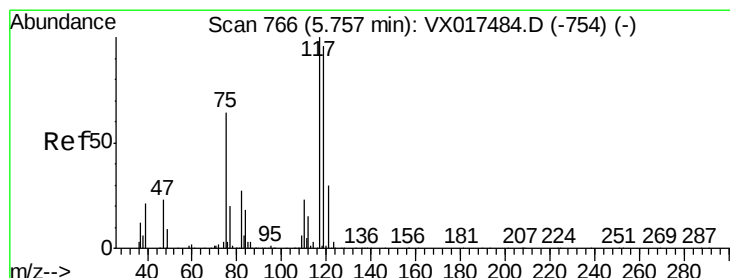
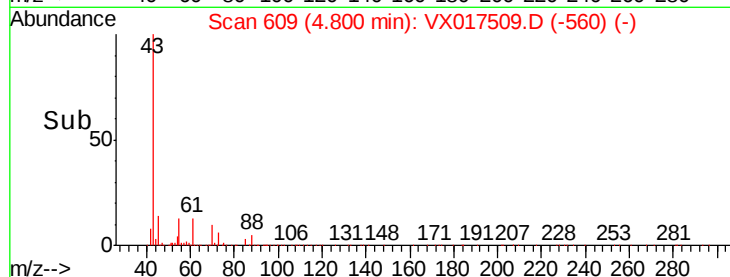
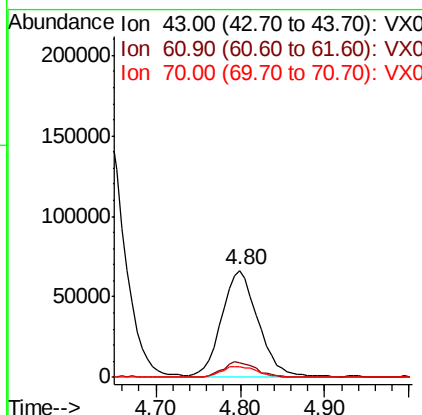
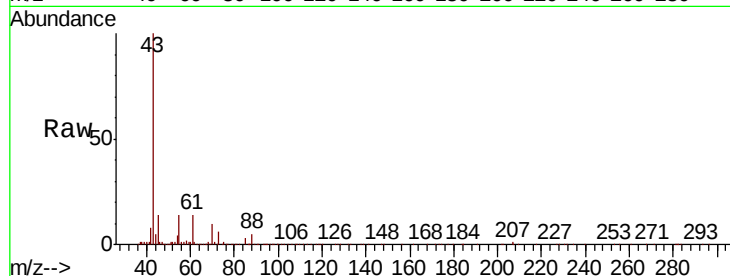




#37
Ethyl Acetate
Concen: 18.000 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

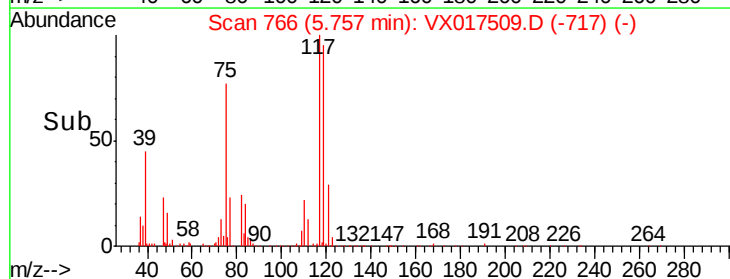
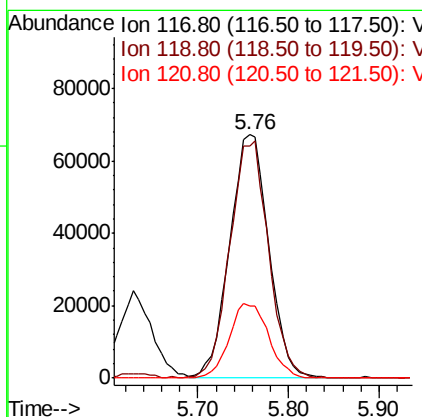
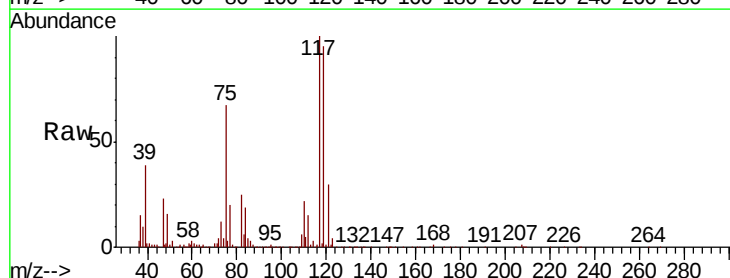
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD02

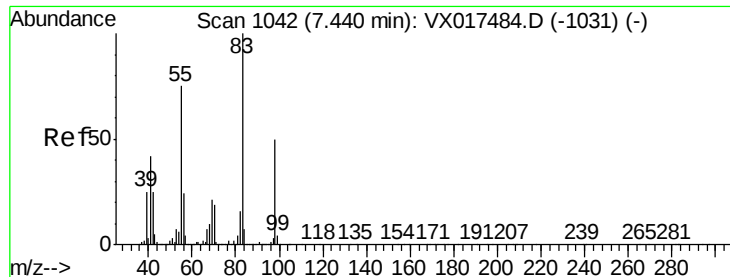
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.7	16.1
70	10.4	8.5	12.7



#38
Carbon Tetrachloride
Concen: 16.723 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.4	113.0
121	29.7	24.3	36.5

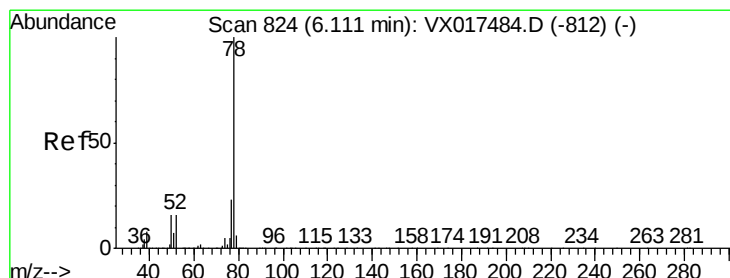
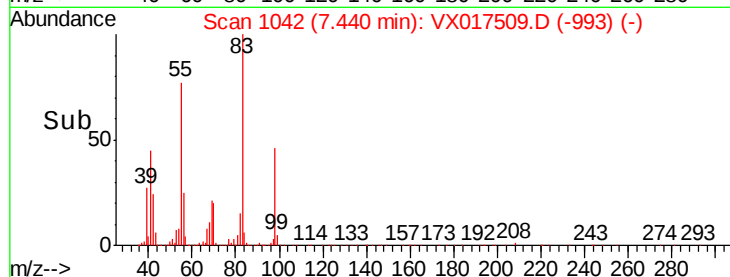
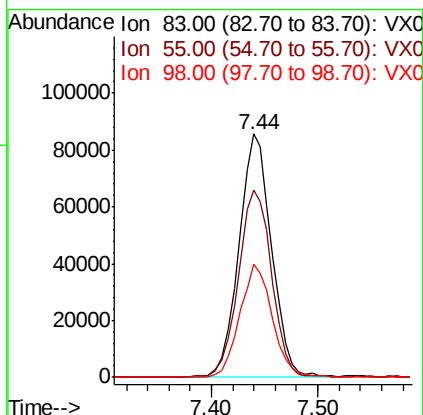
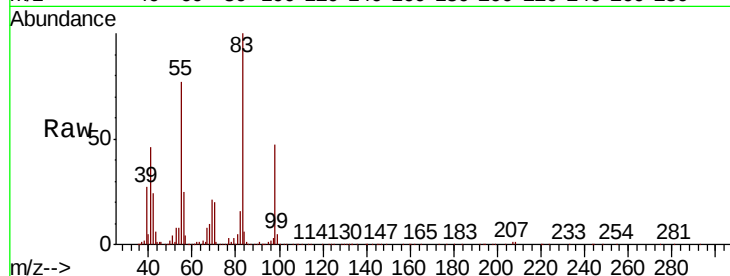




#39
Methvlcvclohexane
Concen: 16.015 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

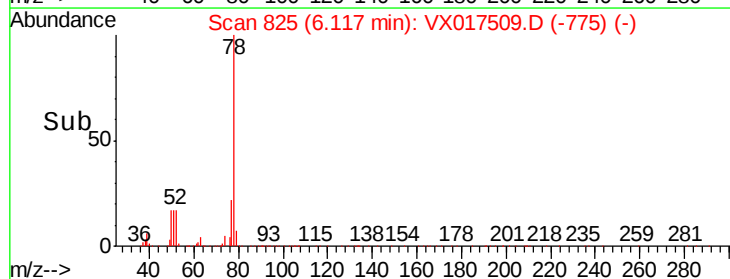
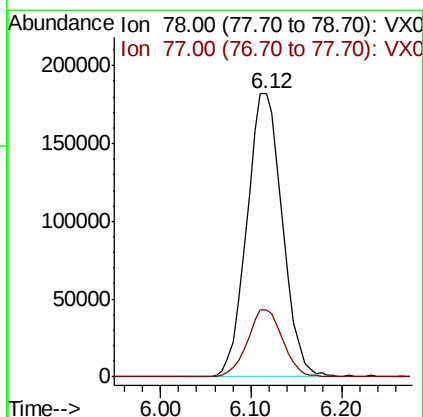
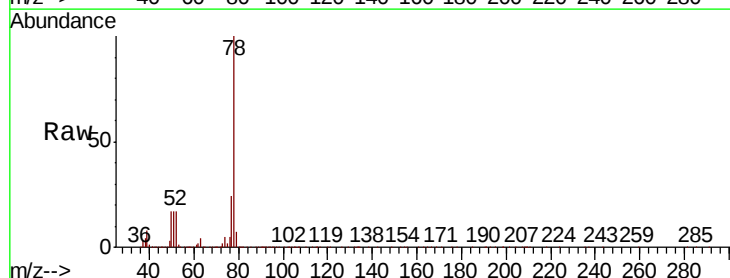
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD02

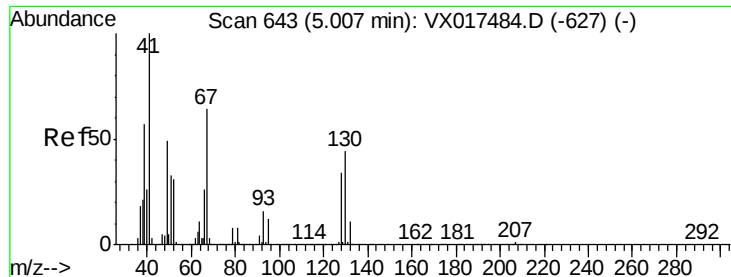
Tot Ion: 83 Resp: 183705
Ion Ratio Lower Upper
83 100
55 76.6 61.8 92.8
98 46.5 36.9 55.3



#40
Benzene
Concen: 17.502 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Tgt Ion: 78 Resp: 493032
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.2

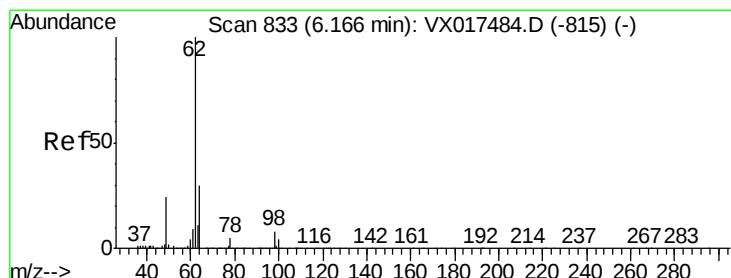
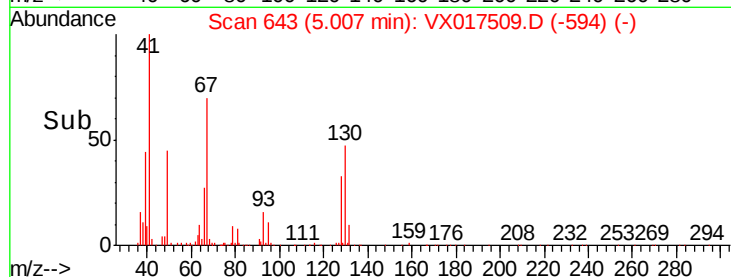
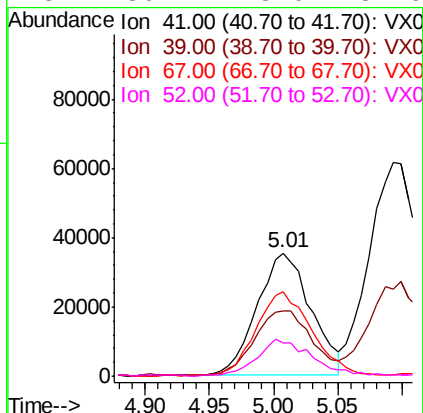
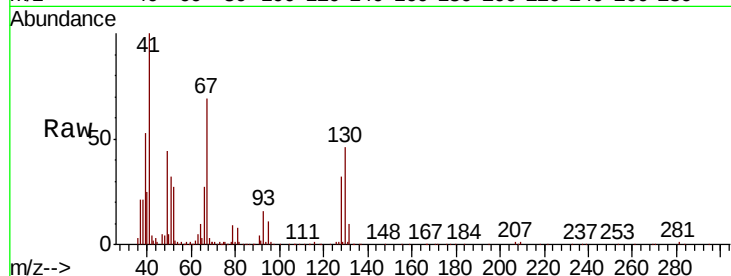




#41
Methacrylonitrile
Concen: 16.760 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

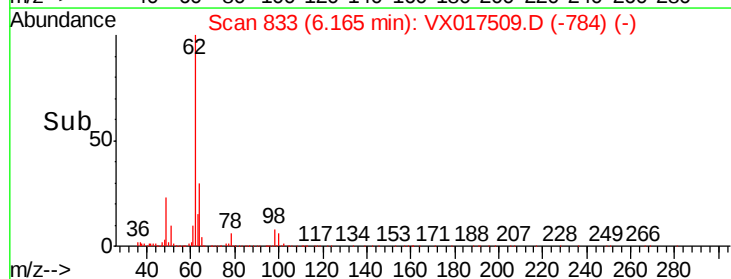
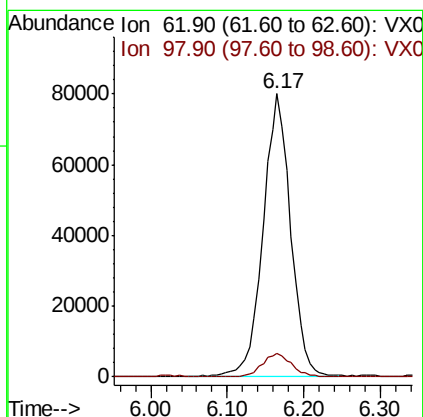
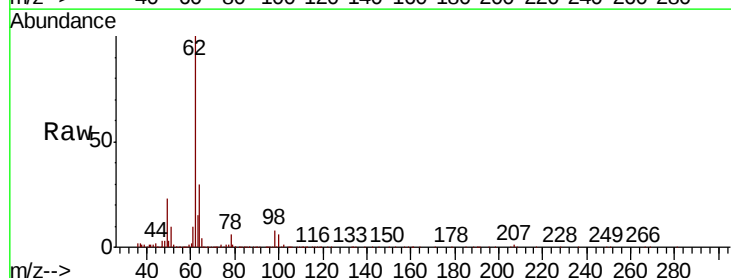
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD02

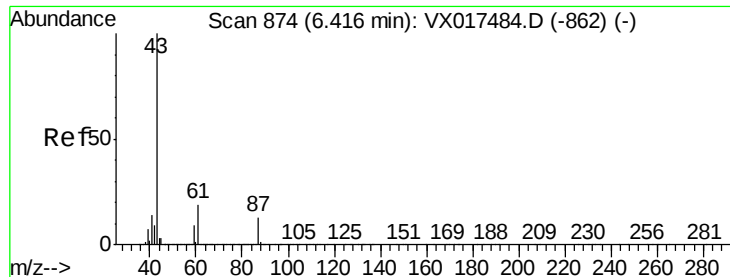
Tot Ion:	41	Resp:	103283
Ion	Ratio	Lower	Upper
41	100		
39	57.7	43.9	65.9
67	71.1	54.0	81.0
52	30.2	23.0	34.6



#42
1,2-Dichloroethane
Concen: 17.477 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Tgt Ion:	62	Resp:	201420
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.0





#43

Isopropyl Acetate

Concen: 17.343 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampled :

VX0723WBSD02

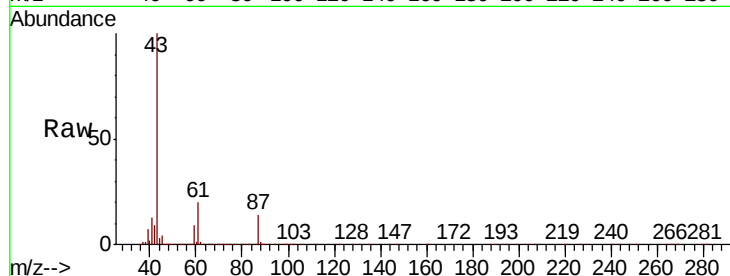
Tot Ion: 43 Resp: 307644

Ion Ratio Lower Upper

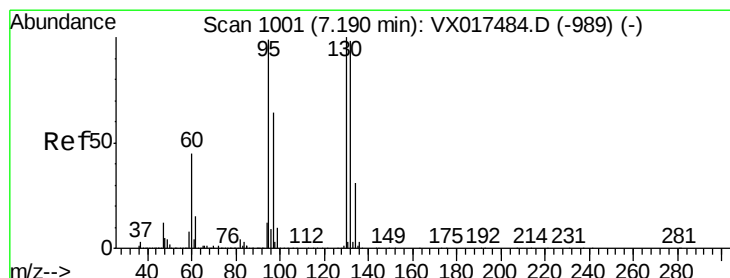
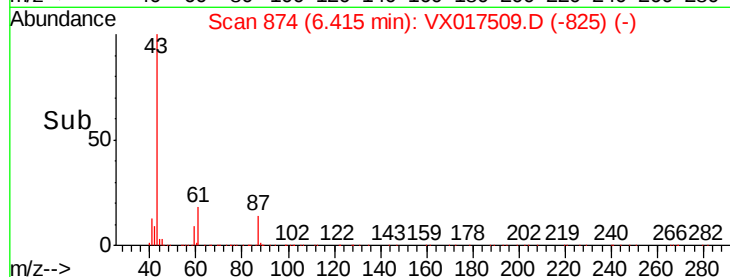
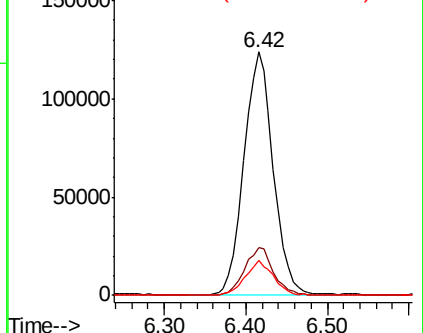
43 100

