

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082820\
 Data File : VX018109.D
 Acq On : 28 Aug 2020 10:54
 Operator : JC/SP
 Sample : VX0828WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828WBS01

Quant Time: Aug 29 03:02:52 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	749623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1219672	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1129579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	533964	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	524246	50.38	ug/l	0.00
Spiked Amount			Recovery	=	100.76%	
35) Dibromofluoromethane	5.46	113	412405	49.65	ug/l	0.00
Spiked Amount			Recovery	=	99.30%	
50) Toluene-d8	8.70	98	1516585	49.02	ug/l	0.00
Spiked Amount			Recovery	=	98.04%	
62) 4-Bromofluorobenzene	11.12	95	594660	48.85	ug/l	0.00
Spiked Amount			Recovery	=	97.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	179809	19.701	ug/l	99
3) Chloromethane	1.32	50	191575	19.910	ug/l	98
4) Vinyl Chloride	1.39	62	185795	19.397	ug/l	99
5) Bromomethane	1.63	94	119170	25.794	ug/l	99
6) Chloroethane	1.72	64	106166	20.636	ug/l	98
7) Trichlorofluoromethane	1.92	101	267320	20.467	ug/l	97
8) Diethyl Ether	2.17	74	90356	20.399	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	142895	20.237	ug/l	95
10) Methyl Iodide	2.49	142	156122	23.767	ug/l	99
11) Tert butyl alcohol	3.02	59	192654	95.211	ug/l	98
12) 1,1-Dichloroethene	2.36	96	137060	18.710	ug/l	98
13) Acrolein	2.28	56	71600	85.339	ug/l	99
14) Allyl chloride	2.71	41	291749	22.167	ug/l	98
15) Acrylonitrile	3.12	53	464192	101.133	ug/l	100
16) Acetone	2.42	43	378267	93.282	ug/l	95
17) Carbon Disulfide	2.55	76	433886	19.592	ug/l	99
18) Methyl Acetate	2.75	43	210198	21.481	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	519302	20.670	ug/l	97
20) Methylene Chloride	2.84	84	179205	20.935	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	164492	20.267	ug/l	97
22) Diisopropyl ether	3.83	45	565773	21.780	ug/l	97
23) Vinyl Acetate	3.79	43	2511609	108.660	ug/l	100
24) 1,1-Dichloroethane	3.67	63	307738	20.811	ug/l	100
25) 2-Butanone	4.64	43	665738	99.895	ug/l	97
26) 2,2-Dichloropropane	4.55	77	280556	23.319	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	188943	20.205	ug/l	98
28) Bromochloromethane	4.98	49	153468	21.501	ug/l	98
29) Tetrahydrofuran	5.09	42	426801	100.603	ug/l	99
30) Chloroform	5.18	83	309085	20.187	ug/l	98
31) Cyclohexane	5.55	56	266331	21.382	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	282021	20.071	ug/l	98
36) 1,1-Dichloropropene	5.77	75	233140	20.724	ug/l	100
37) Ethyl Acetate	4.80	43	259279	19.844	ug/l	99
38) Carbon Tetrachloride	5.75	117	257472	20.309	ug/l	99

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 Sample : VX0828WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0828WBS01

Quant Time: Aug 29 03:02:52 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	7.44	83	247657	20.133	ug/l	98
40) Benzene	6.12	78	674169	20.395	ug/l	99
41) Methacrylonitrile	5.01	41	142444	19.855	ug/l	99
42) 1,2-Dichloroethane	6.16	62	257350	20.320	ug/l	100
43) Isopropyl Acetate	6.42	43	418002	19.807	ug/l	99
44) Trichloroethene	7.19	130	186136	19.929	ug/l	95
45) 1,2-Dichloropropane	7.49	63	182548	20.490	ug/l	94
46) Dibromomethane	7.64	93	121024	19.317	ug/l	98
47) Bromodichloromethane	7.87	83	248359	19.854	ug/l	99
48) Methyl methacrylate	7.74	41	207774	19.778	ug/l	98
49) 1,4-Dioxane	7.71	88	73291	385.137	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	1313769	100.781	ug/l	99
52) Toluene	8.76	92	416970	19.893	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	281984	20.339	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	299652	20.403	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	176841	19.782	ug/l	97
56) Ethyl methacrylate	9.16	69	263977	19.863	ug/l	99
57) 1,3-Dichloropropane	9.35	76	293067	19.876	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	567854	94.987	ug/l	98
59) 2-Hexanone	9.47	43	1027246	103.634	ug/l	98
60) Dibromochloromethane	9.56	129	204682	19.518	ug/l	100
61) 1,2-Dibromoethane	9.65	107	185994	19.164	ug/l	99
64) Tetrachloroethene	9.32	164	174764	21.054	ug/l	96
65) Chlorobenzene	10.12	112	459403	20.363	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	178876	20.117	ug/l	98
67) Ethyl Benzene	10.24	91	803709	20.949	ug/l	99
68) m/p-Xylenes	10.34	106	605704	42.298	ug/l	98
69) o-Xylene	10.68	106	290111	20.899	ug/l	98
70) Styrene	10.70	104	488673	20.671	ug/l	98
71) Bromoform	10.84	173	144845	19.098	ug/l #	100
73) Isopropylbenzene	11.00	105	776253	22.040	ug/l	100
74) N-amyl acetate	10.88	43	369042	22.084	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	255245	20.543	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	320178	26.955	ug/l	86
77) Bromobenzene	11.24	156	198605	20.400	ug/l	96
78) n-propylbenzene	11.34	91	884457	22.116	ug/l	98
79) 2-Chlorotoluene	11.40	91	537564	21.757	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	646961	22.353	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	97816	22.241	ug/l	97
82) 4-Chlorotoluene	11.49	91	641218	21.830	ug/l	100
83) tert-Butylbenzene	11.76	119	601593	21.062	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	659754	22.296	ug/l	98
85) sec-Butylbenzene	11.93	105	714726	22.004	ug/l	98
86) p-Isopropyltoluene	12.05	119	657357	22.032	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	351121	20.541	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	341941	19.979	ug/l	99
89) n-Butylbenzene	12.37	91	576510	21.170	ug/l	99
90) Hexachloroethane	12.58	117	125810	21.432	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	334850	20.811	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	60258	19.396	ug/l	95

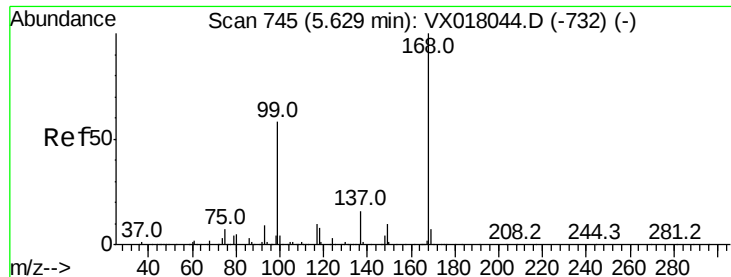
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082820\
Data File : VX018109.D
Acq On : 28 Aug 2020 10:54
Operator : JC/SP
Sample : VX0828WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0828WBS01

Quant Time: Aug 29 03:02:52 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)
93) 1,2,4-Trichlorobenzene	13.63	180	214512	19.993	ug/l	96
94) Hexachlorobutadiene	13.77	225	85985	20.318	ug/l	97
95) Naphthalene	13.82	128	725465	20.545	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	202472	19.098	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

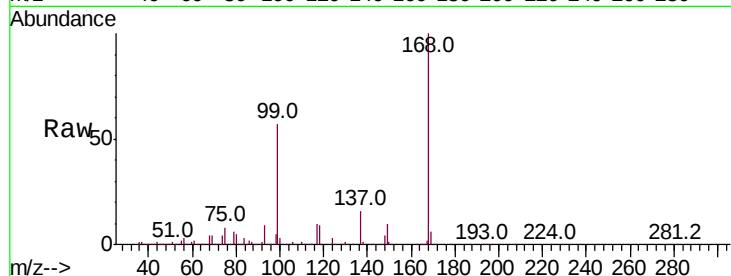
VX0828WBS01

Tot Ion:168 Resp: 749623

Ion Ratio Lower Upper

168 100

99 57.2 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

300000

250000

200000

150000

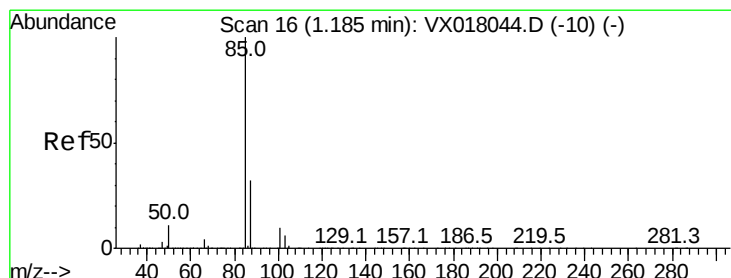
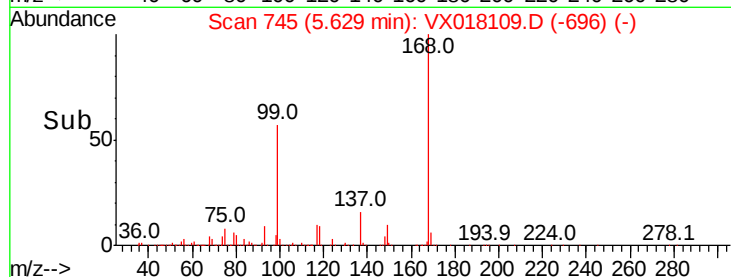
100000

50000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.701 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018109.D

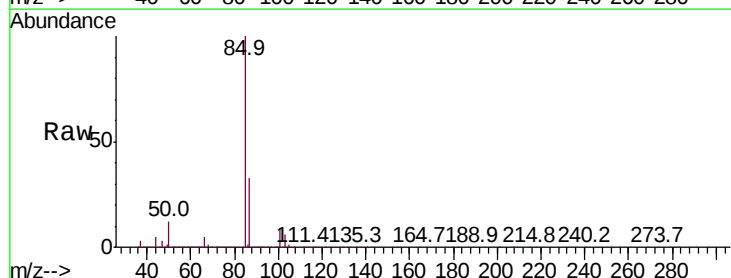
Acq: 28 Aug 2020 10:54

Tgt Ion: 85 Resp: 179809

Ion Ratio Lower Upper

85 100

87 32.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

150000

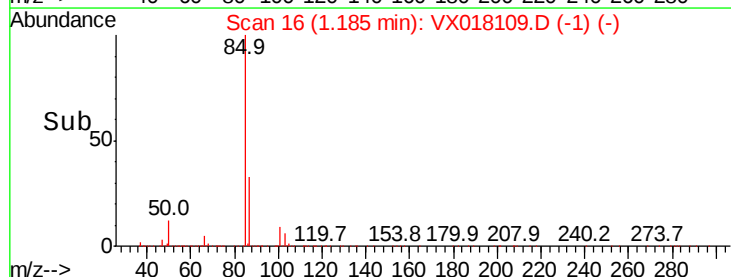
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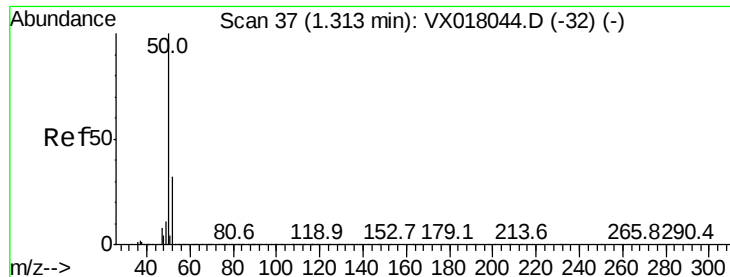
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1.10 1.15 1.20 1.25 1.30

Time-->

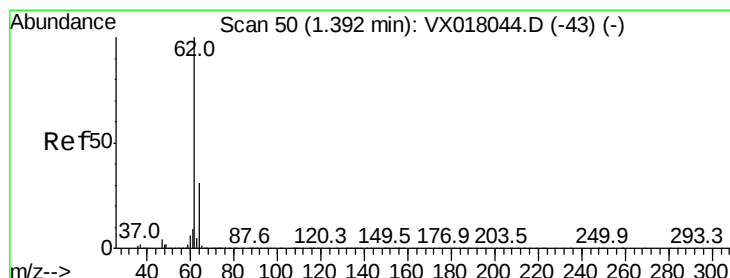
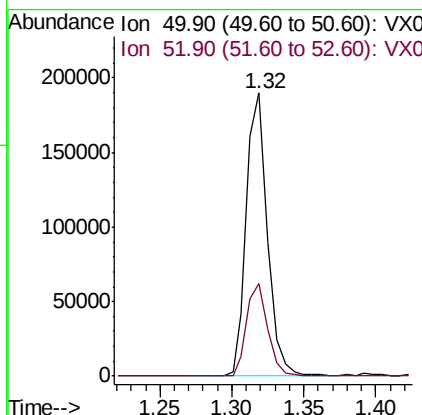
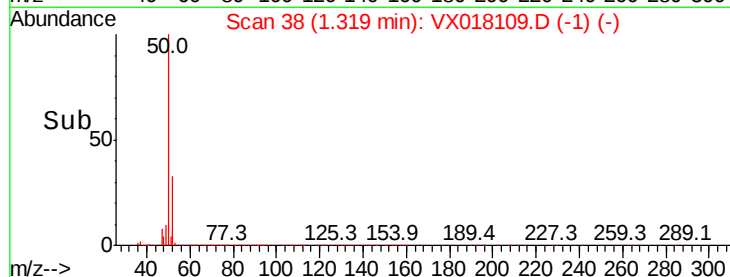
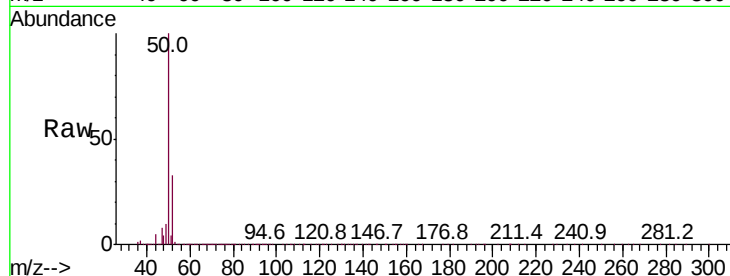




#3
Chloromethane
Concen: 19.910 ug/l
RT: 1.32 min Scan# 38
Delta R.T. 0.01 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

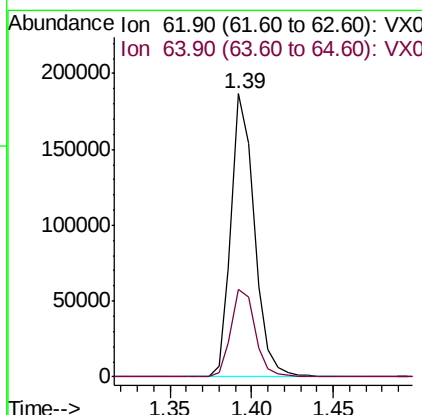
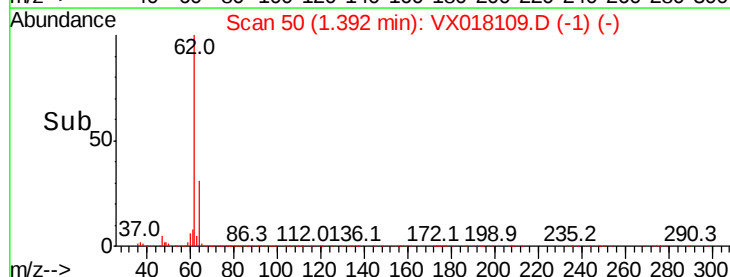
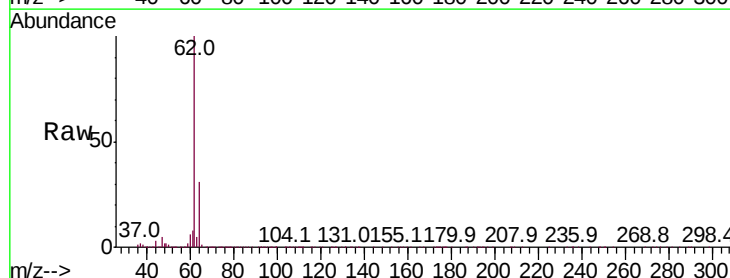
Instrument :
MSVOA_X
ClientSampleId :
VX0828WBS01

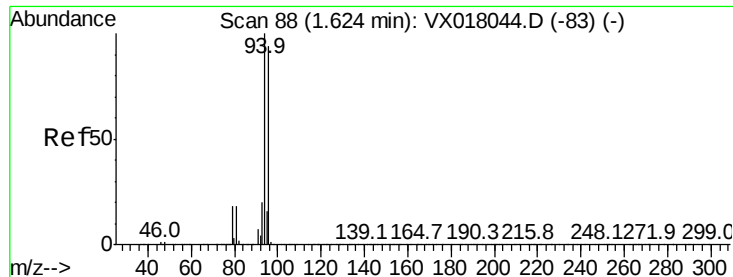
Tot Ion: 50 Resp: 191575
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.2



#4
Vinyl Chloride
Concen: 19.397 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion: 62 Resp: 185795
Ion Ratio Lower Upper
62 100
64 30.6 25.1 37.7





#5

Bromomethane

Concen: 25.794 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

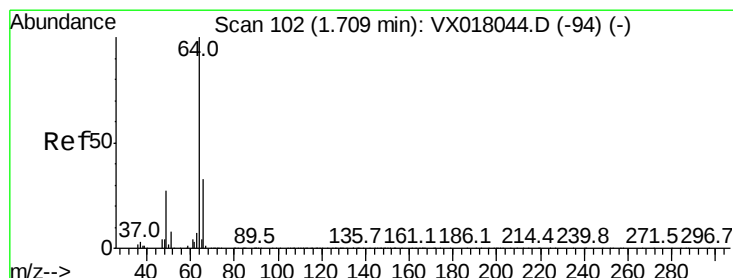
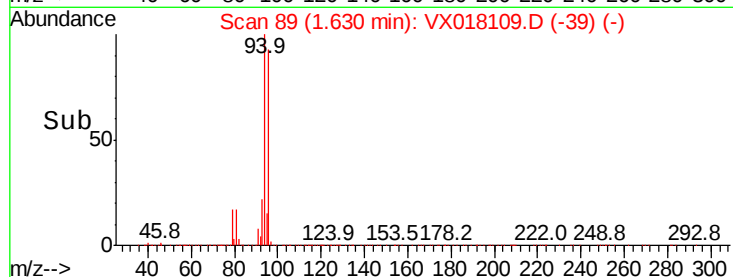
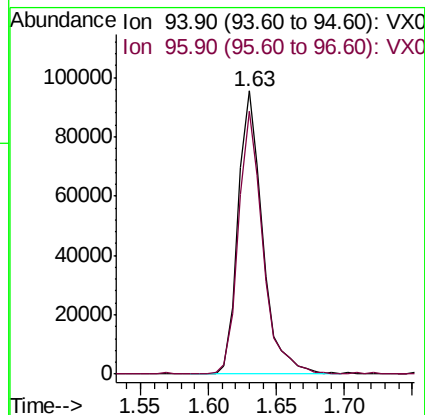
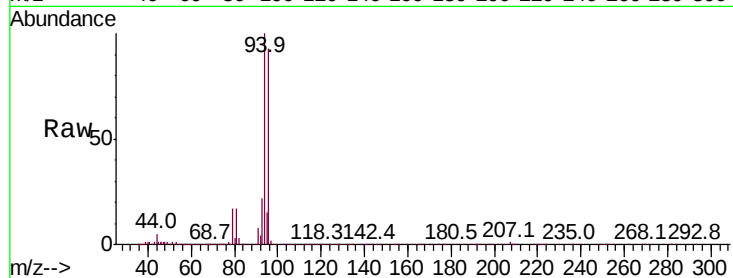
VX0828WBS01

Tot Ion: 94 Resp: 119170

Ion Ratio Lower Upper

94 100

96 92.8 74.8 112.2



#6

Chloroethane

Concen: 20.636 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018109.D

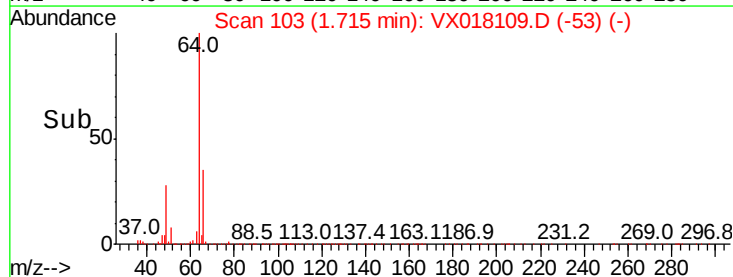
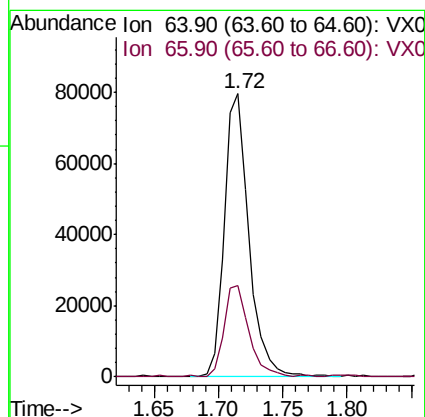
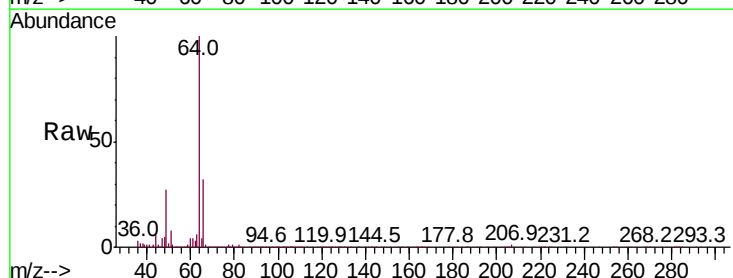
Acq: 28 Aug 2020 10:54

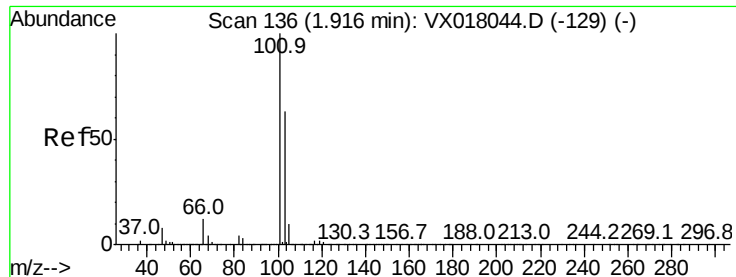
Tgt Ion: 64 Resp: 106166

Ion Ratio Lower Upper

64 100

66 32.0 26.6 39.8



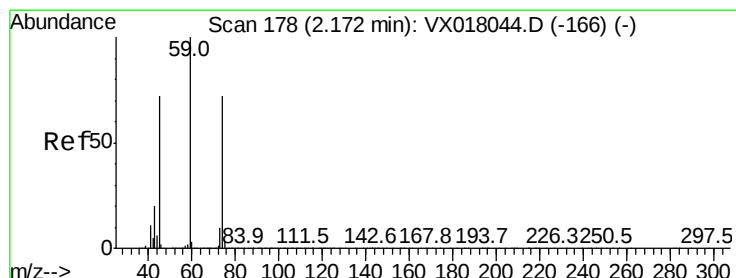
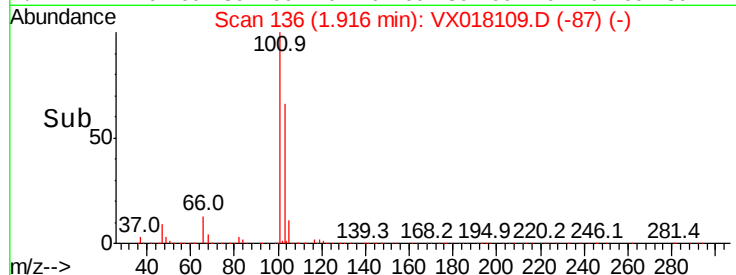
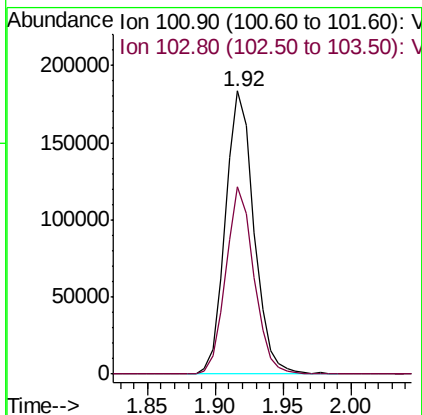
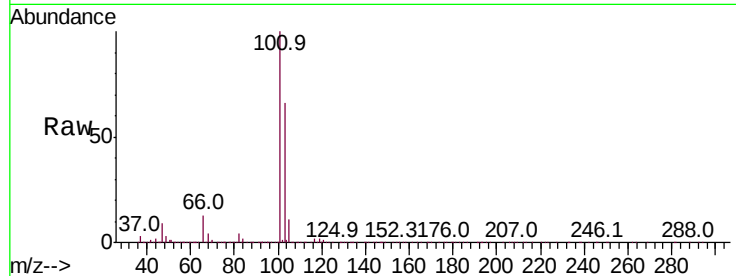


#7

Trichlorofluoromethane
Concen: 20.467 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0828WBS01

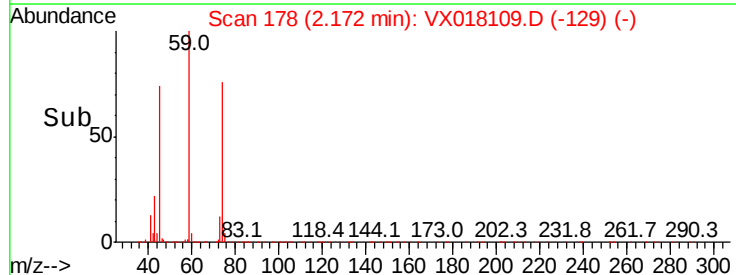
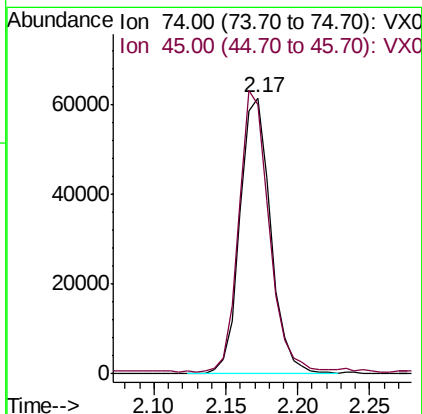
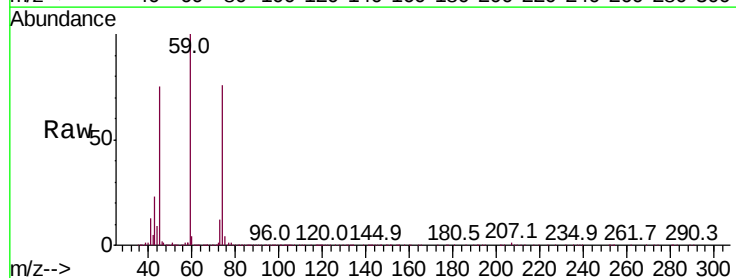
Tot Ion:101 Resp: 267320
Ion Ratio Lower Upper
101 100
103 66.1 50.7 76.1

