

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083120\
 Data File : VX018142.D
 Acq On : 31 Aug 2020 13:14
 Operator : JC/SP
 Sample : VX0831WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBS01

Quant Time: Sep 01 05:29:39 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	567256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	895860	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	838984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	441886	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	376978	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
35) Dibromofluoromethane	5.46	113	300864	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	8.70	98	1083898	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
62) 4-Bromofluorobenzene	11.12	95	420694	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	135291	19.589	ug/l	95
3) Chloromethane	1.31	50	138200	18.980	ug/l	98
4) Vinyl Chloride	1.39	62	128517	17.731	ug/l	97
5) Bromomethane	1.63	94	88528	25.322	ug/l	99
6) Chloroethane	1.71	64	76118	19.552	ug/l	95
7) Trichlorofluoromethane	1.92	101	197979	20.031	ug/l	95
8) Diethyl Ether	2.17	74	63176	18.848	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	100487	18.806	ug/l	97
10) Methyl Iodide	2.49	142	113458	23.035	ug/l	98
11) Tert butyl alcohol	3.01	59	137277	89.655	ug/l	99
12) 1,1-Dichloroethene	2.35	96	96801	17.462	ug/l	96
13) Acrolein	2.27	56	34618	54.526	ug/l	94
14) Allyl chloride	2.71	41	193243	19.403	ug/l	97
15) Acrylonitrile	3.12	53	326849	94.103	ug/l	98
16) Acetone	2.42	43	272713	88.873	ug/l	99
17) Carbon Disulfide	2.55	76	294907	17.598	ug/l	98
18) Methyl Acetate	2.75	43	147168	19.875	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	376242	19.790	ug/l	98
20) Methylene Chloride	2.84	84	123045	18.884	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	117485	19.129	ug/l	94
22) Diisopropyl ether	3.82	45	386929	19.684	ug/l	# 86
23) Vinyl Acetate	3.79	43	1716223	98.119	ug/l	99
24) 1,1-Dichloroethane	3.67	63	219646	19.629	ug/l	99
25) 2-Butanone	4.64	43	452571	89.741	ug/l	96
26) 2,2-Dichloropropane	4.55	77	195984	21.526	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	134272	18.975	ug/l	100
28) Bromochloromethane	4.98	49	93769	17.361	ug/l	99
29) Tetrahydrofuran	5.10	42	295297	91.984	ug/l	99
30) Chloroform	5.18	83	224266	19.356	ug/l	94
31) Cyclohexane	5.55	56	181035	19.206	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	211208	19.864	ug/l	99
36) 1,1-Dichloropropene	5.77	75	162474	19.663	ug/l	99
37) Ethyl Acetate	4.79	43	180176	18.774	ug/l	99
38) Carbon Tetrachloride	5.76	117	188944	20.290	ug/l	95

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Instrument :
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 ClientSampleId :
 VX0831WBS01

Quant Time: Sep 01 05:29:39 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)
39) Methylcyclohexane	7.45	83	180306	19.956	ug/l	98
40) Benzene	6.11	78	475609	19.589	ug/l	98
41) Methacrylonitrile	5.00	41	96434	18.301	ug/l	97
42) 1,2-Dichloroethane	6.17	62	184755	19.861	ug/l	100
43) Isopropyl Acetate	6.42	43	295025	19.033	ug/l	100
44) Trichloroethene	7.19	130	132071	19.251	ug/l	95
45) 1,2-Dichloropropane	7.49	63	129367	19.769	ug/l	93
46) Dibromomethane	7.64	93	89004	19.342	ug/l	99
47) Bromodichloromethane	7.88	83	184741	20.106	ug/l	99
48) Methyl methacrylate	7.74	41	143937	18.653	ug/l	99
49) 1,4-Dioxane	7.71	88	52052	372.396	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	920218	96.107	ug/l	100
52) Toluene	8.76	92	305160	19.821	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	201747	19.811	ug/l	96
54) cis-1,3-Dichloropropene	8.41	75	208956	19.370	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	125194	19.067	ug/l	93
56) Ethyl methacrylate	9.16	69	184067	18.857	ug/l	99
57) 1,3-Dichloropropane	9.35	76	213010	19.669	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	394481	89.837	ug/l	100
59) 2-Hexanone	9.47	43	693396	95.238	ug/l	99
60) Dibromochloromethane	9.57	129	153449	19.921	ug/l	99
61) 1,2-Dibromoethane	9.65	107	138090	19.371	ug/l	99
64) Tetrachloroethene	9.32	164	131224	21.284	ug/l	97
65) Chlorobenzene	10.12	112	332305	19.832	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	136652	20.692	ug/l	99
67) Ethyl Benzene	10.24	91	578010	20.284	ug/l	100
68) m/p-Xylenes	10.34	106	435255	40.923	ug/l	98
69) o-Xylene	10.68	106	204711	19.855	ug/l	97
70) Styrene	10.69	104	361270	20.575	ug/l	100
71) Bromoform	10.84	173	113196	20.095	ug/l #	98
73) Isopropylbenzene	11.00	105	579206	19.872	ug/l	98
74) N-amyl acetate	10.88	43	250847	18.139	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	189757	18.455	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	231061	23.506	ug/l	84
77) Bromobenzene	11.24	156	151349	18.785	ug/l	99
78) n-propylbenzene	11.34	91	653003	19.731	ug/l	99
79) 2-Chlorotoluene	11.40	91	395941	19.364	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	483581	20.190	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.06	75	67504	18.547	ug/l	96
82) 4-Chlorotoluene	11.49	91	463424	19.065	ug/l	99
83) tert-Butylbenzene	11.76	119	474219	20.062	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	487753	19.918	ug/l	99
85) sec-Butylbenzene	11.93	105	548830	20.418	ug/l	100
86) p-Isopropyltoluene	12.05	119	506761	20.524	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	265809	18.791	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	261783	18.483	ug/l	98
89) n-Butylbenzene	12.37	91	428660	19.021	ug/l	99
90) Hexachloroethane	12.58	117	101343	20.861	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	251822	18.912	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	45014	17.509	ug/l	98

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Instrument :
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ClientSampleId :
VX0831WBS01

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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

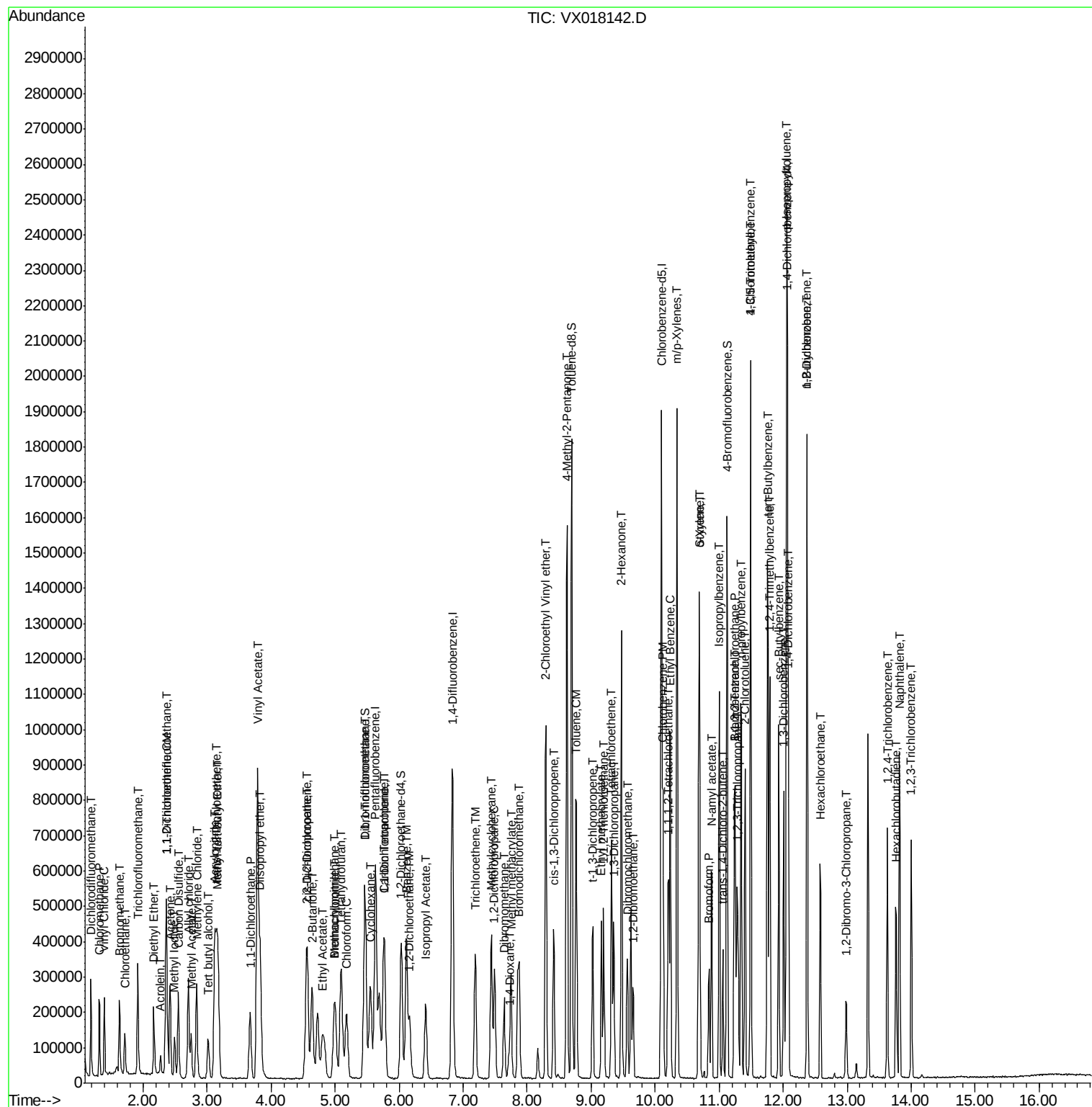
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	168775	19.008	ug/l	98
94) Hexachlorobutadiene	13.77	225	69123	19.737	ug/l	97
95) Naphthalene	13.82	128	544068	18.619	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	160858	18.334	ug/l	98

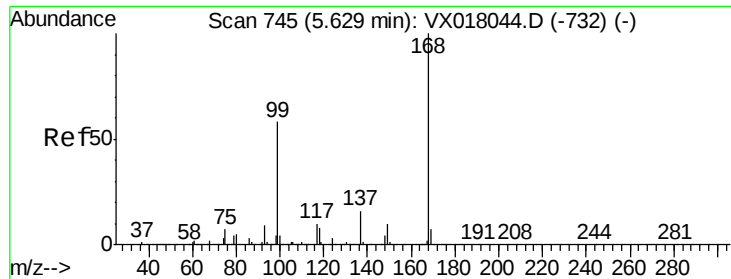
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX083120\
Data File : VX018142.D
Acq On : 31 Aug 2020 13:14
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Sample : VX0831WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

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

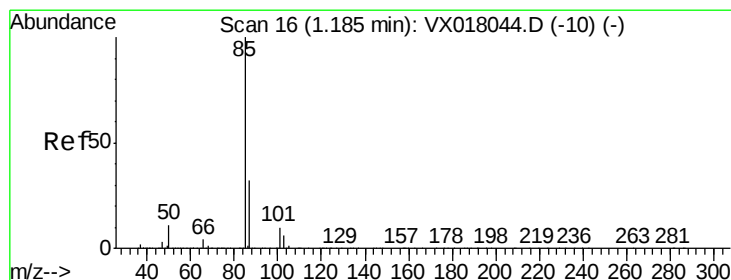
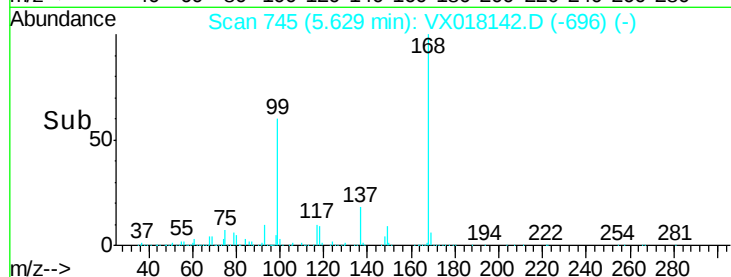
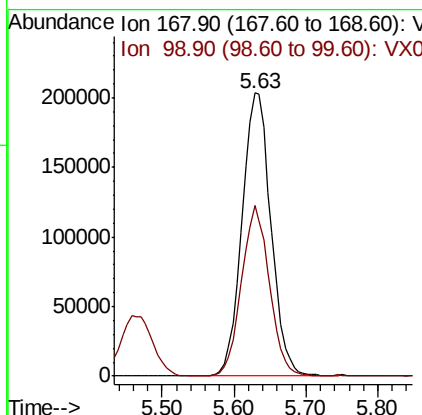
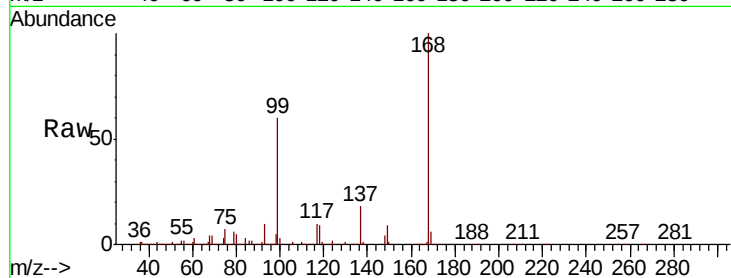




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

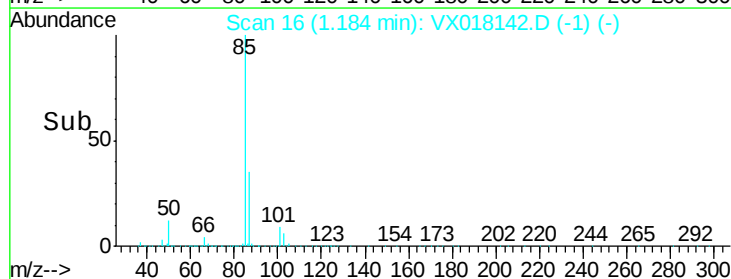
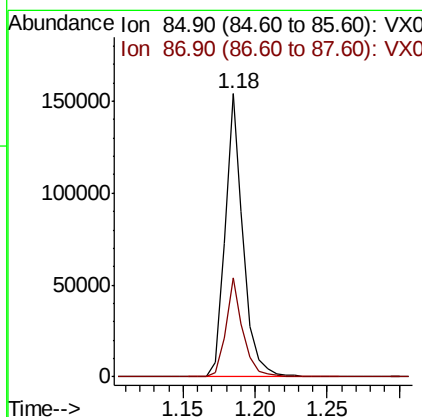
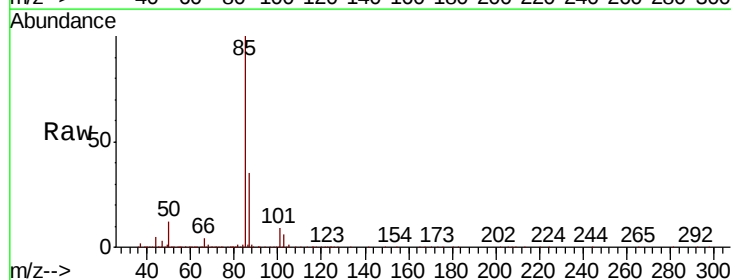
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS01

Tot Ion:168 Resp: 567256
Ion Ratio Lower Upper
168 100
99 60.0 46.3 69.5



#2
Dichlorodifluoromethane
Concen: 19.589 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tgt Ion: 85 Resp: 135291
Ion Ratio Lower Upper
85 100
87 34.9 16.1 48.2





#3

Chloromethane

Concen: 18.980 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

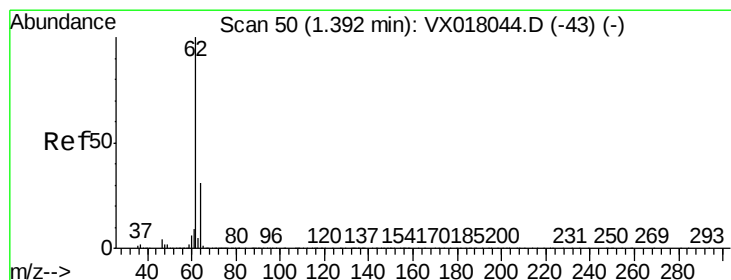
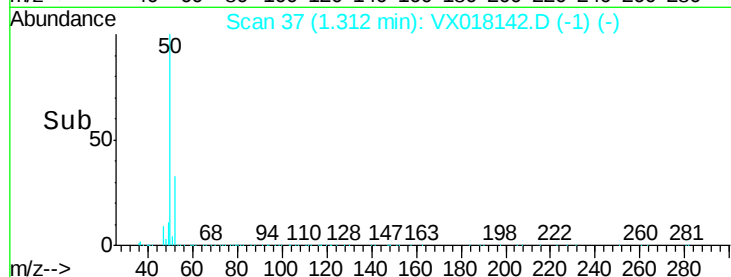
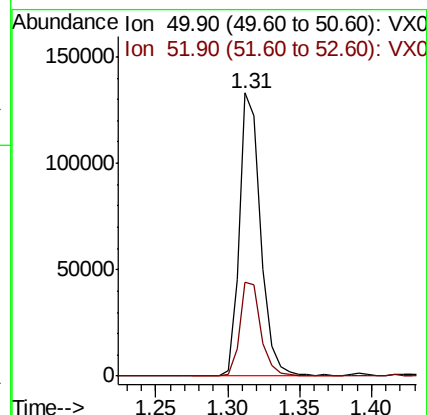
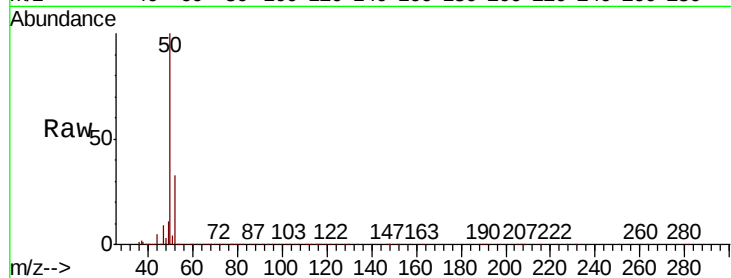
VX0831WBS01

Tot Ion: 50 Resp: 138200

Ion Ratio Lower Upper

50 100

52 33.0 25.4 38.2



#4

Vinyl Chloride

Concen: 17.731 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018142.D

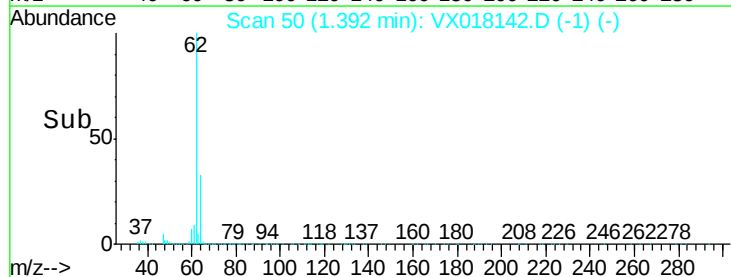
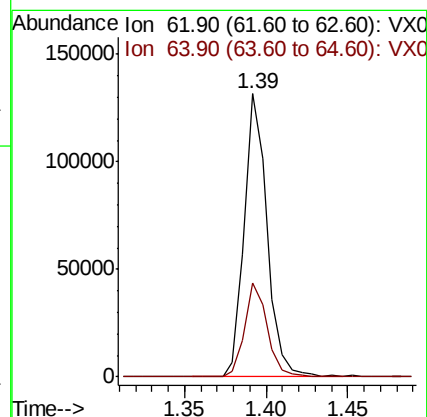
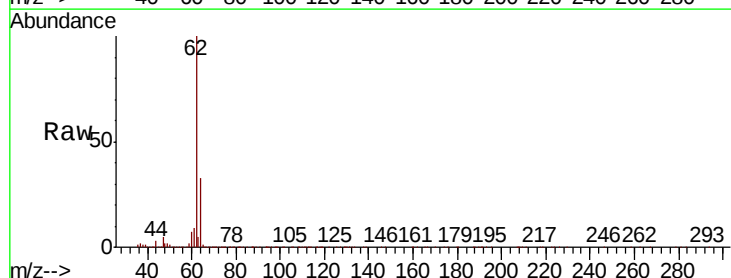
Acq: 31 Aug 2020 13:14

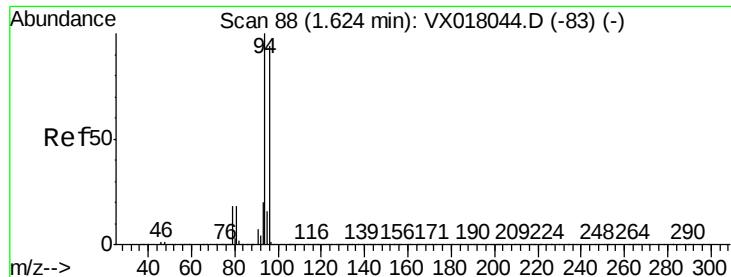
Tgt Ion: 62 Resp: 128517

Ion Ratio Lower Upper

62 100

64 33.0 25.1 37.7





#5

Bromomethane

Concen: 25.322 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

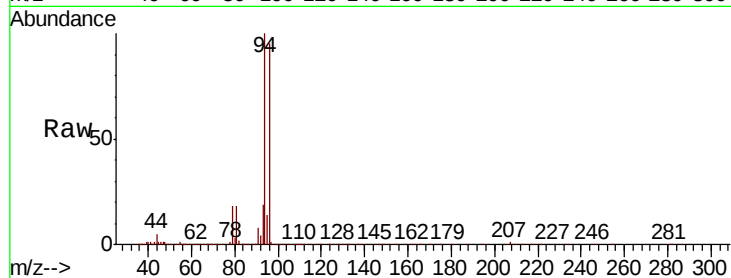
VX0831WBS01

Tot Ion: 94 Resp: 88528

Ion Ratio Lower Upper

94 100

96 94.9 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

80000

60000

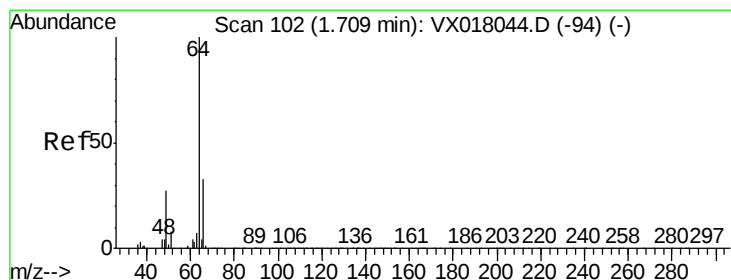
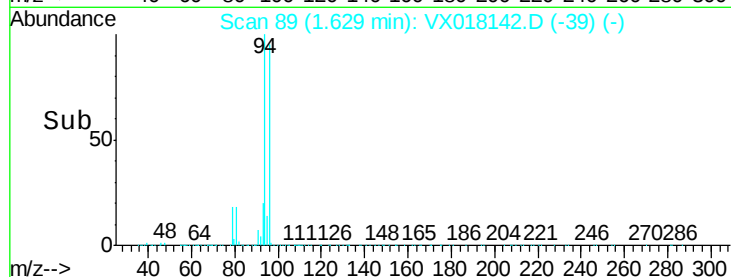
40000

20000

0

1.55 1.60 1.65 1.70 1.75

Time-->



#6

Chloroethane

Concen: 19.552 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018142.D

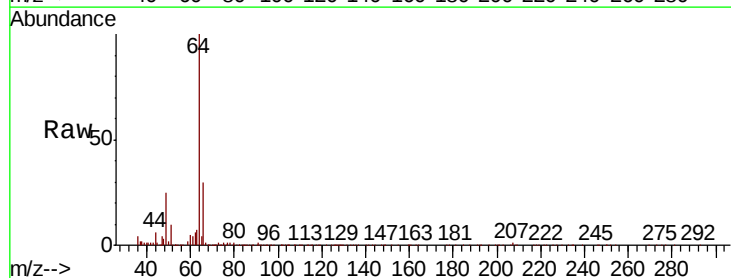
Acq: 31 Aug 2020 13:14

Tgt Ion: 64 Resp: 76118

Ion Ratio Lower Upper

64 100

66 30.3 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

60000

50000

40000

30000

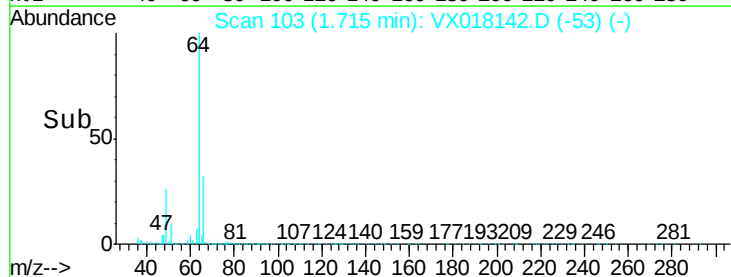
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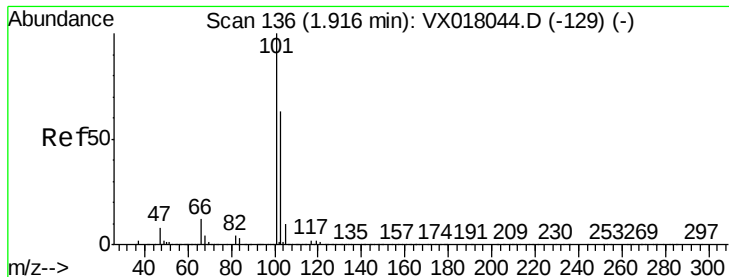
10000

0

1.70 1.80

Time-->



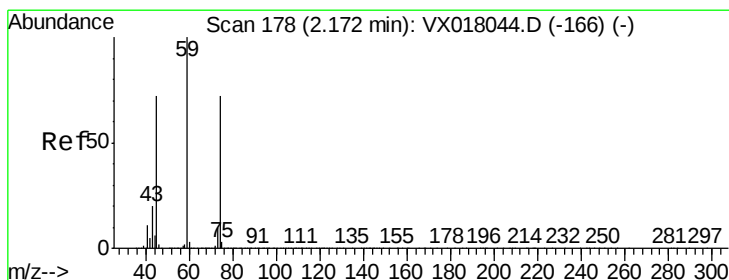
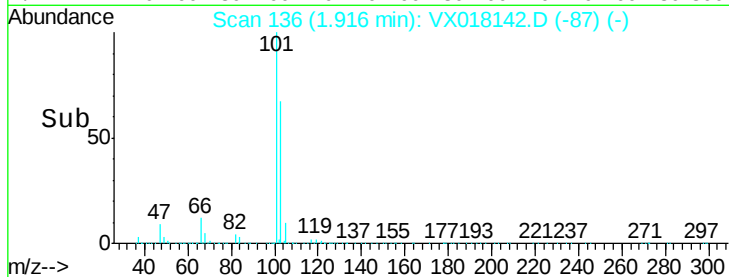
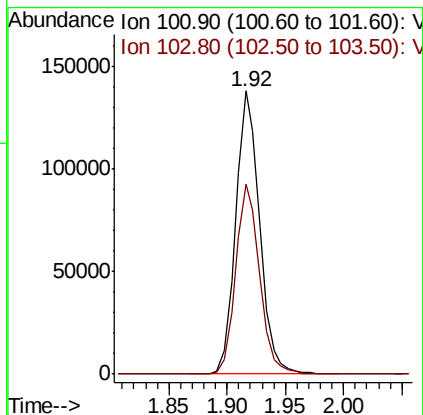
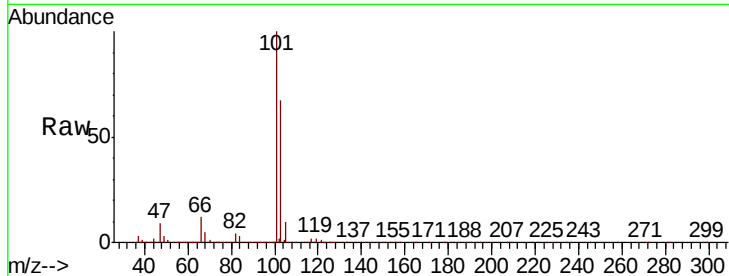


#7

Trichlorofluoromethane
Concen: 20.031 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS01

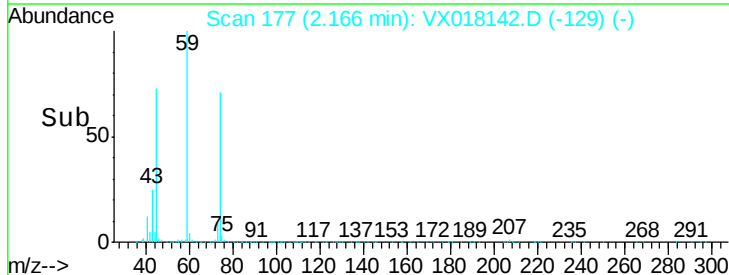
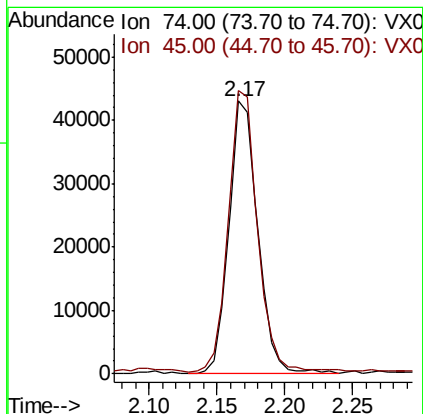
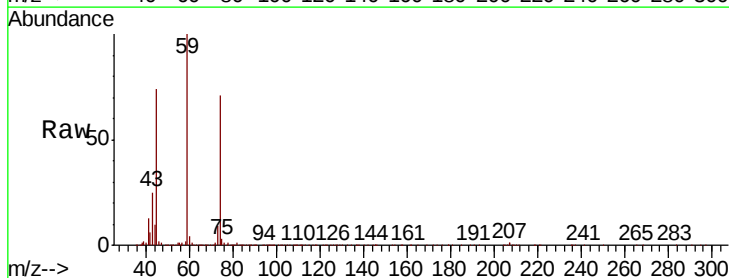
Tot Ion:101 Resp: 197979
Ion Ratio Lower Upper
101 100
103 67.1 50.7 76.1

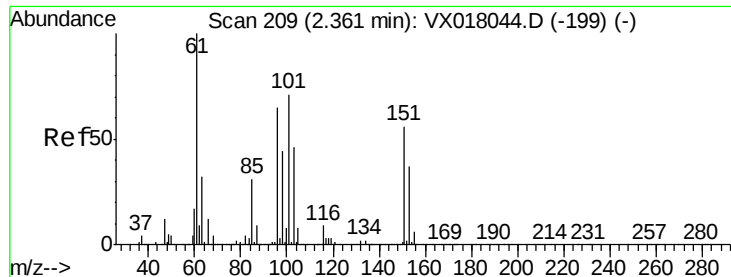


#8

Diethyl Ether
Concen: 18.848 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tgt Ion: 74 Resp: 63176
Ion Ratio Lower Upper
74 100
45 105.6 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.806 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBS01

