

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082720\
 Data File : VX018091.D
 Acq On : 27 Aug 2020 15:09
 Operator : JC/SP
 Sample : VX0827MBS01
 Misc : 5.0µ/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827MBS01

Quant Time: Aug 28 03:02:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	519046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	797043	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	763238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	397533	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	360965	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	
35) Dibromofluoromethane	5.46	113	281791	51.91	ug/l	0.00
Spiked Amount			Recovery	=	103.82%	
50) Toluene-d8	8.70	98	1010609	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	11.12	95	397039	49.91	ug/l	0.00
Spiked Amount			Recovery	=	99.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	125891	19.921	ug/l	97
3) Chloromethane	1.32	50	120465	18.081	ug/l	96
4) Vinyl Chloride	1.39	62	117500	17.716	ug/l	97
5) Bromomethane	1.63	94	76383	23.877	ug/l	93
6) Chloroethane	1.71	64	68111	19.121	ug/l	94
7) Trichlorofluoromethane	1.92	101	196237	21.699	ug/l	99
8) Diethyl Ether	2.17	74	57565	18.770	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	101587	20.778	ug/l	98
10) Methyl Iodide	2.49	142	95068	21.539	ug/l	95
11) Tert butyl alcohol	3.02	59	123390	88.070	ug/l	99
12) 1,1-Dichloroethene	2.36	96	94311	18.593	ug/l	92
13) Acrolein	2.28	56	43434	74.766	ug/l	97
14) Allyl chloride	2.71	41	166424	18.262	ug/l	96
15) Acrylonitrile	3.12	53	286363	90.105	ug/l	99
16) Acetone	2.42	43	250716	89.293	ug/l	95
17) Carbon Disulfide	2.55	76	274935	17.930	ug/l	99
18) Methyl Acetate	2.75	43	129753	19.150	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	324076	18.630	ug/l	97
20) Methylene Chloride	2.84	84	118488	19.937	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	102828	18.298	ug/l	91
22) Diisopropyl ether	3.83	45	336210	18.692	ug/l	98
23) Vinyl Acetate	3.79	43	1503212	93.923	ug/l	100
24) 1,1-Dichloroethane	3.67	63	190489	18.605	ug/l	96
25) 2-Butanone	4.64	43	408148	88.450	ug/l	100
26) 2,2-Dichloropropane	4.56	77	170104	20.419	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	115578	17.850	ug/l	99
28) Bromochloromethane	4.99	49	96598	19.546	ug/l	97
29) Tetrahydrofuran	5.10	42	260280	88.606	ug/l	98
30) Chloroform	5.18	83	200457	18.908	ug/l	96
31) Cyclohexane	5.55	56	154195	17.878	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	190053	19.534	ug/l	99
36) 1,1-Dichloropropene	5.77	75	144660	19.678	ug/l	99
37) Ethyl Acetate	4.79	43	160270	18.771	ug/l	98
38) Carbon Tetrachloride	5.75	117	176740	21.333	ug/l	99

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 ClientSampleId :
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	154398	19.207	ug/l	97
40) Benzene	6.12	78	418379	19.368	ug/l	98
41) Methacrylonitrile	5.01	41	86992	18.556	ug/l	98
42) 1,2-Dichloroethane	6.17	62	169122	20.434	ug/l	98
43) Isopropyl Acetate	6.42	43	248285	18.004	ug/l	98
44) Trichloroethene	7.19	130	121784	19.952	ug/l	94
45) 1,2-Dichloropropane	7.49	63	111875	19.216	ug/l	98
46) Dibromomethane	7.64	93	78595	19.197	ug/l	98
47) Bromodichloromethane	7.88	83	165606	20.258	ug/l	98
48) Methyl methacrylate	7.75	41	121054	17.633	ug/l	97
49) 1,4-Dioxane	7.71	88	47895	385.137	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	798002	93.675	ug/l	100
52) Toluene	8.77	92	270675	19.761	ug/l	96
53) t-1,3-Dichloropropene	9.02	75	174930	19.308	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	188970	19.689	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	115047	19.693	ug/l	96
56) Ethyl methacrylate	9.16	69	154909	17.837	ug/l	99
57) 1,3-Dichloropropane	9.35	76	185409	19.243	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	349722	89.518	ug/l	99
59) 2-Hexanone	9.48	43	624714	96.442	ug/l	98
60) Dibromochloromethane	9.56	129	138553	20.218	ug/l	100
61) 1,2-Dibromoethane	9.65	107	123196	19.424	ug/l	99
64) Tetrachloroethene	9.32	164	117013	20.863	ug/l	94
65) Chlorobenzene	10.12	112	297245	19.500	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	119920	19.960	ug/l	97
67) Ethyl Benzene	10.24	91	507943	19.594	ug/l	98
68) m/p-Xylenes	10.34	106	392956	40.613	ug/l	98
69) o-Xylene	10.68	106	182792	19.488	ug/l	99
70) Styrene	10.70	104	325362	20.369	ug/l	100
71) Bromoform	10.84	173	105799	20.645	ug/l	99
73) Isopropylbenzene	11.01	105	508267	19.383	ug/l	100
74) N-amyl acetate	10.88	43	221702	17.820	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	163984	17.728	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	203357	22.996	ug/l	86
77) Bromobenzene	11.24	156	136885	18.885	ug/l	97
78) n-propylbenzene	11.34	91	581053	19.516	ug/l	99
79) 2-Chlorotoluene	11.40	91	356014	19.354	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	437580	20.307	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	60922	18.606	ug/l	92
82) 4-Chlorotoluene	11.49	91	431227	19.720	ug/l	99
83) tert-Butylbenzene	11.76	119	412395	19.393	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	445729	20.233	ug/l	99
85) sec-Butylbenzene	11.93	105	496043	20.513	ug/l	100
86) p-Isopropyltoluene	12.05	119	460107	20.713	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	243202	19.111	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	243685	19.125	ug/l	98
89) n-Butylbenzene	12.37	91	389729	19.223	ug/l	99
90) Hexachloroethane	12.58	117	93515	21.398	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	230385	19.232	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	41733	18.044	ug/l	98

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ClientSampleId :
VX0827MBS01

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Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

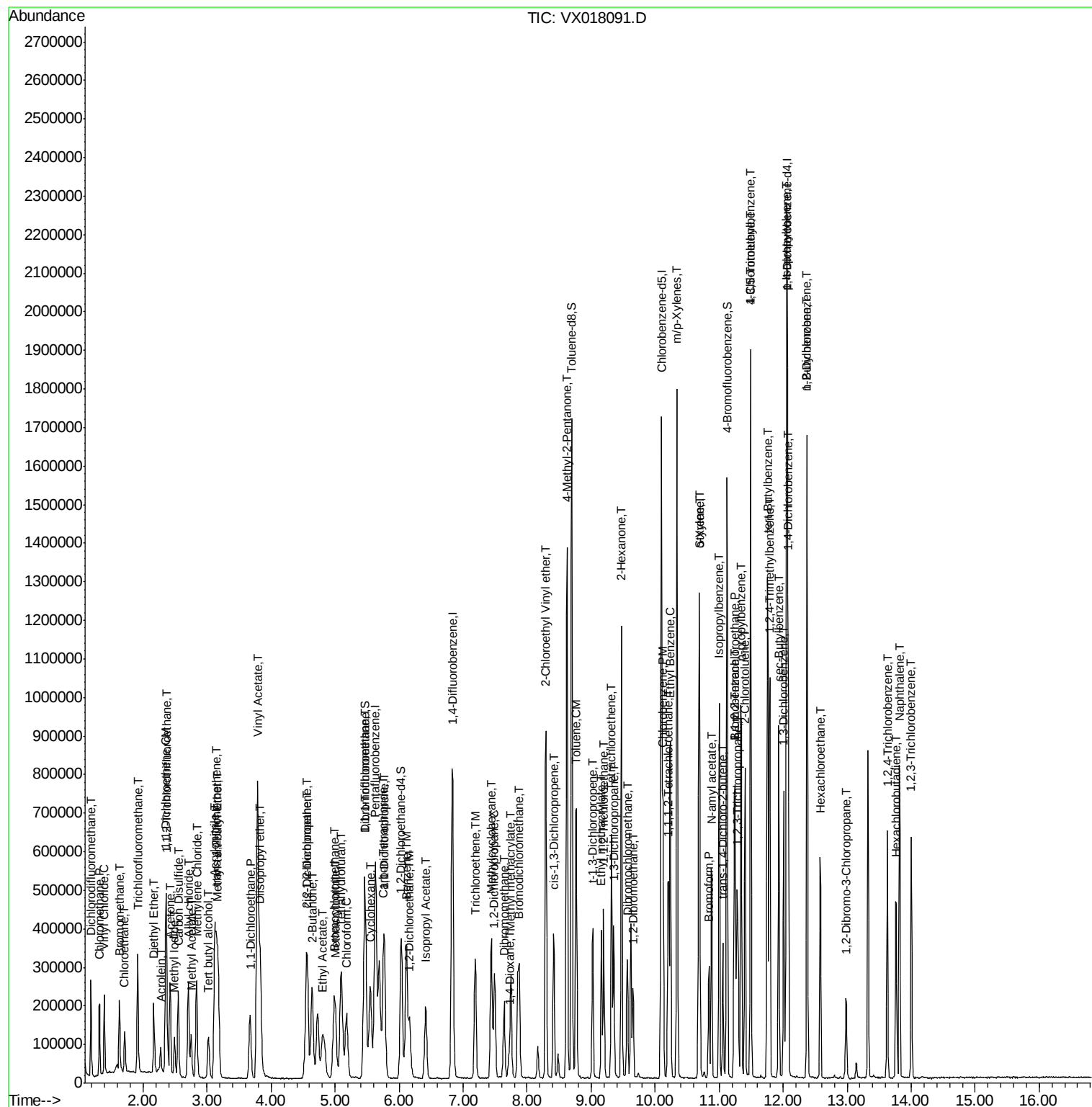
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	147880	18.513	ug/l	99
94) Hexachlorobutadiene	13.77	225	65517	20.794	ug/l	100
95) Naphthalene	13.82	128	472450	17.972	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	145908	18.486	ug/l	98

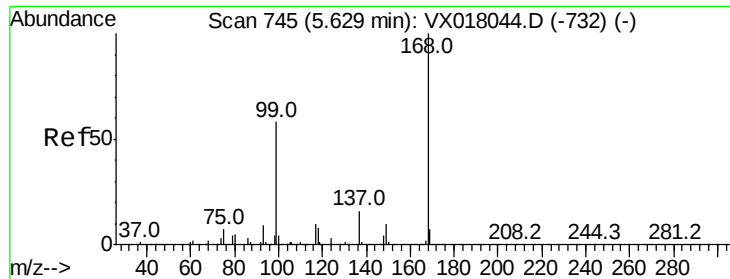
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082720\
Data File : VX018091.D
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Operator : JC/SP
Sample : VX0827MBS01
Misc : 5.0µL/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
Client Sampled :
VX0827MBS01

Quant Time: Aug 28 03:02:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

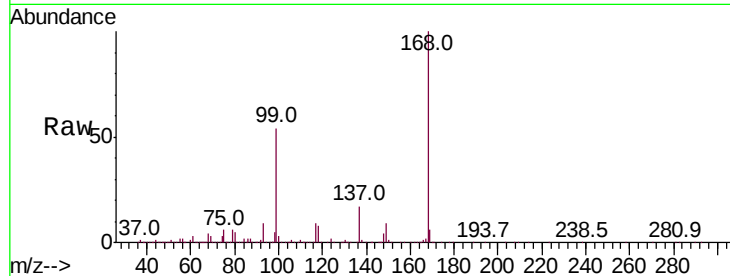
VX0827MBS01

Tot Ion:168 Resp: 519046

Ion Ratio Lower Upper

168 100

99 54.3 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

150000

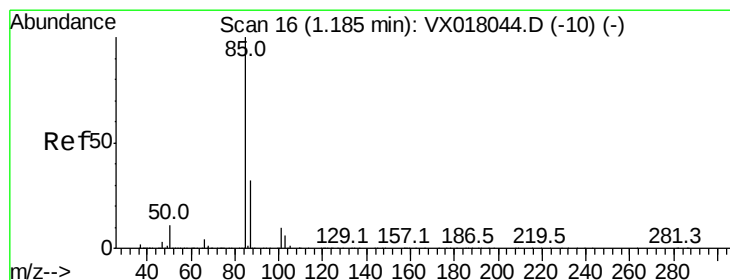
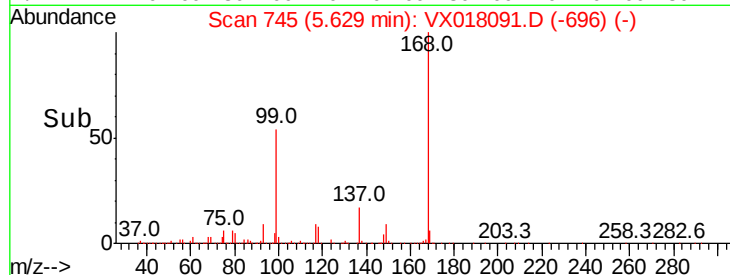
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.921 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018091.D

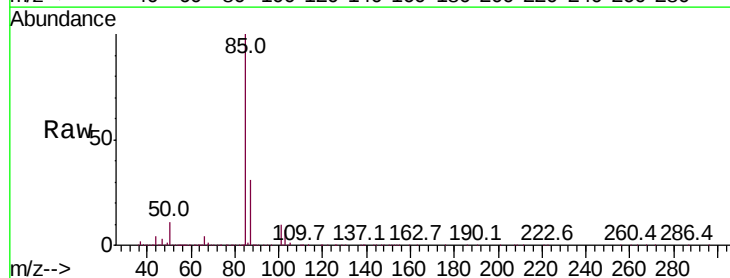
Acq: 27 Aug 2020 15:09

Tgt Ion: 85 Resp: 125891

Ion Ratio Lower Upper

85 100

87 30.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

150000

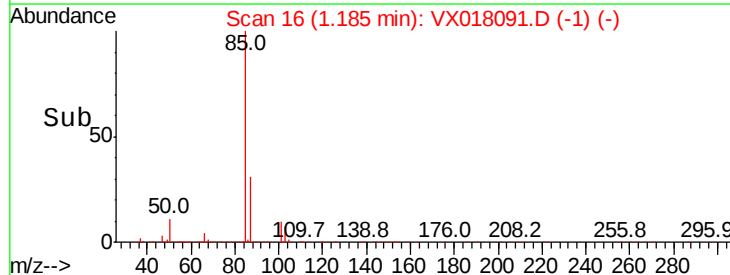
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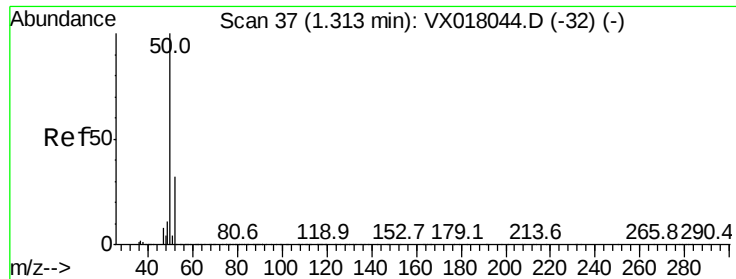
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.081 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

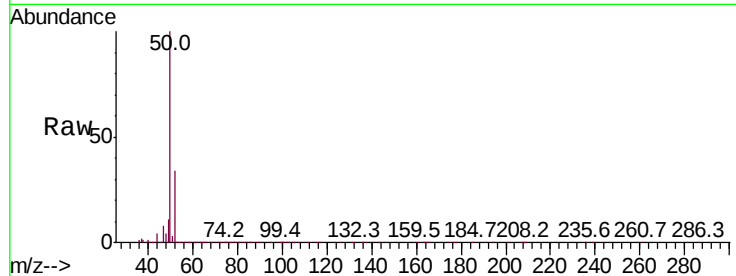
VX0827MBS01

Tot Ion: 50 Resp: 120465

Ion Ratio Lower Upper

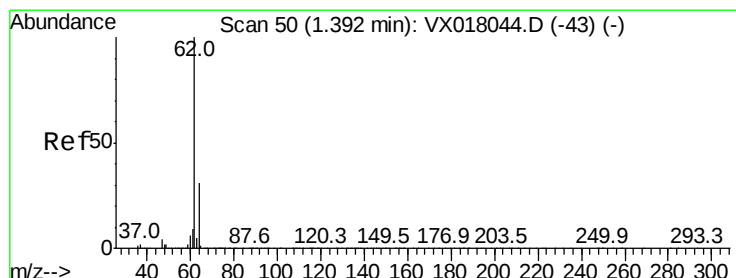
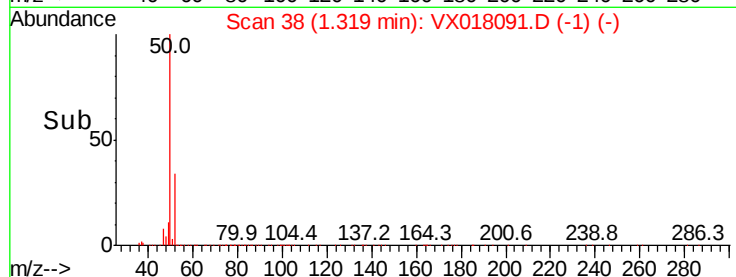
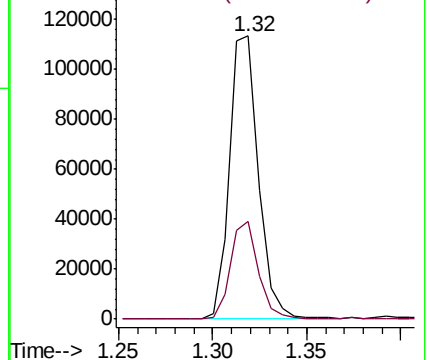
50 100

52 34.3 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.716 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018091.D

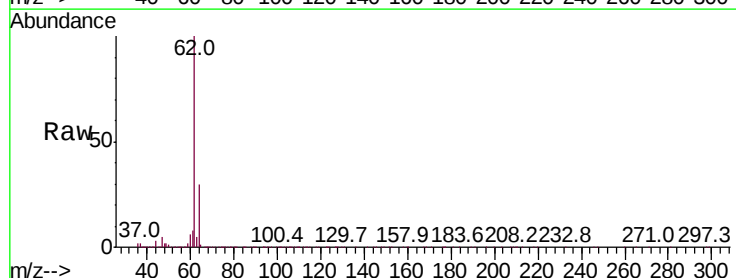
Acq: 27 Aug 2020 15:09

Tgt Ion: 62 Resp: 117500

Ion Ratio Lower Upper

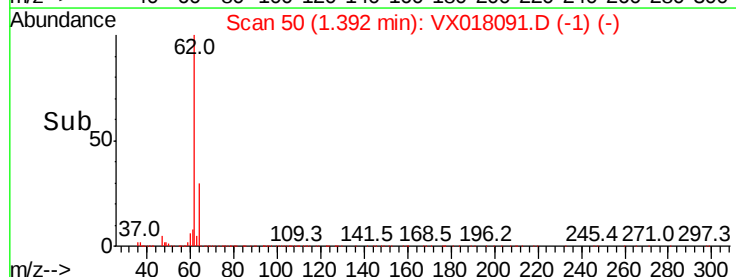
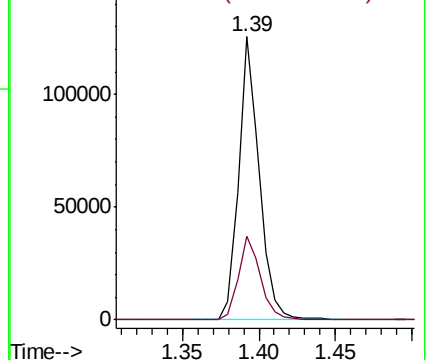
62 100

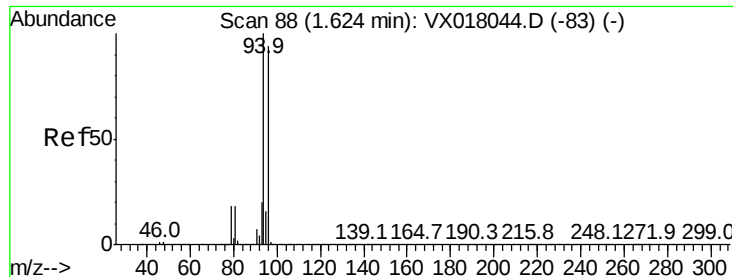
64 29.6 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 23.877 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

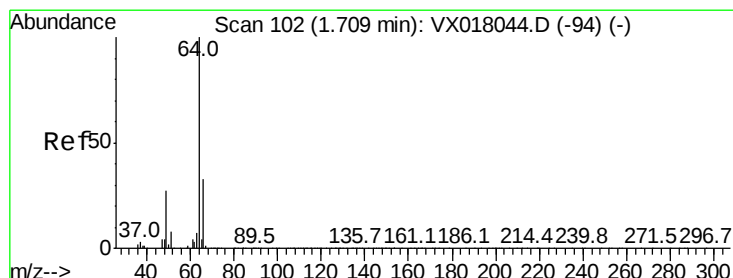
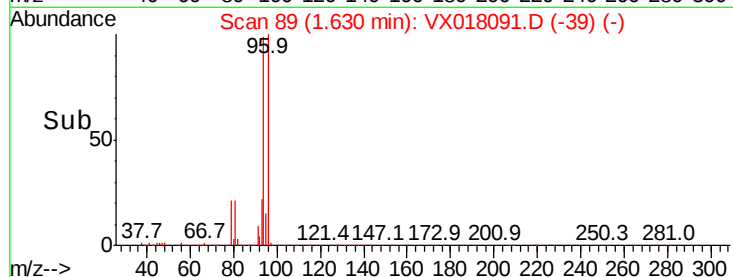
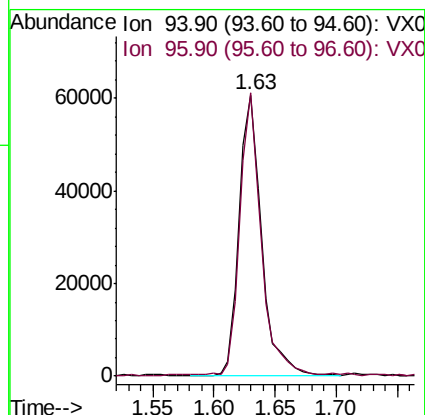
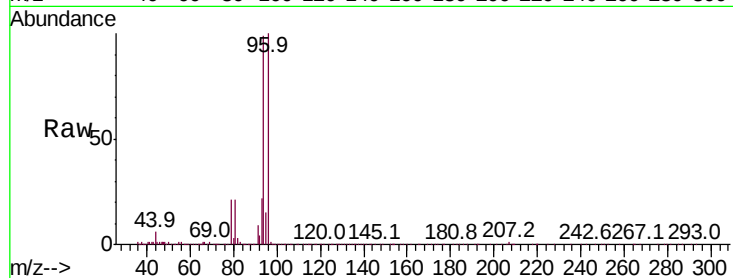
VX0827MBS01

Tot Ion: 94 Resp: 76383

Ion Ratio Lower Upper

94 100

96 100.1 74.8 112.2



#6

Chloroethane

Concen: 19.121 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018091.D

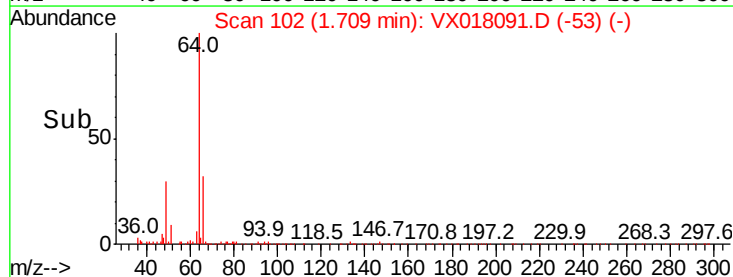
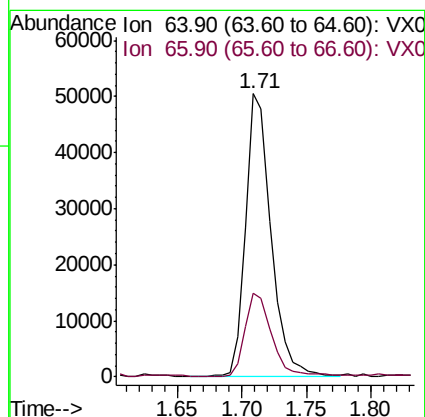
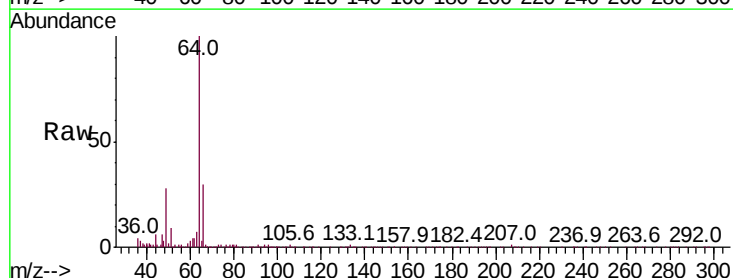
Acq: 27 Aug 2020 15:09

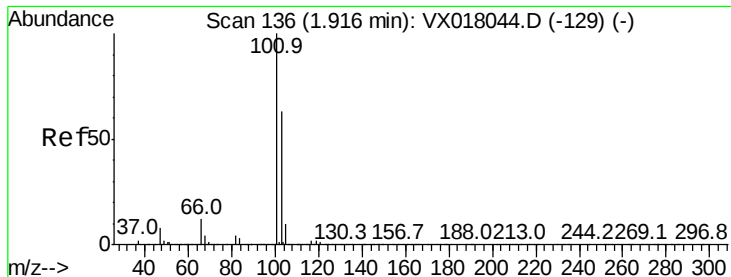
Tgt Ion: 64 Resp: 68111

Ion Ratio Lower Upper

64 100

66 29.9 26.6 39.8



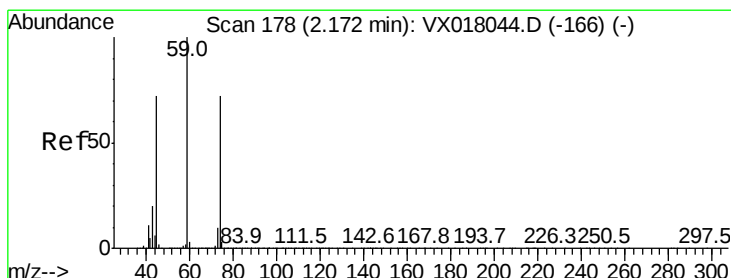
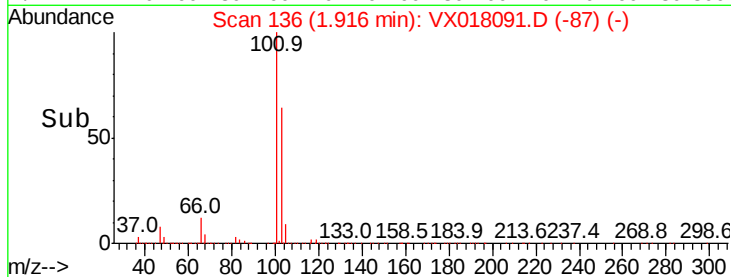
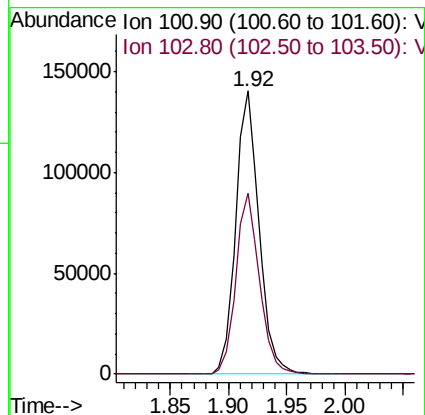
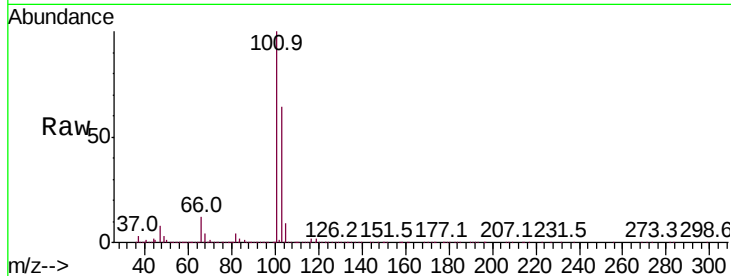


#7

Trichlorofluoromethane
Concen: 21.699 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018091.D
Acq: 27 Aug 2020 15:09

Instrument :
MSVOA_X
ClientSampleId :
VX0827MBS01

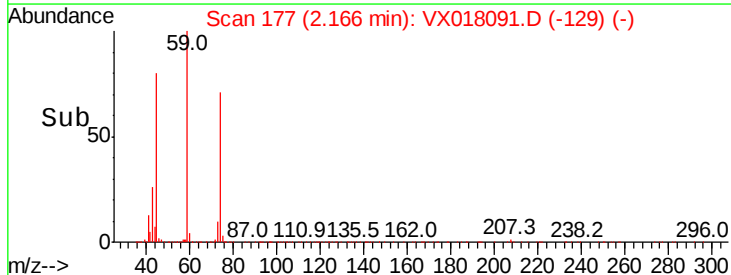
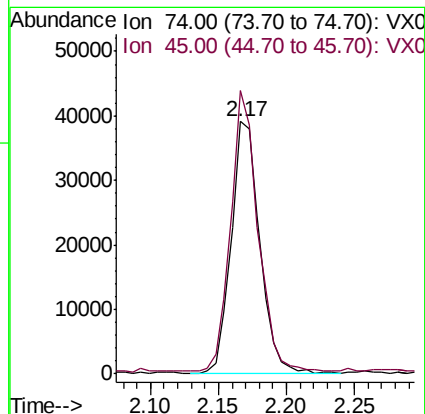
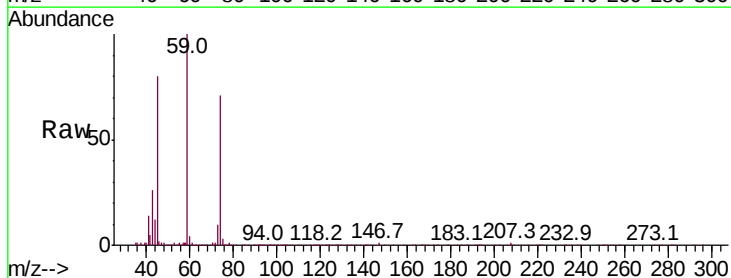
Tot Ion:101 Resp: 196237
Ion Ratio Lower Upper
101 100
103 64.0 50.7 76.1

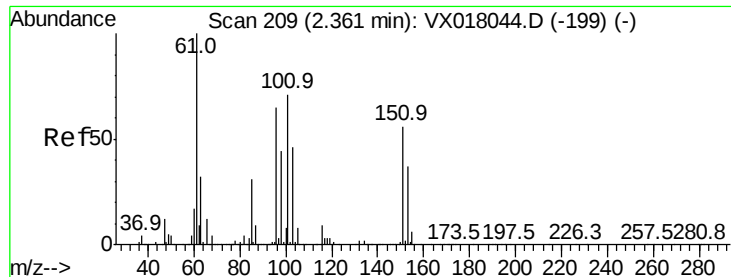


#8

Diethyl Ether
Concen: 18.770 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018091.D
Acq: 27 Aug 2020 15:09

Tgt Ion: 74 Resp: 57565
Ion Ratio Lower Upper
74 100
45 105.5 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.778 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

VX0827MBS01

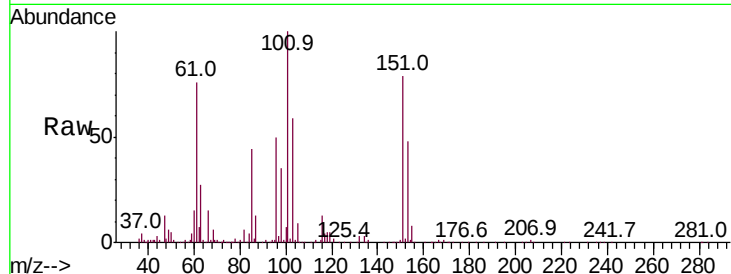
Tot Ion:101 Resp: 101587

Ion Ratio Lower Upper

101 100

85 44.5 34.0 51.0

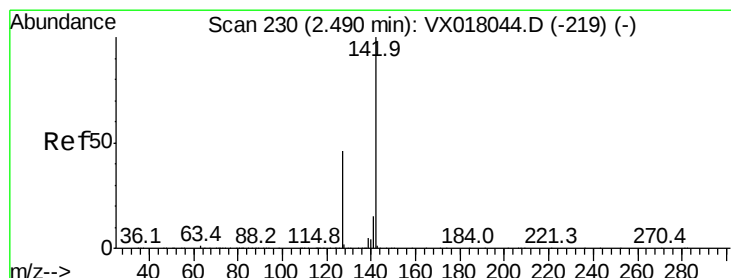
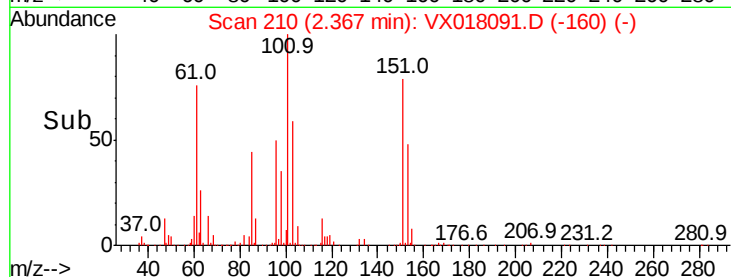
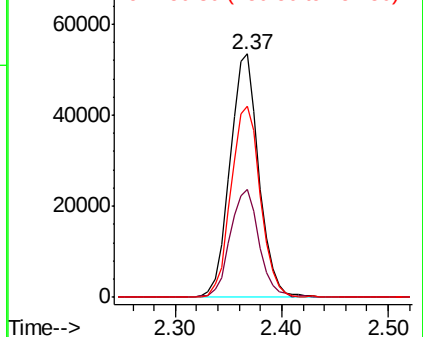
151 80.1 65.2 97.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.539 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