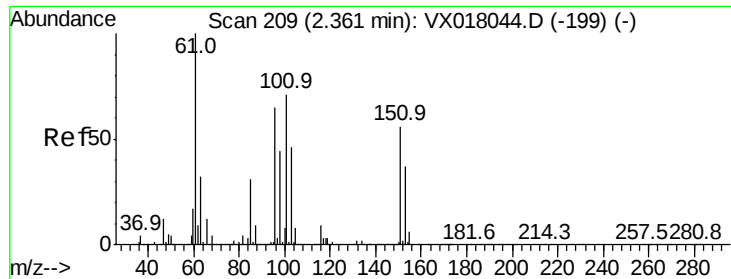


#8

Diethyl Ether
Concen: 20.399 ug/l
RT: 2.17 min Scan# 178
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion: 74 Resp: 90356
Ion Ratio Lower Upper
74 100
45 101.6 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.237 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0828WBS01

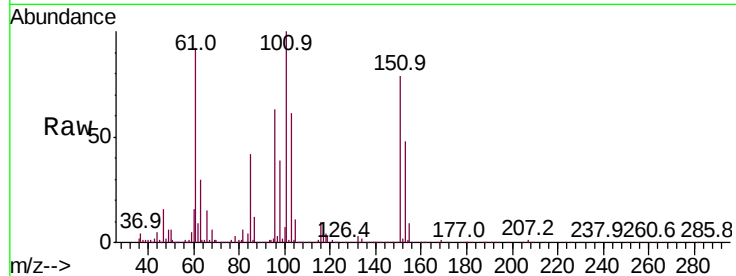
Tot Ion:101 Resp: 142895

Ion Ratio Lower Upper

101 100

85 41.6 34.0 51.0

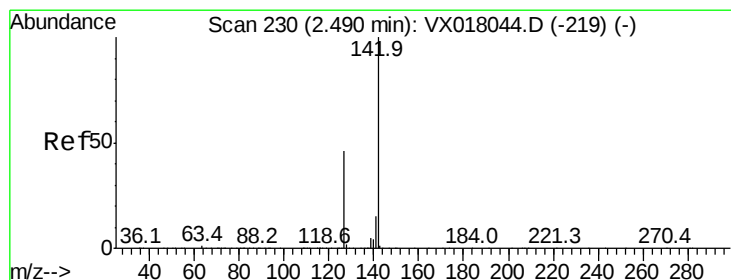
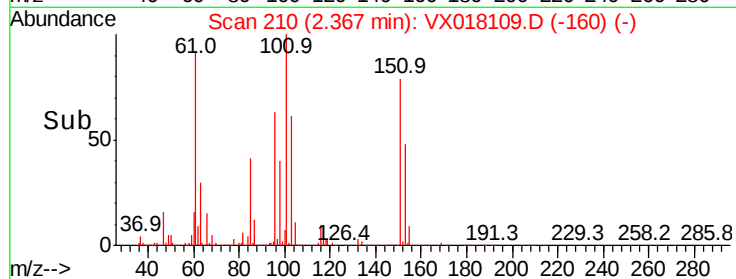
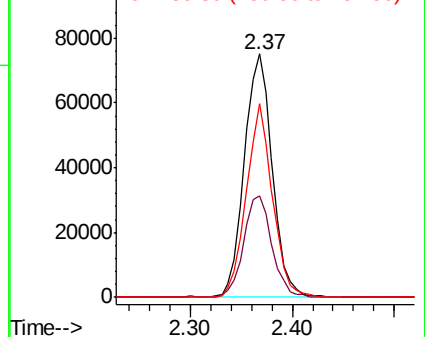
151 74.8 65.2 97.8



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: 23.767 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

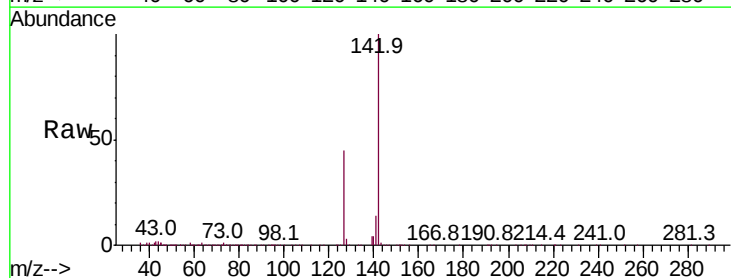
Tgt Ion:142 Resp: 156122

Ion Ratio Lower Upper

142 100

127 45.7 37.0 55.6

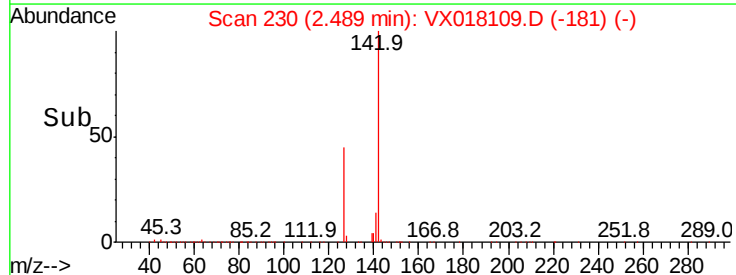
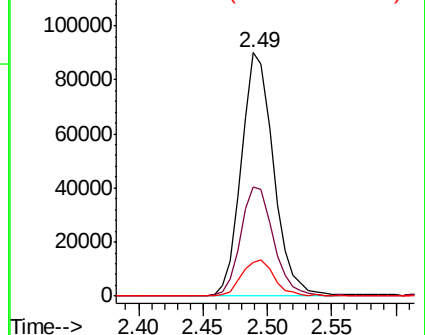
141 15.1 11.5 17.3

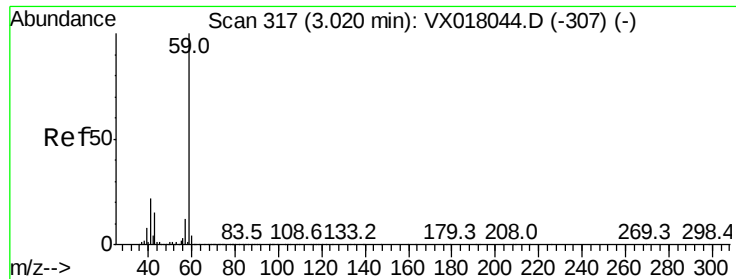


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



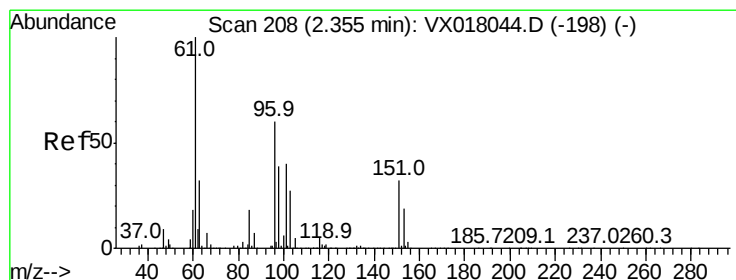
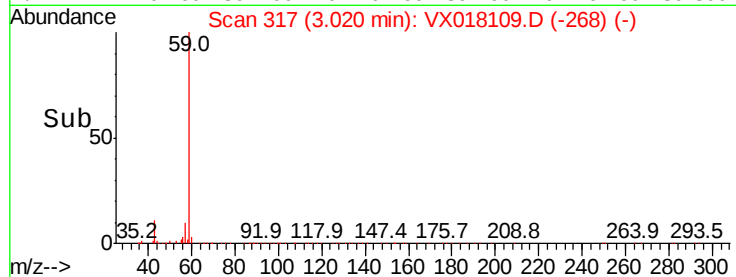
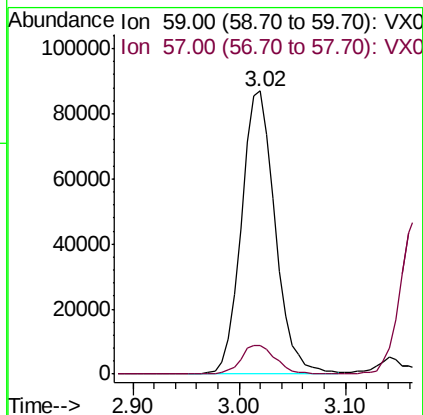
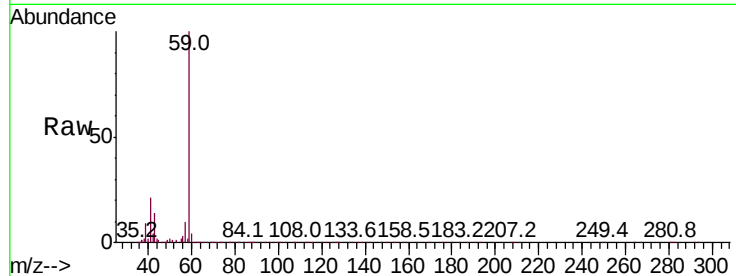


#11

Tert butyl alcohol
 Concen: 95.211 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX018109.D
 Acq: 28 Aug 2020 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828WBS01

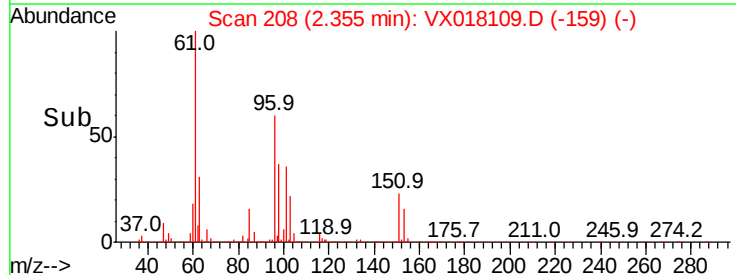
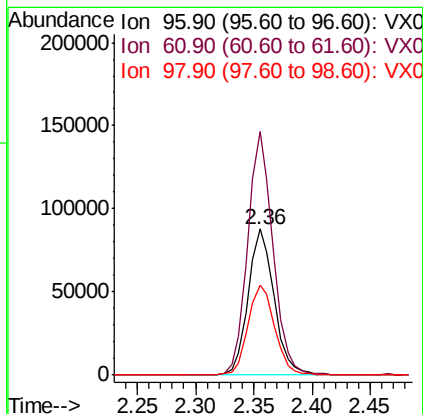
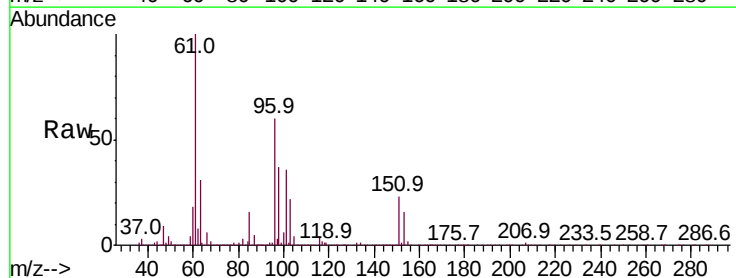
Tot Ion: 59 Resp: 192654
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.9 13.3

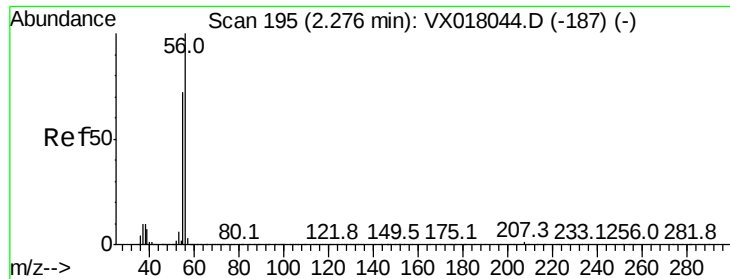


#12

1,1-Dichloroethene
 Concen: 18.710 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX018109.D
 Acq: 28 Aug 2020 10:54

Tgt Ion: 96 Resp: 137060
 Ion Ratio Lower Upper
 96 100
 61 167.0 133.0 199.4
 98 61.2 51.6 77.4





#13

Acrolein

Concen: 85.339 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

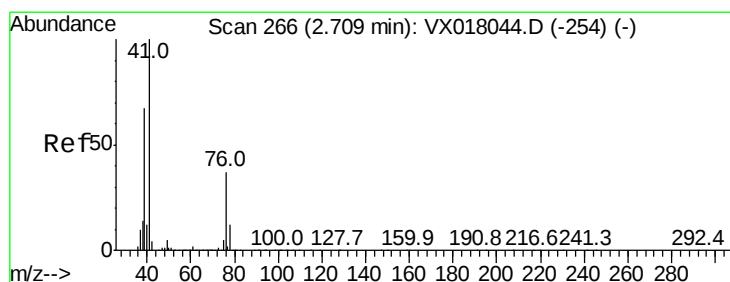
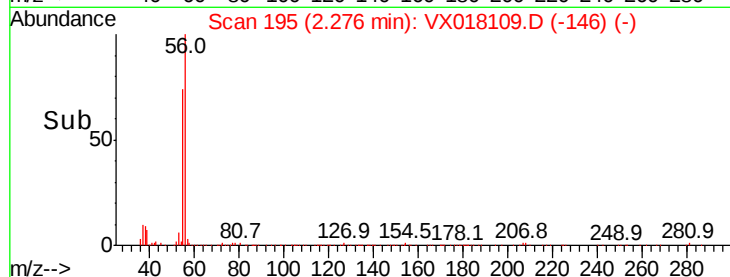
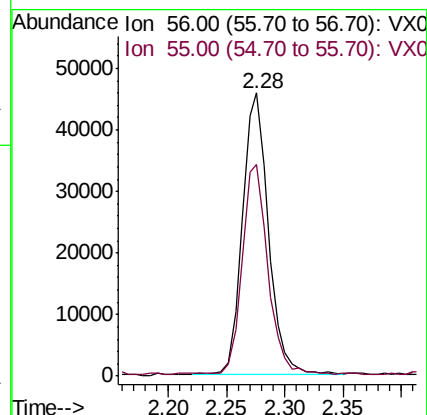
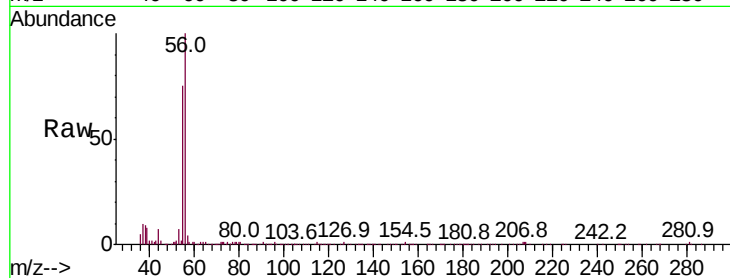
VX0828WBS01

Tot Ion: 56 Resp: 71600

Ion Ratio Lower Upper

56 100

55 72.4 57.0 85.6



#14

Allyl chloride

Concen: 22.167 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

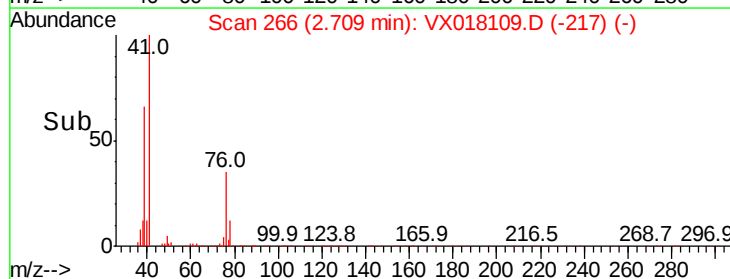
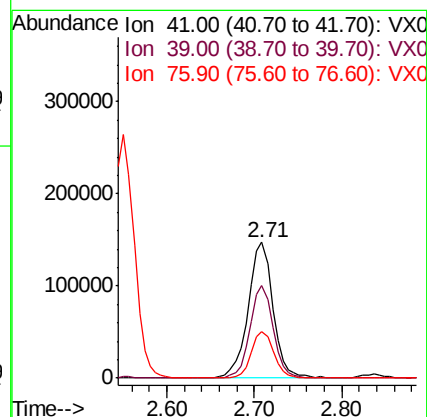
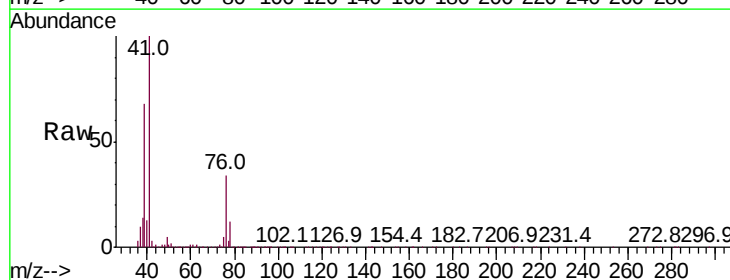
Tgt Ion: 41 Resp: 291749

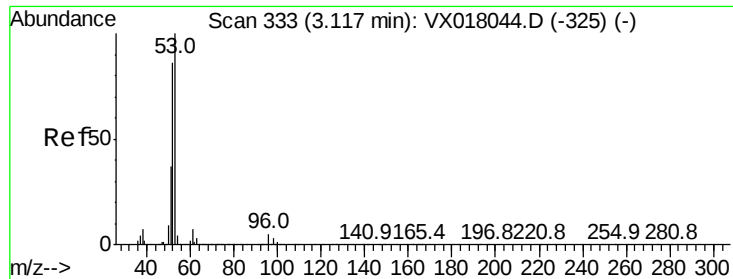
Ion Ratio Lower Upper

41 100

39 62.4 50.6 76.0

76 30.5 26.2 39.2





#15

Acrylonitrile

Concen: 101.133 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0828WBS01

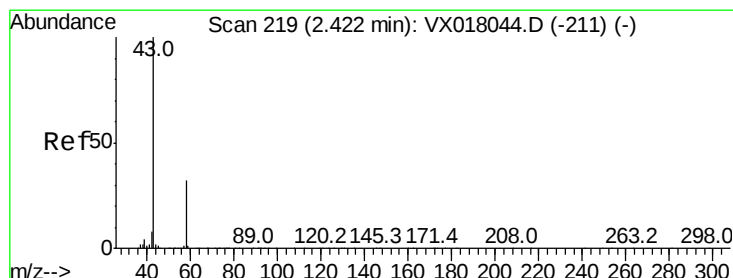
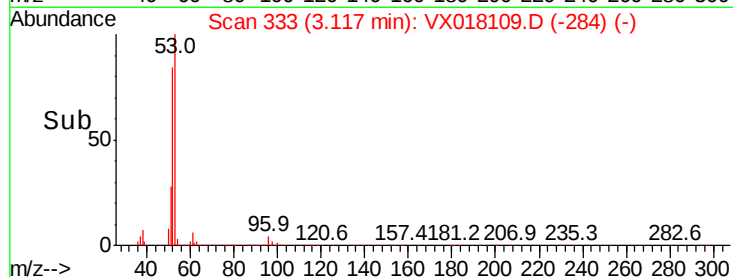
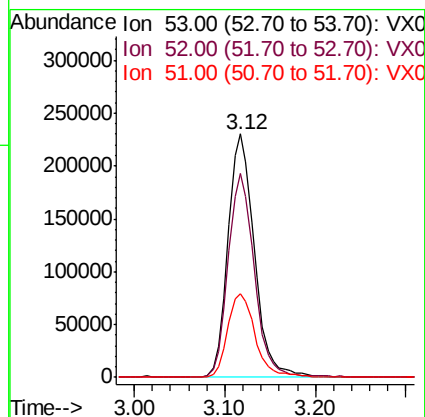
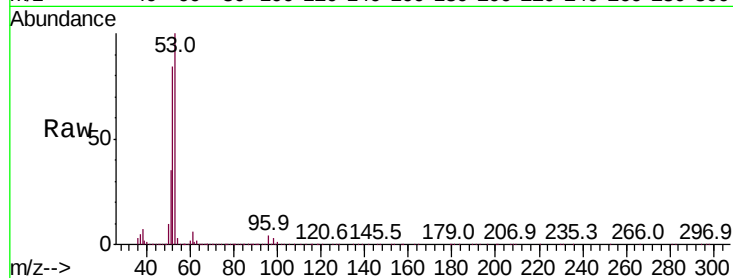
Tot Ion: 53 Resp: 464192

Ion Ratio Lower Upper

53 100

52 83.6 66.9 100.3

51 35.9 28.7 43.1



#16

Acetone

Concen: 93.282 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018109.D

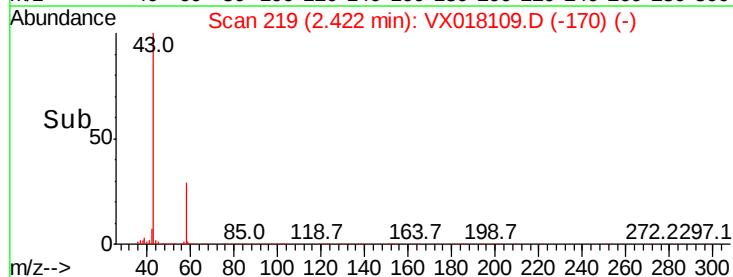
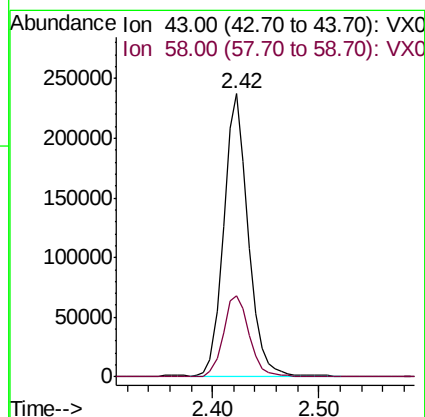
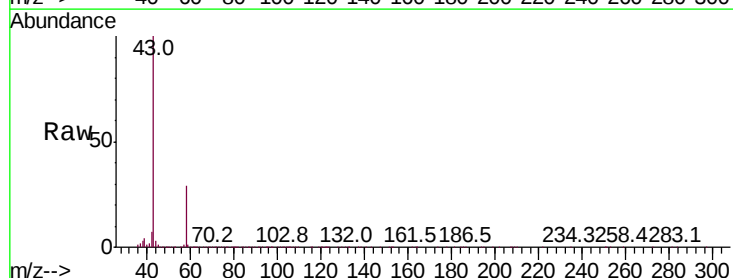
Acq: 28 Aug 2020 10:54

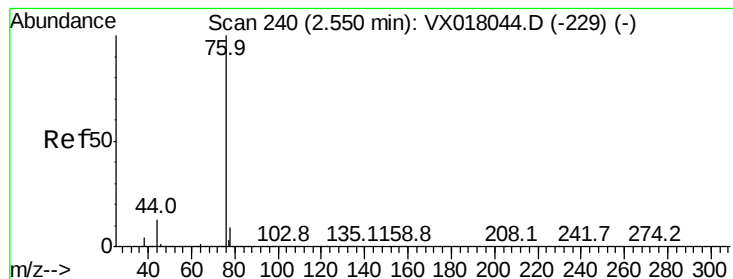
Tgt Ion: 43 Resp: 378267

Ion Ratio Lower Upper

43 100

58 28.8 25.5 38.3





#17

Carbon Disulfide

Concen: 19.592 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

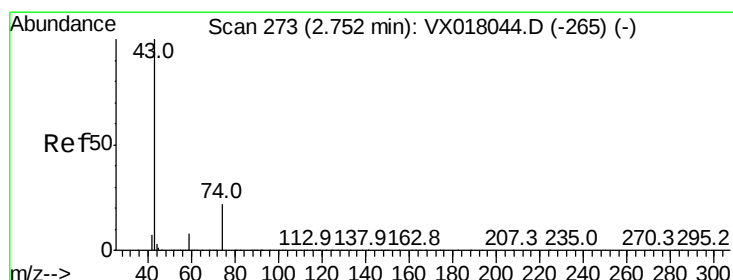
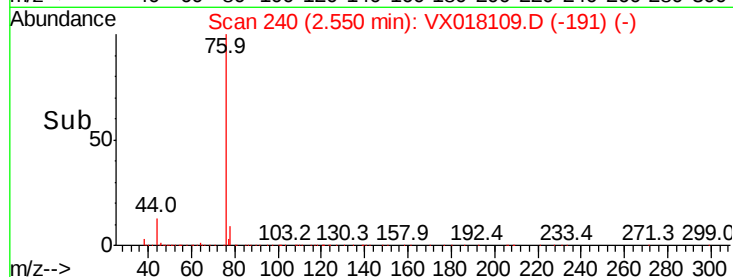
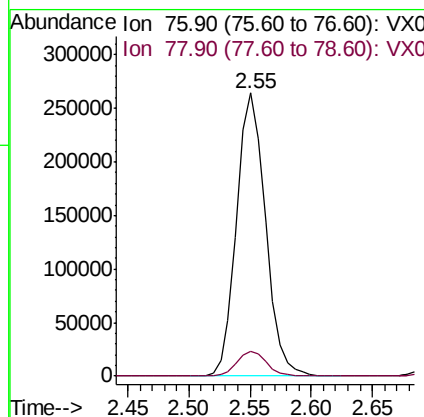
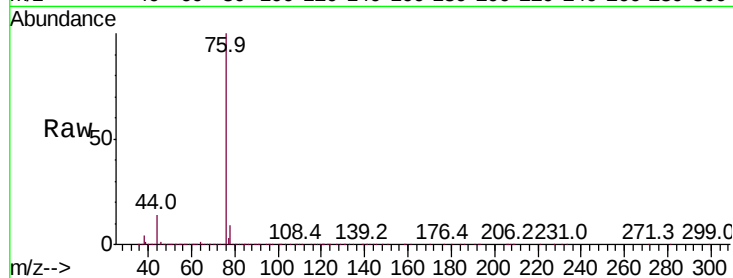
VX0828WBS01