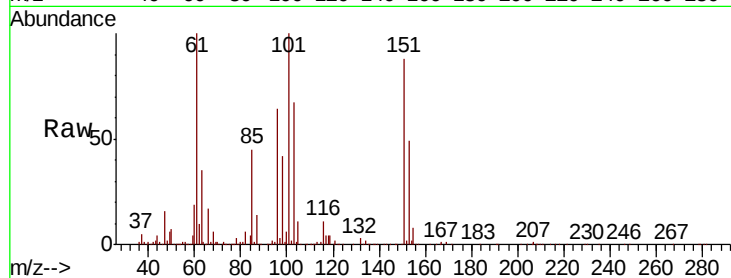
Tot Ion:101 Resp: 100487

Ion Ratio Lower Upper

101 100

85 45.7 34.0 51.0

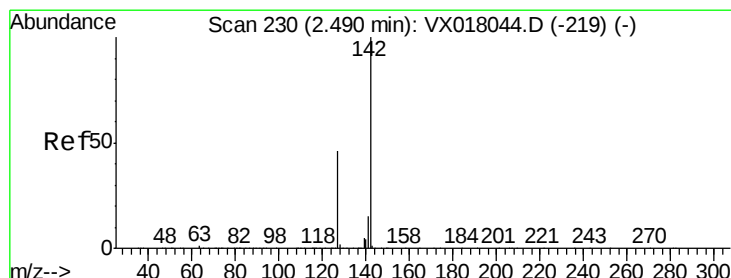
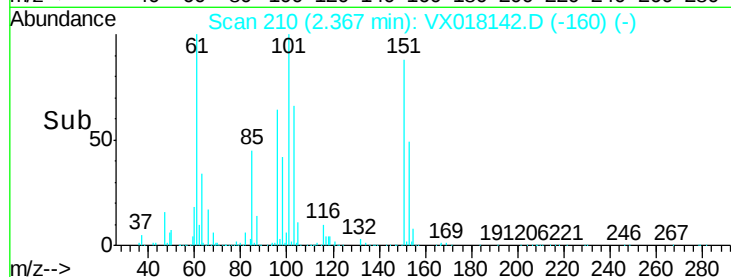
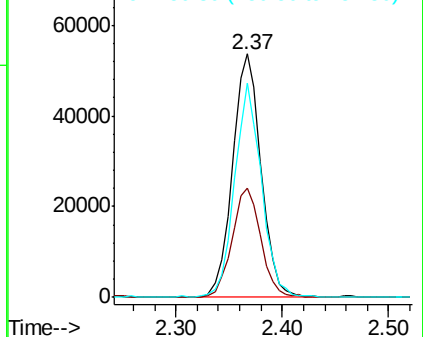
151 83.4 65.2 97.8



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: 23.035 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

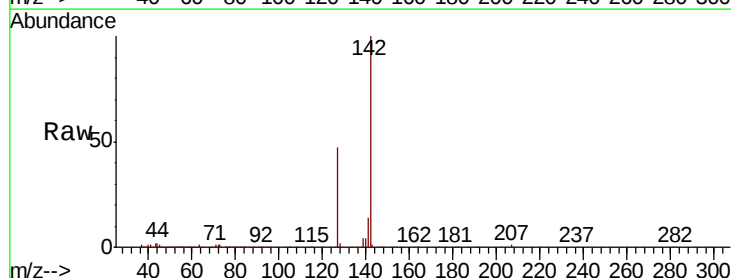
Tgt Ion:142 Resp: 113458

Ion Ratio Lower Upper

142 100

127 44.7 37.0 55.6

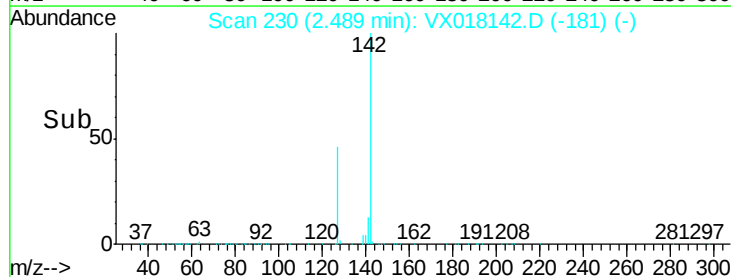
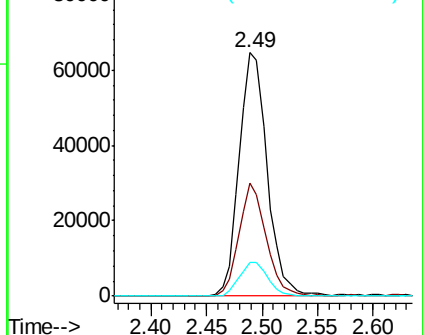
141 14.4 11.5 17.3

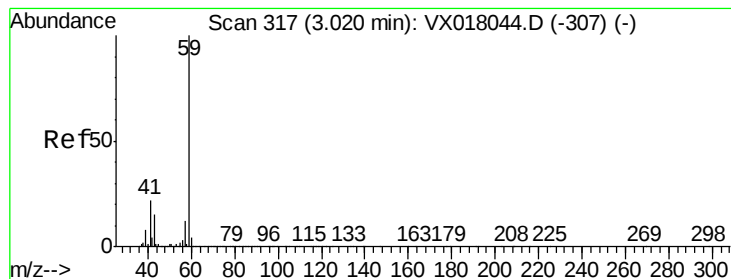


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



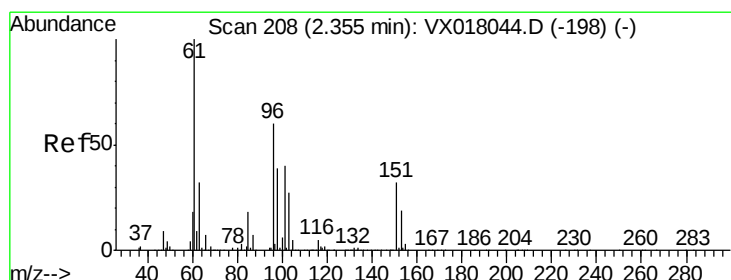
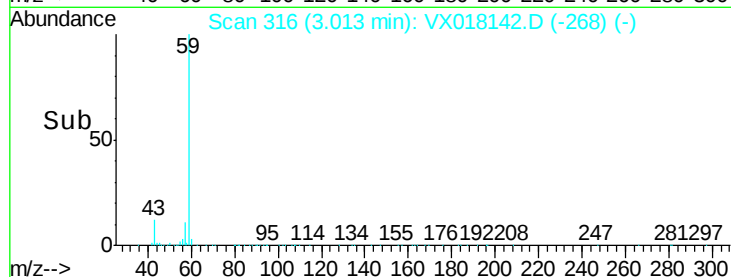
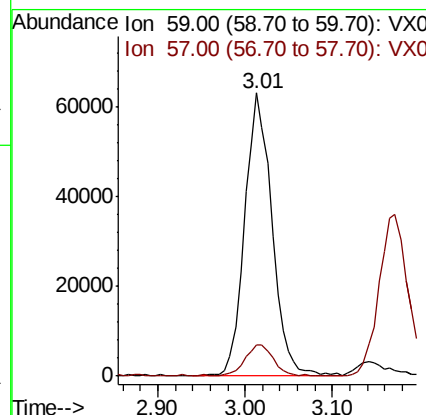
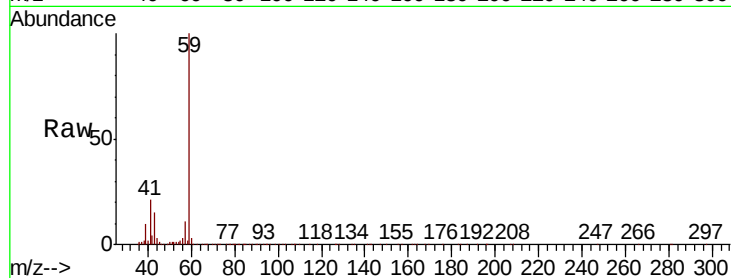


#11

Tert butyl alcohol
Concen: 89.655 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS01

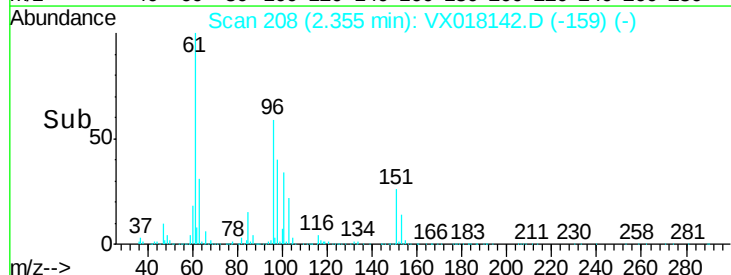
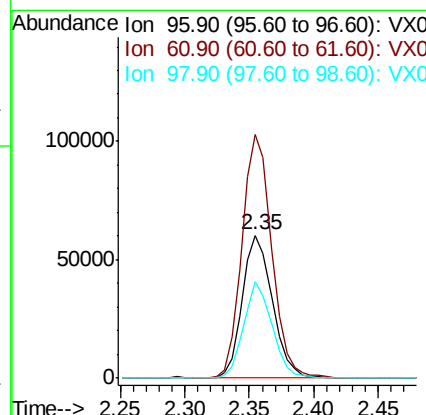
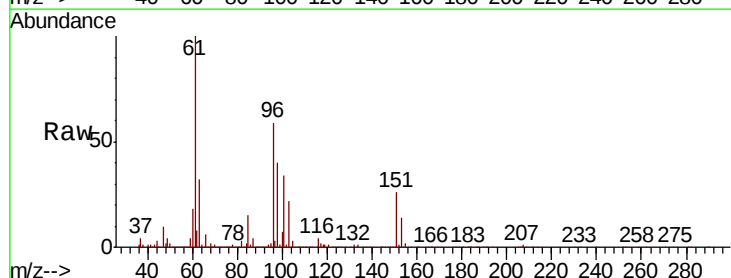
Tot Ion: 59 Resp: 137277
Ion Ratio Lower Upper
59 100
57 11.5 8.9 13.3

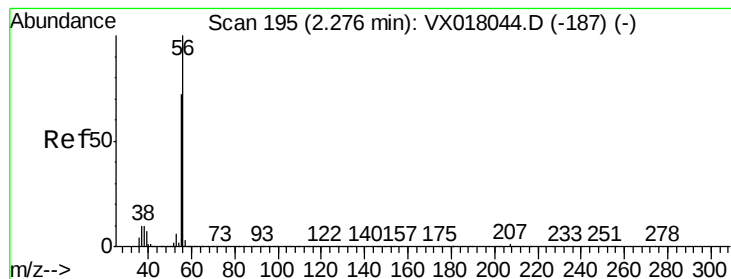


#12

1,1-Dichloroethene
Concen: 17.462 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tgt Ion: 96 Resp: 96801
Ion Ratio Lower Upper
96 100
61 170.9 133.0 199.4
98 67.4 51.6 77.4





#13

Acrolein

Concen: 54.526 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

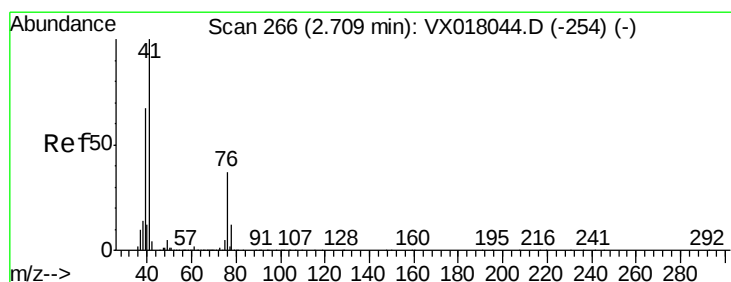
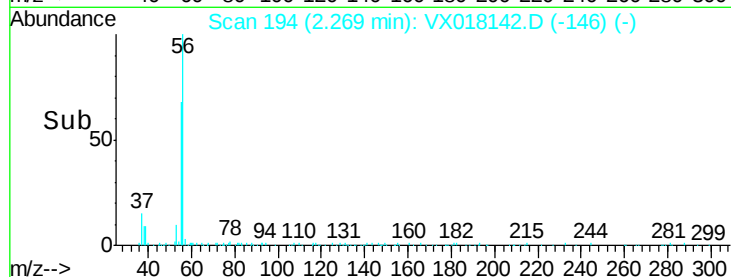
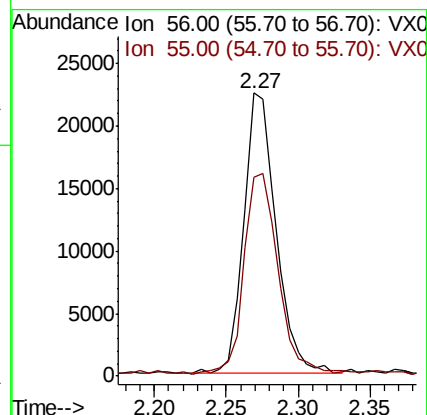
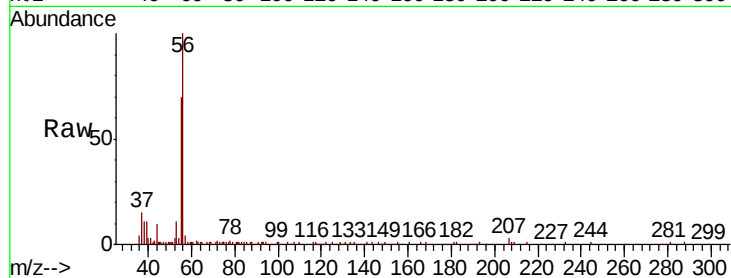
VX0831WBS01

Tot Ion: 56 Resp: 34618

Ion Ratio Lower Upper

56 100

55 76.0 57.0 85.6



#14

Allyl chloride

Concen: 19.403 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

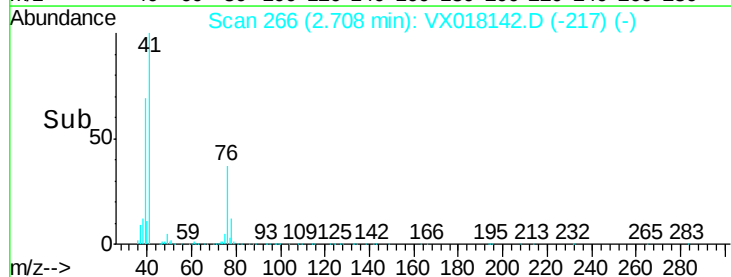
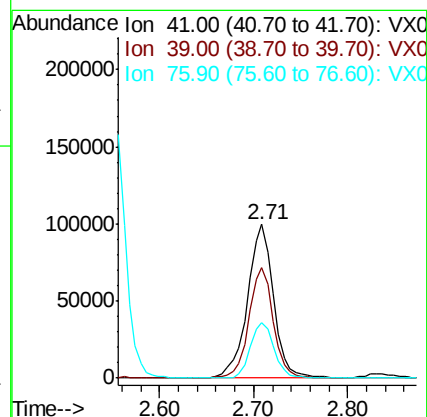
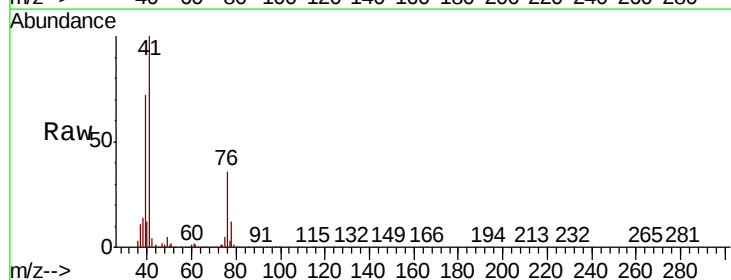
Tgt Ion: 41 Resp: 193243

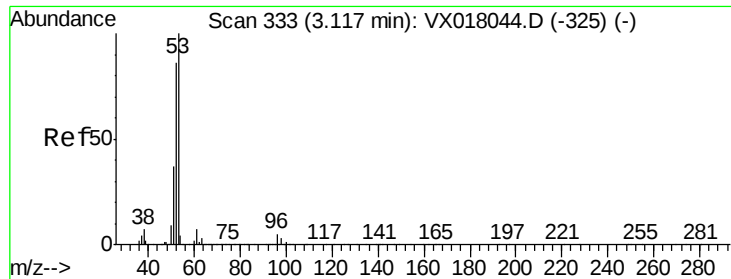
Ion Ratio Lower Upper

41 100

39 66.7 50.6 76.0

76 32.9 26.2 39.2

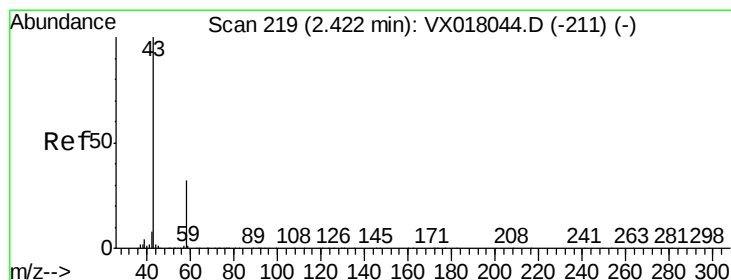
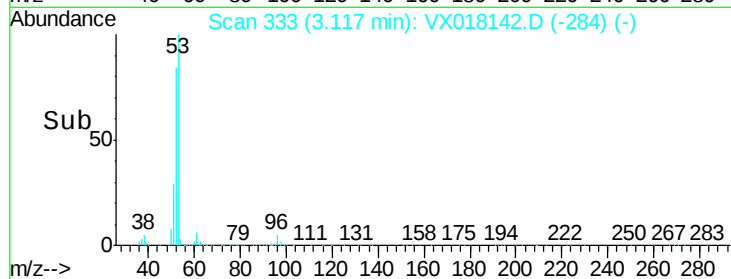
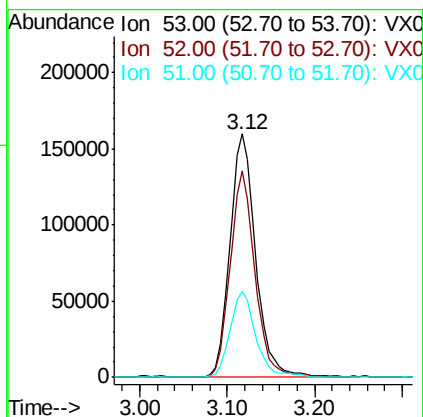
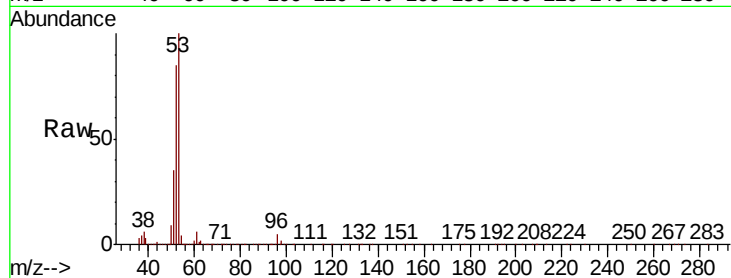




#15
 Acrylonitrile
 Concen: 94.103 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

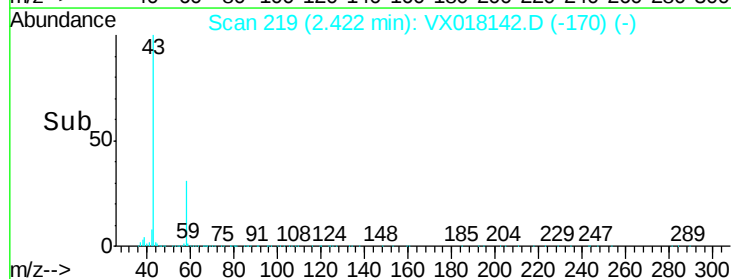
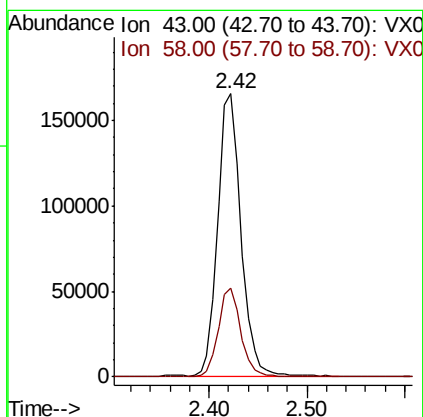
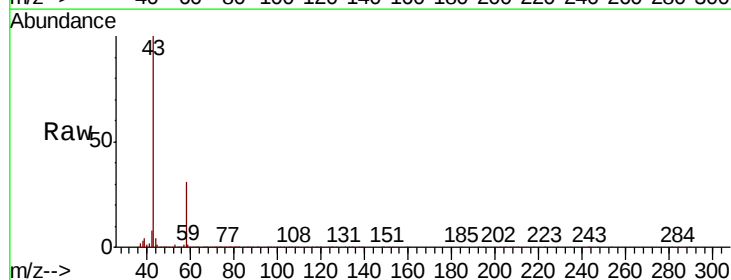
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBS01

Tot Ion:	53	Resp:	326849
Ion	Ratio	Lower	Upper
53	100		
52	81.3	66.9	100.3
51	35.7	28.7	43.1



#16
 Acetone
 Concen: 88.873 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

Tgt Ion:	43	Resp:	272713
Ion	Ratio	Lower	Upper
43	100		
58	31.4	25.5	38.3

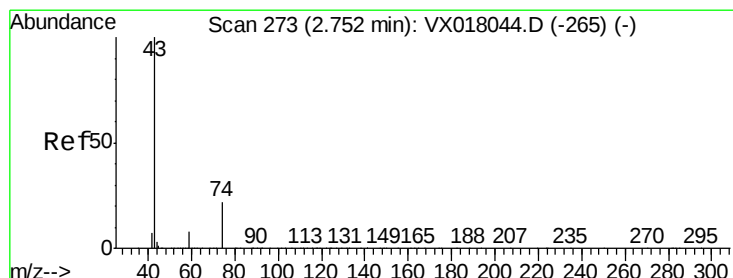
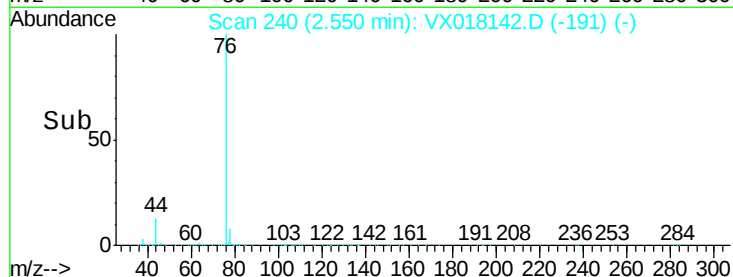
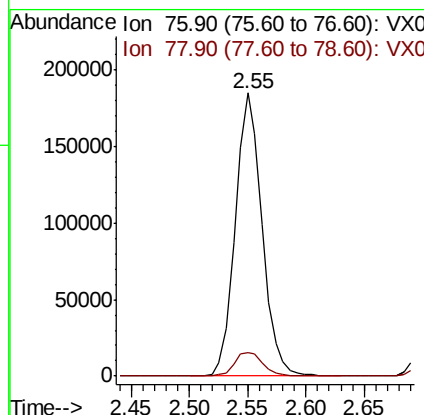
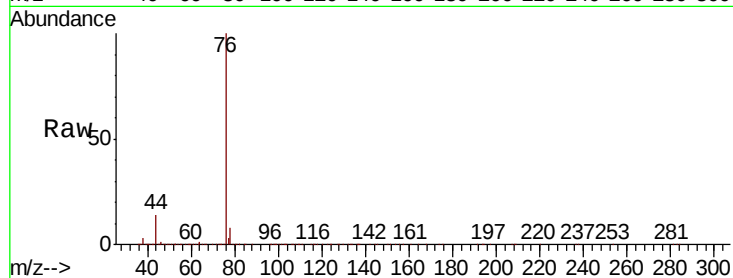




#17
Carbon Disulfide
Concen: 17.598 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

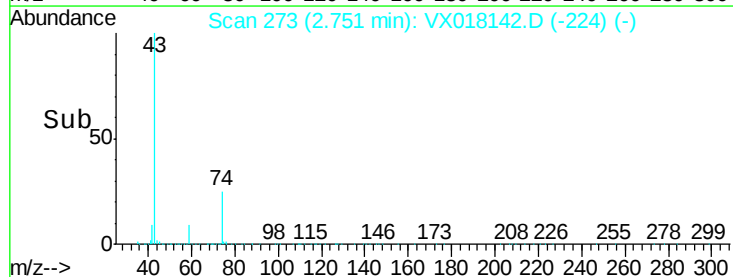
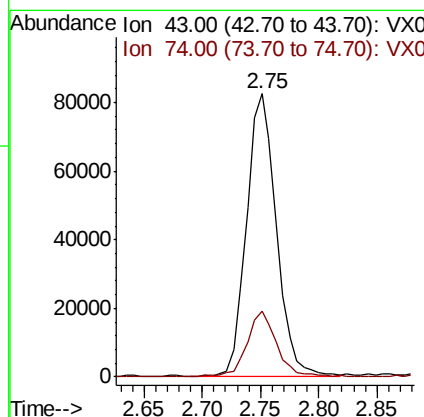
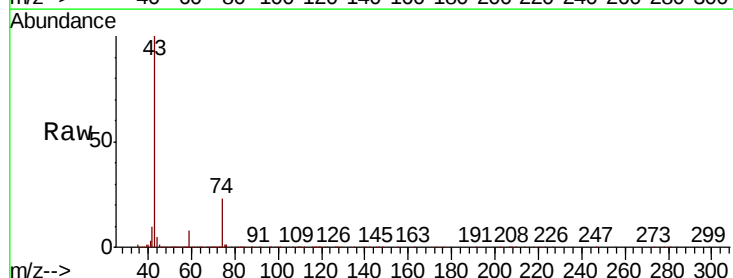
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS01

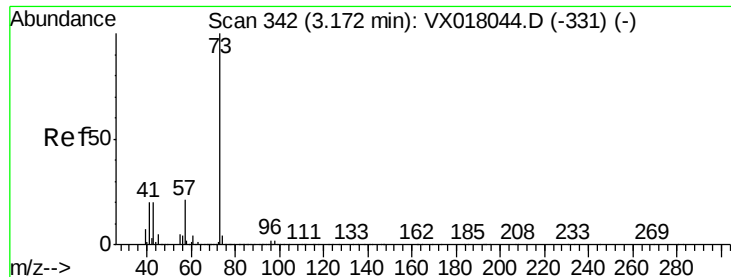
Tot Ion: 76 Resp: 294907
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0



#18
Methyl Acetate
Concen: 19.875 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tgt Ion: 43 Resp: 147168
Ion Ratio Lower Upper
43 100
74 23.0 18.2 27.4



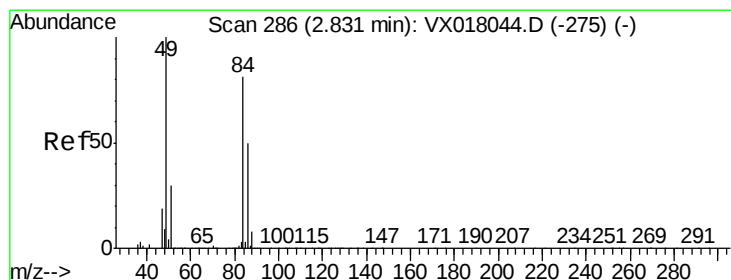
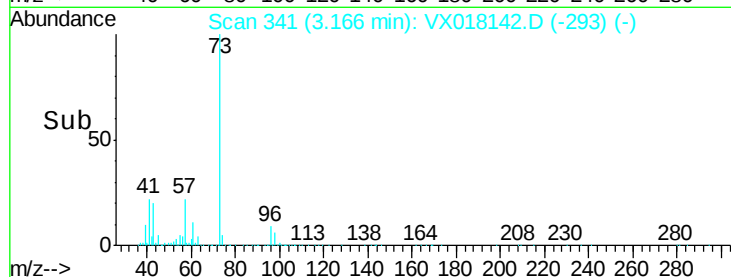
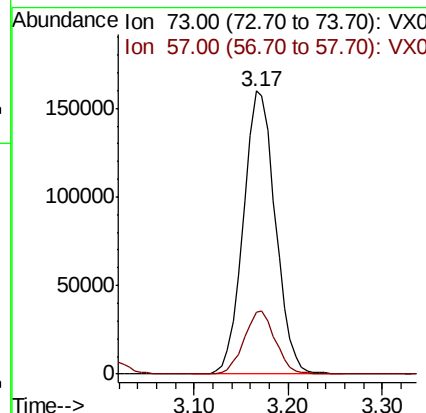
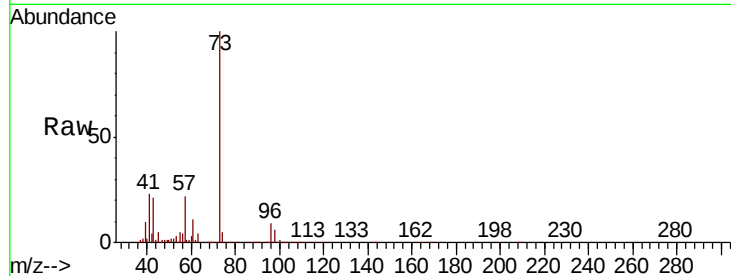


#19

Methyl tert-butyl Ether
 Concen: 19.790 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBS01

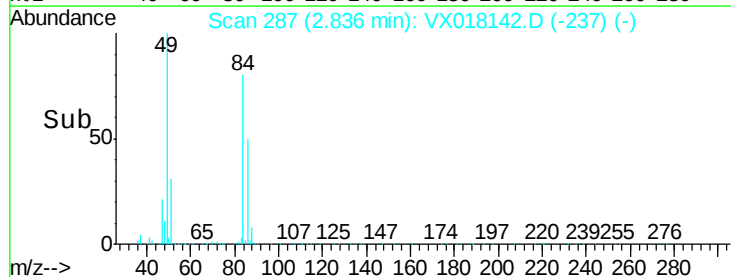
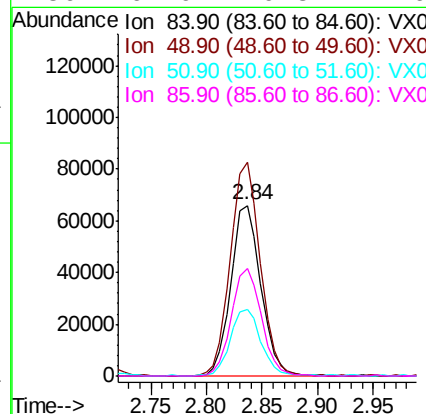
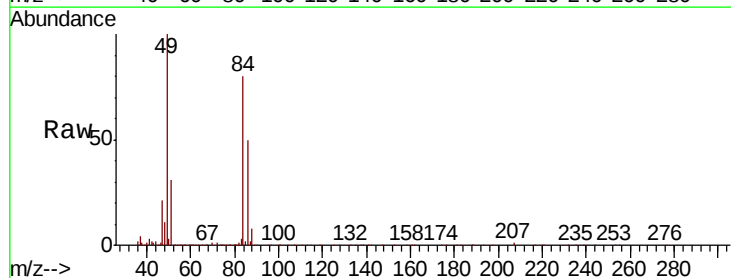
Tot Ion: 73 Resp: 376242
 Ion Ratio Lower Upper
 73 100
 57 22.0 16.8 25.2

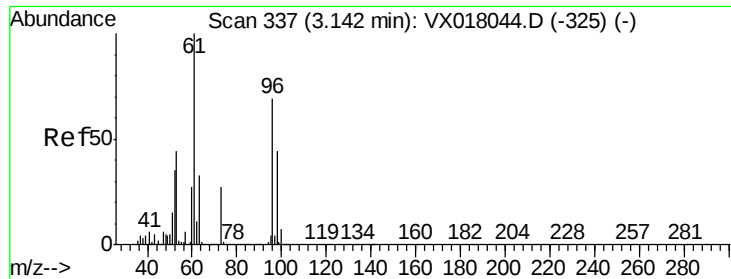


#20

Methylene Chloride
 Concen: 18.884 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

Tgt Ion: 84 Resp: 123045
 Ion Ratio Lower Upper
 84 100
 49 125.2 98.6 148.0
 51 39.3 29.6 44.4
 86 62.9 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 19.129 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampled :