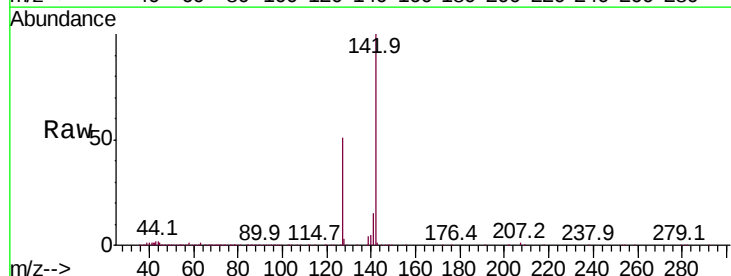
Tgt Ion:142 Resp: 95068

Ion Ratio Lower Upper

142 100

127 50.0 37.0 55.6

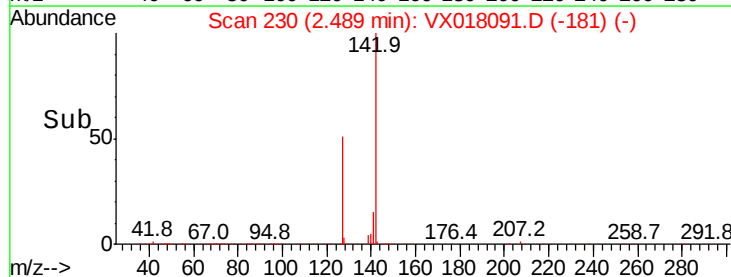
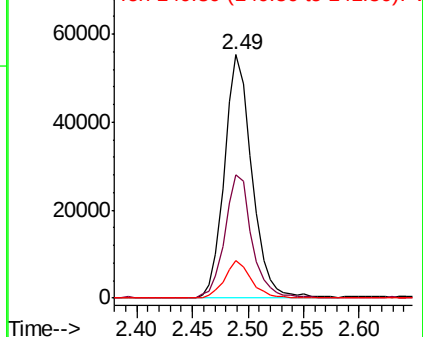
141 14.9 11.5 17.3

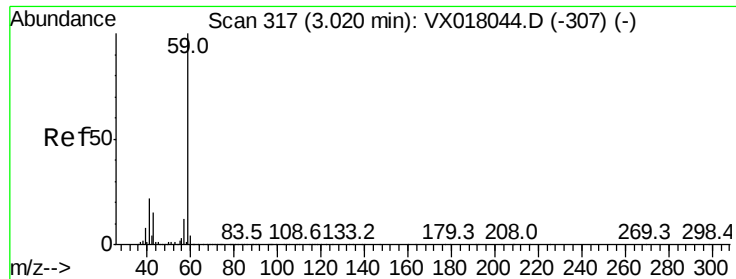


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



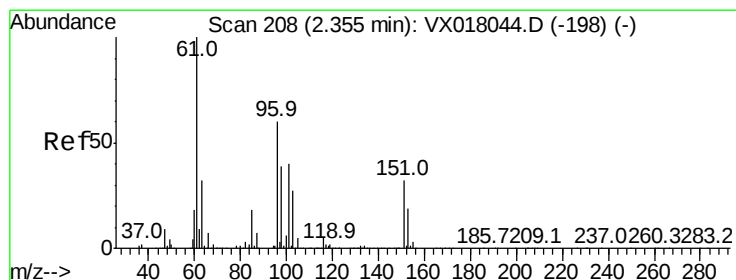
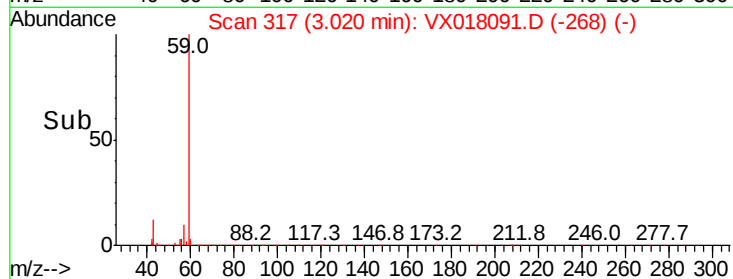
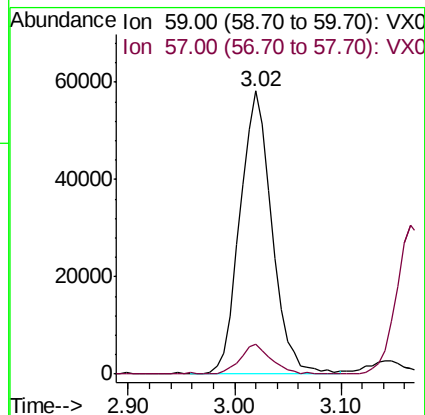
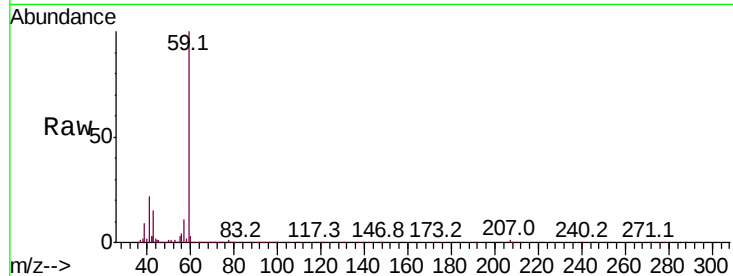


#11

Tert butyl alcohol
 Concen: 88.070 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX018091.D
 Acq: 27 Aug 2020 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827MBS01

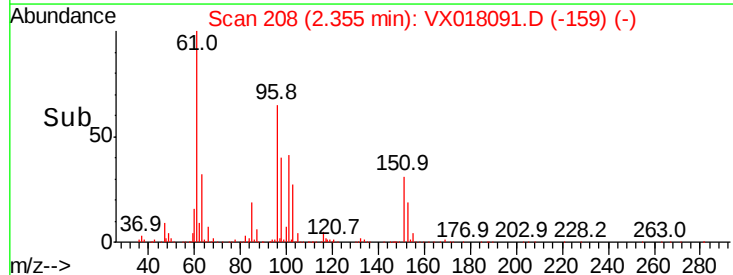
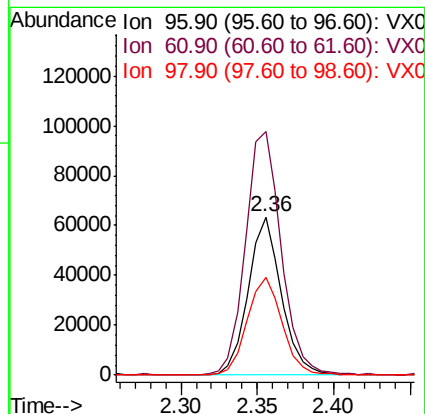
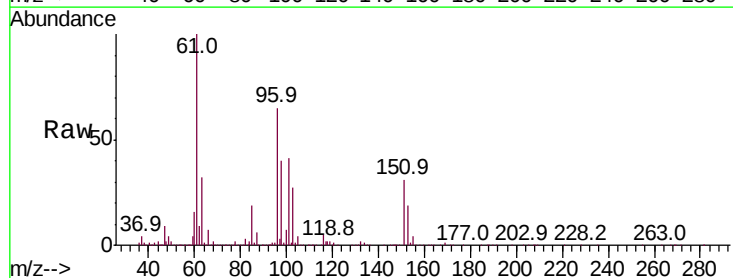
Tot Ion: 59 Resp: 123390
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.9 13.3

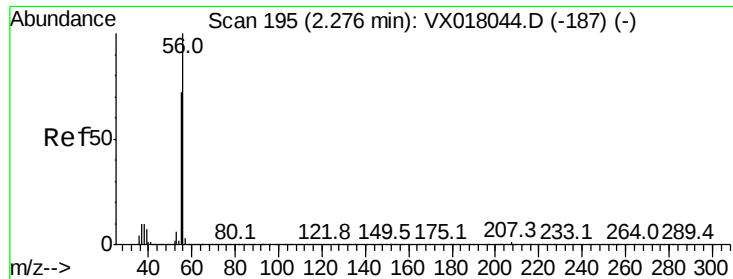


#12

1,1-Dichloroethene
 Concen: 18.593 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX018091.D
 Acq: 27 Aug 2020 15:09

Tgt Ion: 96 Resp: 94311
 Ion Ratio Lower Upper
 96 100
 61 154.1 133.0 199.4
 98 61.5 51.6 77.4





#13

Acrolein

Concen: 74.766 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

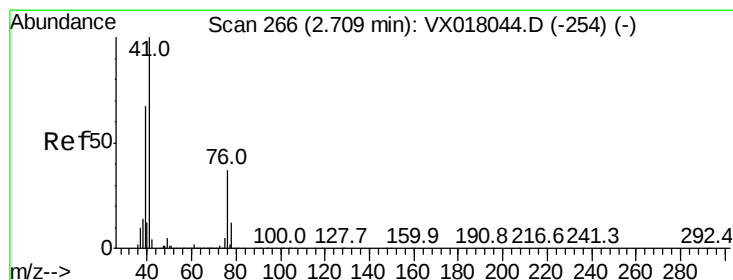
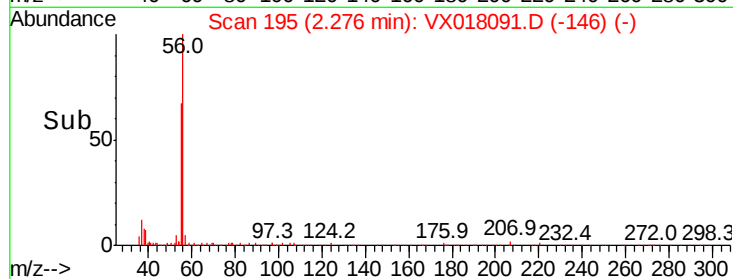
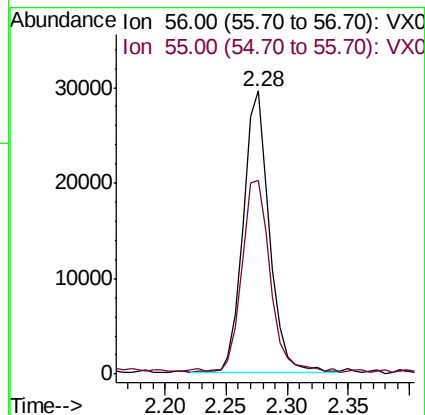
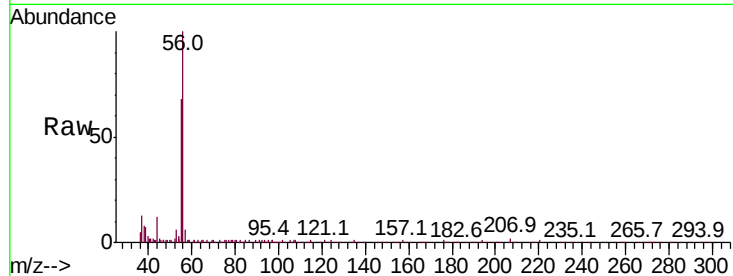
VX0827MBS01

Tot Ion: 56 Resp: 43434

Ion Ratio Lower Upper

56 100

55 74.1 57.0 85.6



#14

Allyl chloride

Concen: 18.262 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

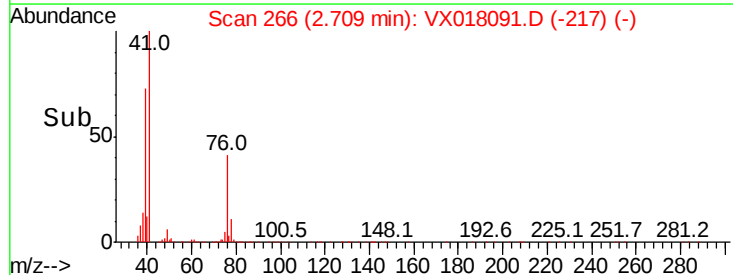
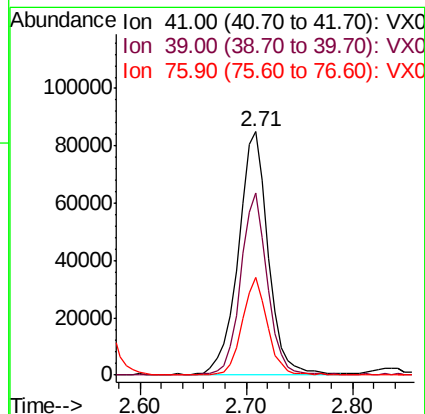
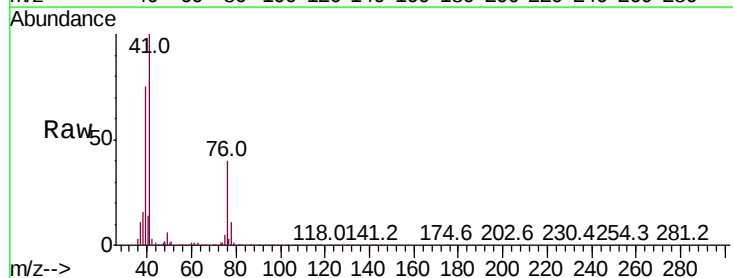
Tgt Ion: 41 Resp: 166424

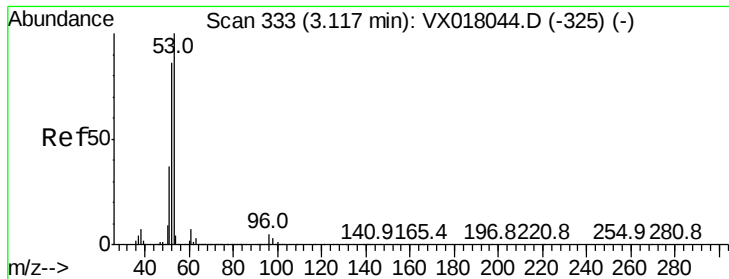
Ion Ratio Lower Upper

41 100

39 67.5 50.6 76.0

76 33.9 26.2 39.2





#15

Acrylonitrile

Concen: 90.105 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

VX0827MBS01

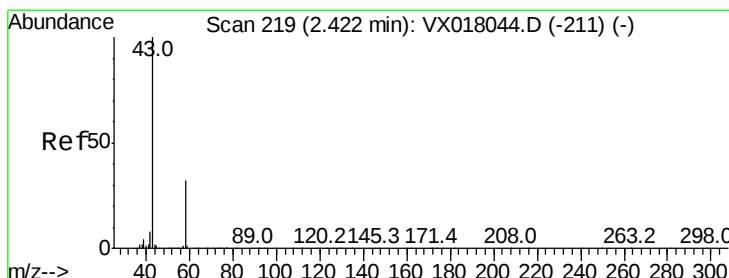
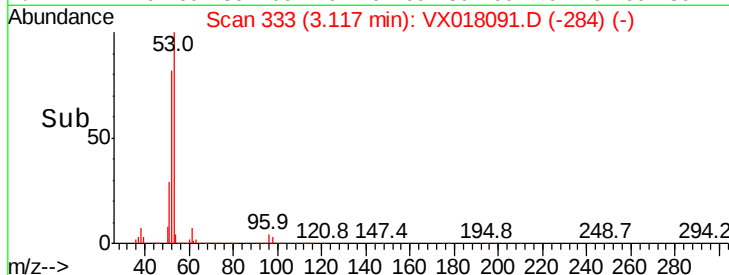
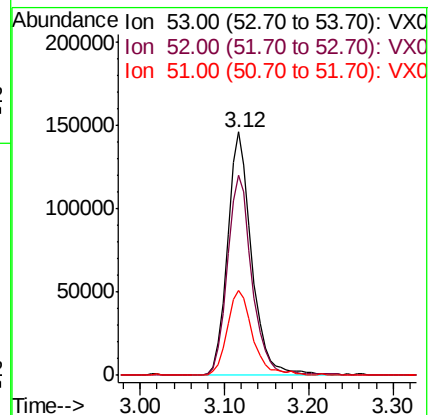
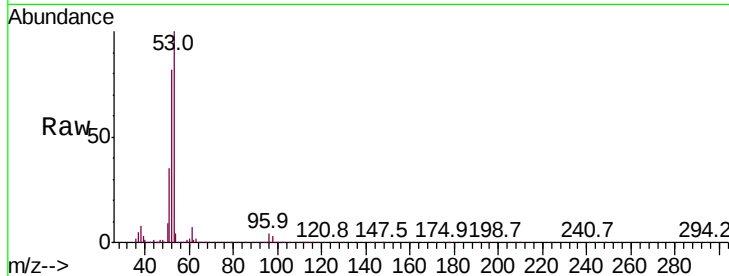
Tot Ion: 53 Resp: 286363

Ion Ratio Lower Upper

53 100

52 83.3 66.9 100.3

51 36.6 28.7 43.1



#16

Acetone

Concen: 89.293 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018091.D

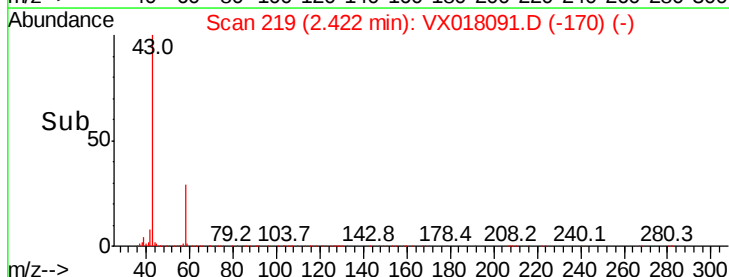
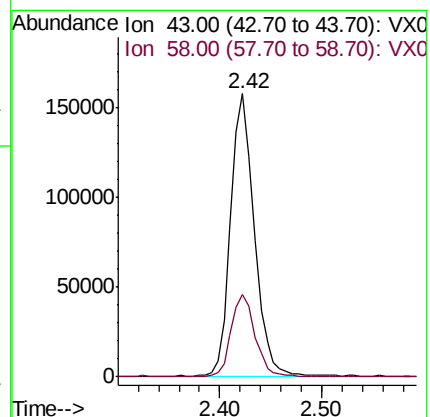
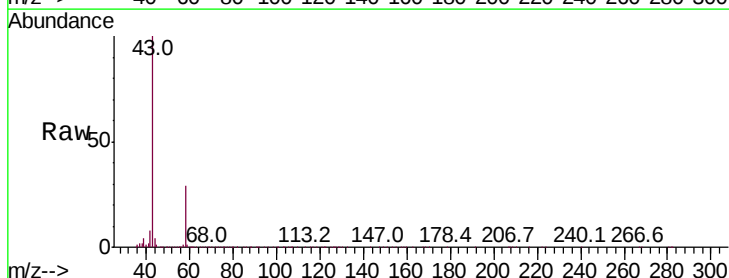
Acq: 27 Aug 2020 15:09

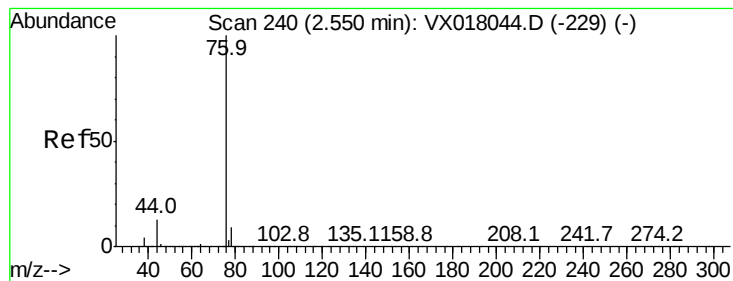
Tgt Ion: 43 Resp: 250716

Ion Ratio Lower Upper

43 100

58 29.2 25.5 38.3





#17

Carbon Disulfide

Concen: 17.930 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

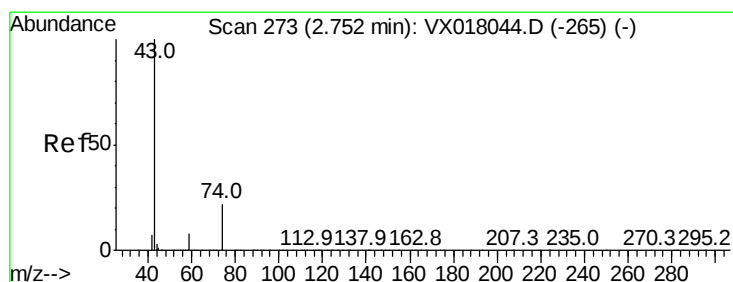
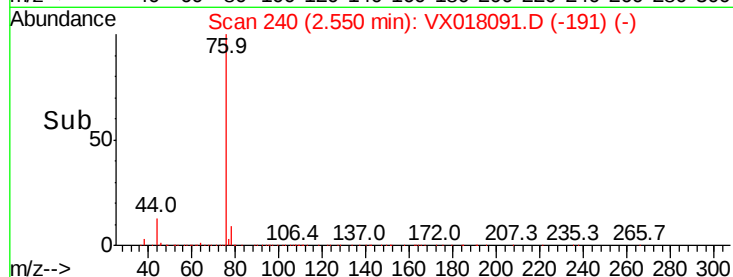
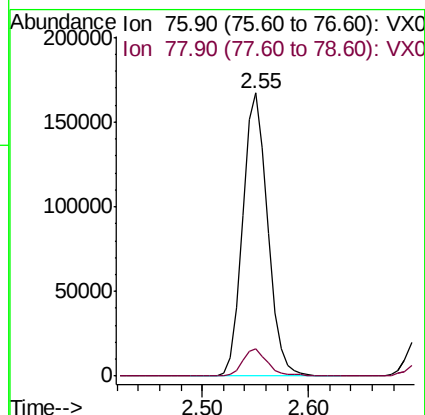
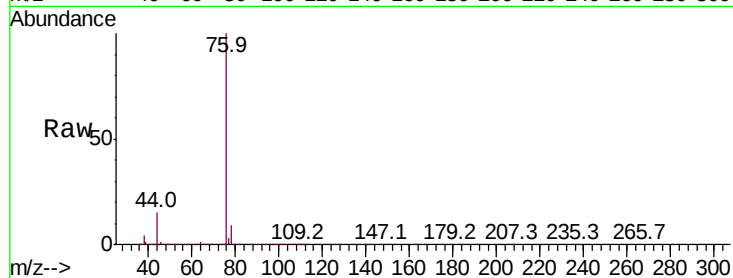
VX0827MBS01

Tot Ion: 76 Resp: 274935

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0



#18

Methyl Acetate

Concen: 19.150 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018091.D

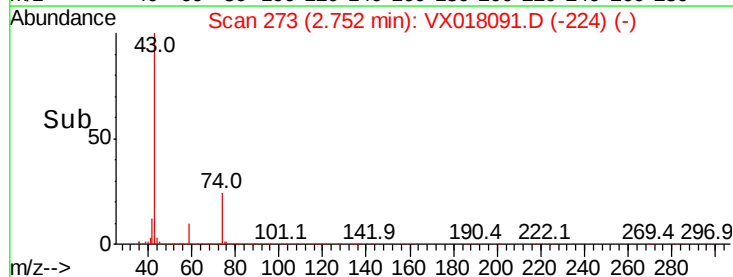
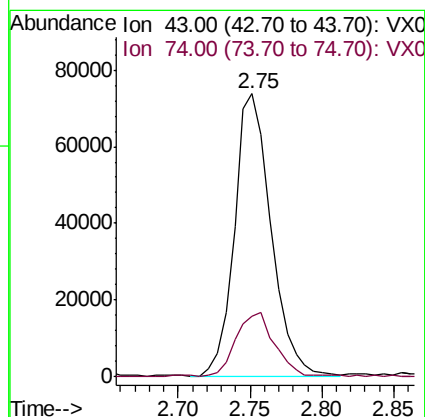
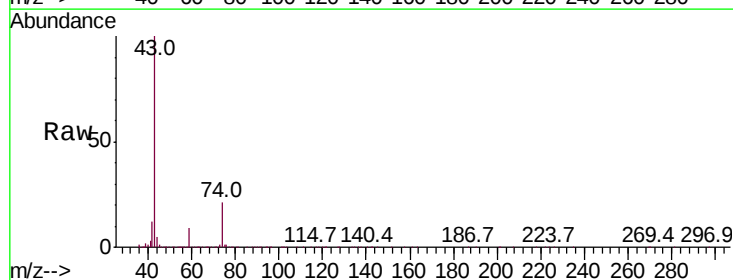
Acq: 27 Aug 2020 15:09

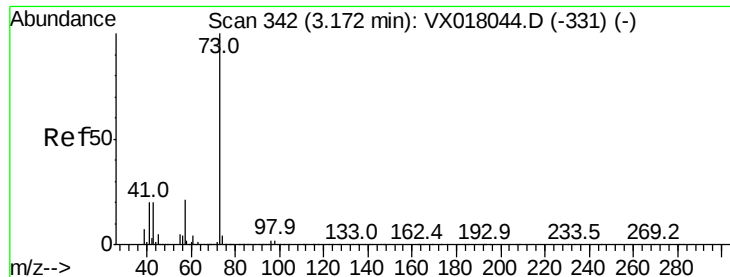
Tgt Ion: 43 Resp: 129753

Ion Ratio Lower Upper

43 100

74 25.1 18.2 27.4



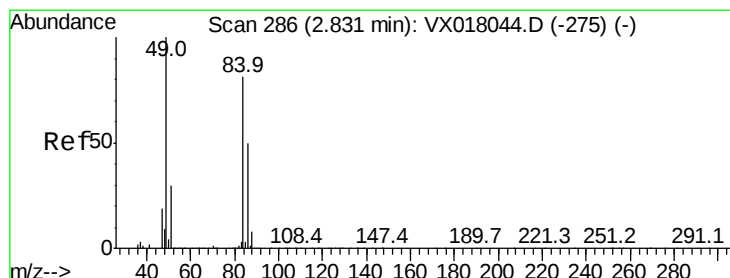
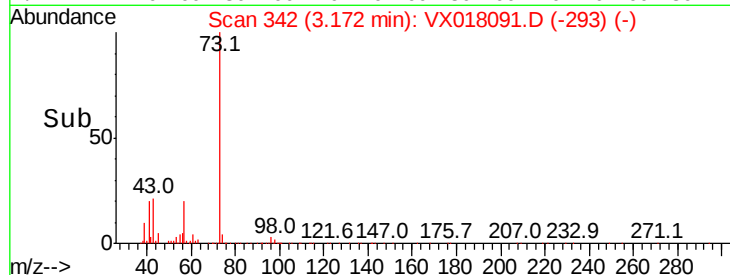
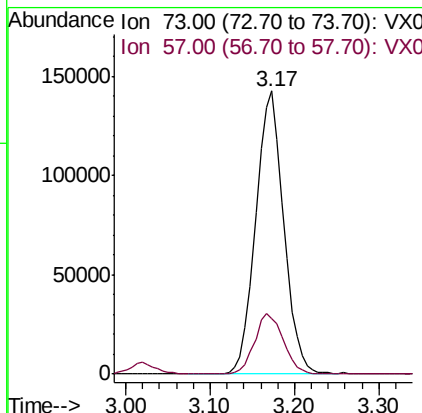
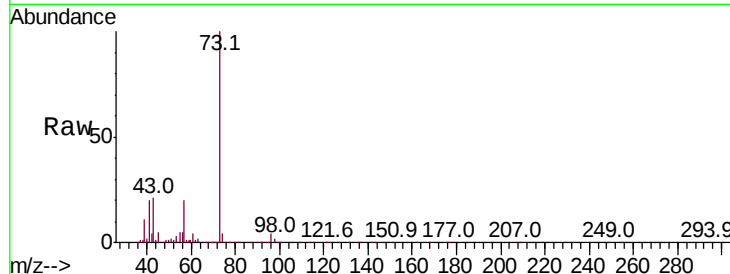


#19

Methyl tert-butyl Ether
 Concen: 18.630 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VX018091.D
 Acq: 27 Aug 2020 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827MBS01

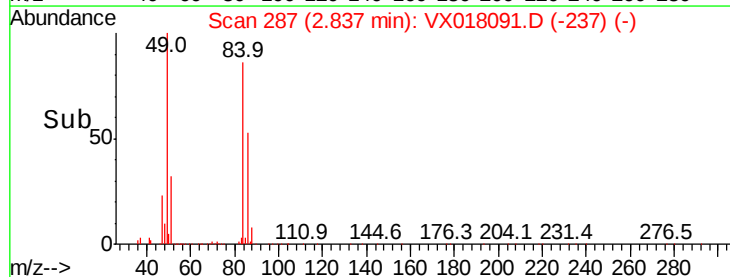
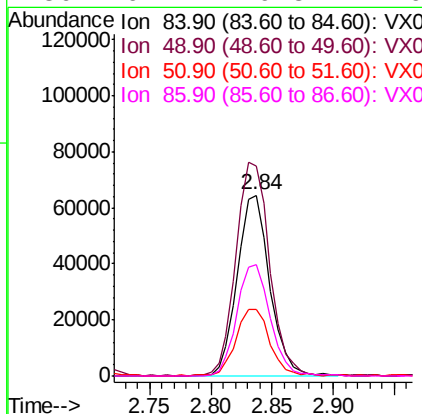
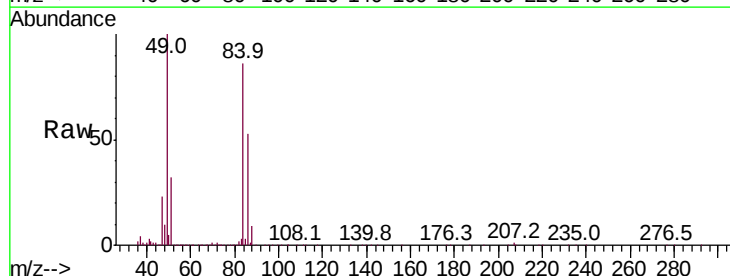
Tot Ion: 73 Resp: 324076
 Ion Ratio Lower Upper
 73 100
 57 19.7 16.8 25.2

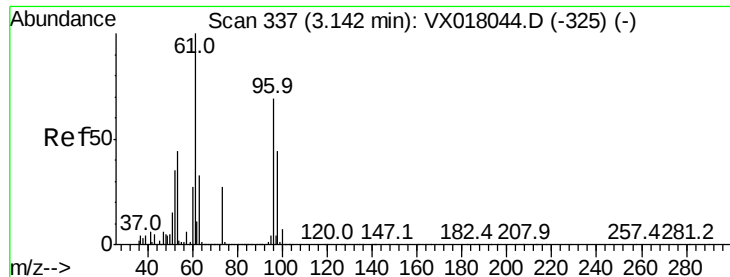


#20

Methylene Chloride
 Concen: 19.937 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: VX018091.D
 Acq: 27 Aug 2020 15:09

Tgt Ion: 84 Resp: 118488
 Ion Ratio Lower Upper
 84 100
 49 116.3 98.6 148.0
 51 37.0 29.6 44.4
 86 61.7 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 18.298 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

VX0827MBS01

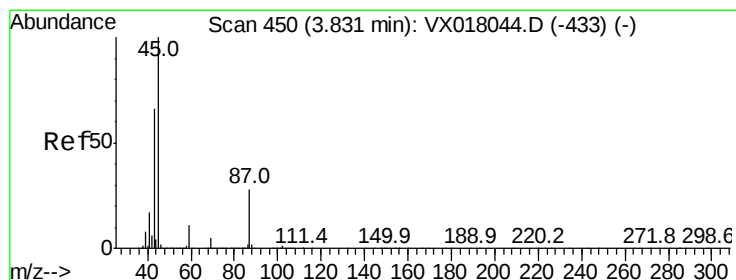
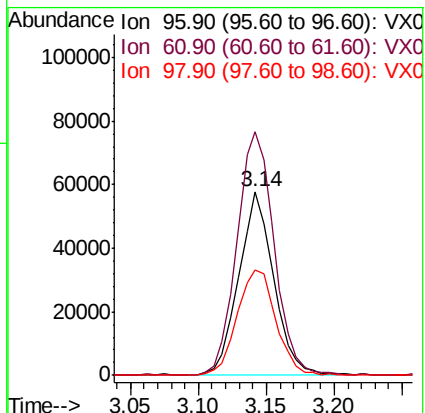
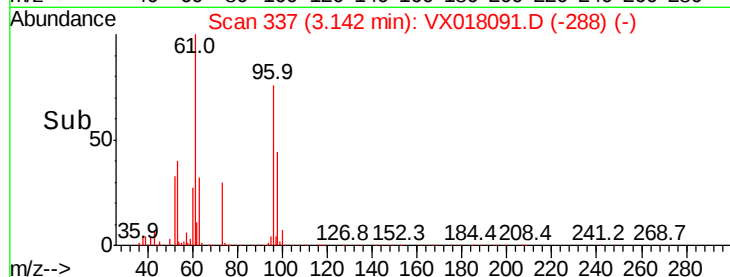
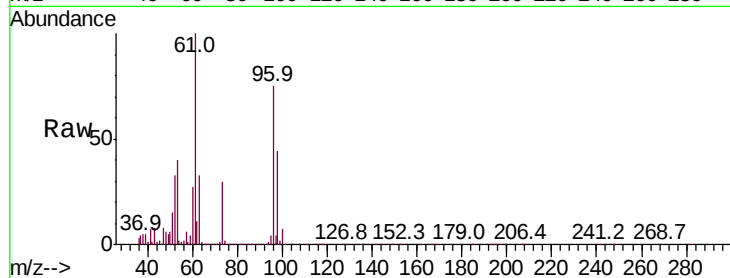
Tot Ion: 96 Resp: 102828