Tot Ion: 76 Resp: 433886

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0



#18

Methyl Acetate

Concen: 21.481 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018109.D

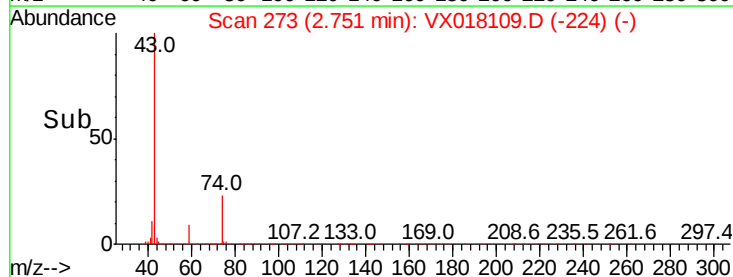
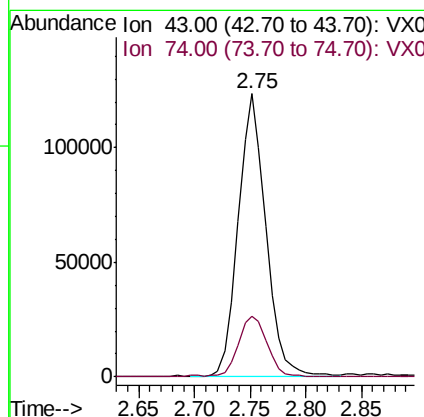
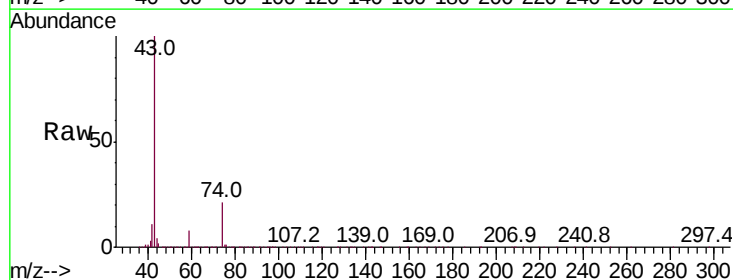
Acq: 28 Aug 2020 10:54

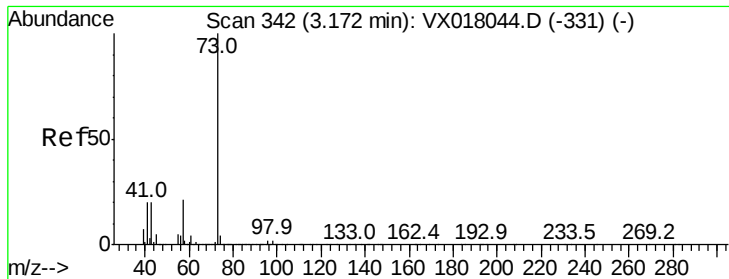
Tgt Ion: 43 Resp: 210198

Ion Ratio Lower Upper

43 100

74 22.2 18.2 27.4

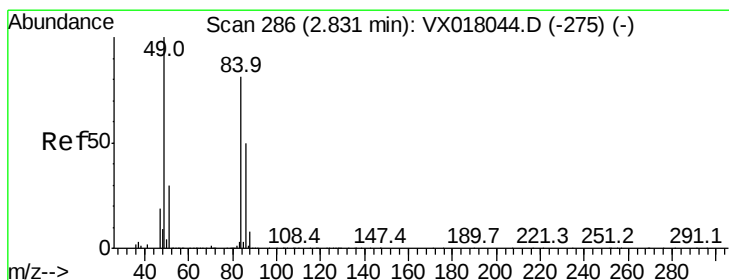
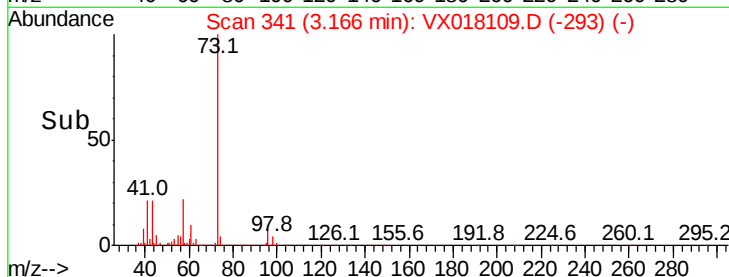
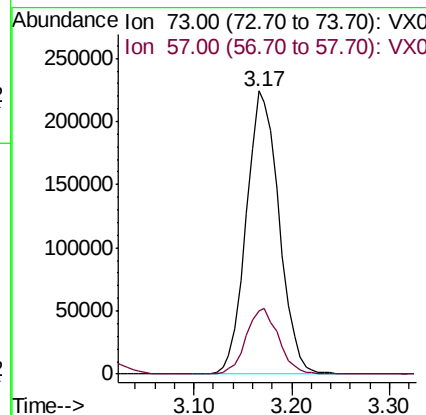
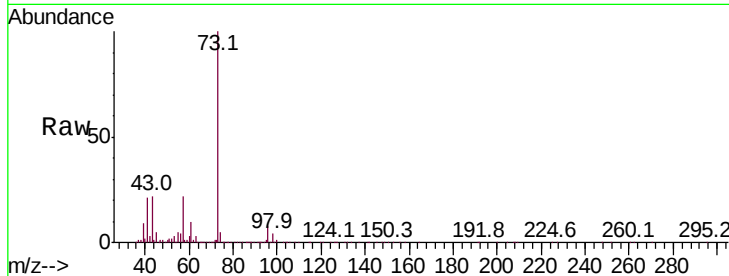




#19
Methvl tert-butvl Ether
Concen: 20.670 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

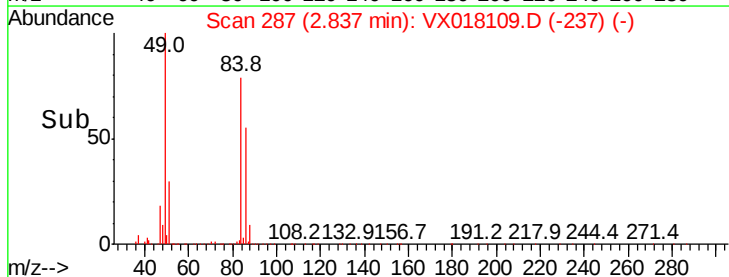
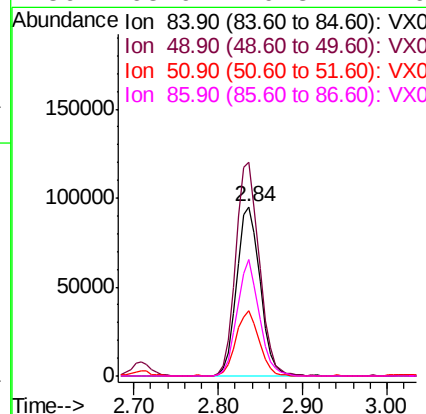
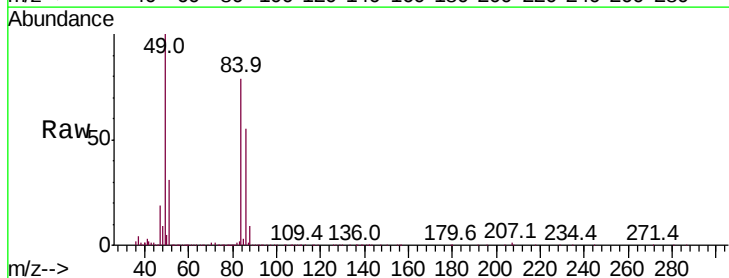
Instrument :
MSVOA_X
ClientSampleId :
VX0828WBS01

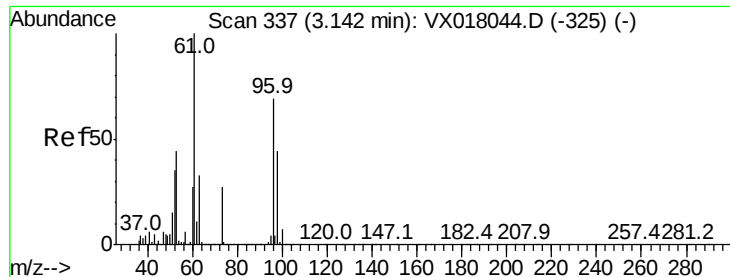
Tot Ion: 73 Resp: 519302
Ion Ratio Lower Upper
73 100
57 22.2 16.8 25.2



#20
Methylene Chloride
Concen: 20.935 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion: 84 Resp: 179205
Ion Ratio Lower Upper
84 100
49 125.7 98.6 148.0
51 38.3 29.6 44.4
86 68.9 49.8 74.6

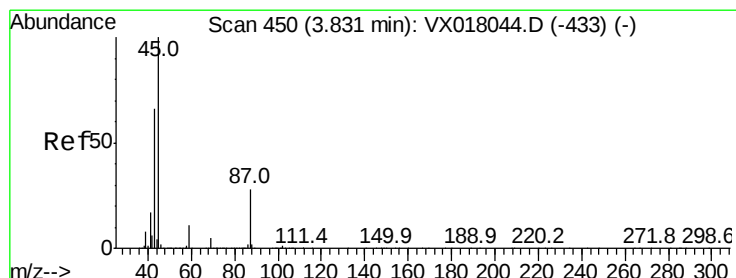
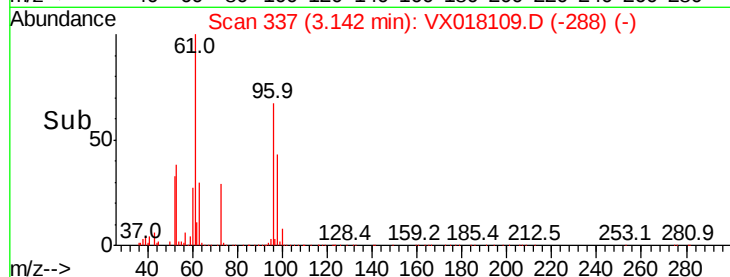
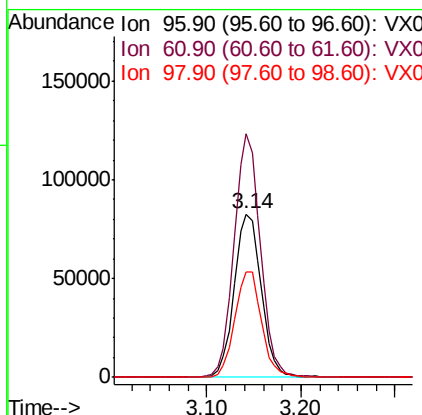
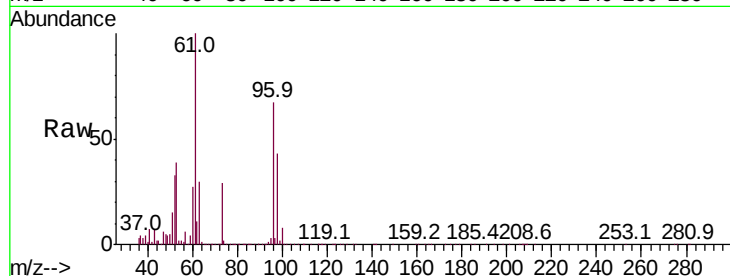




#21
trans-1,2-Dichloroethene
Concen: 20.267 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

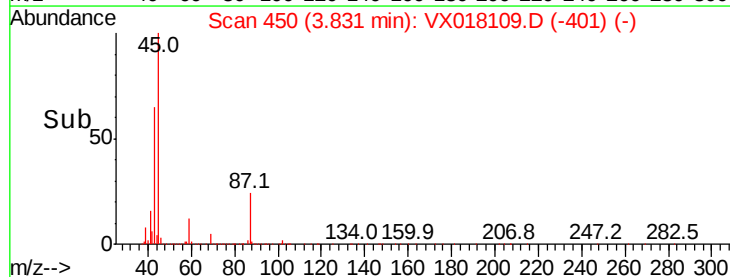
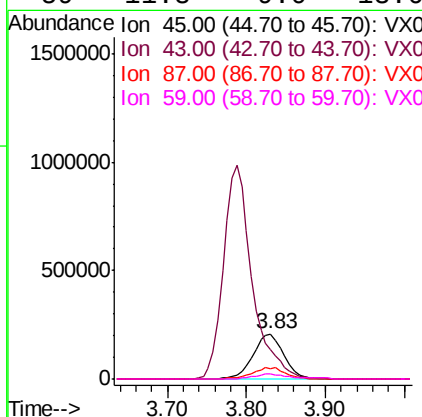
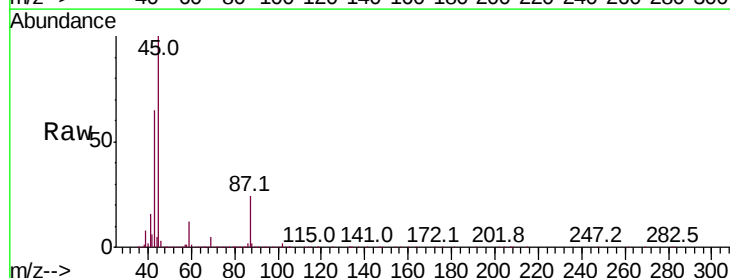
Instrument :
MSVOA_X
ClientSampleId :
VX0828WBS01

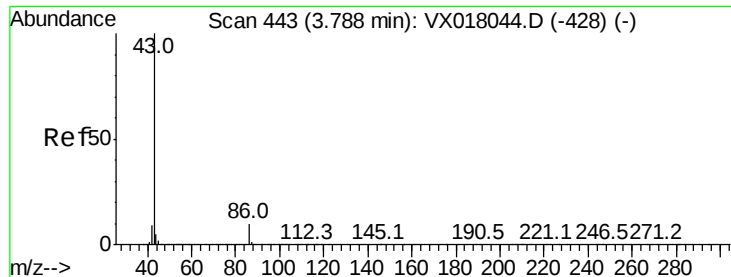
Tot Ion	Ratio	Lower	Upper
96	100		
61	149.2	115.4	173.0
98	64.8	51.1	76.7



#22
Diisopropyl ether
Concen: 21.780 ug/l
RT: 3.83 min Scan# 450
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.7	52.8	79.2
87	23.7	22.5	33.7
59	11.8	9.0	13.6





#23

Vinyl Acetate

Concen: 108.660 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampled :

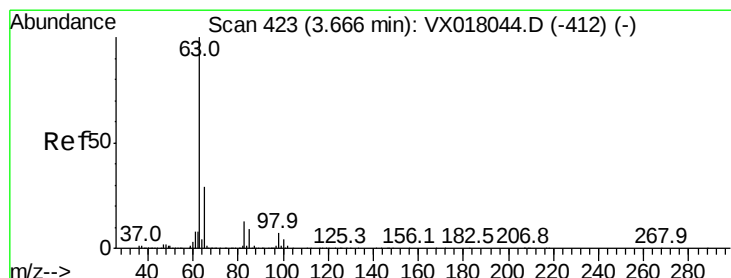
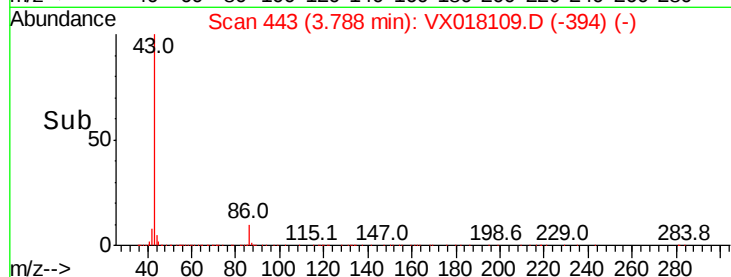
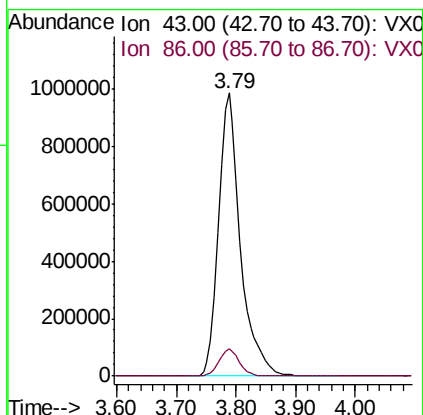
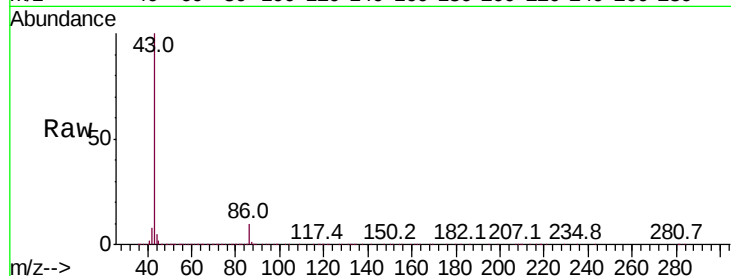
VX0828WBS01

Tot Ion: 43 Resp: 2511609

Ion Ratio Lower Upper

43 100

86 9.8 7.9 11.9



#24

1,1-Dichloroethane

Concen: 20.811 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

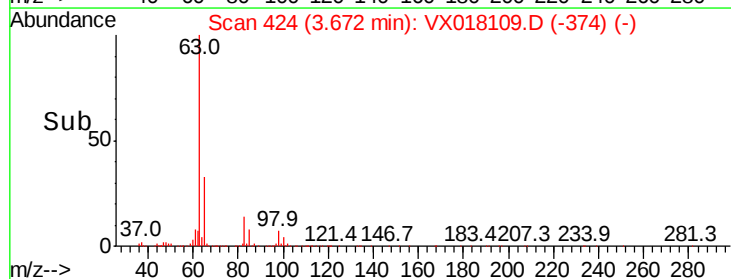
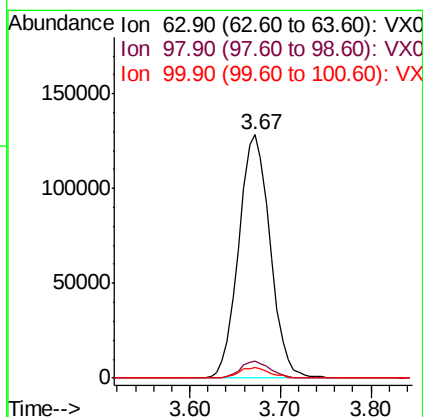
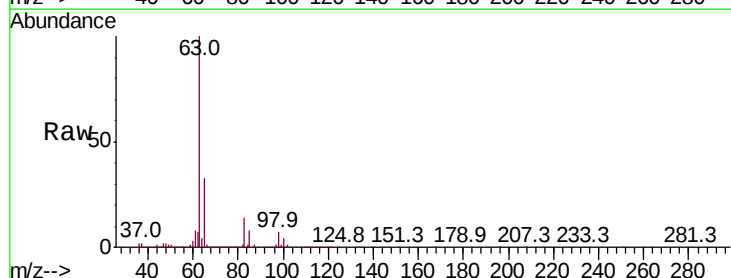
Tgt Ion: 63 Resp: 307738

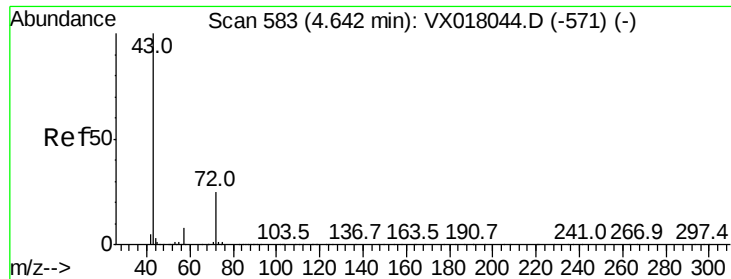
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 99.895 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampled :

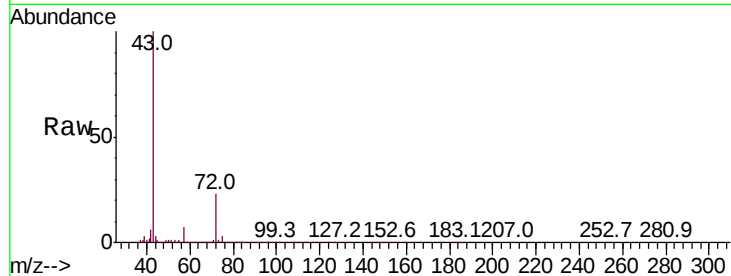
VX0828WBS01

Tot Ion: 43 Resp: 665738

Ion Ratio Lower Upper

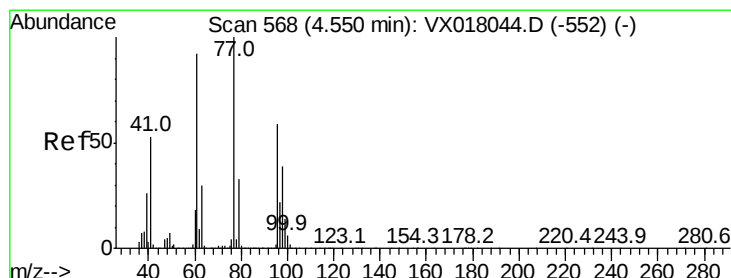
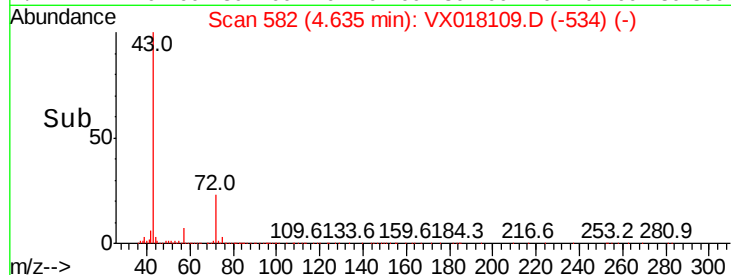
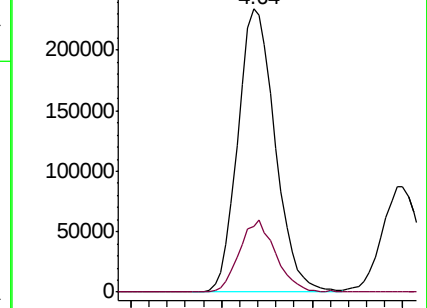
43 100

72 23.3 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: 23.319 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018109.D

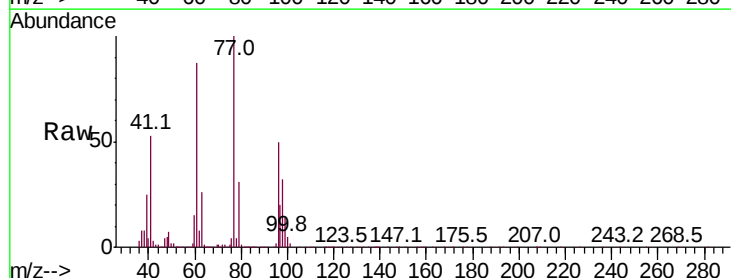
Acq: 28 Aug 2020 10:54

Tgt Ion: 77 Resp: 280556

Ion Ratio Lower Upper

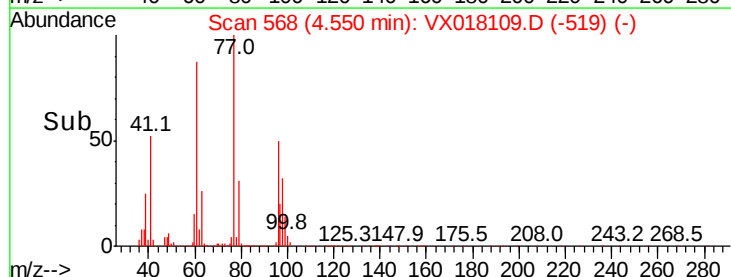
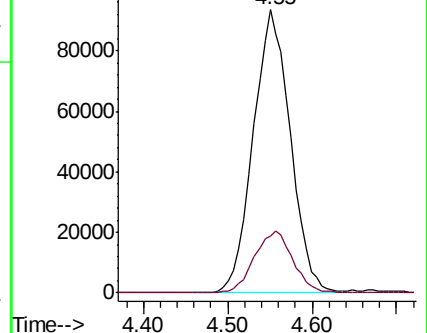
77 100

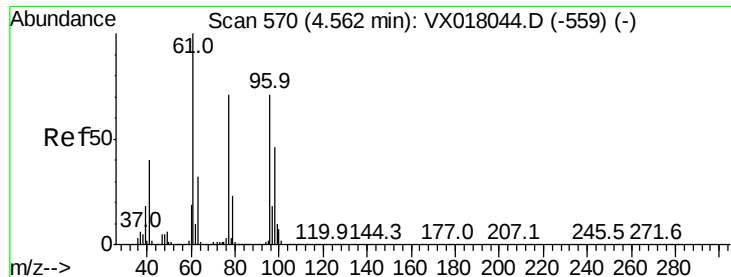
97 22.6 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



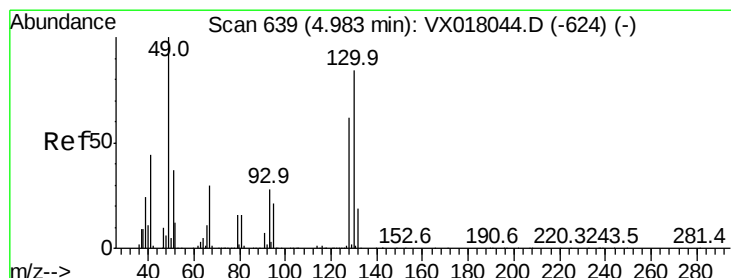
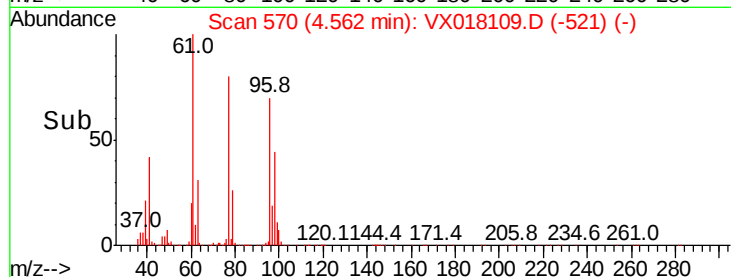
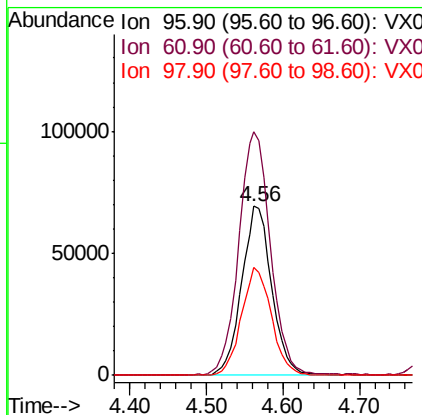
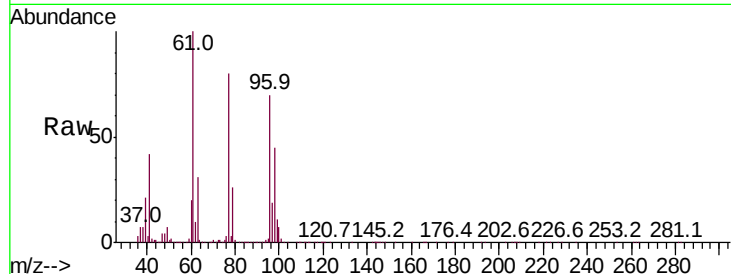