61 19.7 15.5 23.3

87 13.8 10.5 15.7



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



#44

Trichloroethene

Concen: 17.660 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017509.D

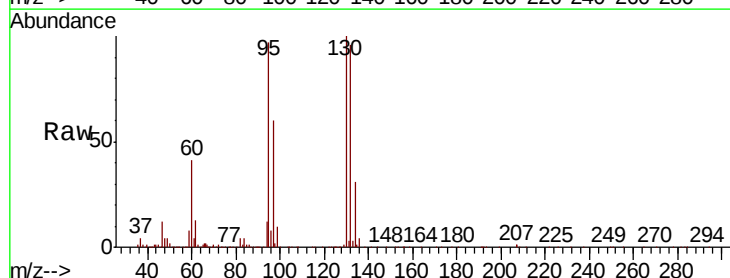
Acq: 23 Jul 2020 22:49

Tgt Ion:130 Resp: 145387

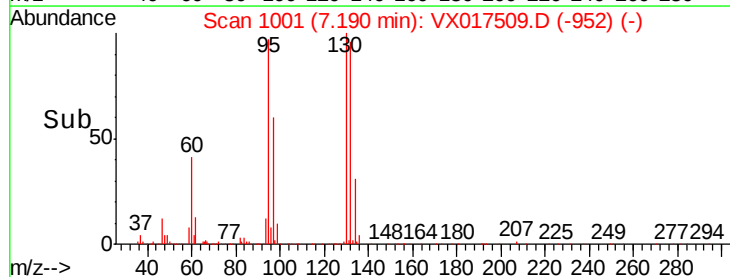
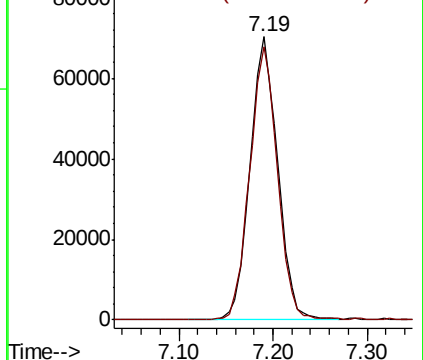
Ion Ratio Lower Upper

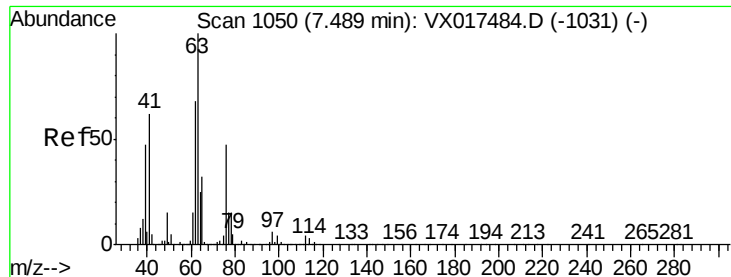
130 100

95 96.5 0.0 189.0



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





#45

1,2-Dichloropropane

Concen: 16.923 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

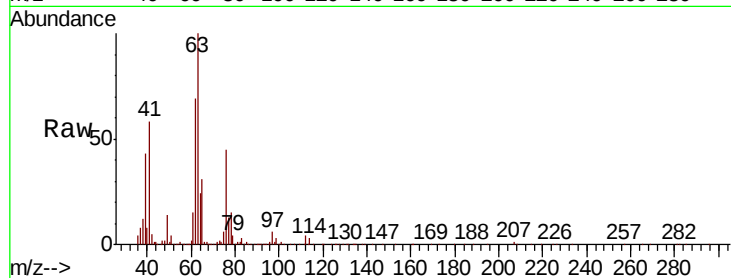
VX0723WBSD02

Tot Ion: 63 Resp: 132153

Ion Ratio Lower Upper

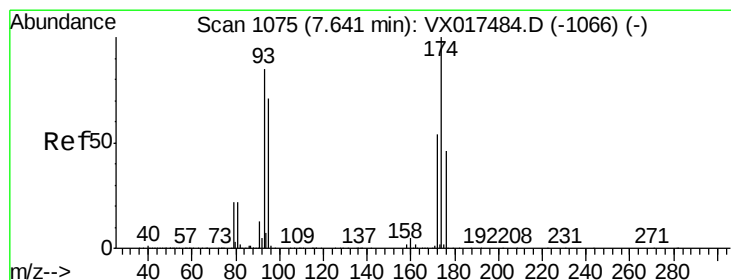
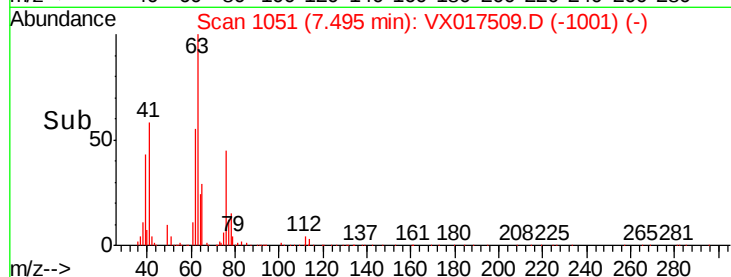
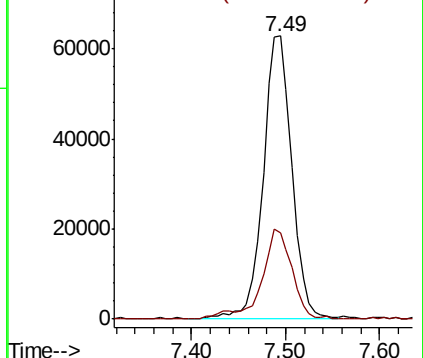
63 100

65 30.5 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 16.754 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

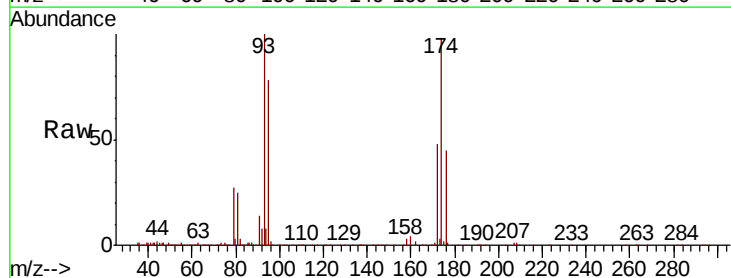
Tgt Ion: 93 Resp: 92464

Ion Ratio Lower Upper

93 100

95 82.7 66.6 99.8

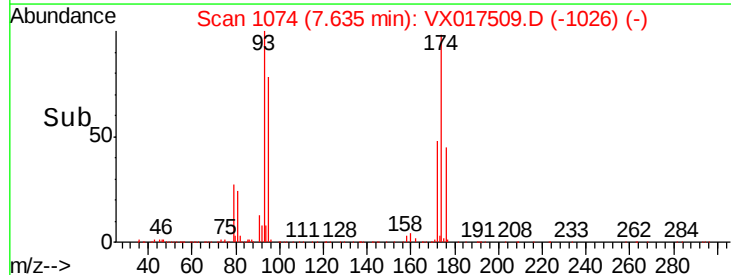
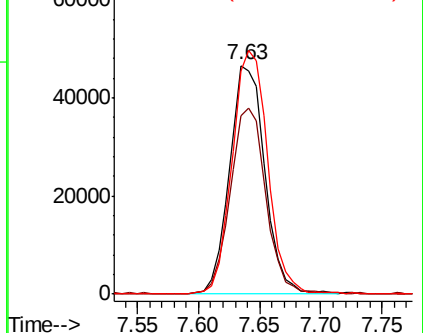
174 108.2 87.0 130.6

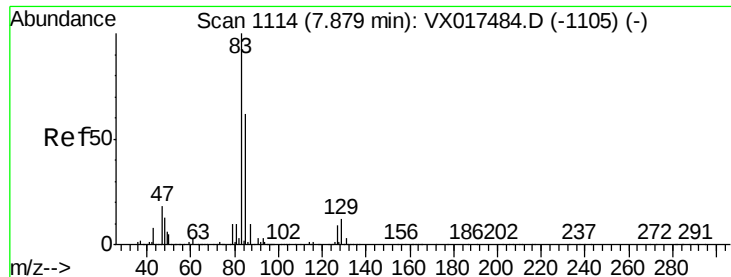


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 17.209 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD02

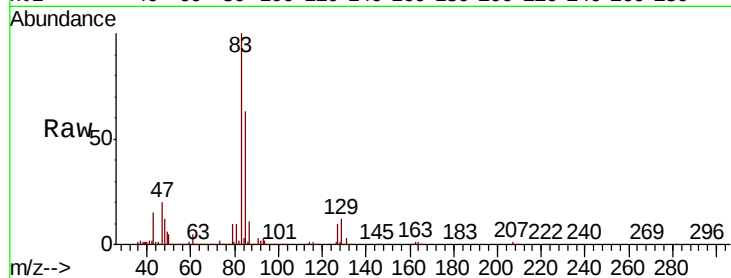
Tot Ion: 83 Resp: 191102

Ion Ratio Lower Upper

83 100

85 63.2 51.8 77.8

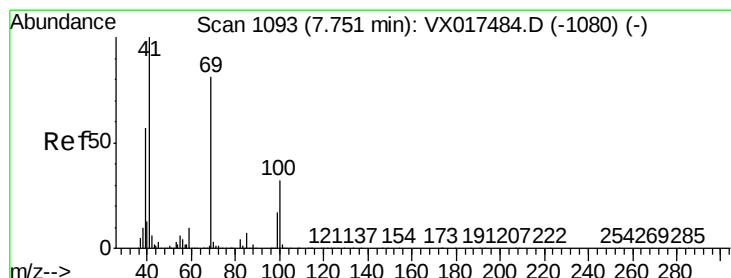
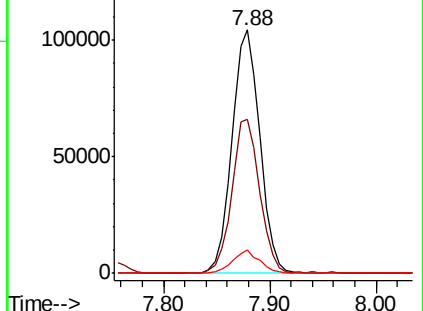
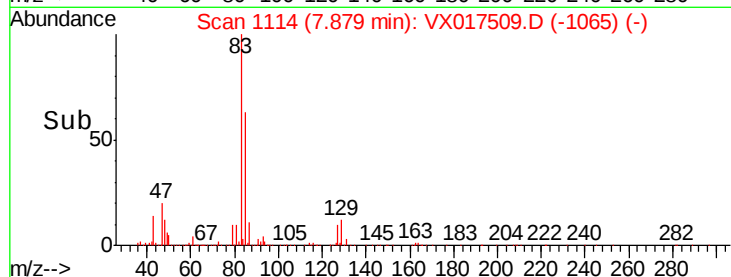
127 9.6 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.558 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

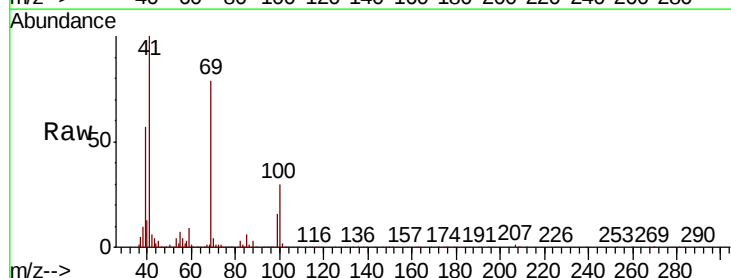
Tgt Ion: 41 Resp: 154384

Ion Ratio Lower Upper

41 100

69 80.4 63.1 94.7

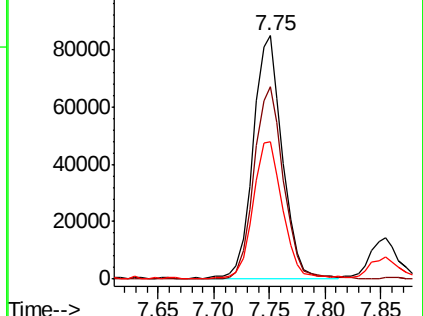
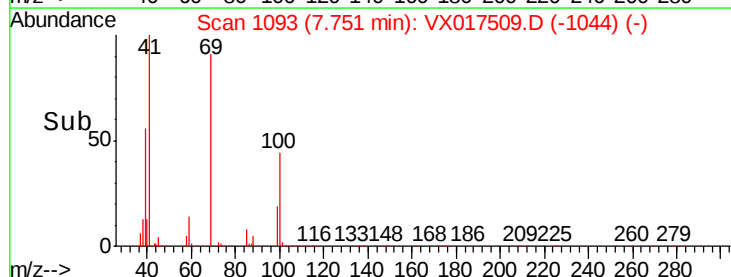
39 57.2 45.1 67.7

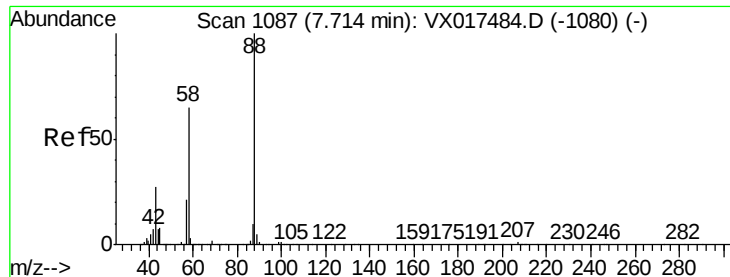


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 404.622 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD02

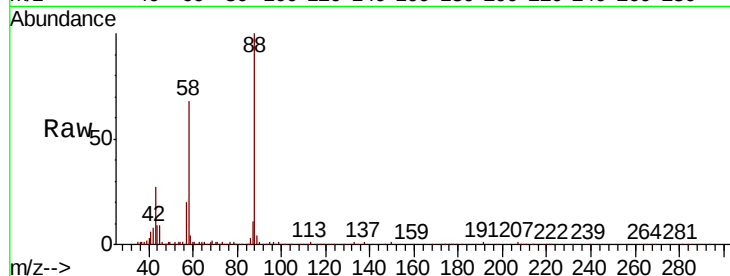
Tot Ion: 88 Resp: 68211

Ion Ratio Lower Upper

88 100

43 35.3 27.8 41.6

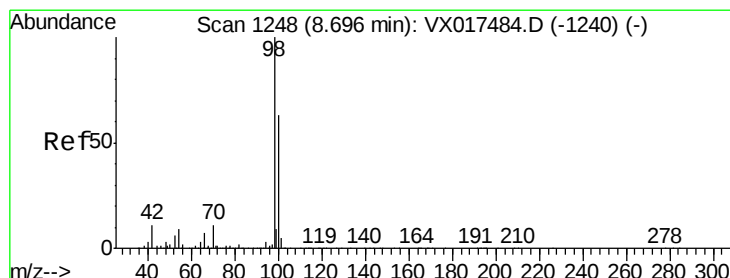
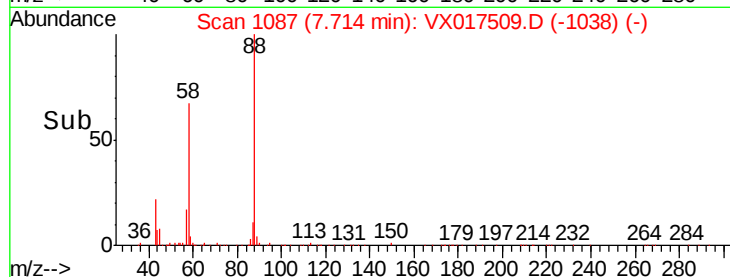
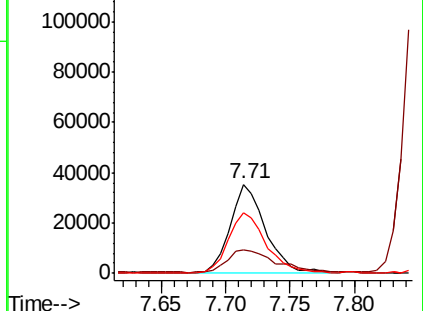
58 73.4 58.3 87.5



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 44.527 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017509.D

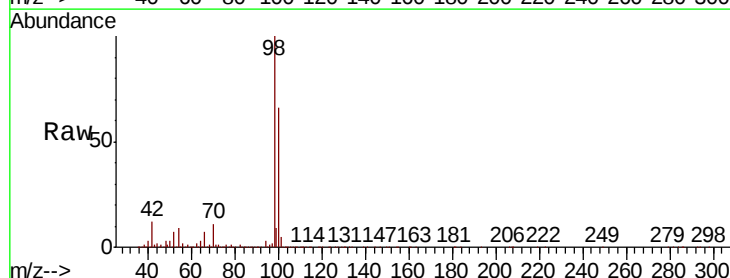
Acq: 23 Jul 2020 22:49

Tgt Ion: 98 Resp: 1100611

Ion Ratio Lower Upper

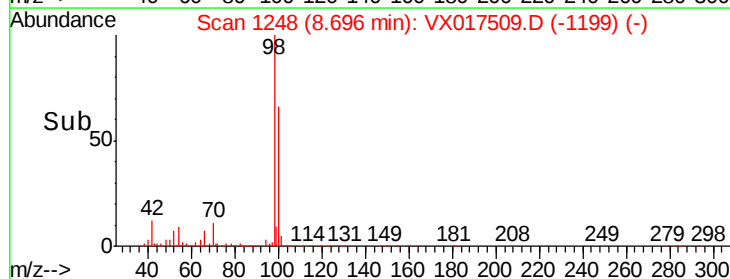
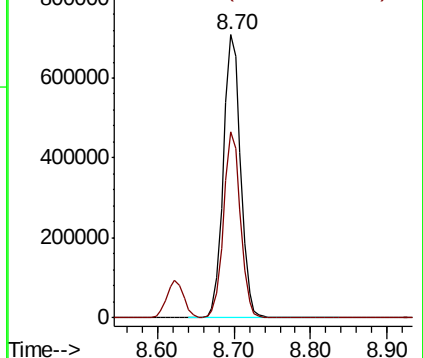
98 100

100 64.7 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 92.842 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

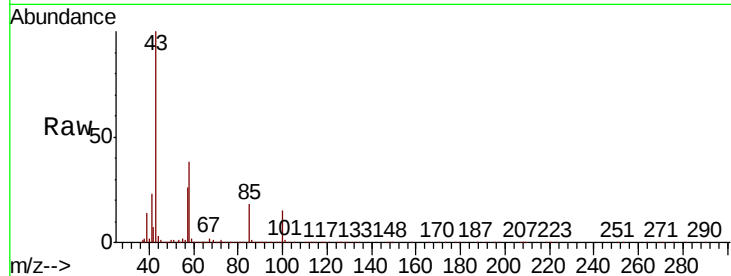
VX0723WBSD02

Tot Ion: 43 Resp: 982627

Ion Ratio Lower Upper

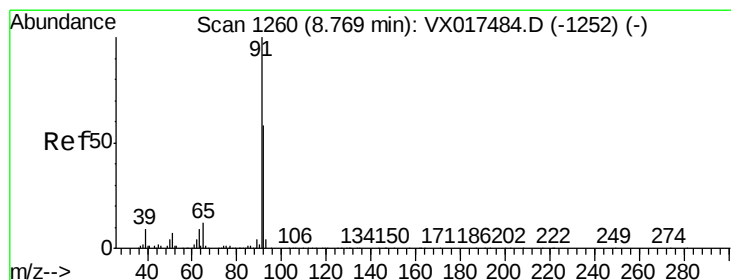
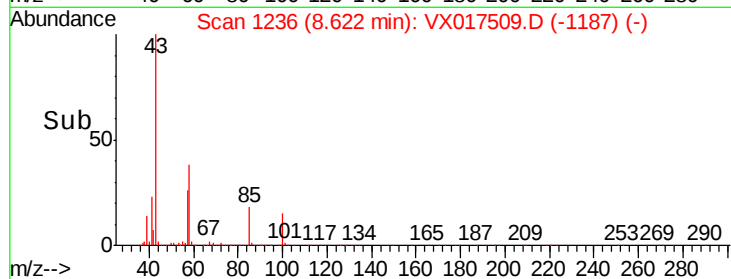
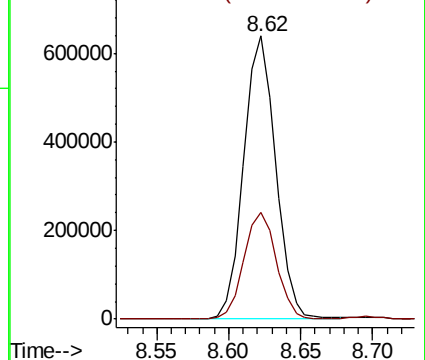
43 100