Ion Ratio Lower Upper

96 100

61 133.0 115.4 173.0

98 57.7 51.1 76.7



#22

Diisopropyl ether

Concen: 18.692 ug/l

RT: 3.83 min Scan# 450

Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

Tgt Ion: 45 Resp: 336210

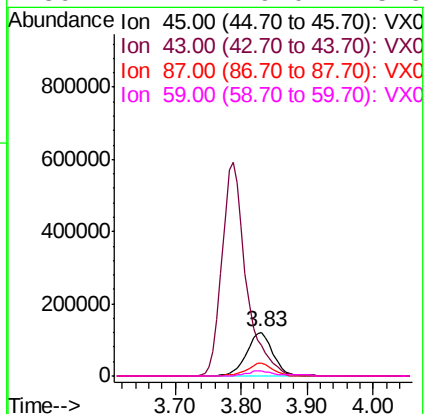
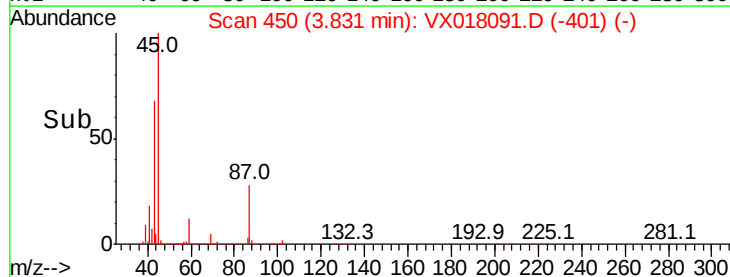
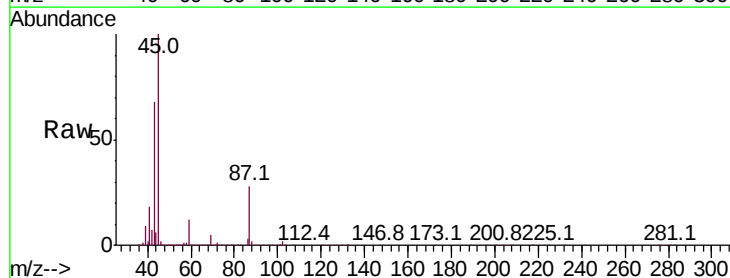
Ion Ratio Lower Upper

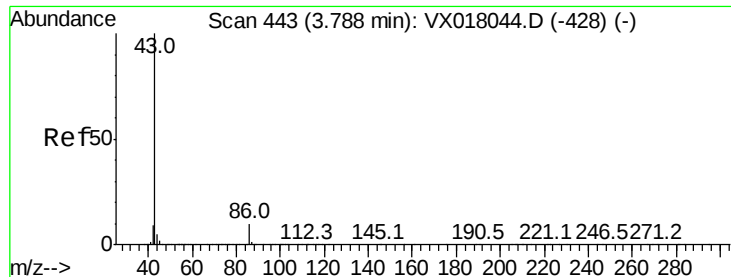
45 100

43 68.1 52.8 79.2

87 27.6 22.5 33.7

59 11.7 9.0 13.6





#23

Vinyl Acetate

Concen: 93.923 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

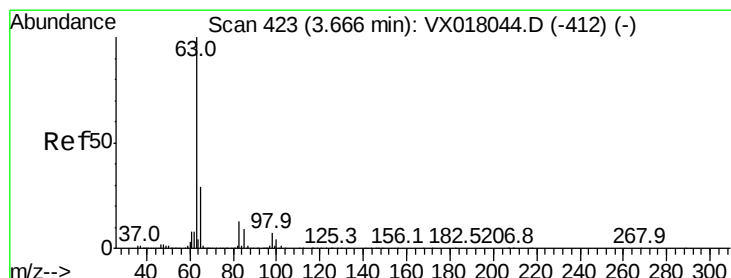
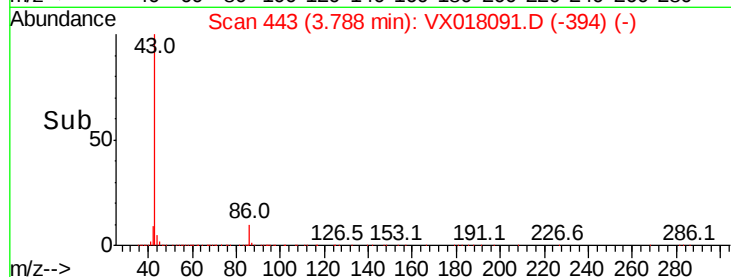
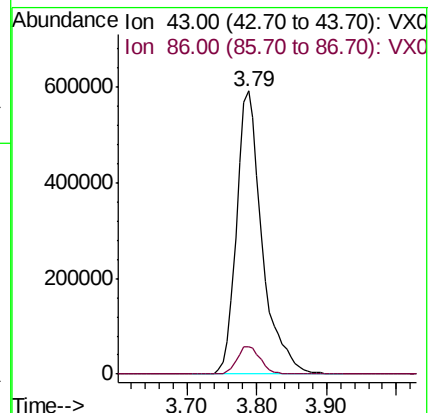
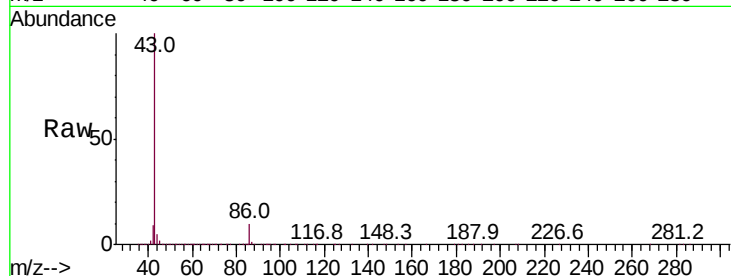
VX0827MBS01

Tot Ion: 43 Resp: 1503212

Ion Ratio Lower Upper

43 100

86 9.8 7.9 11.9



#24

1,1-Dichloroethane

Concen: 18.605 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

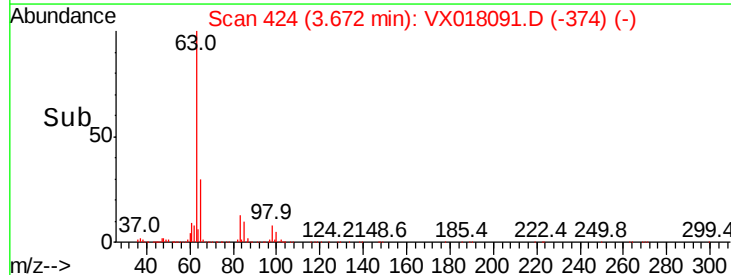
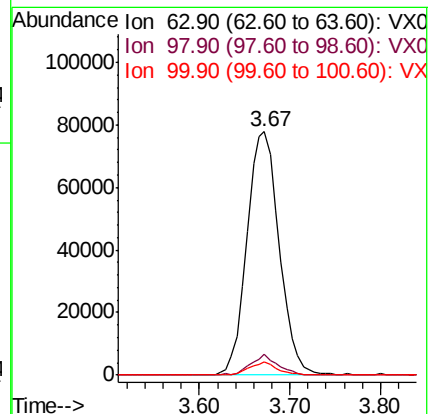
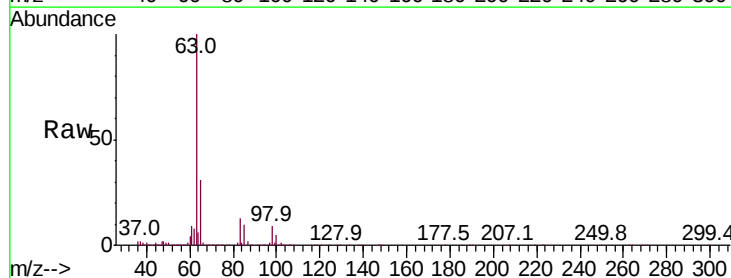
Tgt Ion: 63 Resp: 190489

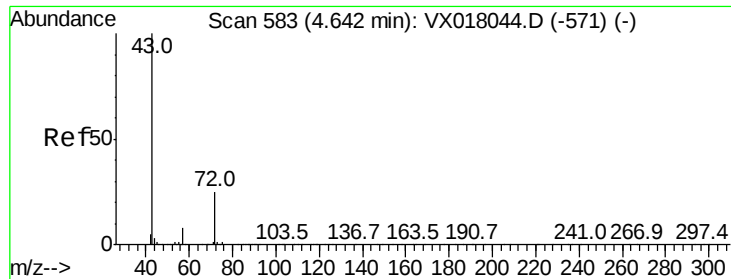
Ion Ratio Lower Upper

63 100

98 8.6 3.6 10.8

100 5.5 2.0 6.0

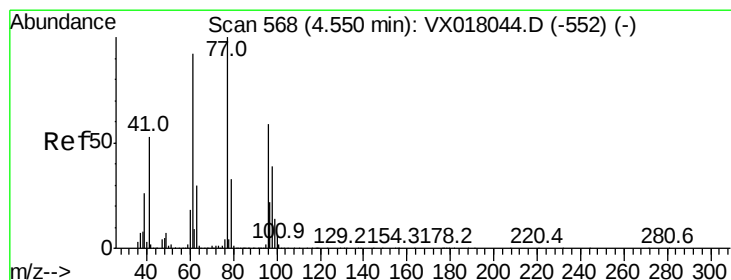
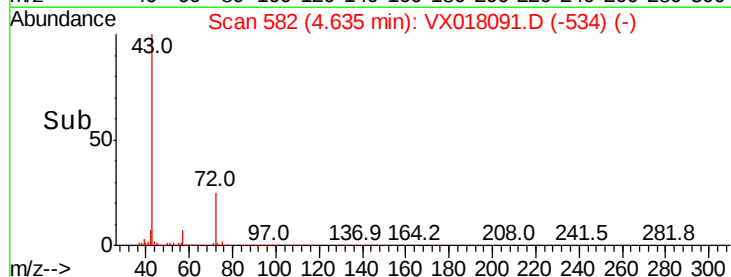
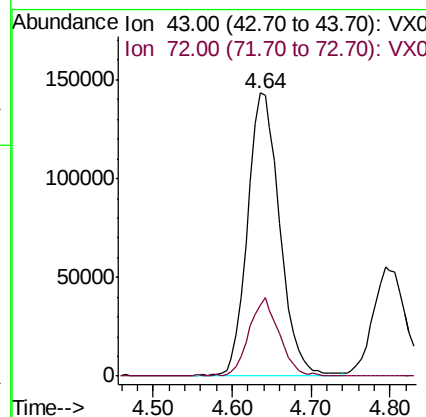
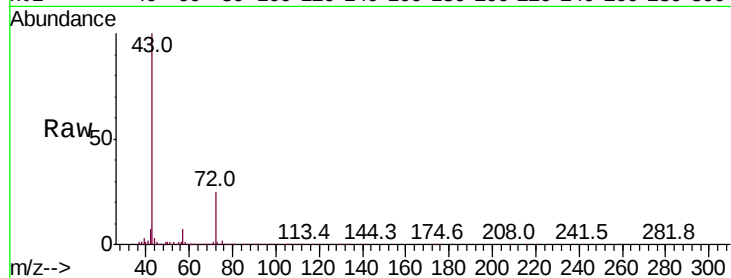




#25
2-Butanone
Concen: 88.450 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX018091.D
Acq: 27 Aug 2020 15:09

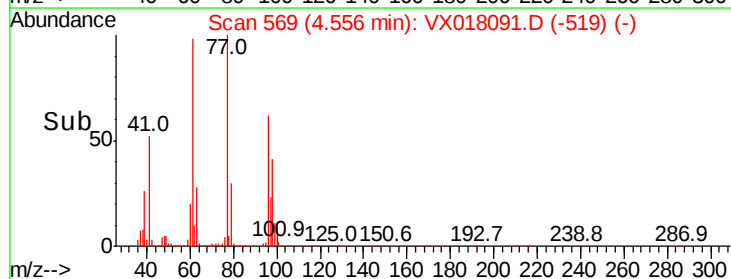
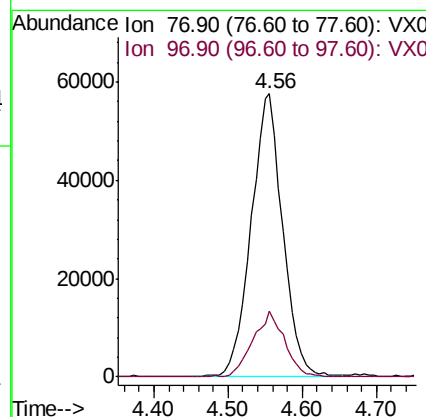
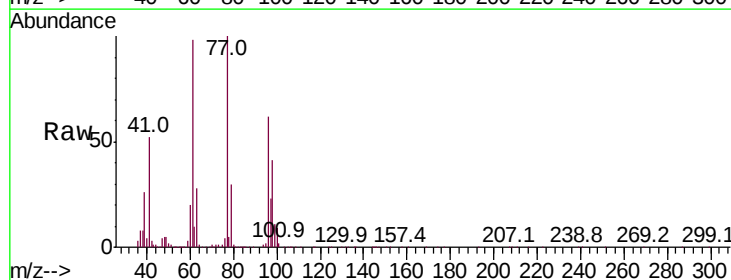
Instrument :
MSVOA_X
ClientSampleId :
VX0827MBS01

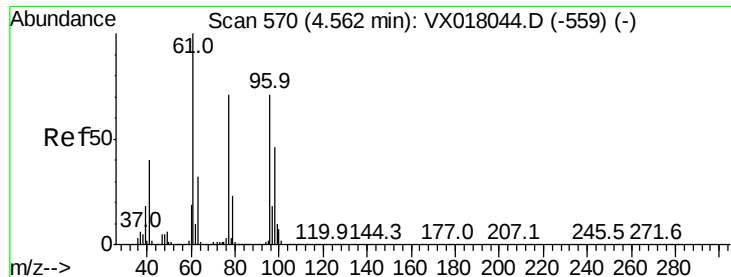
Tot Ion: 43 Resp: 408148
Ion Ratio Lower Upper
43 100
72 24.9 19.8 29.6



#26
2,2-Dichloropropane
Concen: 20.419 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX018091.D
Acq: 27 Aug 2020 15:09

Tgt Ion: 77 Resp: 170104
Ion Ratio Lower Upper
77 100
97 23.2 11.5 34.5



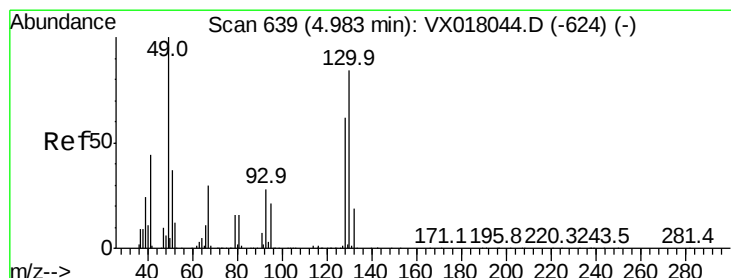
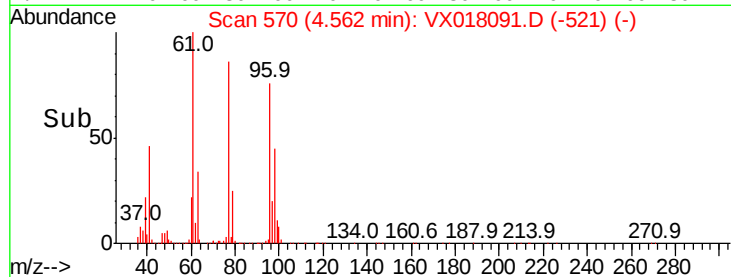
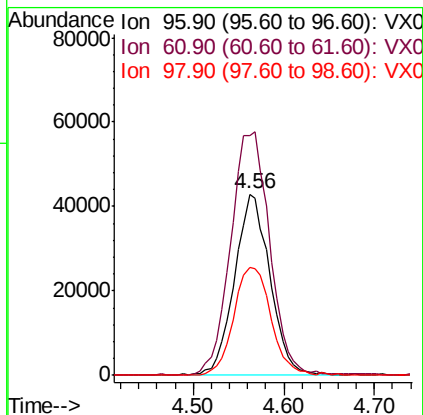
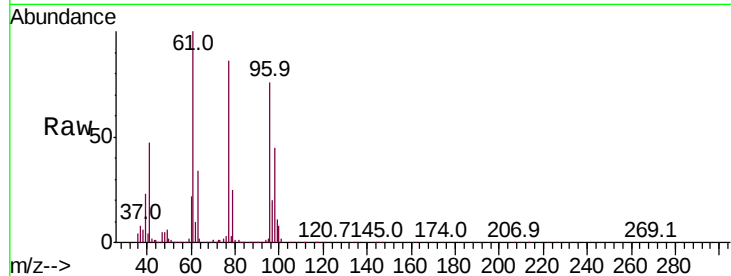


#27

cis-1,2-Dichloroethene
Concen: 17.850 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018091.D
Acq: 27 Aug 2020 15:09

Instrument :
MSVOA_X
ClientSampleId :
VX0827MBS01

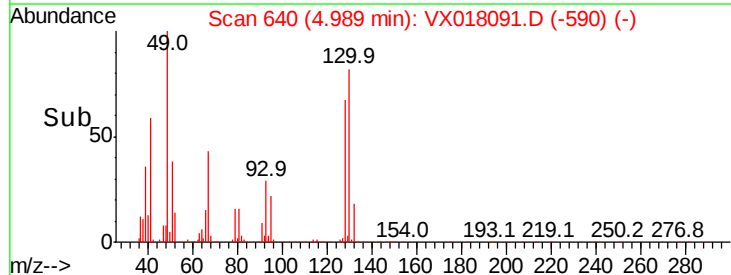
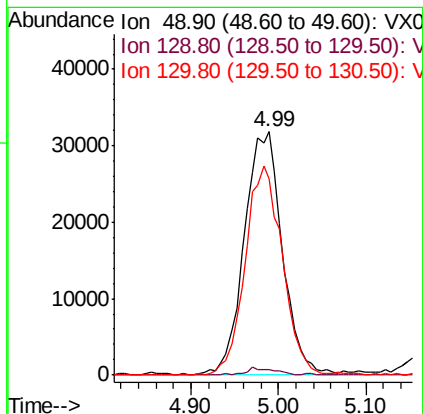
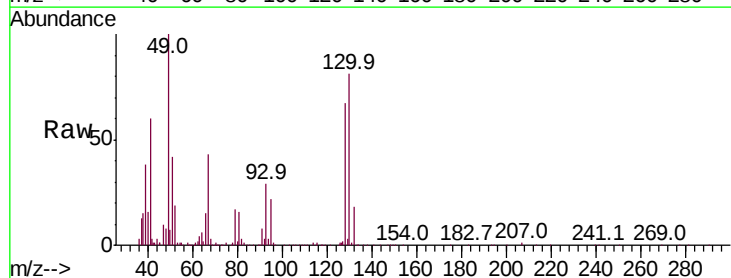
Tot Ion	96	Resp	11578
Ion	Ratio	Lower	Upper
96	100		
61	148.9	0.0	296.6
98	62.8	0.0	130.2

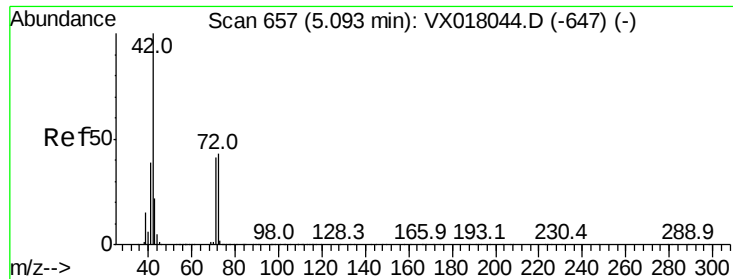


#28

Bromochloromethane
Concen: 19.546 ug/l
RT: 4.99 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX018091.D
Acq: 27 Aug 2020 15:09

Tgt Ion	49	Resp	96598
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	83.8	64.6	96.8

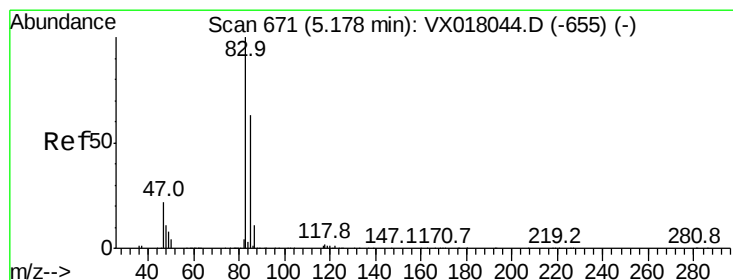
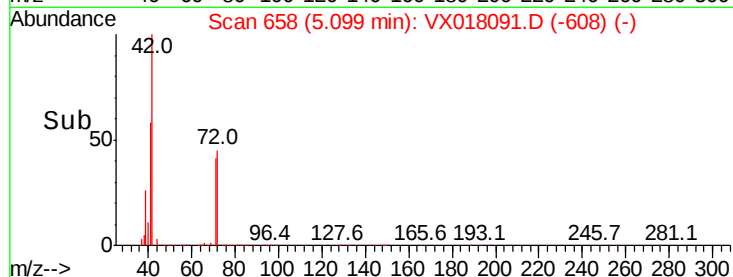
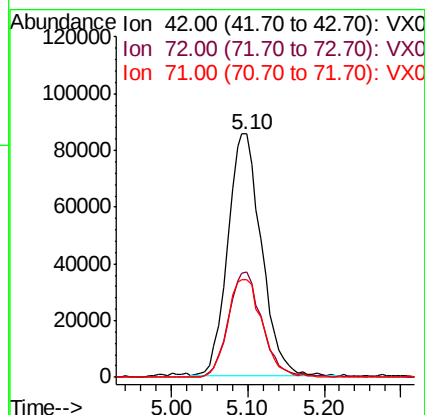
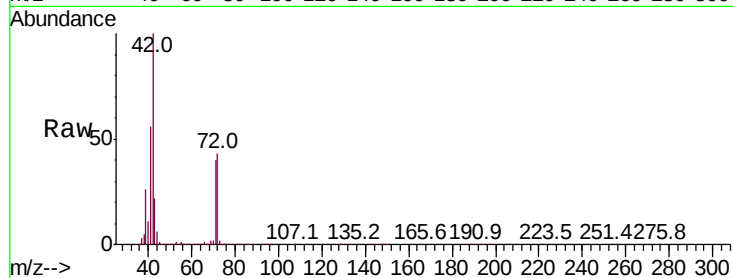




#29
Tetrahydrofuran
Concen: 88.606 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX018091.D
Acq: 27 Aug 2020 15:09

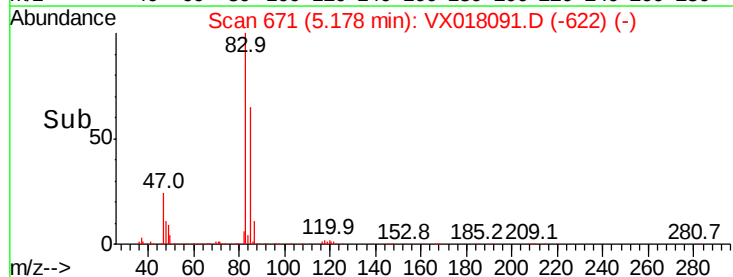
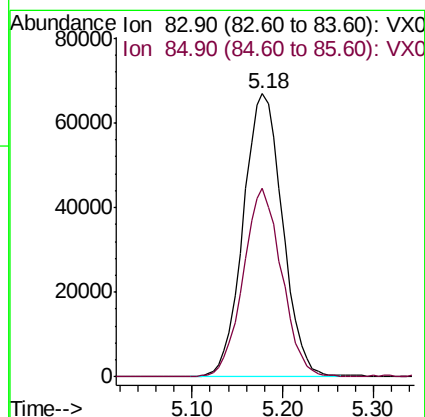
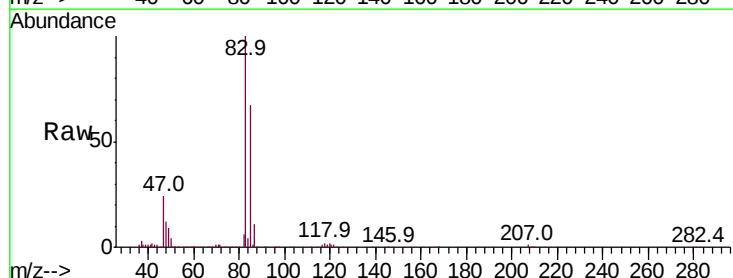
Instrument :
MSVOA_X
ClientSampleId :
VX0827MBS01

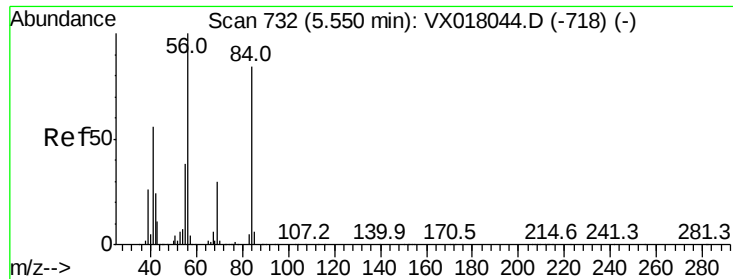
Tot Ion: 42 Resp: 260280
Ion Ratio Lower Upper
42 100
72 43.5 34.2 51.4
71 41.8 32.1 48.1



#30
Chloroform
Concen: 18.908 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018091.D
Acq: 27 Aug 2020 15:09

Tgt Ion: 83 Resp: 200457
Ion Ratio Lower Upper
83 100
85 66.5 50.7 76.1

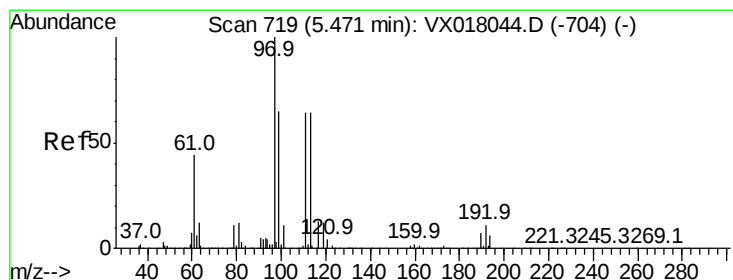
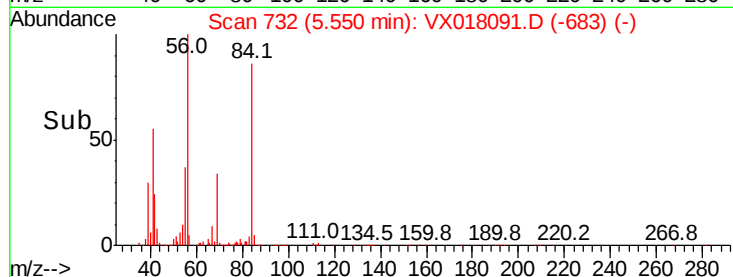
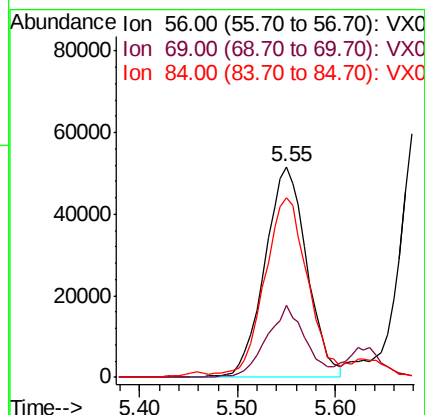
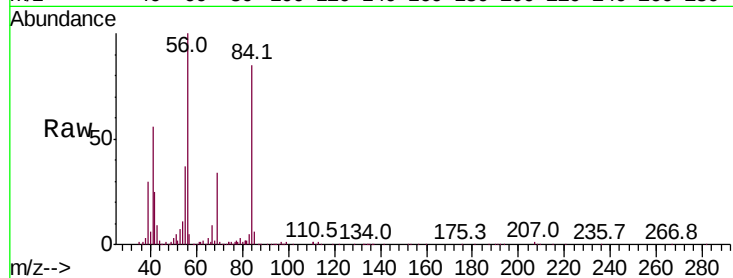




#31
Cyclohexane
Concen: 17.878 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018091.D
Acq: 27 Aug 2020 15:09

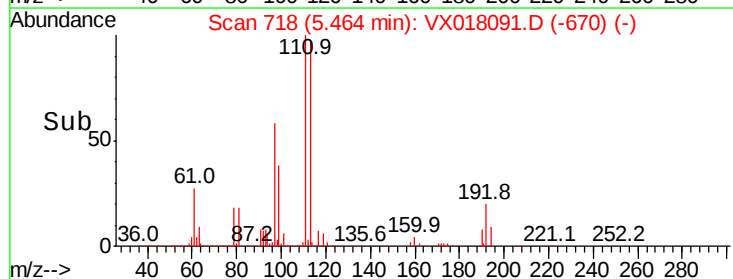
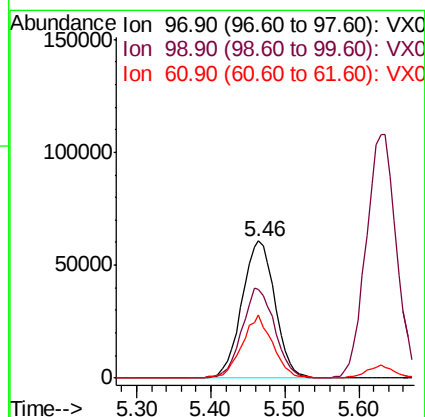
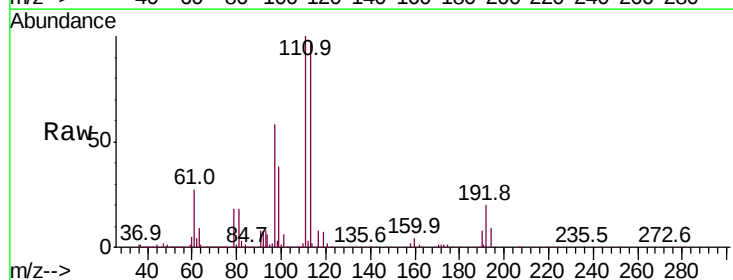
Instrument :
MSVOA_X
ClientSampleId :
VX0827MBS01

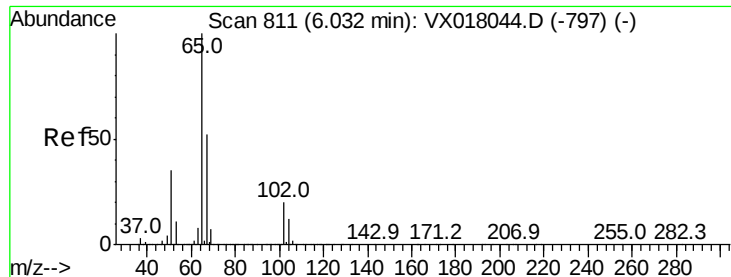
Tot Ion	56	Resp	154195
Ion	Ratio	Lower	Upper
56	100		
69	34.0	23.9	35.9
84	83.2	67.0	100.4



#32
1,1,1-Trichloroethane
Concen: 19.534 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018091.D
Acq: 27 Aug 2020 15:09

Tgt Ion	97	Resp	190053
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.4	77.0
61	42.5	34.2	51.4

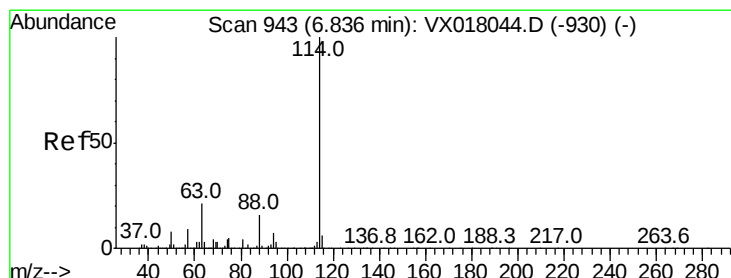
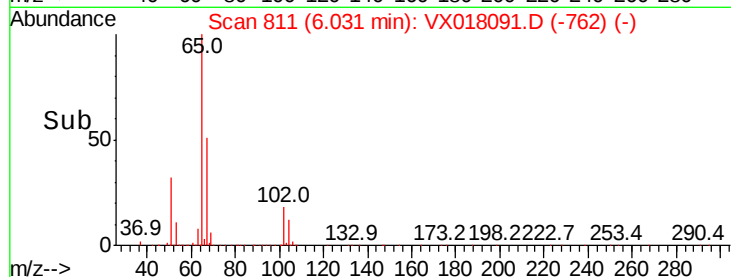
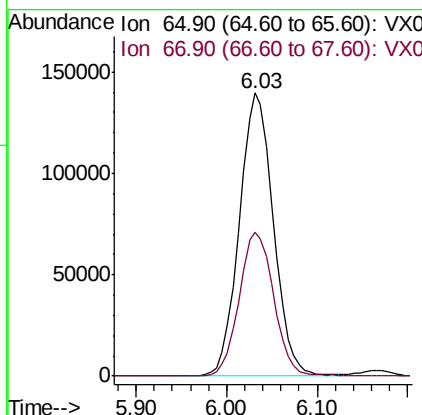
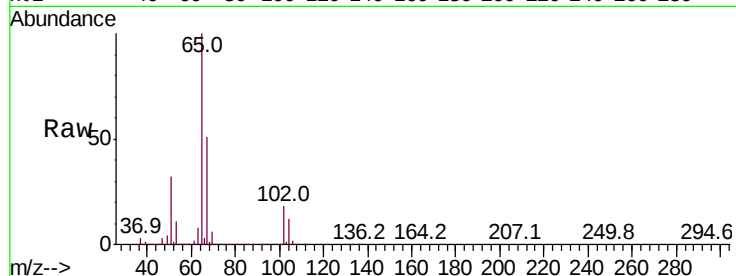




#33
 1,2-Dichloroethane-d4
 Concen: 50.094 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018091.D
 Acq: 27 Aug 2020 15:09