#27

cis-1,2-Dichloroethene
Concen: 20.205 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0828WBS01

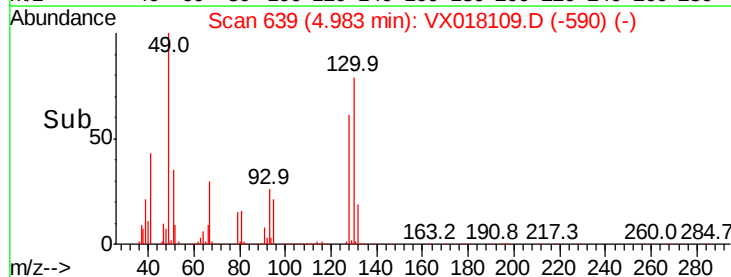
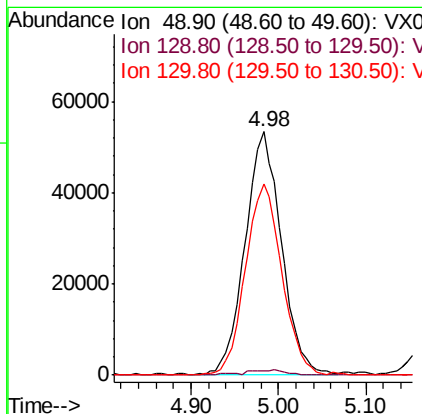
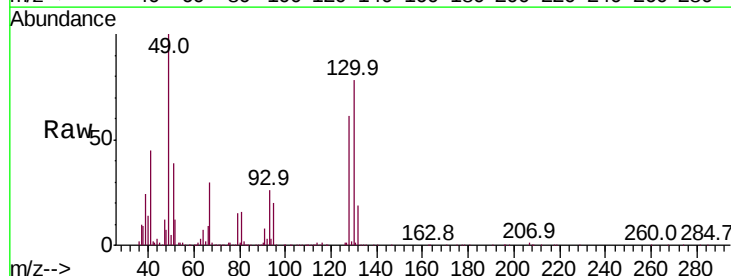
Tot Ion	Ratio	Lower	Upper
96	100		
61	151.9	0.0	296.6
98	64.2	0.0	130.2

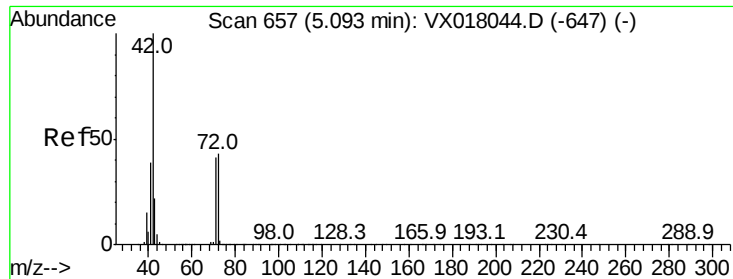


#28

Bromochloromethane
Concen: 21.501 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	78.9	64.6	96.8

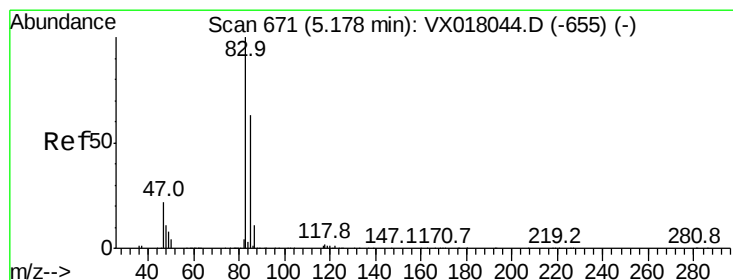
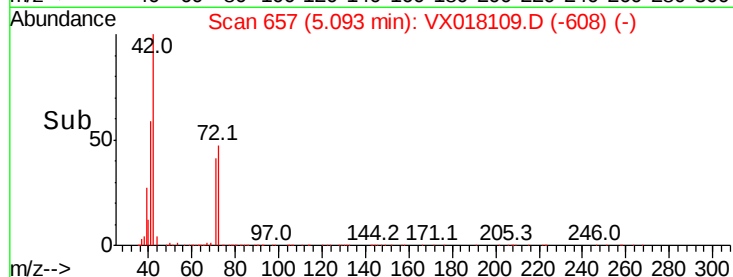
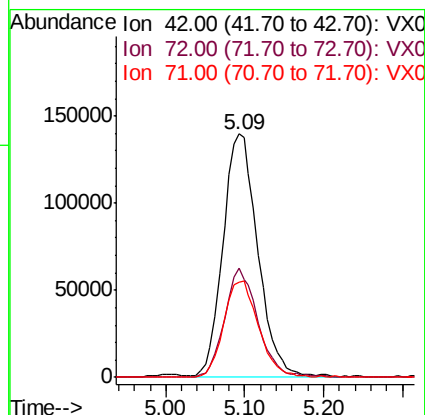
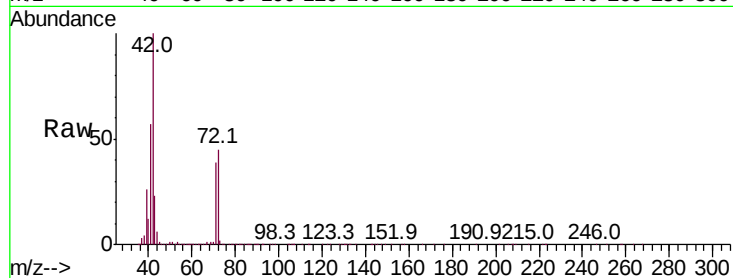




#29
Tetrahydrofuran
Concen: 100.603 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

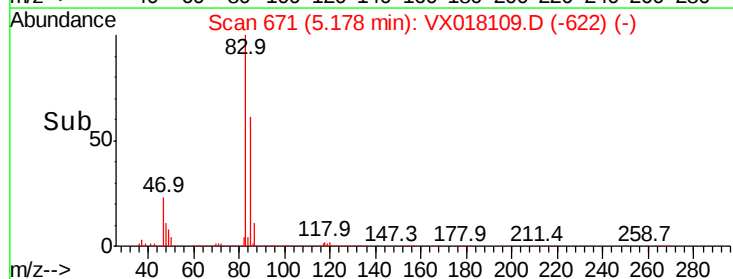
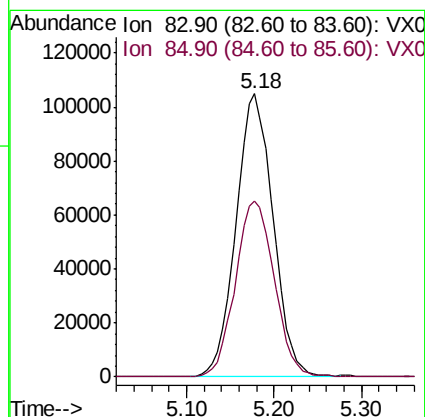
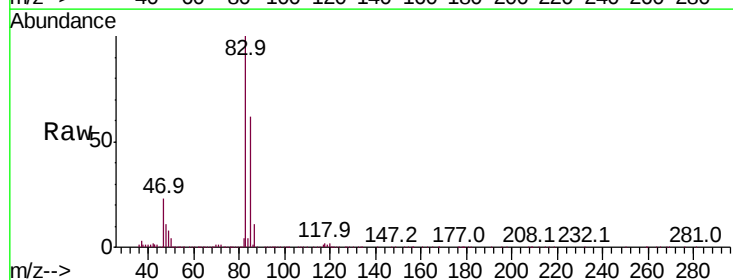
Instrument :
MSVOA_X
ClientSampleId :
VX0828WBS01

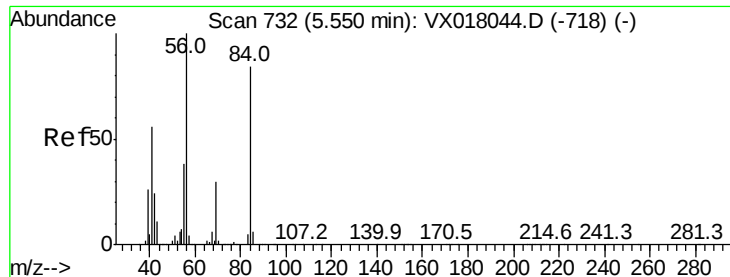
Tot Ion: 42 Resp: 426801
Ion Ratio Lower Upper
42 100
72 43.2 34.2 51.4
71 39.9 32.1 48.1



#30
Chloroform
Concen: 20.187 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion: 83 Resp: 309085
Ion Ratio Lower Upper
83 100
85 61.8 50.7 76.1

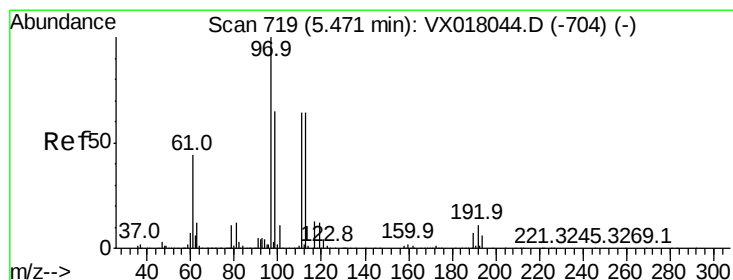
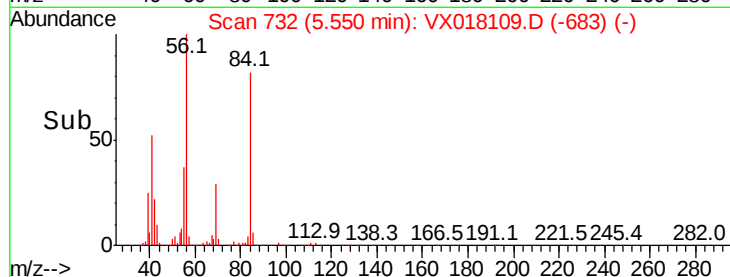
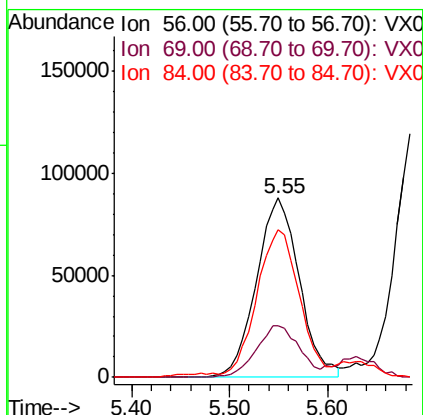
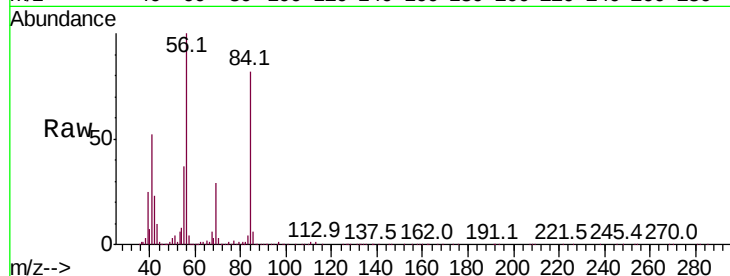




#31
Cyclohexane
Concen: 21.382 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

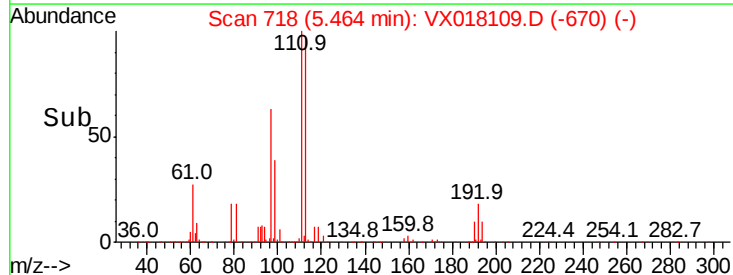
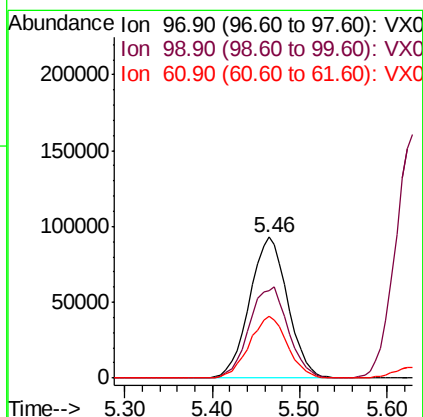
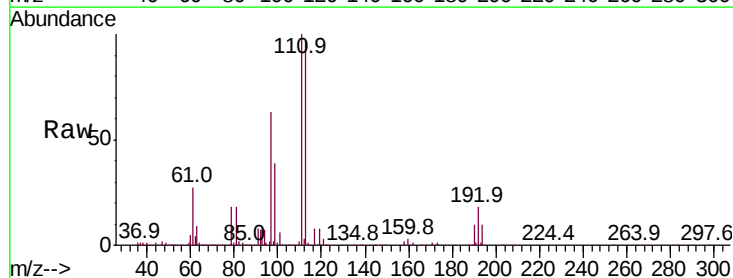
Instrument :
MSVOA_X
ClientSampleId :
VX0828WBS01

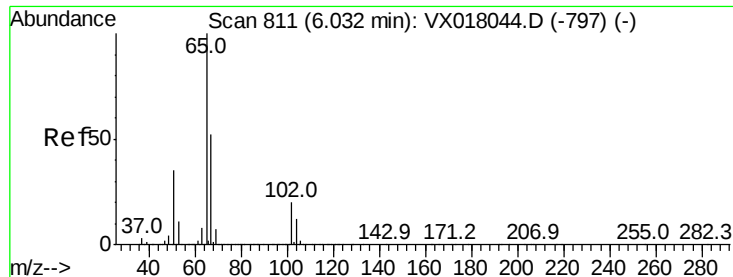
Tot Ion: 56 Resp: 266331
Ion Ratio Lower Upper
56 100
69 28.6 23.9 35.9
84 80.6 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 20.071 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion: 97 Resp: 282021
Ion Ratio Lower Upper
97 100
99 66.1 51.4 77.0
61 43.6 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 50.376 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

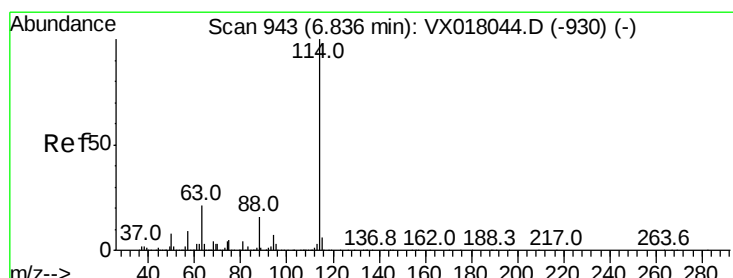
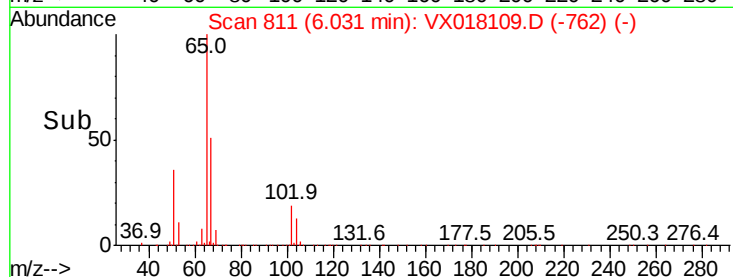
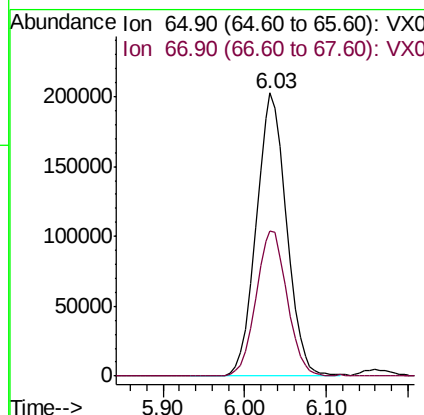
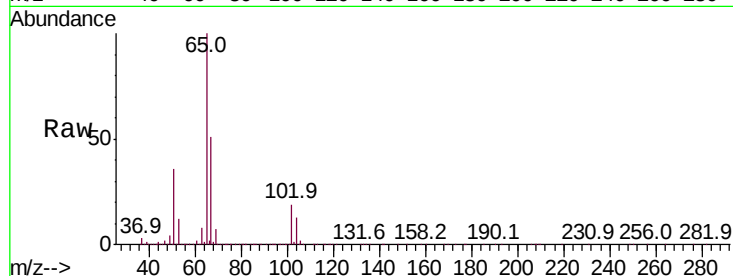
Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0828WBS01

Tot Ion: 65 Resp: 524246

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

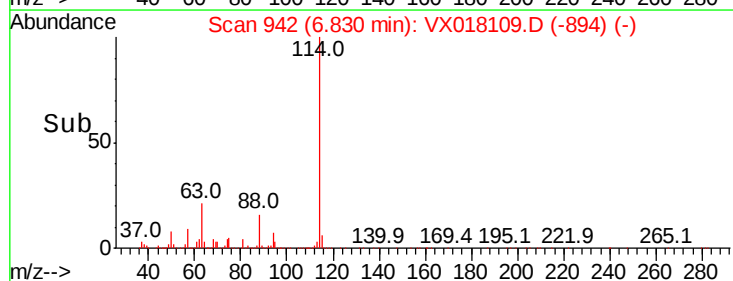
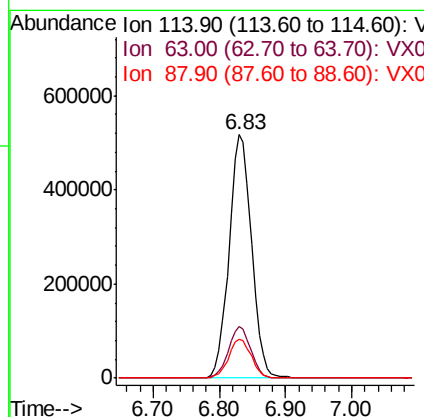
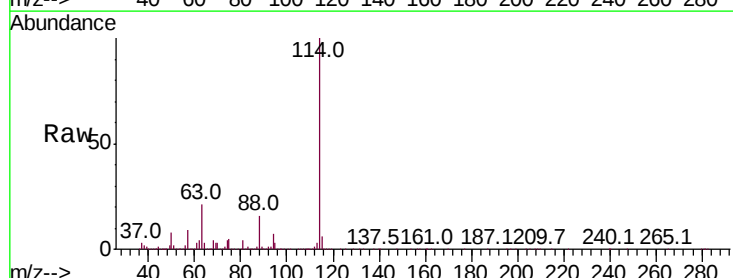
Delta R.T. -0.01 min

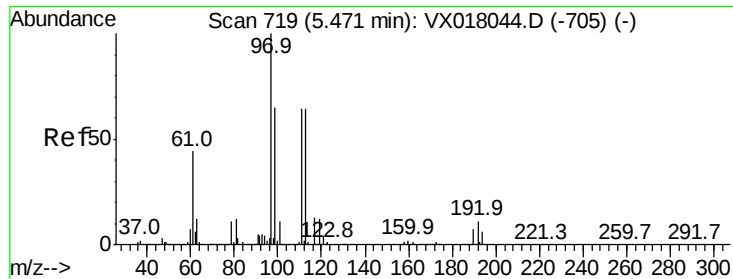
Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Tgt Ion: 114 Resp: 1219672

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	42.6
88	15.7	0.0	31.8

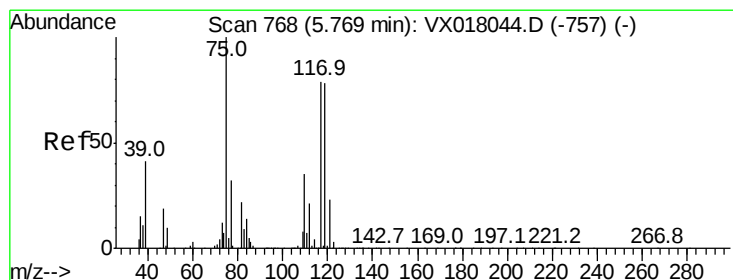
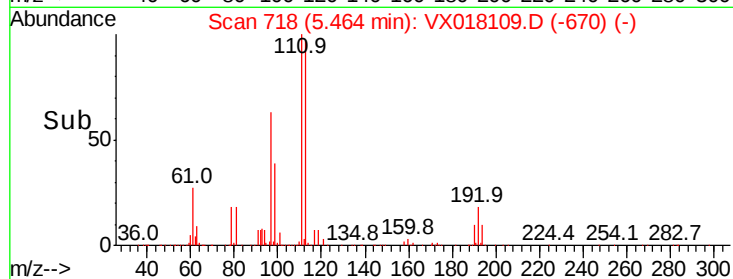
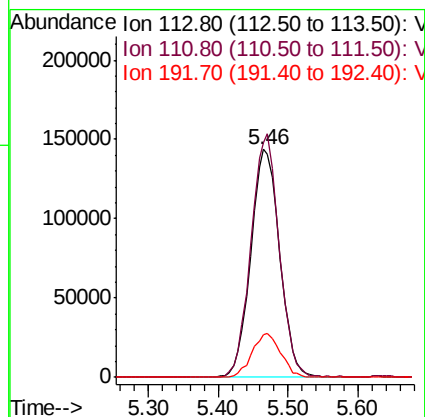
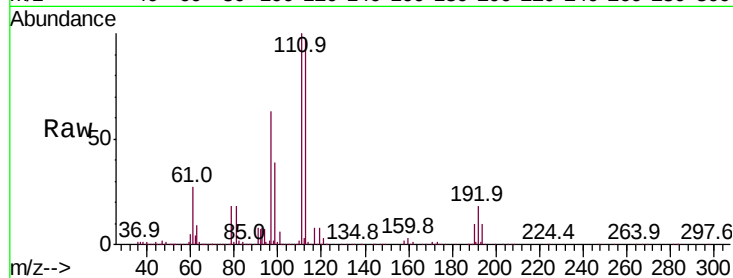




#35
Dibromofluoromethane
Concen: 49.648 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

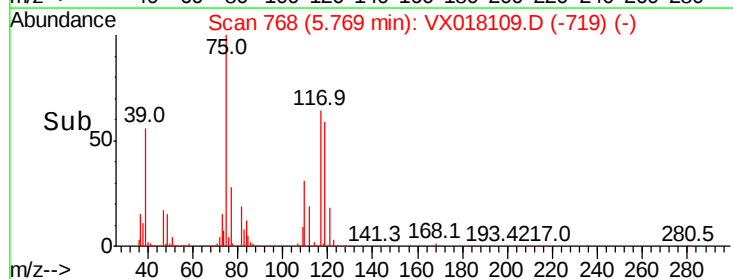
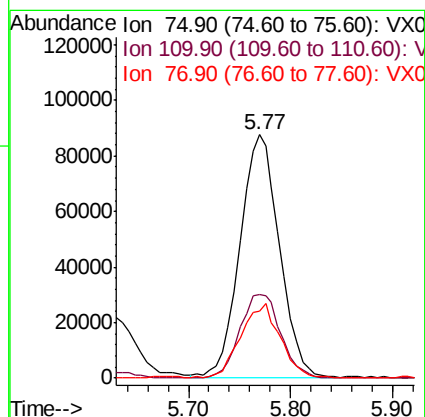
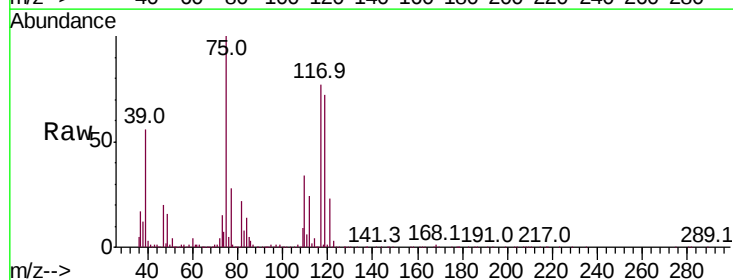
Instrument :
MSVOA_X
ClientSampleId :
VX0828WBS01

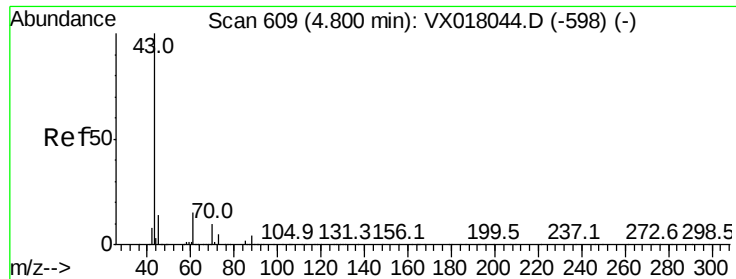
Tot Ion:113 Resp: 412405
Ion Ratio Lower Upper
113 100
111 104.3 81.6 122.4
192 19.1 15.8 23.8



#36
1,1-Dichloropropene
Concen: 20.724 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion: 75 Resp: 233140
Ion Ratio Lower Upper
75 100
110 35.6 18.0 54.0
77 30.4 24.4 36.6

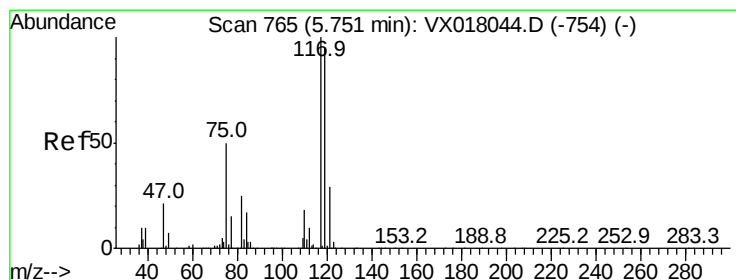
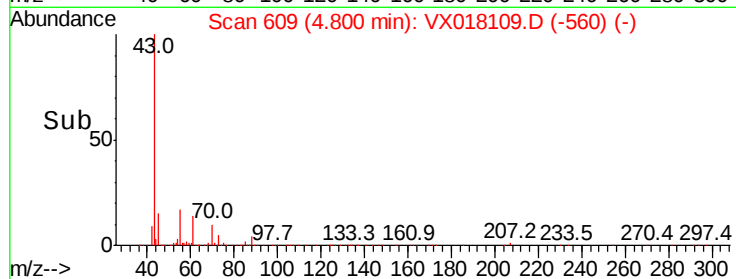
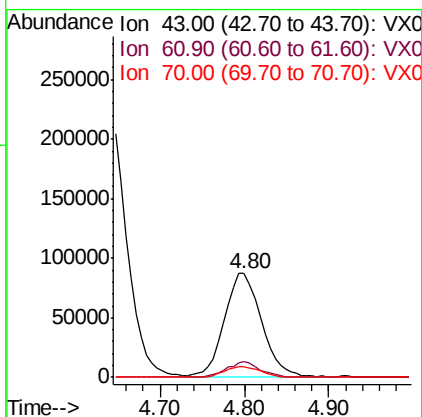
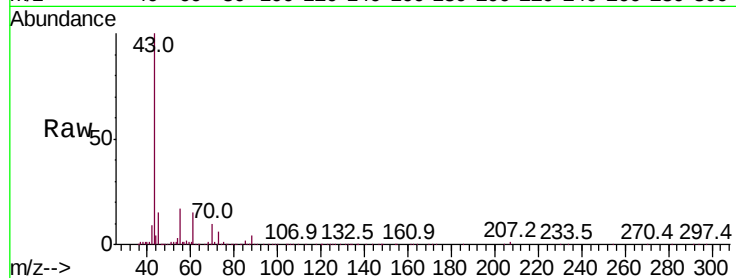