58 38.2 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 17.517 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017509.D

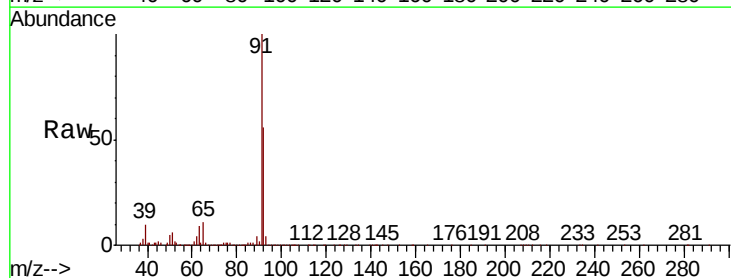
Acq: 23 Jul 2020 22:49

Tgt Ion: 92 Resp: 316464

Ion Ratio Lower Upper

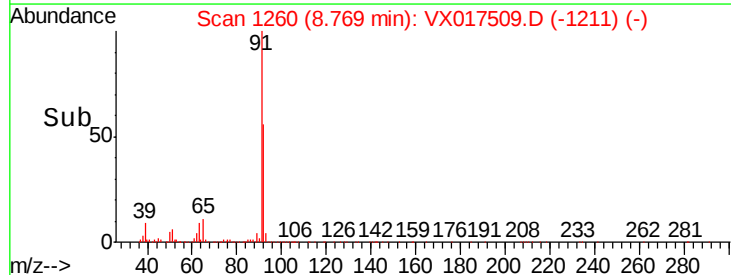
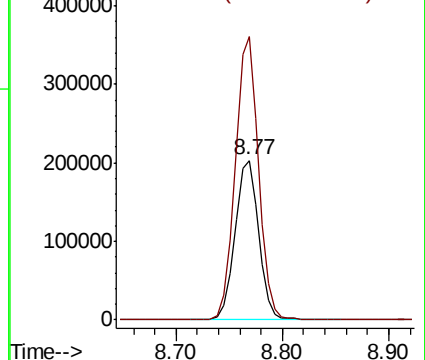
92 100

91 174.7 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 16.775 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

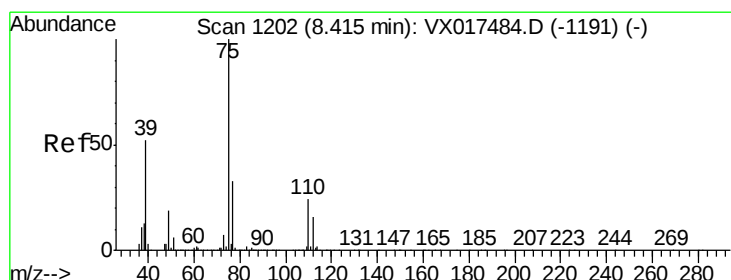
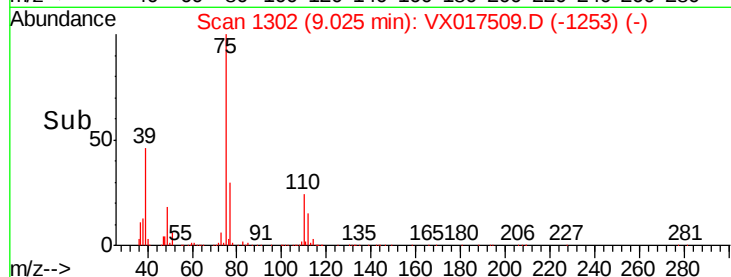
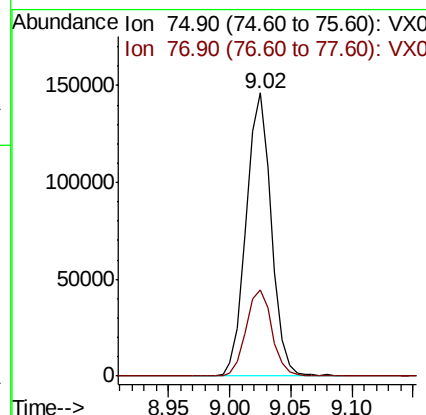
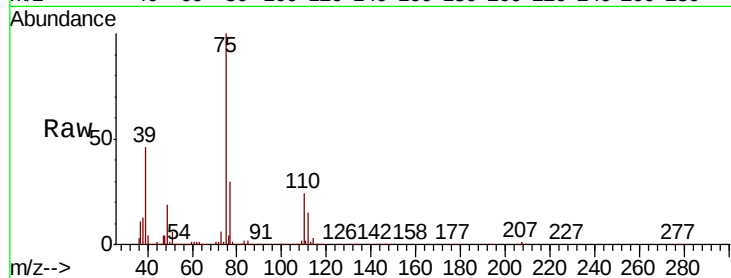
VX0723WBSD02

Tot Ion: 75 Resp: 208529

Ion Ratio Lower Upper

75 100

77 30.2 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 17.030 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

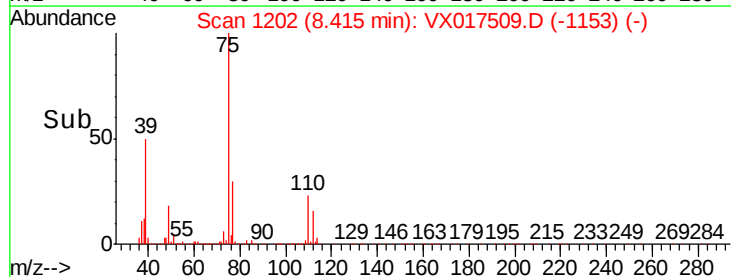
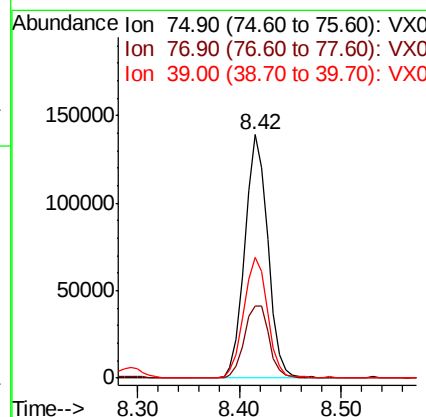
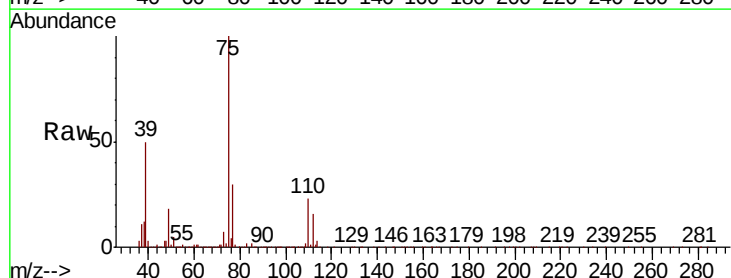
Tgt Ion: 75 Resp: 215932

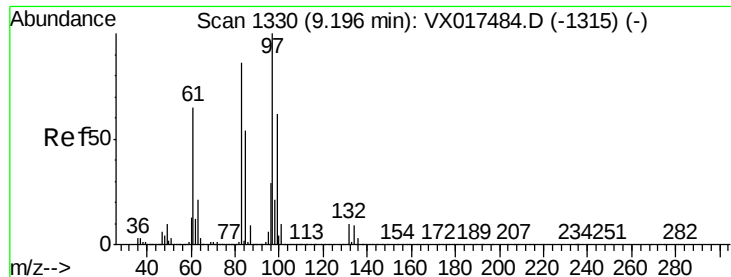
Ion Ratio Lower Upper

75 100

77 29.6 25.5 38.3

39 49.3 41.8 62.8

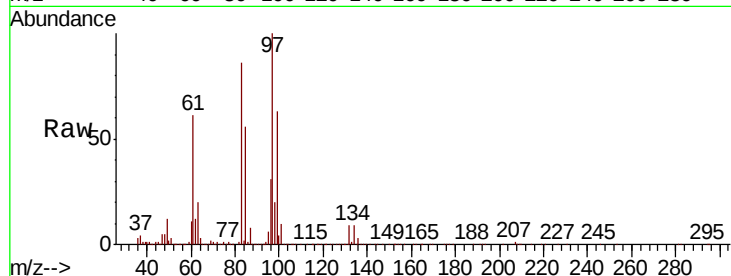




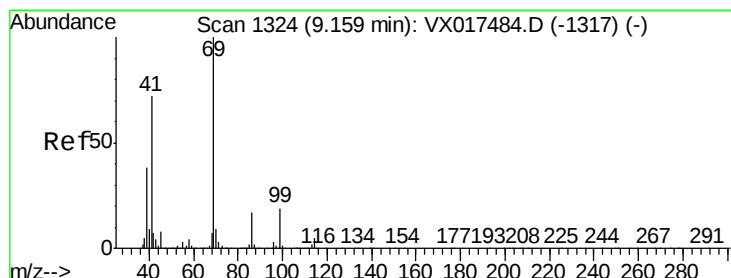
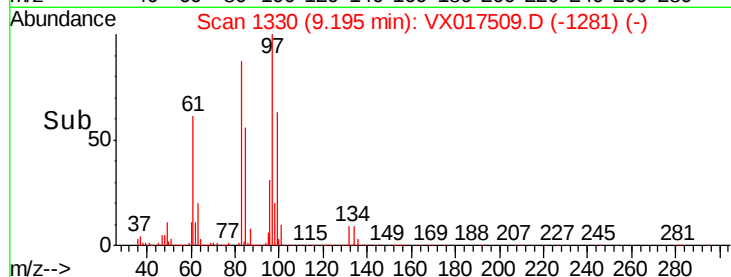
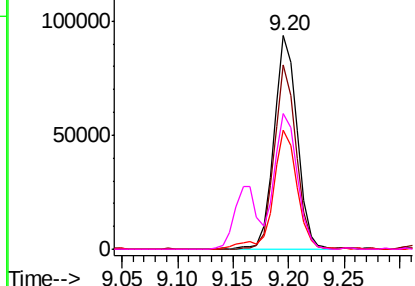
#55
 1,1,2-Trichloroethane
 Concen: 17.925 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017509.D
 Acq: 23 Jul 2020 22:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD02

Tot Ion:	97	Resp:	134901
Ion	Ratio	Lower	Upper
97	100		
83	86.2	67.6	101.4
85	55.7	44.6	67.0
99	63.2	50.2	75.4

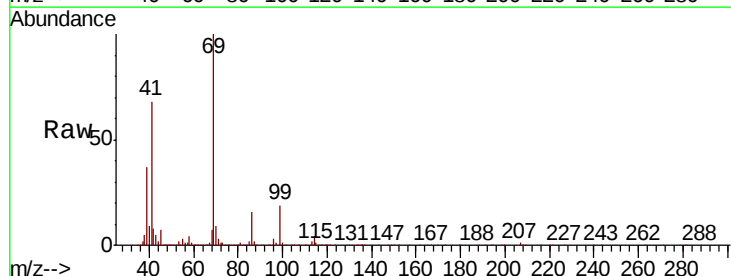


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

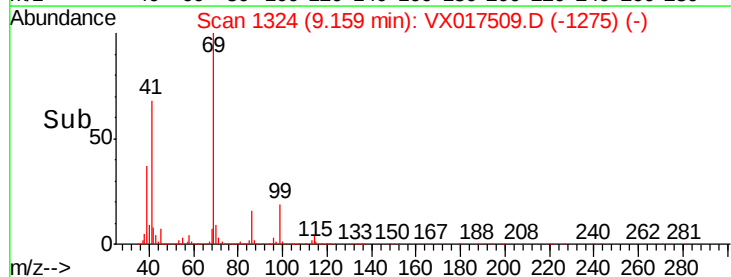
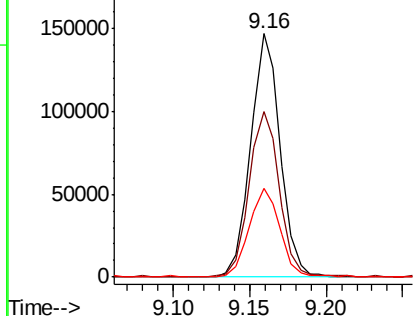


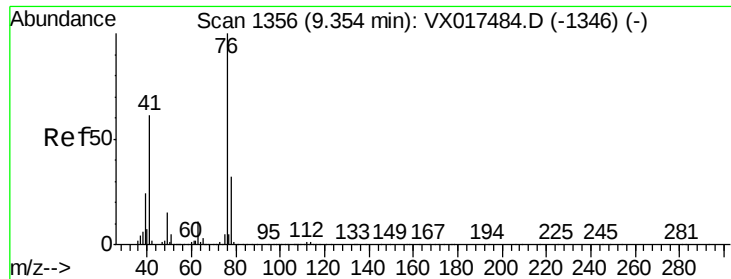
#56
 Ethyl methacrylate
 Concen: 17.317 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017509.D
 Acq: 23 Jul 2020 22:49

Tgt Ion:	69	Resp:	196349
Ion	Ratio	Lower	Upper
69	100		
41	69.4	55.0	82.6
39	37.5	30.0	45.0



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: 18.211 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

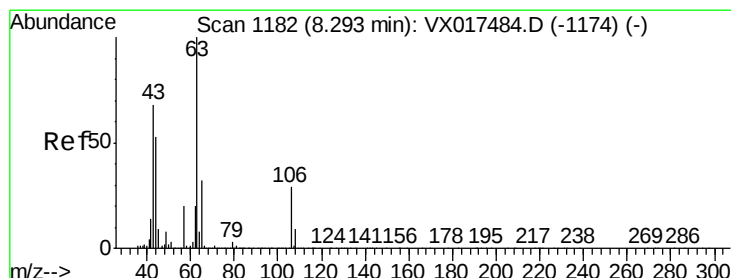
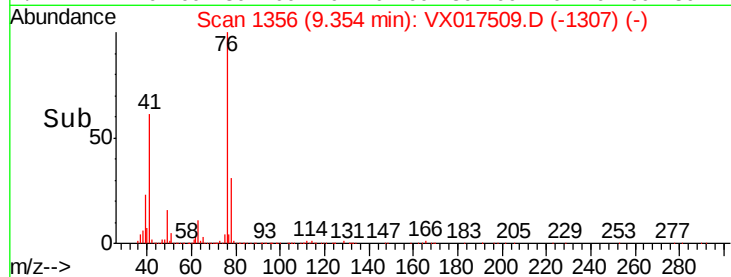
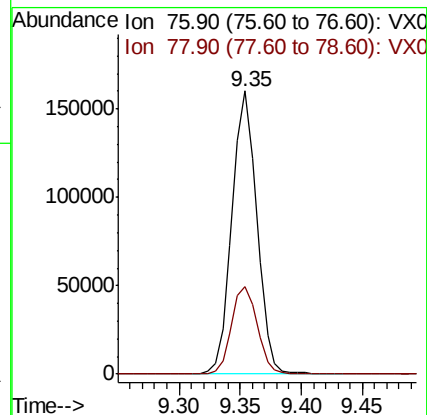
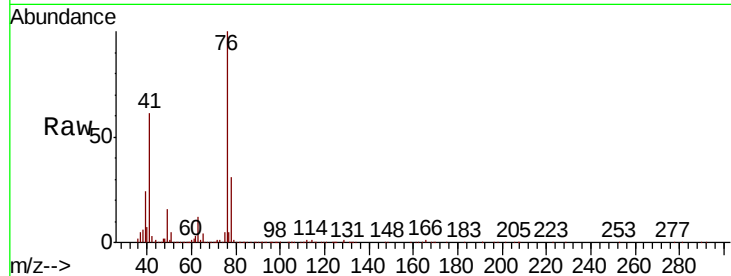
VX0723WBSD02

Tot Ion: 76 Resp: 225682

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 79.723 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017509.D

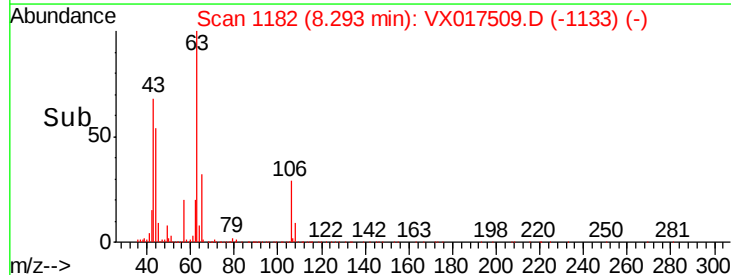
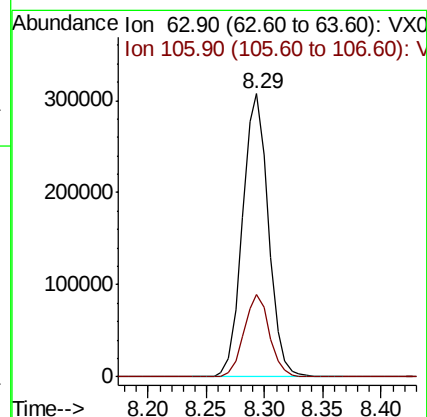
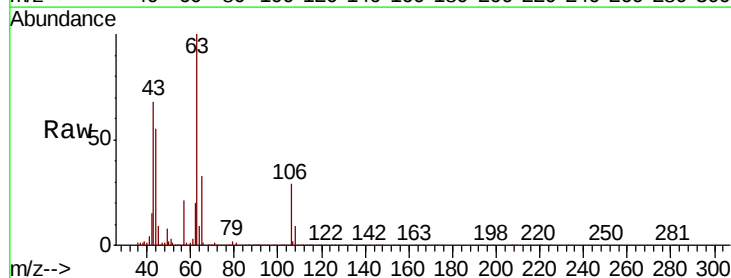
Acq: 23 Jul 2020 22:49