VX0831WBS01

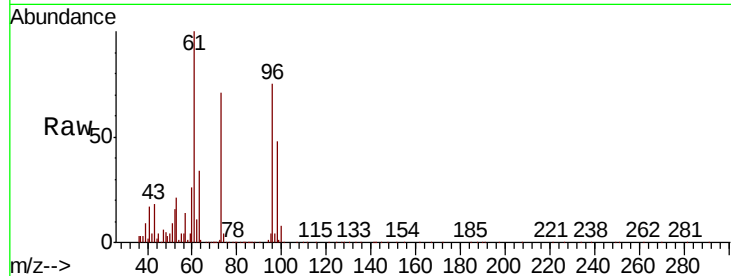
Tot Ion: 96 Resp: 117485

Ion Ratio Lower Upper

96 100

61 133.4 115.4 173.0

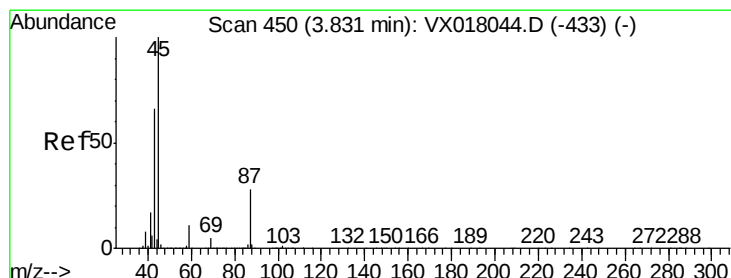
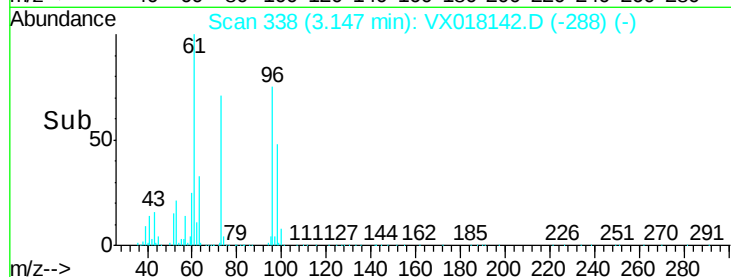
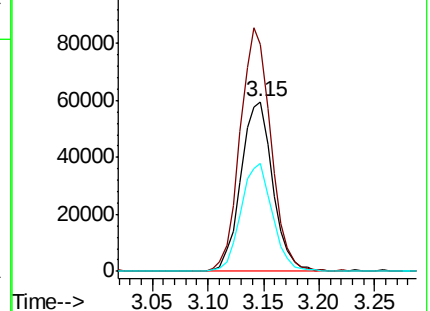
98 63.8 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.684 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Tgt Ion: 45 Resp: 386929

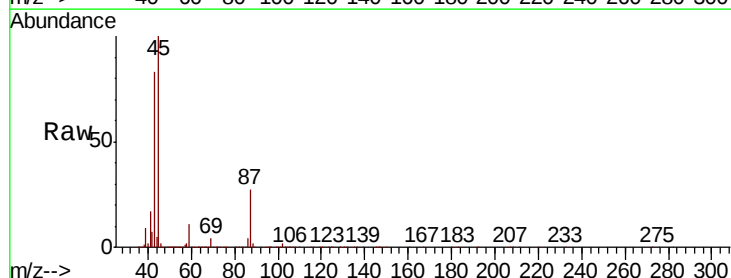
Ion Ratio Lower Upper

45 100

43 82.6 52.8 79.2#

87 26.8 22.5 33.7

59 11.3 9.0 13.6

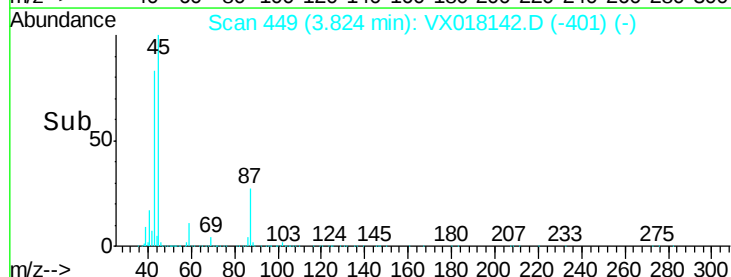
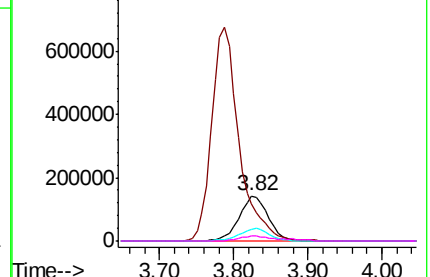


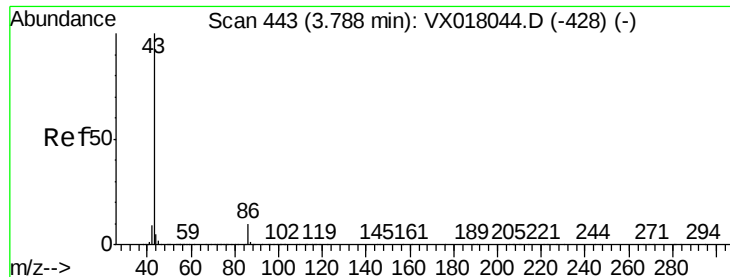
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

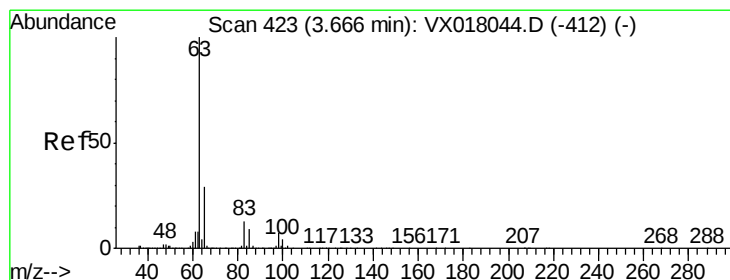
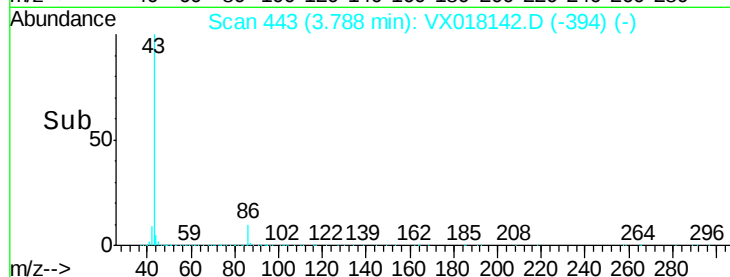
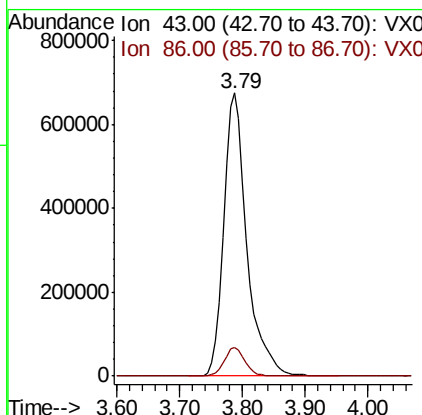
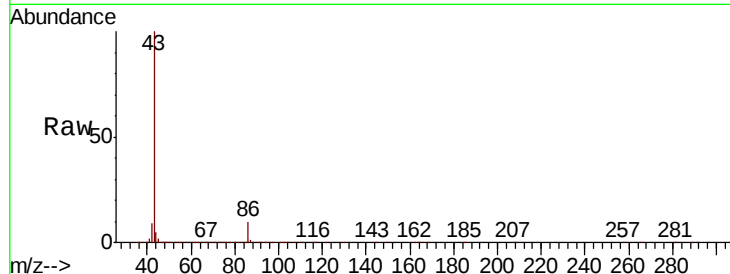




#23
 Vinyl Acetate
 Concen: 98.119 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

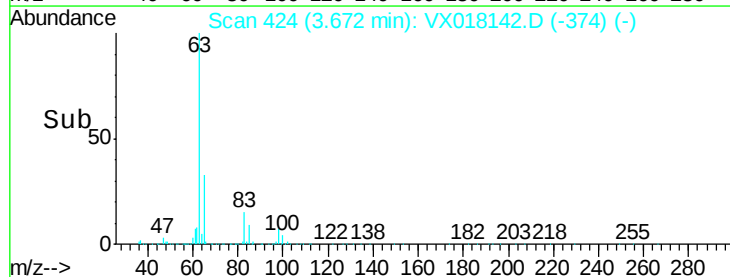
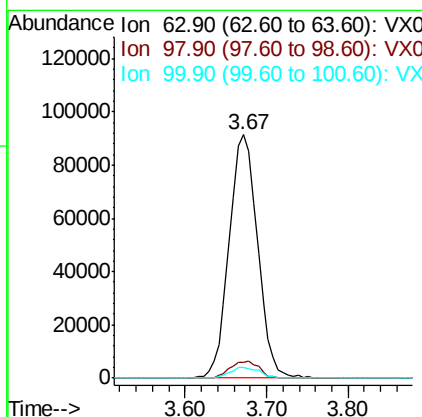
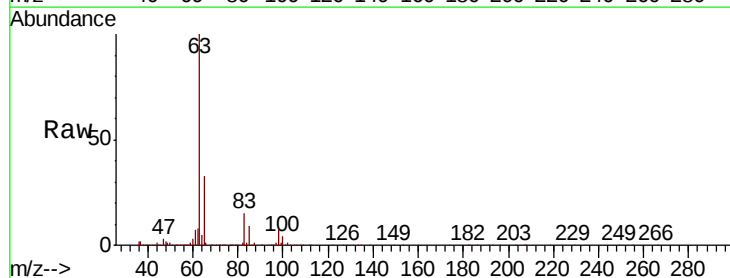
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBS01

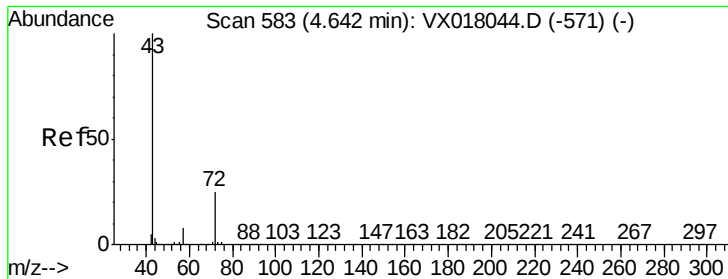
Tot Ion: 43 Resp: 1716223
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 19.629 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.01 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

Tgt Ion: 63 Resp: 219646
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.8
 100 4.4 2.0 6.0





#25

2-Butanone

Concen: 89.741 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

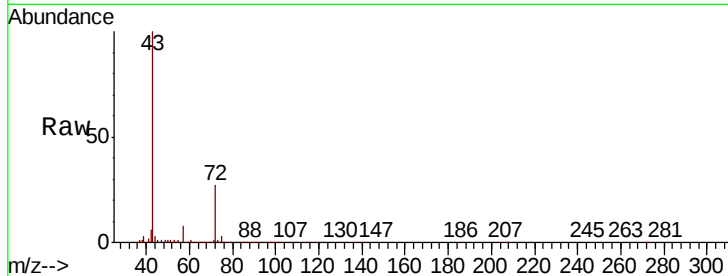
VX0831WBS01

Tot Ion: 43 Resp: 452571

Ion Ratio Lower Upper

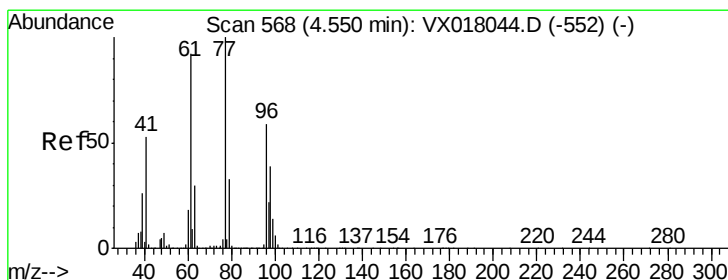
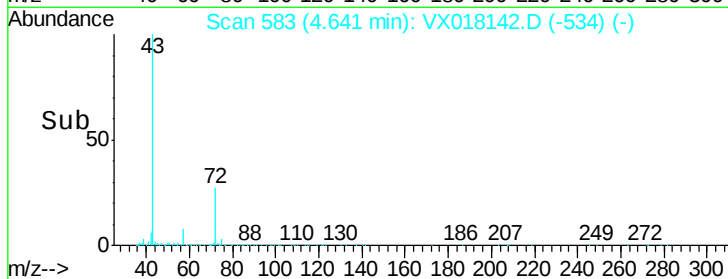
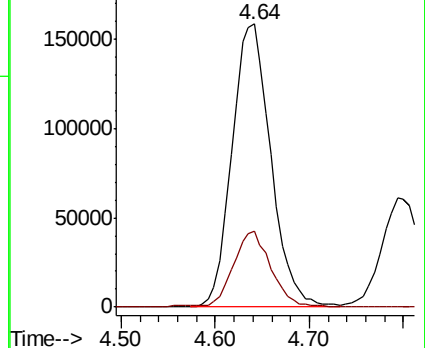
43 100

72 26.6 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 21.526 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018142.D

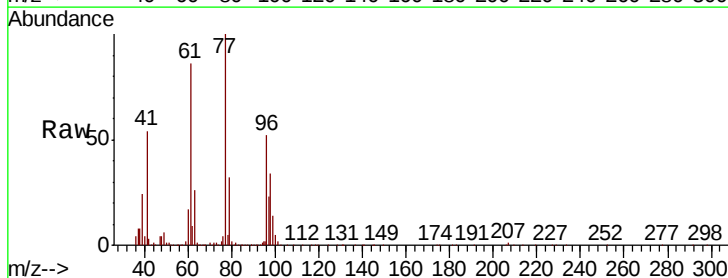
Acq: 31 Aug 2020 13:14

Tgt Ion: 77 Resp: 195984

Ion Ratio Lower Upper

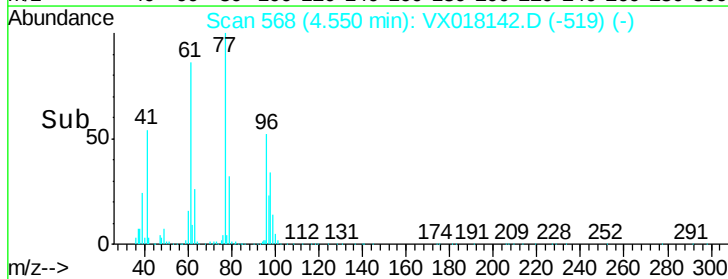
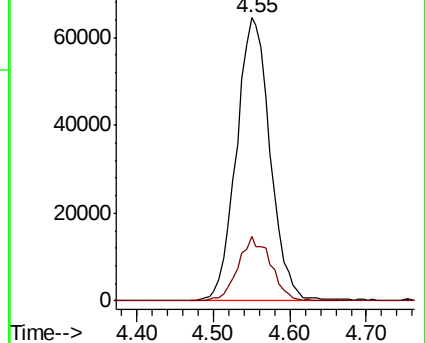
77 100

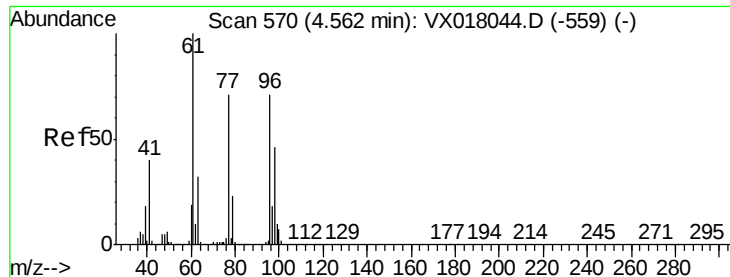
97 22.1 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



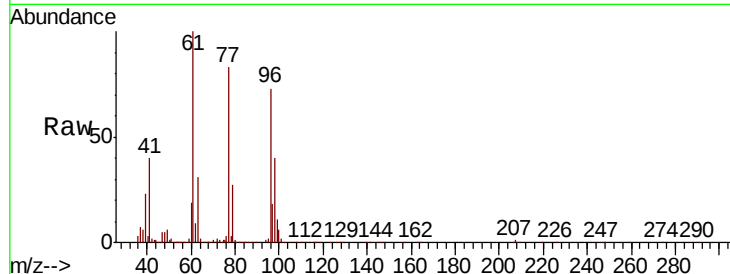


#27

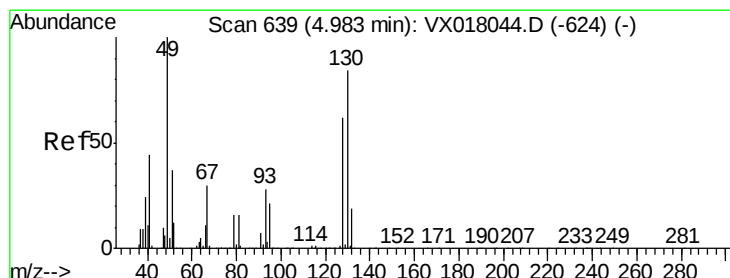
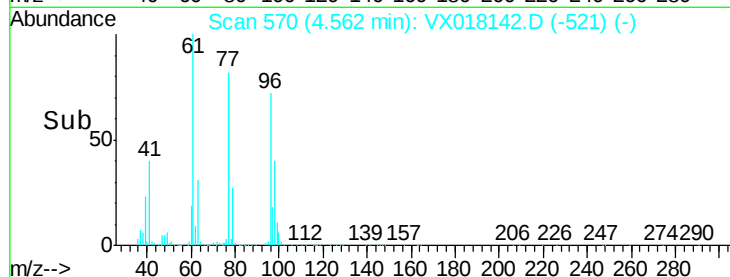
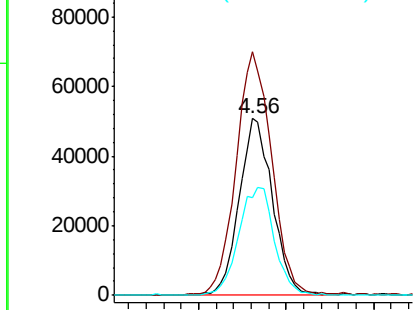
cis-1,2-Dichloroethene
Concen: 18.975 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.4	0.0	296.6
98	65.8	0.0	130.2



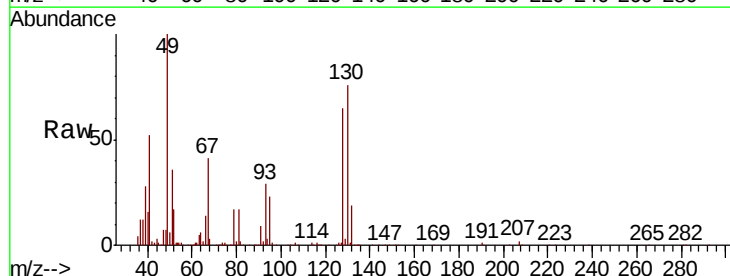
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



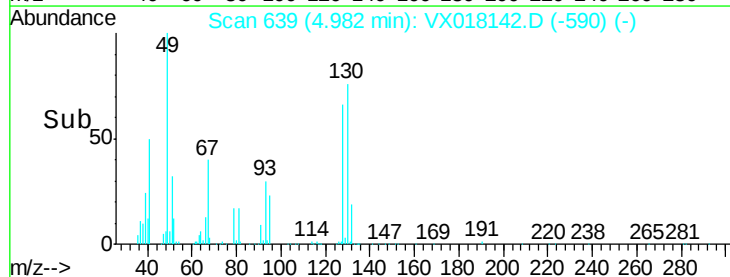
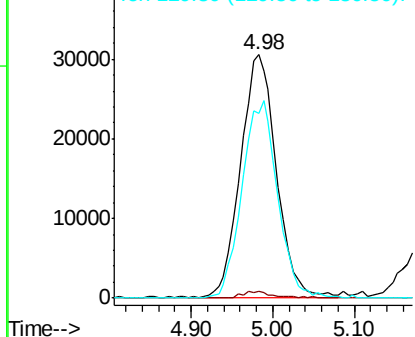
#28

Bromochloromethane
Concen: 17.361 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	80.0	64.6	96.8



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





#29

Tetrahydrofuran

Concen: 91.984 ug/l

RT: 5.10 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBS01

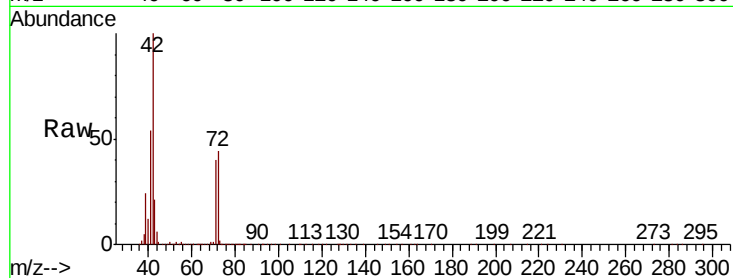
Tot Ion: 42 Resp: 295297

Ion Ratio Lower Upper

42 100

72 43.3 34.2 51.4

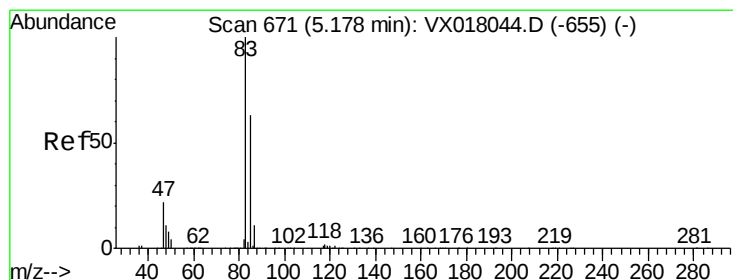
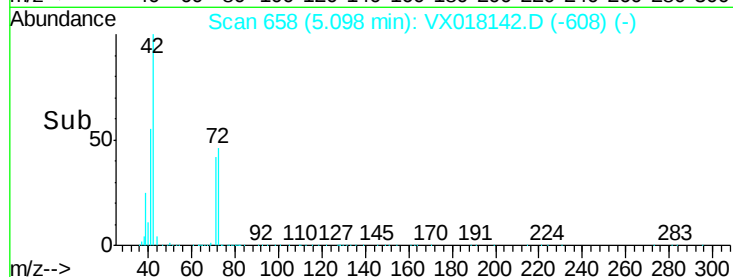
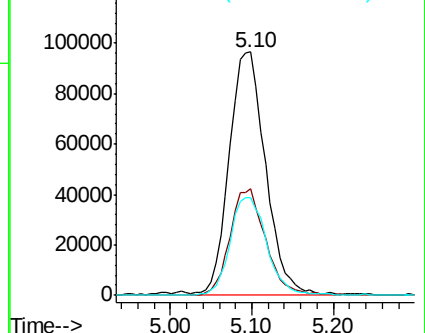
71 41.0 32.1 48.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.356 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX018142.D

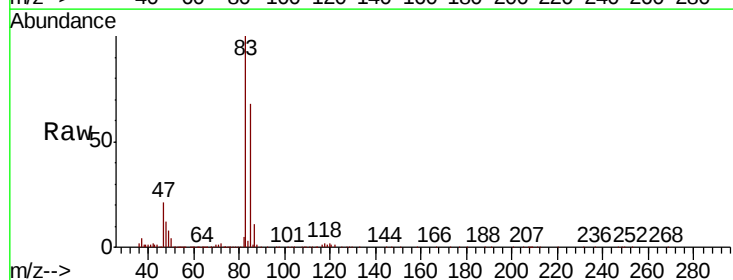
Acq: 31 Aug 2020 13:14

Tgt Ion: 83 Resp: 224266

Ion Ratio Lower Upper

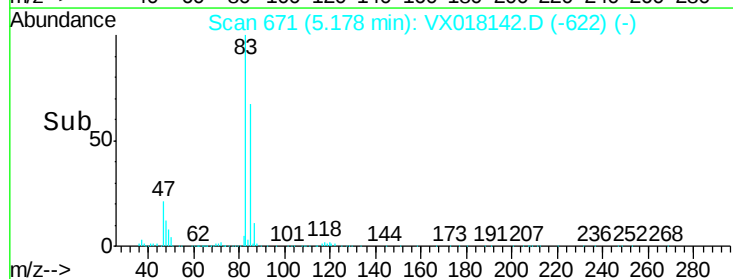
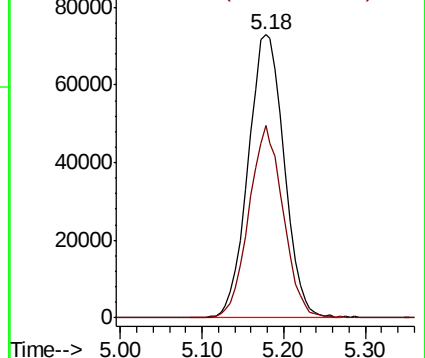
83 100

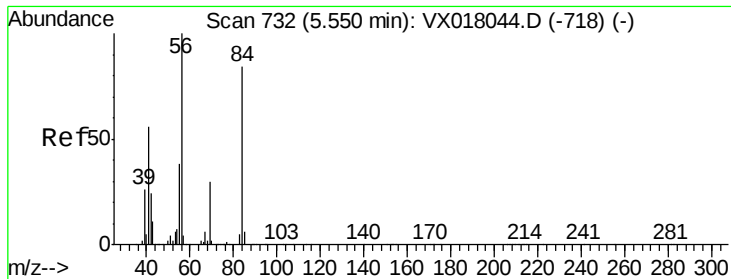
85 67.9 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 19.206 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampled :

VX0831WBS01

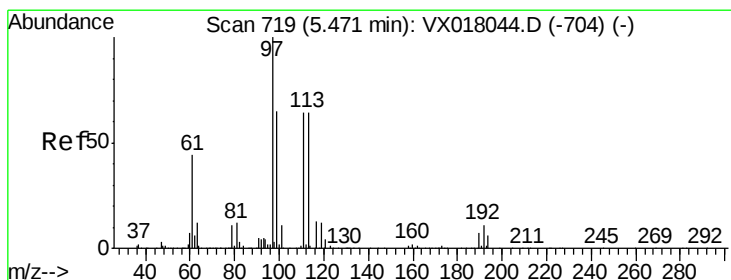
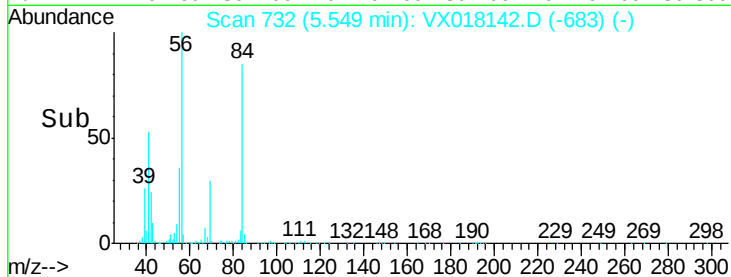
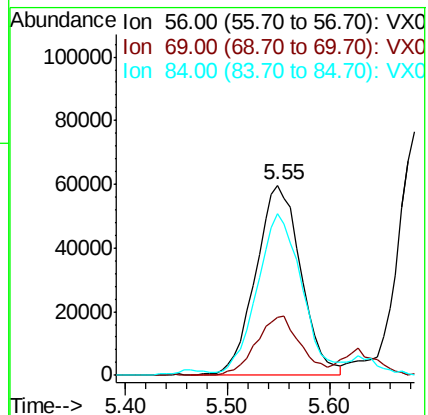
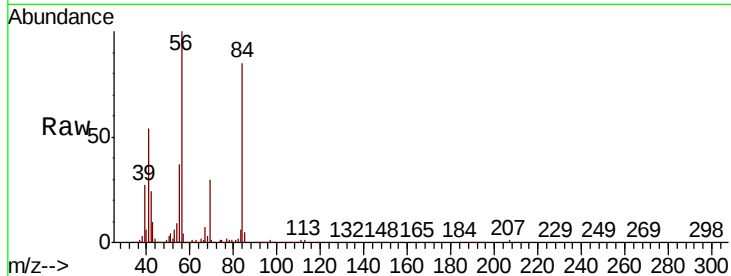
Tot Ion: 56 Resp: 181035

Ion Ratio Lower Upper

56 100

69 29.5 23.9 35.9

84 82.4 67.0 100.4



#32

1,1,1-Trichloroethane

Concen: 19.864 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

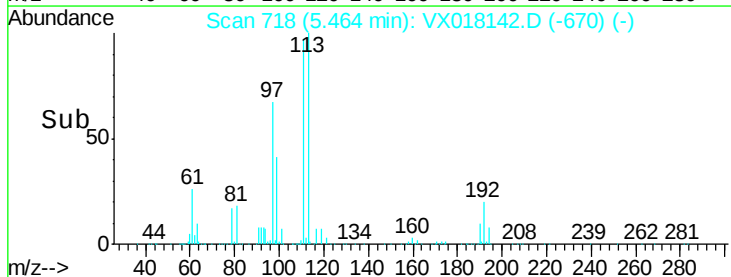
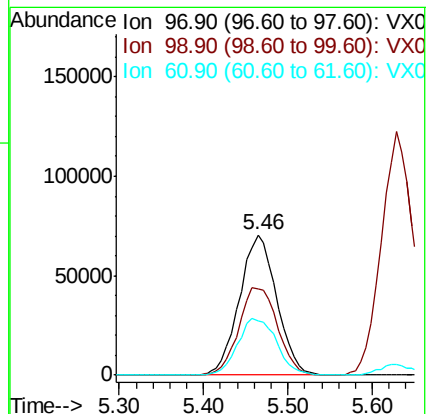
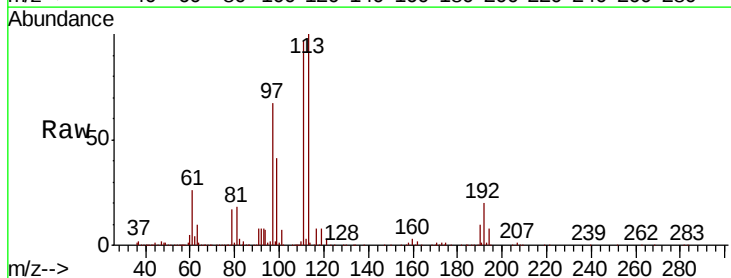
Tgt Ion: 97 Resp: 211208

Ion Ratio Lower Upper

97 100

99 64.8 51.4 77.0

61 42.4 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 47.870 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

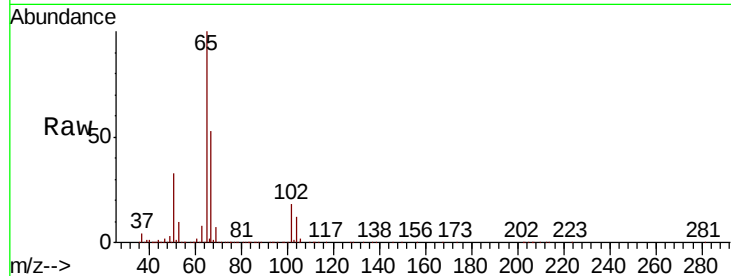
VX0831WBS01

Tot Ion: 65 Resp: 376978

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

150000

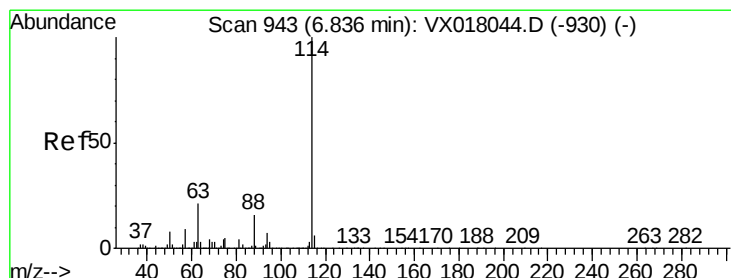
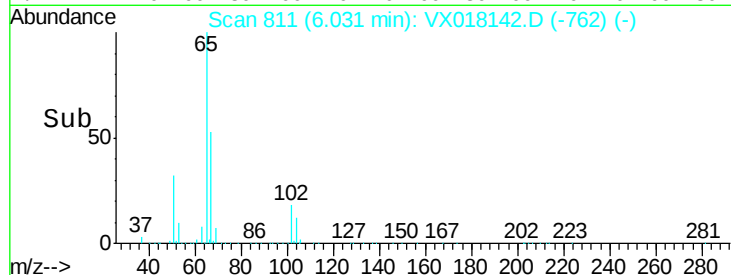
100000