#37
Ethyl Acetate
Concen: 19.844 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

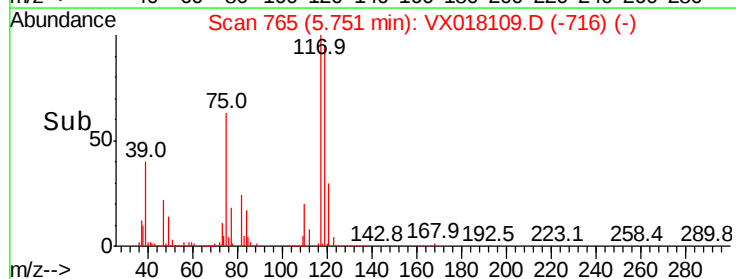
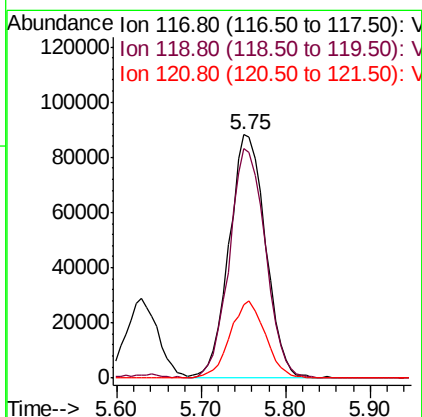
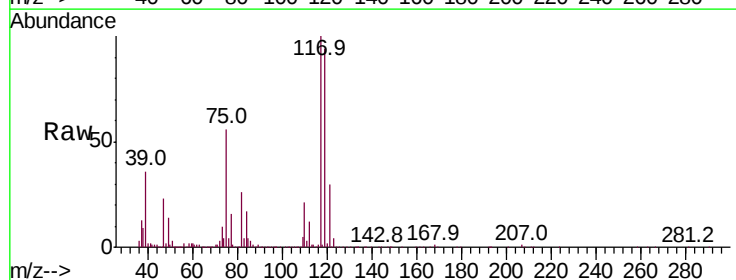
Instrument :
MSVOA_X
ClientSampleId :
VX0828WBS01

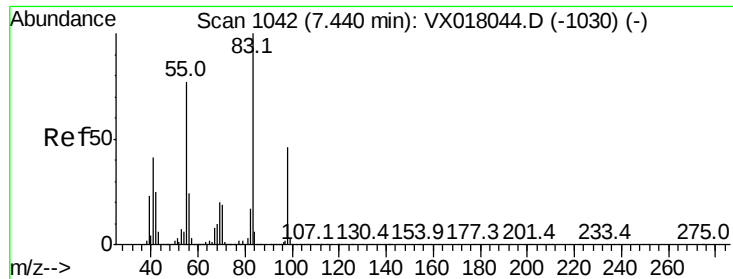
Tot Ion: 43 Resp: 259279
Ion Ratio Lower Upper
43 100
61 13.8 11.3 16.9
70 10.8 8.2 12.4



#38
Carbon Tetrachloride
Concen: 20.309 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion: 117 Resp: 257472
Ion Ratio Lower Upper
117 100
119 94.3 75.8 113.6
121 30.4 23.4 35.0

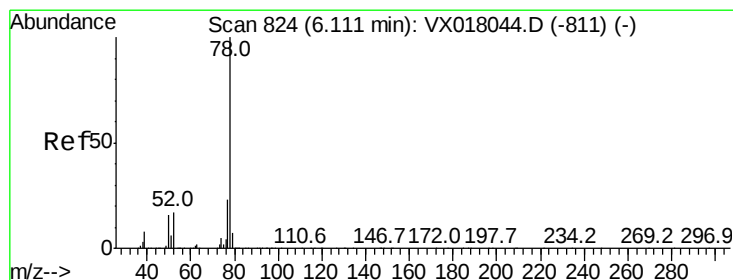
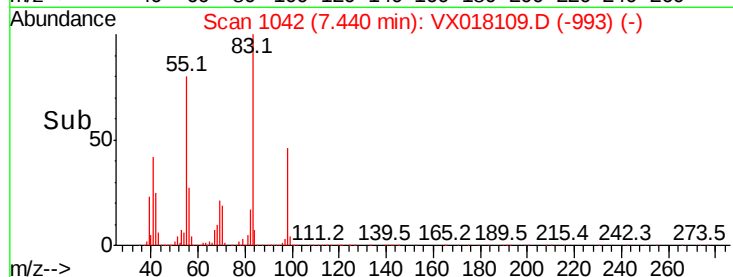
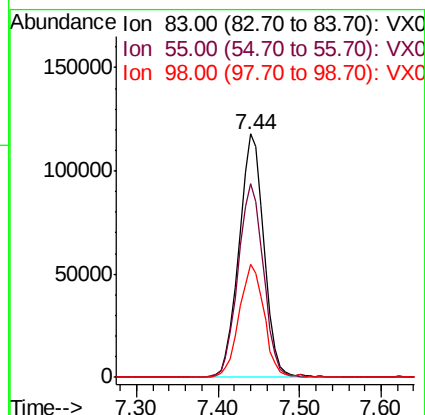
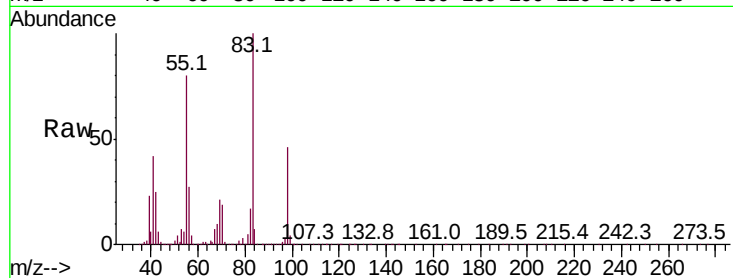




#39
Methvlcvclohexane
Concen: 20.133 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

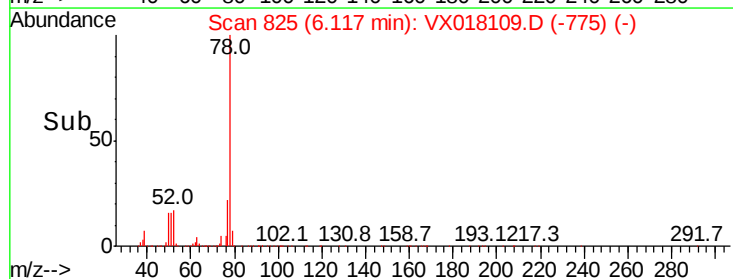
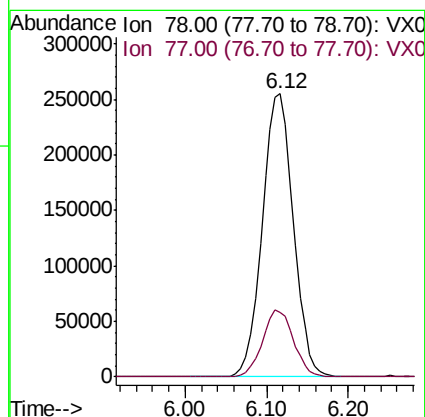
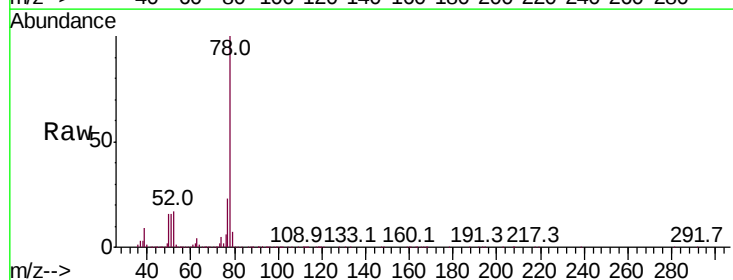
Instrument :
MSVOA_X
ClientSampleId :
VX0828WBS01

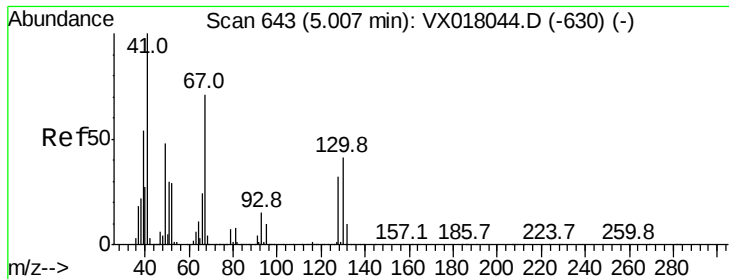
Tot Ion	83	Resp	247657
Ion	Ratio	Lower	Upper
83	100		
55	79.5	61.8	92.6
98	46.3	36.6	55.0



#40
Benzene
Concen: 20.395 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion	78	Resp	674169
Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.2	27.2





#41

Methacrylonitrile

Concen: 19.855 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0828WBS01

Tot Ion: 41 Resp: 142444

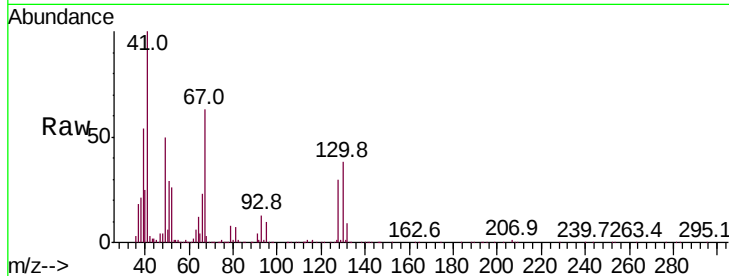
Ion Ratio Lower Upper

41 100

39 54.5 43.1 64.7

67 68.3 56.0 84.0

52 28.4 22.7 34.1

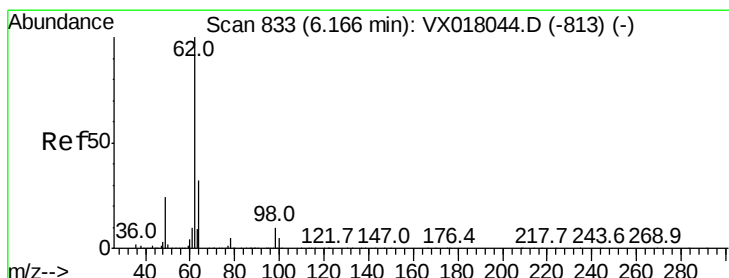
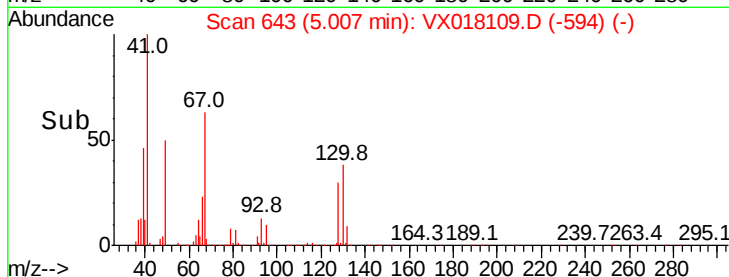
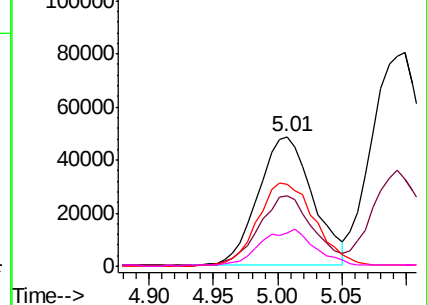


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.320 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX018109.D

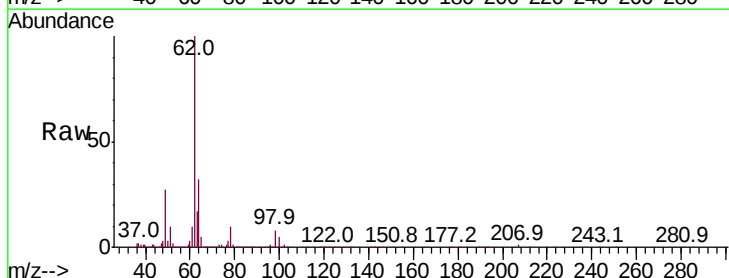
Acq: 28 Aug 2020 10:54

Tgt Ion: 62 Resp: 257350

Ion Ratio Lower Upper

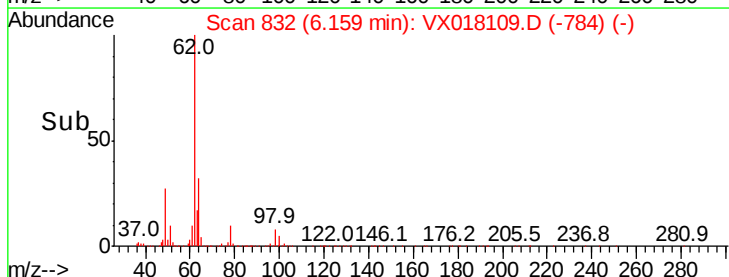
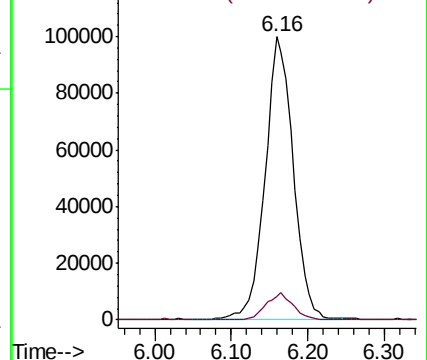
62 100

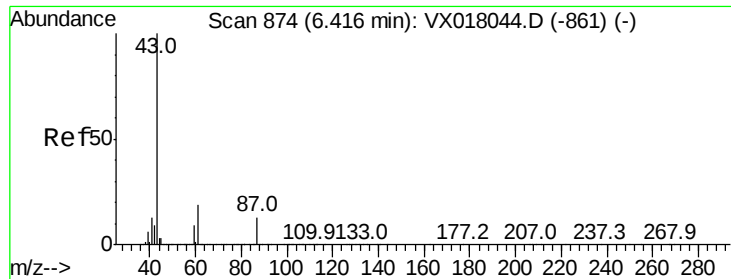
98 9.1 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



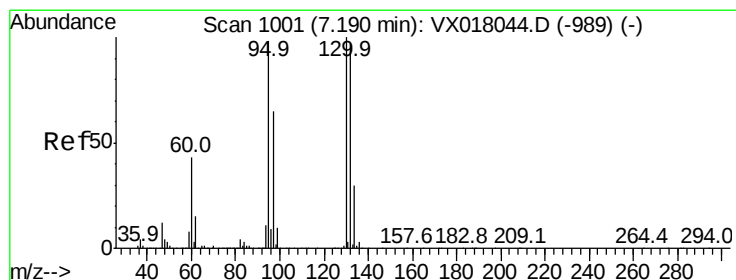
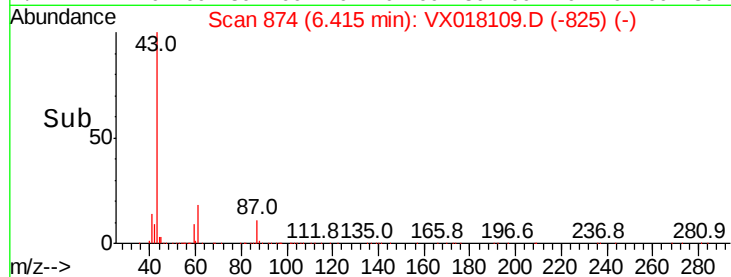
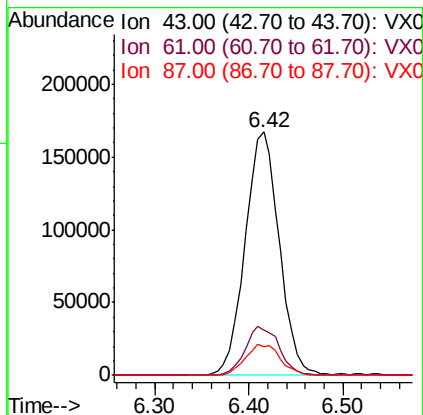
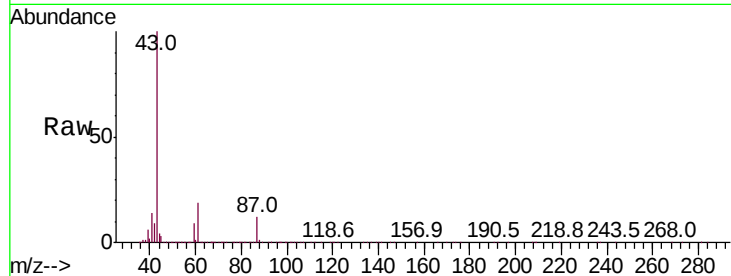


#43

Isopropyl Acetate
 Concen: 19.807 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX018109.D
 Acq: 28 Aug 2020 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828WBS01

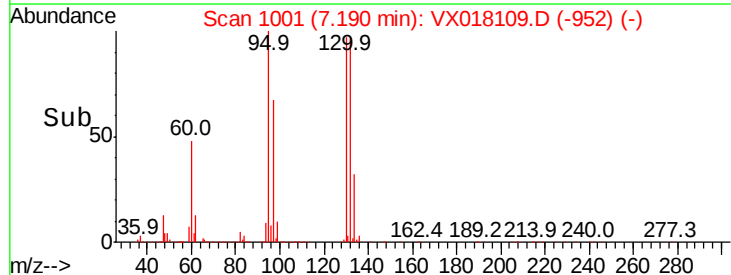
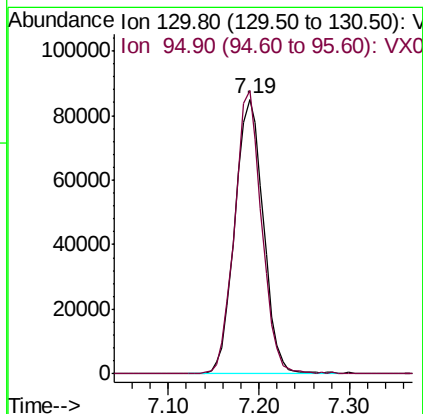
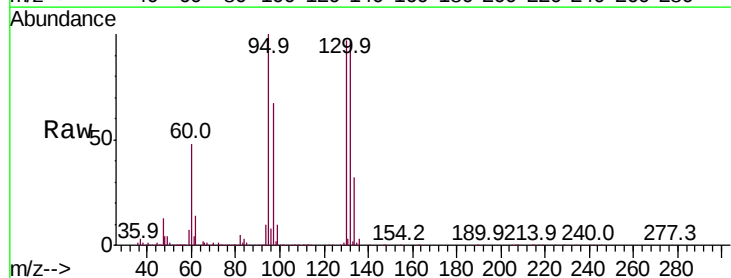
Tot Ion: 43 Resp: 418002
 Ion Ratio Lower Upper
 43 100
 61 20.3 15.7 23.5
 87 13.3 10.3 15.5

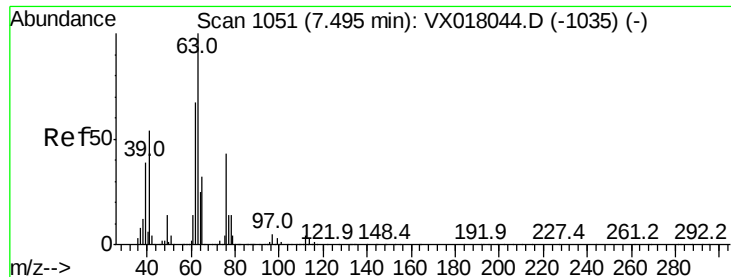


#44

Trichloroethene
 Concen: 19.929 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018109.D
 Acq: 28 Aug 2020 10:54

Tgt Ion: 130 Resp: 186136
 Ion Ratio Lower Upper
 130 100
 95 103.1 0.0 196.4





#45

1,2-Dichloropropane

Concen: 20.490 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

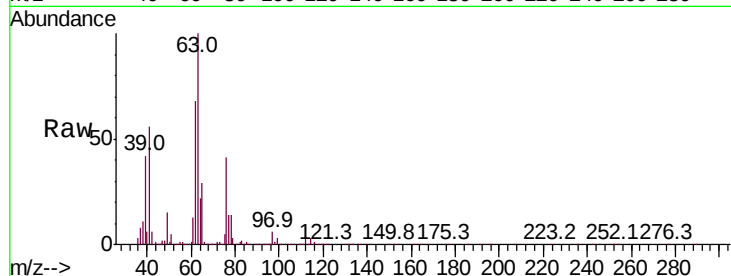
VX0828WBS01

Tot Ion: 63 Resp: 182548

Ion Ratio Lower Upper

63 100

65 28.6 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

100000

80000

60000

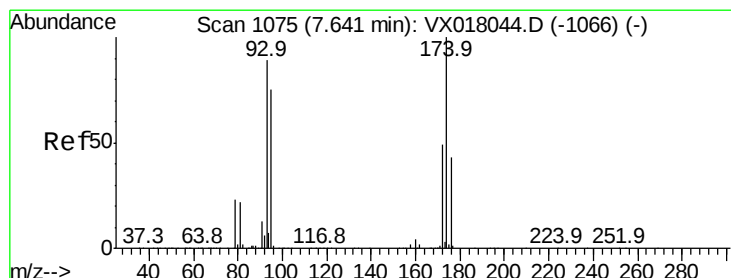
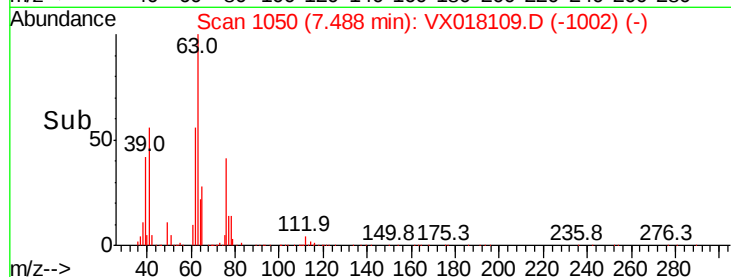
40000

20000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 19.317 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

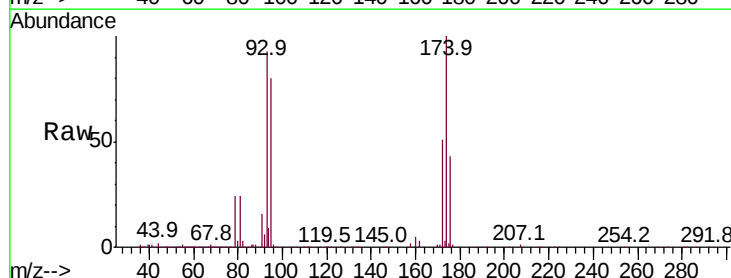
Tgt Ion: 93 Resp: 121024

Ion Ratio Lower Upper

93 100

95 84.2 67.3 100.9

174 99.2 82.2 123.2



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

80000

60000

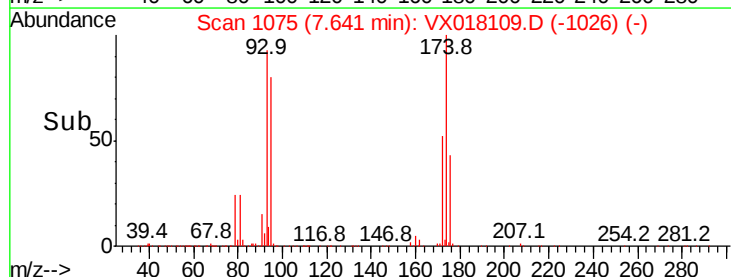
40000

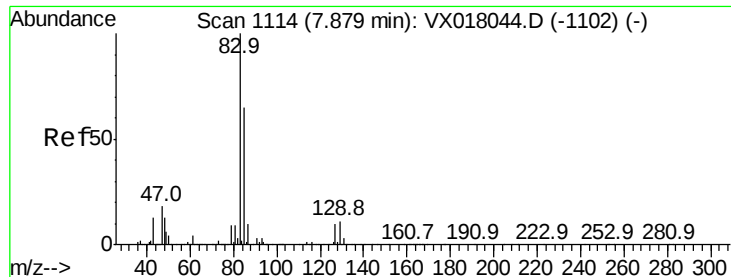
20000

0

Time-->

7.55 7.60 7.65 7.70





#47

Bromodichloromethane

Concen: 19.854 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0828WBS01

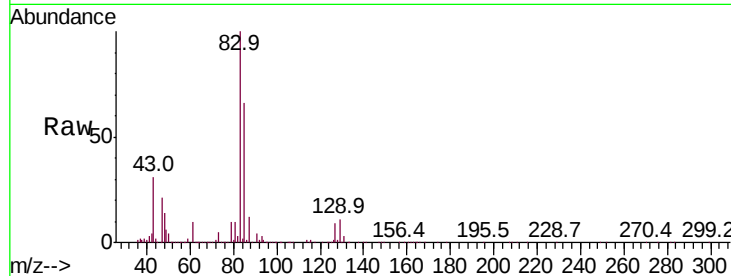
Tot Ion: 83 Resp: 248359

Ion Ratio Lower Upper

83 100

85 65.5 51.8 77.6

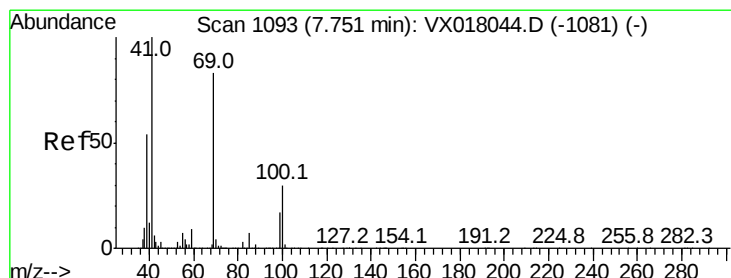
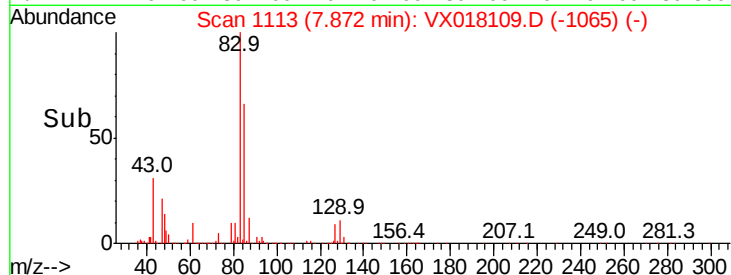
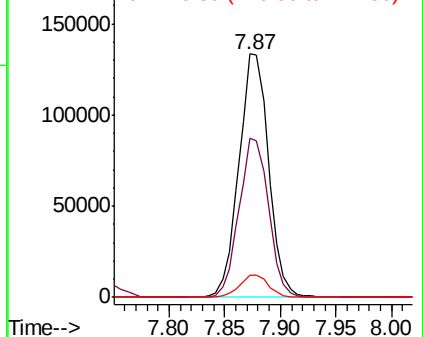
127 9.0 7.7 11.5