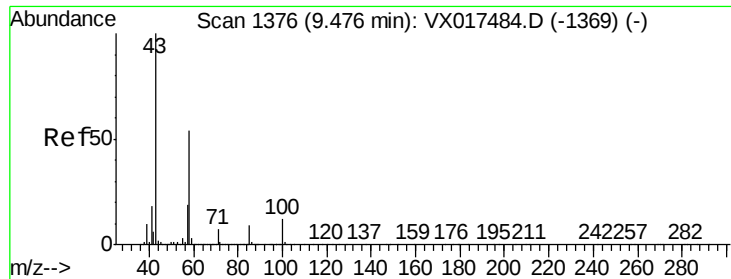
Tgt Ion: 63 Resp: 476232

Ion Ratio Lower Upper

63 100

106 29.0 22.6 34.0

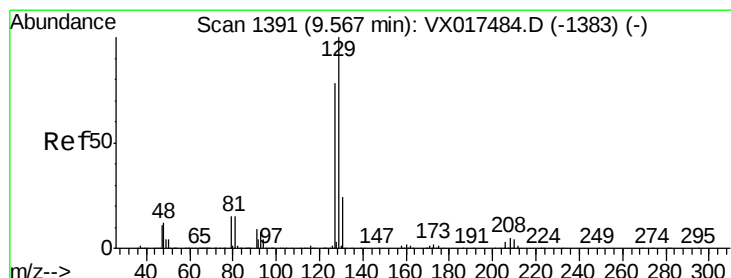
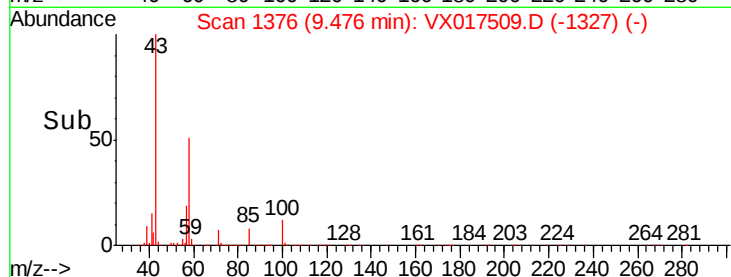
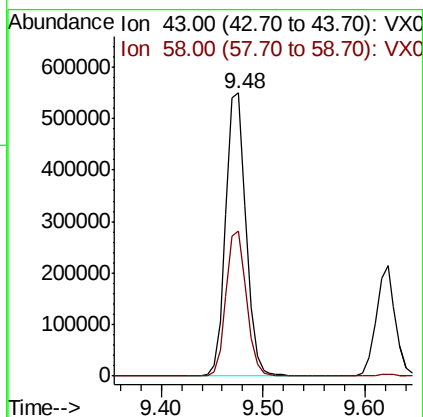
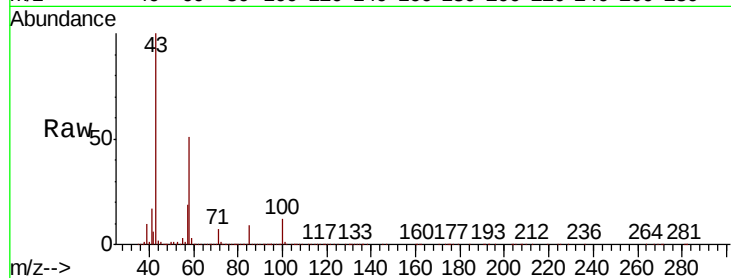




#59
2-Hexanone
Concen: 94.670 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

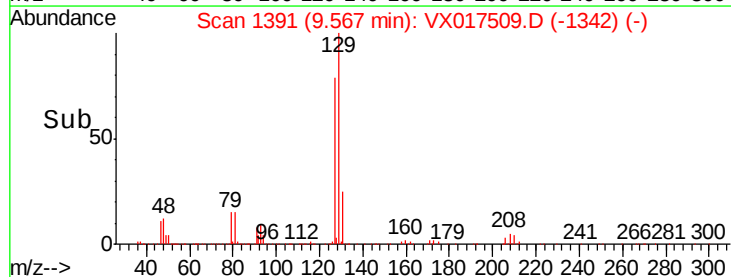
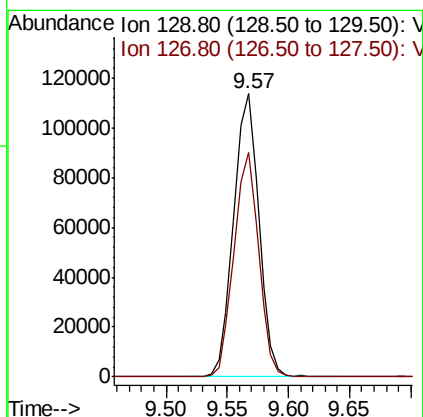
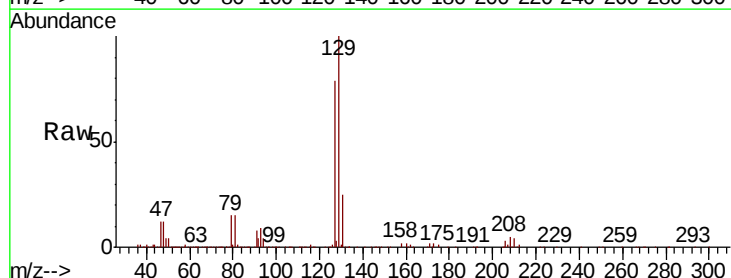
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD02

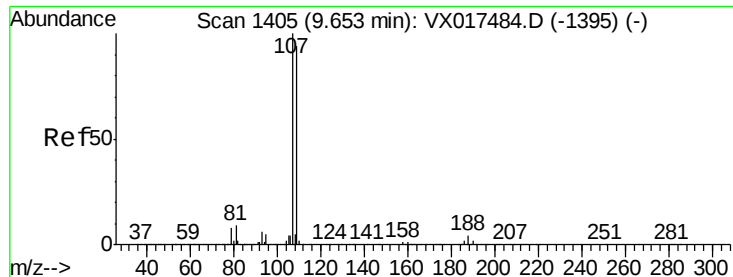
Tot Ion: 43 Resp: 754375
Ion Ratio Lower Upper
43 100
58 51.5 26.6 79.8



#60
Dibromochloromethane
Concen: 17.026 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Tgt Ion: 129 Resp: 162860
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.1





#61

1,2-Dibromoethane

Concen: 18.203 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

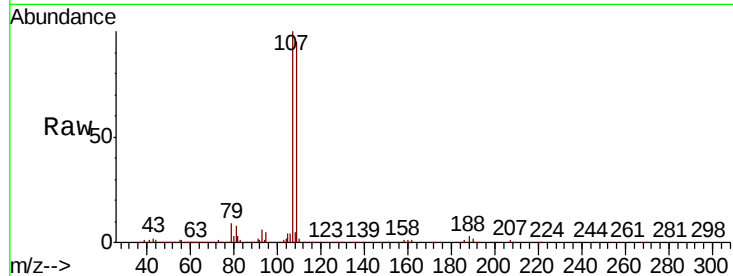
VX0723WBSD02

Tot Ion:107 Resp: 145853

Ion Ratio Lower Upper

107 100

109 95.8 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

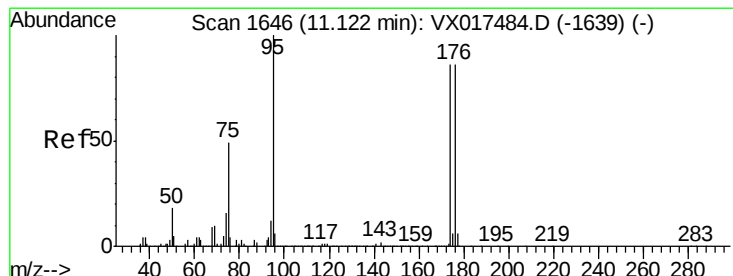
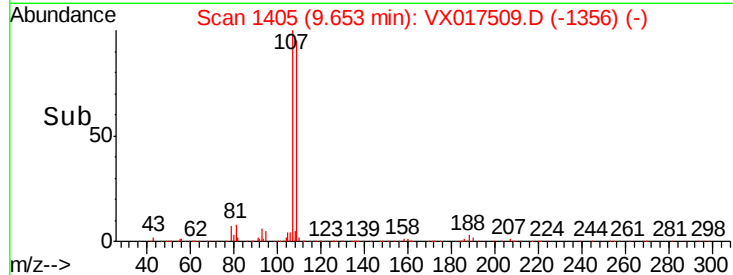
60000

40000

20000

0

Time--> 9.60 9.65 9.70



#62

4-Bromofluorobenzene

Concen: 42.732 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

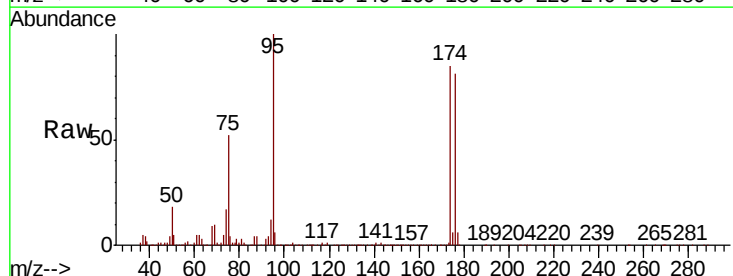
Tgt Ion: 95 Resp: 422710

Ion Ratio Lower Upper

95 100

174 83.2 0.0 169.0

176 81.6 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

400000

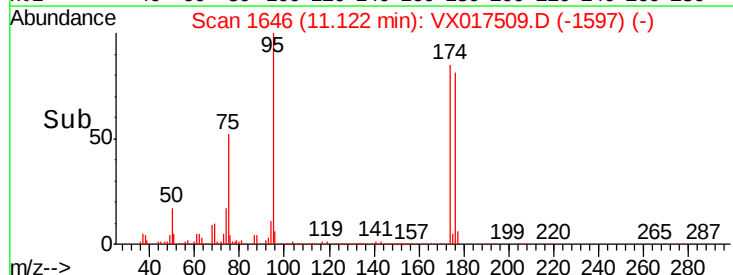
300000

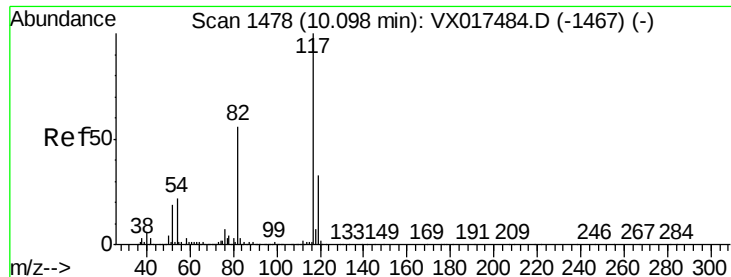
200000

100000

0

Time--> 11.00 11.10 11.20

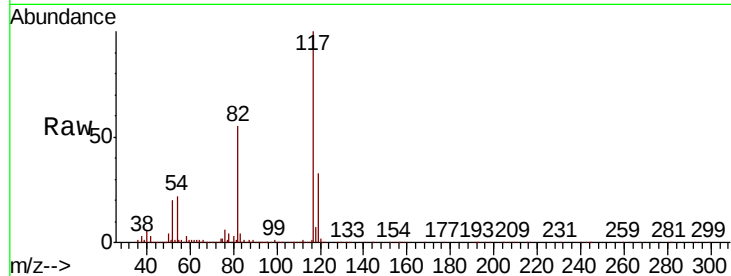




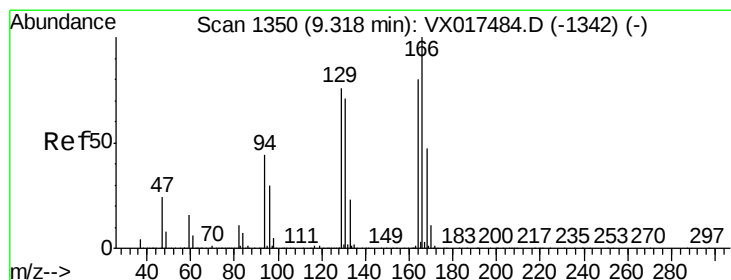
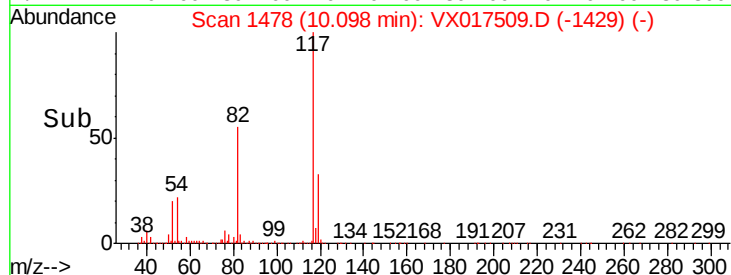
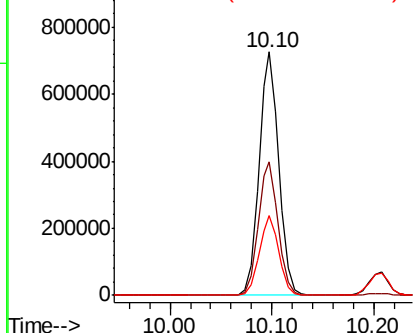
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD02

Tot Ion:117 Resp: 980264
Ion Ratio Lower Upper
117 100
82 54.7 44.0 66.0
119 32.7 25.4 38.0

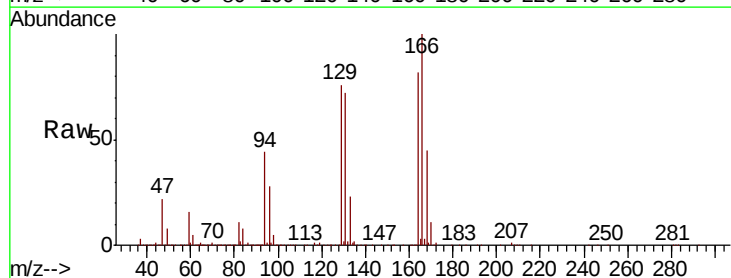


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

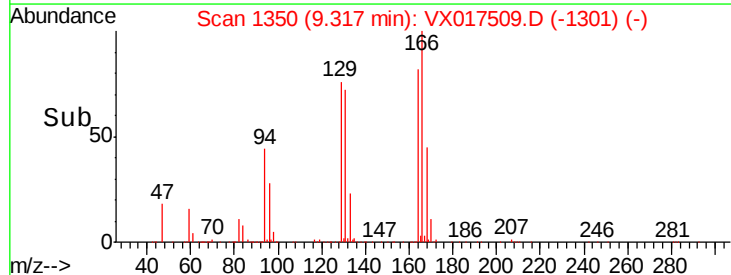
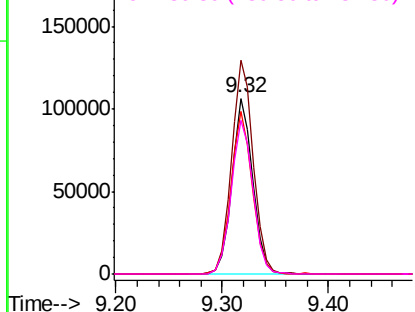


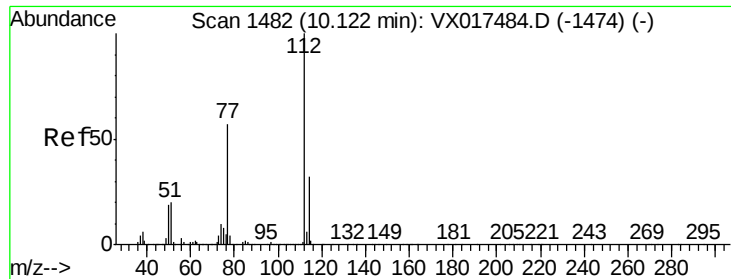
#64
Tetrachloroethene
Concen: 16.627 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Tgt Ion:164 Resp: 146283
Ion Ratio Lower Upper
164 100
166 121.6 100.6 150.8
129 92.8 75.0 112.6
131 87.0 75.2 112.8



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





#65

Chlorobenzene

Concen: 16.845 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

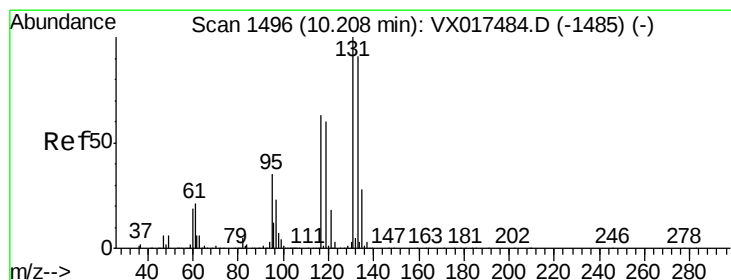
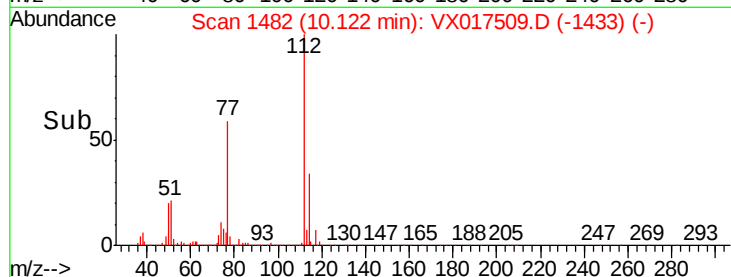
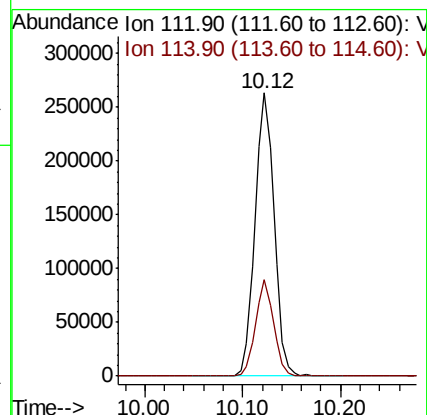
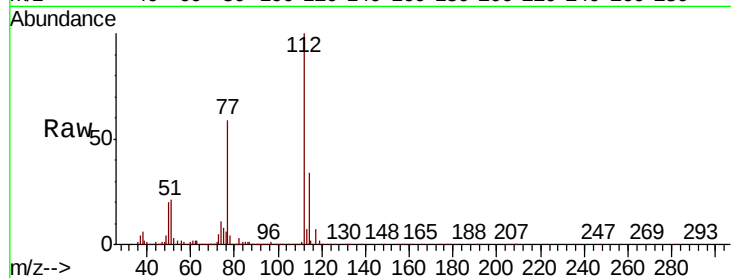
VX0723WBSD02

Tot Ion:112 Resp: 357426

Ion Ratio Lower Upper

112 100

114 34.1 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 16.964 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

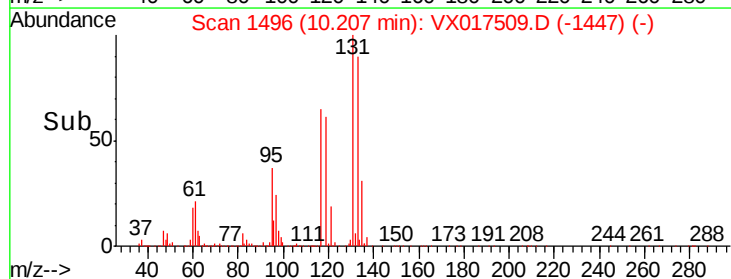
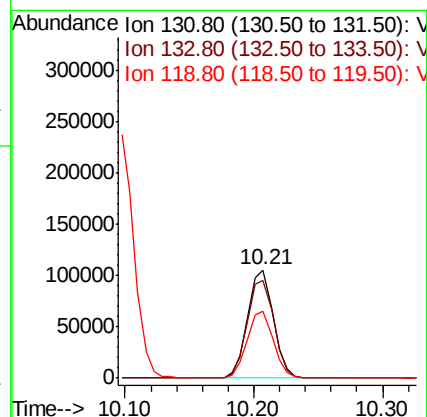
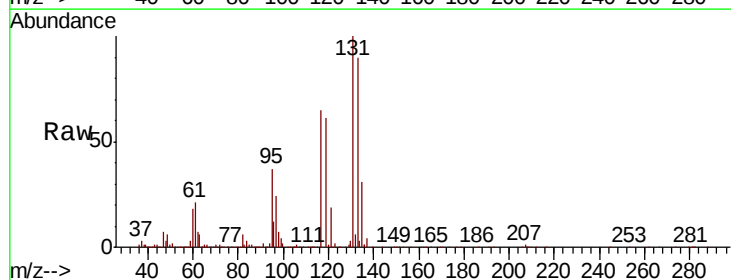
Tgt Ion:131 Resp: 145266