50000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

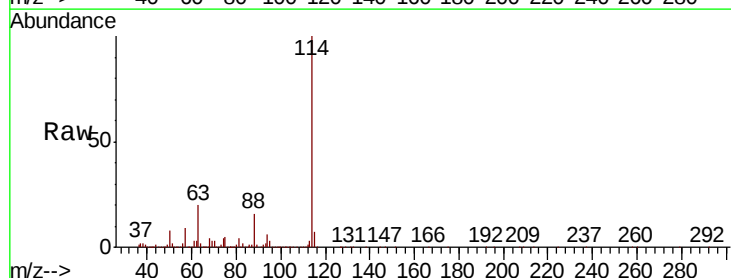
Tgt Ion: 114 Resp: 895860

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

88 16.3 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

500000

400000

300000

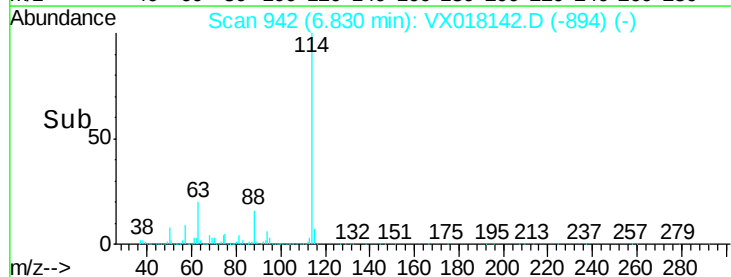
200000

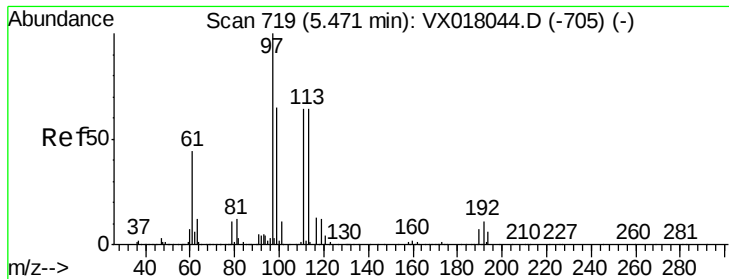
100000

0

Time-->

6.70 6.80 6.90

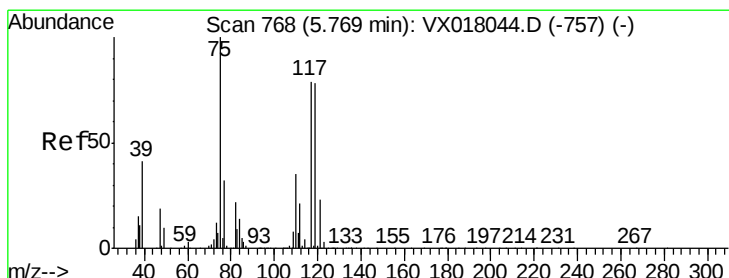
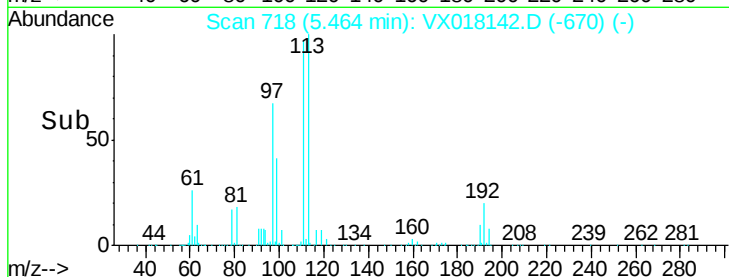
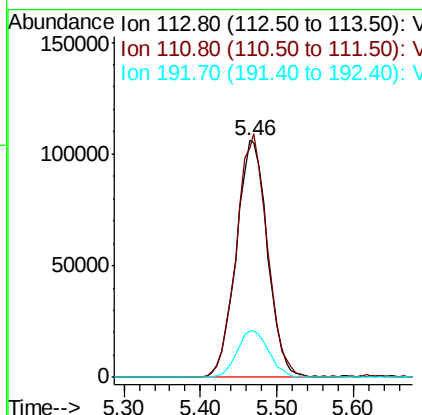
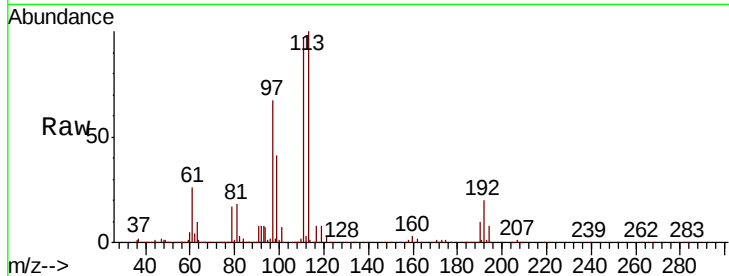




#35
 Dibromofluoromethane
 Concen: 49.312 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

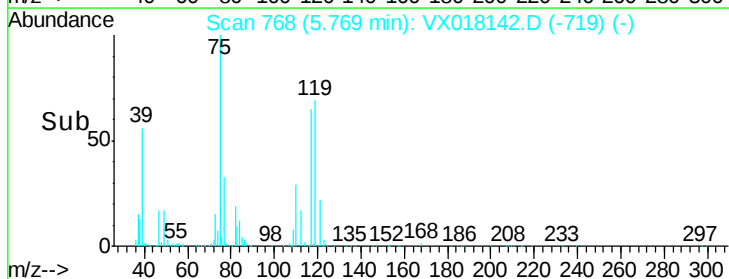
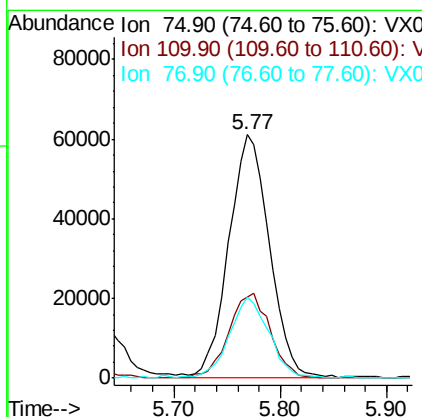
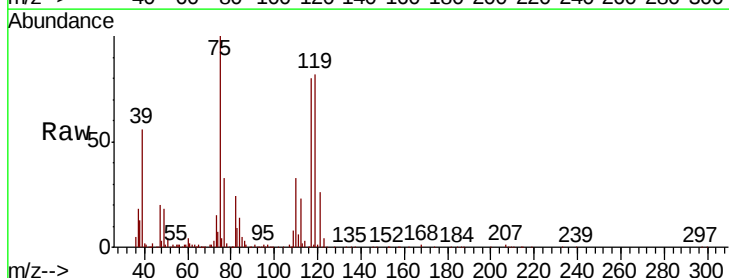
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBS01

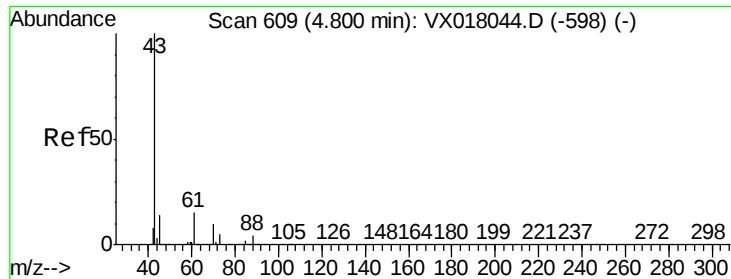
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.6	122.4
192	20.1	15.8	23.8



#36
 1,1-Dichloropropene
 Concen: 19.663 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	18.0	54.0
77	32.2	24.4	36.6

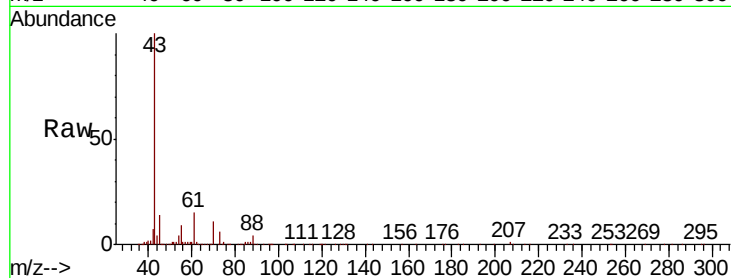




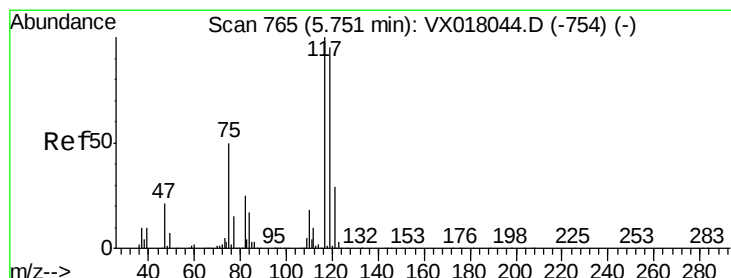
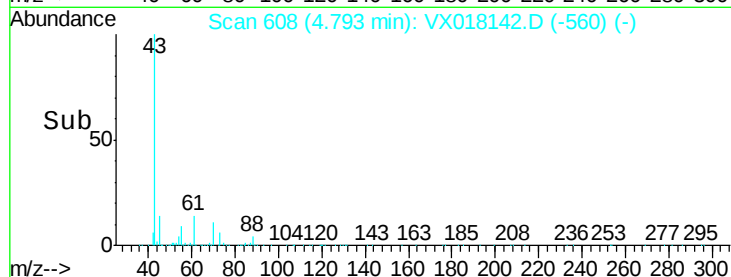
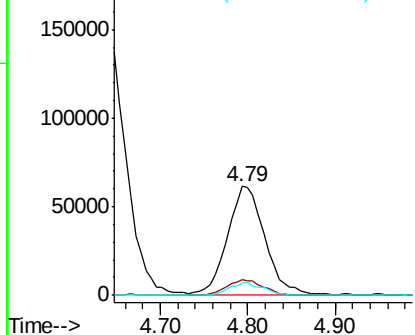
#37
Ethyl Acetate
Concen: 18.774 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS01

Tot Ion	43	Resp	180176
Ion Ratio	Lower	Upper	
43	100		
61	14.1	11.3	16.9
70	11.3	8.2	12.4

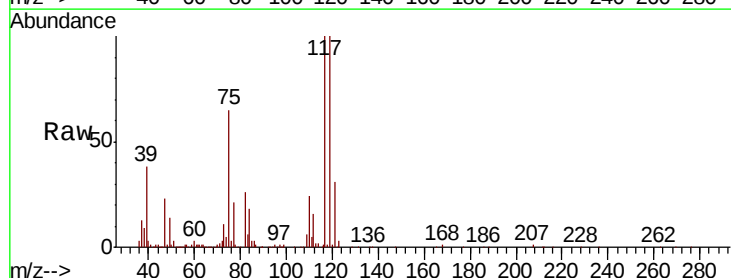


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

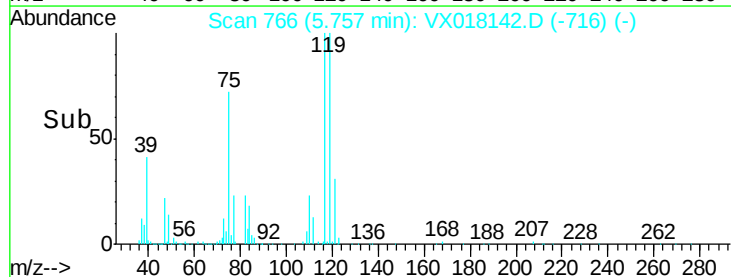
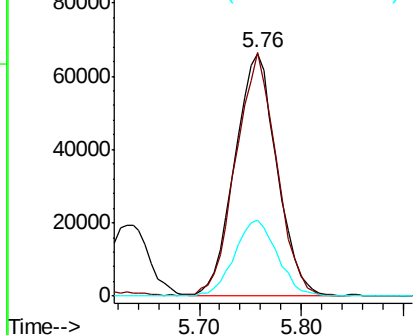


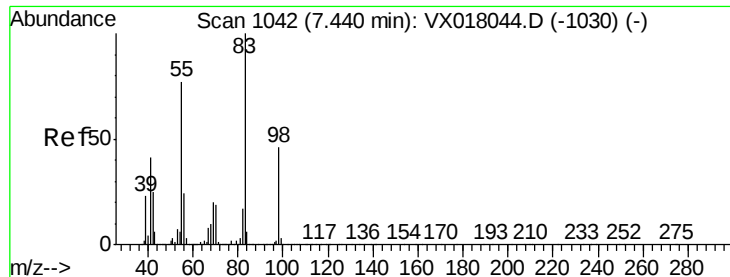
#38
Carbon Tetrachloride
Concen: 20.290 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tgt Ion	117	Resp	188944
Ion Ratio	Lower	Upper	
117	100		
119	100.5	75.8	113.6
121	31.2	23.4	35.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

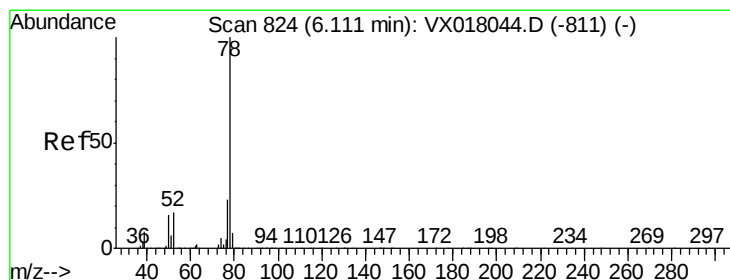
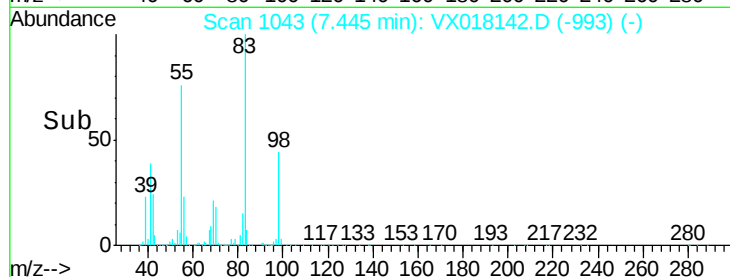
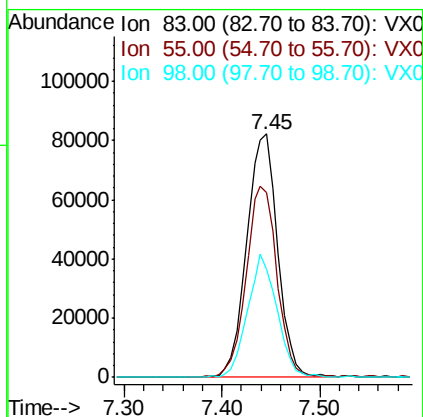
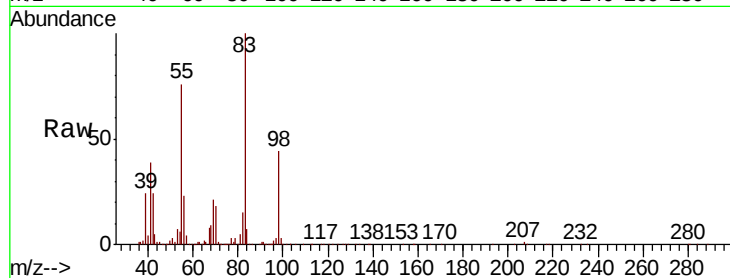




#39
Methvlcvclohexane
Concen: 19.956 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

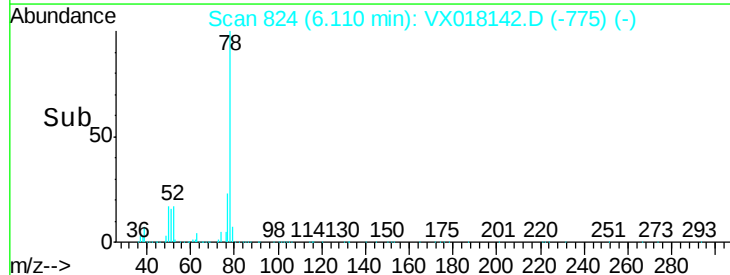
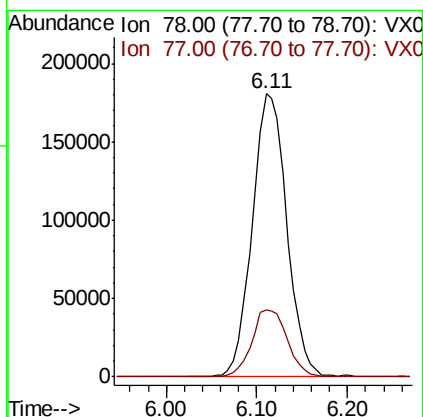
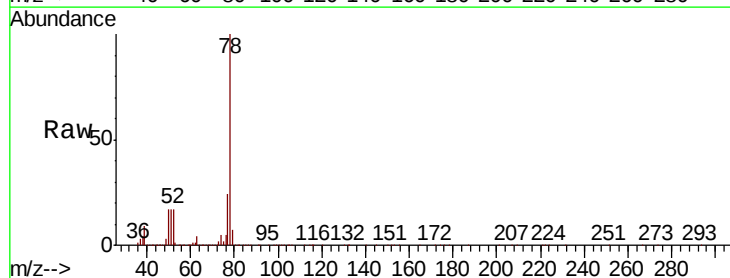
Instrument :
MSVOA_X
ClientSampled :
VX0831WBS01

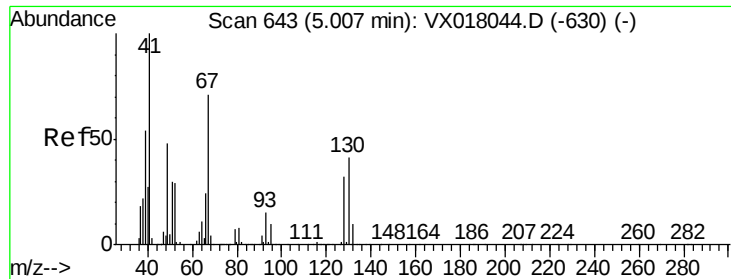
Tot Ion: 83 Resp: 180306
Ion Ratio Lower Upper
83 100
55 75.6 61.8 92.6
98 44.4 36.6 55.0



#40
Benzene
Concen: 19.589 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tgt Ion: 78 Resp: 475609
Ion Ratio Lower Upper
78 100
77 23.5 18.2 27.2





#41

Methacrylonitrile

Concen: 18.301 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBS01

Tot Ion: 41 Resp: 96434

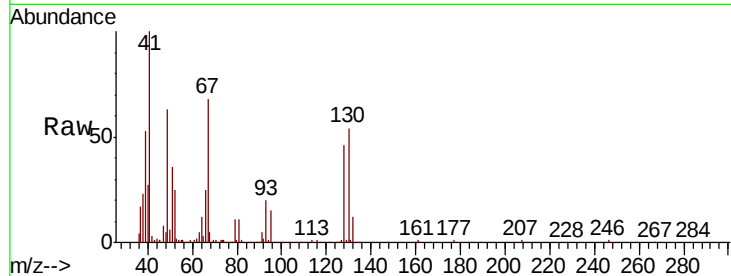
Ion Ratio Lower Upper

41 100

39 55.2 43.1 64.7

67 73.4 56.0 84.0

52 30.9 22.7 34.1

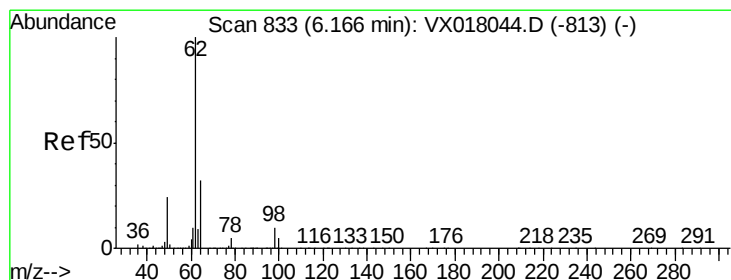
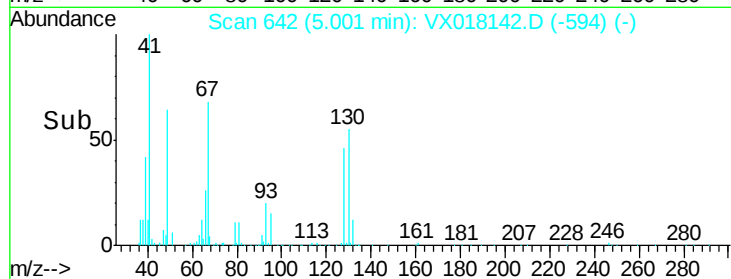
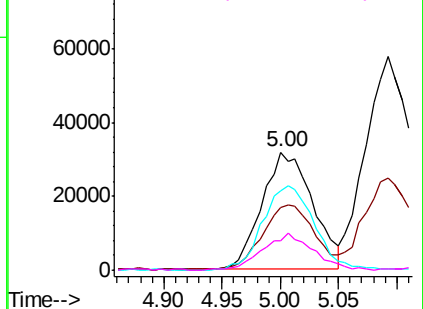


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.861 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX018142.D

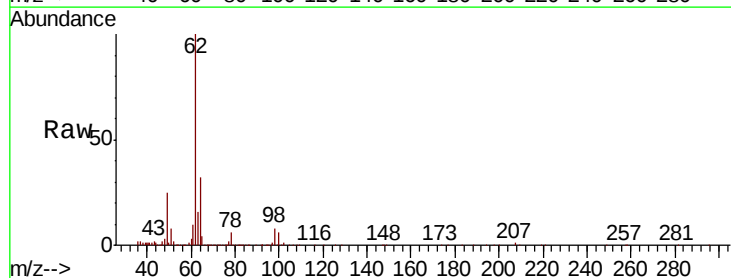
Acq: 31 Aug 2020 13:14

Tgt Ion: 62 Resp: 184755

Ion Ratio Lower Upper

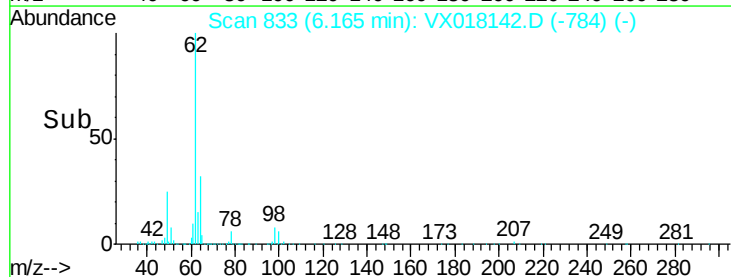
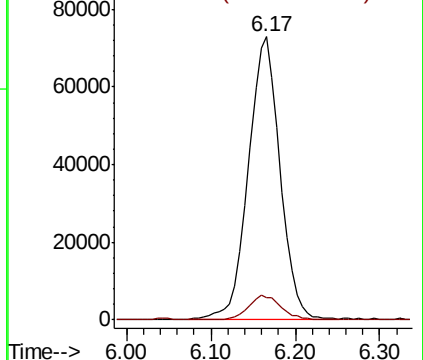
62 100

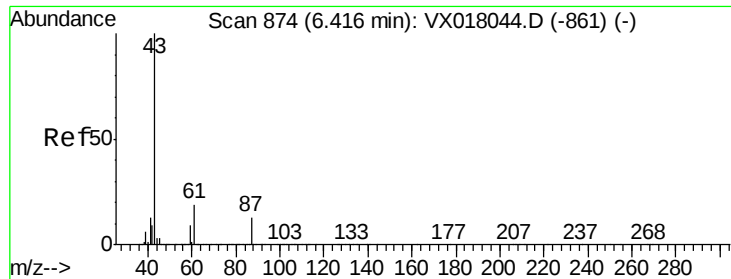
98 9.0 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.033 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBS01

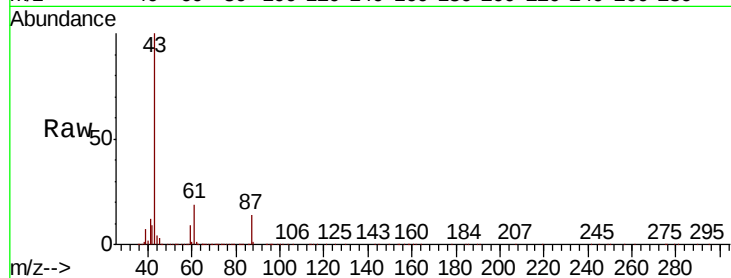
Tot Ion: 43 Resp: 295025

Ion Ratio Lower Upper

43 100

61 19.7 15.7 23.5

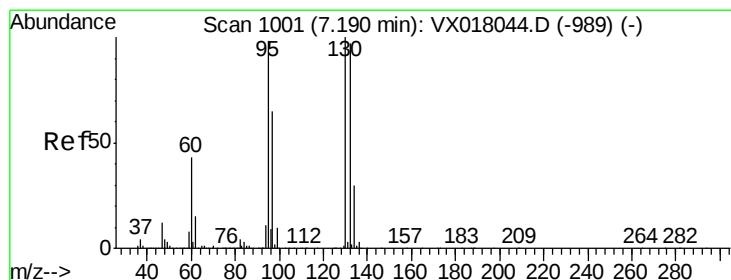
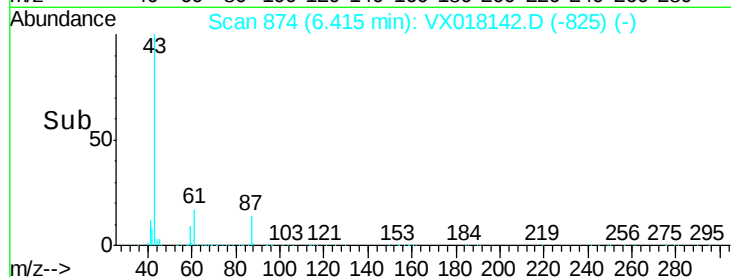
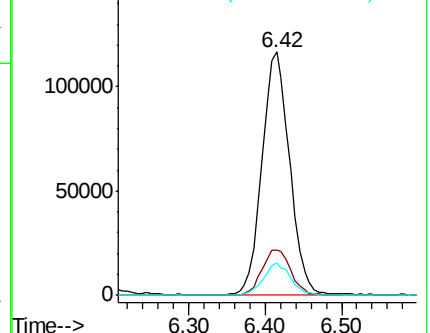
87 13.2 10.3 15.5



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: 19.251 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018142.D

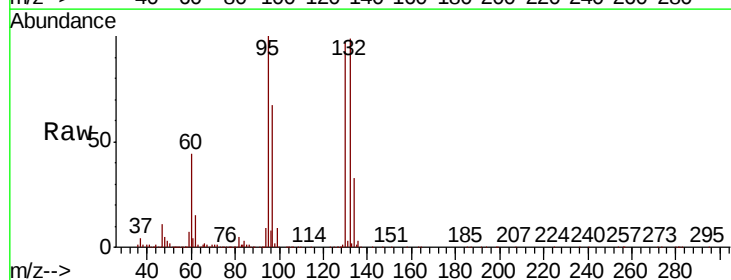
Acq: 31 Aug 2020 13:14

Tgt Ion:130 Resp: 132071

Ion Ratio Lower Upper

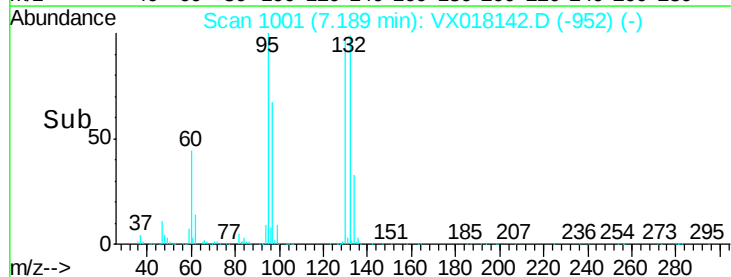
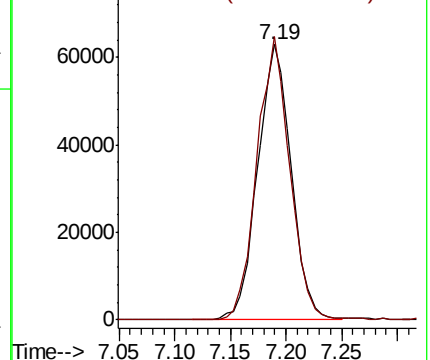
130 100

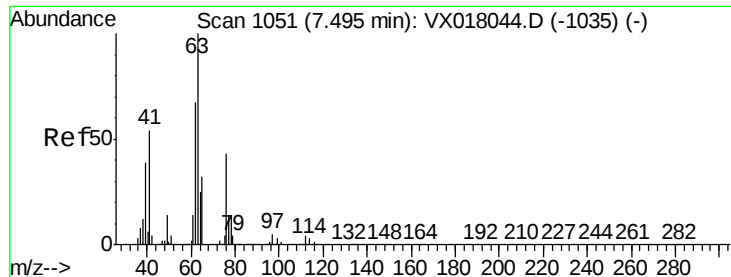
95 103.0 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

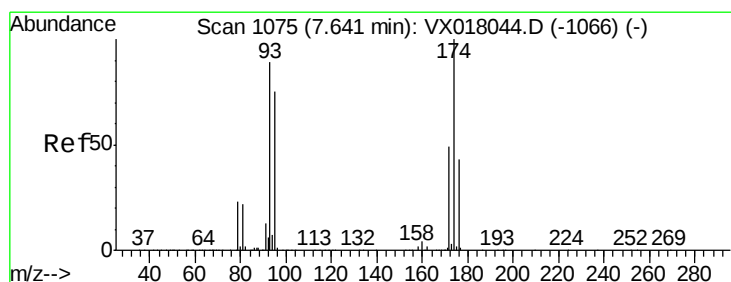
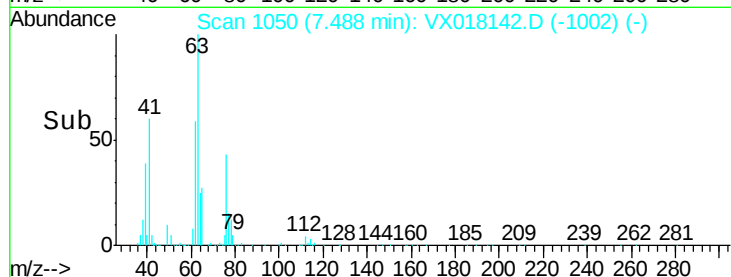
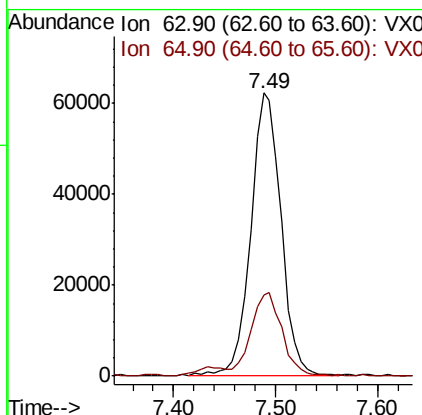
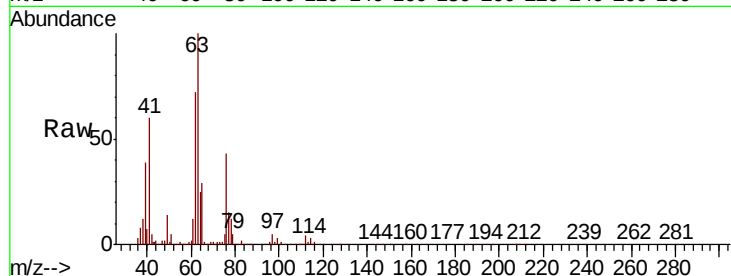




#45
 1,2-Dichloropropane
 Concen: 19.769 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

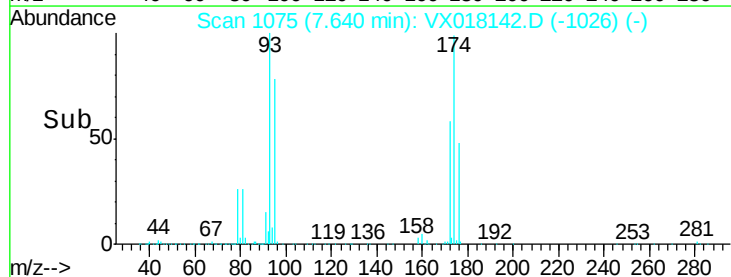
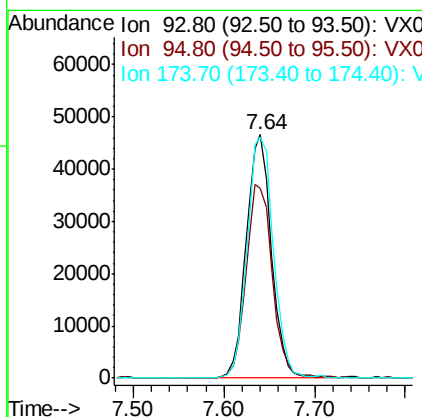
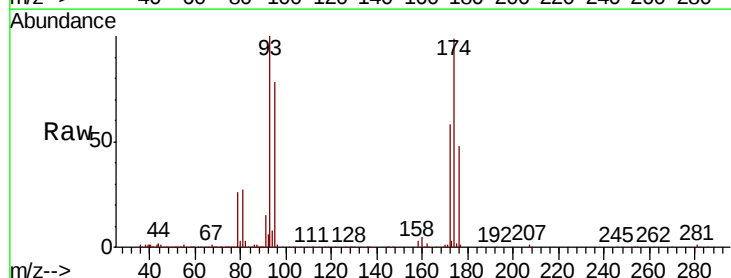
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBS01