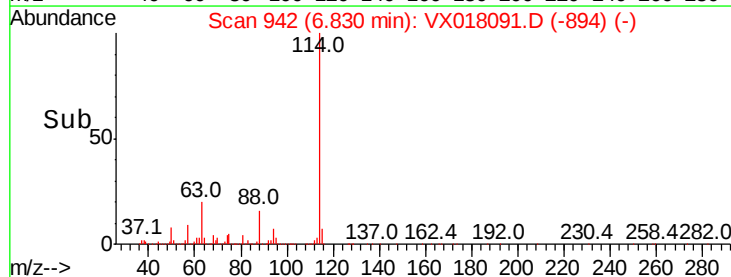
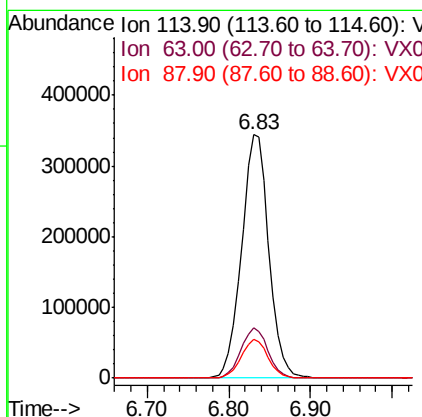
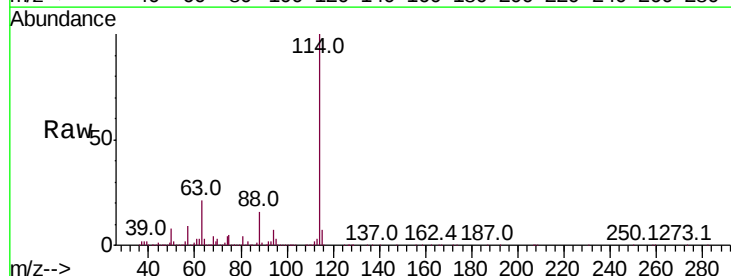
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827MBS01

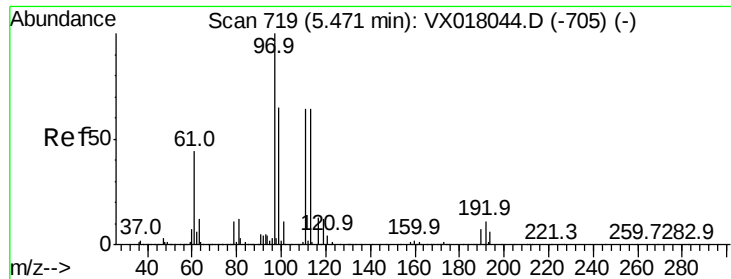
Tot Ion: 65 Resp: 360965
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018091.D
 Acq: 27 Aug 2020 15:09

Tgt Ion: 114 Resp: 797043
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.6
 88 15.7 0.0 31.8

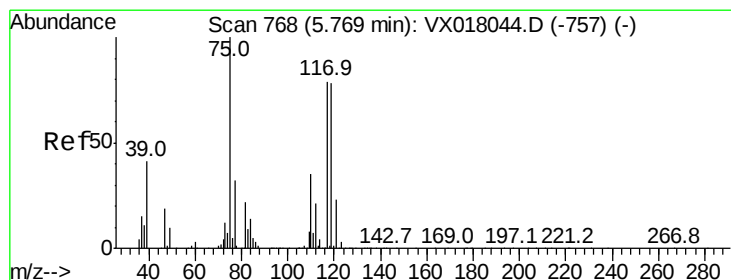
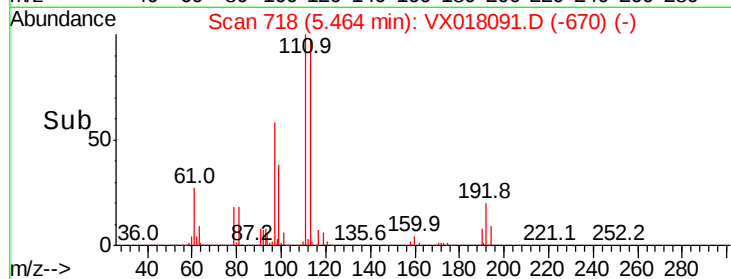
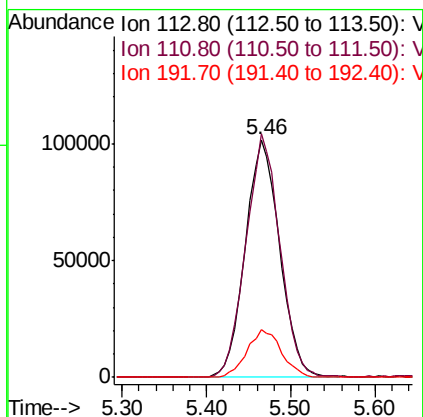
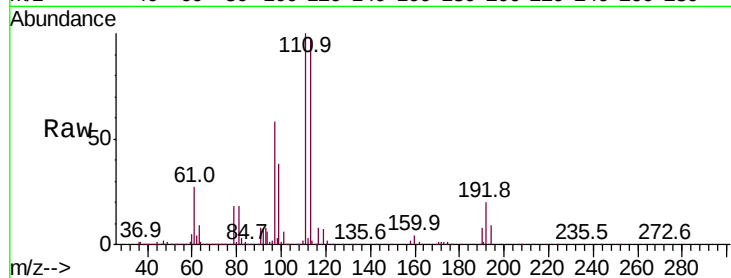




#35
Dibromofluoromethane
Concen: 51.912 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018091.D
Acq: 27 Aug 2020 15:09

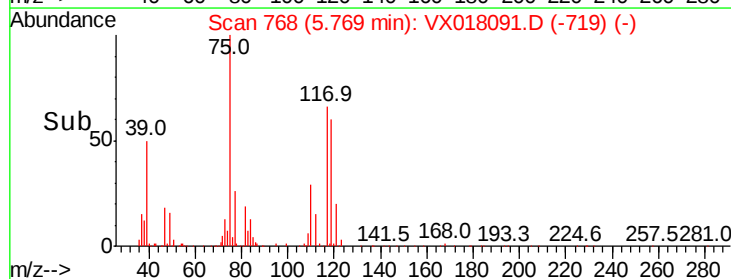
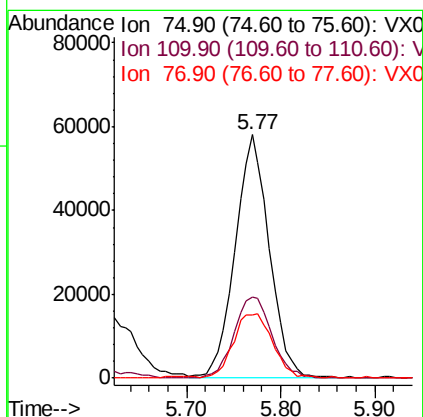
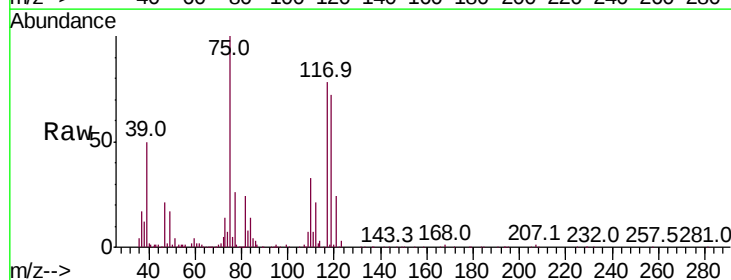
Instrument :
MSVOA_X
ClientSampled :
VX0827MBS01

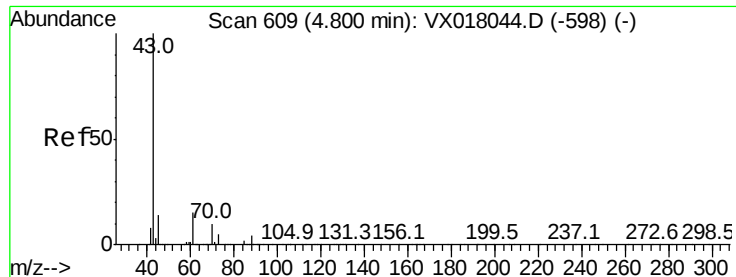
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.6	122.4
192	20.2	15.8	23.8



#36
1,1-Dichloropropene
Concen: 19.678 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX018091.D
Acq: 27 Aug 2020 15:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.3	18.0	54.0
77	30.5	24.4	36.6





#37

Ethyl Acetate

Concen: 18.771 ug/l

RT: 4.79 min Scan# 608

Delta R.T. -0.01 min

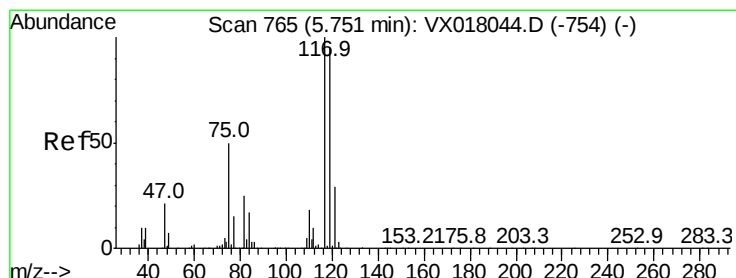
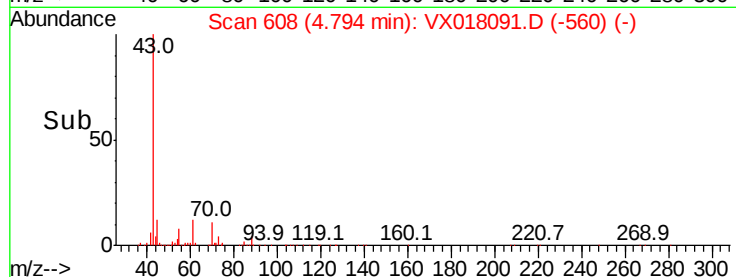
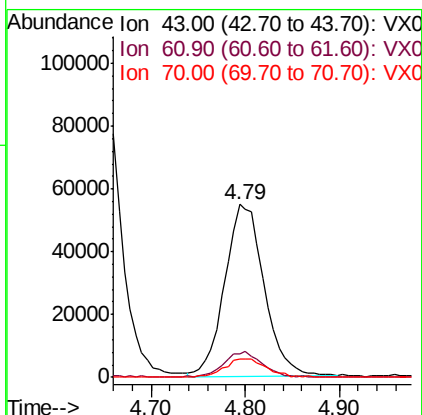
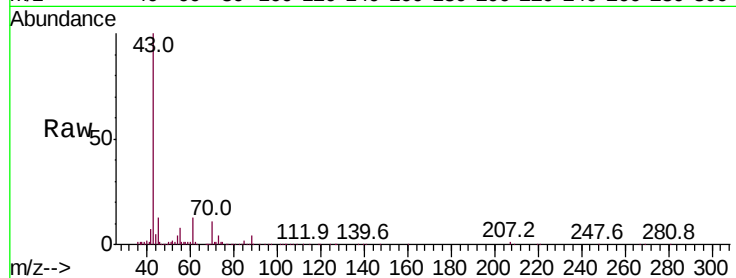
Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

Instrument :
MSVOA_X
ClientSampleId :
VX0827MBS01

Tot Ion: 43 Resp: 160270

Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.3	16.9
70	11.7	8.2	12.4



#38

Carbon Tetrachloride

Concen: 21.333 ug/l

RT: 5.75 min Scan# 765

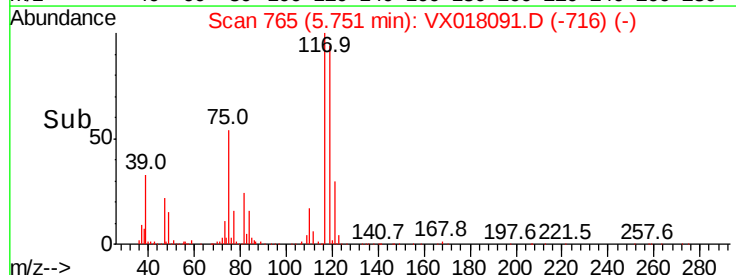
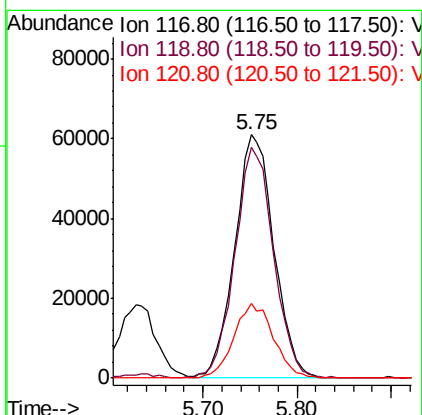
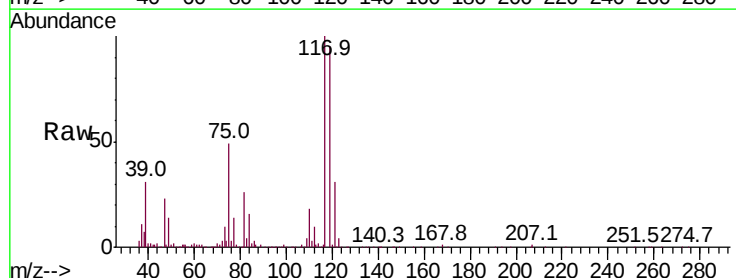
Delta R.T. -0.00 min

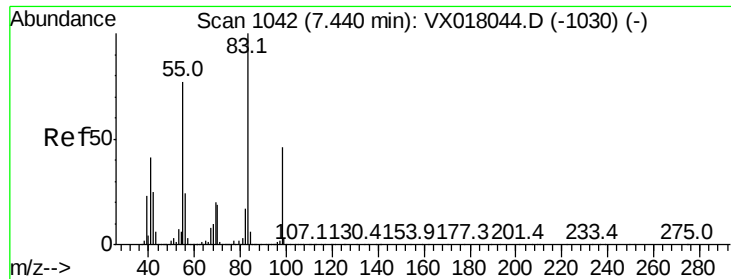
Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

Tgt Ion: 117 Resp: 176740

Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.8	113.6
121	30.6	23.4	35.0

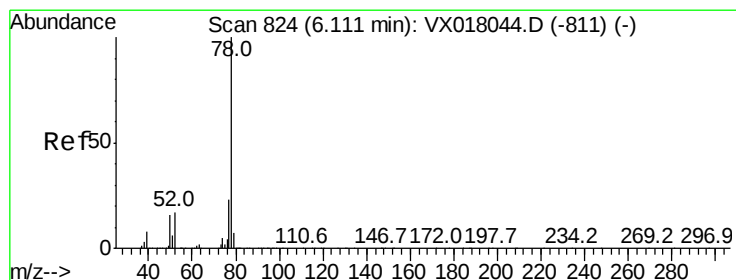
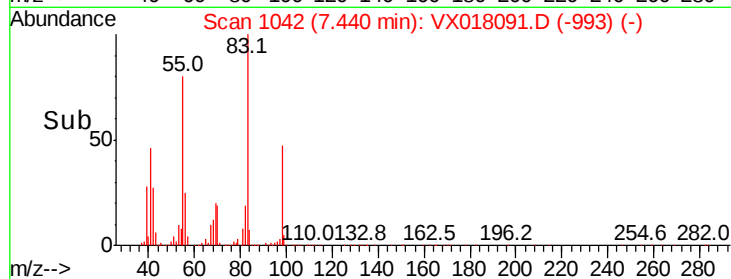
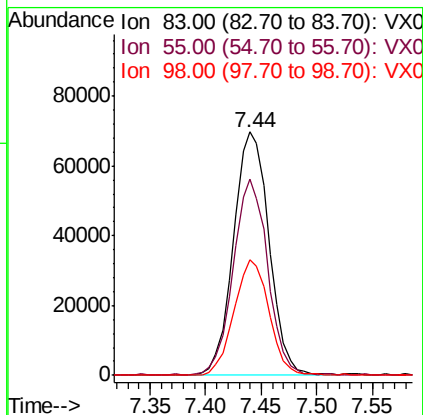
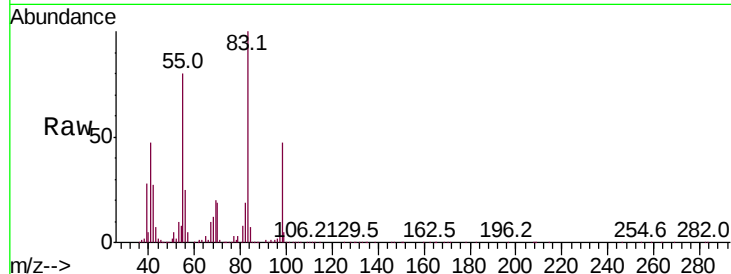




#39
Methvlcvclohexane
Concen: 19.207 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018091.D
Acq: 27 Aug 2020 15:09

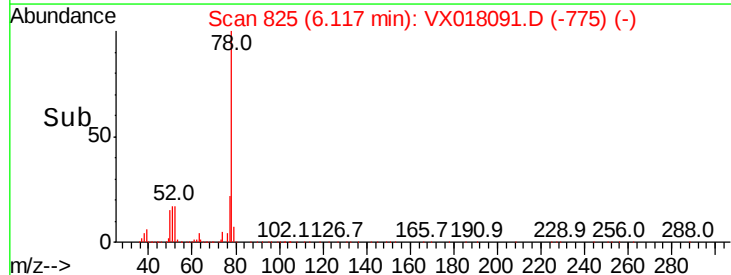
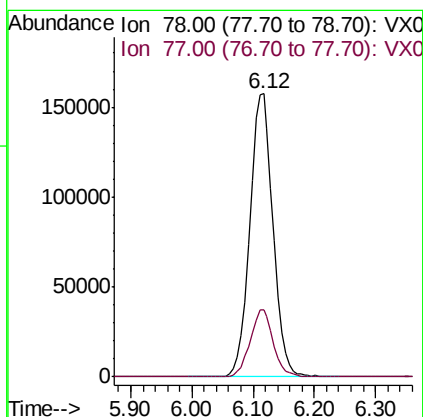
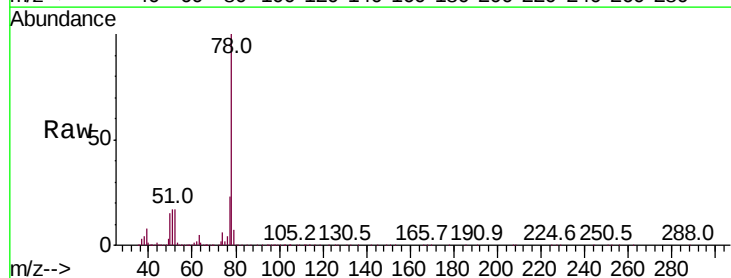
Instrument :
MSVOA_X
ClientSampleId :
VX0827MBS01

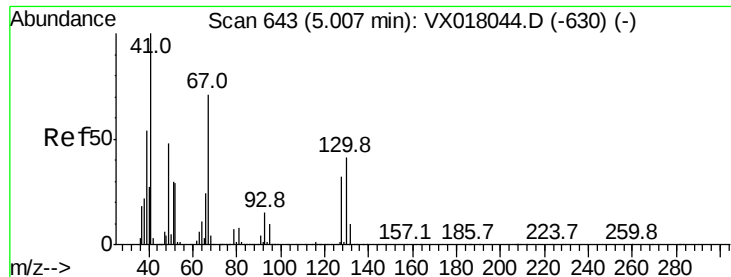
Tot Ion	83	Resp	154398
Ion Ratio	Lower	Upper	
83	100		
55	80.3	61.8	92.6
98	47.4	36.6	55.0



#40
Benzene
Concen: 19.368 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018091.D
Acq: 27 Aug 2020 15:09

Tgt Ion	78	Resp	418379
Ion Ratio	Lower	Upper	
78	100		
77	23.4	18.2	27.2





#41

Methacrylonitrile

Concen: 18.556 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

VX0827MBS01

Tot Ion: 41 Resp: 86992

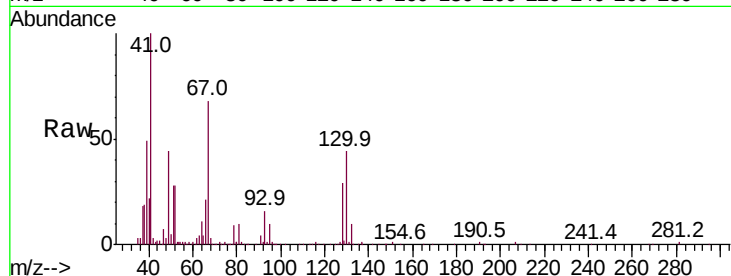
Ion Ratio Lower Upper

41 100

39 52.5 43.1 64.7

67 71.0 56.0 84.0

52 30.4 22.7 34.1

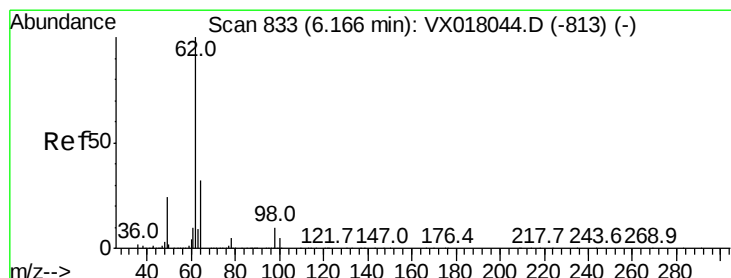
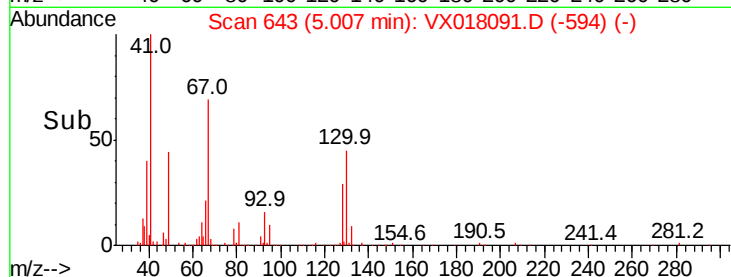
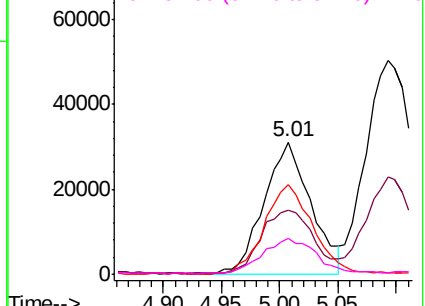


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.434 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX018091.D

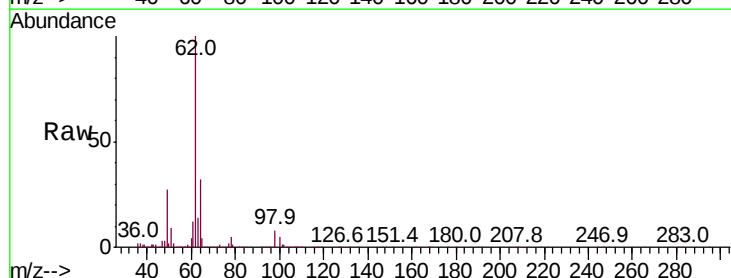
Acq: 27 Aug 2020 15:09

Tgt Ion: 62 Resp: 169122

Ion Ratio Lower Upper

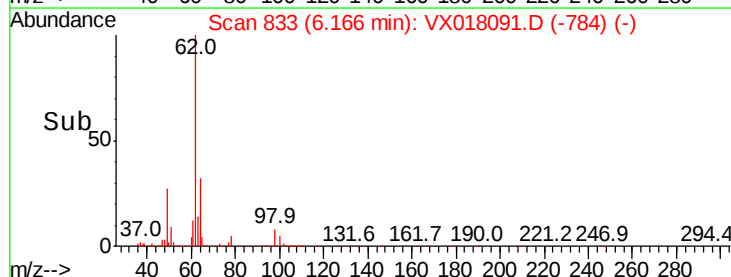
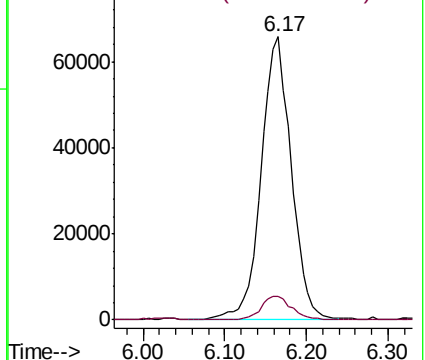
62 100

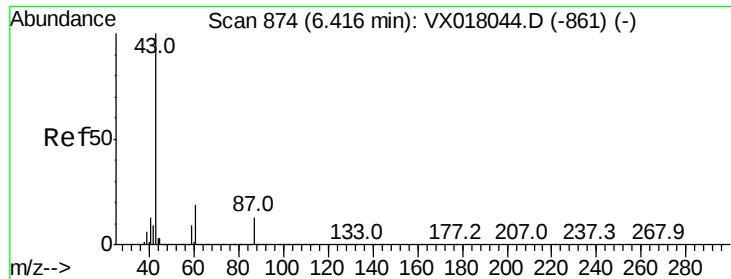
98 8.4 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



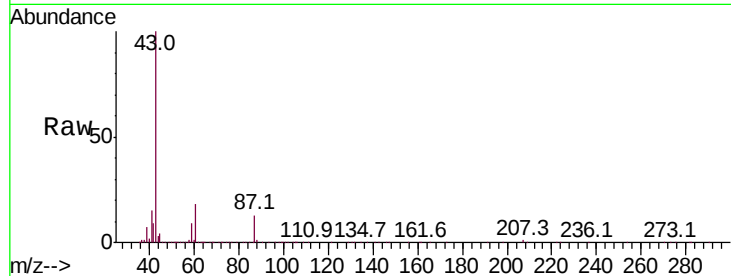


#43

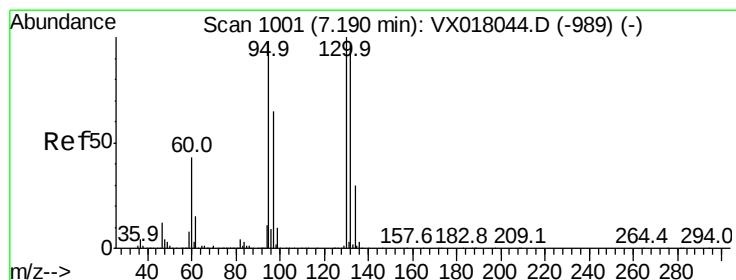
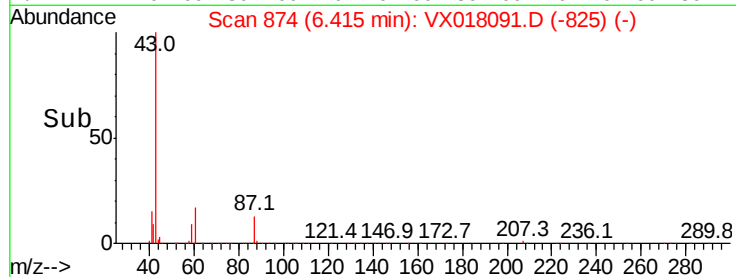
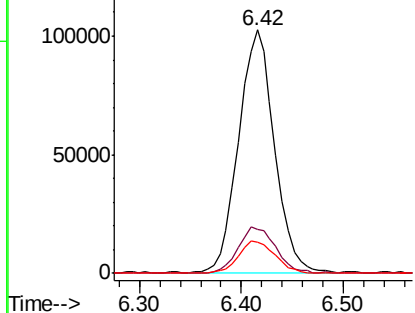
Isopropyl Acetate
 Concen: 18.004 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX018091.D
 Acq: 27 Aug 2020 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	15.7	23.5
87	13.7	10.3	15.5



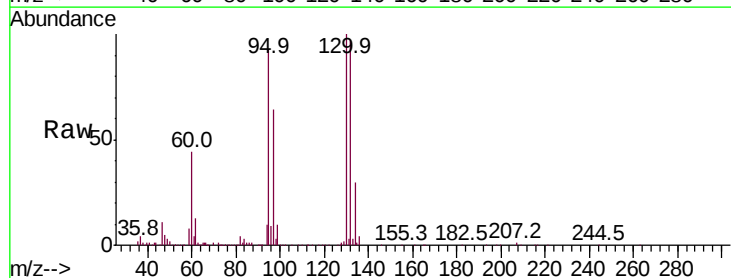
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



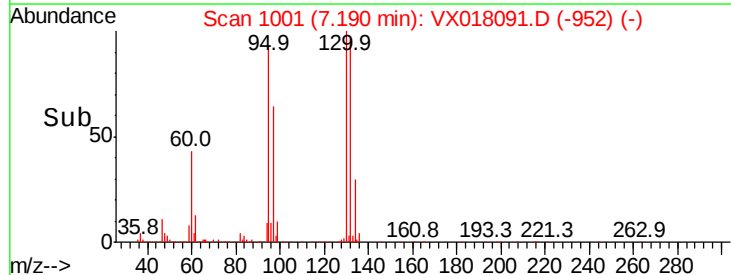
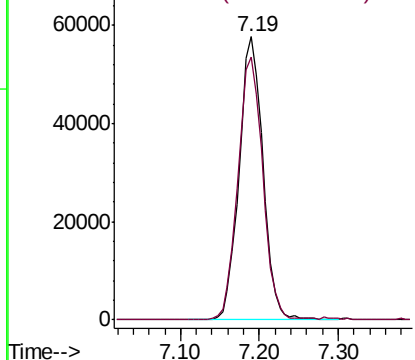
#44

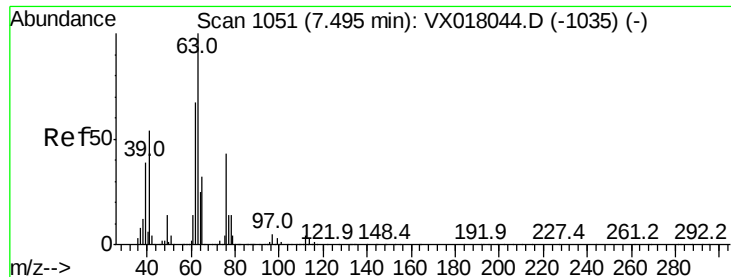
Trichloroethene
 Concen: 19.952 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018091.D
 Acq: 27 Aug 2020 15:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	196.4



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





#45

1,2-Dichloropropane

Concen: 19.216 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

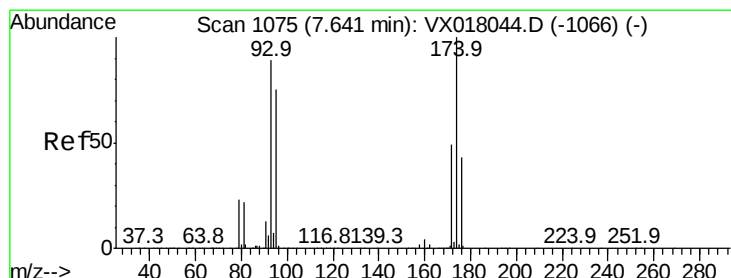
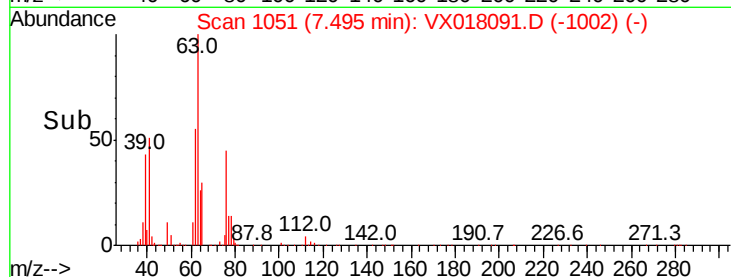
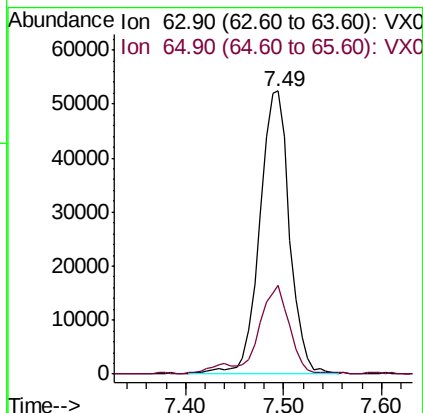
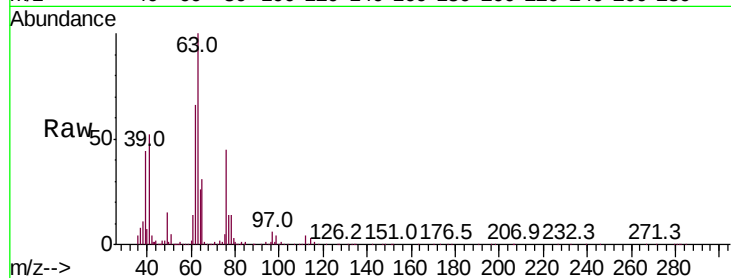
VX0827MBS01