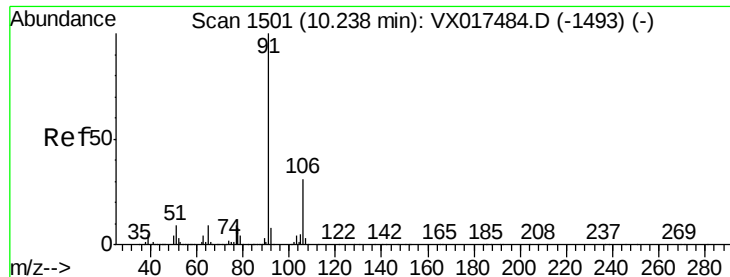
Ion Ratio Lower Upper

131 100

133 94.1 47.9 143.6

119 63.0 31.1 93.3

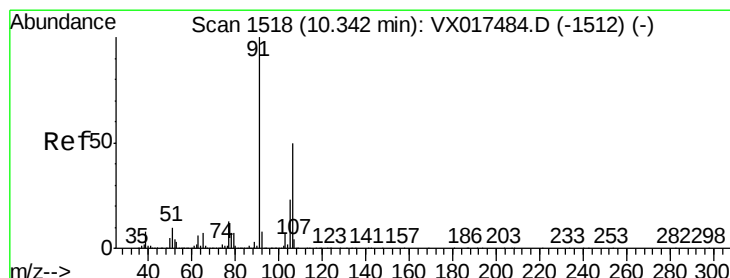
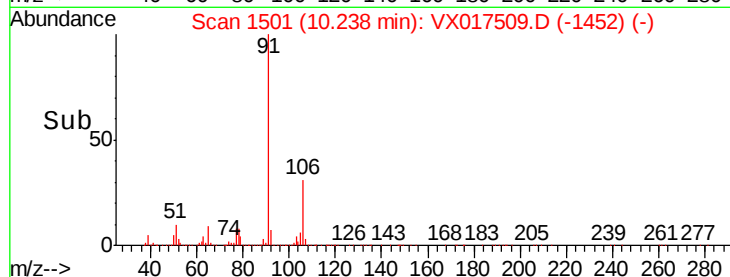
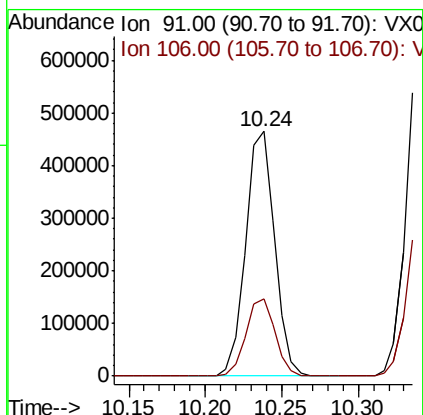
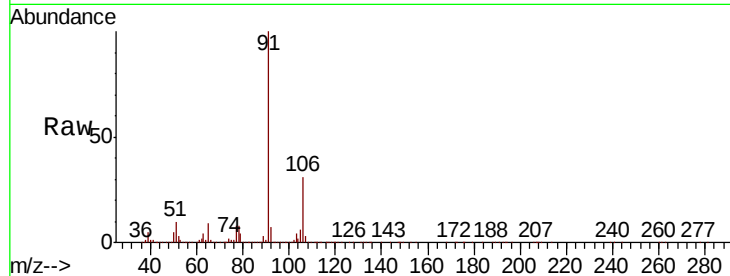




#67
Ethyl Benzene
Concen: 17.252 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

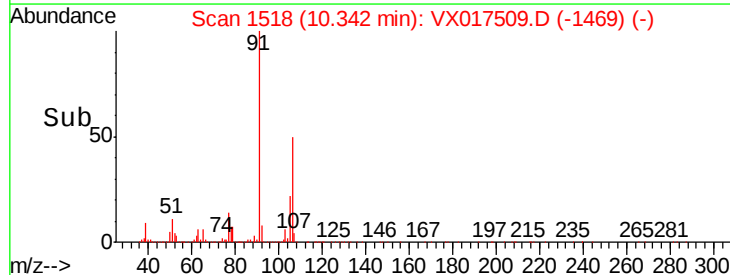
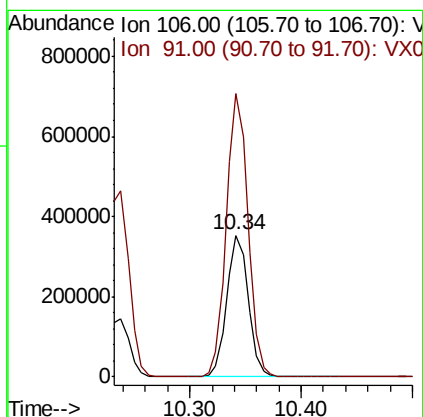
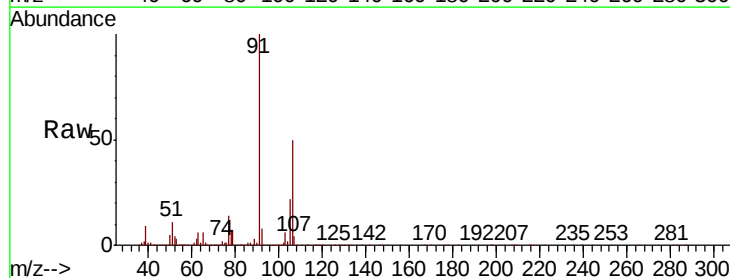
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD02

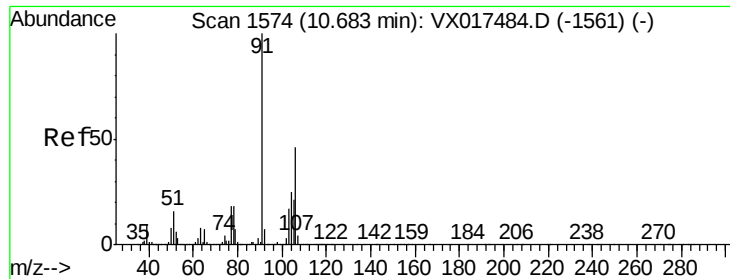
Tot Ion: 91 Resp: 611036
Ion Ratio Lower Upper
91 100
106 31.4 25.8 38.6



#68
m/p-Xylenes
Concen: 34.516 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Tgt Ion: 106 Resp: 473602
Ion Ratio Lower Upper
106 100
91 201.0 160.9 241.3

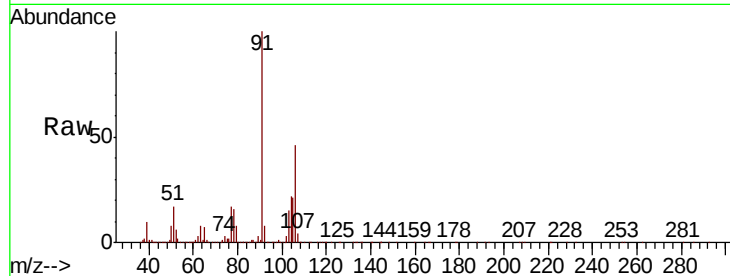




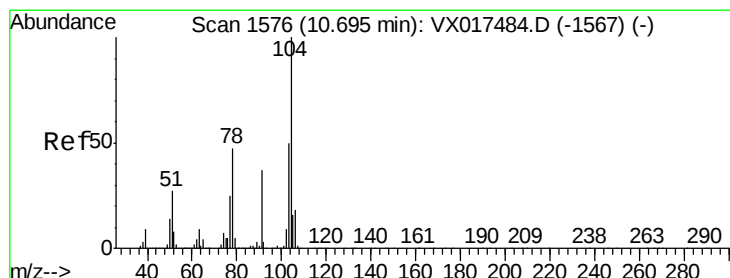
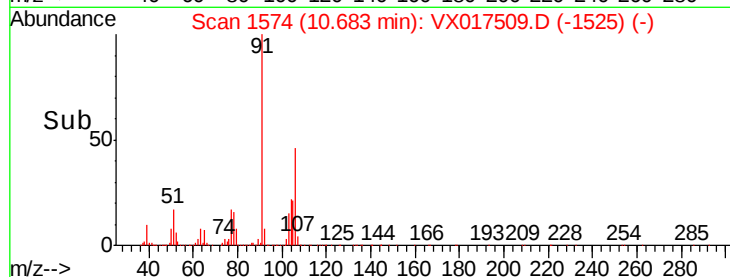
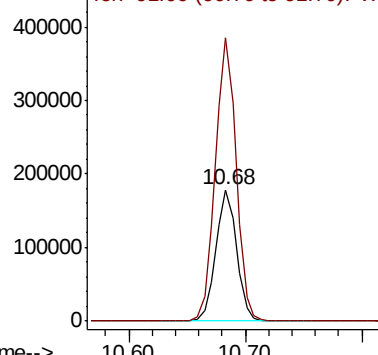
#69
o-Xylene
Concen: 16.943 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD02

Tot Ion:106 Resp: 223590
Ion Ratio Lower Upper
106 100
91 215.3 108.2 324.6

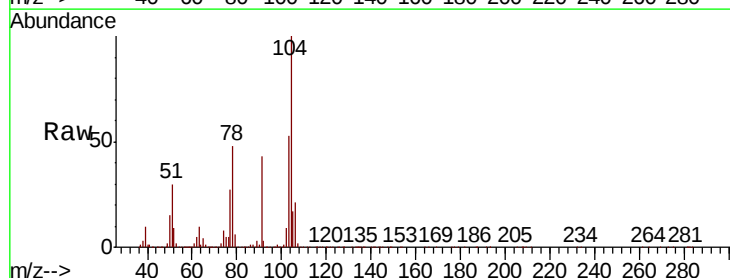


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

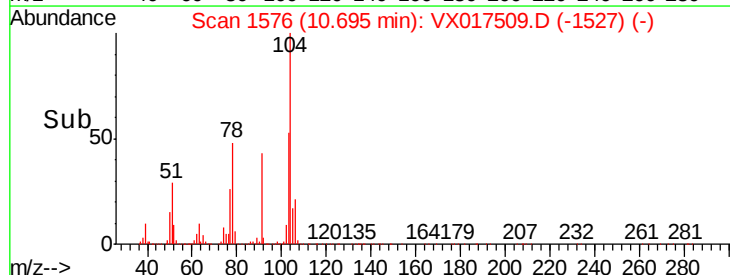
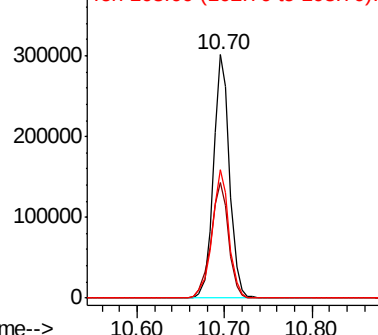


#70
Styrene
Concen: 17.355 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Tgt Ion:104 Resp: 389675
Ion Ratio Lower Upper
104 100
78 52.1 42.5 63.7
103 55.5 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 15.950 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD02

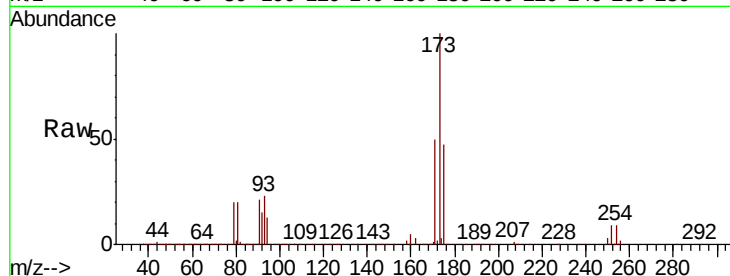
Tot Ion:173 Resp: 118334

Ion Ratio Lower Upper

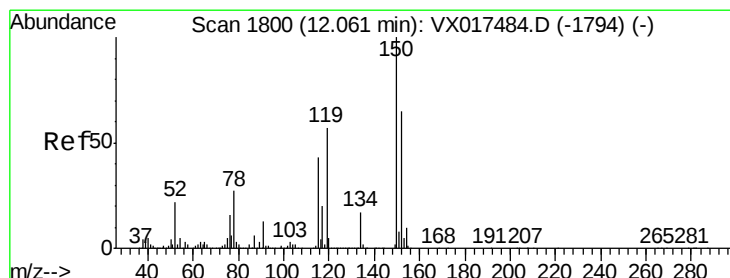
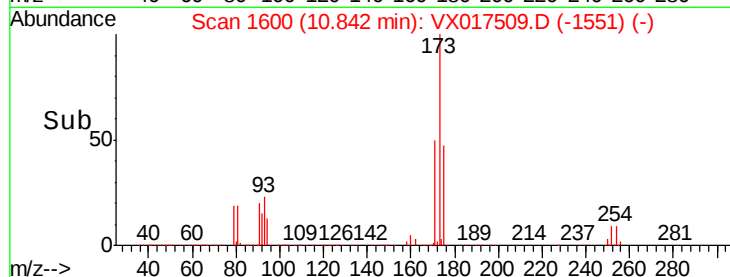
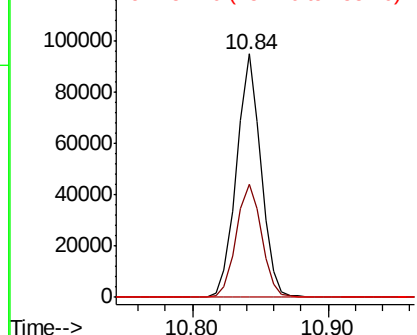
173 100

175 48.6 23.8 71.5

254 0.2 0.1 0.1#



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: VX017509.D

Acq: 23 Jul 2020 22:49

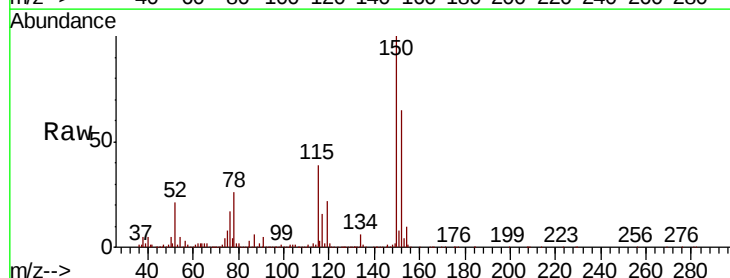
Tgt Ion:152 Resp: 502623

Ion Ratio Lower Upper

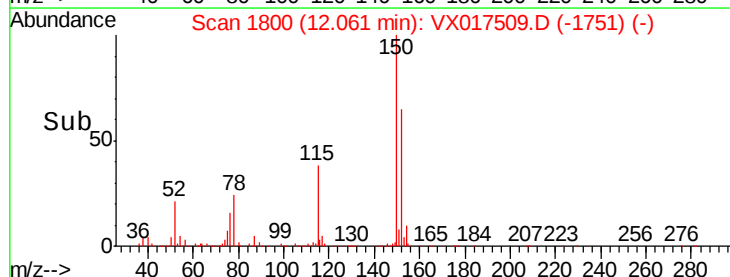
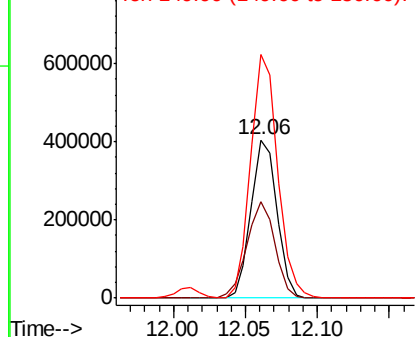
152 100

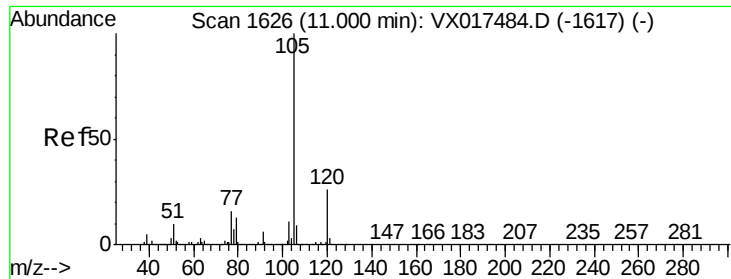
115 65.6 65.5 196.6

150 160.2 0.0 412.6



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: 17.713 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

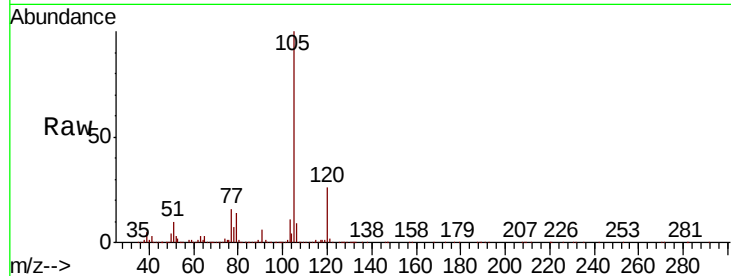
VX0723WBSD02

Tot Ion:105 Resp: 610773

Ion Ratio Lower Upper

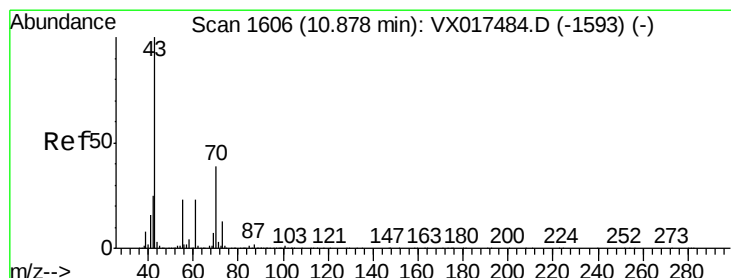
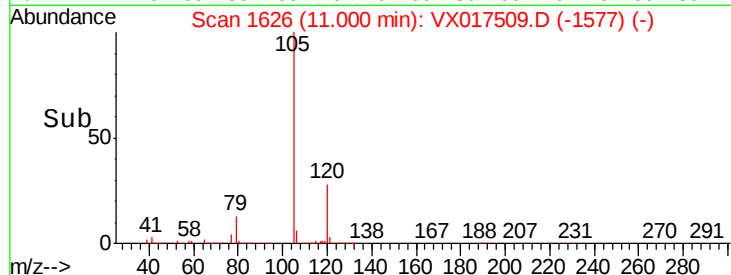
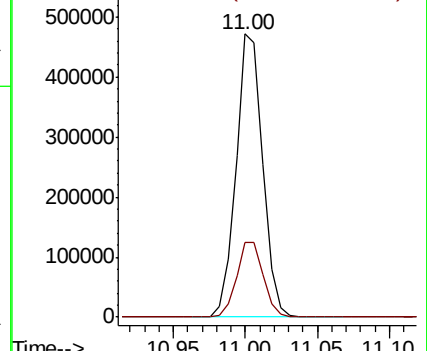
105 100

120 26.6 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.995 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Tgt Ion: 43 Resp: 275688