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: 19.778 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

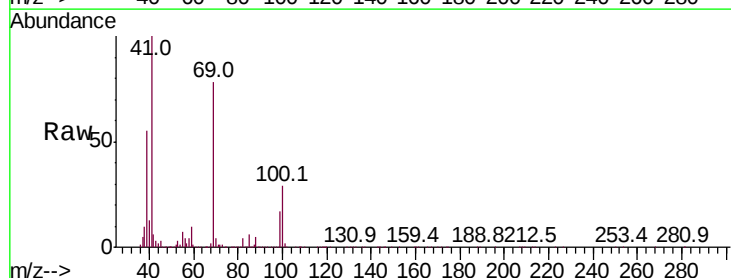
Tgt Ion: 41 Resp: 207774

Ion Ratio Lower Upper

41 100

69 80.0 65.5 98.3

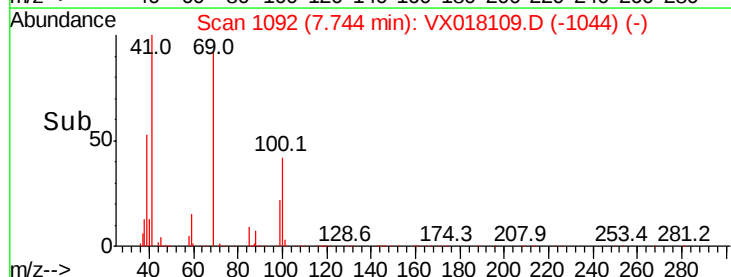
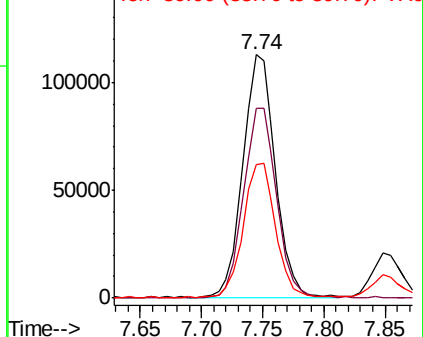
39 54.9 44.5 66.7

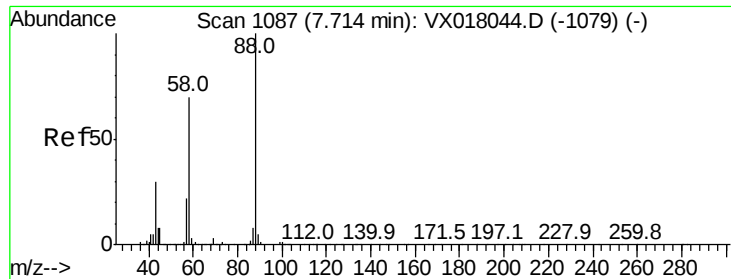


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 385.137 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

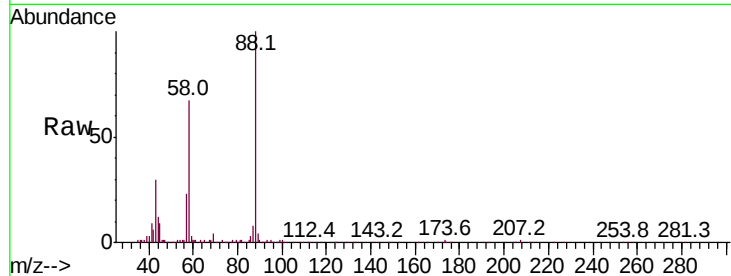
MSVOA_X

ClientSampleId :

VX0828WBS01

Tot Ion: 88 Resp: 73291

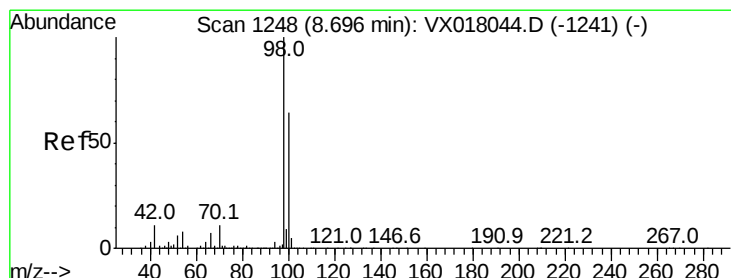
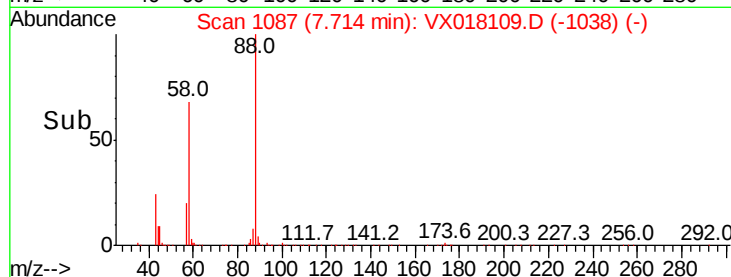
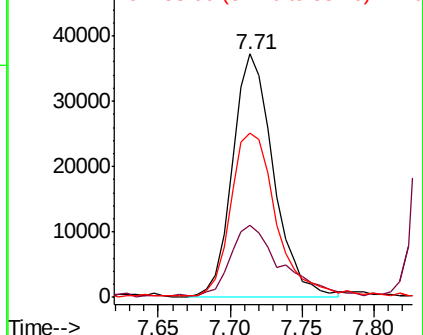
Ion	Ratio	Lower	Upper
88	100		
43	35.6	27.4	41.0
58	75.4	56.4	84.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.020 ug/l

RT: 8.70 min Scan# 1248

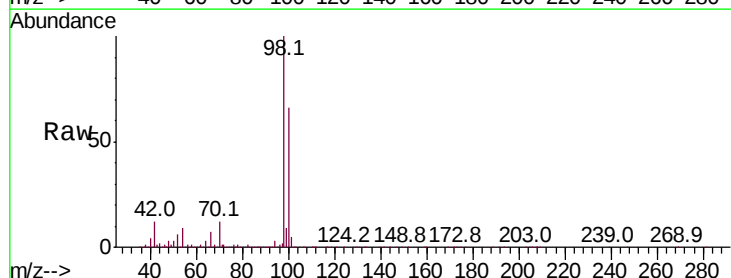
Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

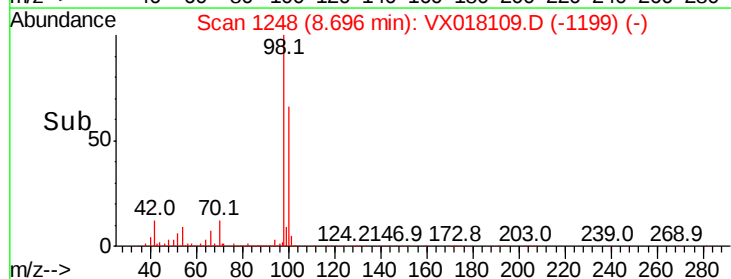
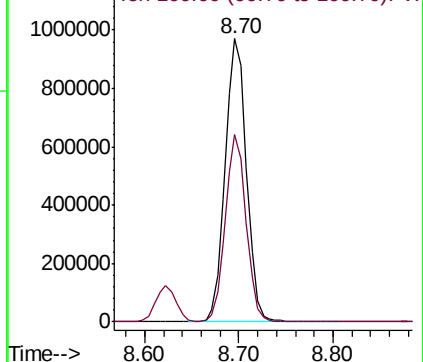
Tgt Ion: 98 Resp: 1516585

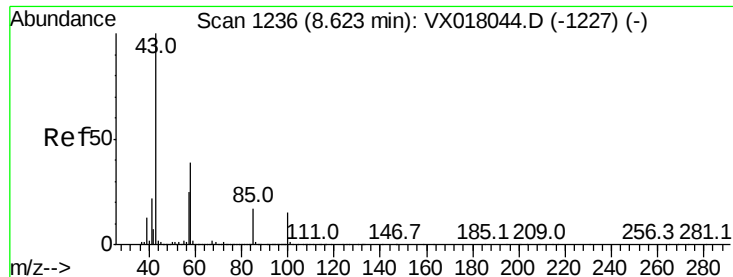
Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.4



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: 100.781 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

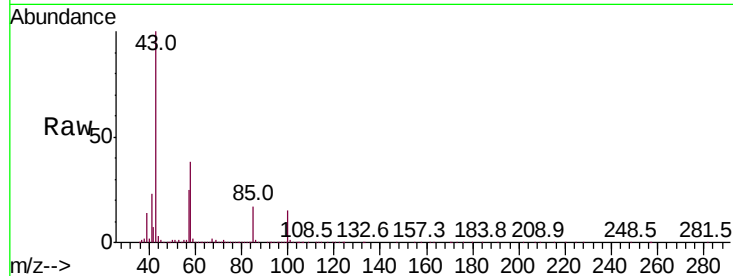
VX0828WBS01

Tot Ion: 43 Resp: 1313769

Ion Ratio Lower Upper

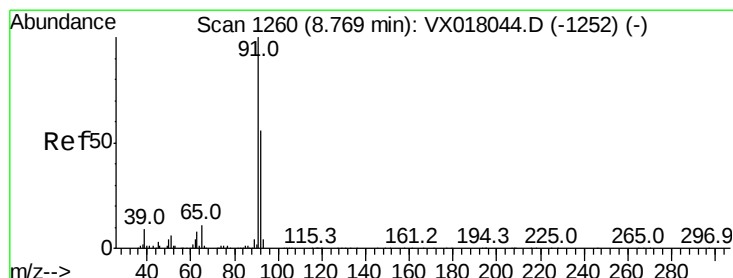
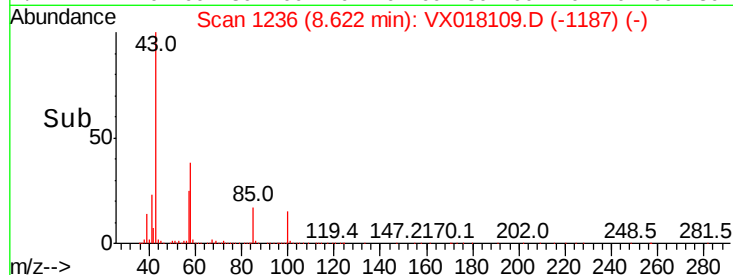
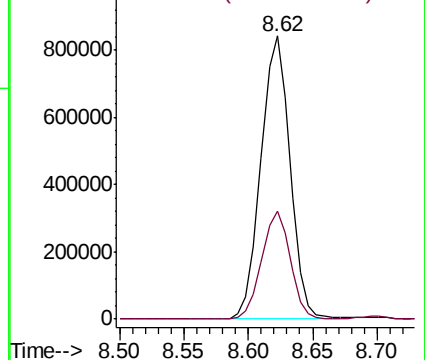
43 100

58 37.5 30.7 46.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.893 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018109.D

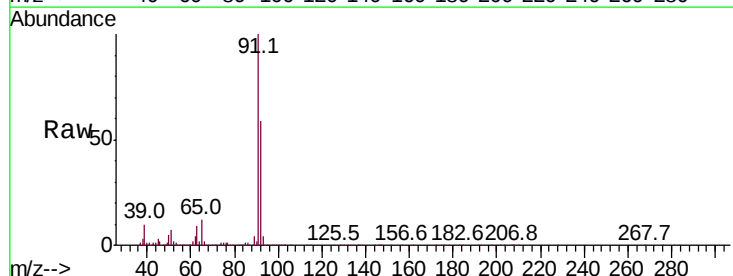
Acq: 28 Aug 2020 10:54

Tgt Ion: 92 Resp: 416970

Ion Ratio Lower Upper

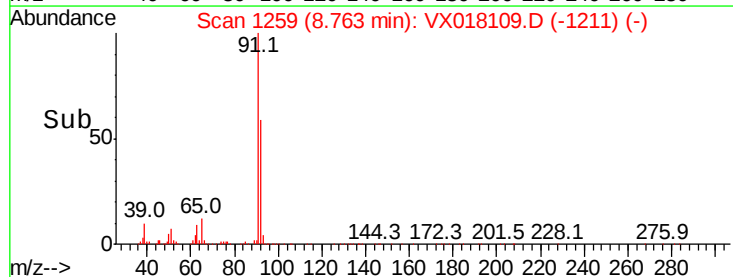
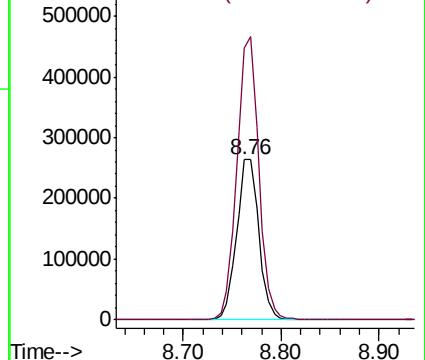
92 100

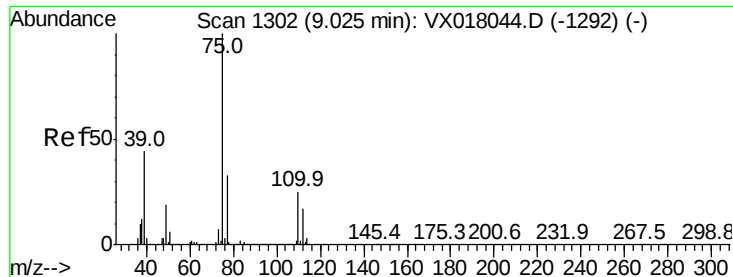
91 173.7 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 20.339 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

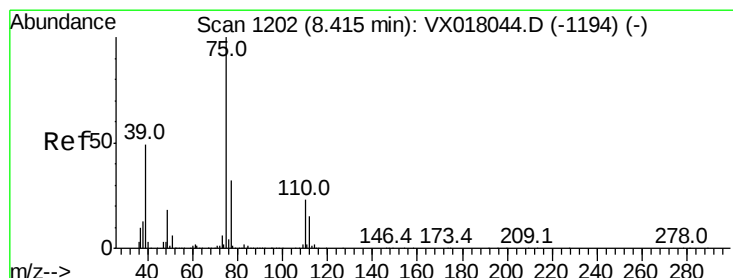
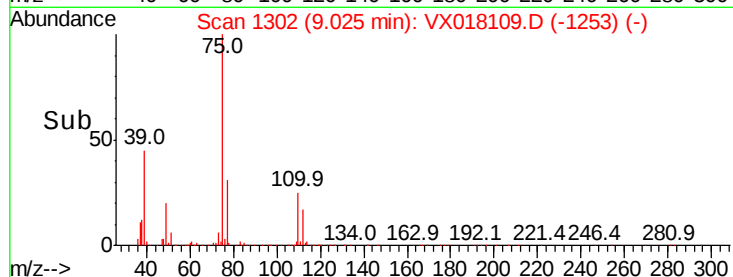
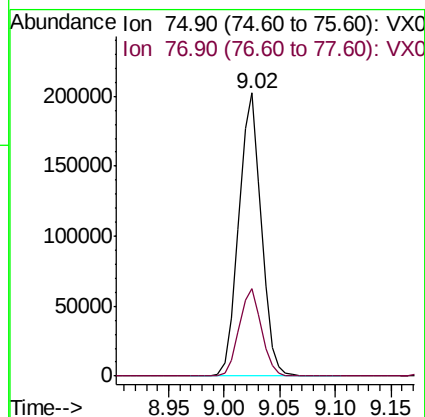
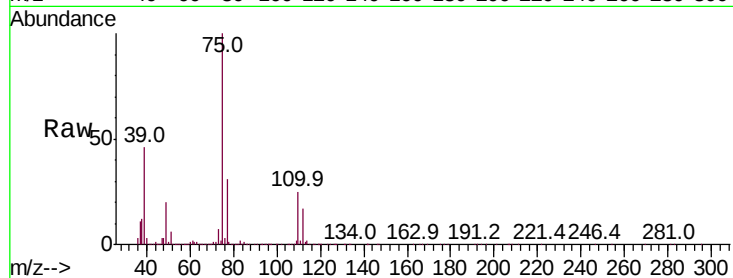
VX0828WBS01

Tot Ion: 75 Resp: 281984

Ion Ratio Lower Upper

75 100

77 30.7 26.6 39.8



#54

cis-1,3-Dichloropropene

Concen: 20.403 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

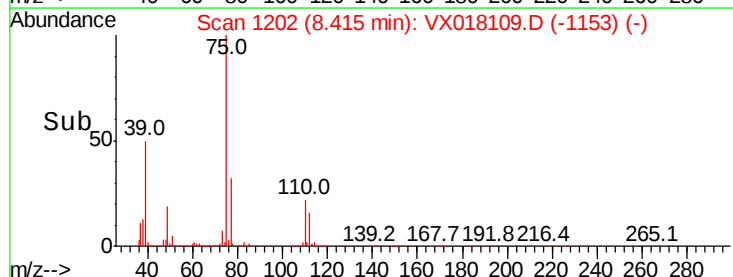
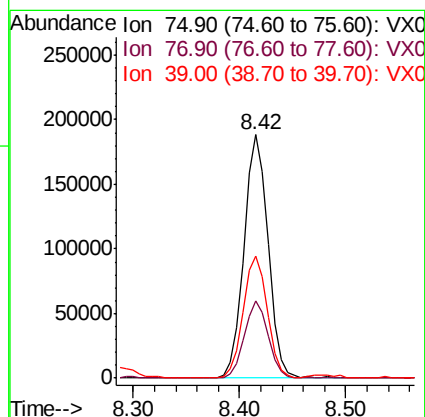
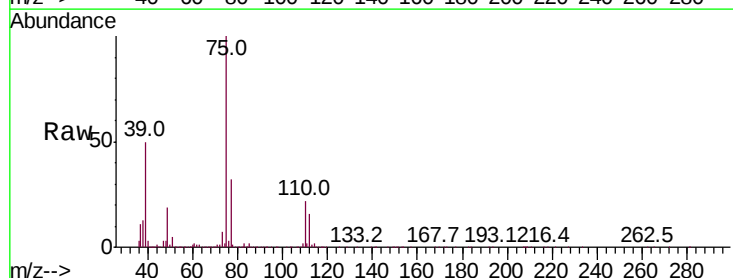
Tgt Ion: 75 Resp: 299652

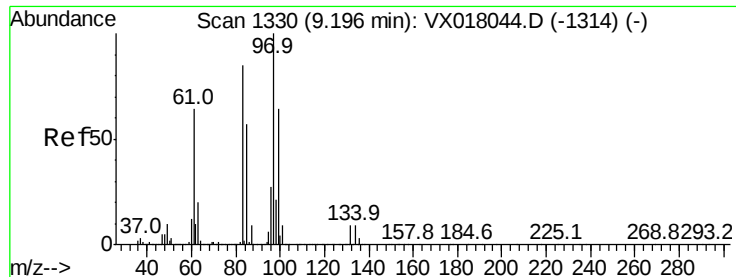
Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.8

39 49.9 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 19.782 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0828WBS01

Tot Ion: 97 Resp: 176841

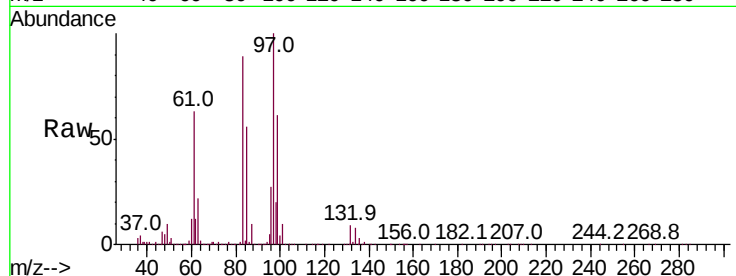
Ion Ratio Lower Upper

97 100

83 88.9 67.8 101.6

85 55.8 45.3 67.9

99 61.3 50.9 76.3

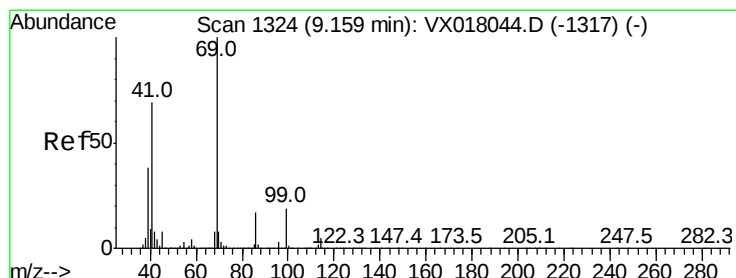
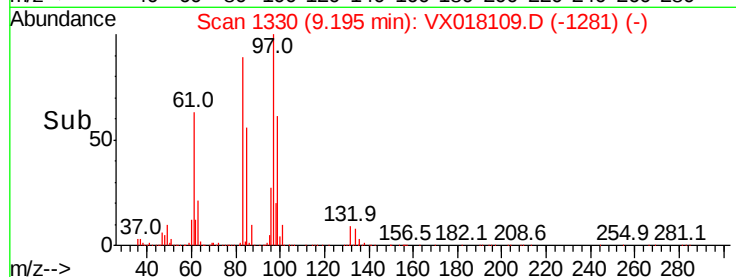
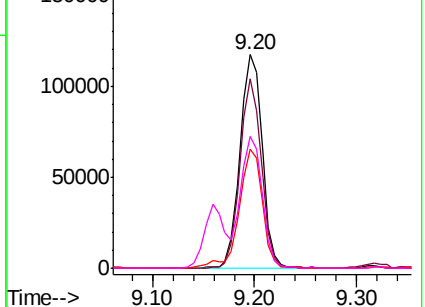


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.863 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

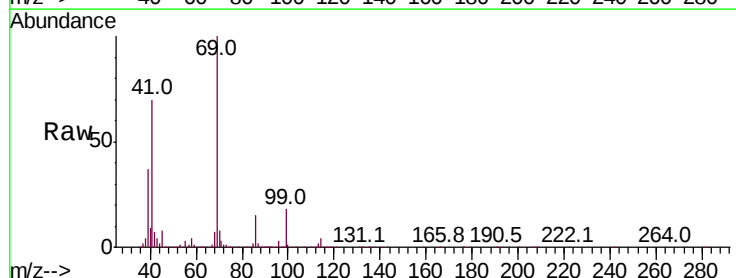
Tgt Ion: 69 Resp: 263977

Ion Ratio Lower Upper

69 100

41 69.0 54.6 81.8

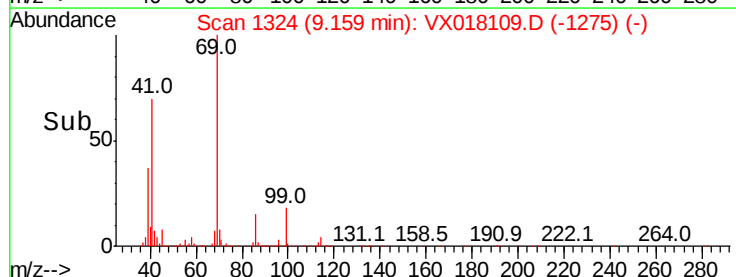
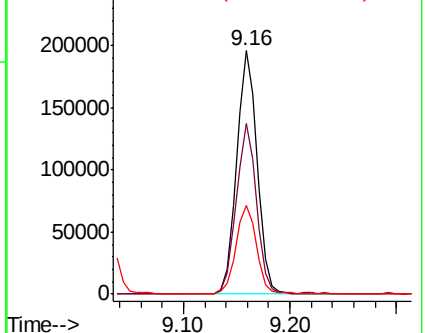
39 36.9 29.1 43.7

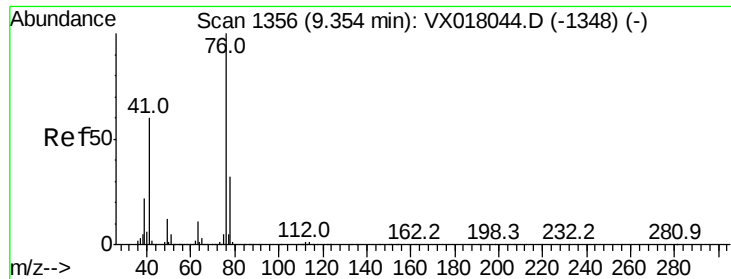


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.876 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

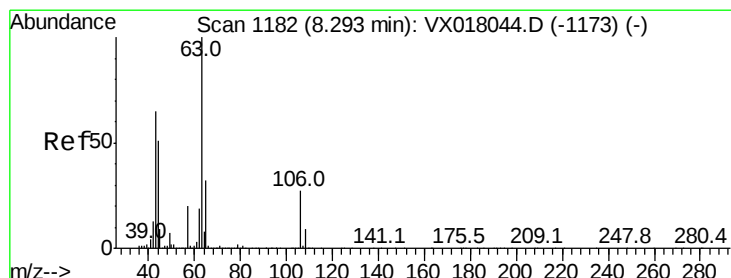
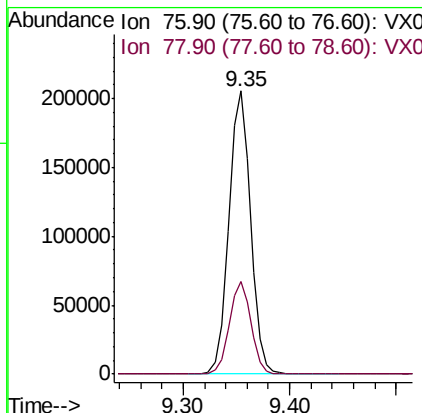
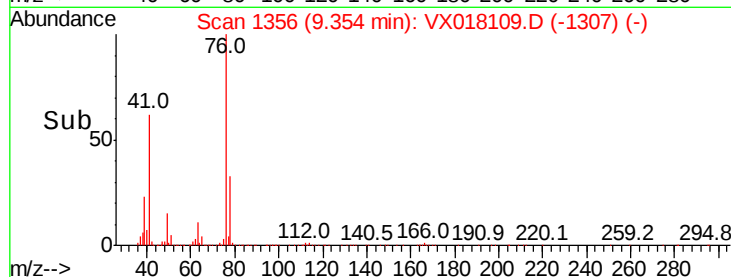
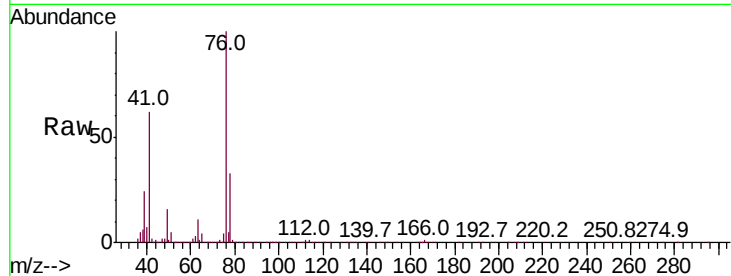
Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0828WBS01