Tot Ion: 63 Resp: 111875

Ion Ratio Lower Upper

63 100

65 31.0 25.7 38.5



#46

Dibromomethane

Concen: 19.197 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

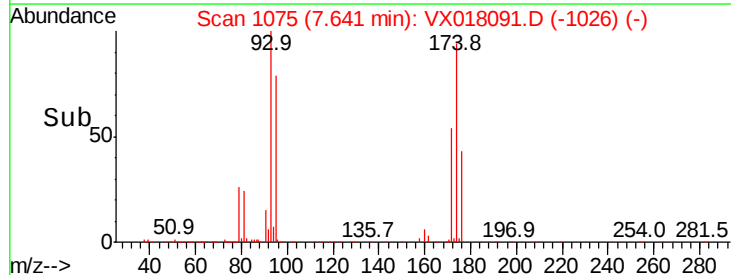
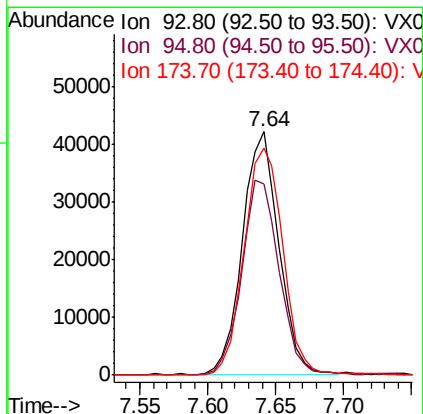
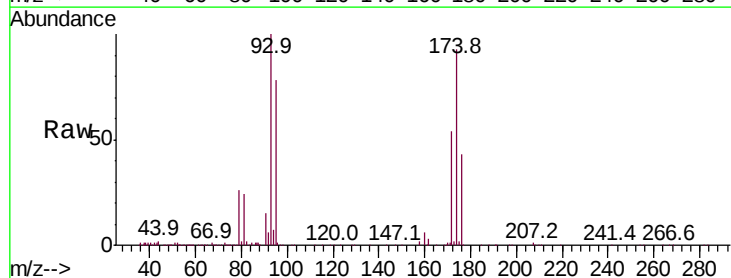
Tgt Ion: 93 Resp: 78595

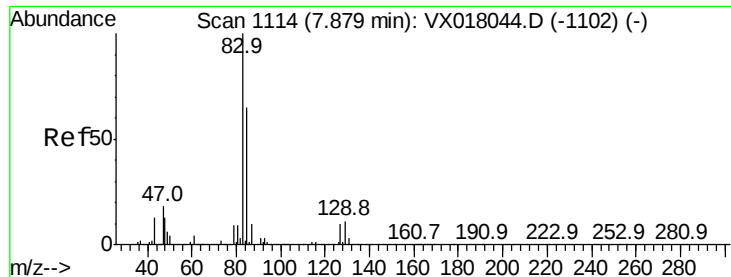
Ion Ratio Lower Upper

93 100

95 83.3 67.3 100.9

174 100.0 82.2 123.2





#47

Bromodichloromethane

Concen: 20.258 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

VX0827MBS01

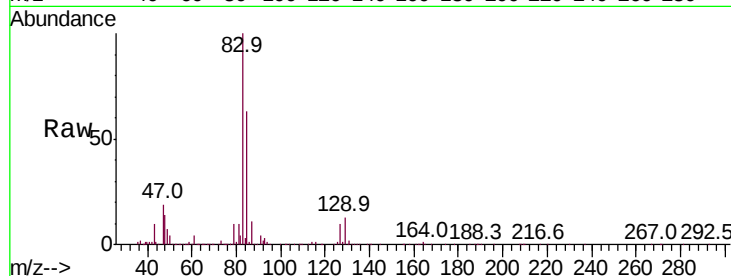
Tot Ion: 83 Resp: 165606

Ion Ratio Lower Upper

83 100

85 62.6 51.8 77.6

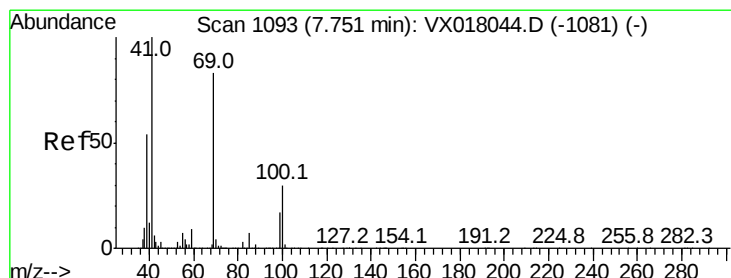
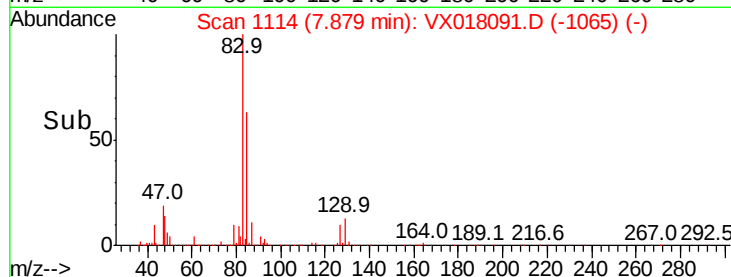
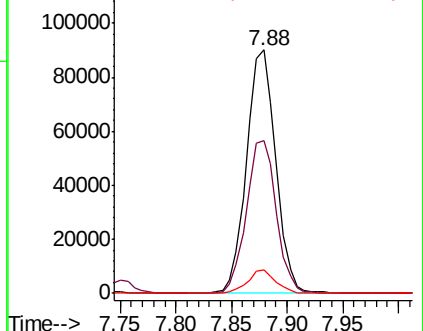
127 9.8 7.7 11.5



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: 17.633 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

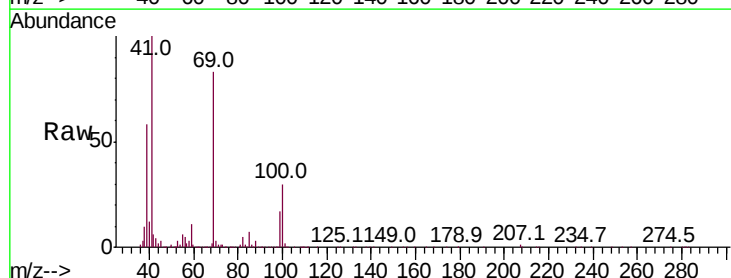
Tgt Ion: 41 Resp: 121054

Ion Ratio Lower Upper

41 100

69 83.7 65.5 98.3

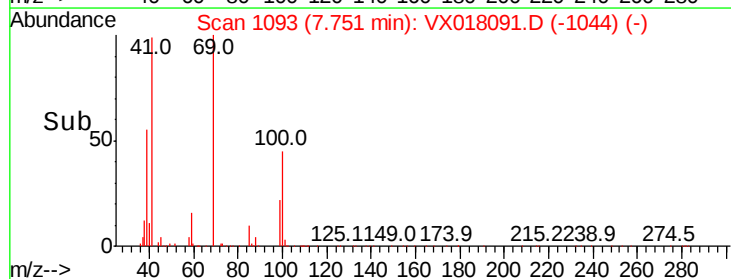
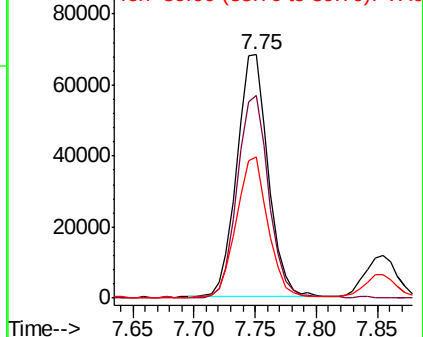
39 59.7 44.5 66.7

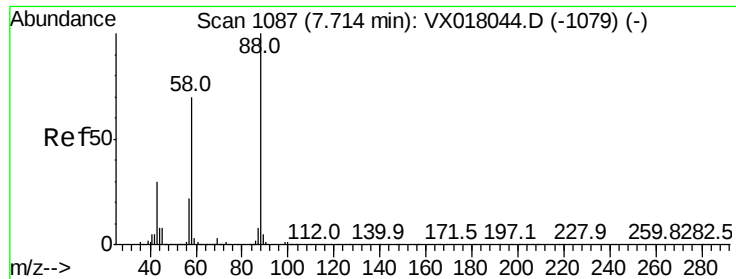


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 385.137 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

VX0827MBS01

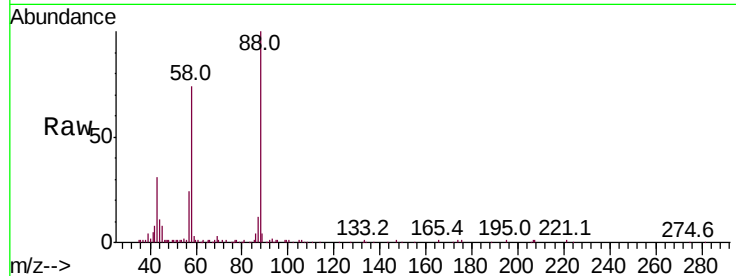
Tot Ion: 88 Resp: 47895

Ion Ratio Lower Upper

88 100

43 36.8 27.4 41.0

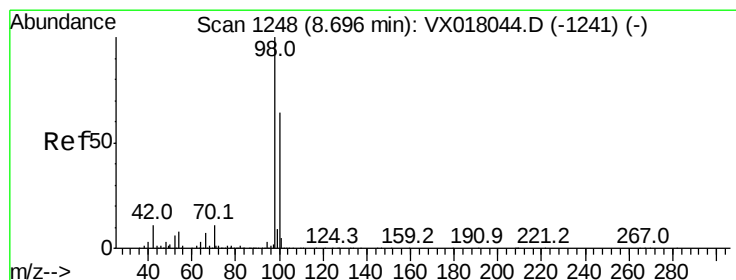
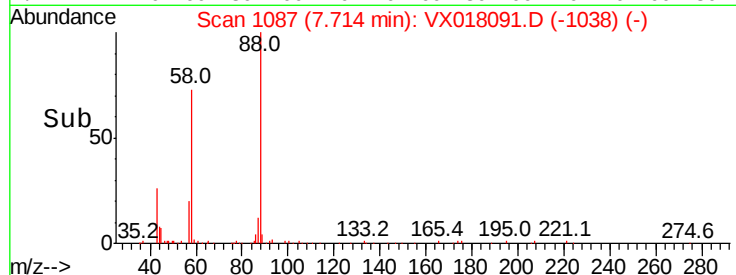
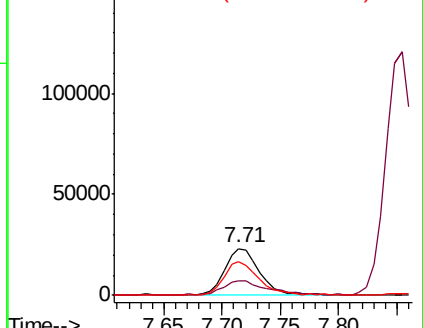
58 74.0 56.4 84.6



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: 49.986 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018091.D

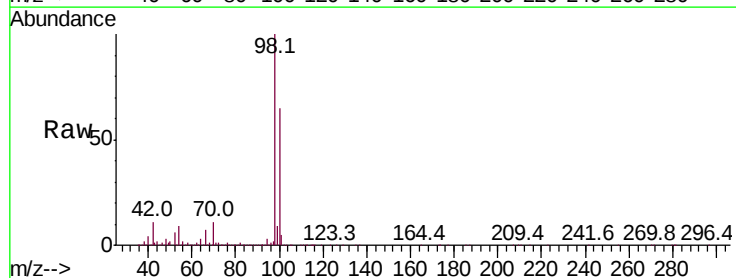
Acq: 27 Aug 2020 15:09

Tgt Ion: 98 Resp: 1010609

Ion Ratio Lower Upper

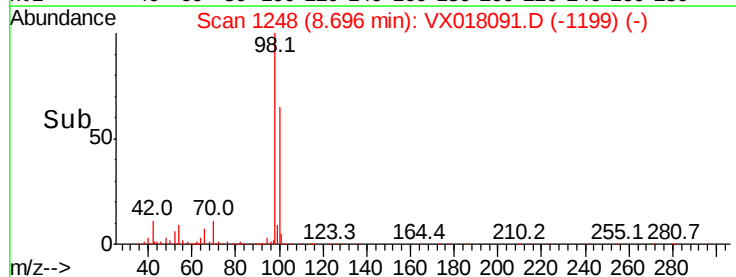
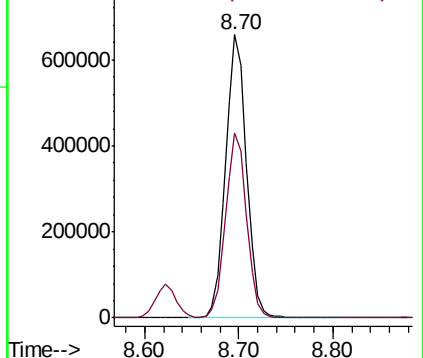
98 100

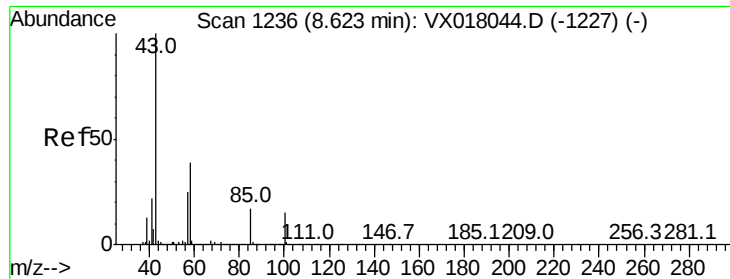
100 65.6 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

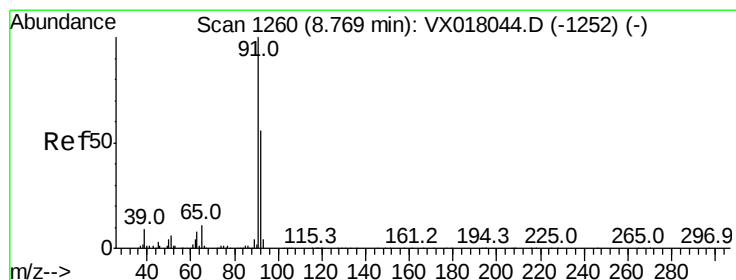
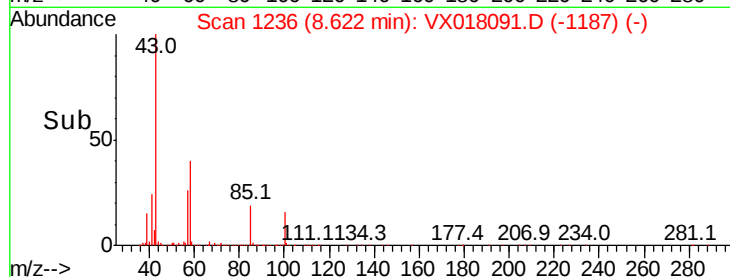
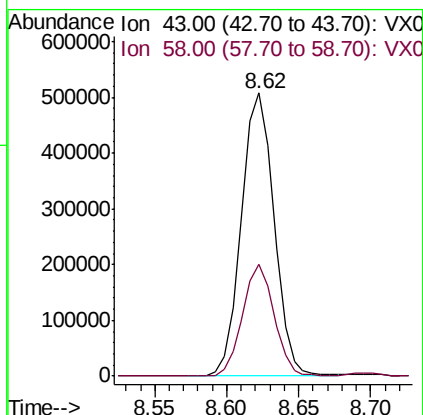
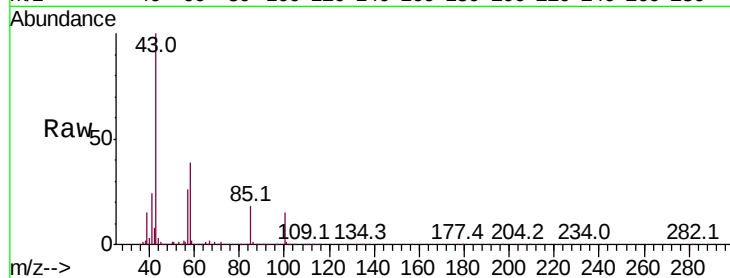




#51
4-Methyl-2-Pentanone
Concen: 93.675 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018091.D
Acq: 27 Aug 2020 15:09

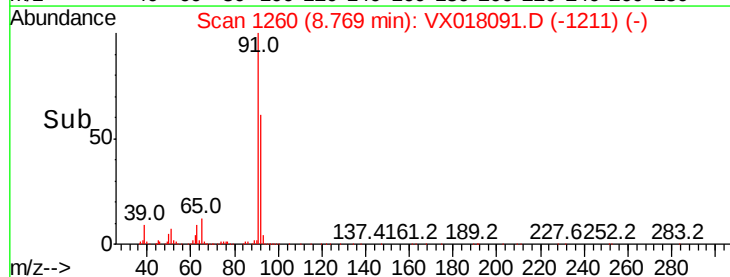
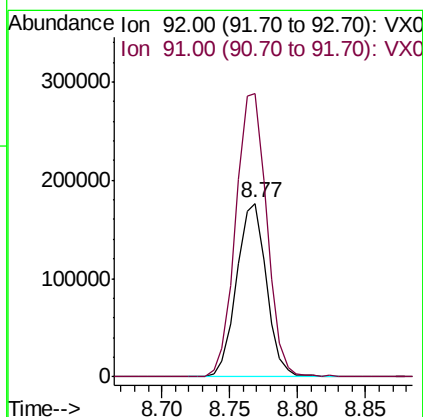
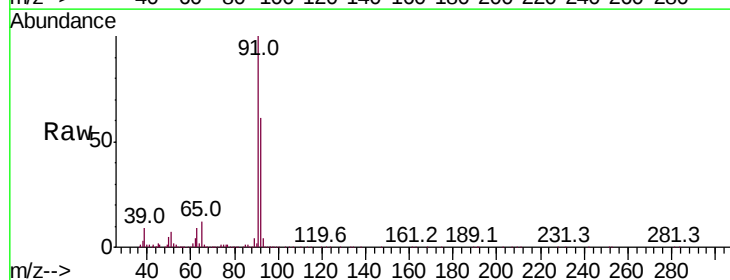
Instrument :
MSVOA_X
ClientSampled :
VX0827MBS01

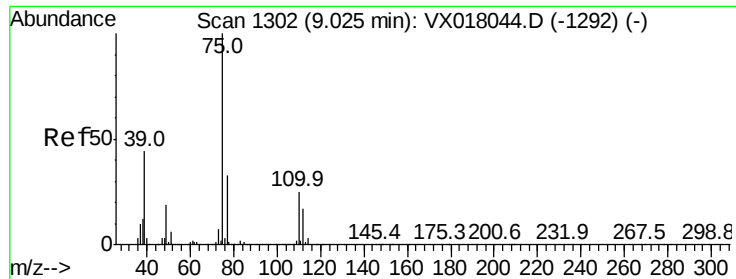
Tot Ion: 43 Resp: 798002
Ion Ratio Lower Upper
43 100
58 38.1 30.7 46.1



#52
Toluene
Concen: 19.761 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX018091.D
Acq: 27 Aug 2020 15:09

Tgt Ion: 92 Resp: 270675
Ion Ratio Lower Upper
92 100
91 170.1 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 19.308 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

Instrument :

MSVOA_X

ClientSampled :

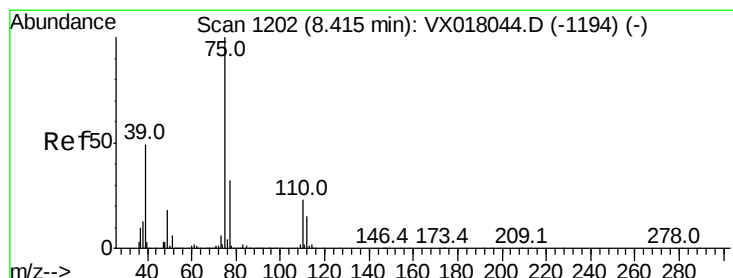
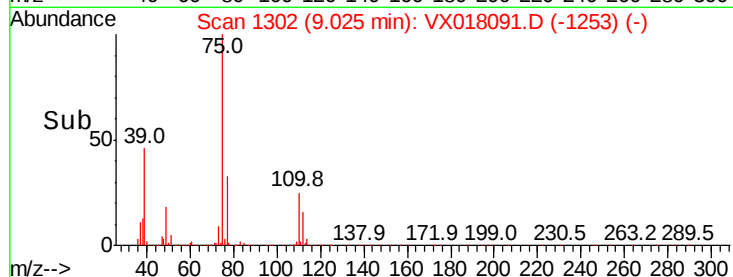
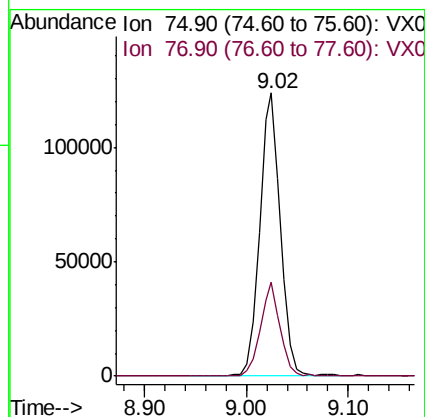
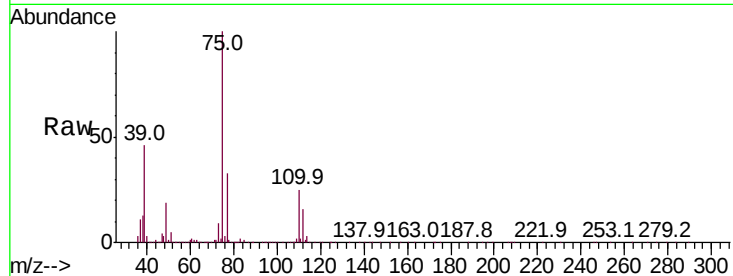
VX0827MBS01

Tot Ion: 75 Resp: 174930

Ion Ratio Lower Upper

75 100

77 33.1 26.6 39.8



#54

cis-1,3-Dichloropropene

Concen: 19.689 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

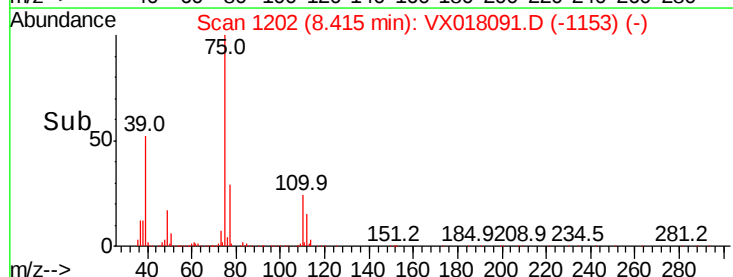
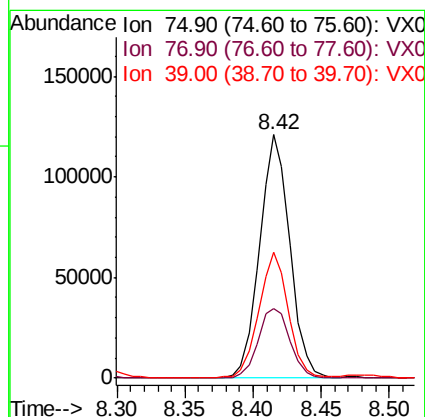
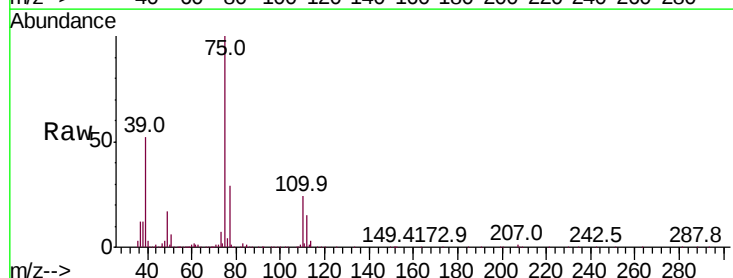
Tgt Ion: 75 Resp: 188970

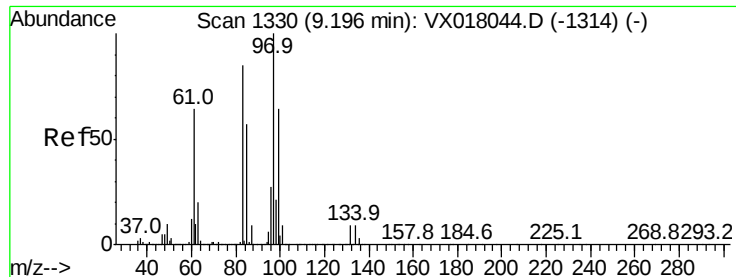
Ion Ratio Lower Upper

75 100

77 28.7 25.8 38.8

39 51.6 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 19.693 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

VX0827MBS01

Tot Ion: 97 Resp: 115047

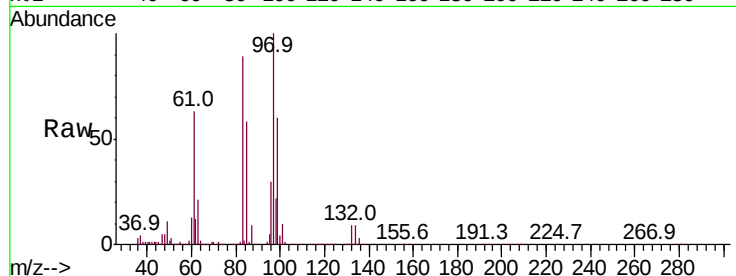
Ion	Ratio	Lower	Upper
97	100		
83	89.1	67.8	101.6
85	58.5	45.3	67.9
99	59.4	50.9	76.3

97 100

83 89.1 67.8 101.6

85 58.5 45.3 67.9

99 59.4 50.9 76.3

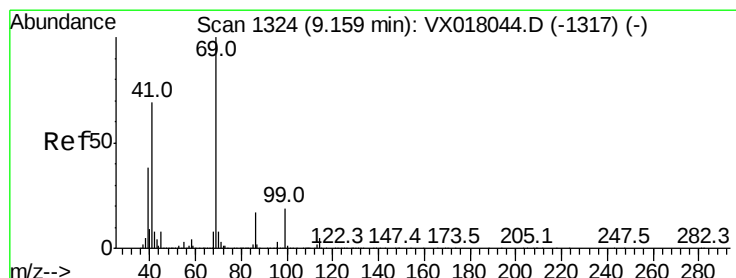
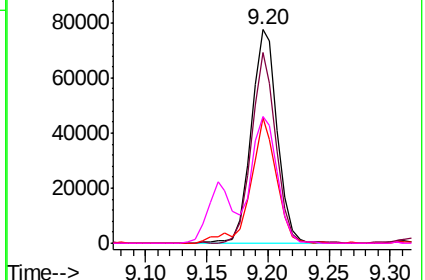
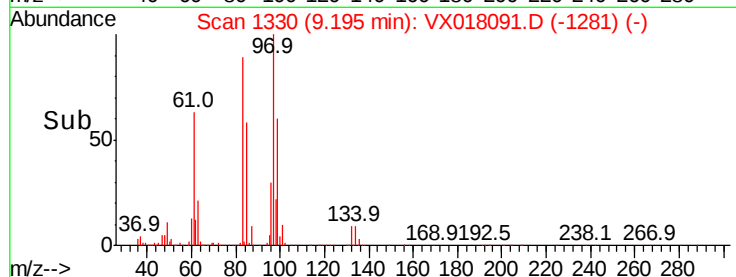


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 17.837 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

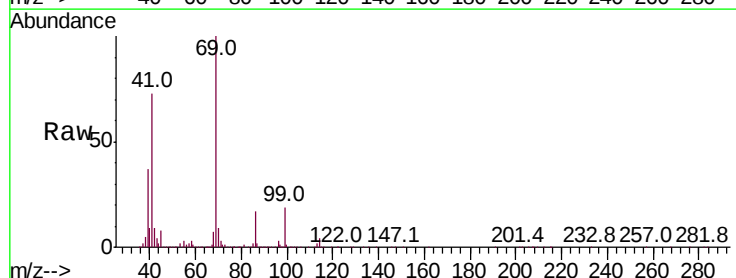
Tgt Ion: 69 Resp: 154909

Ion	Ratio	Lower	Upper
69	100		
41	68.3	54.6	81.8
39	37.3	29.1	43.7

69 100

41 68.3 54.6 81.8

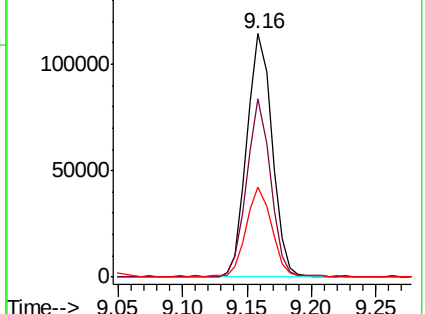
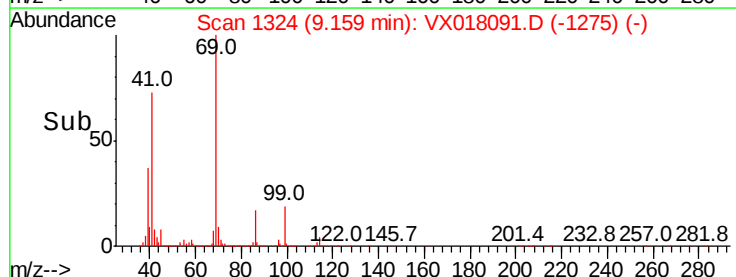
39 37.3 29.1 43.7

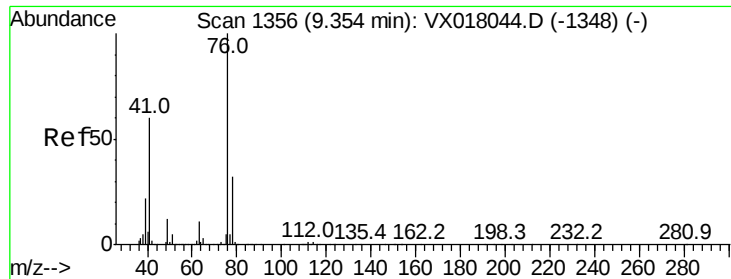


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.243 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

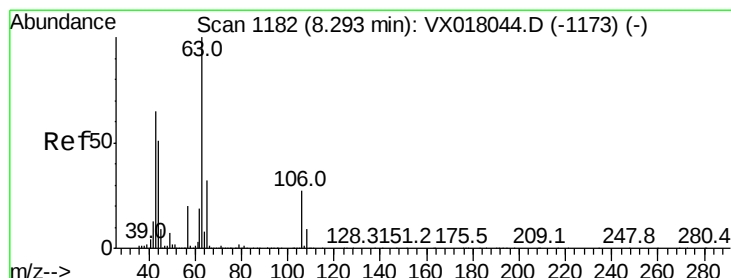
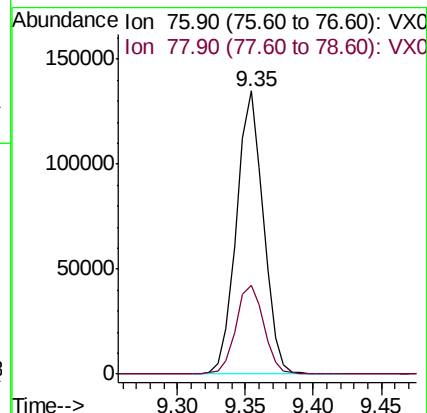
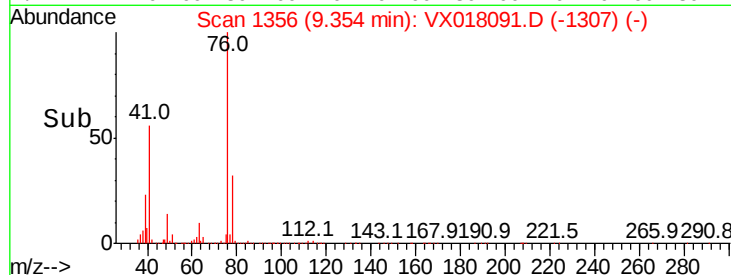
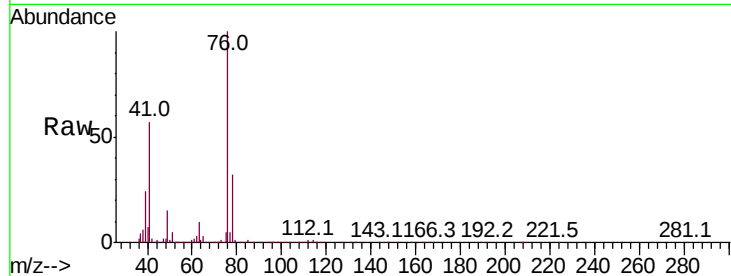
VX0827MBS01

Tot Ion: 76 Resp: 185409

Ion Ratio Lower Upper

76 100

78 33.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 89.518 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018091.D

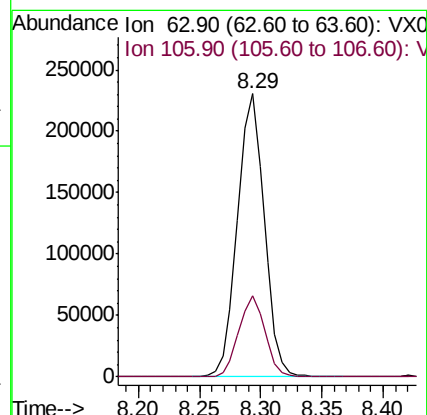
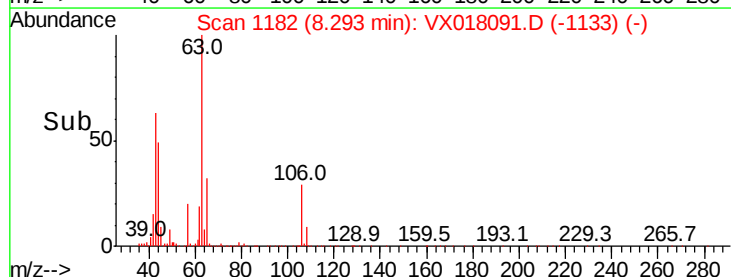
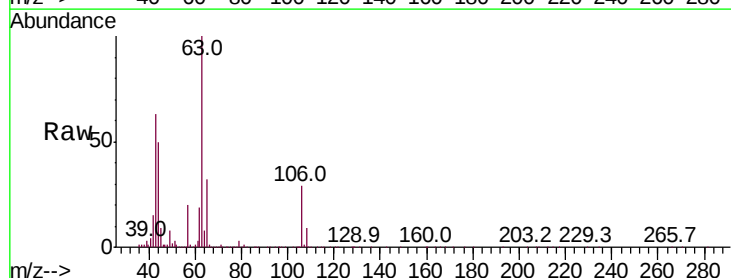
Acq: 27 Aug 2020 15:09