Tot Ion: 63 Resp: 129367
 Ion Ratio Lower Upper
 63 100
 65 28.2 25.7 38.5



#46
 Dibromomethane
 Concen: 19.342 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

Tgt Ion: 93 Resp: 89004
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.3 100.9
 174 104.6 82.2 123.2





#47

Bromodichloromethane

Concen: 20.106 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampled :

VX0831WBS01

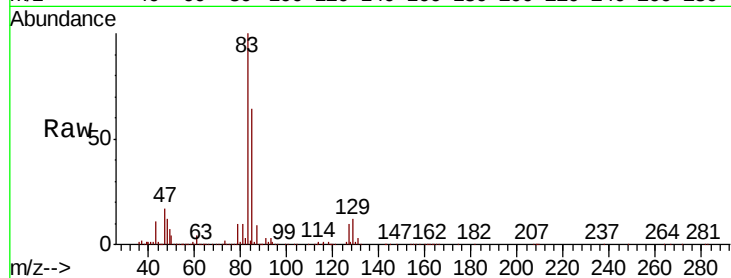
Tot Ion: 83 Resp: 184741

Ion Ratio Lower Upper

83 100

85 64.2 51.8 77.6

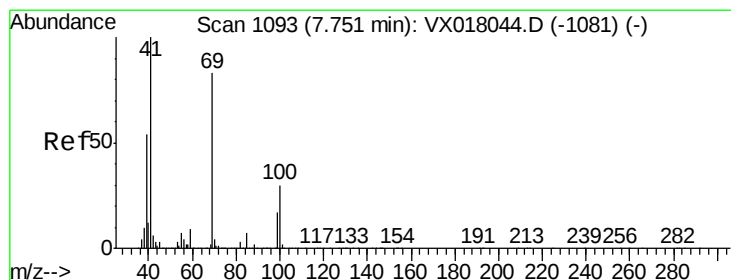
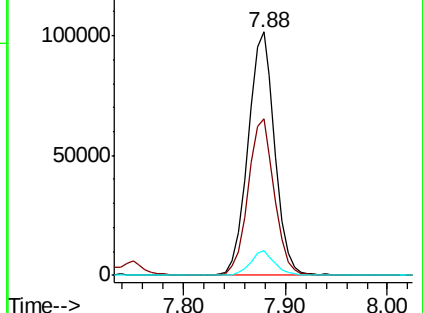
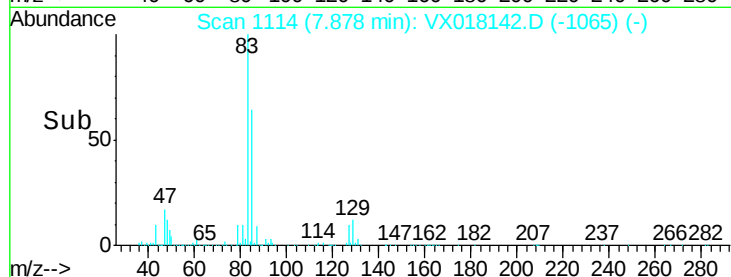
127 10.2 7.7 11.5



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: 18.653 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

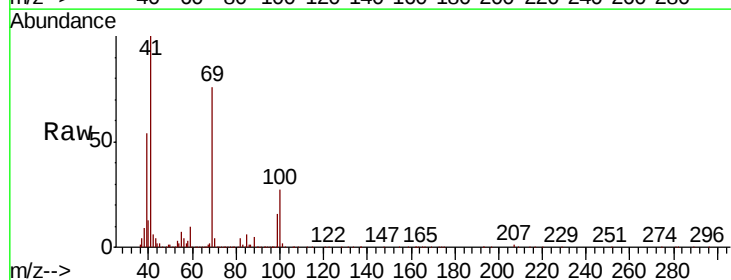
Tgt Ion: 41 Resp: 143937

Ion Ratio Lower Upper

41 100

69 80.3 65.5 98.3

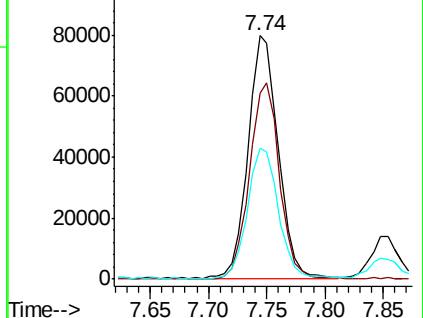
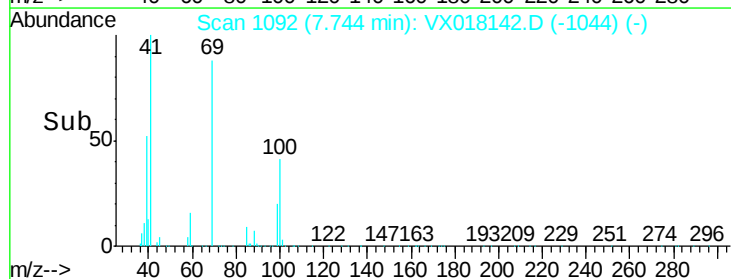
39 55.4 44.5 66.7

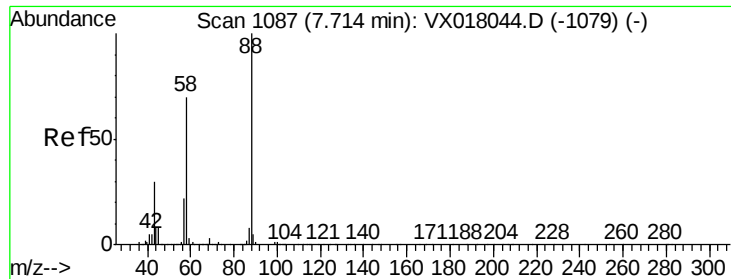


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 372.396 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBS01

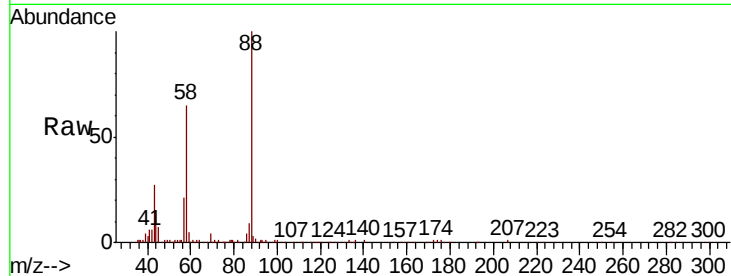
Tot Ion: 88 Resp: 52052

Ion Ratio Lower Upper

88 100

43 35.8 27.4 41.0

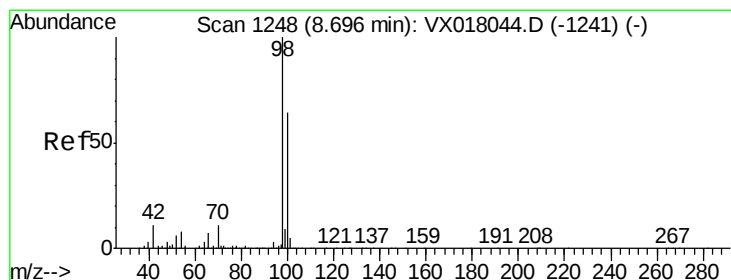
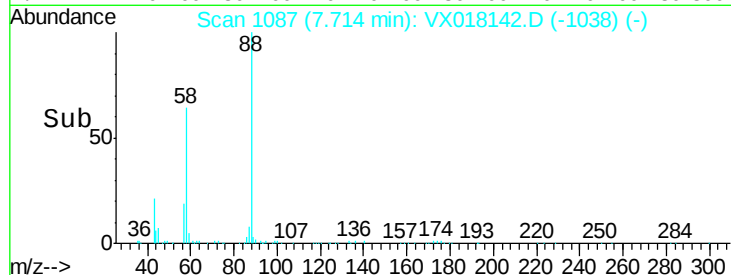
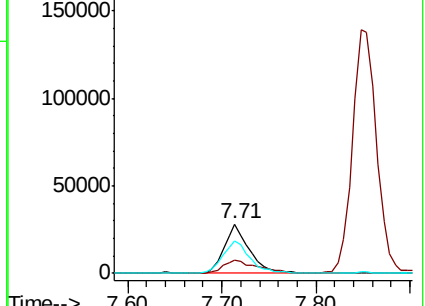
58 69.7 56.4 84.6



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: 47.697 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018142.D

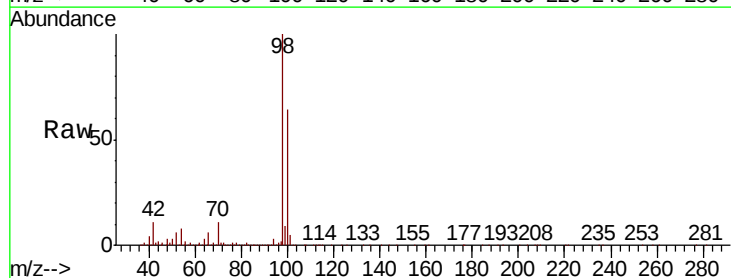
Acq: 31 Aug 2020 13:14

Tgt Ion: 98 Resp: 1083898

Ion Ratio Lower Upper

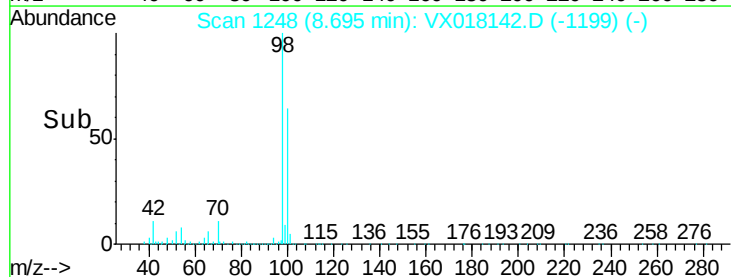
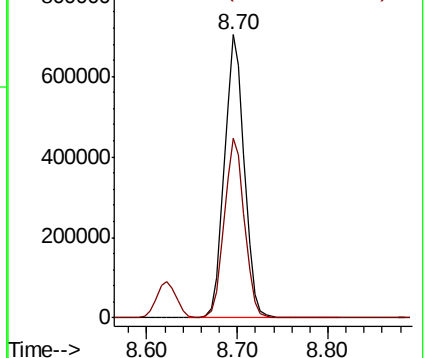
98 100

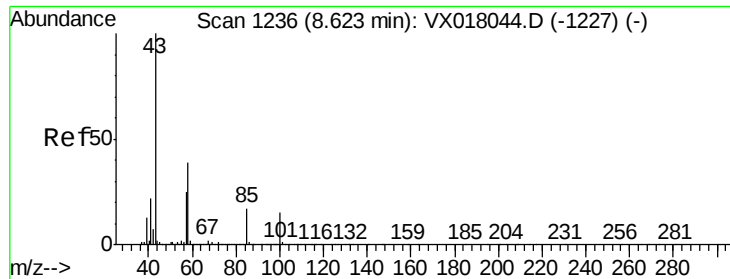
100 64.4 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 96.107 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

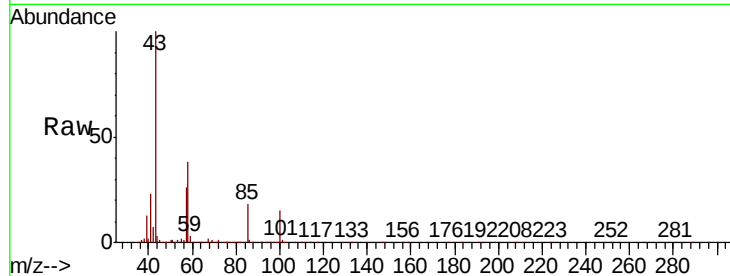
VX0831WBS01

Tot Ion: 43 Resp: 920218

Ion Ratio Lower Upper

43 100

58 38.2 30.7 46.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

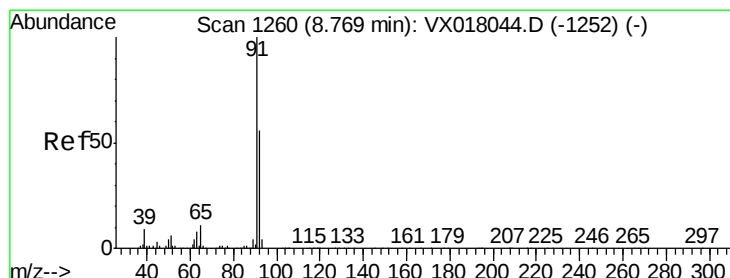
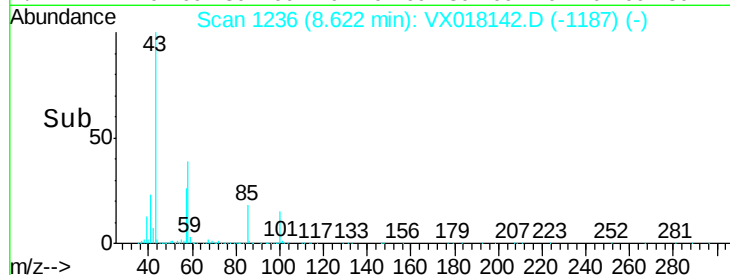
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 19.821 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018142.D

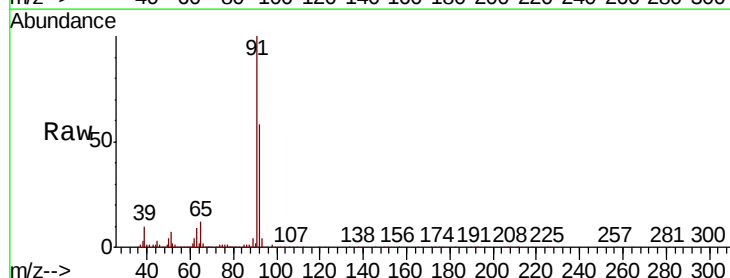
Acq: 31 Aug 2020 13:14

Tgt Ion: 92 Resp: 305160

Ion Ratio Lower Upper

92 100

91 171.3 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

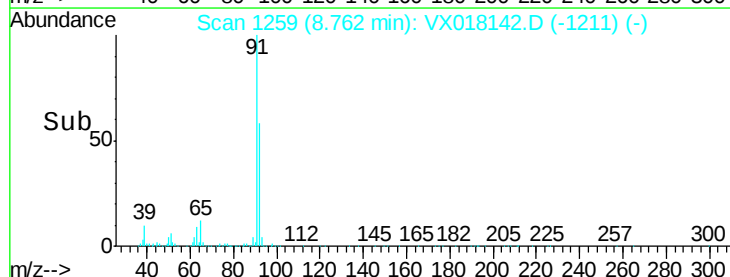
300000

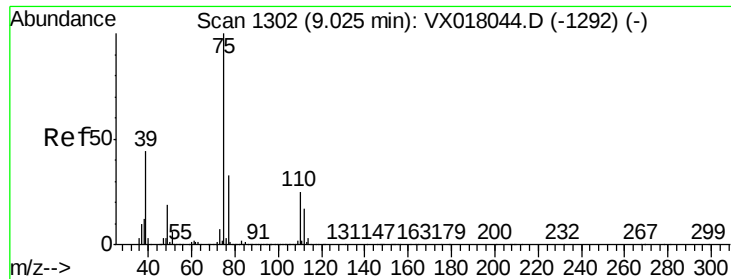
200000

100000

0

Time-->

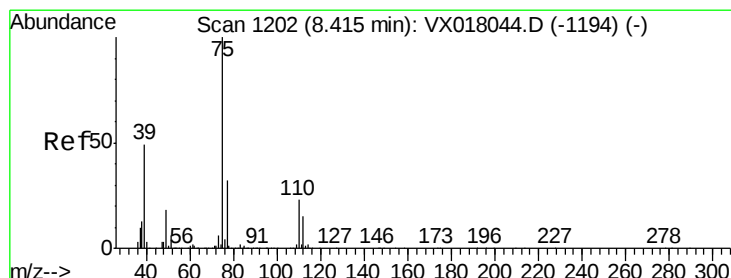
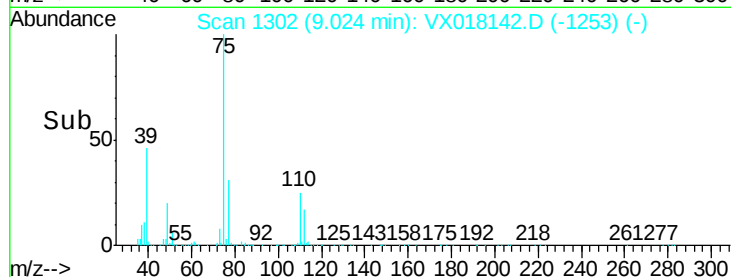
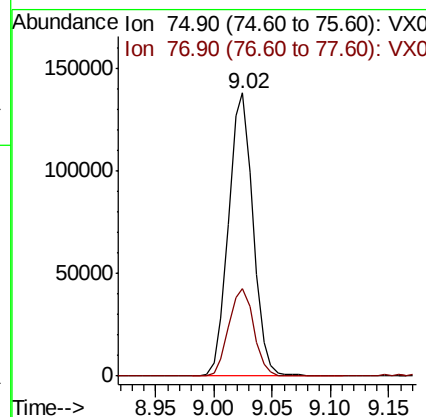
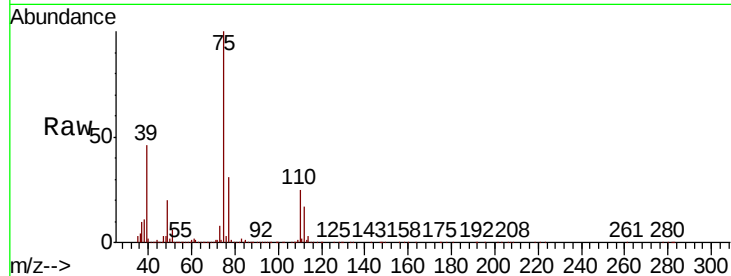




#53
t-1,3-Dichloropropene
Concen: 19.811 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

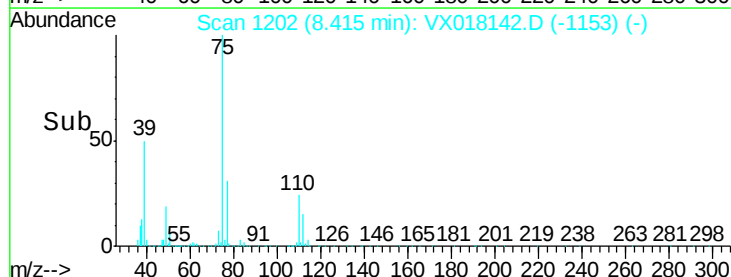
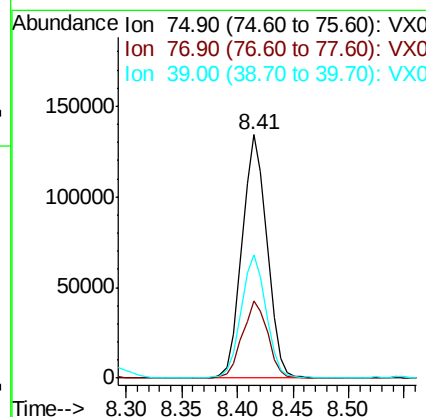
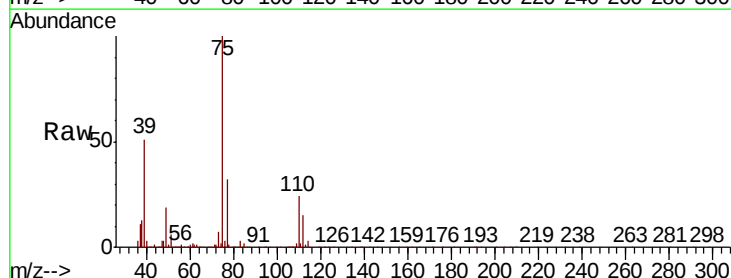
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS01

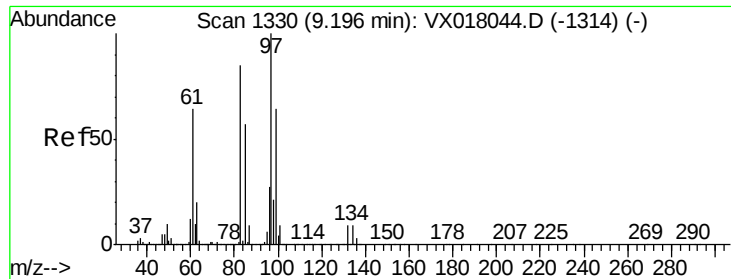
Tot Ion: 75 Resp: 201747
Ion Ratio Lower Upper
75 100
77 30.8 26.6 39.8



#54
cis-1,3-Dichloropropene
Concen: 19.370 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tgt Ion: 75 Resp: 208956
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.8
39 50.4 38.8 58.2

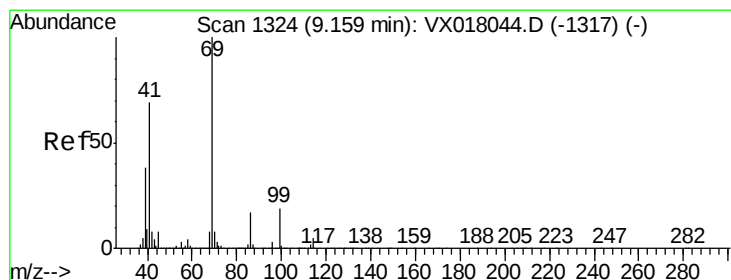
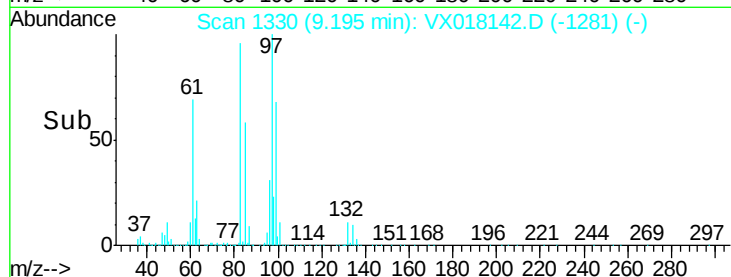
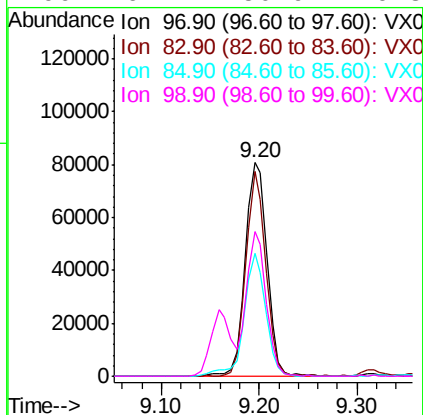
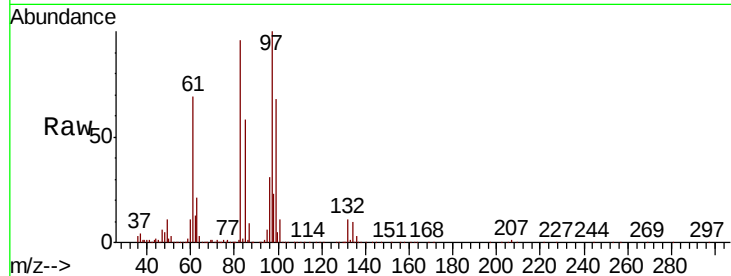




#55
 1,1,2-Trichloroethane
 Concen: 19.067 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

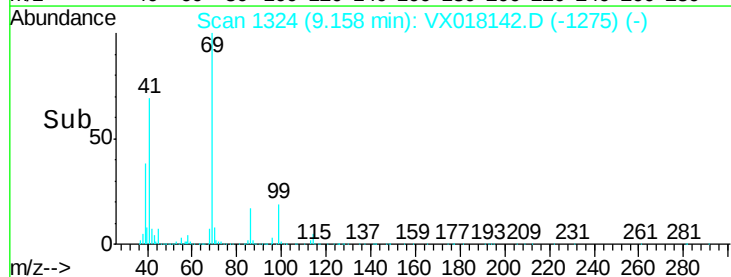
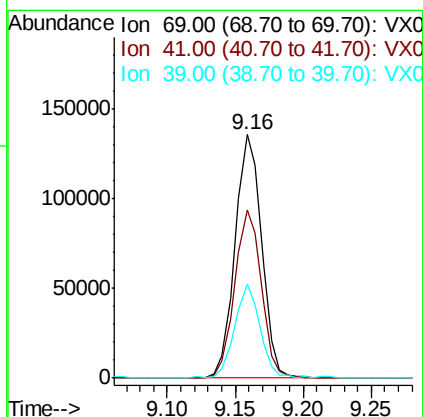
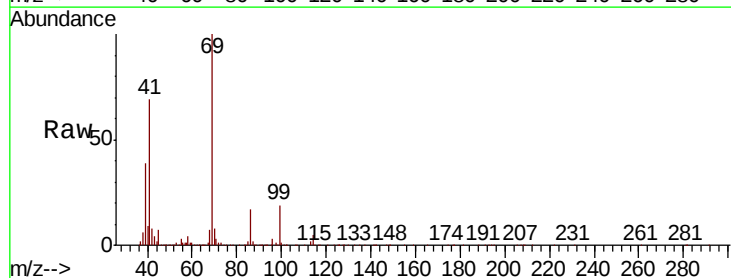
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBS01

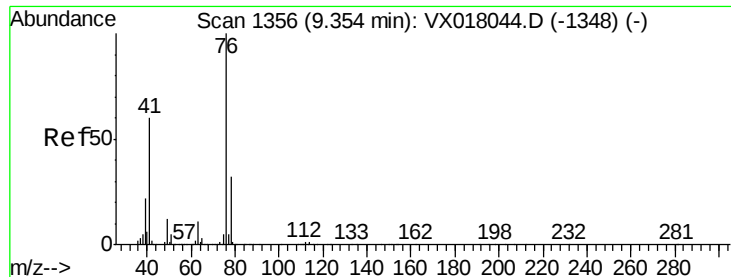
Tot Ion:	97	Resp:	125194
Ion	Ratio	Lower	Upper
97	100		
83	96.1	67.8	101.6
85	57.5	45.3	67.9
99	67.7	50.9	76.3



#56
 Ethyl methacrylate
 Concen: 18.857 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

Tgt Ion:	69	Resp:	184067
Ion	Ratio	Lower	Upper
69	100		
41	68.9	54.6	81.8
39	36.3	29.1	43.7





#57

1,3-Dichloropropane

Concen: 19.669 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

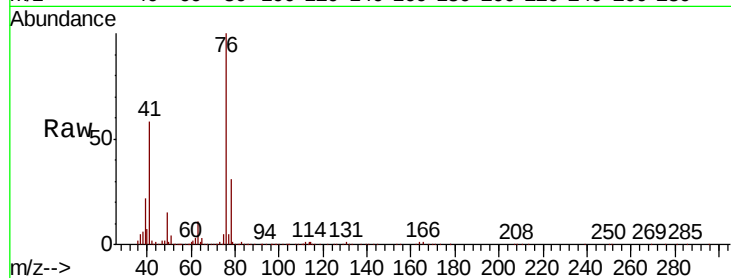
VX0831WBS01

Tot Ion: 76 Resp: 213010

Ion Ratio Lower Upper

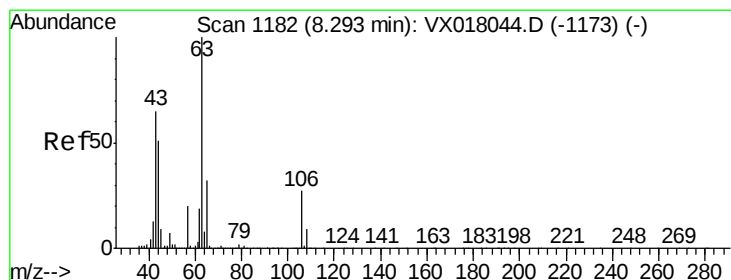
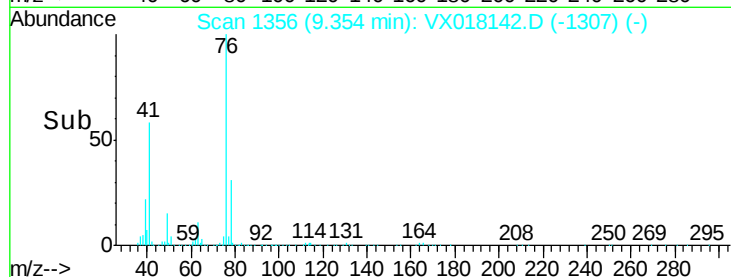
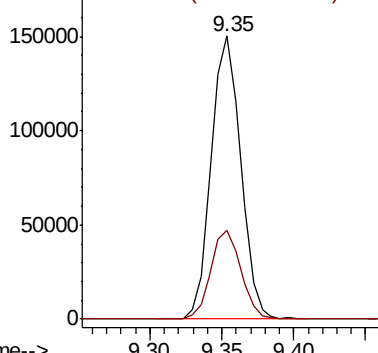
76 100

78 32.2 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 89.837 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018142.D

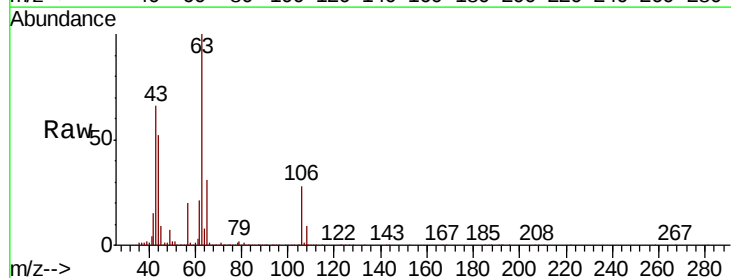
Acq: 31 Aug 2020 13:14

Tgt Ion: 63 Resp: 394481

Ion Ratio Lower Upper

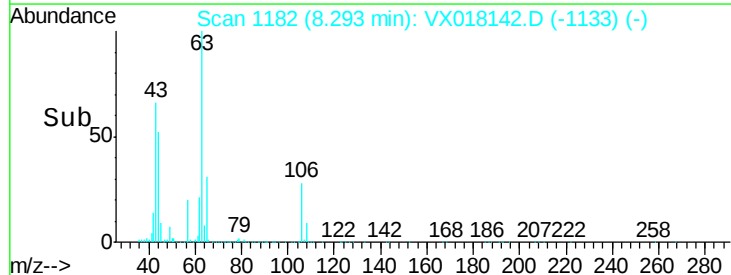
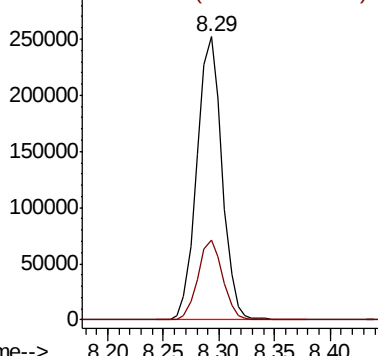
63 100

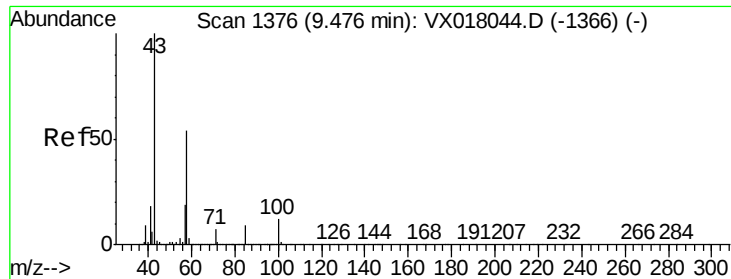
106 27.8 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