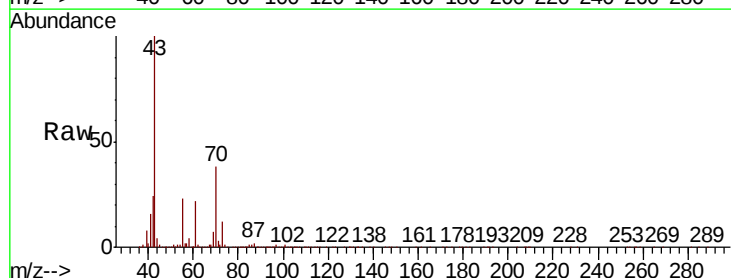
Ion Ratio Lower Upper

43 100

70 39.5 32.3 48.5

55 24.4 18.4 27.6

61 23.8 18.6 28.0

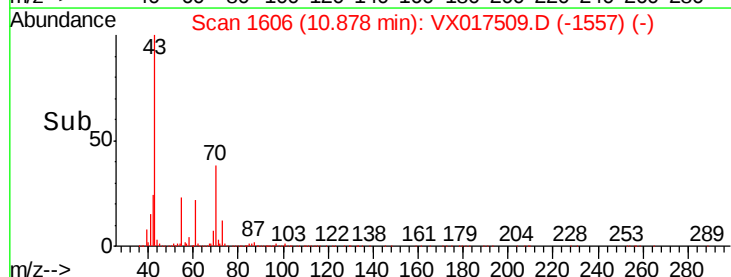
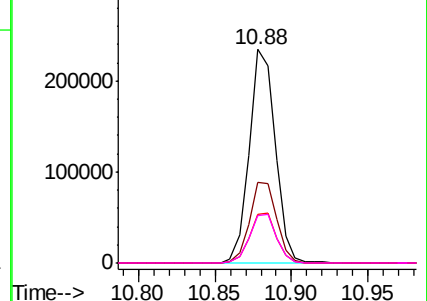


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.137 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD02

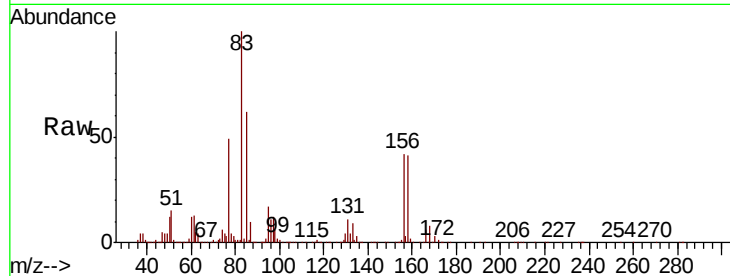
Tot Ion: 83 Resp: 184443

Ion Ratio Lower Upper

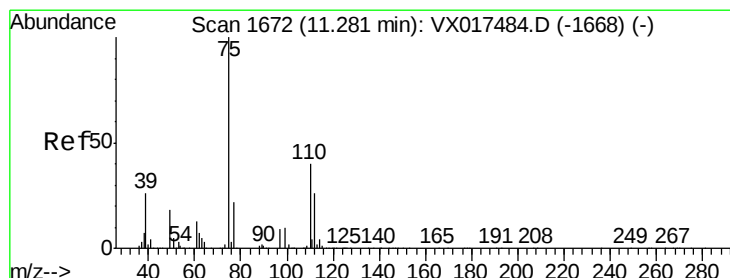
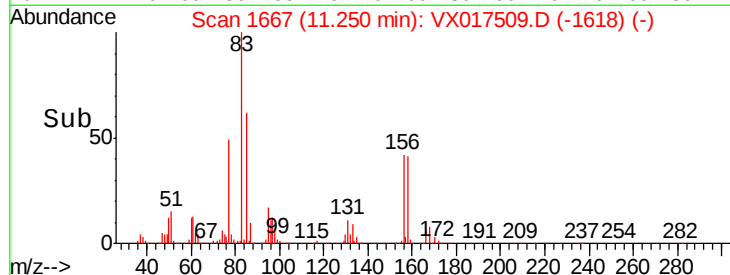
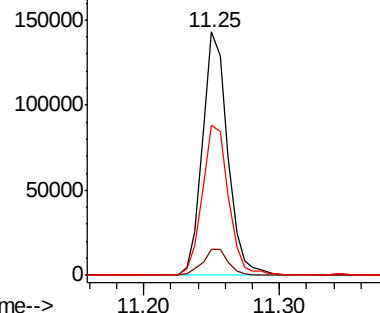
83 100

131 11.1 5.5 16.5

85 64.6 32.1 96.3



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



#76

1,2,3-Trichloropropane

Concen: 22.518 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017509.D

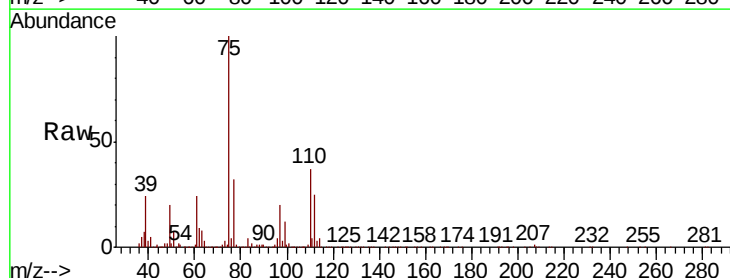
Acq: 23 Jul 2020 22:49

Tgt Ion: 75 Resp: 232820

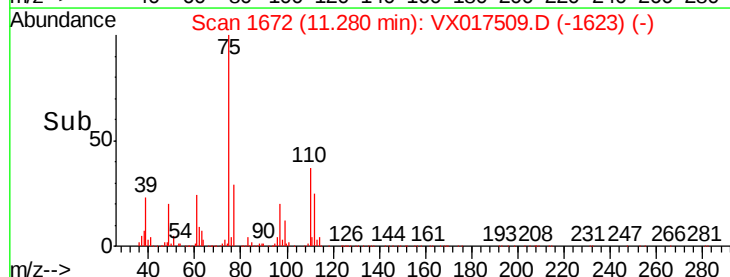
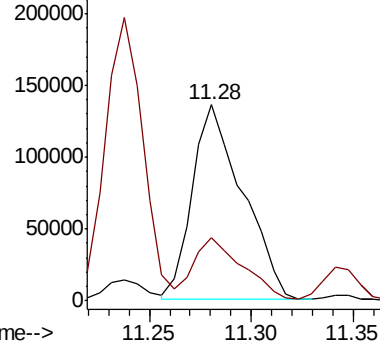
Ion Ratio Lower Upper

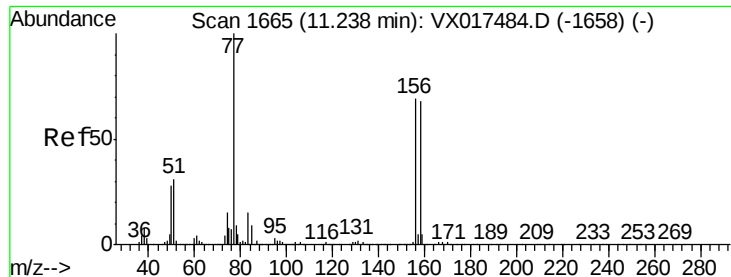
75 100

77 31.9 21.8 65.3



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





#77

Bromobenzene

Concen: 17.352 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD02

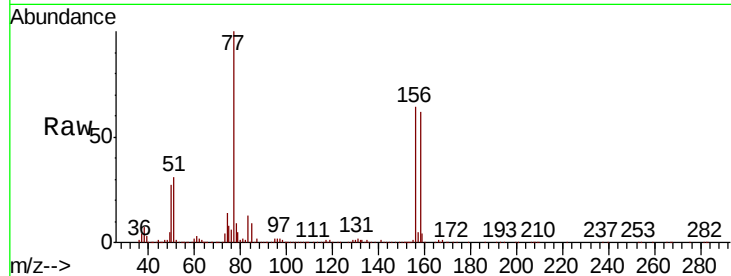
Tot Ion:156 Resp: 167497

Ion Ratio Lower Upper

156 100

77 152.9 75.0 225.0

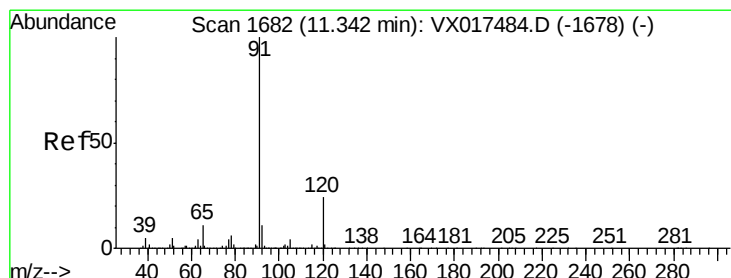
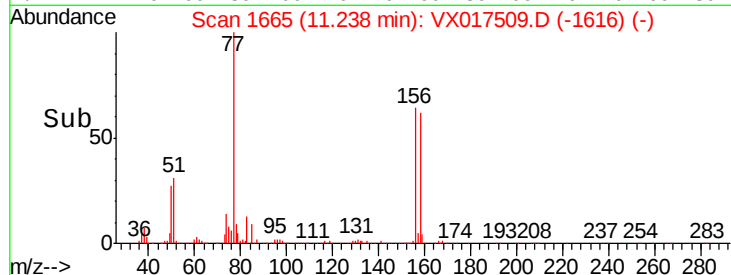
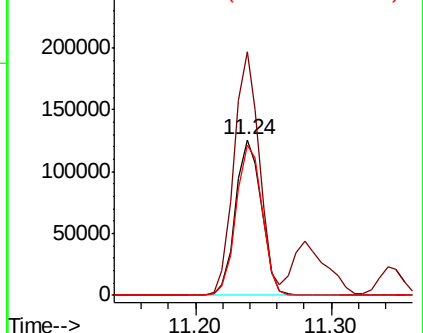
158 97.1 49.1 147.3



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: 17.861 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017509.D

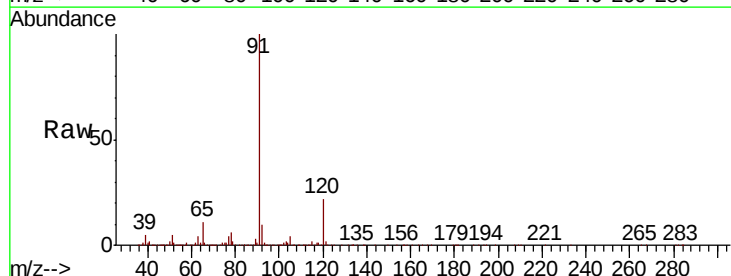
Acq: 23 Jul 2020 22:49

Tgt Ion: 91 Resp: 694583

Ion Ratio Lower Upper

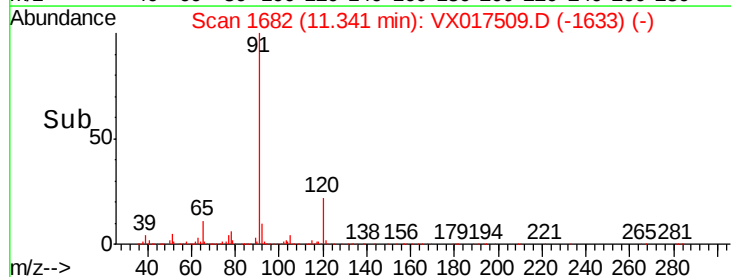
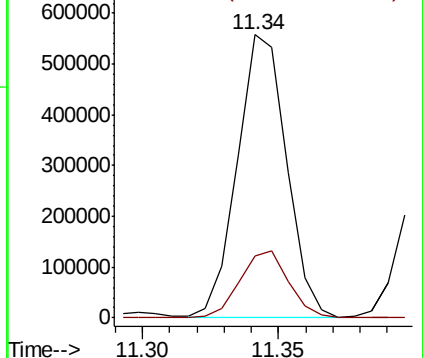
91 100

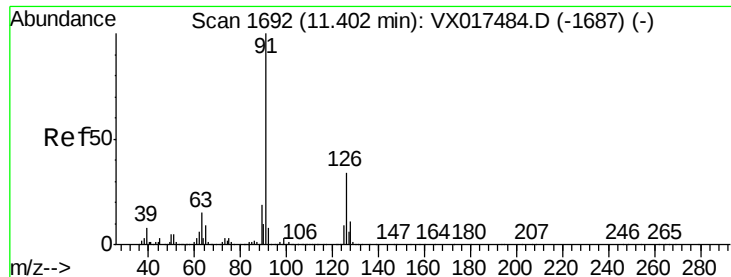
120 23.6 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

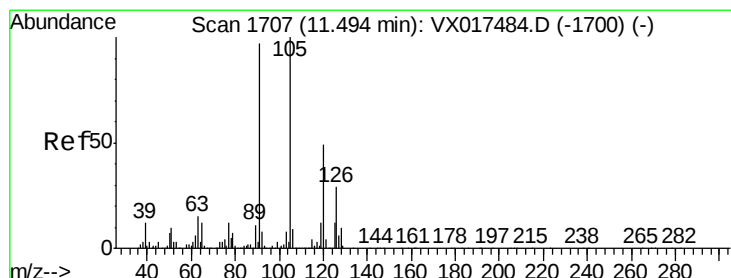
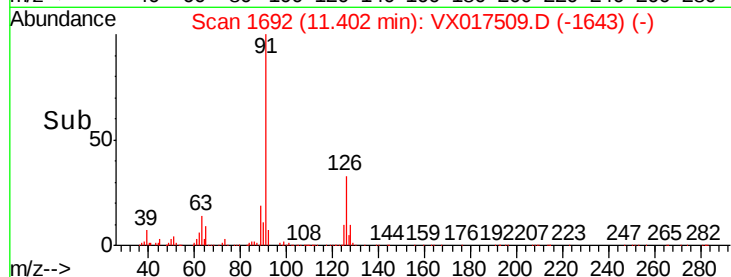
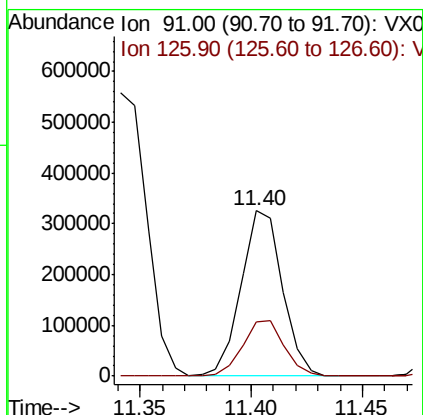
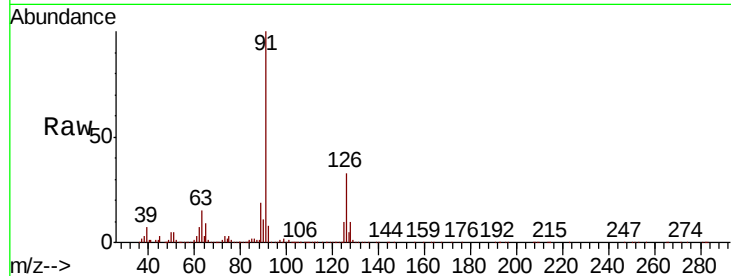




#79
2-Chlorotoluene
Concen: 17.493 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

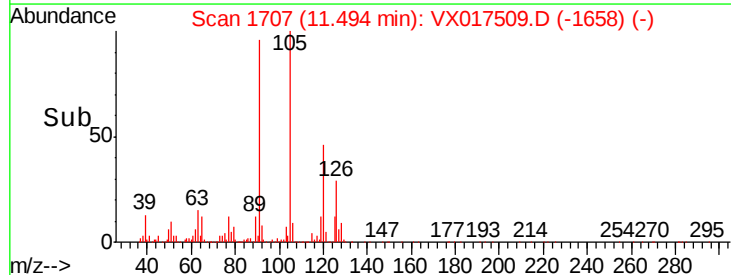
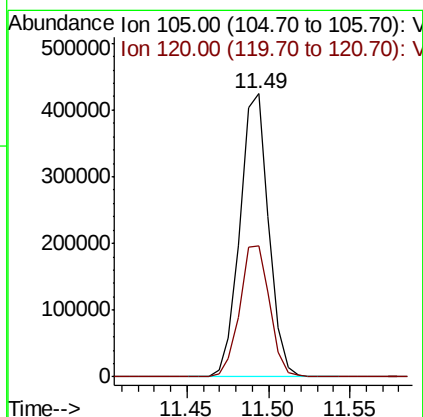
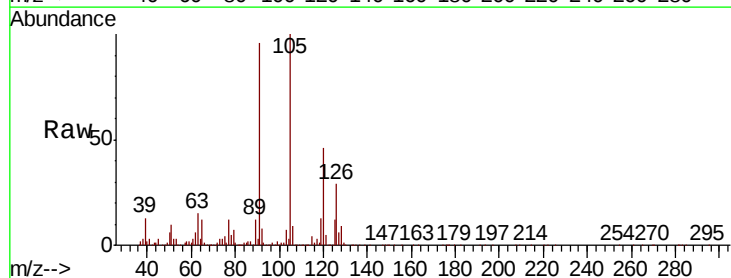
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD02

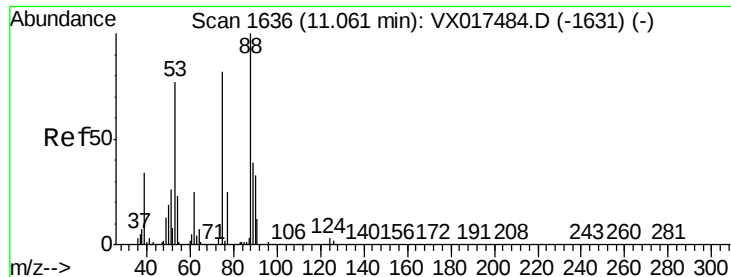
Tot Ion: 91 Resp: 421420
Ion Ratio Lower Upper
91 100
126 34.1 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 17.663 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Tgt Ion: 105 Resp: 520000
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 15.610 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD02

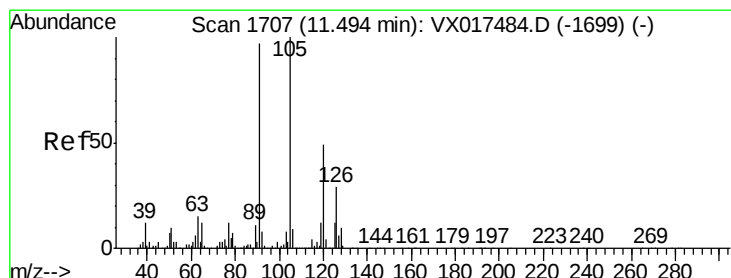
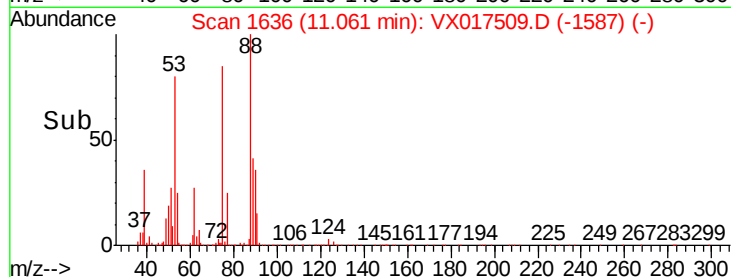
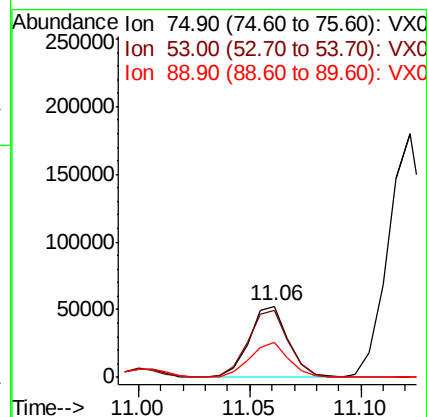
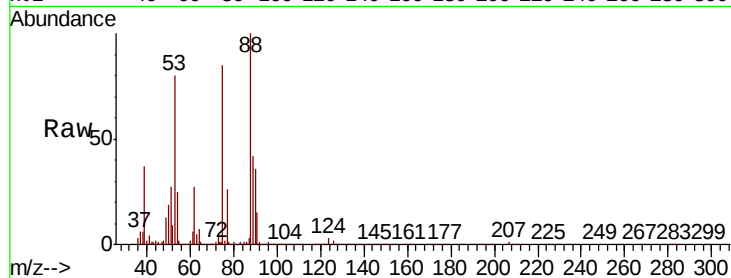
Tot Ion: 75 Resp: 64051