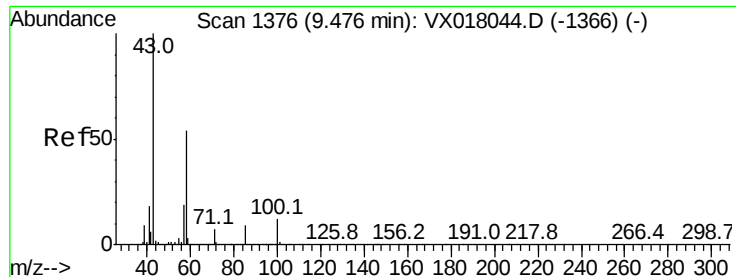
Tgt Ion: 63 Resp: 349722

Ion Ratio Lower Upper

63 100

106 28.2 22.1 33.1

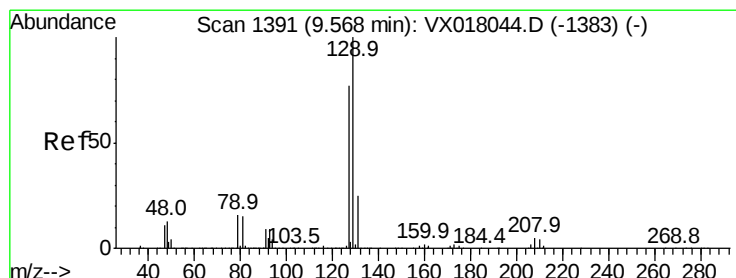
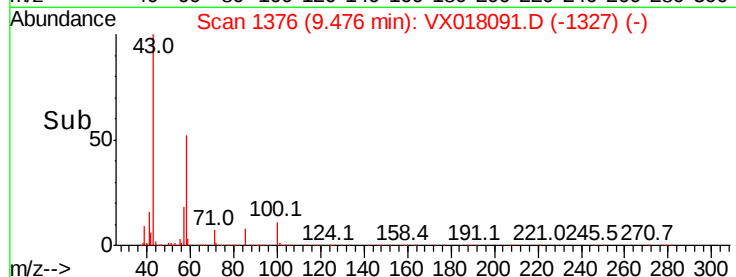
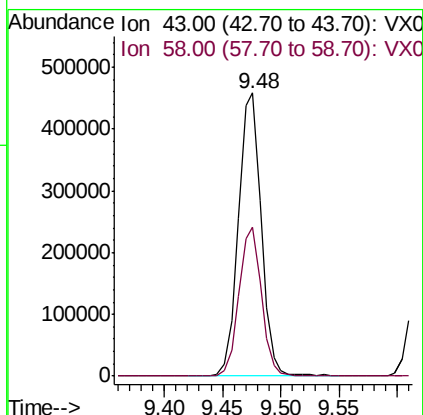
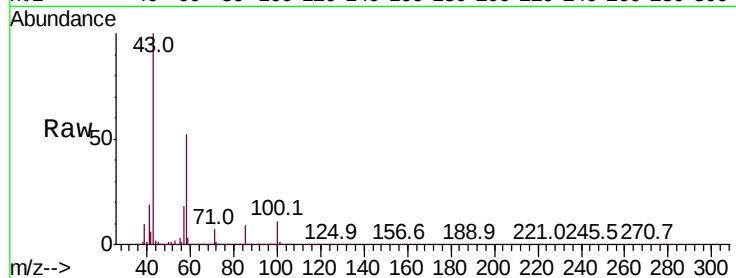




#59
2-Hexanone
Concen: 96.442 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018091.D
Acq: 27 Aug 2020 15:09

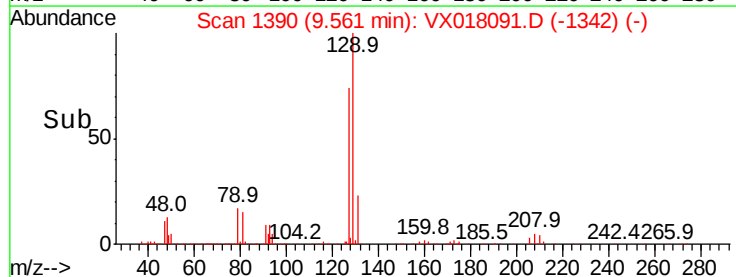
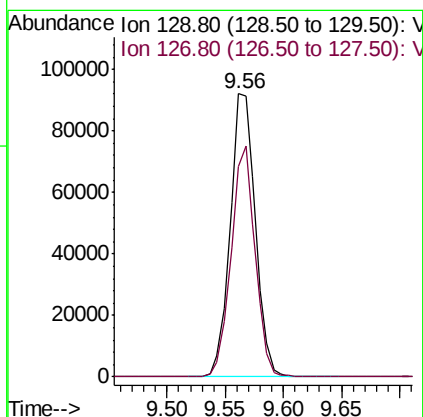
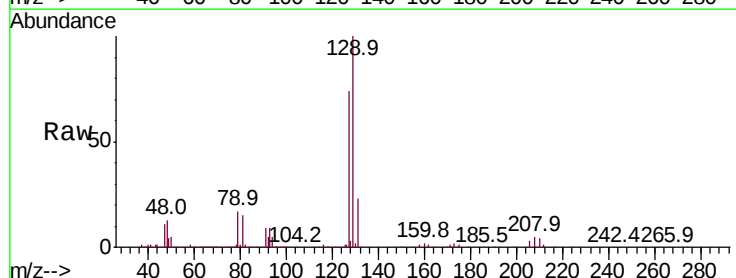
Instrument :
MSVOA_X
ClientSampleId :
VX0827MBS01

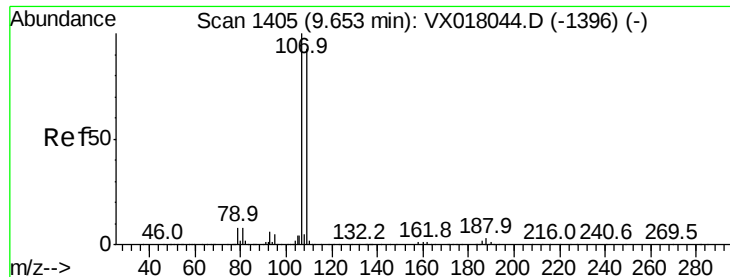
Tot Ion: 43 Resp: 624714
Ion Ratio Lower Upper
43 100
58 52.0 26.6 79.7



#60
Dibromochloromethane
Concen: 20.218 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018091.D
Acq: 27 Aug 2020 15:09

Tgt Ion: 129 Resp: 138553
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.6





#61

1,2-Dibromoethane

Concen: 19.424 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

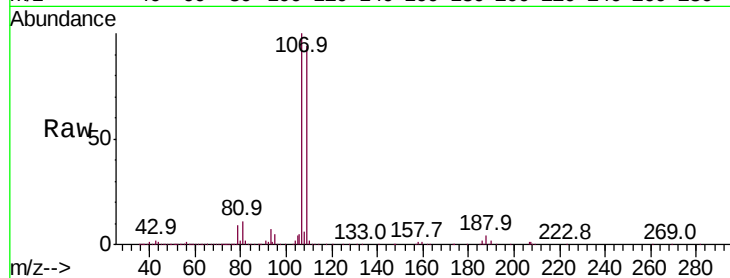
VX0827MBS01

Tot Ion:107 Resp: 123196

Ion Ratio Lower Upper

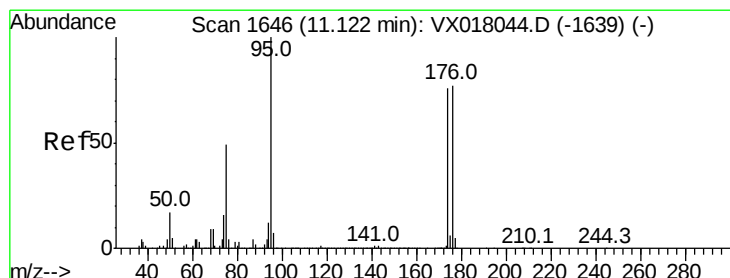
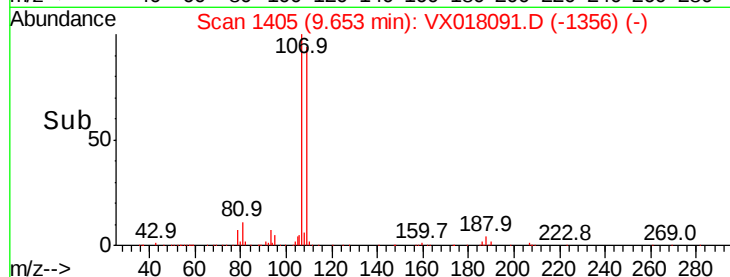
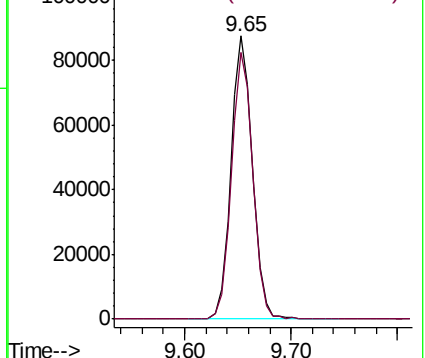
107 100

109 94.2 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.914 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

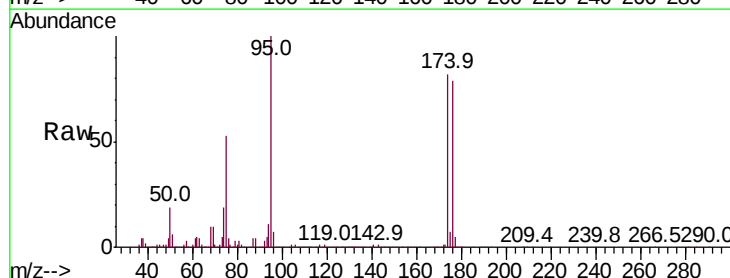
Tgt Ion: 95 Resp: 397039

Ion Ratio Lower Upper

95 100

174 80.8 0.0 160.2

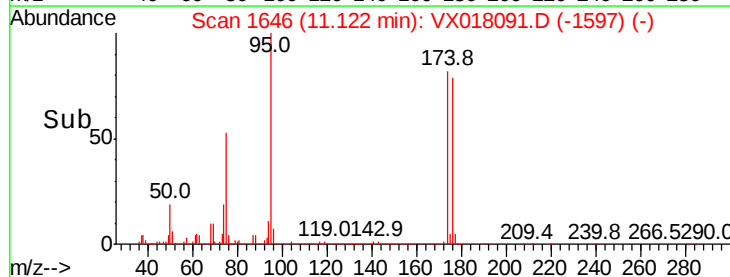
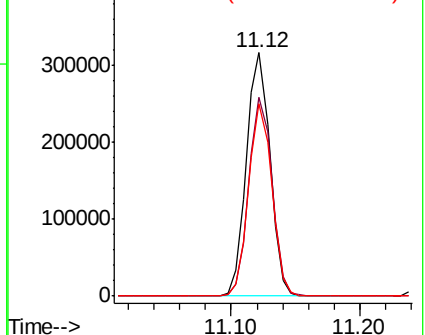
176 78.0 0.0 155.8

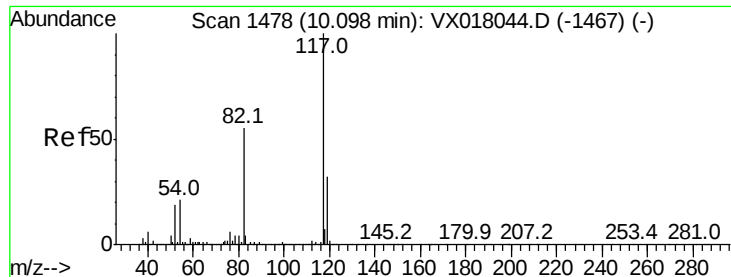


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

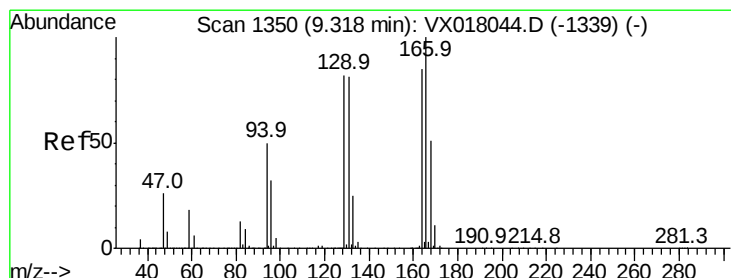
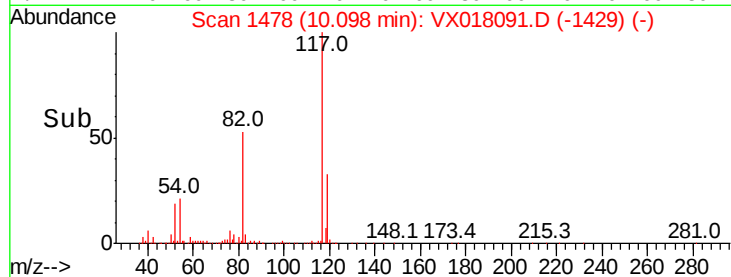
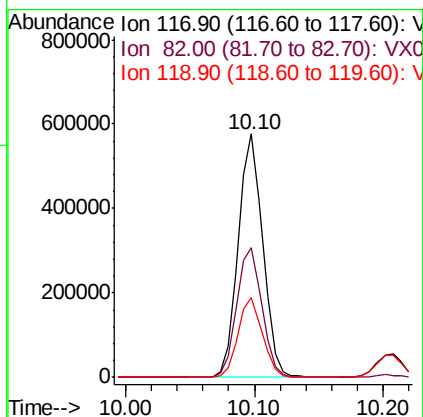
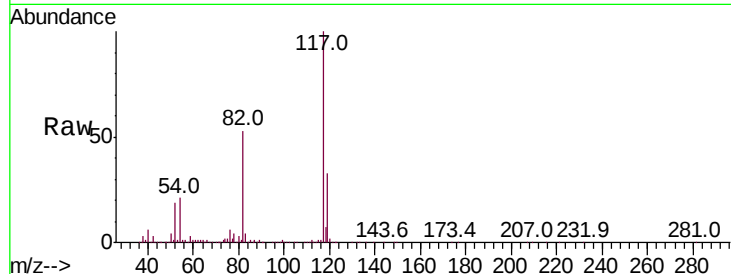




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018091.D
Acq: 27 Aug 2020 15:09

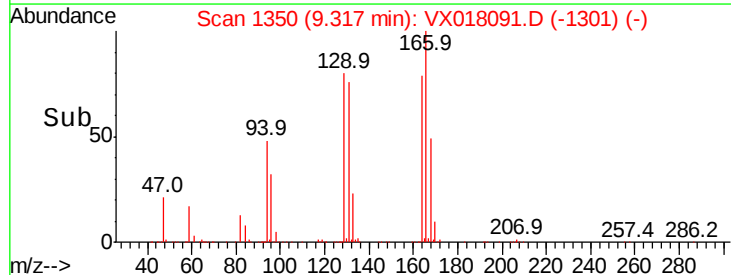
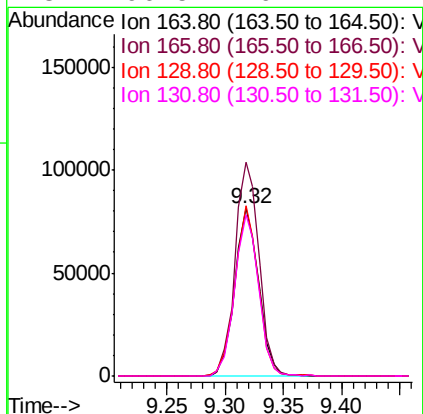
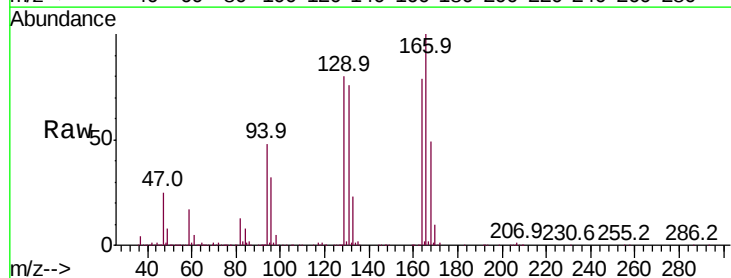
Instrument :
MSVOA_X
ClientSampleId :
VX0827MBS01

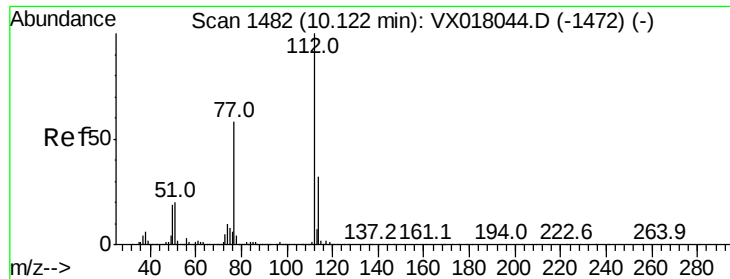
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	44.2	66.2
119	32.5	25.7	38.5



#64
Tetrachloroethene
Concen: 20.863 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018091.D
Acq: 27 Aug 2020 15:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	94.2	141.2
129	101.6	76.9	115.3
131	96.5	76.1	114.1

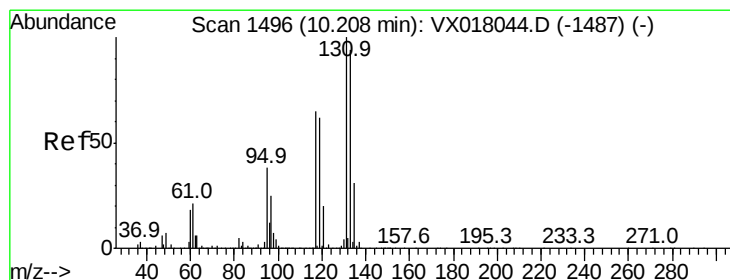
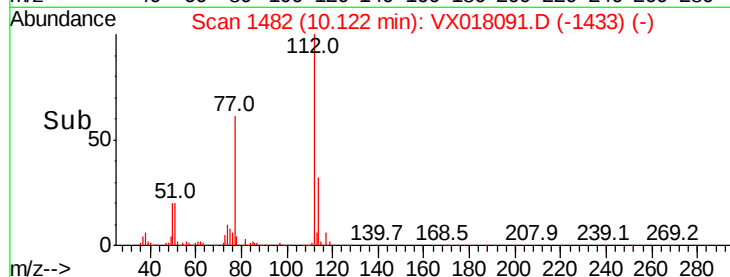
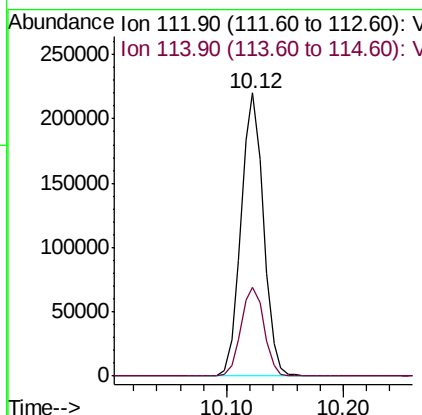
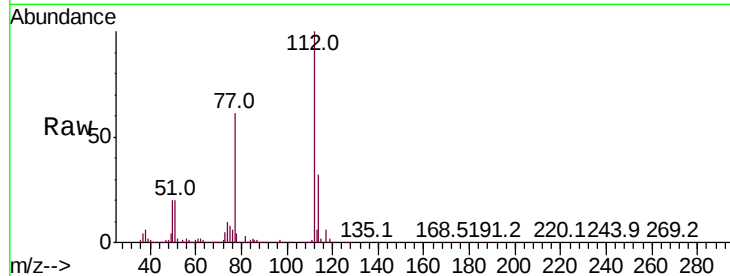




#65
Chlorobenzene
Concen: 19.500 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018091.D
Acq: 27 Aug 2020 15:09

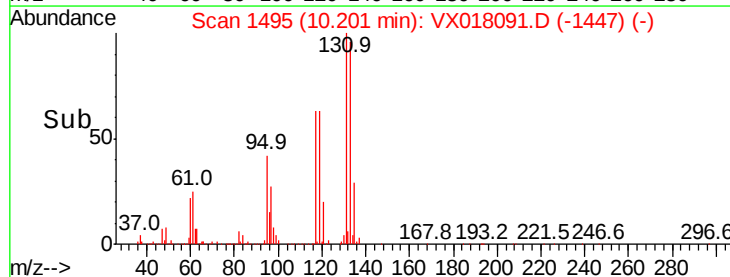
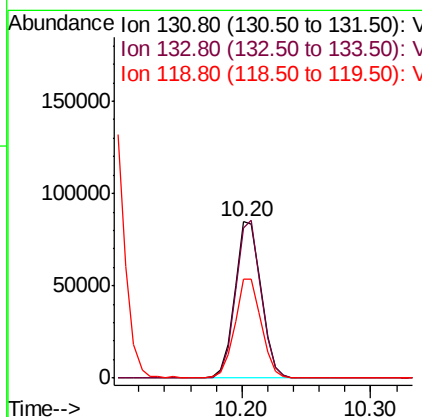
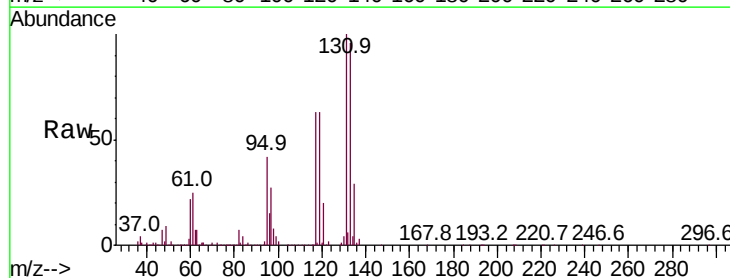
Instrument :
MSVOA_X
ClientSampleId :
VX0827MBS01

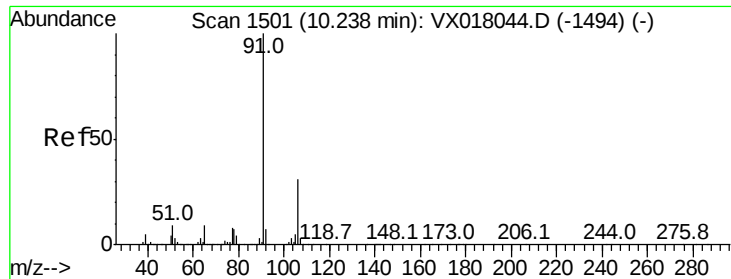
Tot Ion:112 Resp: 297245
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.960 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX018091.D
Acq: 27 Aug 2020 15:09

Tgt Ion:131 Resp: 119920
Ion Ratio Lower Upper
131 100
133 98.3 46.7 140.1
119 64.1 31.8 95.4

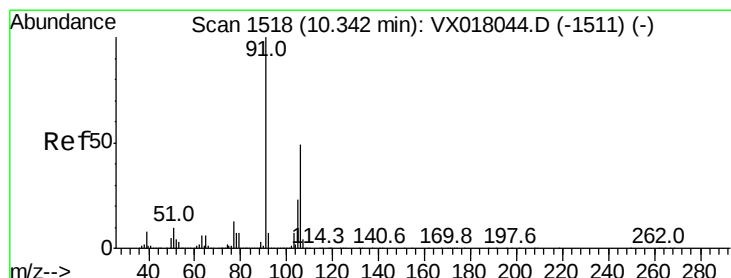
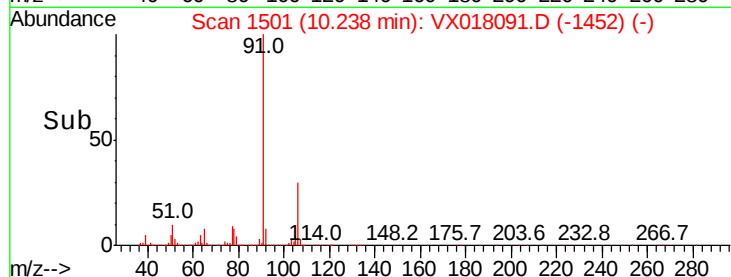
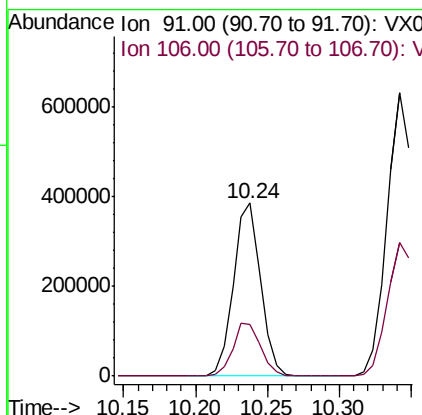
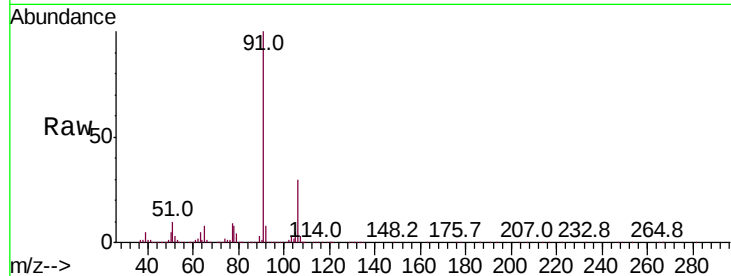




#67
Ethyl Benzene
Concen: 19.594 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018091.D
Acq: 27 Aug 2020 15:09

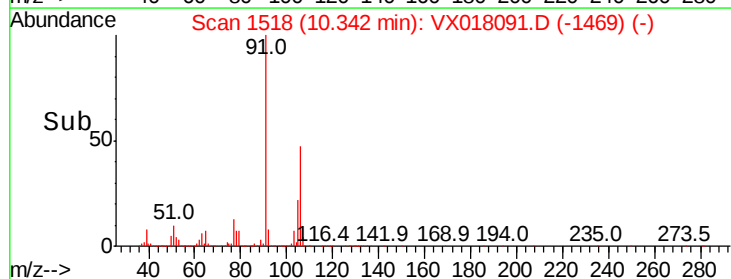
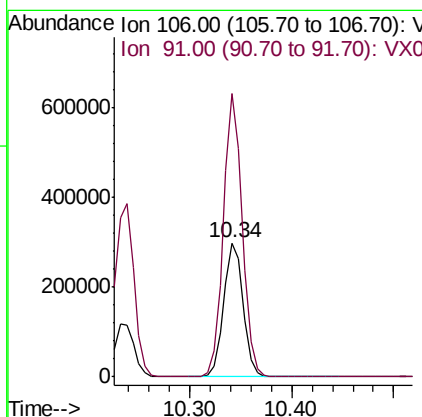
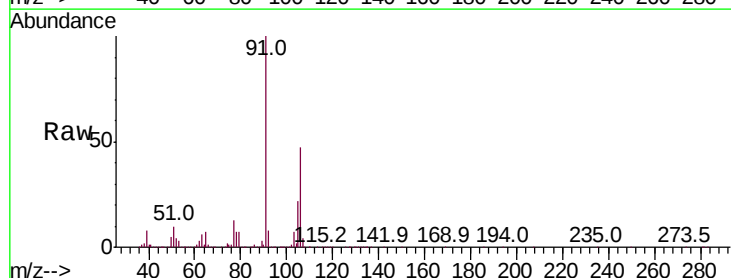
Instrument :
MSVOA_X
ClientSampleId :
VX0827MBS01

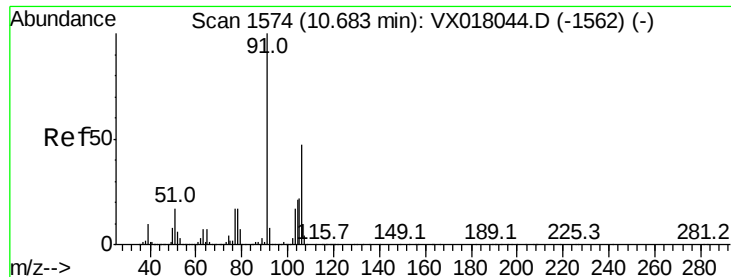
Tot Ion: 91 Resp: 507943
Ion Ratio Lower Upper
91 100
106 29.8 24.9 37.3



#68
m/p-Xylenes
Concen: 40.613 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018091.D
Acq: 27 Aug 2020 15:09

Tgt Ion: 106 Resp: 392956
Ion Ratio Lower Upper
106 100
91 206.2 162.2 243.2

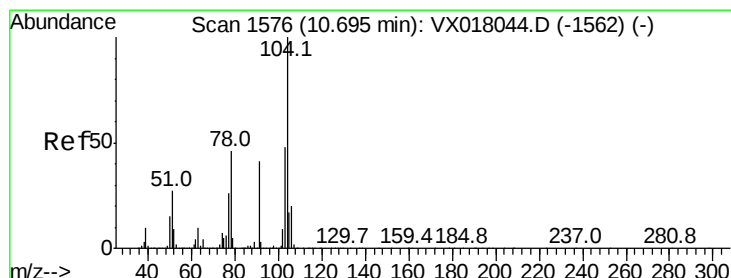
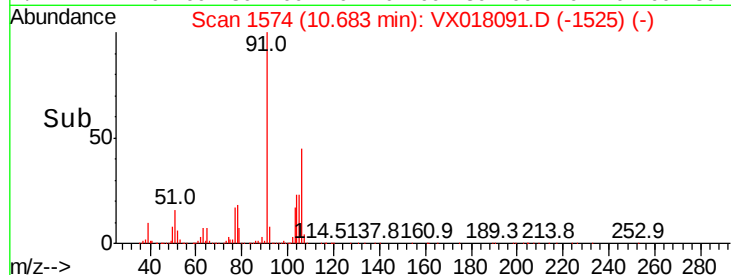
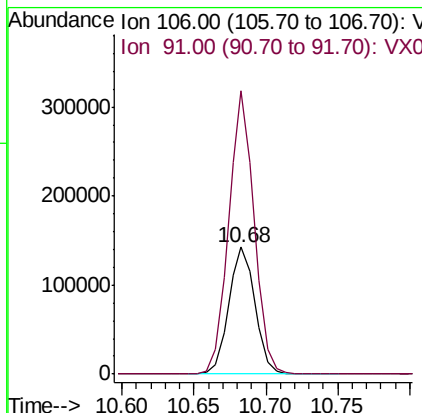
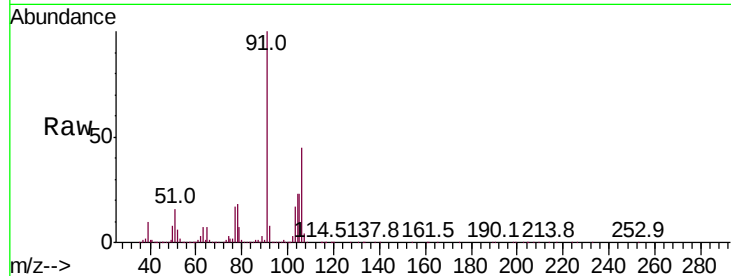




#69
o-Xylene
Concen: 19.488 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018091.D
Acq: 27 Aug 2020 15:09

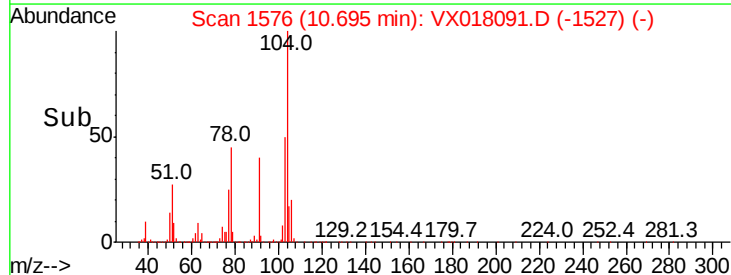
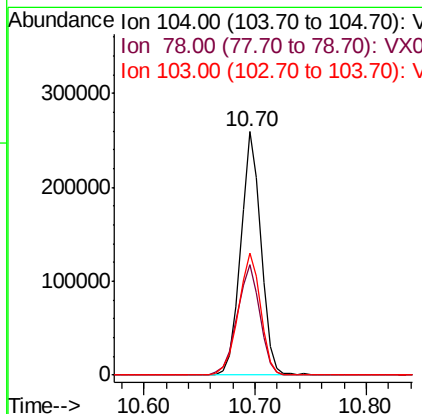
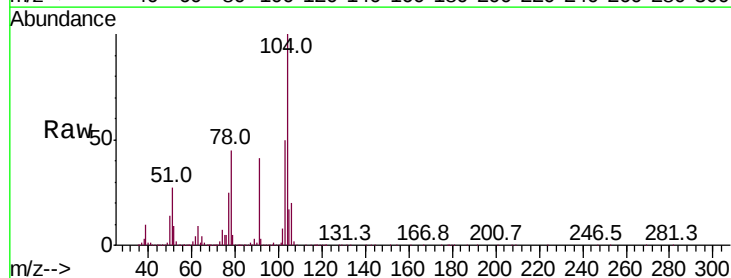
Instrument :
MSVOA_X
ClientSampleId :
VX0827MBS01

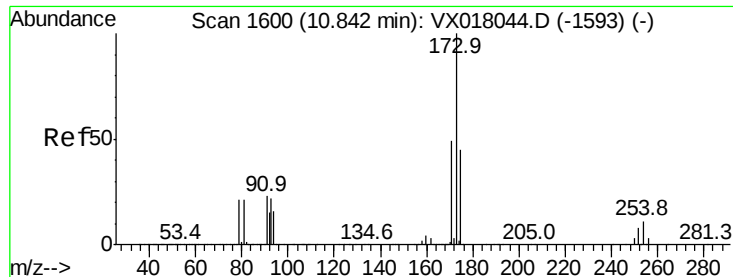
Tot Ion:106 Resp: 182792
Ion Ratio Lower Upper
106 100
91 216.5 107.1 321.3