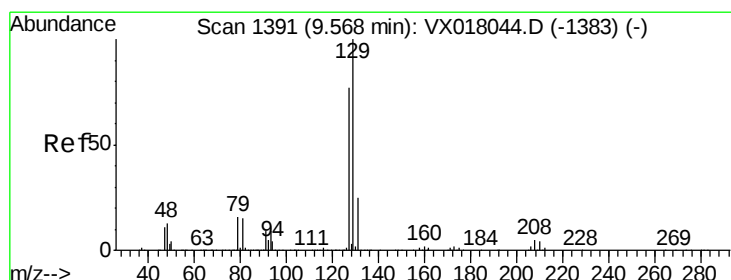
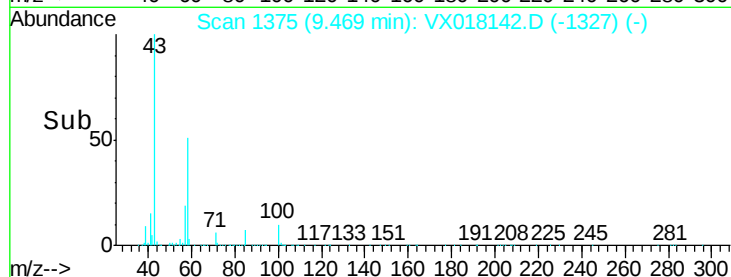
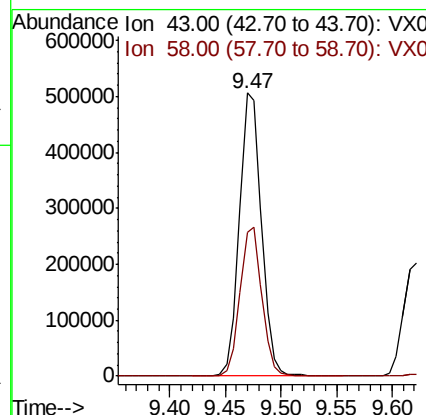
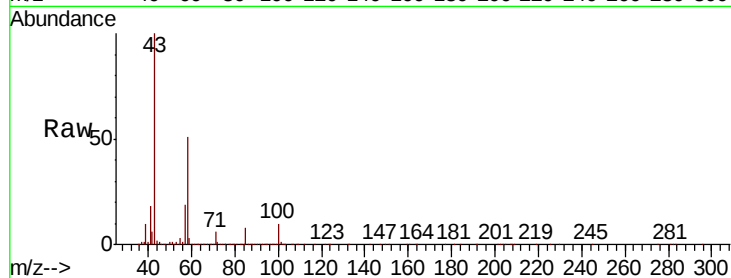




#59
2-Hexanone
Concen: 95.238 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

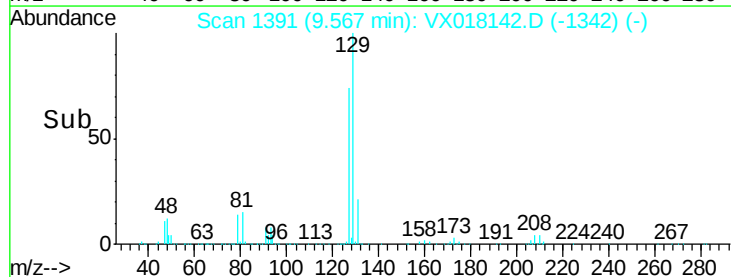
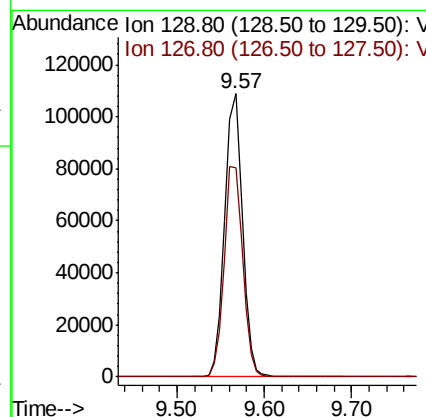
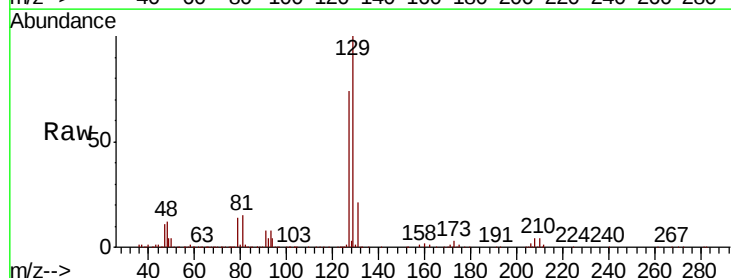
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS01

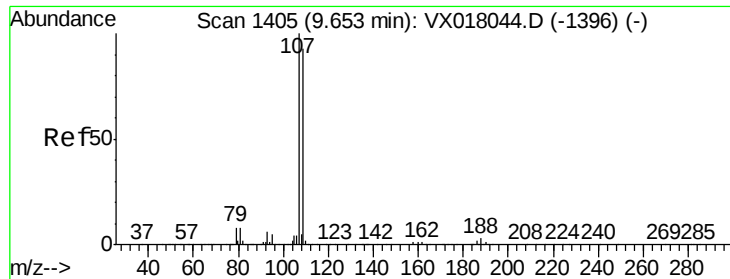
Tot Ion: 43 Resp: 693396
Ion Ratio Lower Upper
43 100
58 52.1 26.6 79.7



#60
Dibromochloromethane
Concen: 19.921 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tgt Ion: 129 Resp: 153449
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.6

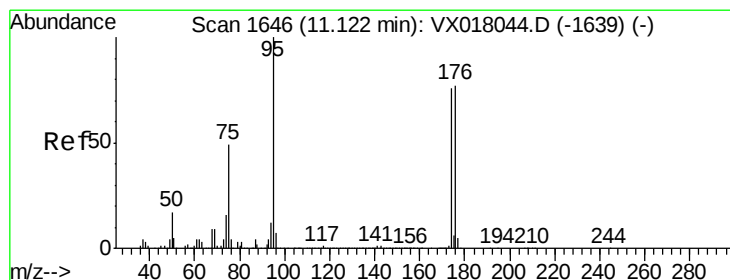
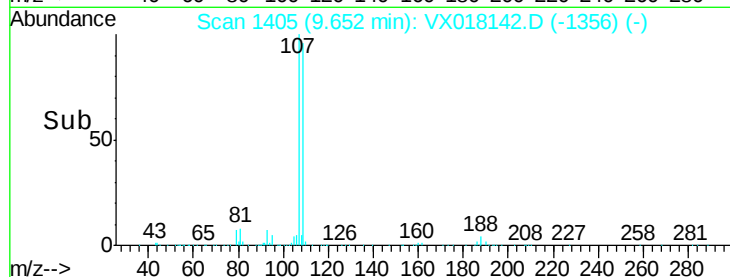
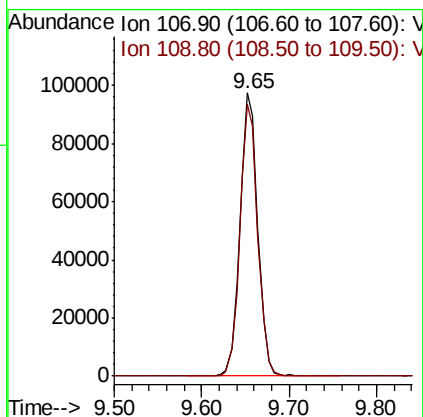
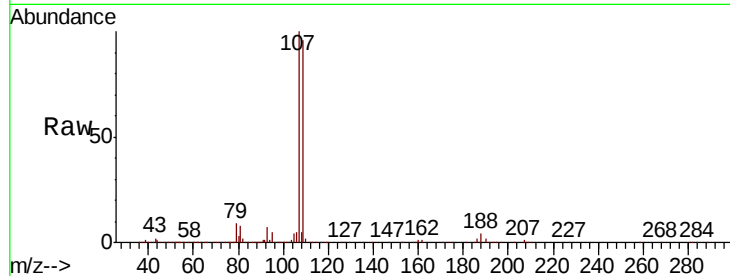




#61
 1,2-Dibromoethane
 Concen: 19.371 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

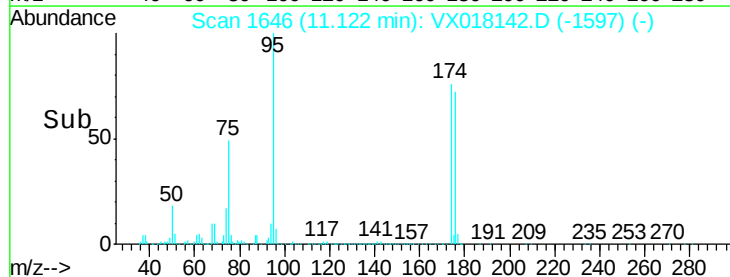
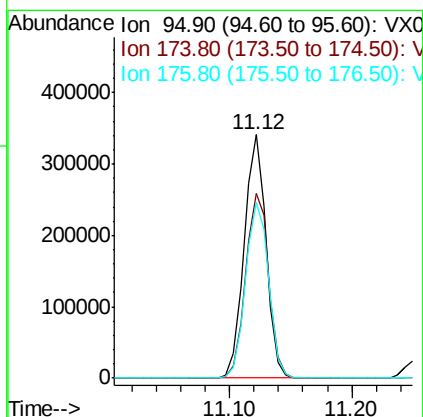
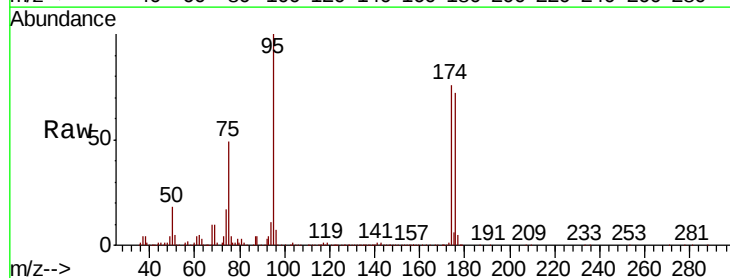
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBS01

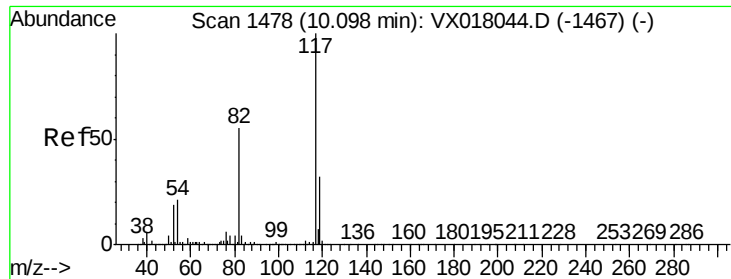
Tot Ion: 107 Resp: 138090
 Ion Ratio Lower Upper
 107 100
 109 96.3 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 47.054 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

Tgt Ion: 95 Resp: 420694
 Ion Ratio Lower Upper
 95 100
 174 80.1 0.0 160.2
 176 76.5 0.0 155.8

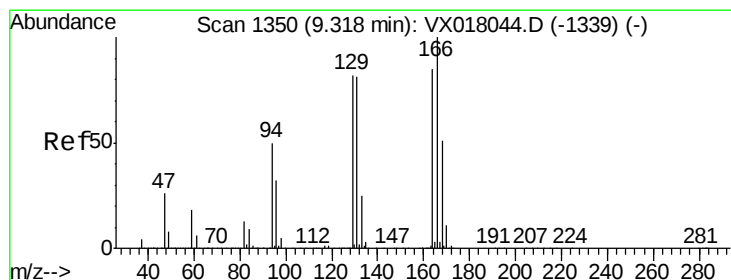
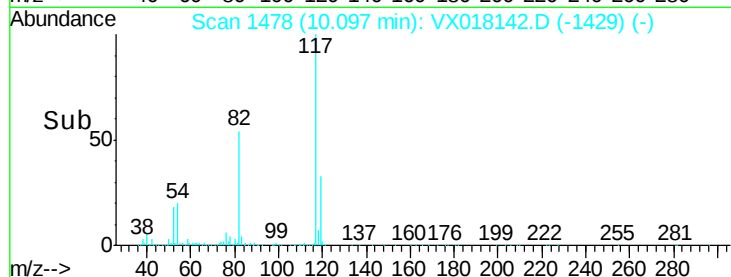
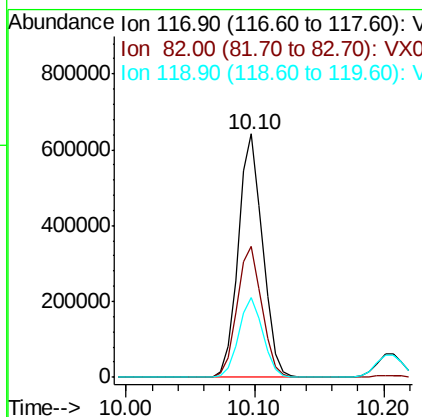
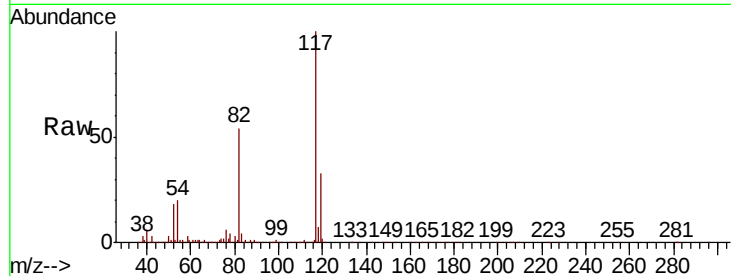




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

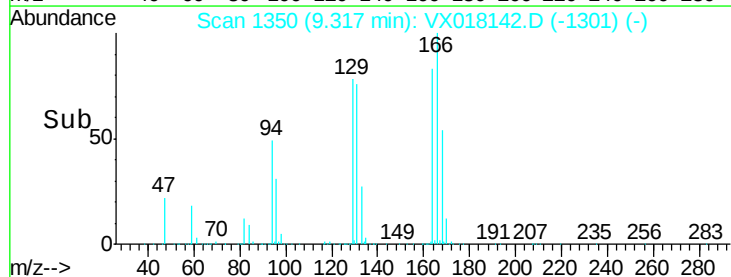
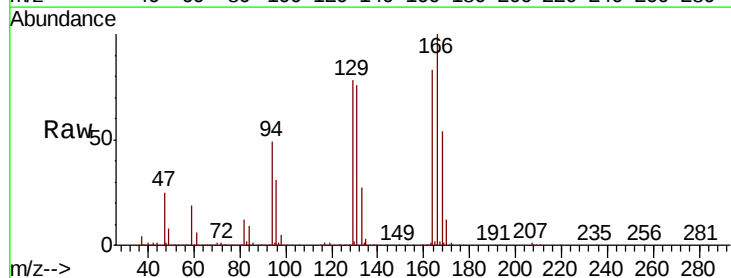
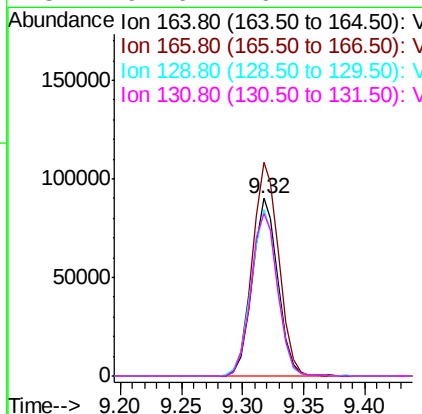
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS01

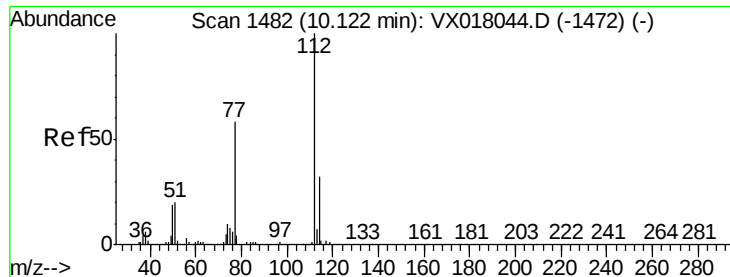
Tot Ion:117 Resp: 838984
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 32.8 25.7 38.5



#64
Tetrachloroethene
Concen: 21.284 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tgt Ion:164 Resp: 131224
Ion Ratio Lower Upper
164 100
166 120.2 94.2 141.2
129 93.7 76.9 115.3
131 91.6 76.1 114.1





#65

Chlorobenzene

Concen: 19.832 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampled :

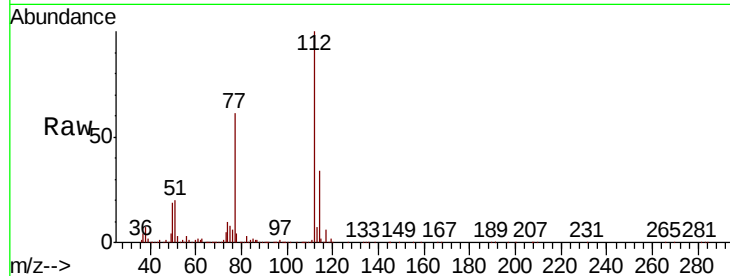
VX0831WBS01

Tot Ion:112 Resp: 332305

Ion Ratio Lower Upper

112 100

114 33.9 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

250000

200000

150000

100000

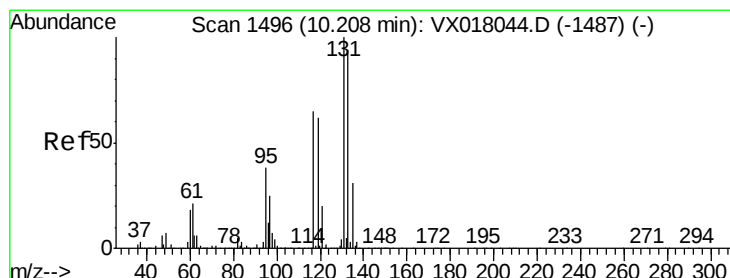
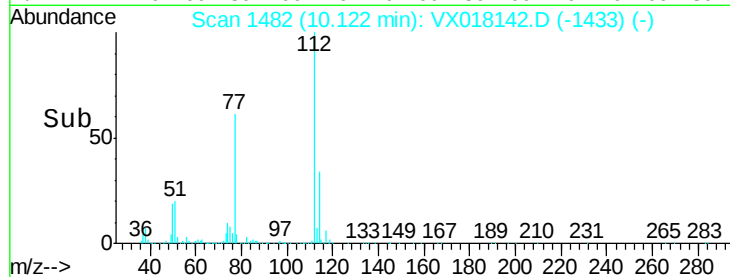
50000

0

10.12

10.10 10.12 10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.692 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

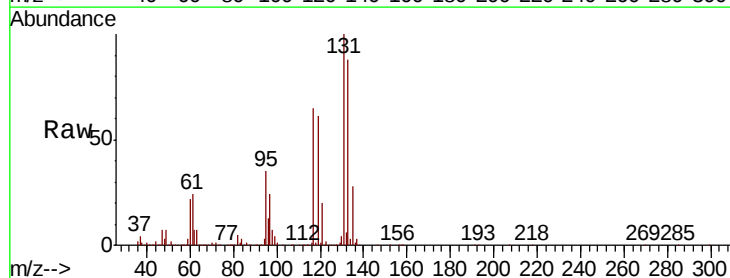
Tgt Ion:131 Resp: 136652

Ion Ratio Lower Upper

131 100

133 94.2 46.7 140.1

119 64.0 31.8 95.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

200000

150000

100000

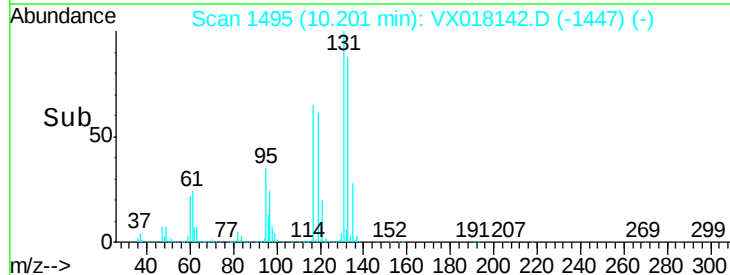
50000

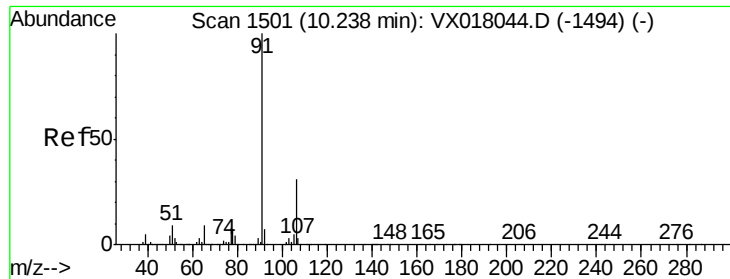
0

10.20

10.20 10.30

Time-->

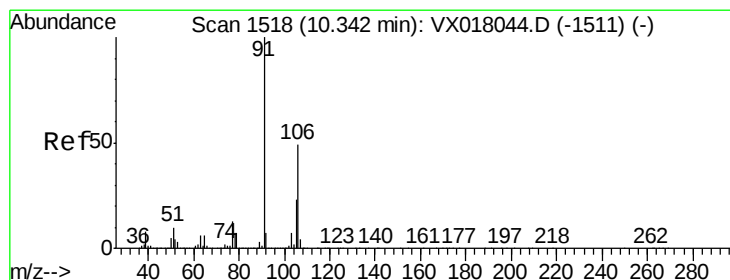
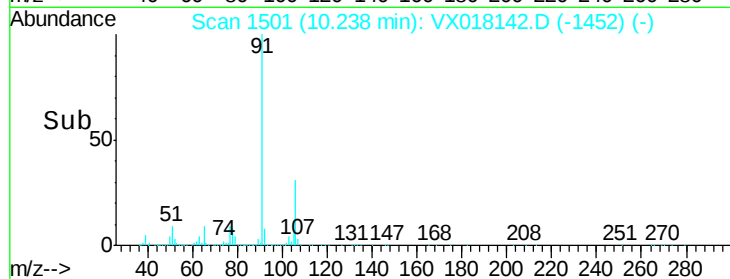
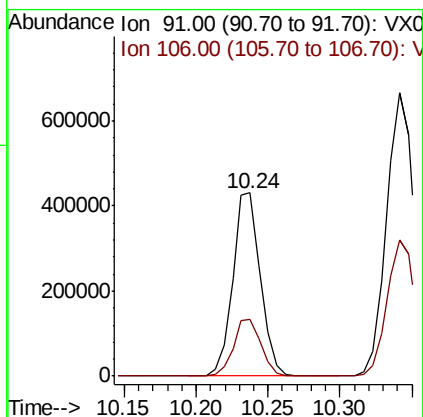
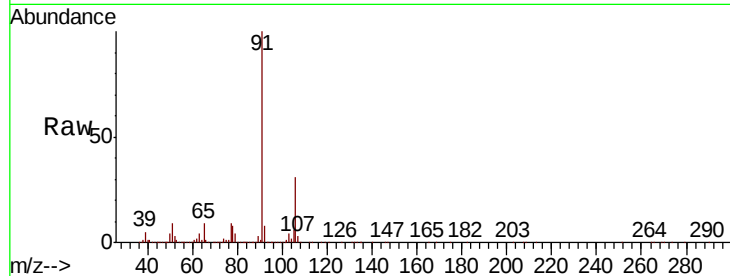




#67
Ethyl Benzene
Concen: 20.284 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

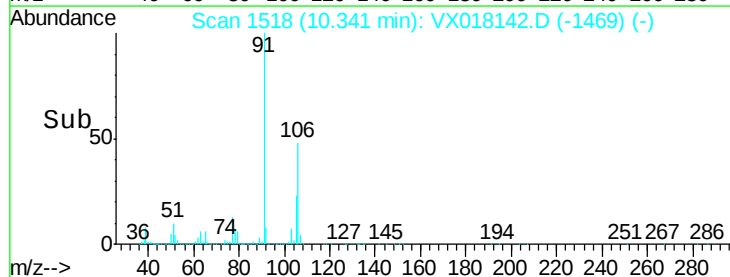
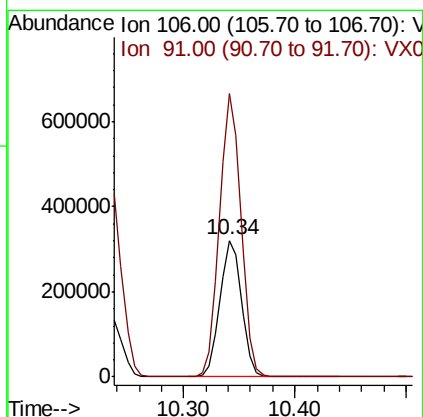
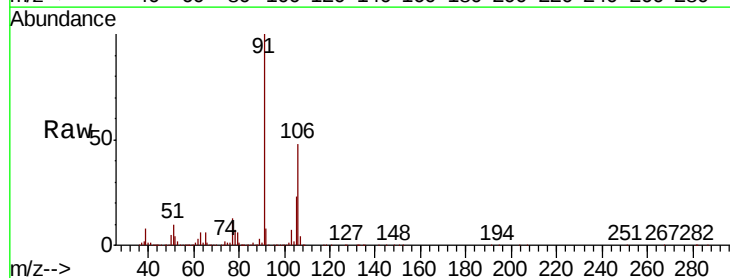
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS01

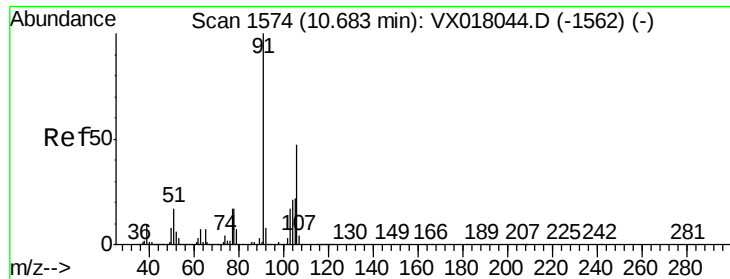
Tot Ion: 91 Resp: 578010
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3



#68
m/p-Xylenes
Concen: 40.923 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tgt Ion: 106 Resp: 435255
Ion Ratio Lower Upper
106 100
91 205.4 162.2 243.2

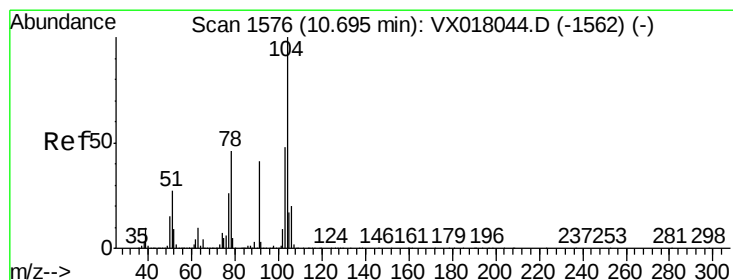
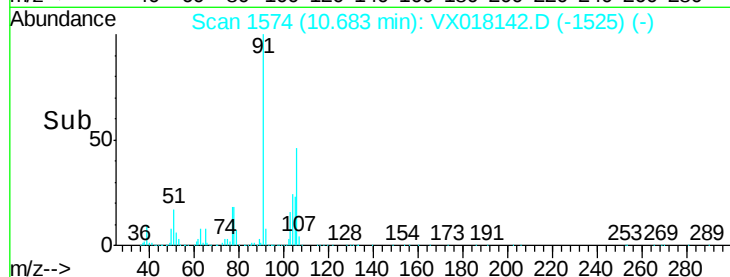
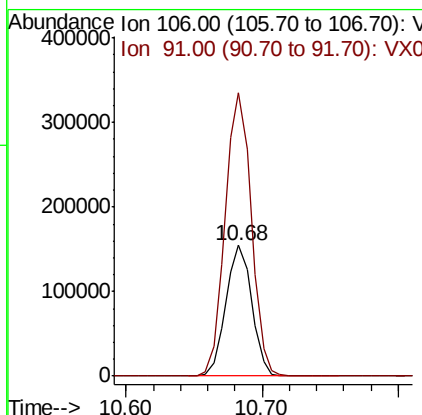
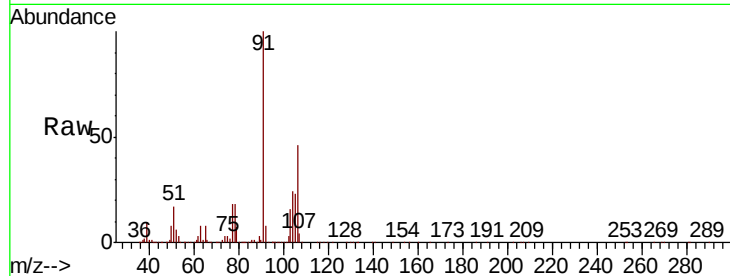




#69
o-Xylene
Concen: 19.855 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

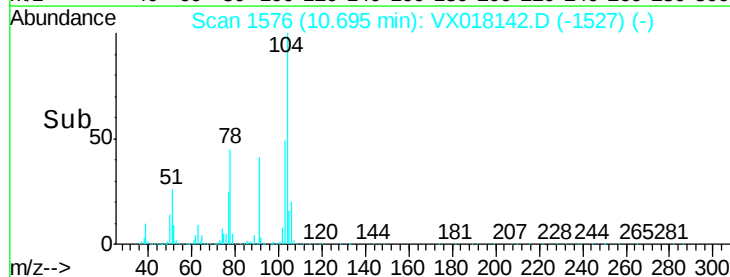
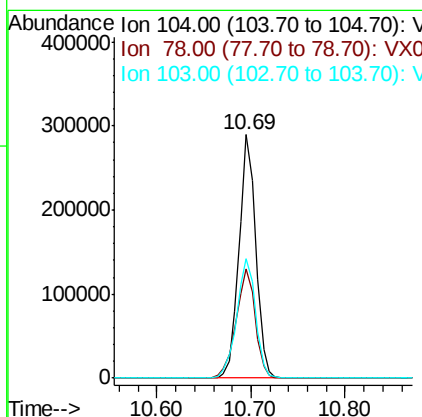
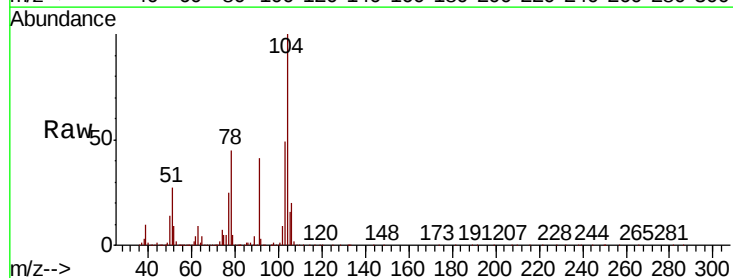
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS01

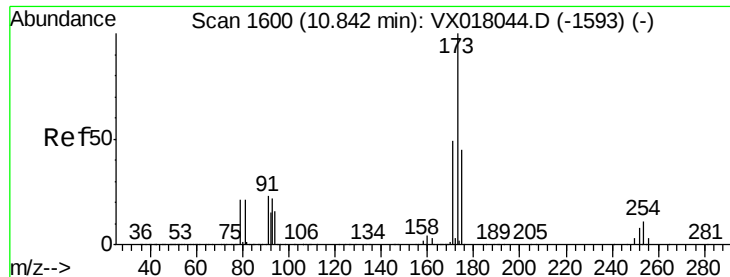
Tot Ion:106 Resp: 204711
Ion Ratio Lower Upper
106 100
91 218.3 107.1 321.3



#70
Styrene
Concen: 20.575 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tgt Ion:104 Resp: 361270
Ion Ratio Lower Upper
104 100
78 50.8 40.9 61.3
103 54.7 43.6 65.4