Tot Ion: 76 Resp: 293067

Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.8	38.6



#58

2-Chloroethyl Vinyl ether

Concen: 94.987 ug/l

RT: 8.29 min Scan# 1182

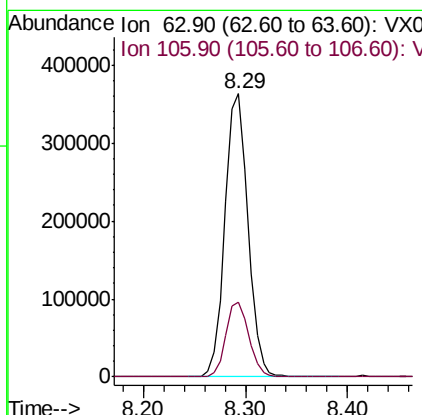
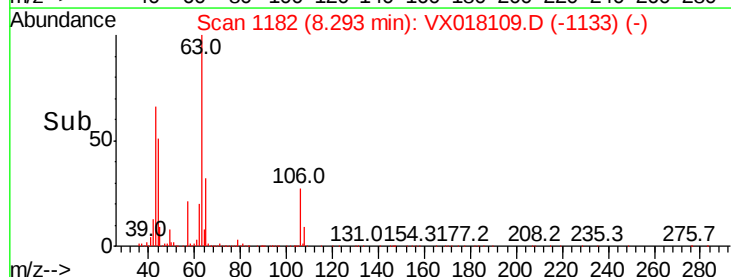
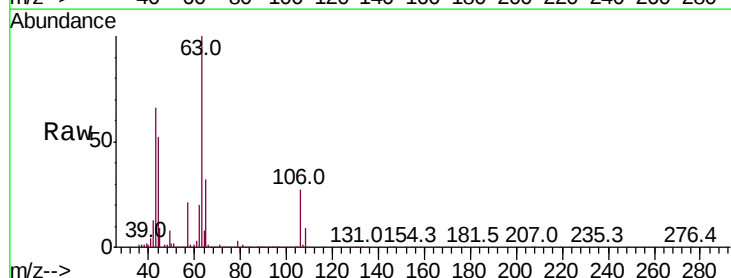
Delta R.T. -0.00 min

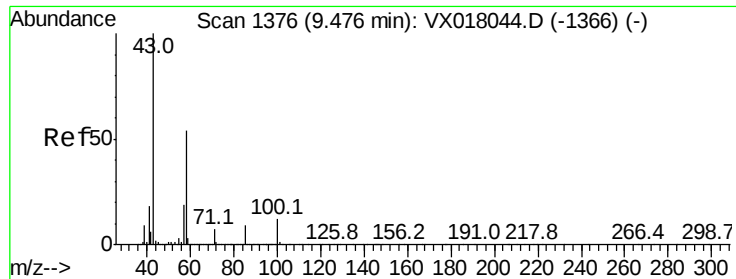
Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Tgt Ion: 63 Resp: 567854

Ion	Ratio	Lower	Upper
63	100		
106	26.6	22.1	33.1

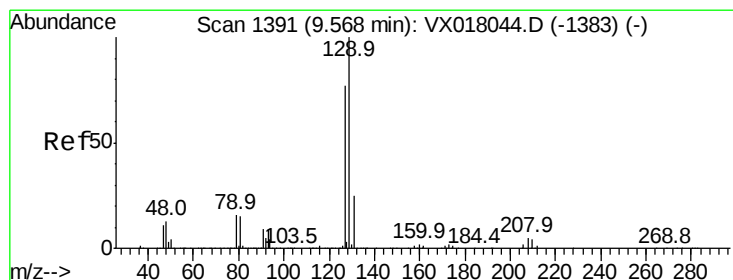
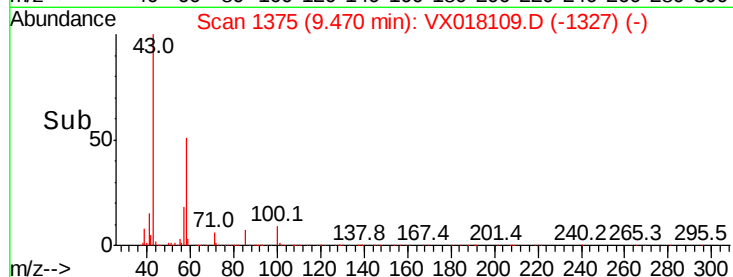
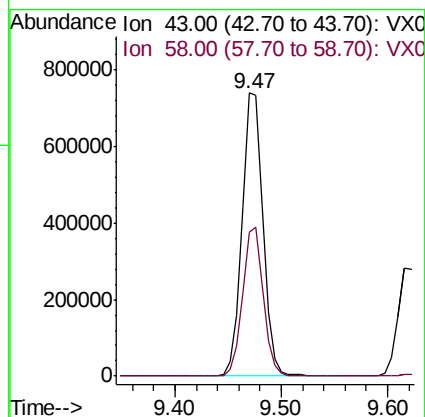
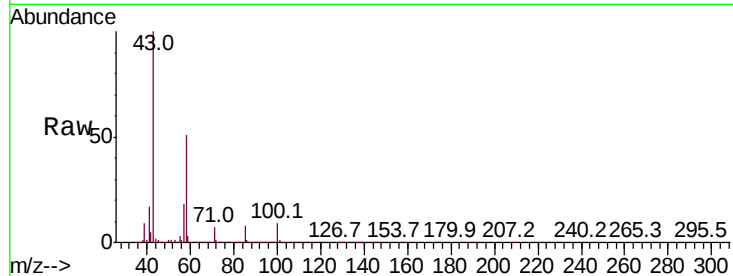




#59
2-Hexanone
Concen: 103.634 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

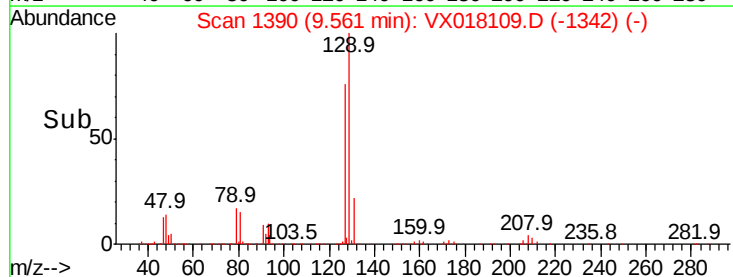
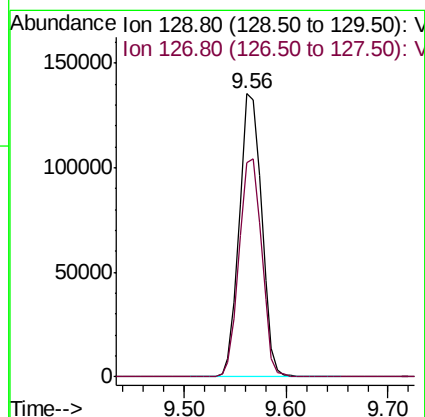
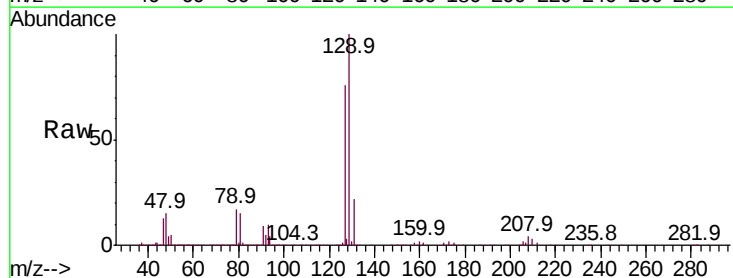
Instrument :
MSVOA_X
ClientSampleId :
VX0828WBS01

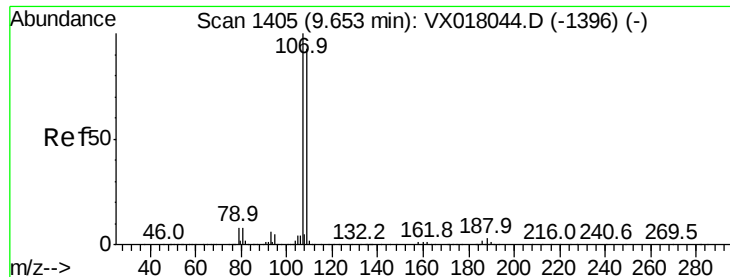
Tot Ion: 43 Resp: 1027246
Ion Ratio Lower Upper
43 100
58 51.8 26.6 79.7



#60
Dibromochloromethane
Concen: 19.518 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion: 129 Resp: 204682
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.6





#61

1,2-Dibromoethane

Concen: 19.164 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampled :

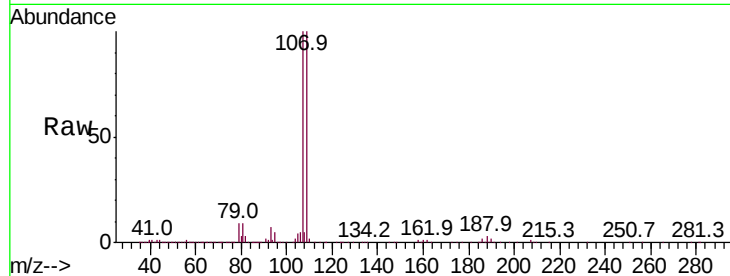
VX0828WBS01

Tot Ion:107 Resp: 185994

Ion Ratio Lower Upper

107 100

109 96.0 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

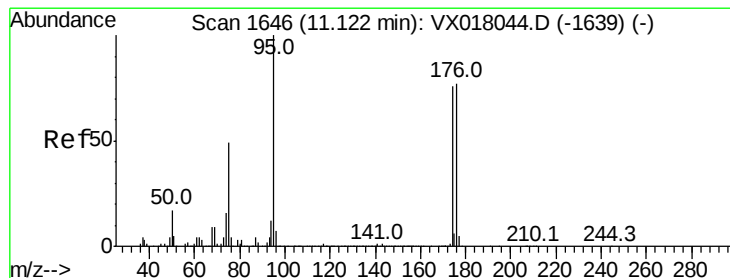
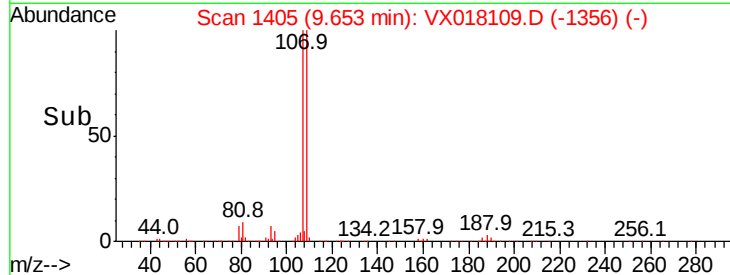
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.853 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

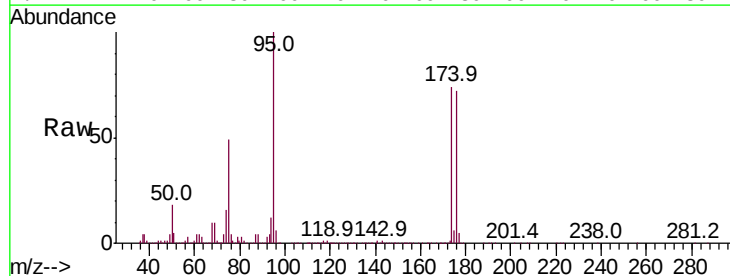
Tgt Ion: 95 Resp: 594660

Ion Ratio Lower Upper

95 100

174 74.9 0.0 160.2

176 73.7 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

600000

500000

400000

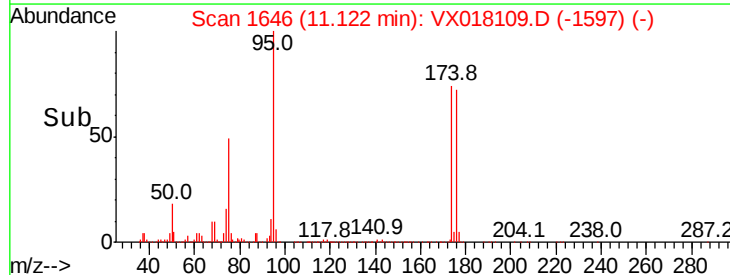
300000

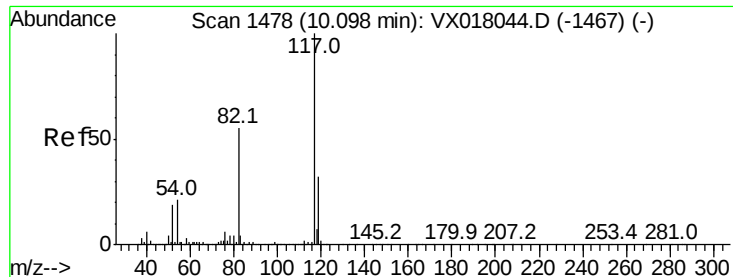
200000

100000

0

Time-->

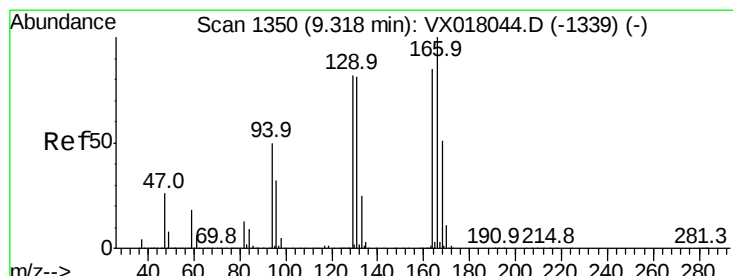
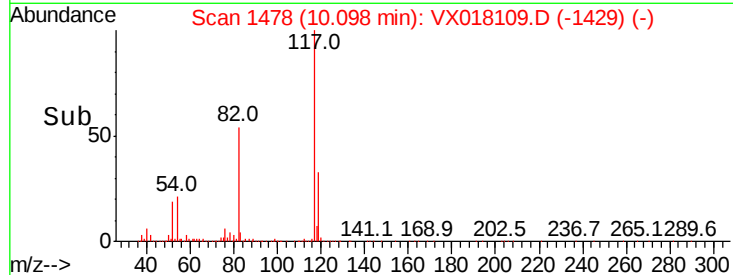
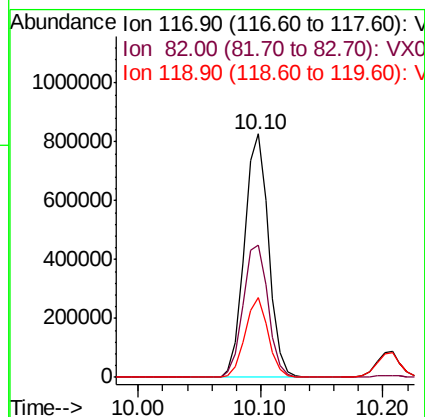
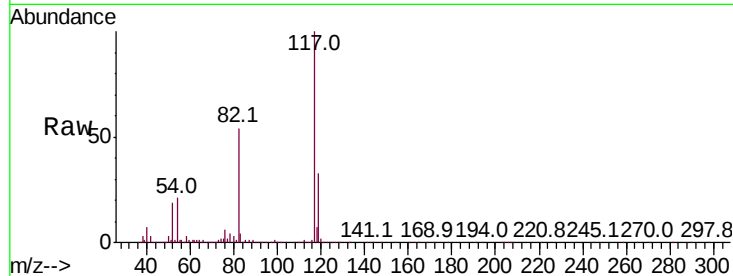




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

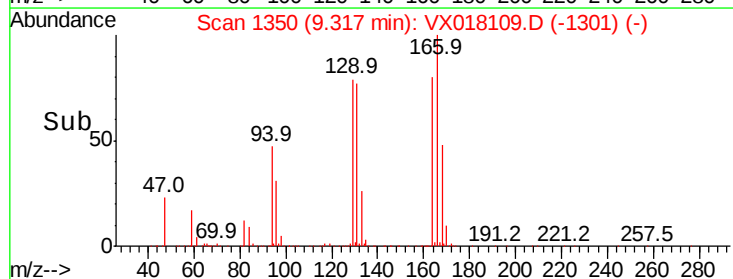
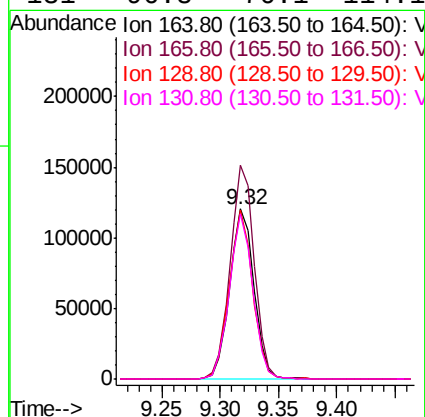
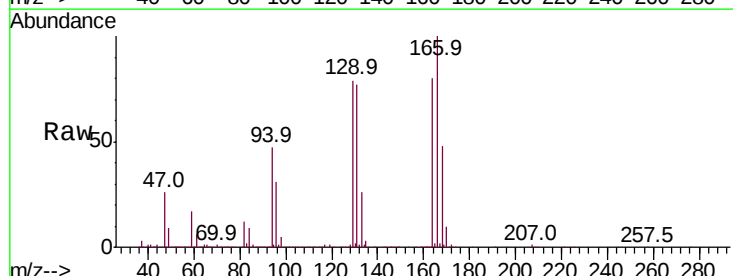
Instrument :
MSVOA_X
ClientSampled :
VX0828WBS01

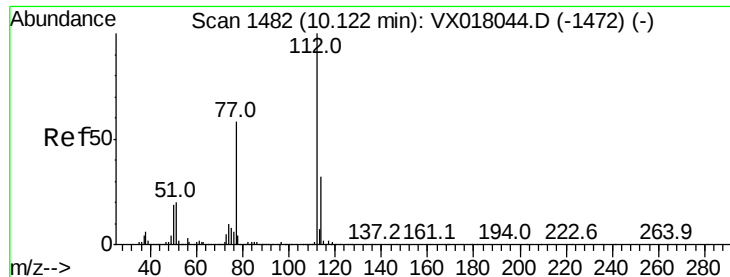
Tot Ion:117 Resp: 1129579
Ion Ratio Lower Upper
117 100
82 54.1 44.2 66.2
119 32.6 25.7 38.5



#64
Tetrachloroethene
Concen: 21.054 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion:164 Resp: 174764
Ion Ratio Lower Upper
164 100
166 125.5 94.2 141.2
129 98.9 76.9 115.3
131 96.8 76.1 114.1





#65

Chlorobenzene

Concen: 20.363 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

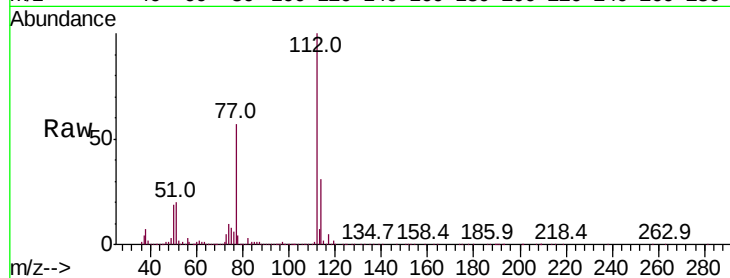
VX0828WBS01

Tot Ion:112 Resp: 459403

Ion Ratio Lower Upper

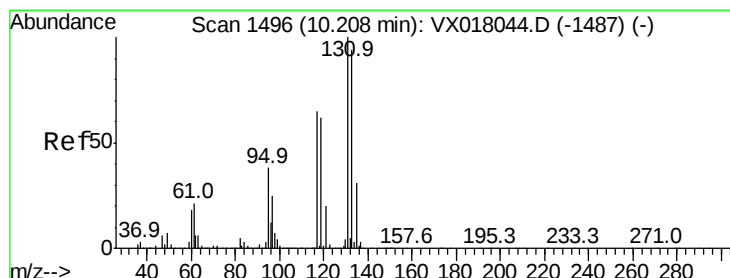
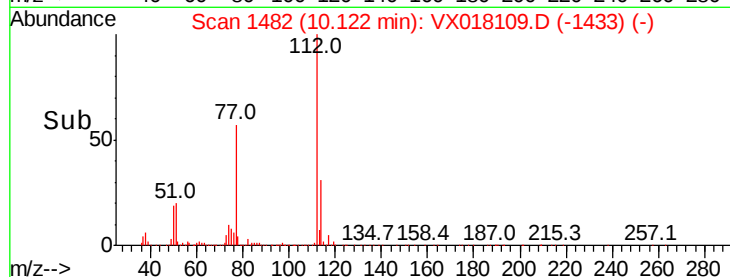
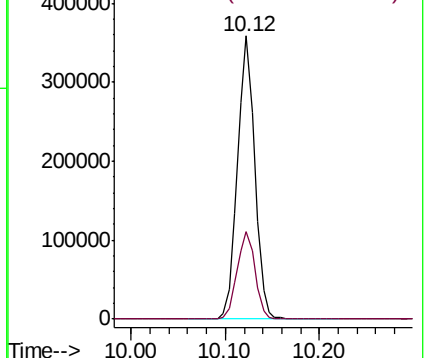
112 100

114 31.0 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.117 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

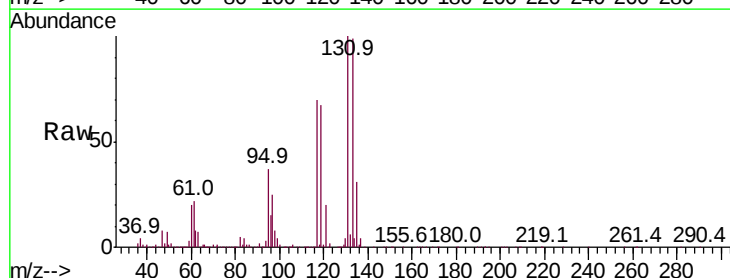
Tgt Ion:131 Resp: 178876

Ion Ratio Lower Upper

131 100

133 95.0 46.7 140.1

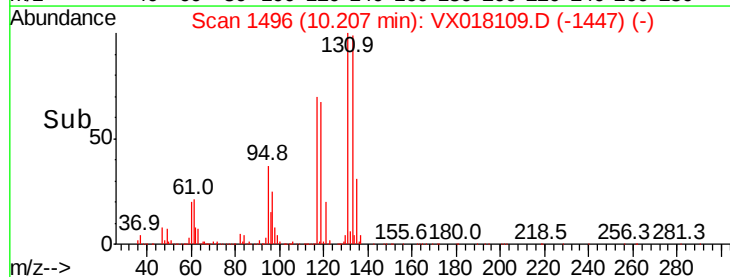
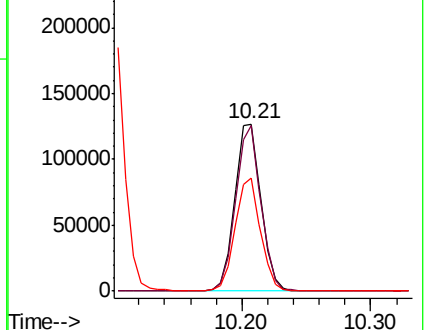
119 65.4 31.8 95.4

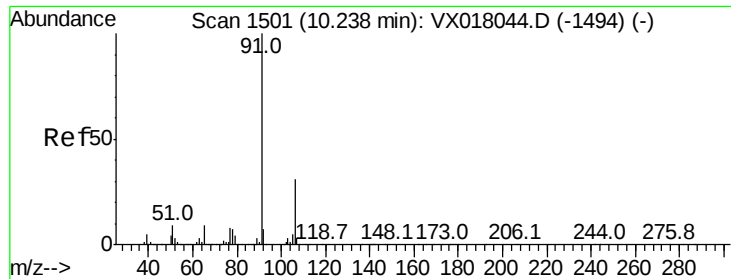


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

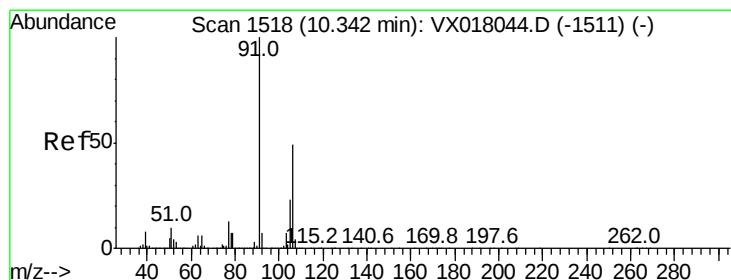
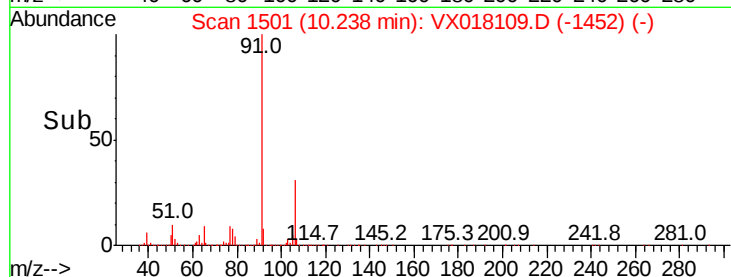
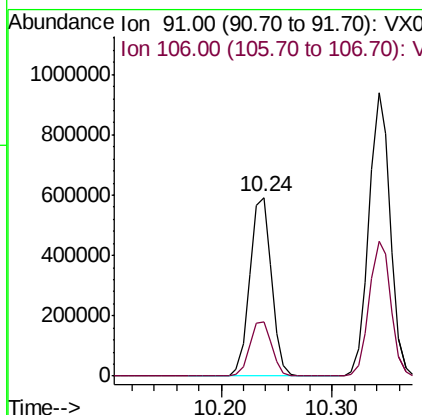
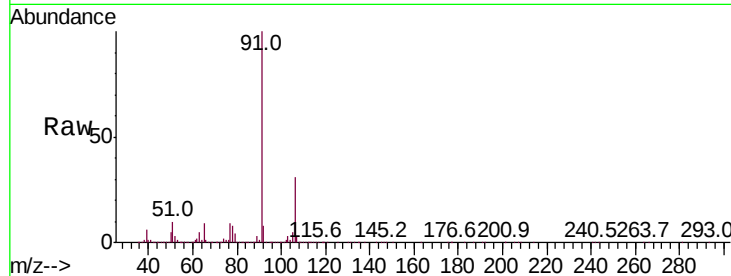