#70
Styrene
Concen: 20.369 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018091.D
Acq: 27 Aug 2020 15:09

Tgt Ion:104 Resp: 325362
Ion Ratio Lower Upper
104 100
78 51.0 40.9 61.3
103 55.1 43.6 65.4





#71

Bromoform

Concen: 20.645 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

VX0827MBS01

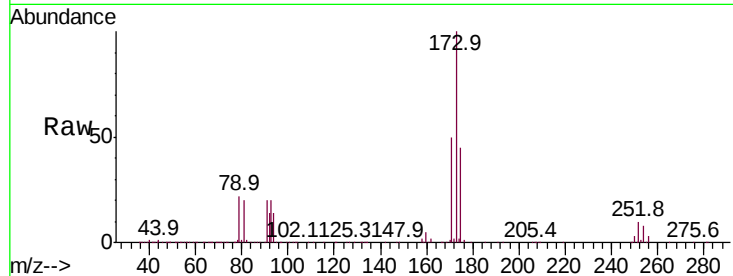
Tot Ion:173 Resp: 105799

Ion Ratio Lower Upper

173 100

175 46.9 23.9 71.8

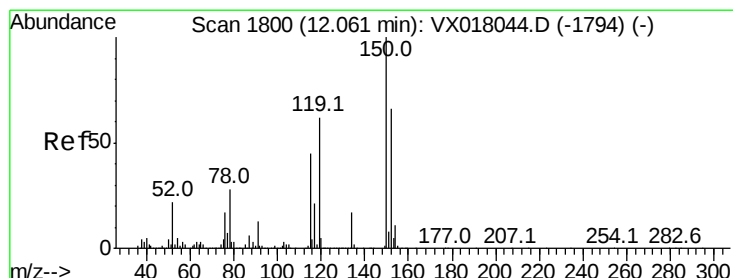
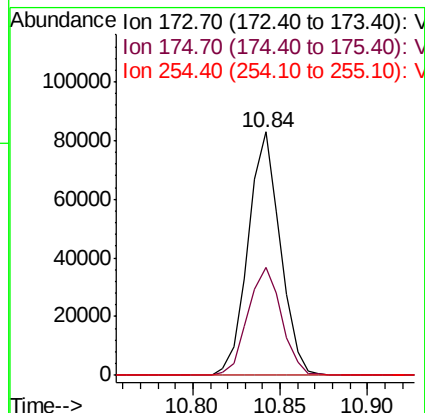
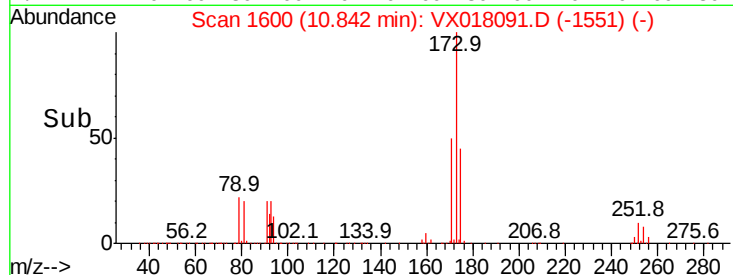
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

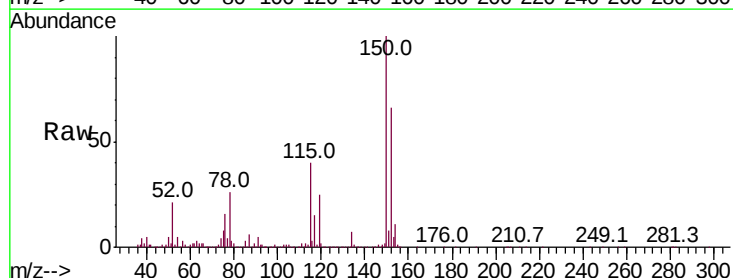
Tgt Ion:152 Resp: 397533

Ion Ratio Lower Upper

152 100

115 68.5 41.5 124.5

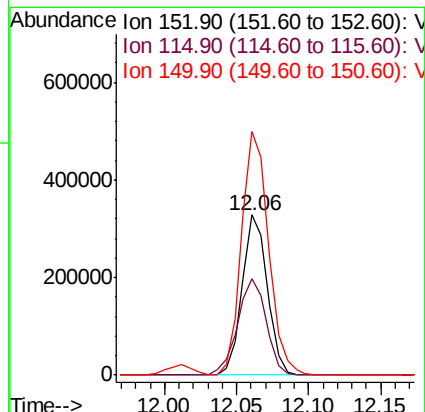
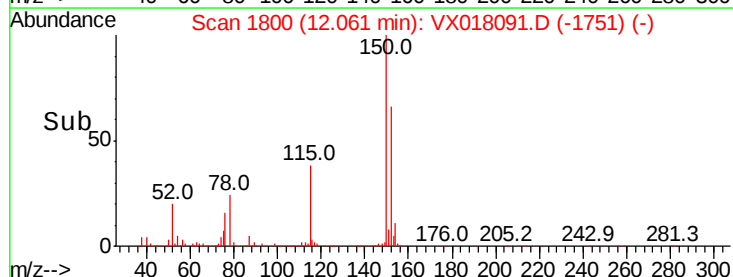
150 163.3 0.0 343.8

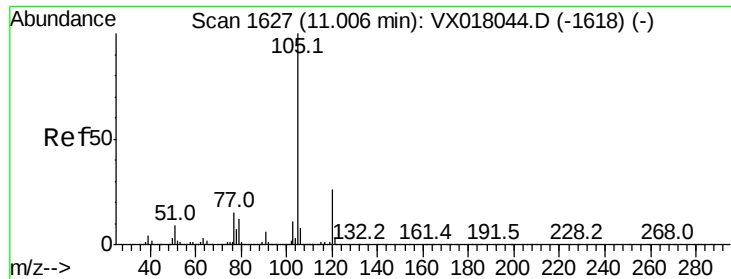


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.383 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

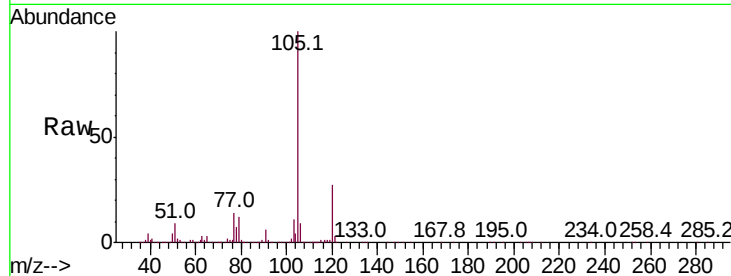
VX0827MBS01

Tot Ion:105 Resp: 508267

Ion Ratio Lower Upper

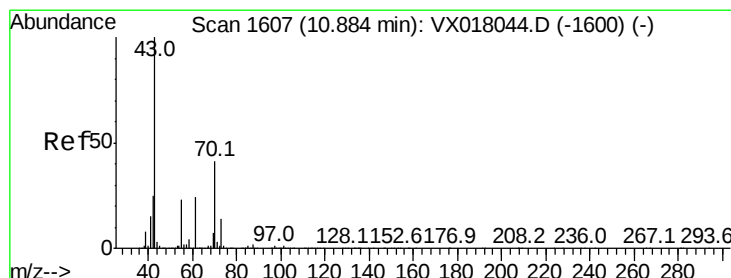
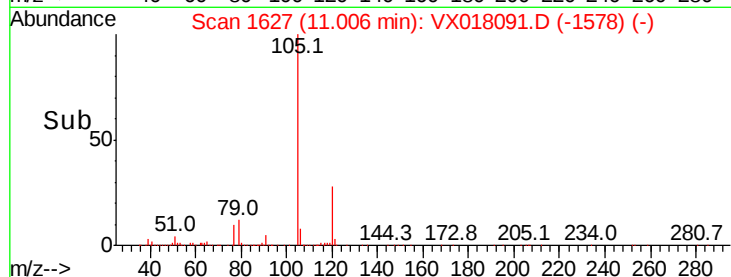
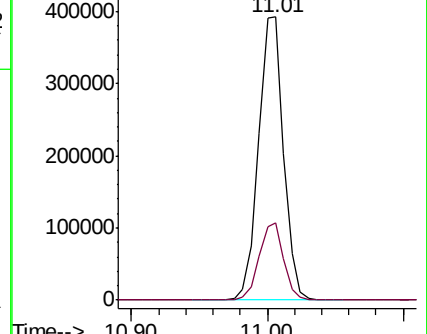
105 100

120 26.5 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.820 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

Tgt Ion: 43 Resp: 221702

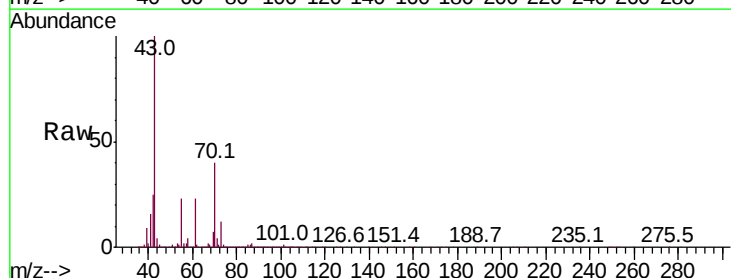
Ion Ratio Lower Upper

43 100

70 40.3 32.3 48.5

55 24.0 18.2 27.2

61 23.5 18.9 28.3

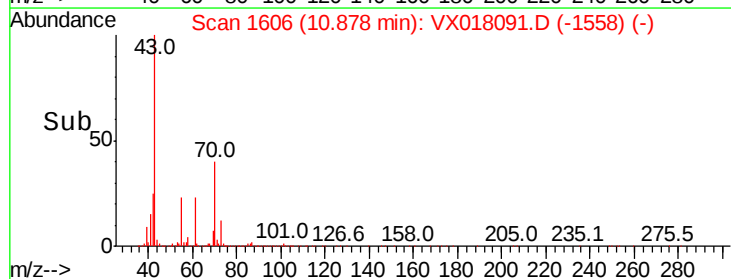
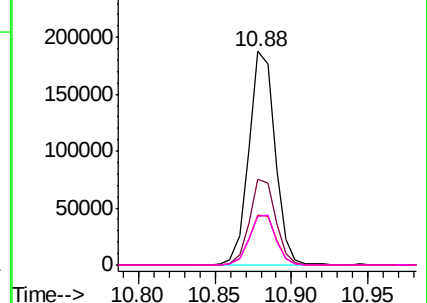


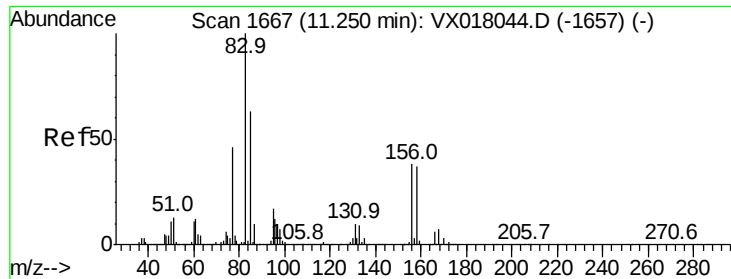
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.728 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

VX0827MBS01

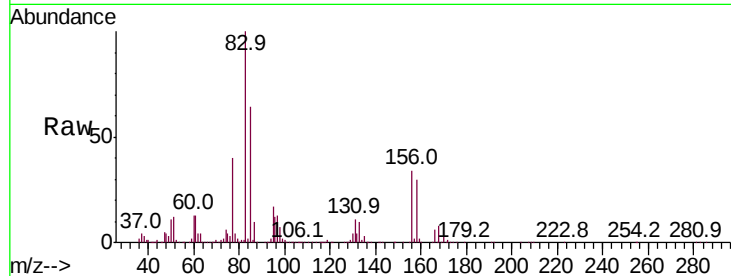
Tot Ion: 83 Resp: 163984

Ion Ratio Lower Upper

83 100

131 11.1 5.1 15.4

85 65.0 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0

11.25

150000

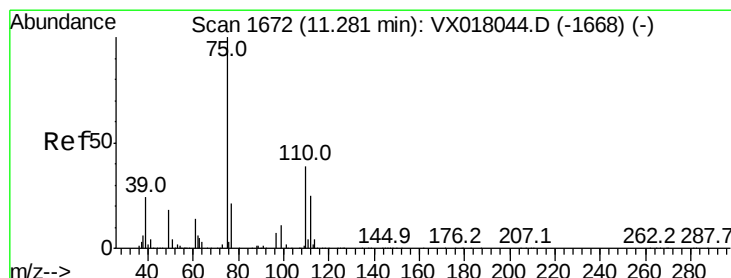
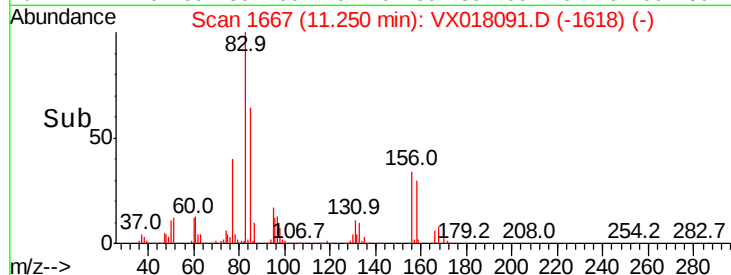
100000

50000

0

Time-->

11.20 11.30



#76

1,2,3-Trichloropropane

Concen: 22.996 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018091.D

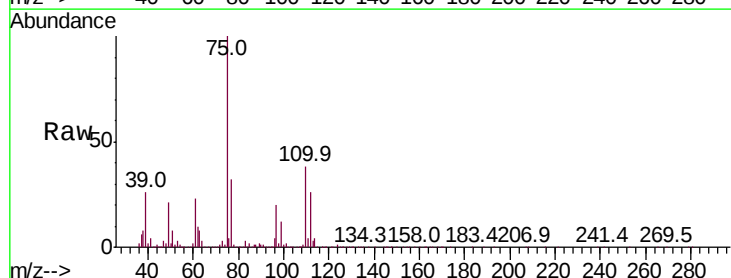
Acq: 27 Aug 2020 15:09

Tgt Ion: 75 Resp: 203357

Ion Ratio Lower Upper

75 100

77 32.4 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

200000

150000

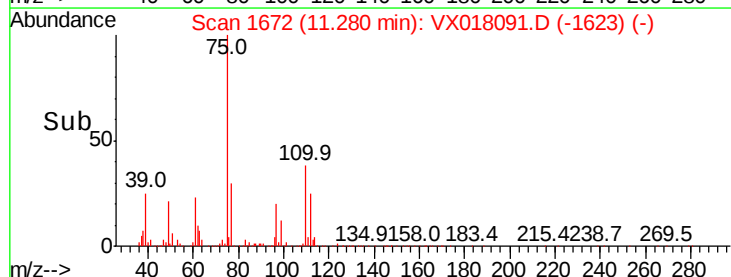
100000

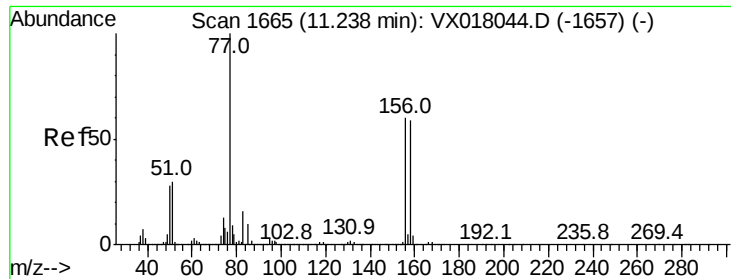
50000

0

Time-->

11.25 11.30





#77

Bromobenzene

Concen: 18.885 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

VX0827MBS01

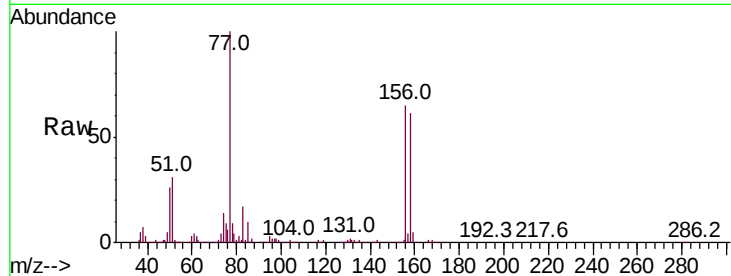
Tot Ion:156 Resp: 136885

Ion Ratio Lower Upper

156 100

77 157.5 80.0 240.2

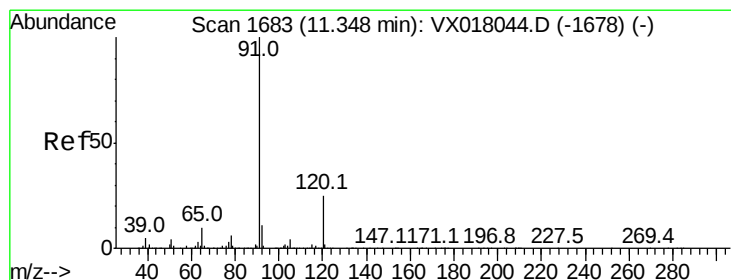
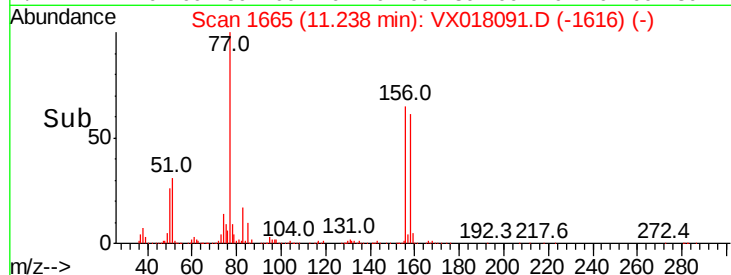
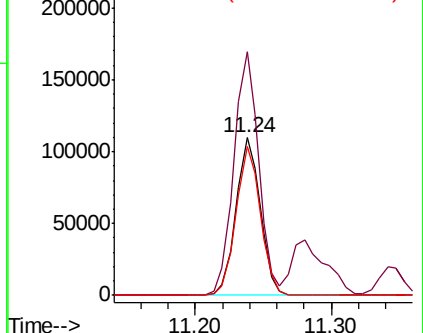
158 94.3 49.5 148.7



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: 19.516 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018091.D

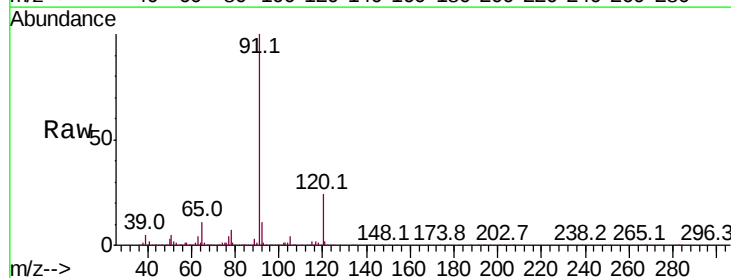
Acq: 27 Aug 2020 15:09

Tgt Ion: 91 Resp: 581053

Ion Ratio Lower Upper

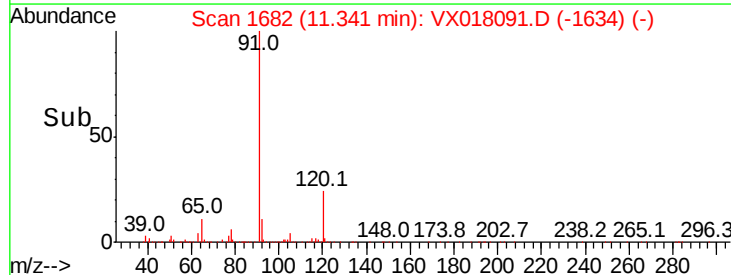
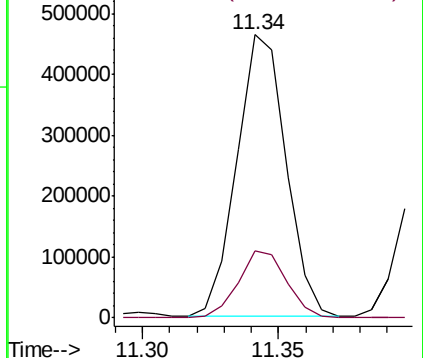
91 100

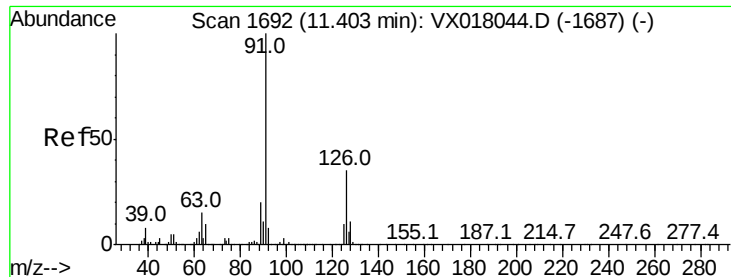
120 23.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.354 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

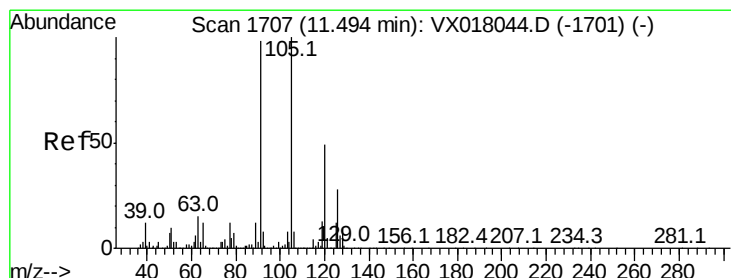
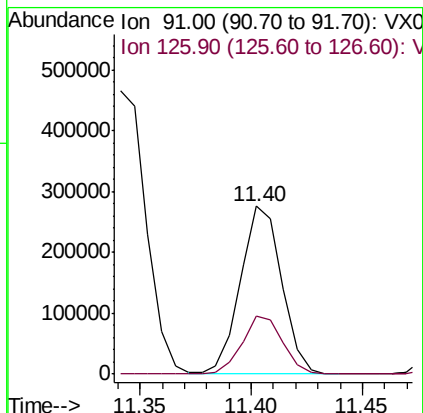
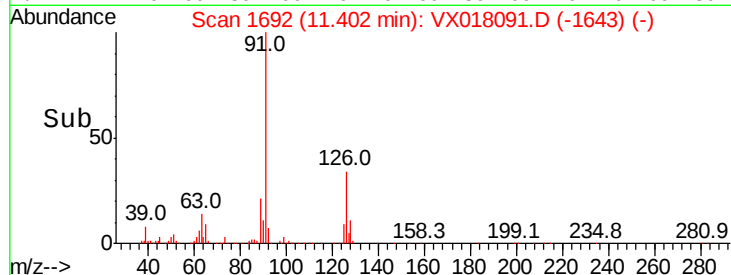
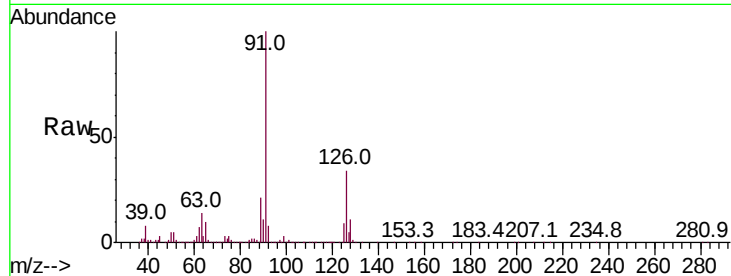
VX0827MBS01

Tot Ion: 91 Resp: 356014

Ion Ratio Lower Upper

91 100

126 34.1 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 20.307 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018091.D

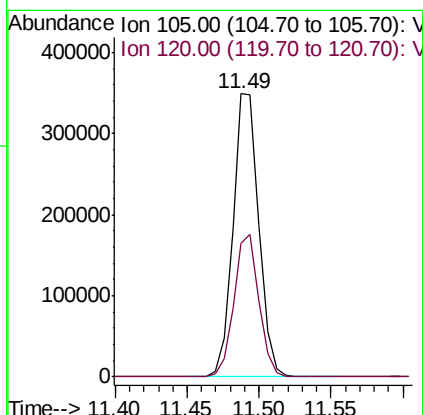
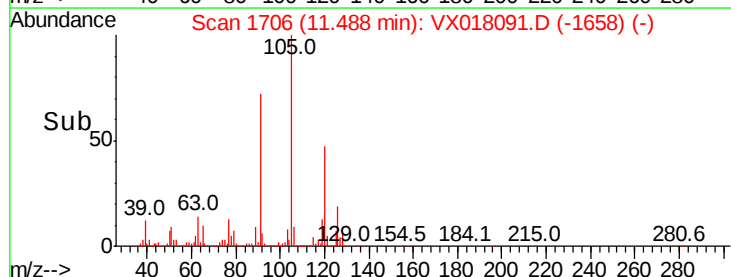
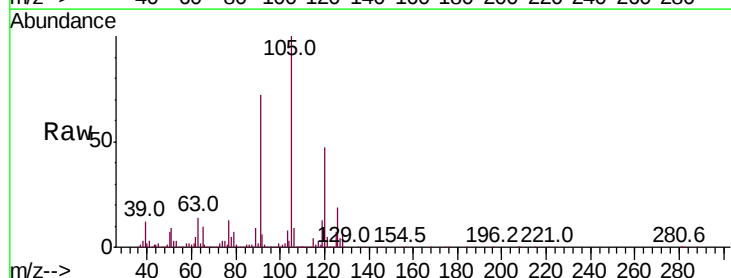
Acq: 27 Aug 2020 15:09

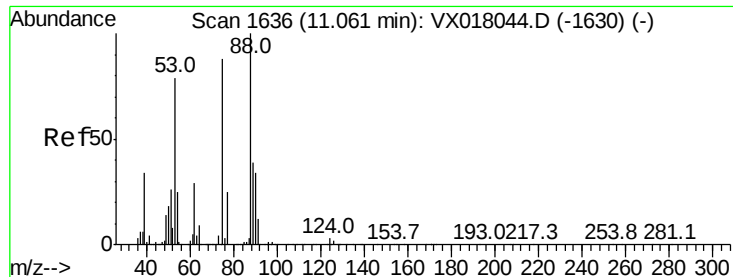
Tgt Ion: 105 Resp: 437580

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.2

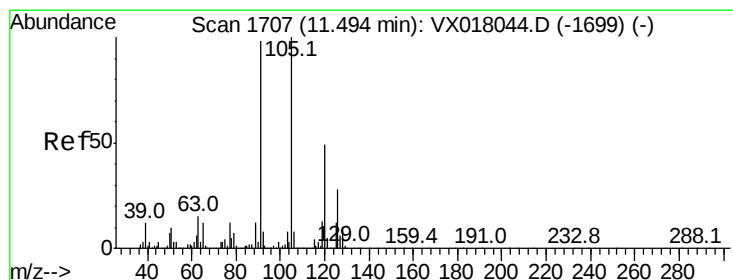
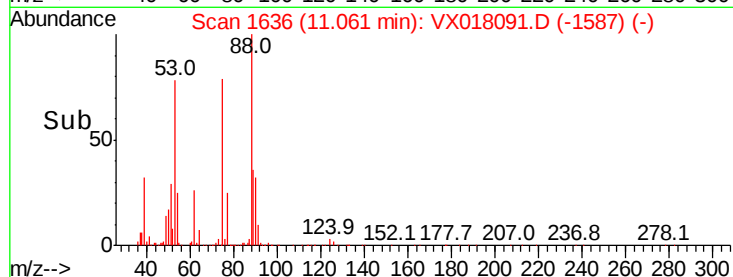
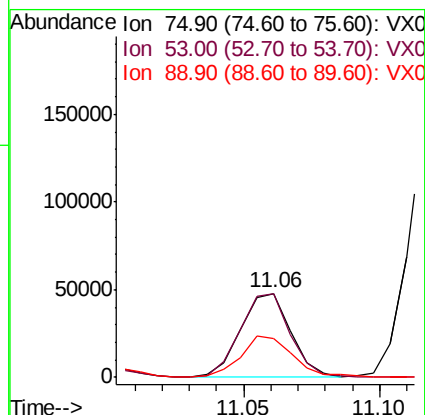
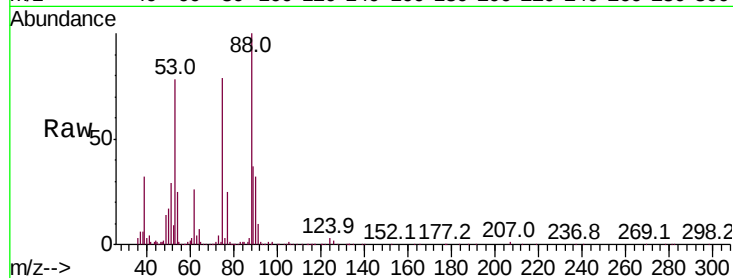




#81
trans-1,4-Dichloro-2-butene
Concen: 18.606 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX018091.D
Acq: 27 Aug 2020 15:09

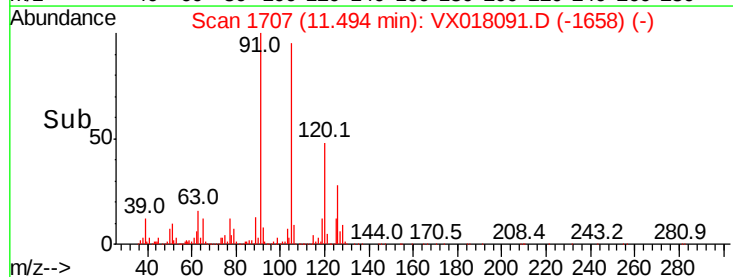
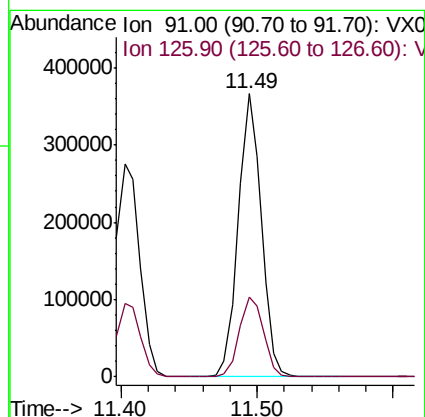
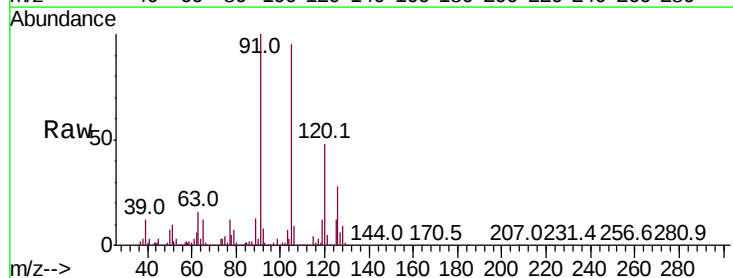
Instrument :
MSVOA_X
ClientSampleId :
VX0827MBS01

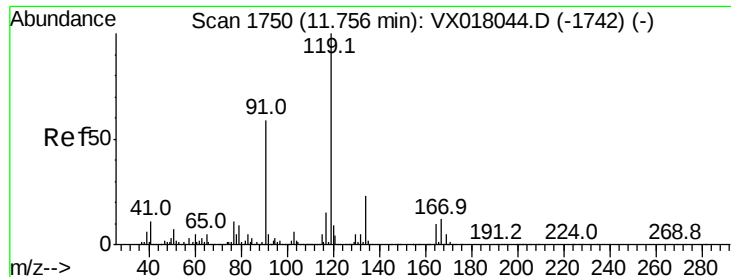
Tot Ion: 75 Resp: 60922
Ion Ratio Lower Upper
75 100
53 100.7 74.7 112.1
89 51.6 36.6 54.8



#82
4-Chlorotoluene
Concen: 19.720 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018091.D
Acq: 27 Aug 2020 15:09

Tgt Ion: 91 Resp: 431227
Ion Ratio Lower Upper
91 100
126 29.7 15.1 45.3





#83

tert-Butylbenzene

Concen: 19.393 ug/l

RT: 11.76 min Scan# 1750

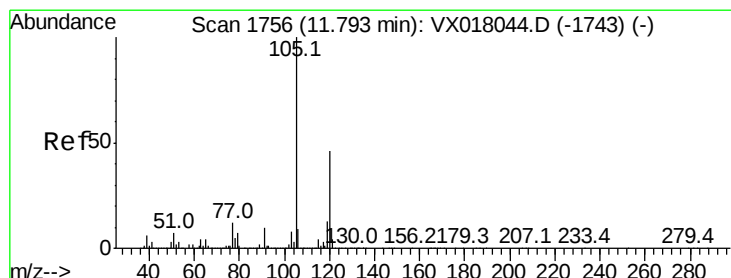
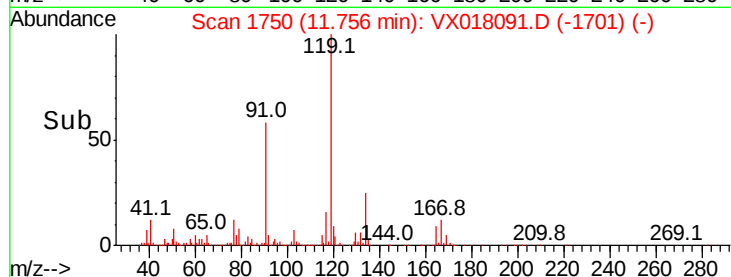
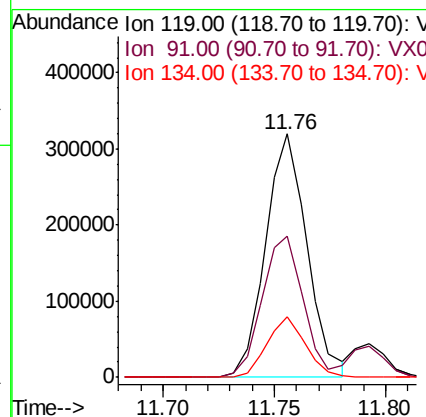
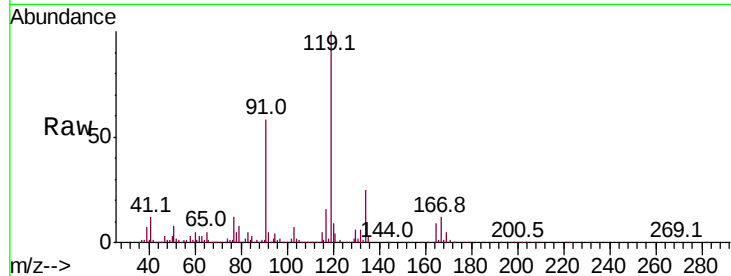
Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