#71

Bromoform

Concen: 20.095 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBS01

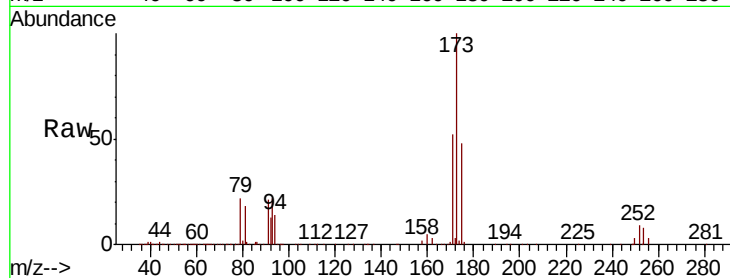
Tot Ion:173 Resp: 113196

Ion Ratio Lower Upper

173 100

175 46.2 23.9 71.8

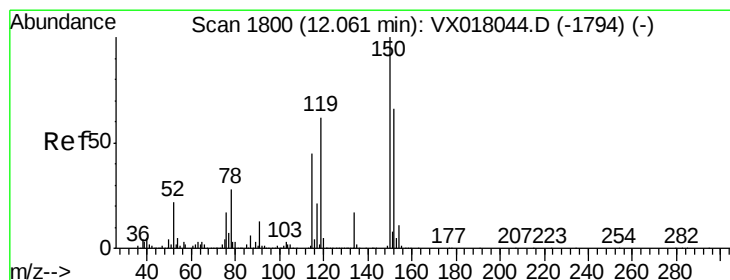
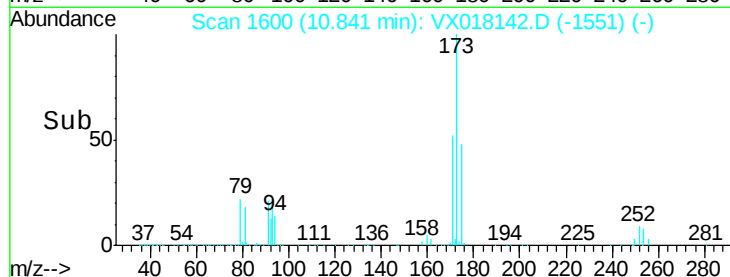
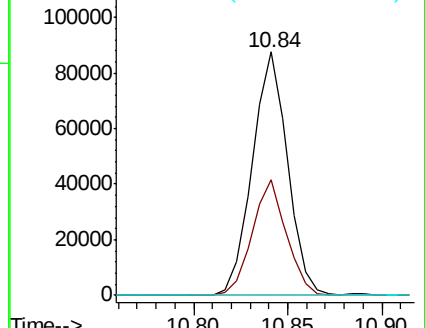
254 0.0 0.2 0.2#



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: VX018142.D

Acq: 31 Aug 2020 13:14

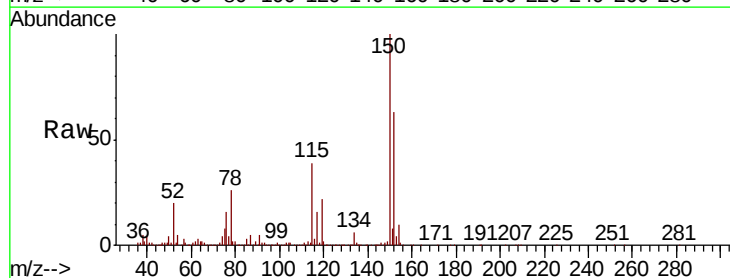
Tgt Ion:152 Resp: 441886

Ion Ratio Lower Upper

152 100

115 66.5 41.5 124.5

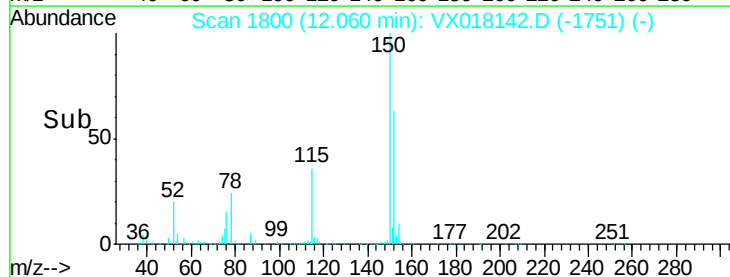
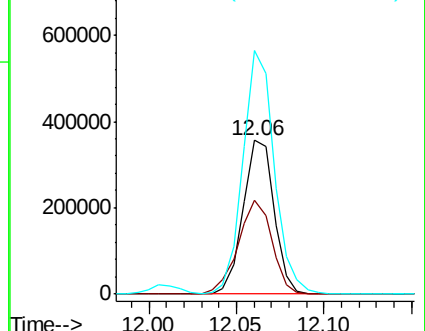
150 159.7 0.0 343.8

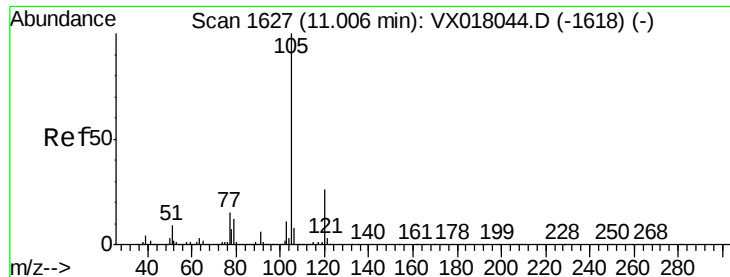


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.872 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

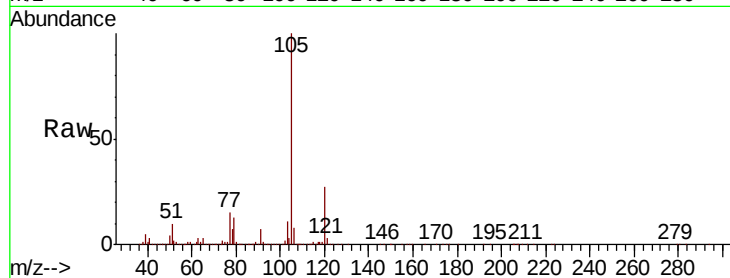
VX0831WBS01

Tot Ion:105 Resp: 579206

Ion Ratio Lower Upper

105 100

120 27.1 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

400000

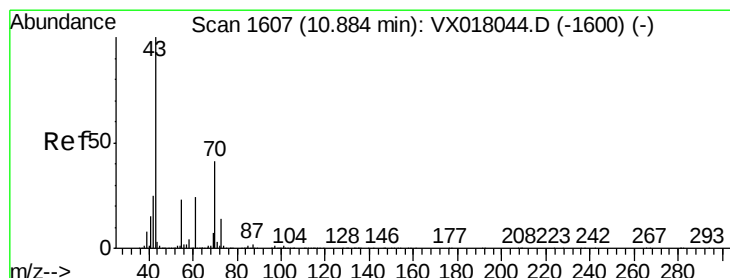
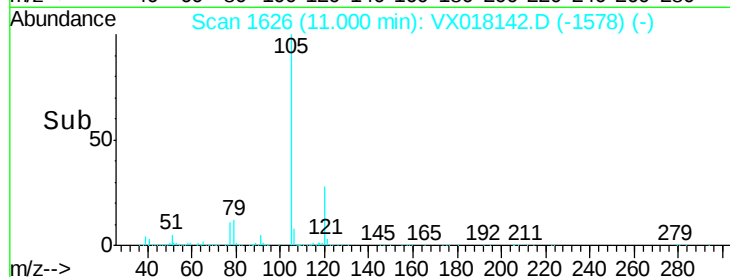
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 18.139 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Tgt Ion: 43 Resp: 250847

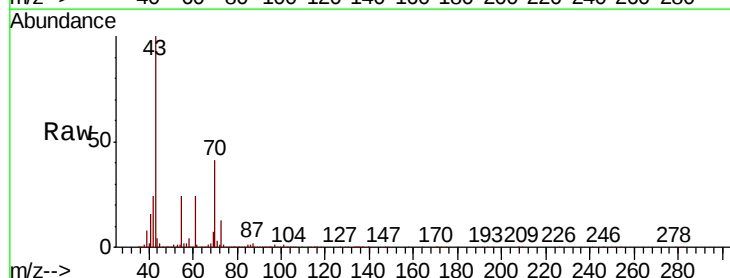
Ion Ratio Lower Upper

43 100

70 40.6 32.3 48.5

55 23.7 18.2 27.2

61 23.9 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

10.88

200000

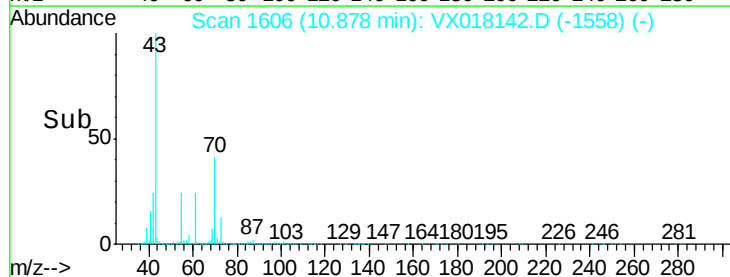
150000

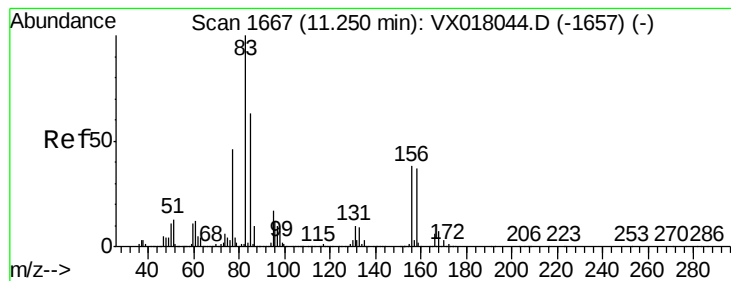
100000

50000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 18.455 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBS01

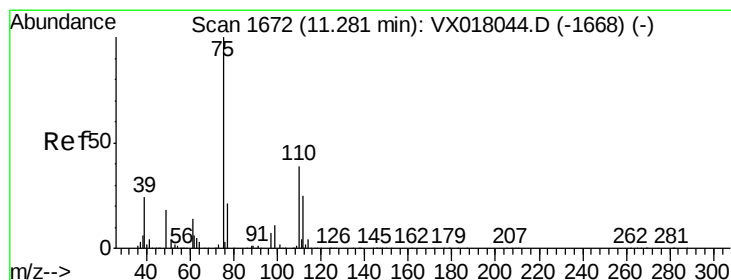
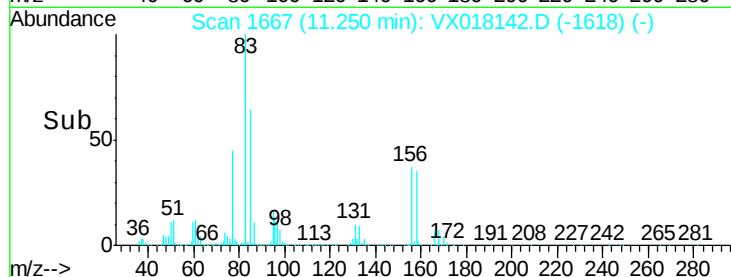
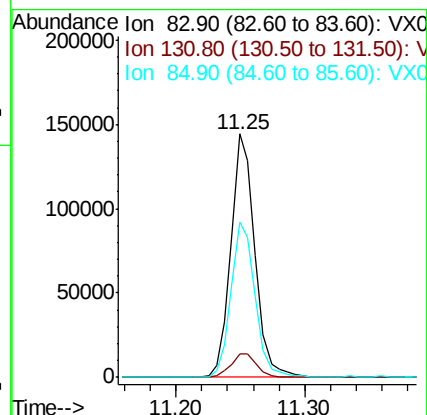
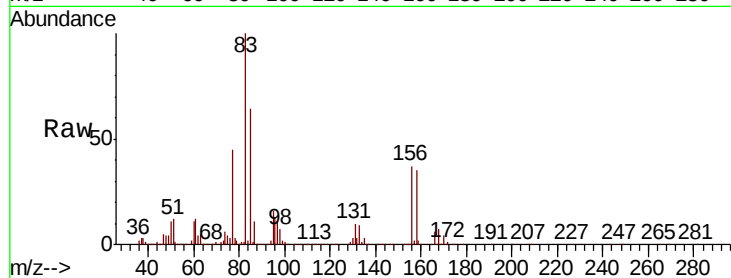
Tot Ion: 83 Resp: 189757

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.4

85 64.2 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 23.506 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018142.D

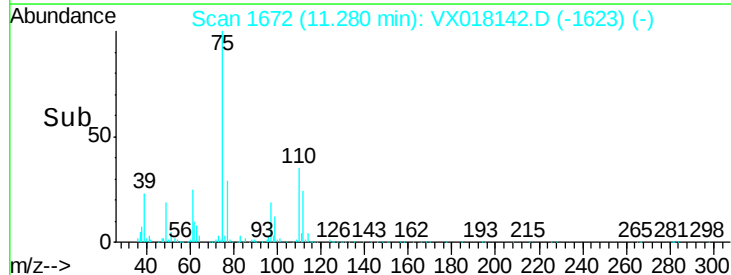
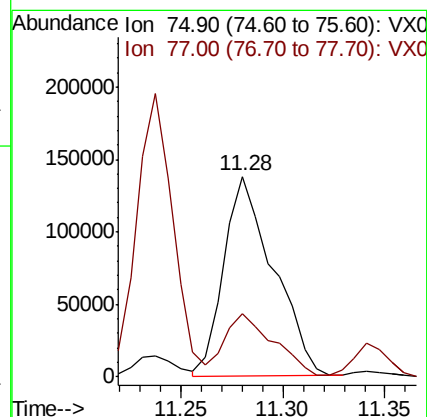
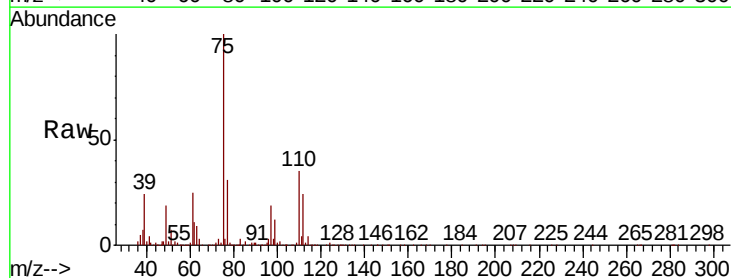
Acq: 31 Aug 2020 13:14

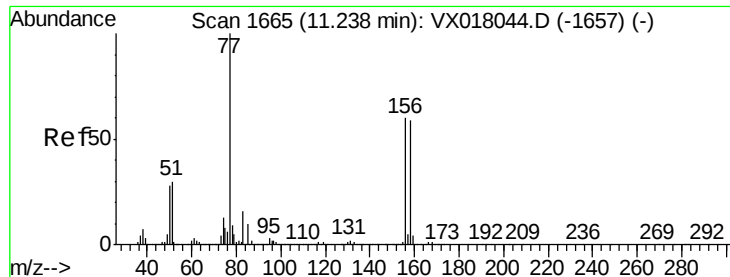
Tgt Ion: 75 Resp: 231061

Ion Ratio Lower Upper

75 100

77 31.7 20.8 62.2





#77

Bromobenzene

Concen: 18.785 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBS01

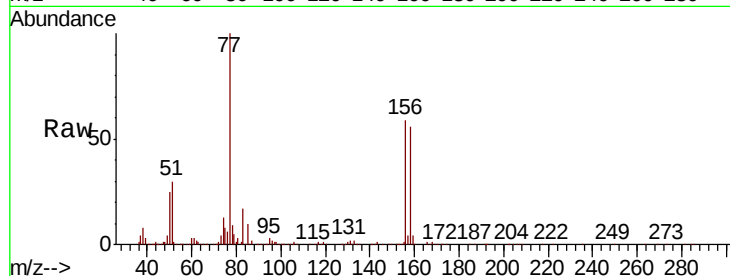
Tot Ion:156 Resp: 151349

Ion Ratio Lower Upper

156 100

77 160.4 80.0 240.2

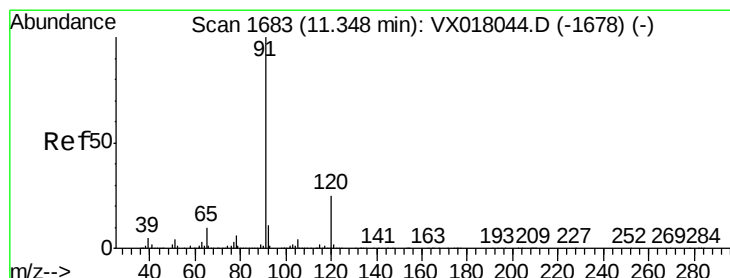
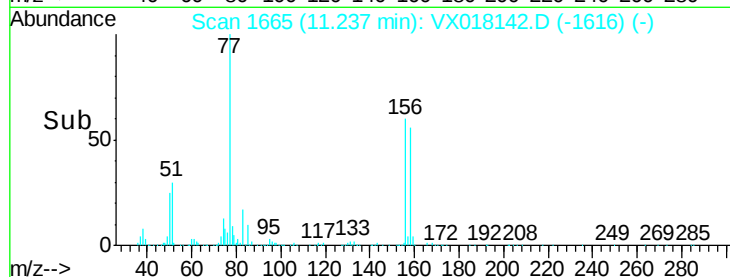
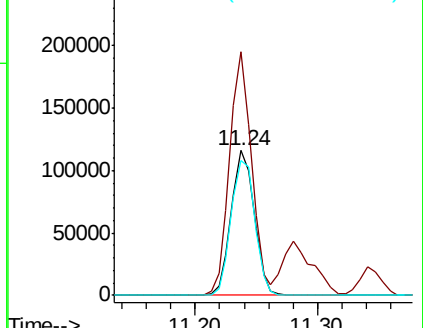
158 96.1 49.5 148.7



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: 19.731 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018142.D

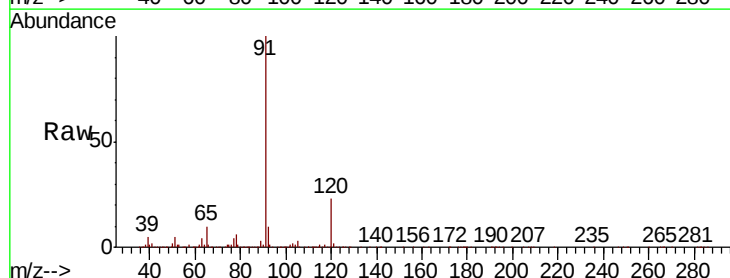
Acq: 31 Aug 2020 13:14

Tgt Ion: 91 Resp: 653003

Ion Ratio Lower Upper

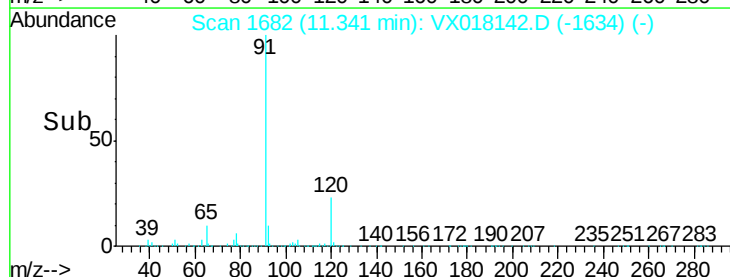
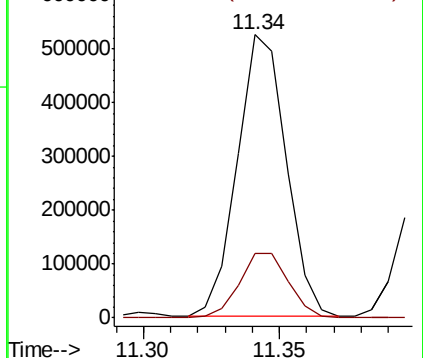
91 100

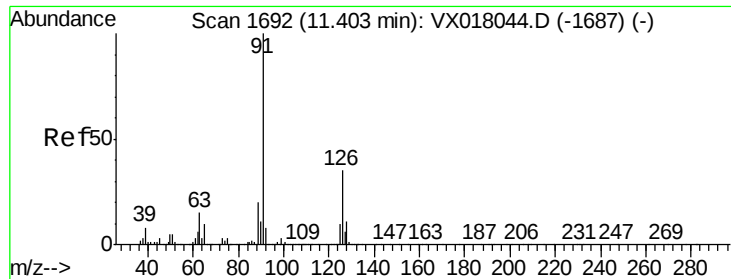
120 23.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

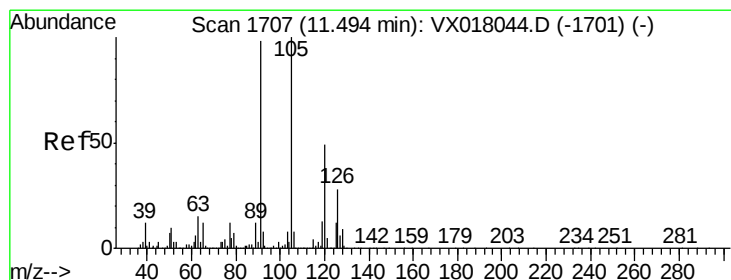
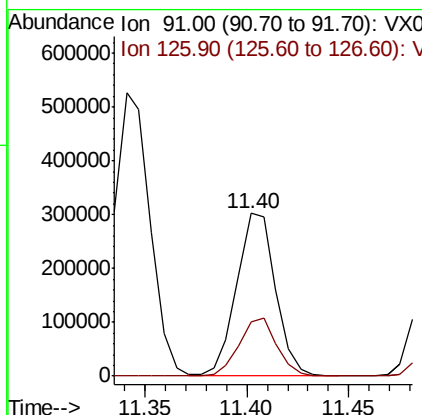
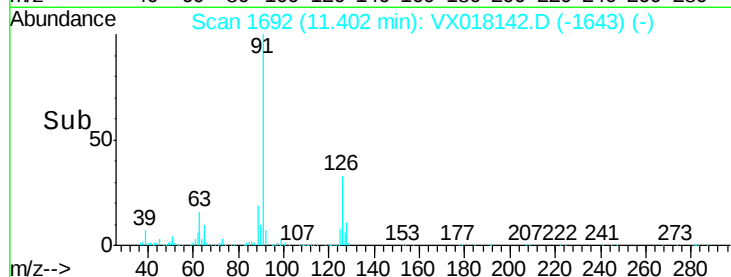
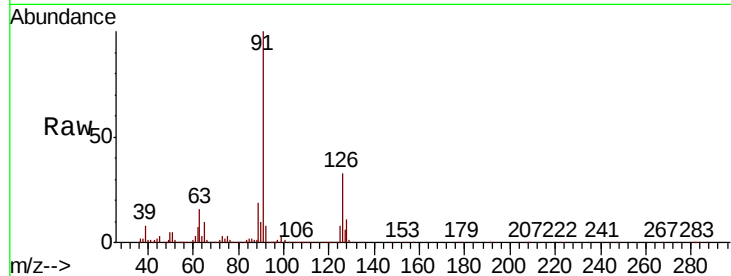




#79
2-Chlorotoluene
Concen: 19.364 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

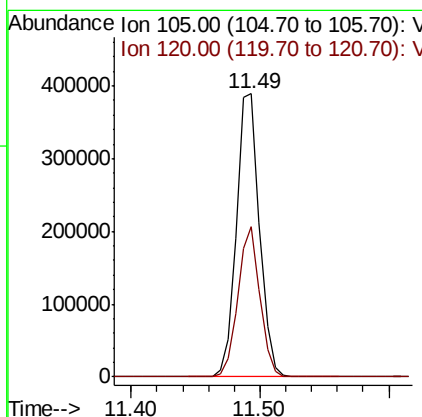
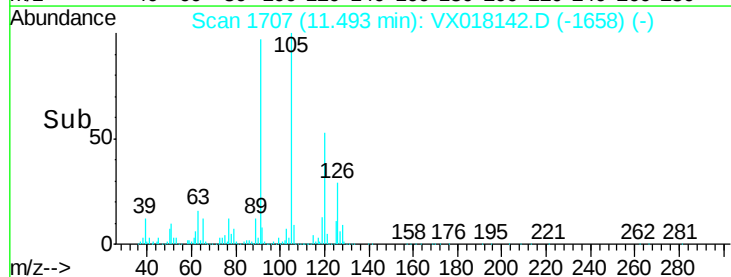
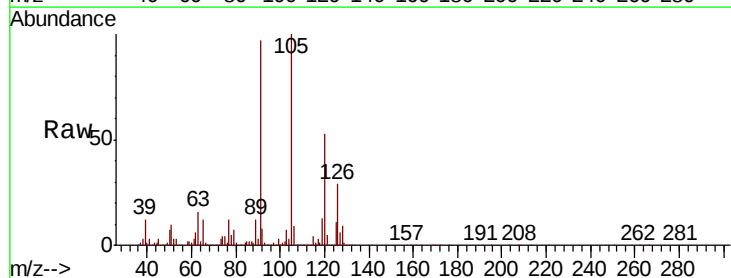
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS01

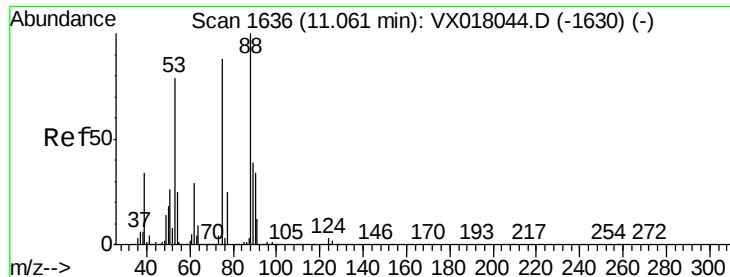
Tot Ion: 91 Resp: 395941
Ion Ratio Lower Upper
91 100
126 34.6 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 20.190 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tgt Ion: 105 Resp: 483581
Ion Ratio Lower Upper
105 100
120 50.4 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 18.547 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBS01

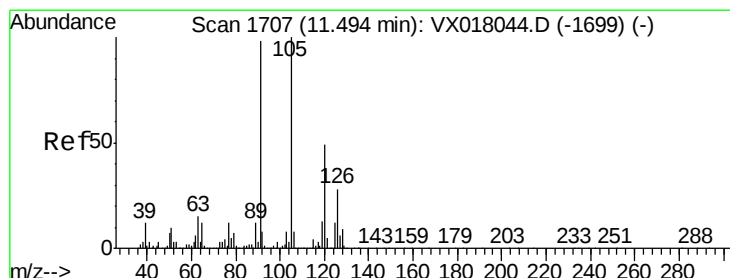
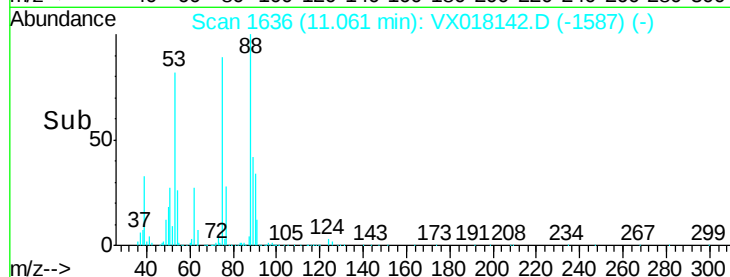
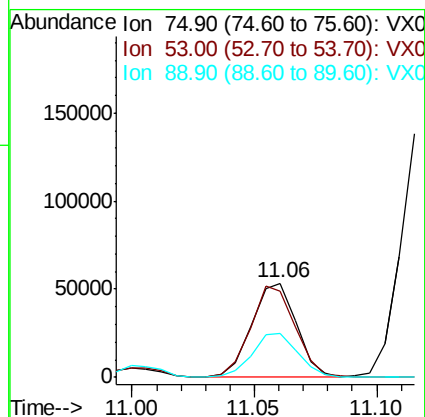
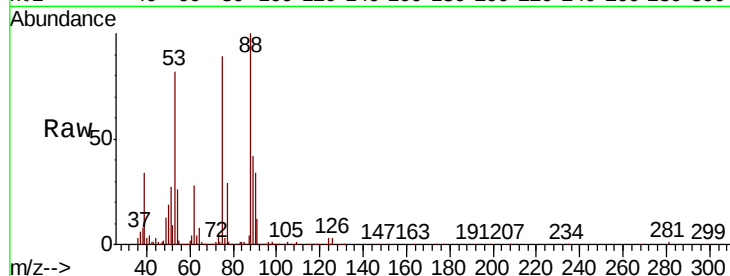
Tot Ion: 75 Resp: 67504

Ion Ratio Lower Upper

75 100

53 97.2 74.7 112.1

89 48.5 36.6 54.8



#82

4-Chlorotoluene

Concen: 19.065 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018142.D

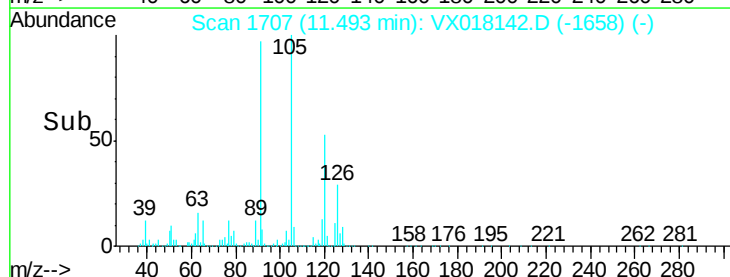
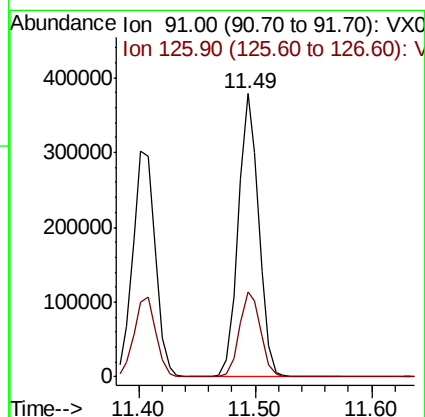
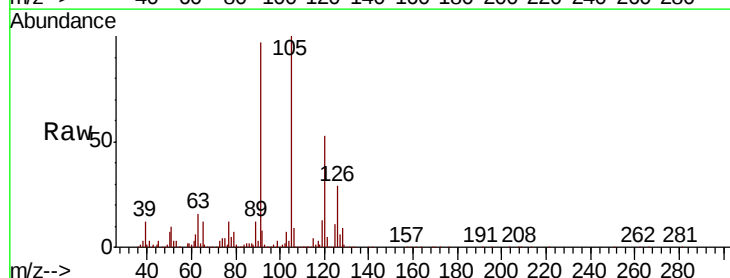
Acq: 31 Aug 2020 13:14

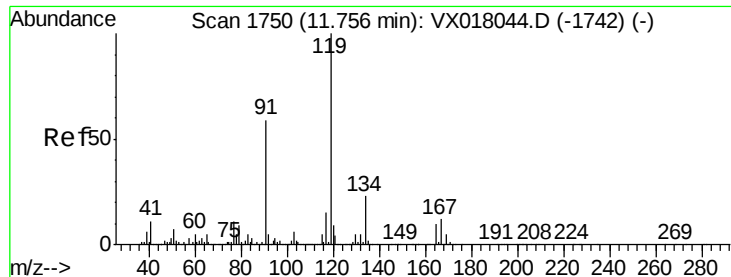
Tgt Ion: 91 Resp: 463424

Ion Ratio Lower Upper

91 100

126 30.9 15.1 45.3





#83

tert-Butylbenzene

Concen: 20.062 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBS01

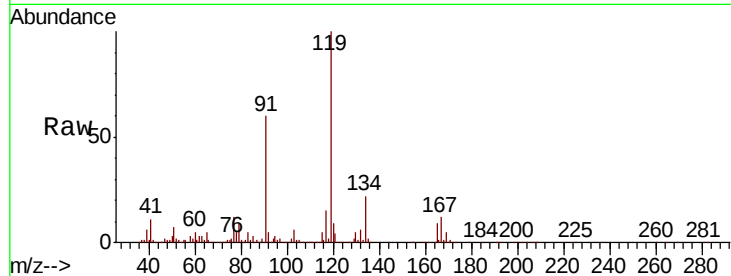
Tot Ion:119 Resp: 474219

Ion Ratio Lower Upper

119 100

91 57.6 28.2 84.7

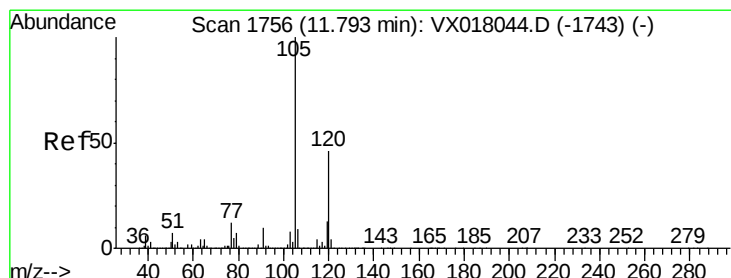
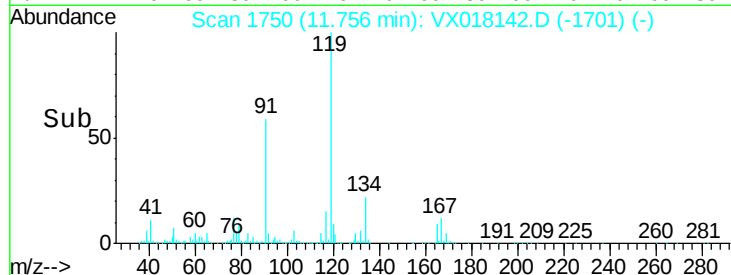
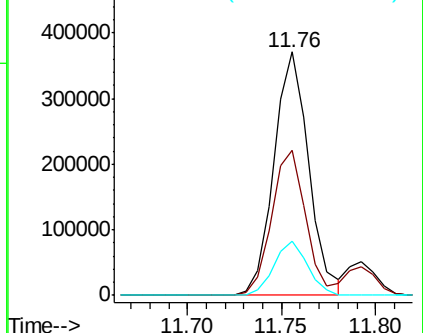
134 21.8 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.918 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018142.D