Ion Ratio Lower Upper

75 100

53 98.8 75.9 113.9

89 50.1 37.8 56.6



#82

4-Chlorotoluene

Concen: 17.358 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017509.D

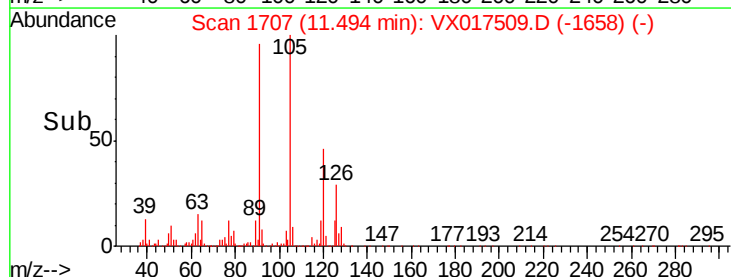
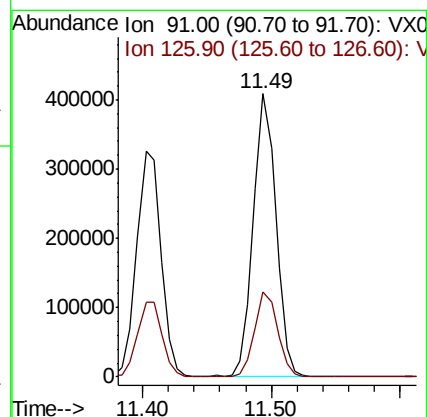
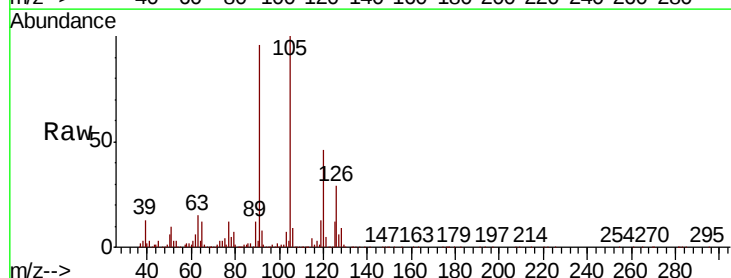
Acq: 23 Jul 2020 22:49

Tgt Ion: 91 Resp: 493257

Ion Ratio Lower Upper

91 100

126 30.6 15.2 45.6

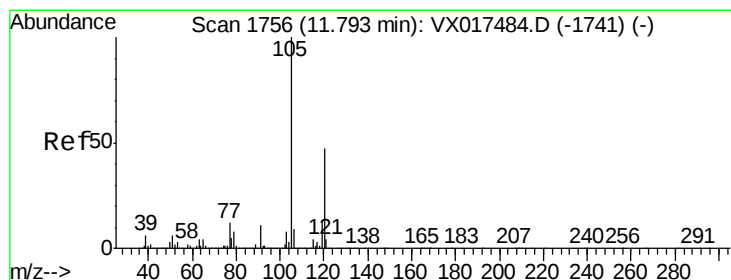
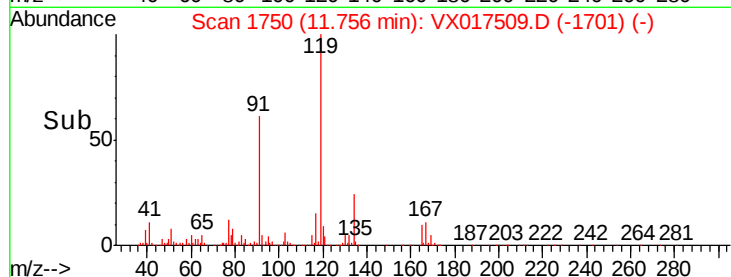
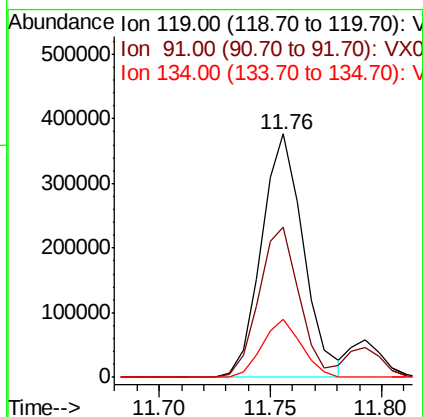
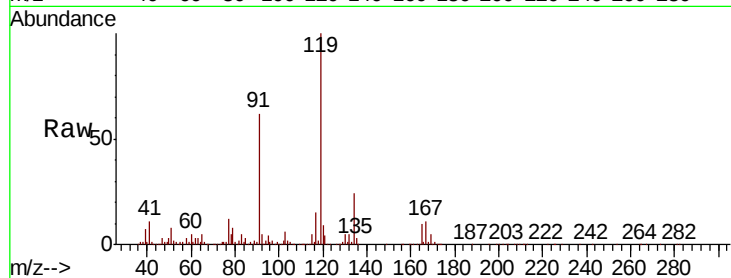




#83
tert-Butylbenzene
Concen: 17.507 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

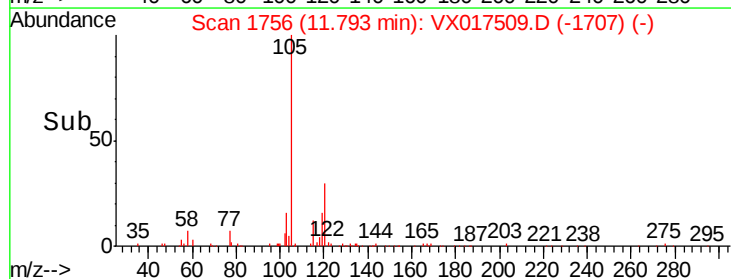
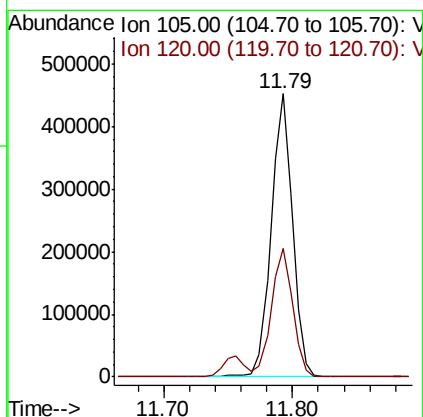
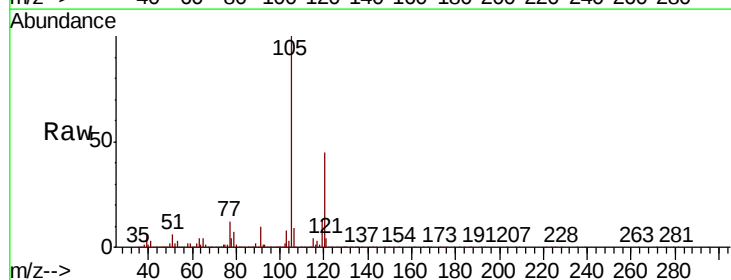
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD02

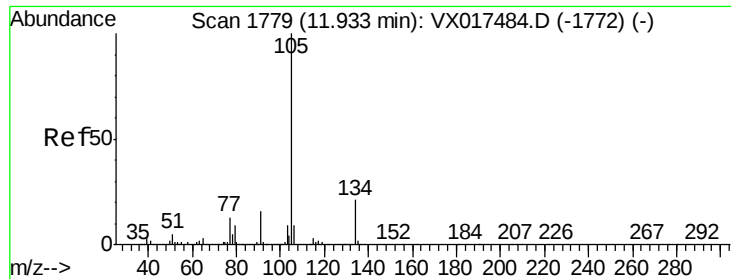
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.8	29.3	88.0
134	22.7	11.2	33.6



#84
1,2,4-Trimethylbenzene
Concen: 17.907 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.7	68.0

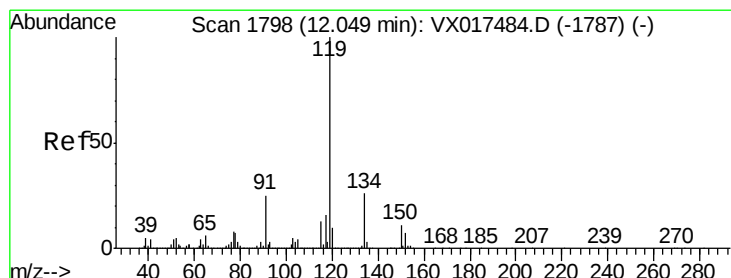
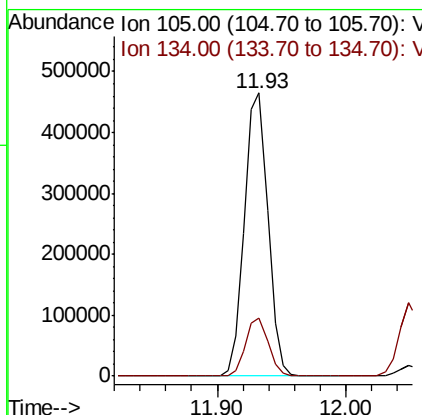
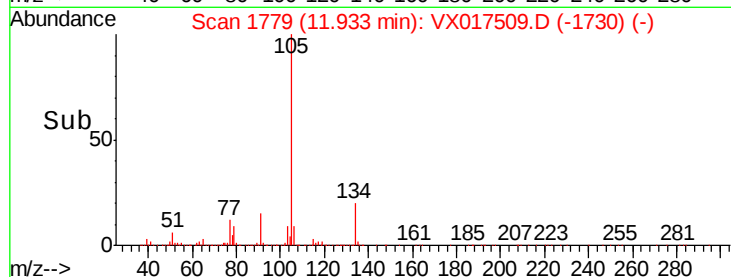
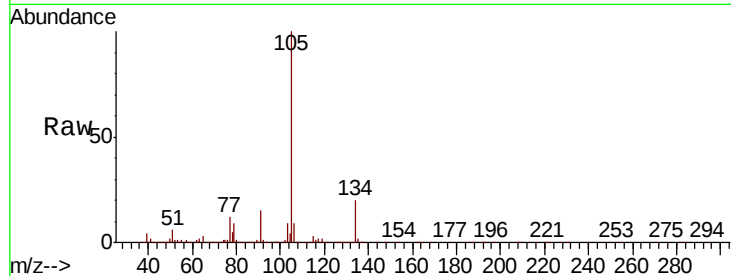




#85
 sec-Butylbenzene
 Concen: 17.751 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017509.D
 Acq: 23 Jul 2020 22:49

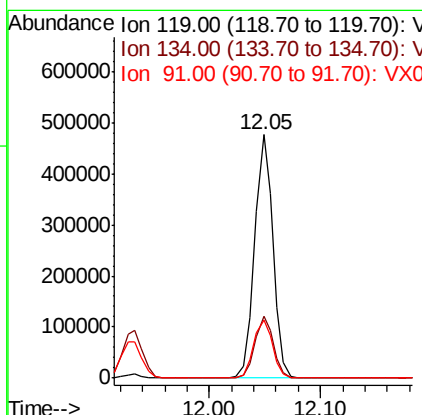
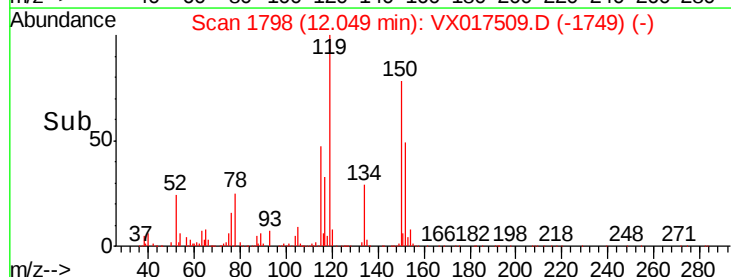
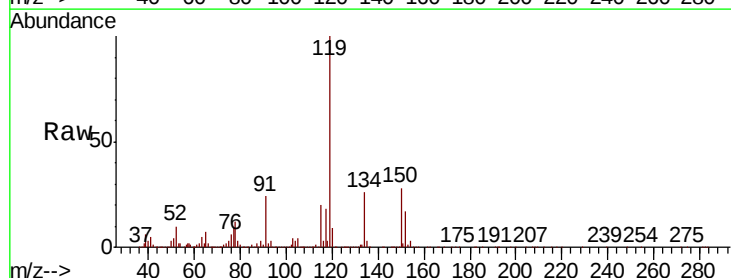
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0723WBSD02

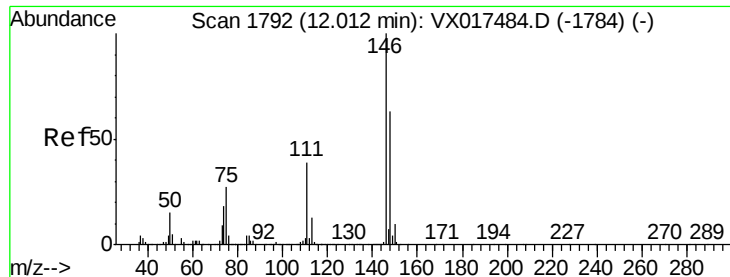
Tot Ion:105 Resp: 582515
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 17.483 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017509.D
 Acq: 23 Jul 2020 22:49

Tgt Ion:119 Resp: 546352
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.1 39.3
 91 24.5 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 17.207 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD02

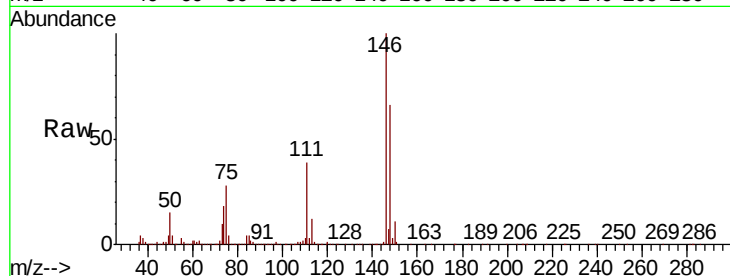
Tot Ion:146 Resp: 285232

Ion Ratio Lower Upper

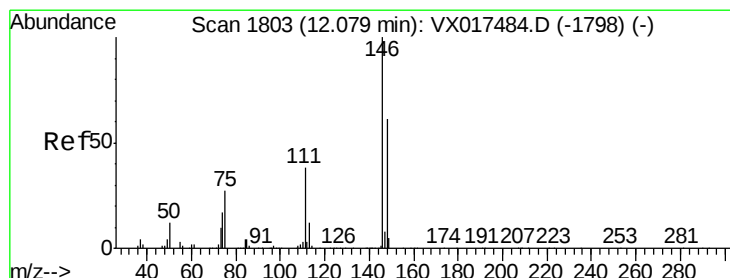
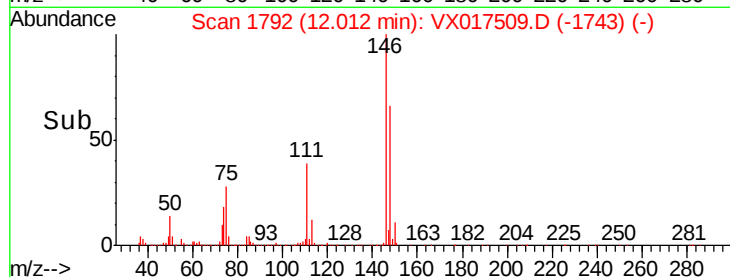
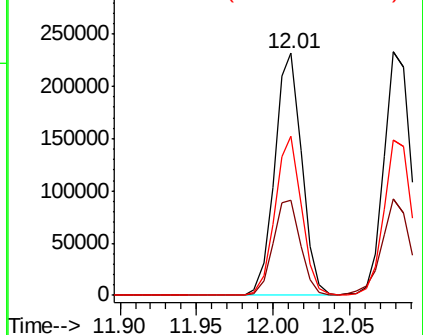
146 100

111 39.8 19.9 59.7

148 64.0 31.6 95.0



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



#88

1,4-Dichlorobenzene

Concen: 16.668 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

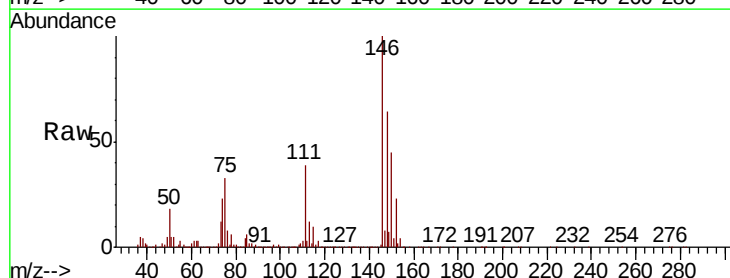
Tgt Ion:146 Resp: 286191

Ion Ratio Lower Upper

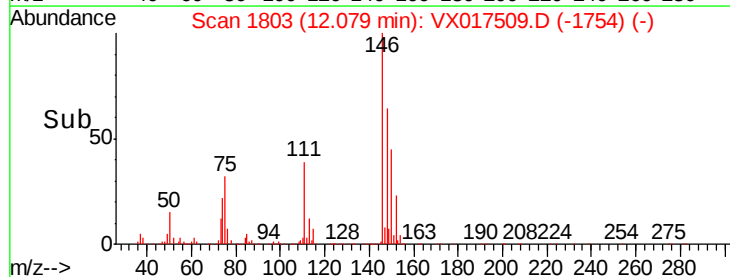
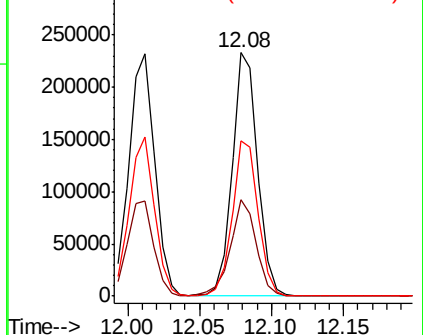
146 100