Instrument :
MSVOA_X
ClientSampleId :
VX0827MBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.4	28.2	84.7
134	23.4	11.3	33.8



#84

1,2,4-Trimethylbenzene

Concen: 20.233 ug/l

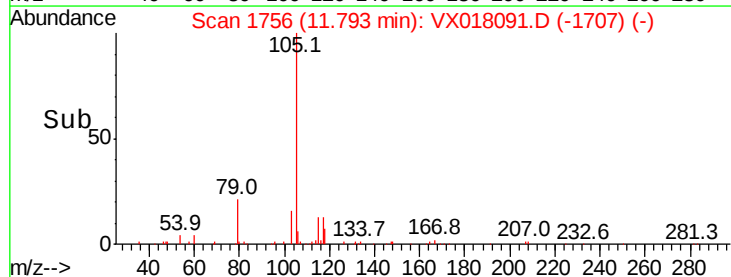
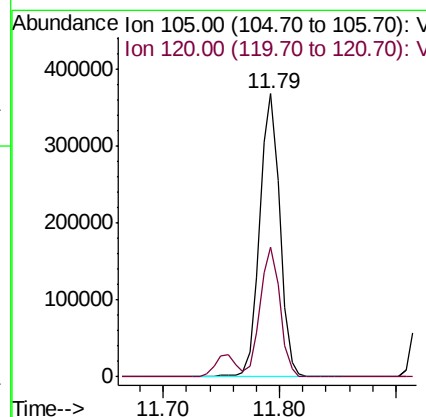
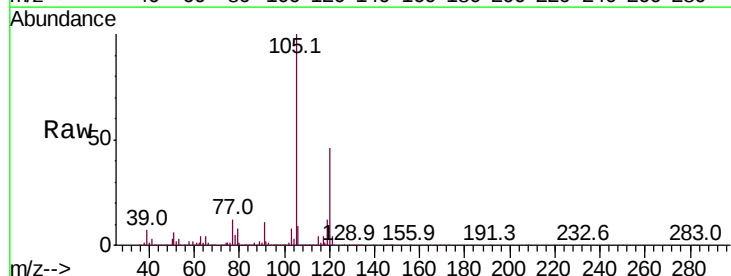
RT: 11.79 min Scan# 1756

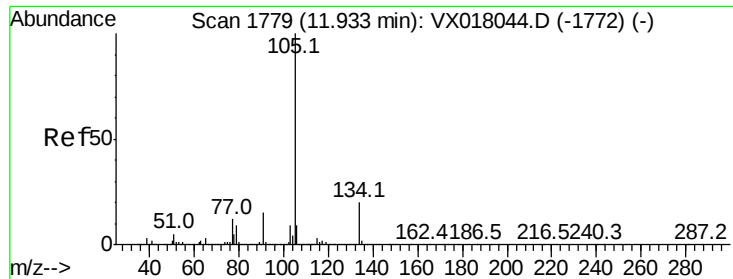
Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.3	66.9





#85

sec-Butylbenzene

Concen: 20.513 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

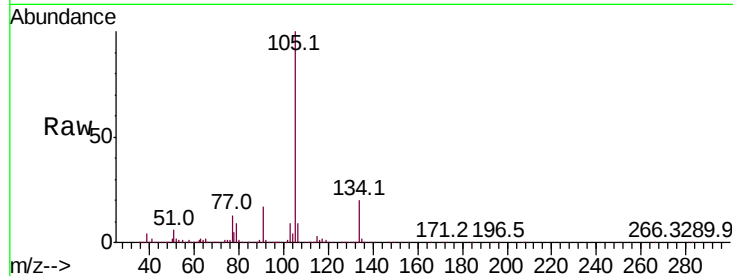
VX0827MBS01

Tot Ion:105 Resp: 496043

Ion Ratio Lower Upper

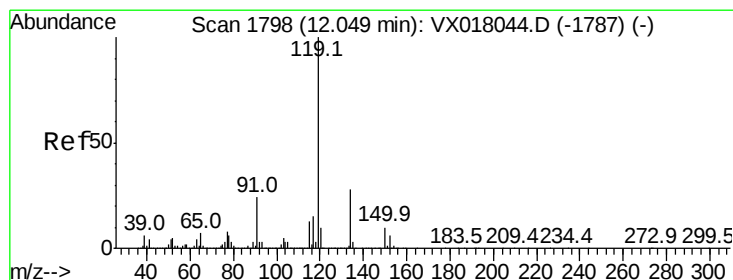
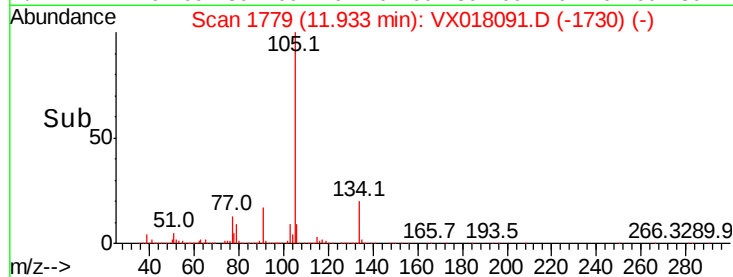
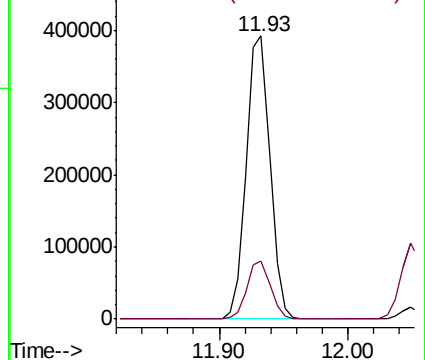
105 100

134 20.3 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.713 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

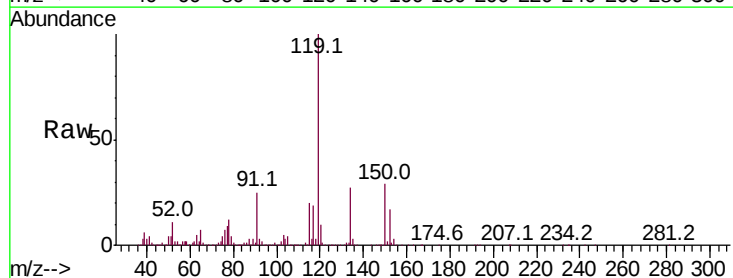
Tgt Ion:119 Resp: 460107

Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.5

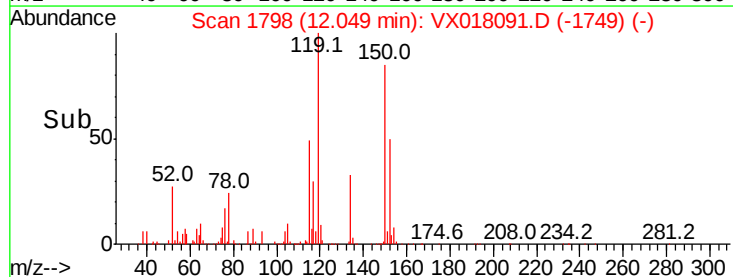
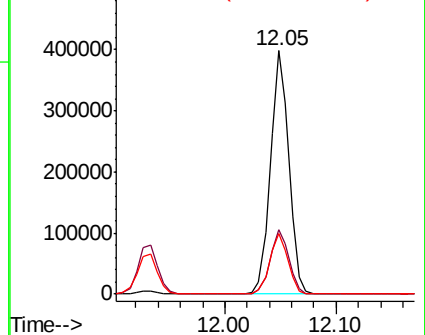
91 24.8 11.8 35.4

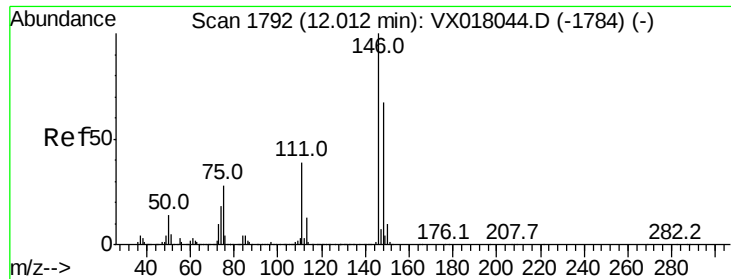


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.111 ug/l

RT: 12.01 min Scan# 1792

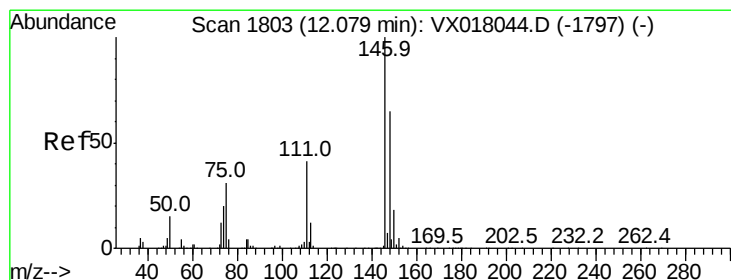
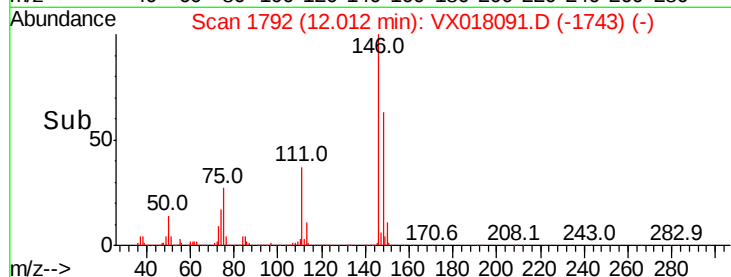
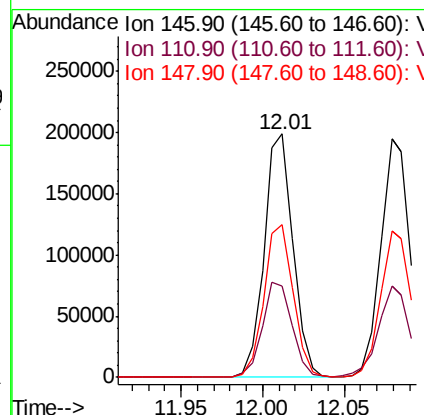
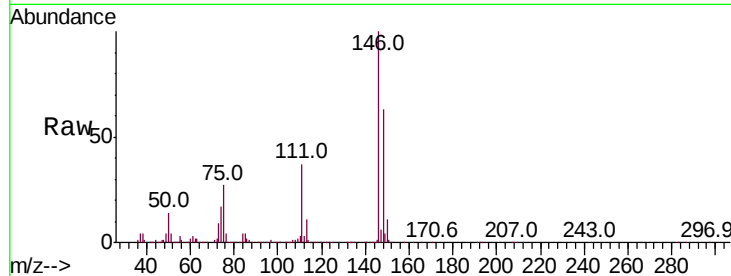
Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

Instrument :
MSVOA_X
ClientSampleId :
VX0827MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.6	61.8
148	63.8	33.1	99.2



#88

1,4-Dichlorobenzene

Concen: 19.125 ug/l

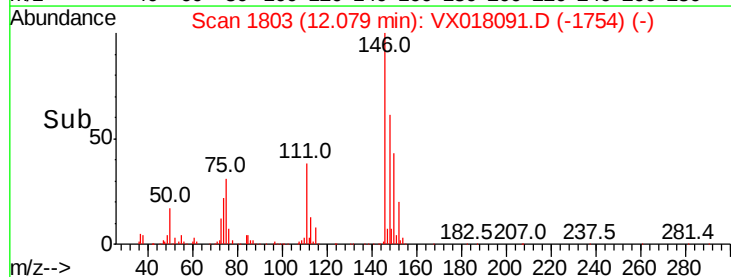
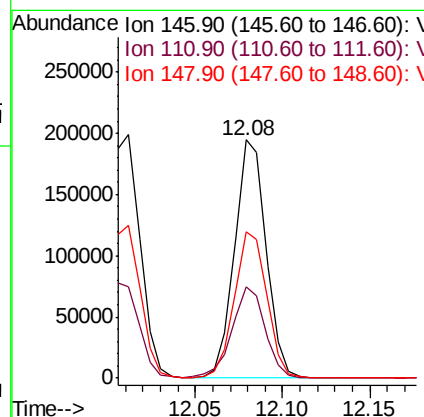
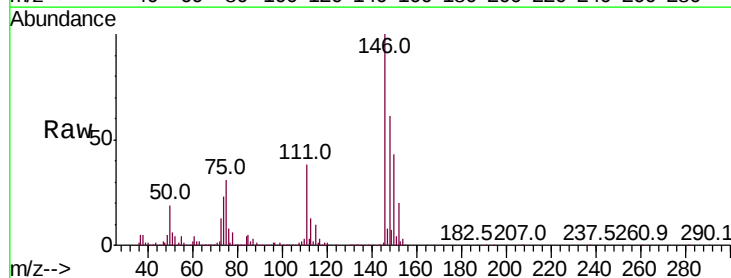
RT: 12.08 min Scan# 1803

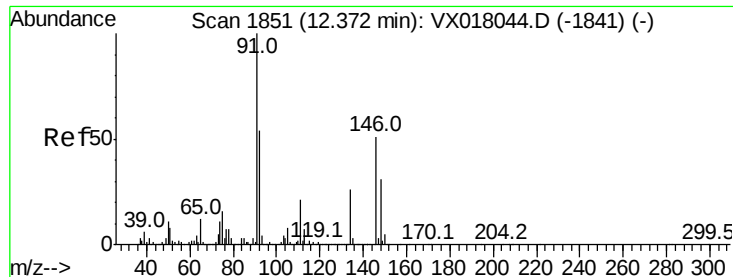
Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	60.8
148	63.0	33.1	99.2

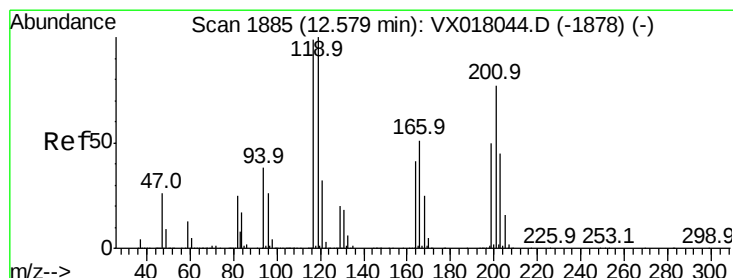
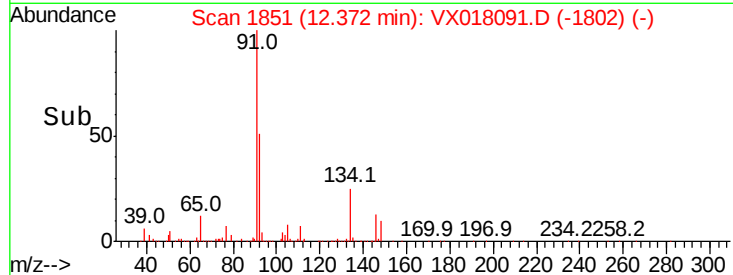
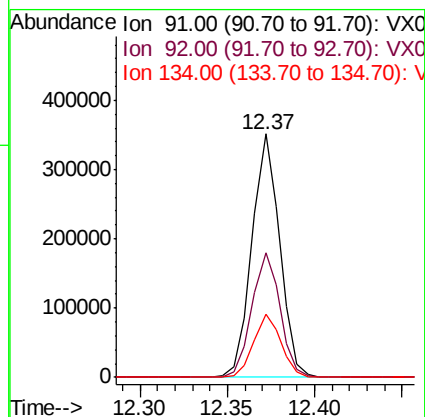
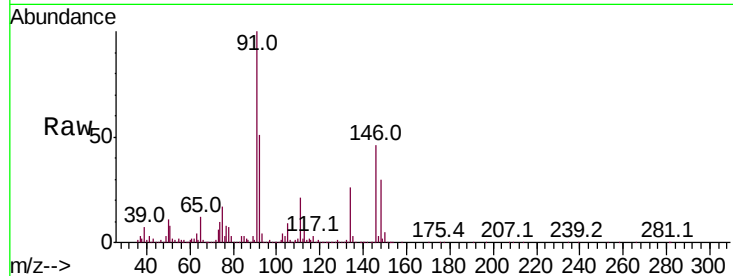




#89
n-Butylbenzene
Concen: 19.223 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018091.D
Acq: 27 Aug 2020 15:09

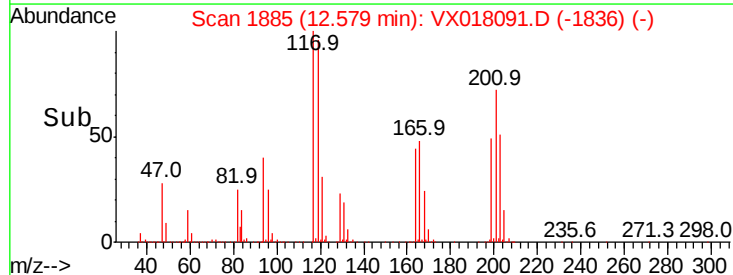
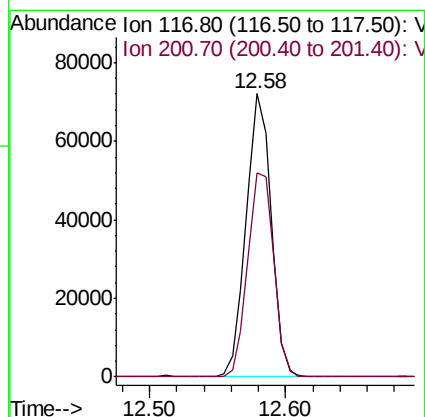
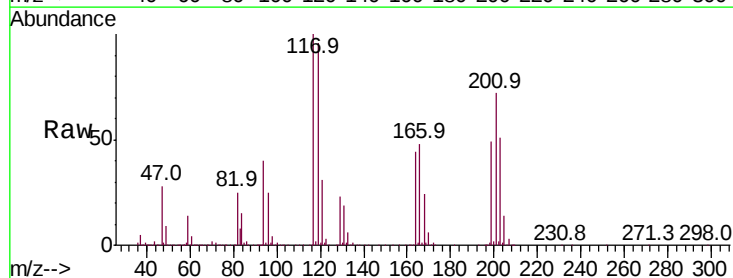
Instrument :
MSVOA_X
ClientSampleId :
VX0827MBS01

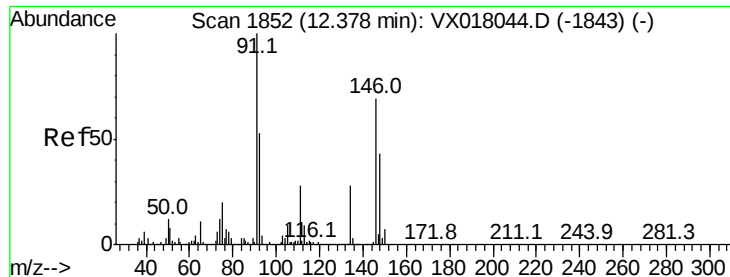
Tot Ion: 91 Resp: 389729
Ion Ratio Lower Upper
91 100
92 52.1 26.4 79.2
134 26.0 12.9 38.7



#90
Hexachloroethane
Concen: 21.398 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018091.D
Acq: 27 Aug 2020 15:09

Tgt Ion: 117 Resp: 93515
Ion Ratio Lower Upper
117 100
201 74.9 38.5 115.3





#91

1,2-Dichlorobenzene

Concen: 19.232 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

VX0827MBS01

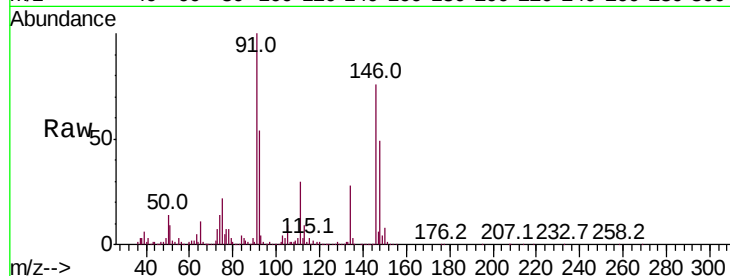
Tot Ion:146 Resp: 230385

Ion Ratio Lower Upper

146 100

111 42.6 20.8 62.5

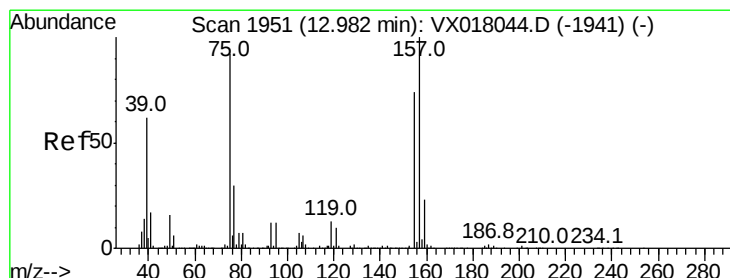
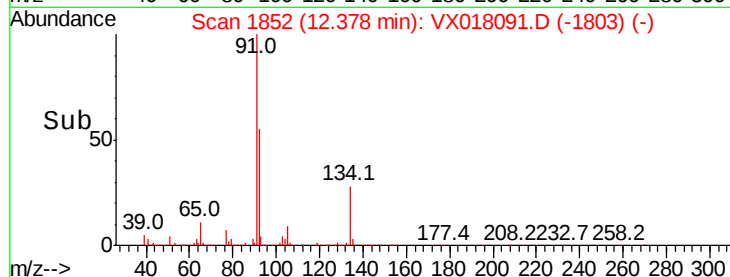
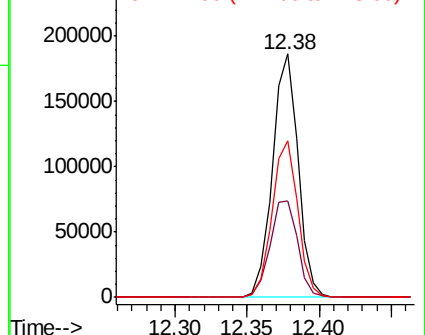
148 64.6 31.6 95.0



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.044 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018091.D

Acq: 27 Aug 2020 15:09

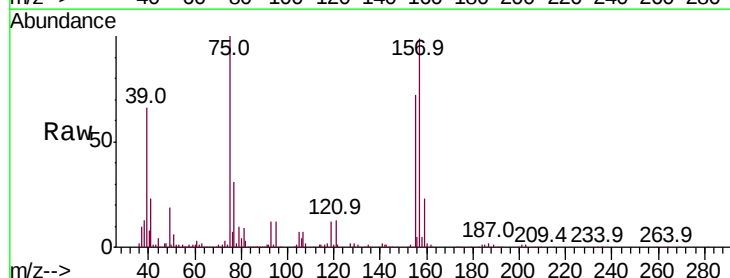
Tgt Ion: 75 Resp: 41733

Ion Ratio Lower Upper

75 100

155 81.8 40.2 120.6

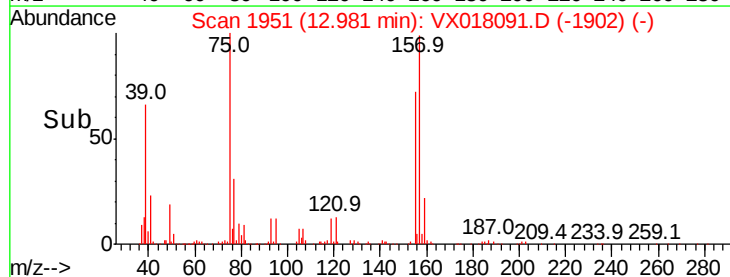
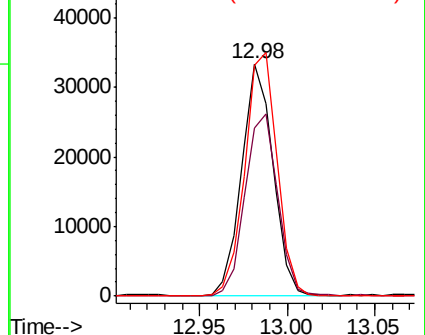
157 107.7 55.0 165.2

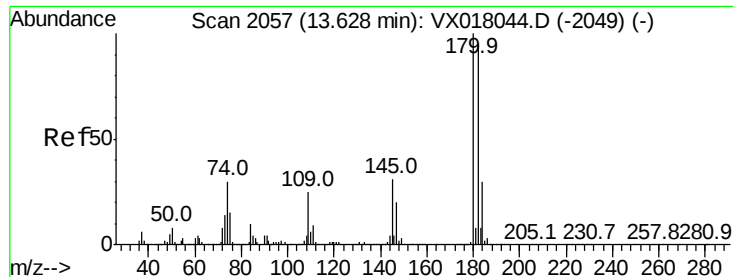


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

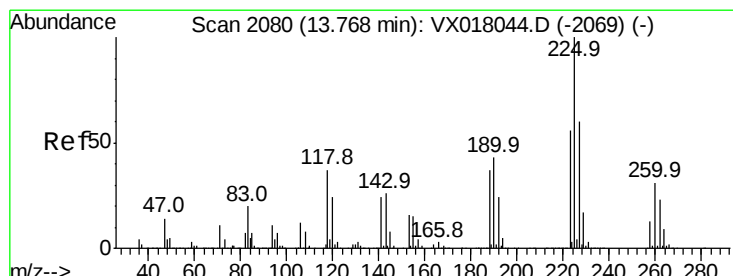
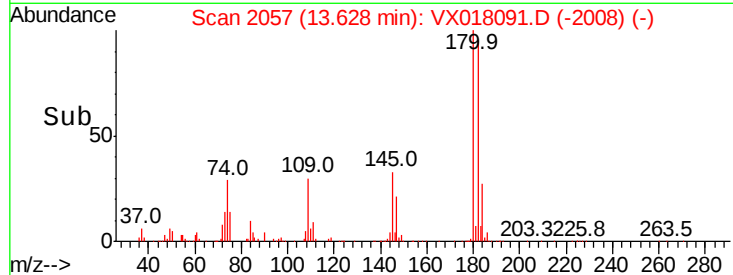
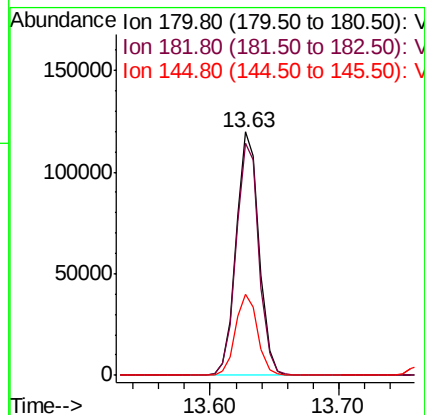
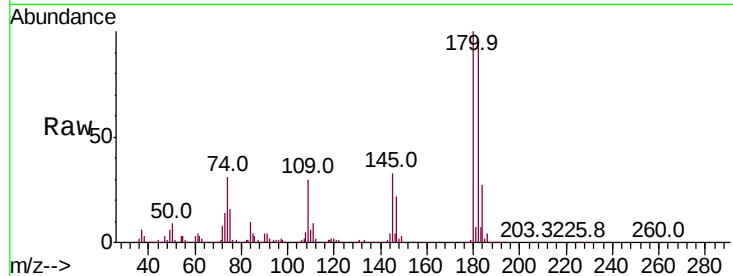




#93
 1,2,4-Trichlorobenzene
 Concen: 18.513 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018091.D
 Acq: 27 Aug 2020 15:09

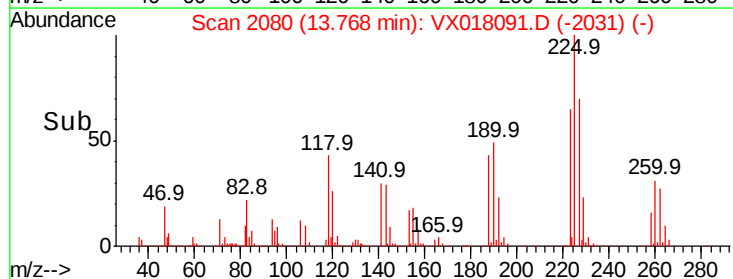
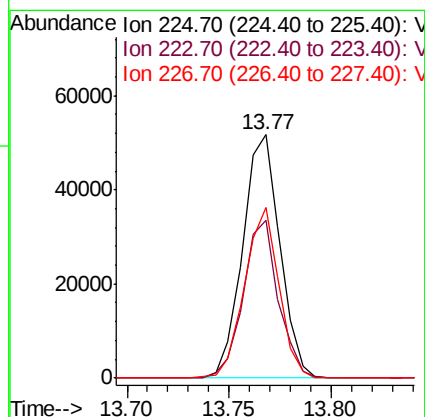
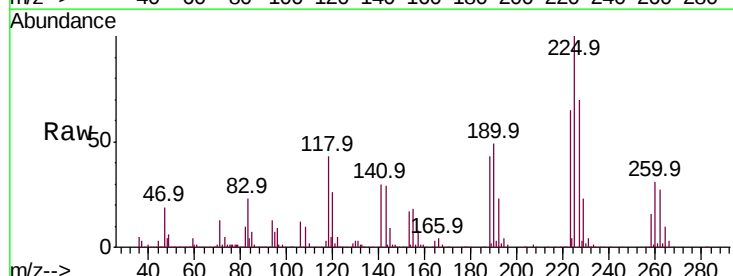
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827MBS01

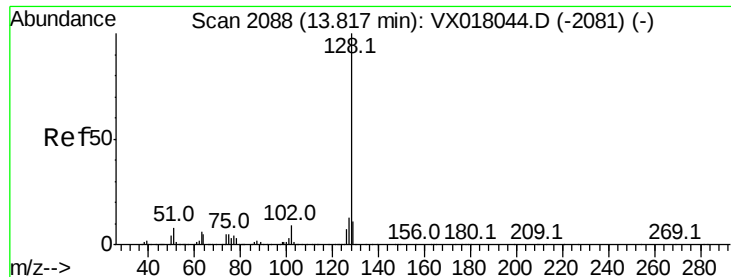
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.5	142.6
145	32.5	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 20.794 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018091.D
 Acq: 27 Aug 2020 15:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	30.7	92.1
227	64.8	32.6	97.8

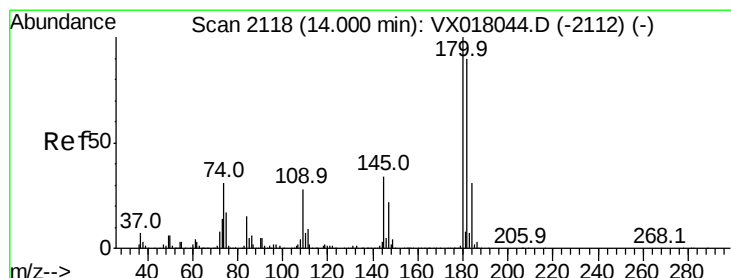
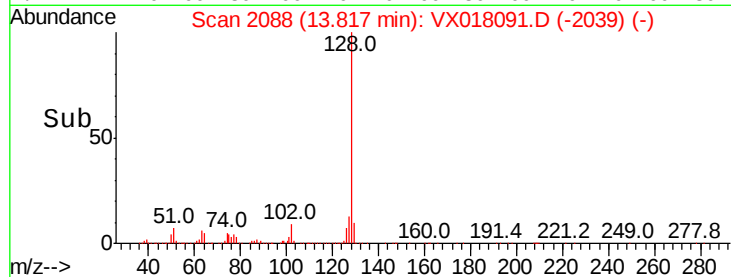
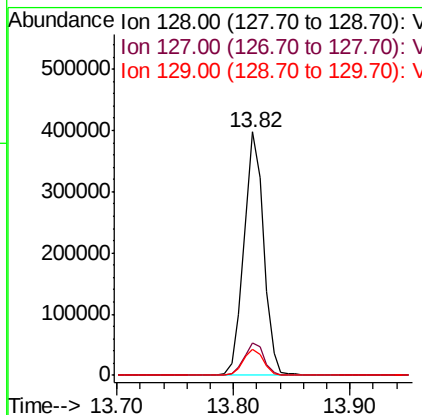
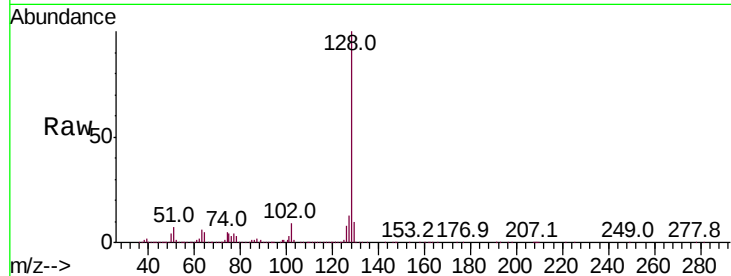




#95
Naphthalene
Concen: 17.972 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018091.D
Acq: 27 Aug 2020 15:09

Instrument :
MSVOA_X
ClientSampled :
VX0827MBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	10.7	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.486 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018091.D
Acq: 27 Aug 2020 15:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.3	142.0
145	33.8	17.5	52.6