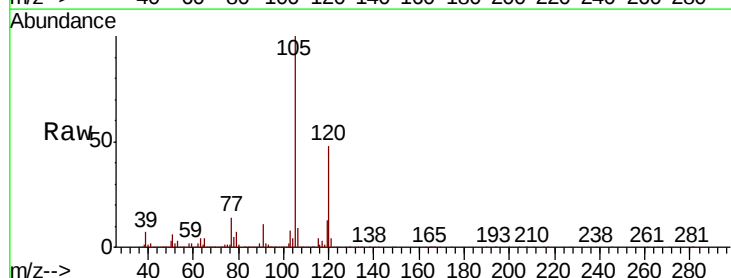
Acq: 31 Aug 2020 13:14

Tgt Ion:105 Resp: 487753

Ion Ratio Lower Upper

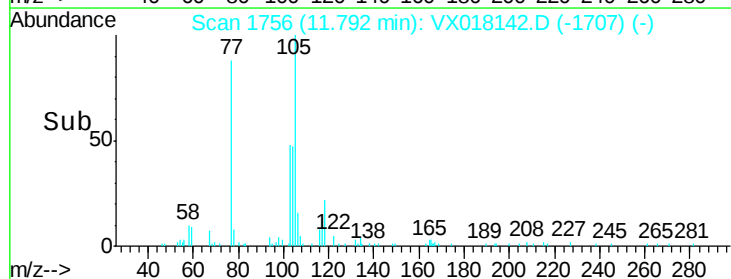
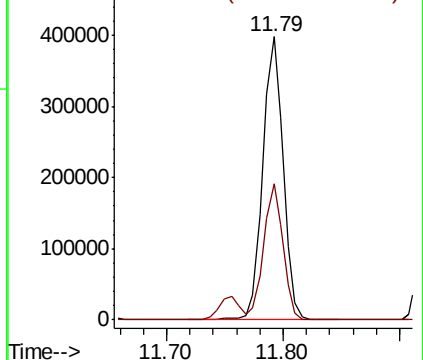
105 100

120 45.5 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

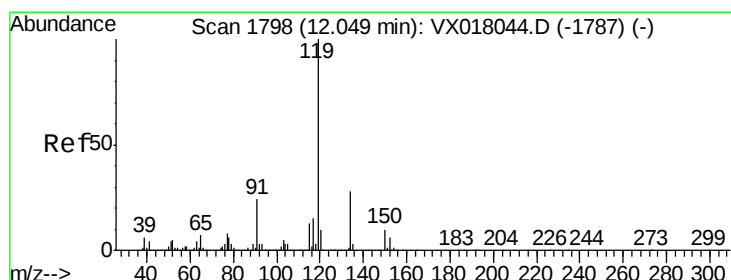
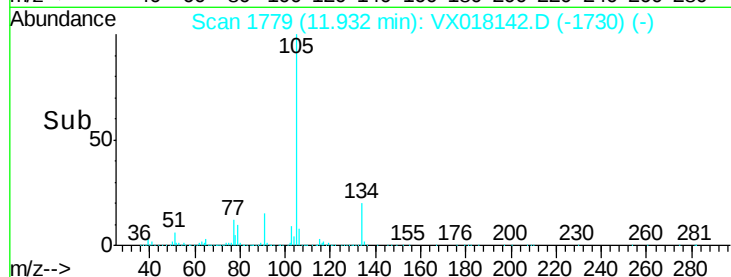
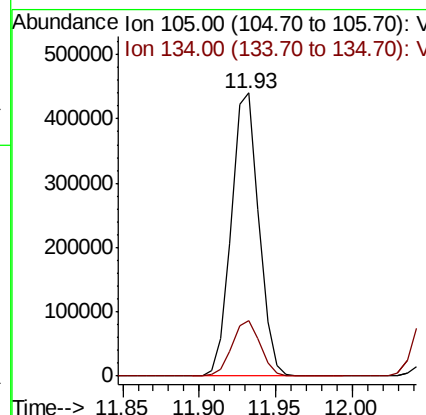
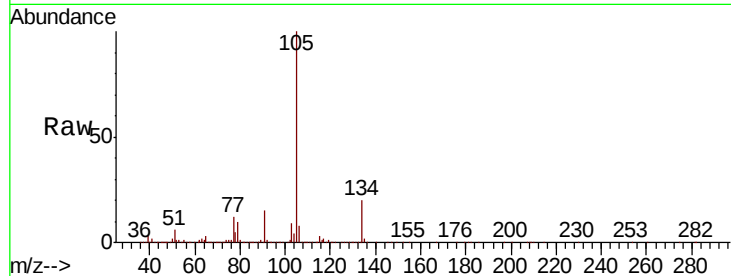




#85
 sec-Butylbenzene
 Concen: 20.418 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

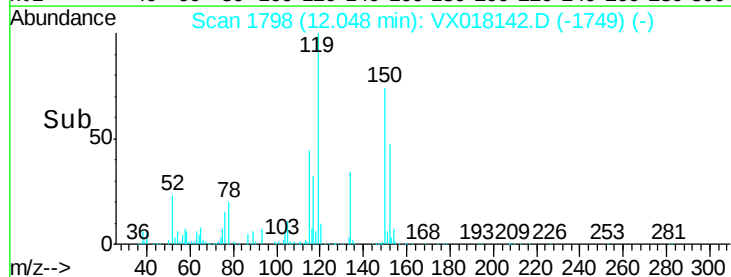
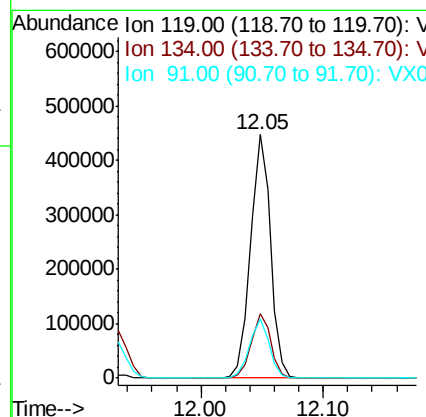
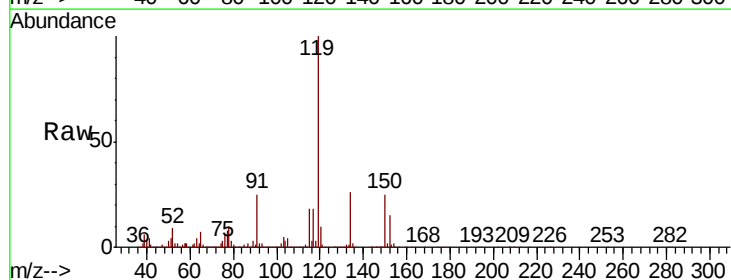
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBS01

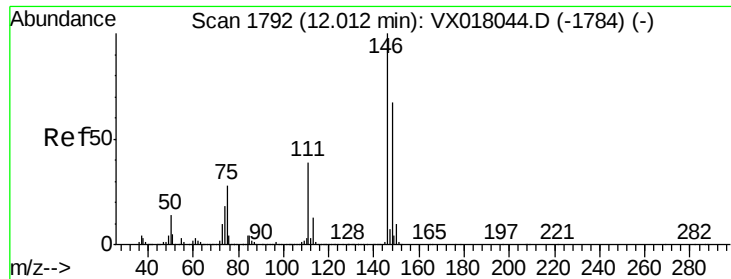
Tot Ion:105 Resp: 548830
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 20.524 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

Tgt Ion:119 Resp: 506761
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.5
 91 24.0 11.8 35.4

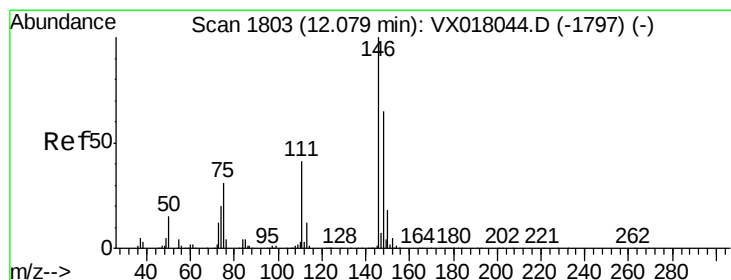
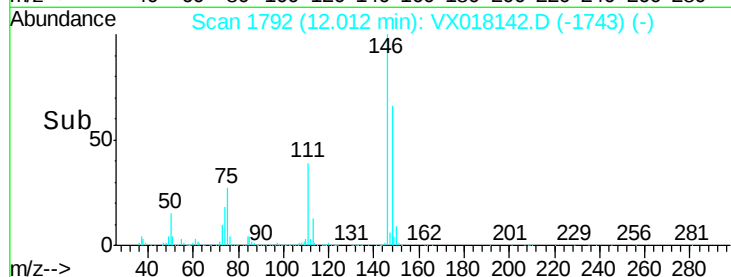
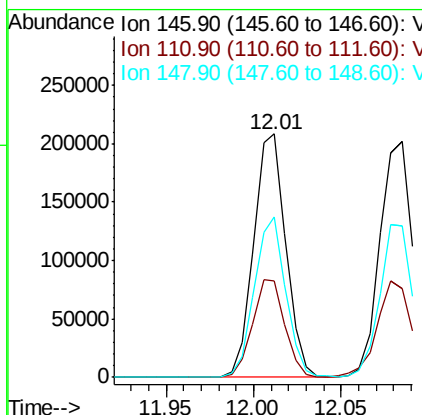
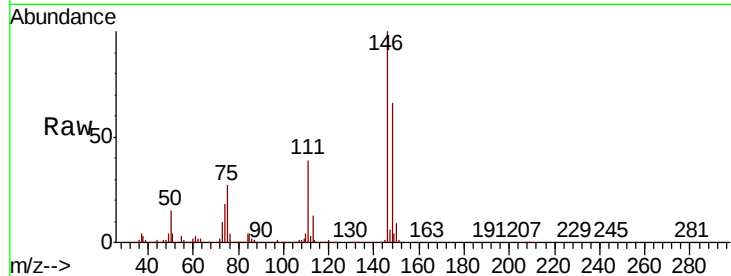




#87
 1,3-Dichlorobenzene
 Concen: 18.791 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

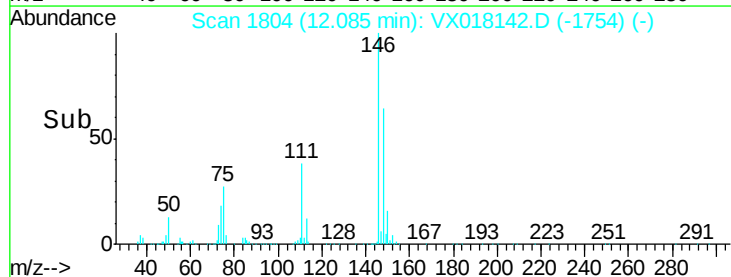
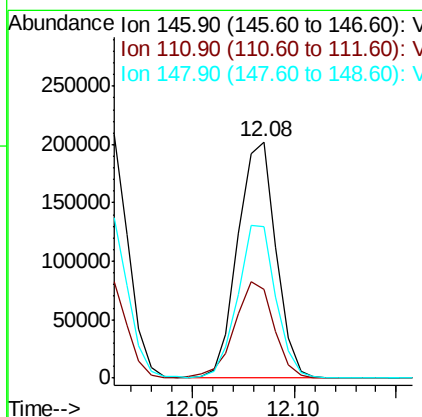
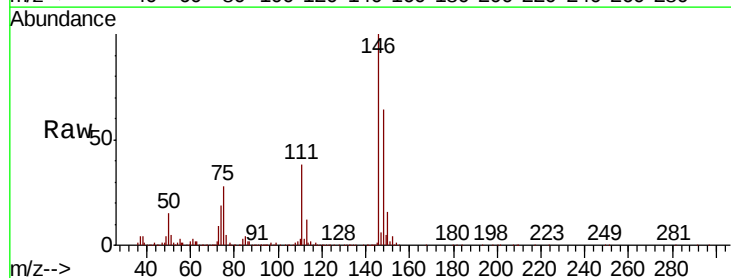
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBS01

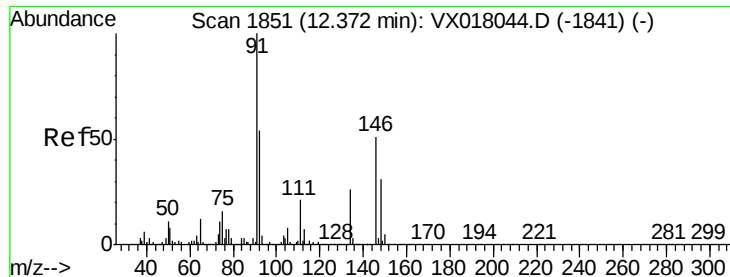
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.6	61.8
148	64.4	33.1	99.2



#88
 1,4-Dichlorobenzene
 Concen: 18.483 ug/l
 RT: 12.08 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.3	60.8
148	64.7	33.1	99.2

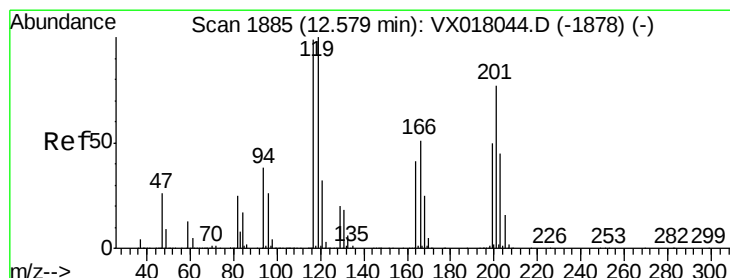
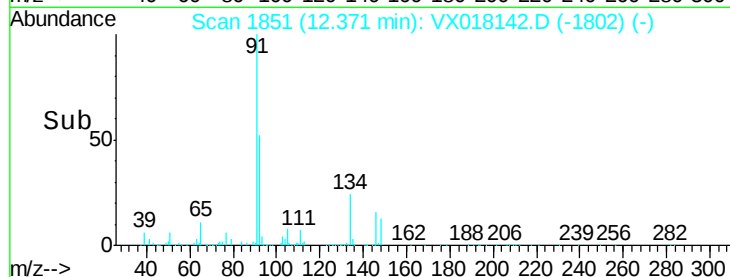
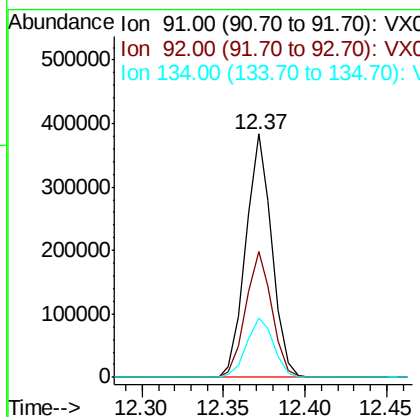
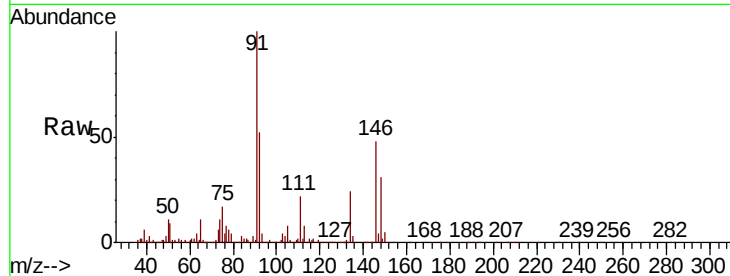




#89
n-Butylbenzene
Concen: 19.021 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

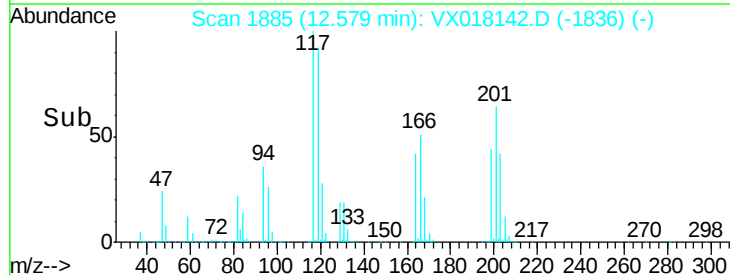
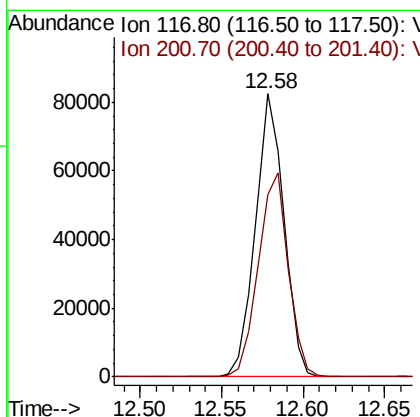
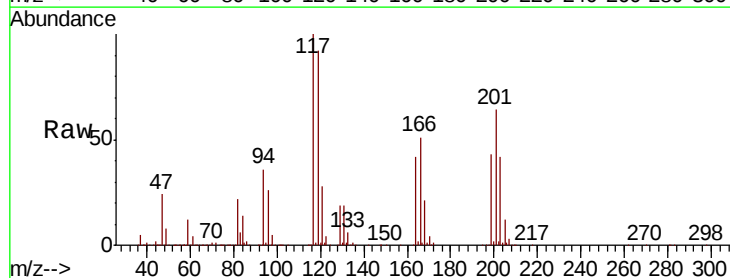
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS01

Tot Ion: 91 Resp: 428660
Ion Ratio Lower Upper
91 100
92 51.9 26.4 79.2
134 25.4 12.9 38.7



#90
Hexachloroethane
Concen: 20.861 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018142.D
Acq: 31 Aug 2020 13:14

Tgt Ion: 117 Resp: 101343
Ion Ratio Lower Upper
117 100
201 75.1 38.5 115.3





#91

1,2-Dichlorobenzene

Concen: 18.912 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBS01

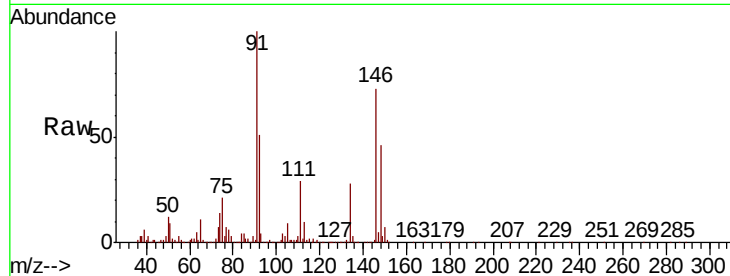
Tot Ion:146 Resp: 251822

Ion Ratio Lower Upper

146 100

111 42.9 20.8 62.5

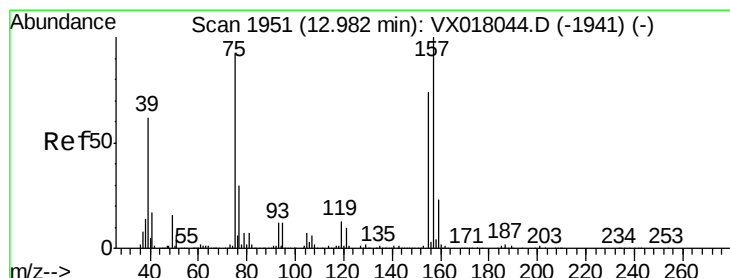
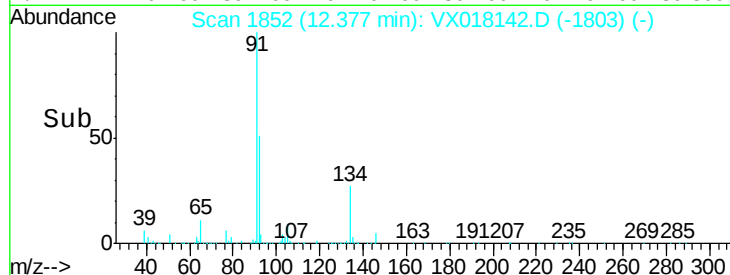
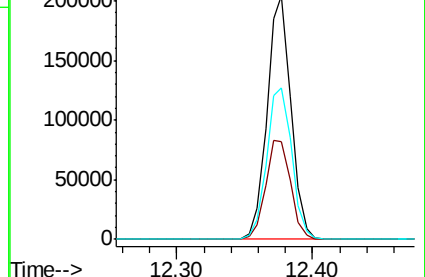
148 65.8 31.6 95.0



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: 17.509 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

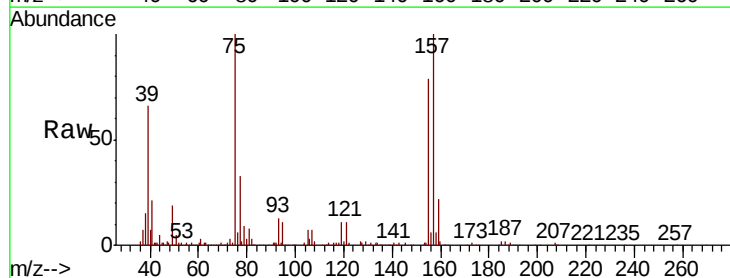
Tgt Ion: 75 Resp: 45014

Ion Ratio Lower Upper

75 100

155 82.2 40.2 120.6

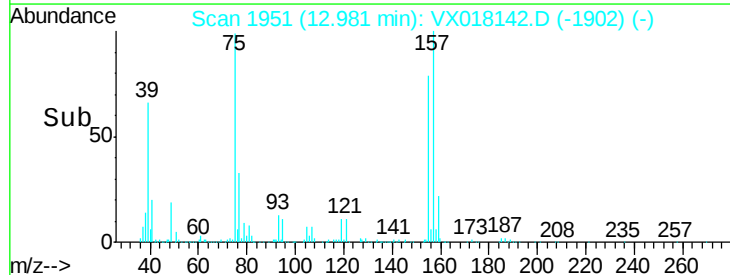
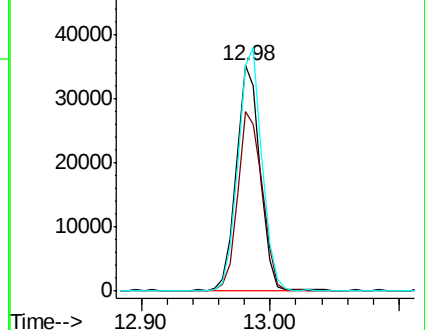
157 108.6 55.0 165.2

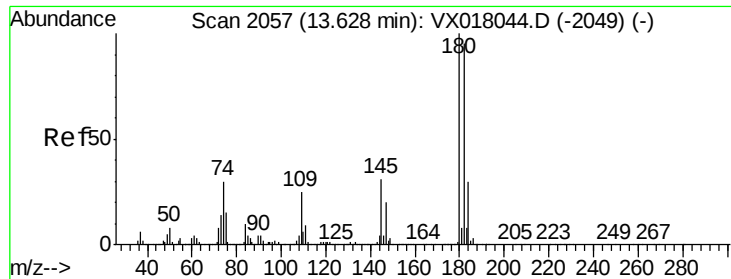


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

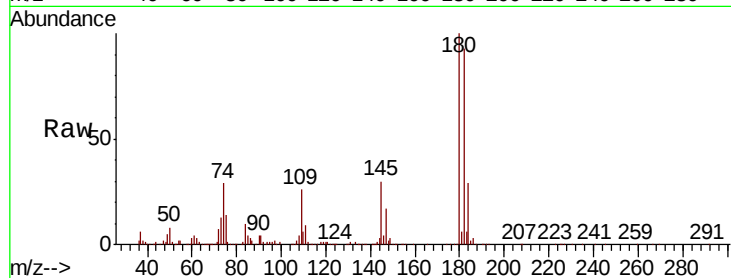




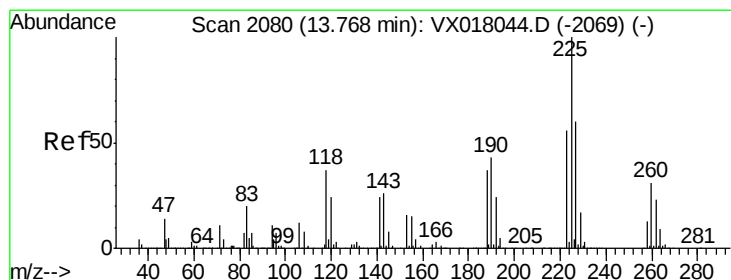
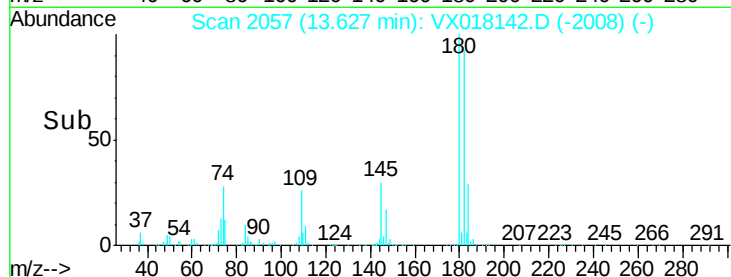
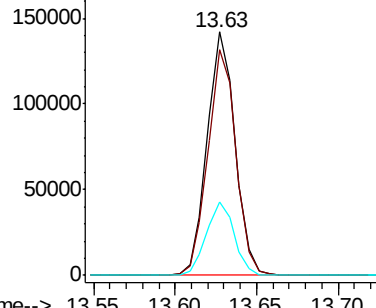
#93
 1,2,4-Trichlorobenzene
 Concen: 19.008 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.5	142.6
145	30.3	15.7	47.1

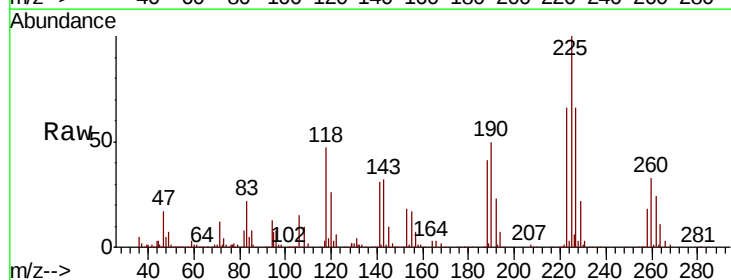


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

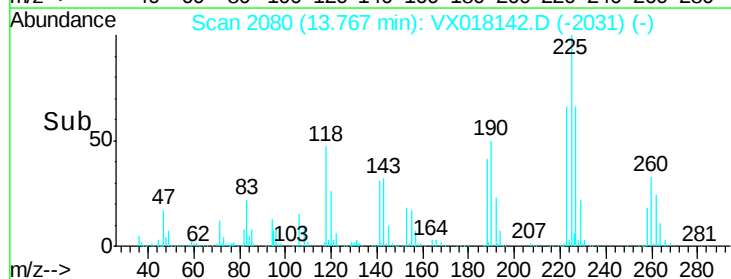
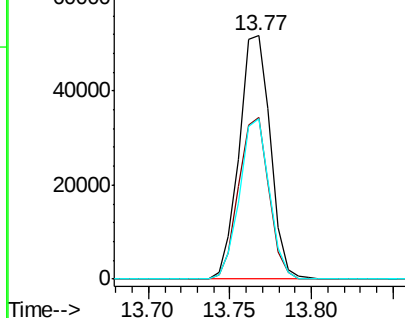


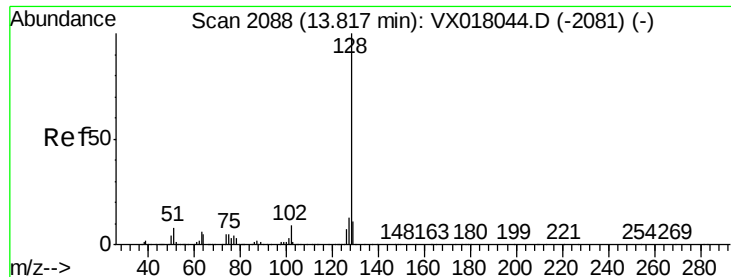
#94
 Hexachlorobutadiene
 Concen: 19.737 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018142.D
 Acq: 31 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	30.7	92.1
227	62.8	32.6	97.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.619 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBS01

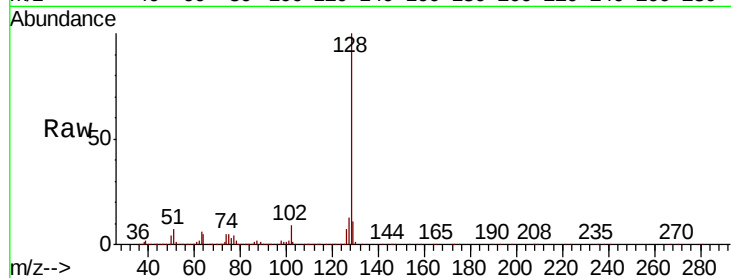
Tot Ion:128 Resp: 544068

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

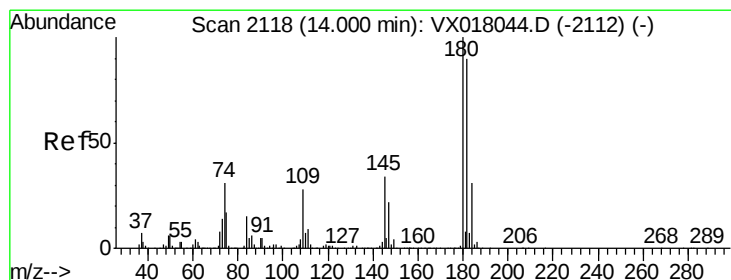
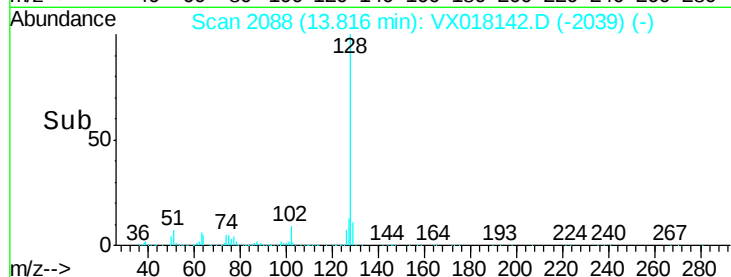
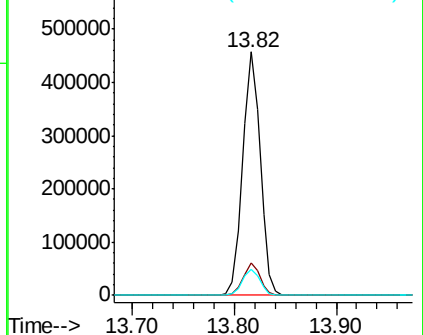
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.334 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018142.D

Acq: 31 Aug 2020 13:14

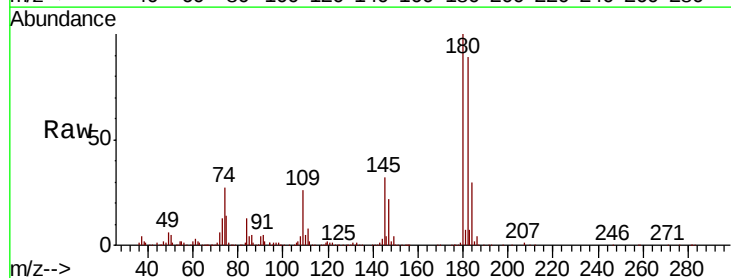
Tgt Ion:180 Resp: 160858

Ion Ratio Lower Upper

180 100

182 96.6 47.3 142.0

145 34.6 17.5 52.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