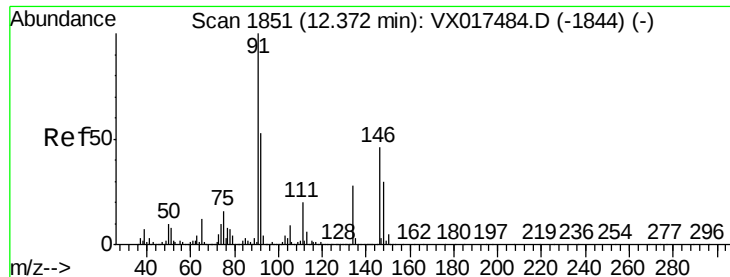
111 40.9 19.3 57.8

148 65.6 32.2 96.6



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

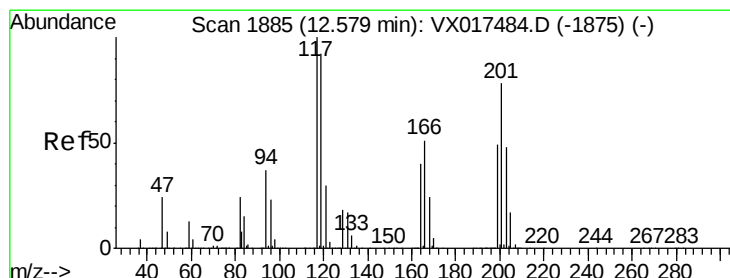
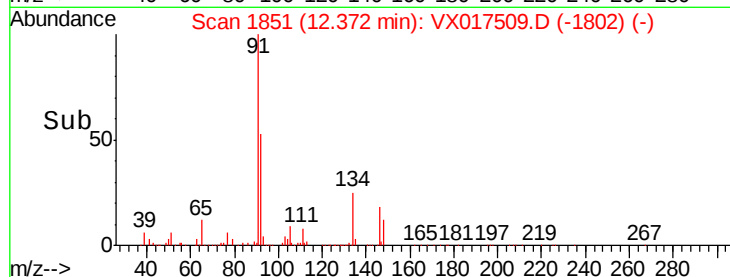
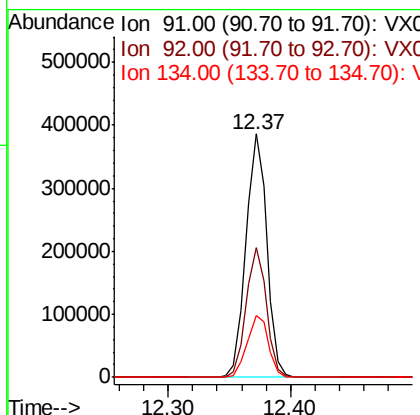
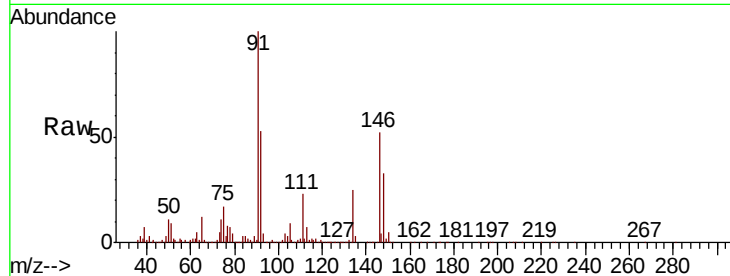




#89
n-Butylbenzene
Concen: 16.404 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

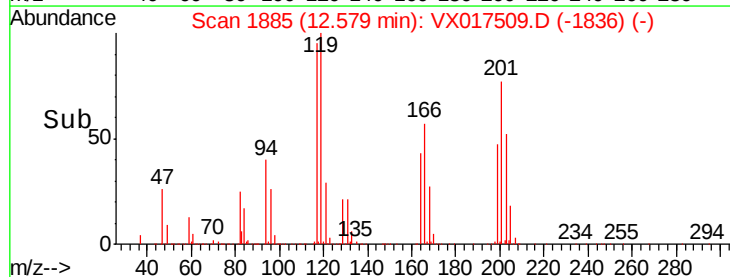
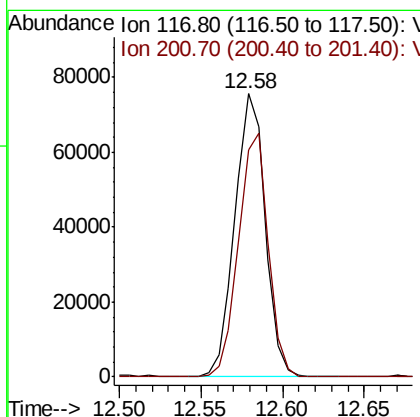
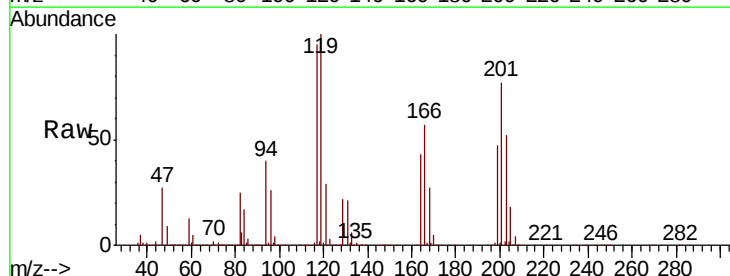
Instrument :
MSVOA_X
ClientSampleID :
VX0723WBSD02

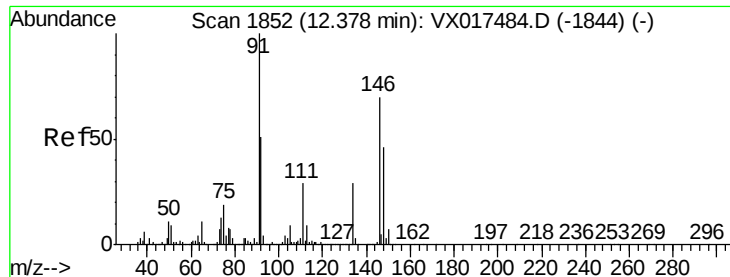
Tot Ion: 91 Resp: 456781
Ion Ratio Lower Upper
91 100
92 51.8 26.7 80.1
134 26.1 13.6 40.7



#90
Hexachloroethane
Concen: 15.985 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Tgt Ion: 117 Resp: 98485
Ion Ratio Lower Upper
117 100
201 84.2 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 16.861 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD02

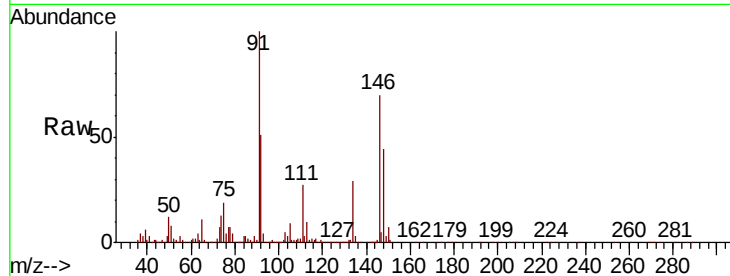
Tot Ion:146 Resp: 274694

Ion Ratio Lower Upper

146 100

111 41.2 20.9 62.8

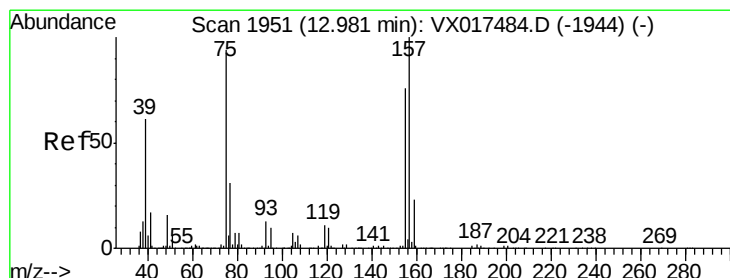
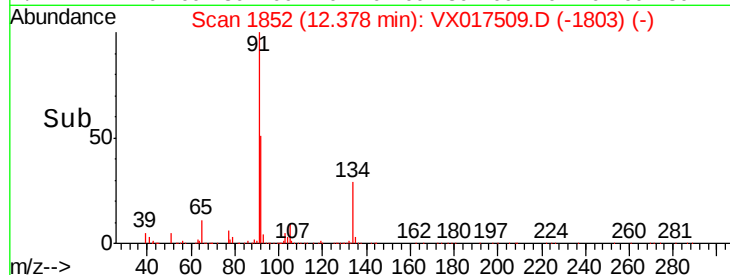
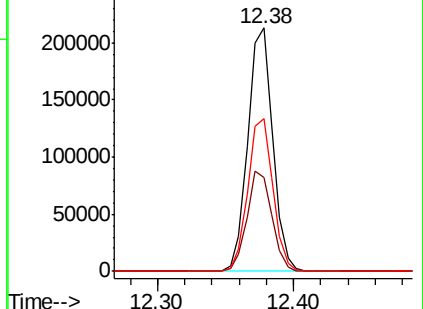
148 63.0 32.8 98.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.344 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

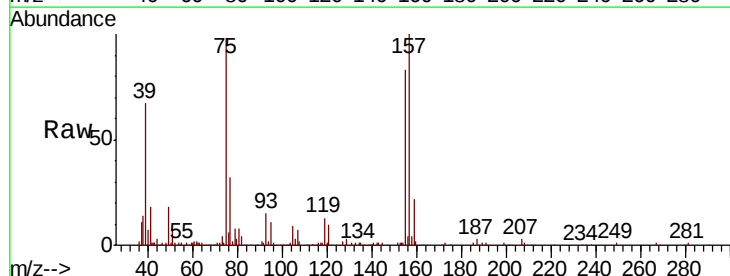
Tgt Ion: 75 Resp: 47391

Ion Ratio Lower Upper

75 100

155 87.6 42.3 126.8

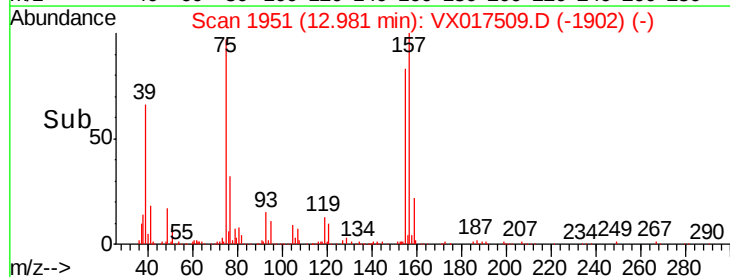
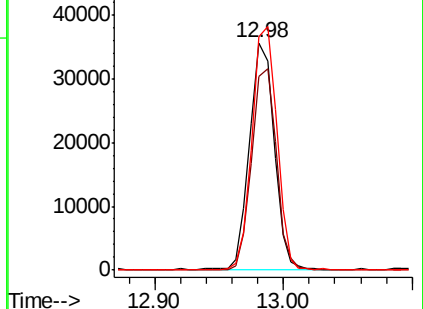
157 106.3 54.3 162.9

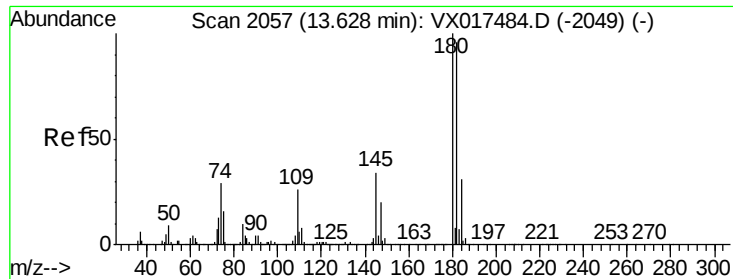


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

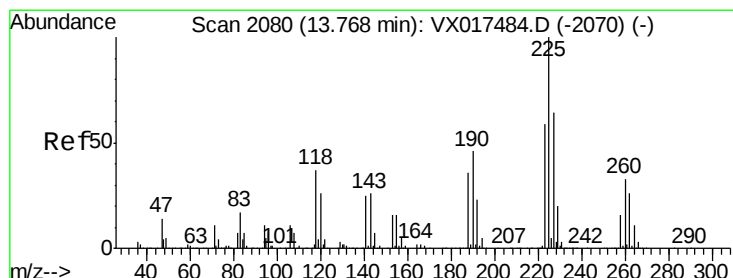
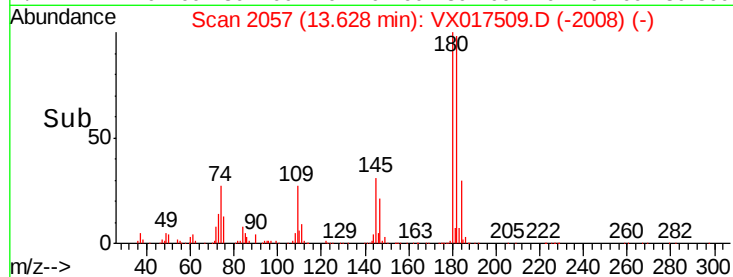
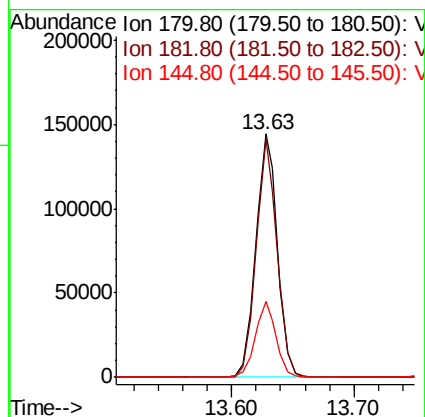
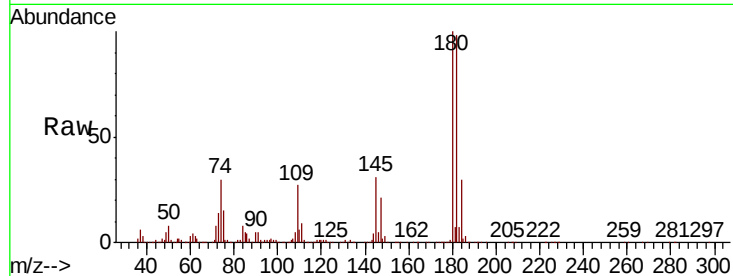




#93
 1,2,4-Trichlorobenzene
 Concen: 15.992 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017509.D
 Acq: 23 Jul 2020 22:49

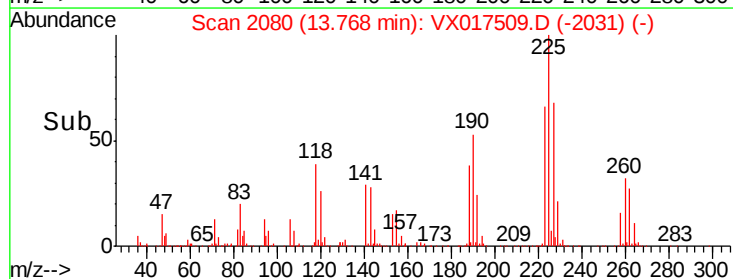
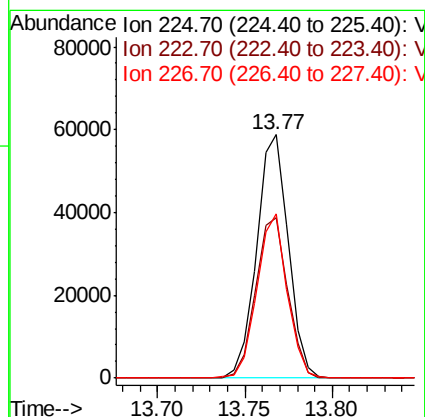
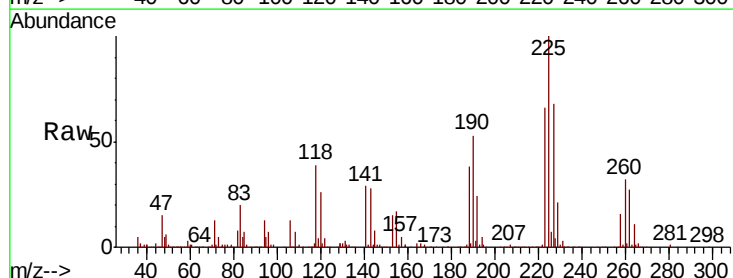
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD02

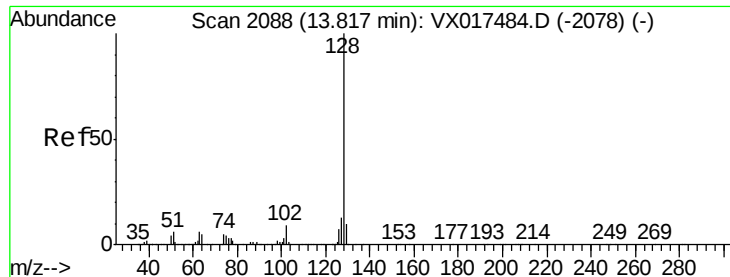
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.5	142.6
145	29.8	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 14.415 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017509.D
 Acq: 23 Jul 2020 22:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.0	30.3	90.9
227	64.4	31.1	93.2





#95

Naphthalene

Concen: 16.425 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD02

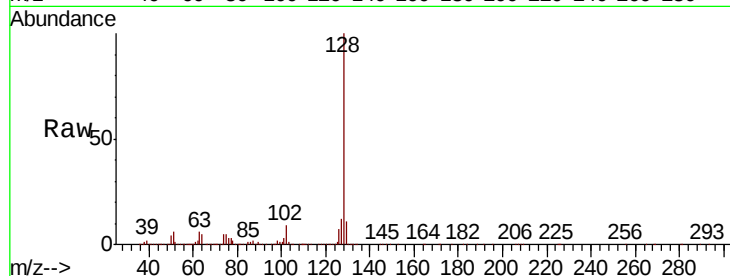
Tot Ion:128 Resp: 545202

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

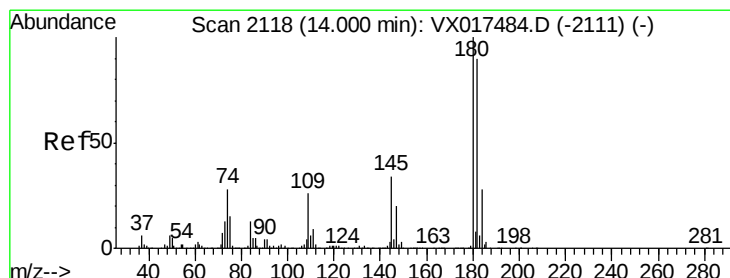
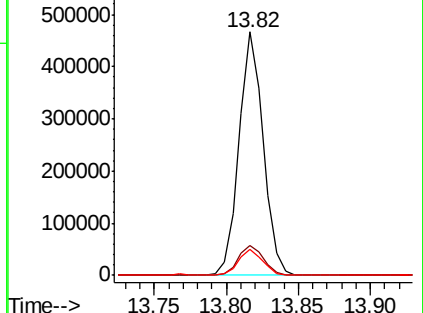
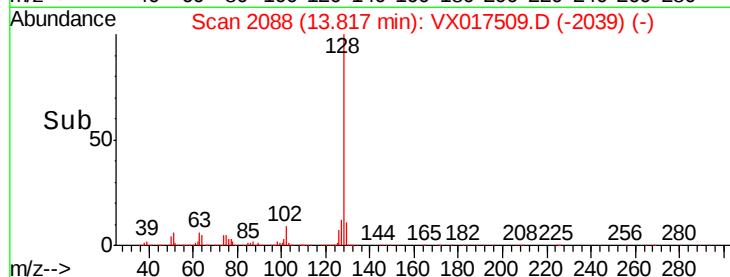
129 10.8 8.9 13.3



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: 16.089 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

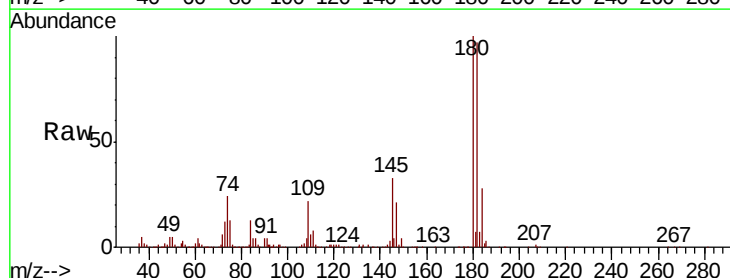
Tgt Ion:180 Resp: 176635

Ion Ratio Lower Upper

180 100

182 96.0 47.4 142.3

145 33.1 16.3 48.9



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