#67
Ethyl Benzene
Concen: 20.949 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

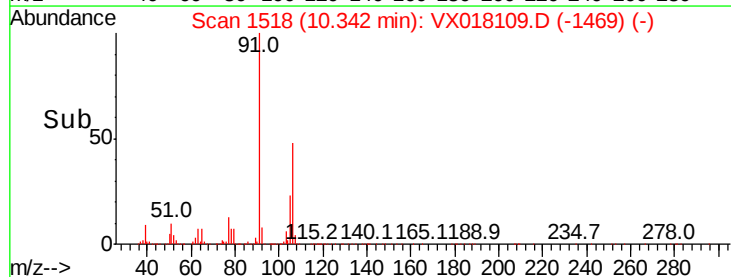
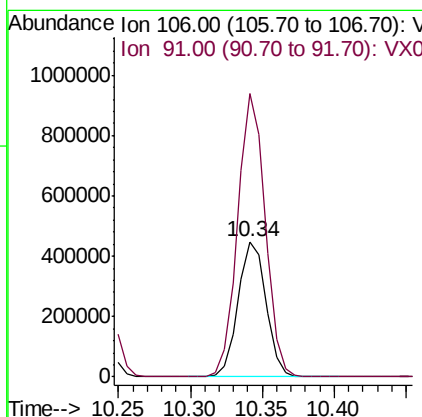
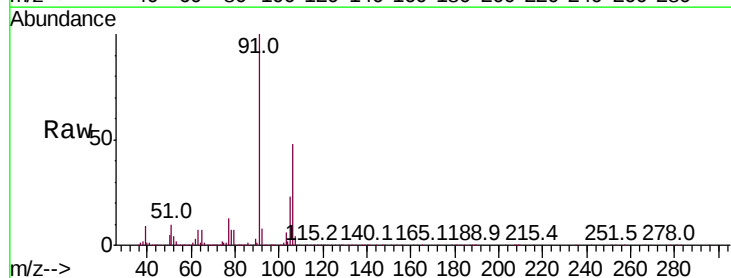
Instrument :
MSVOA_X
ClientSampled :
VX0828WBS01

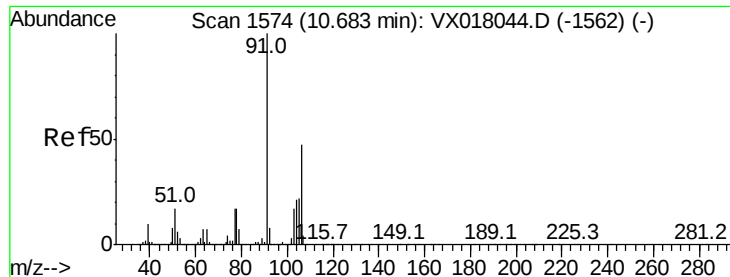
Tot Ion: 91 Resp: 803709
Ion Ratio Lower Upper
91 100
106 30.7 24.9 37.3



#68
m/p-Xylenes
Concen: 42.298 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion: 106 Resp: 605704
Ion Ratio Lower Upper
106 100
91 206.0 162.2 243.2

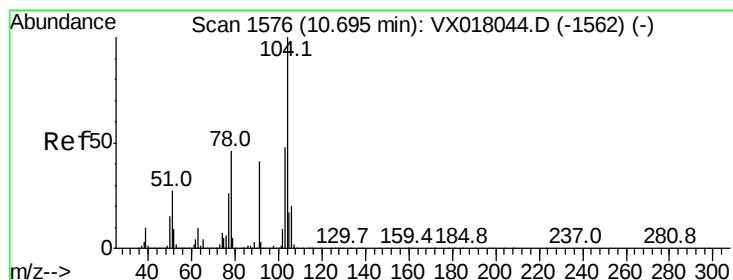
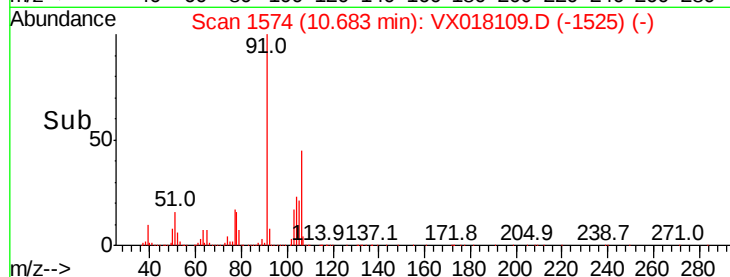
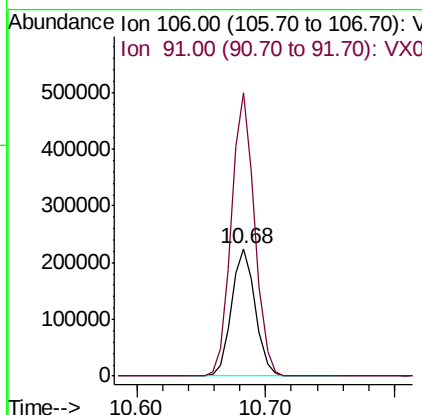
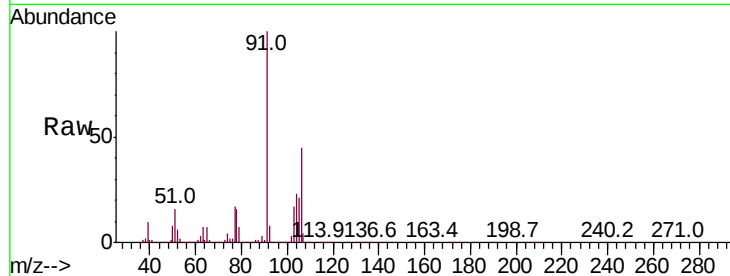




#69
o-Xylene
Concen: 20.899 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

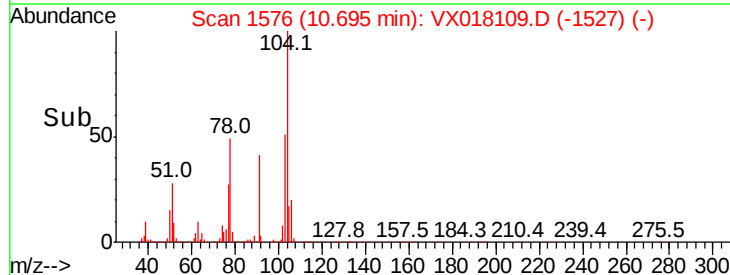
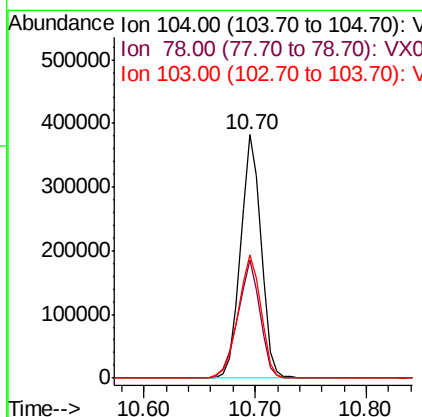
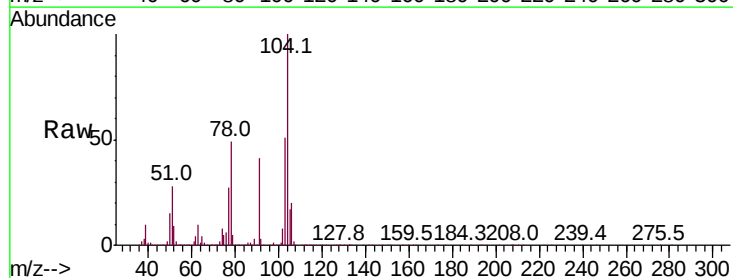
Instrument :
MSVOA_X
ClientSampled :
VX0828WBS01

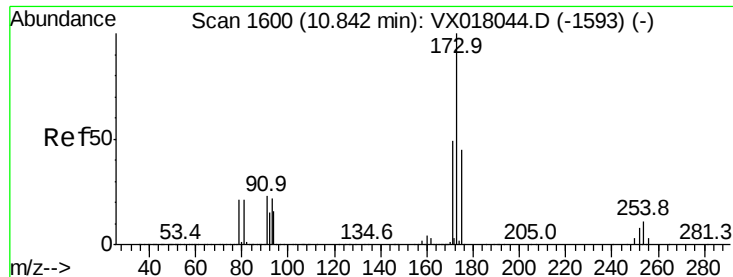
Tot Ion:106 Resp: 290111
Ion Ratio Lower Upper
106 100
91 217.0 107.1 321.3



#70
Styrene
Concen: 20.671 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion:104 Resp: 488673
Ion Ratio Lower Upper
104 100
78 52.3 40.9 61.3
103 56.2 43.6 65.4





#71

Bromoform

Concen: 19.098 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0828WBS01

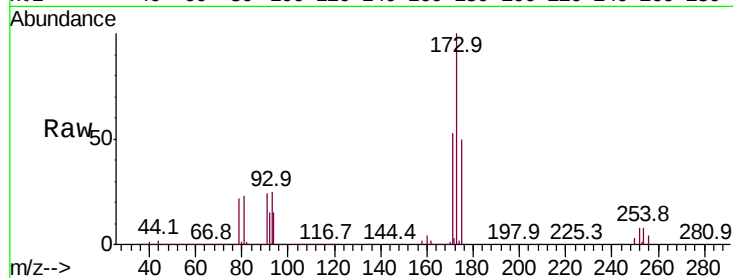
Tot Ion:173 Resp: 144845

Ion Ratio Lower Upper

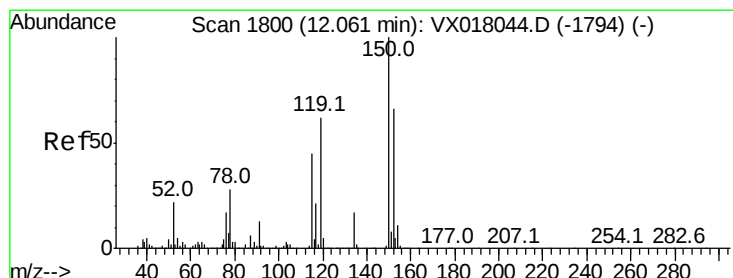
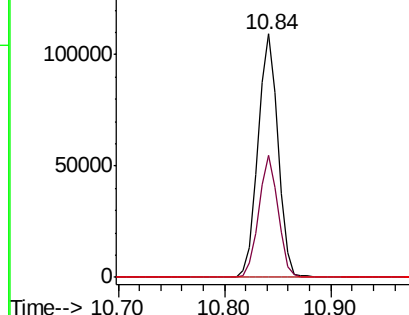
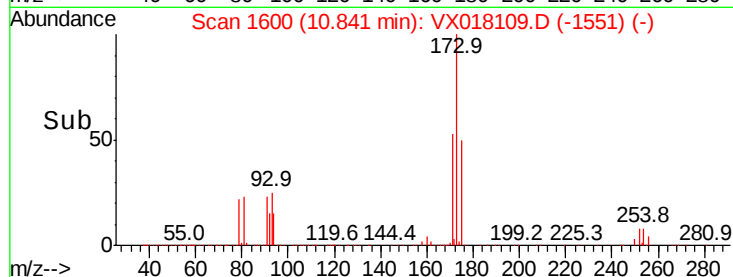
173 100

175 48.2 23.9 71.8

254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

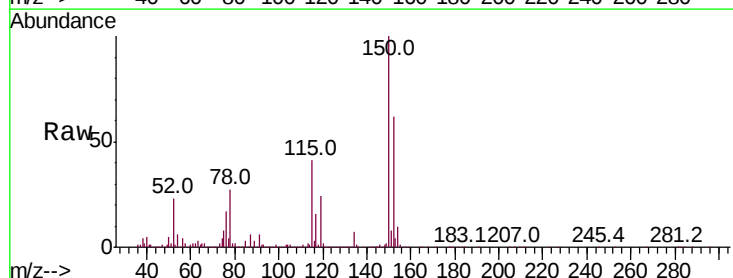
Tgt Ion:152 Resp: 533964

Ion Ratio Lower Upper

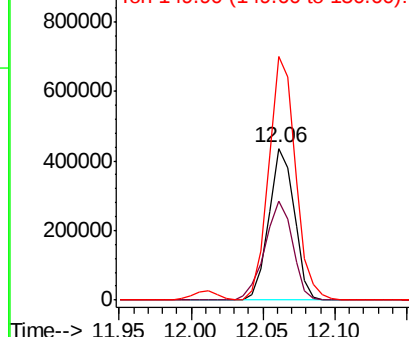
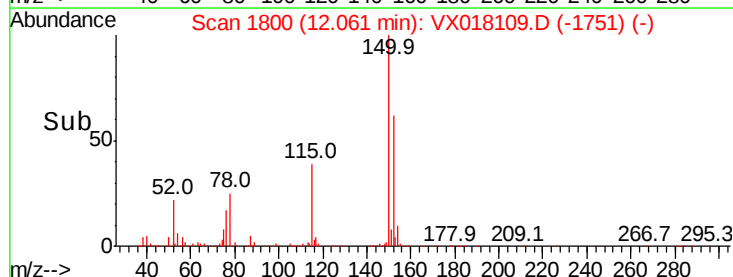
152 100

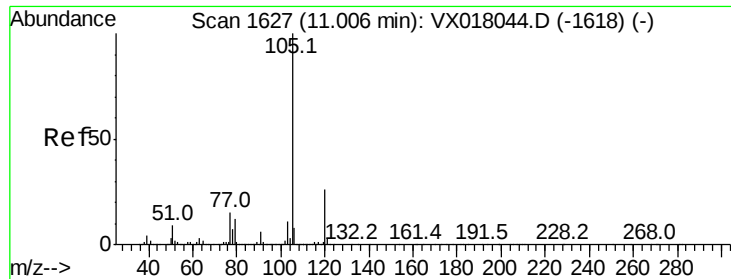
115 70.7 41.5 124.5

150 167.9 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: 22.040 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

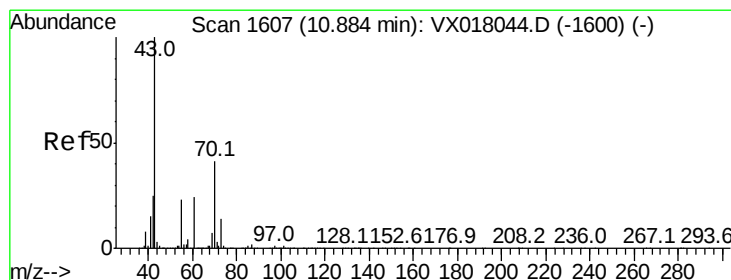
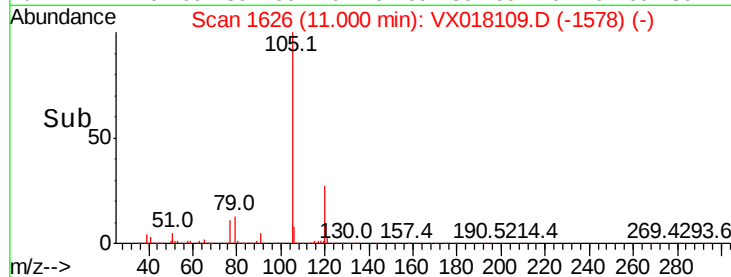
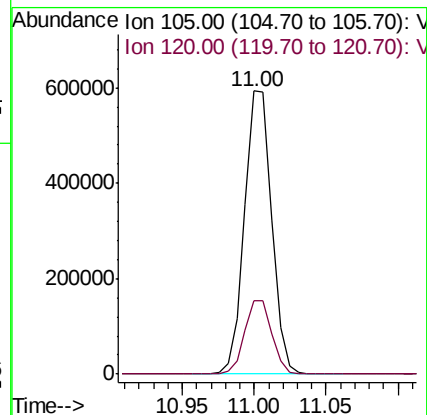
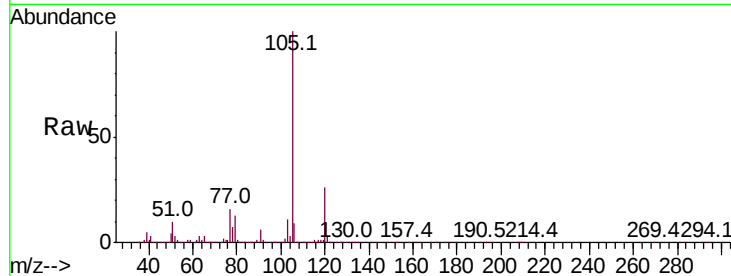
VX0828WBS01

Tot Ion:105 Resp: 776253

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5



#74

N-ethyl acetate

Concen: 22.084 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Tgt Ion: 43 Resp: 369042

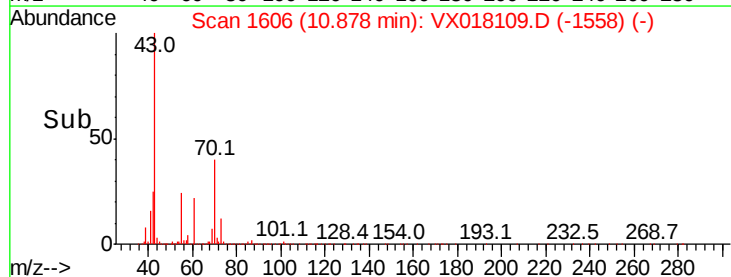
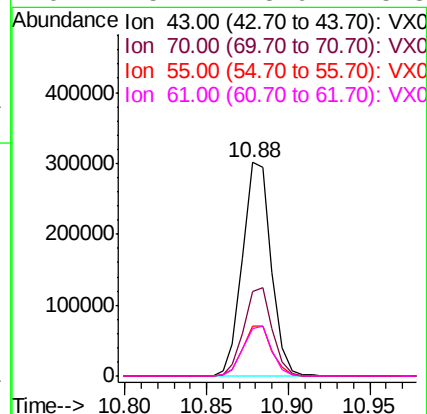
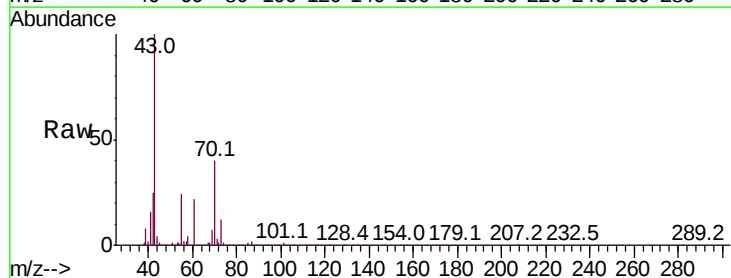
Ion Ratio Lower Upper

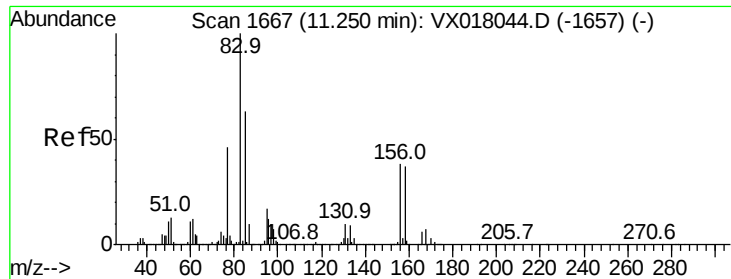
43 100

70 41.0 32.3 48.5

55 23.8 18.2 27.2

61 23.4 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.543 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0828WBS01

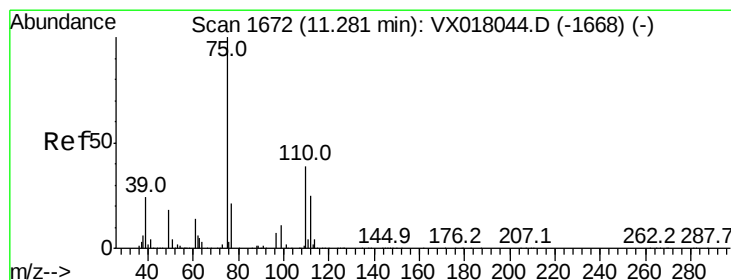
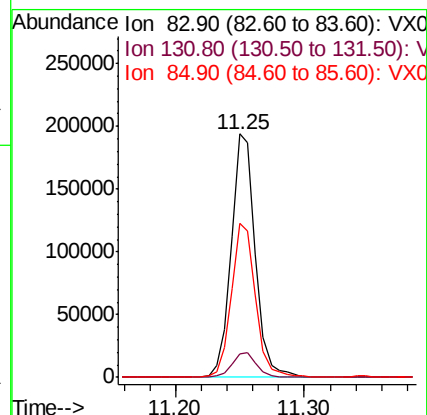
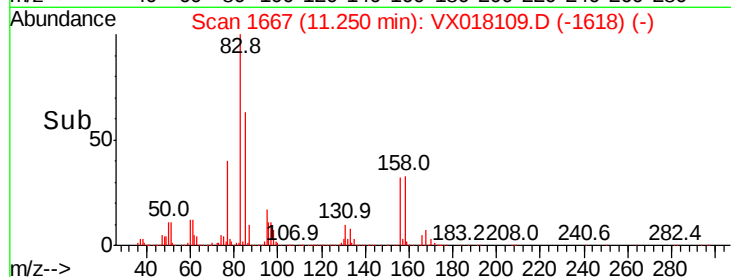
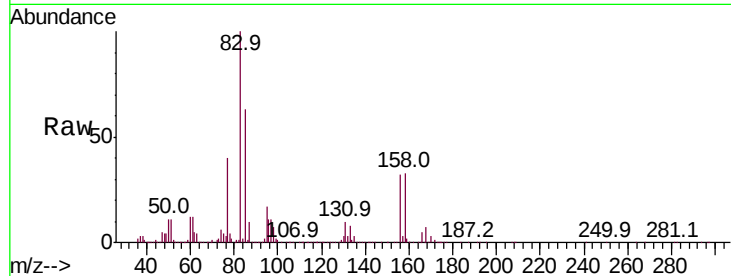
Tot Ion: 83 Resp: 255245

Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.1	15.4
85	63.5	32.2	96.6

83 100

131 10.4 5.1 15.4

85 63.5 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 26.955 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018109.D

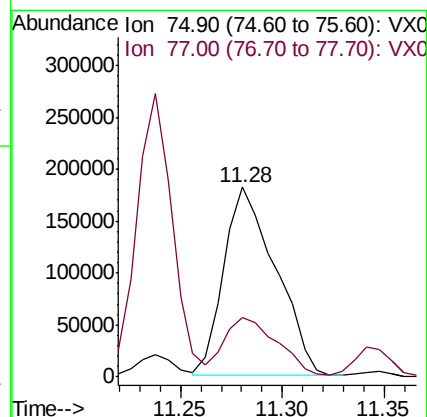
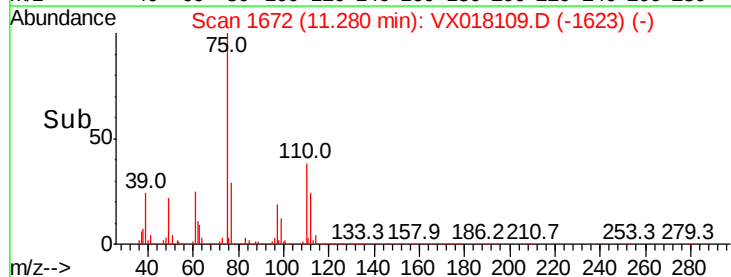
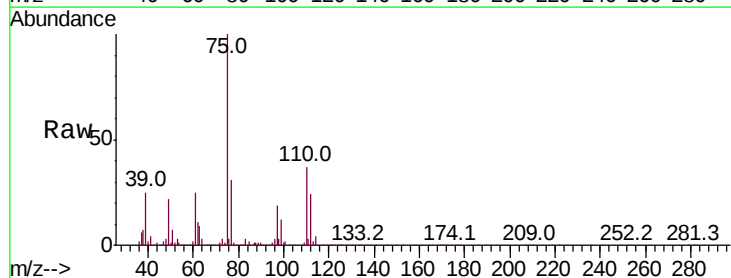
Acq: 28 Aug 2020 10:54

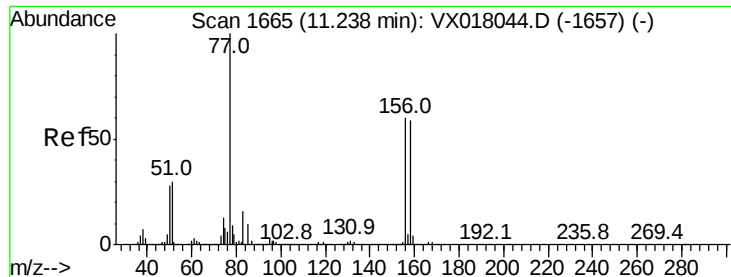
Tgt Ion: 75 Resp: 320178

Ion	Ratio	Lower	Upper
75	100		
77	32.4	20.8	62.2

75 100

77 32.4 20.8 62.2





#77

Bromobenzene

Concen: 20.400 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0828WBS01

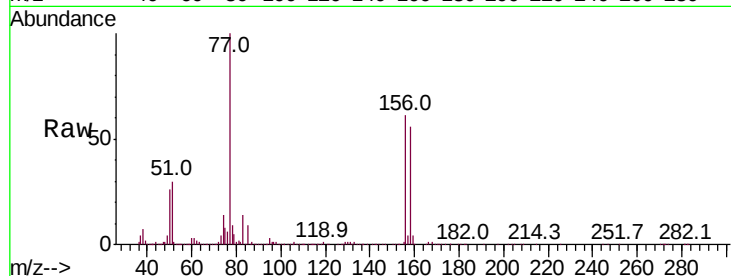
Tot Ion:156 Resp: 198605

Ion Ratio Lower Upper

156 100

77 167.2 80.0 240.2

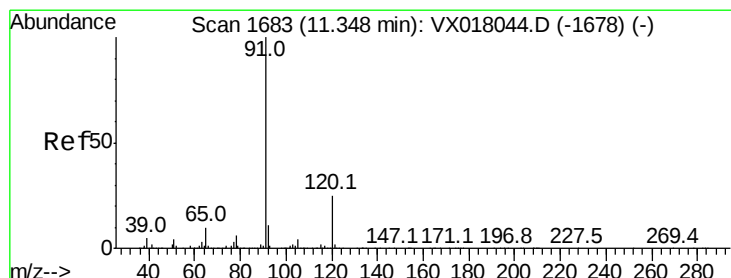
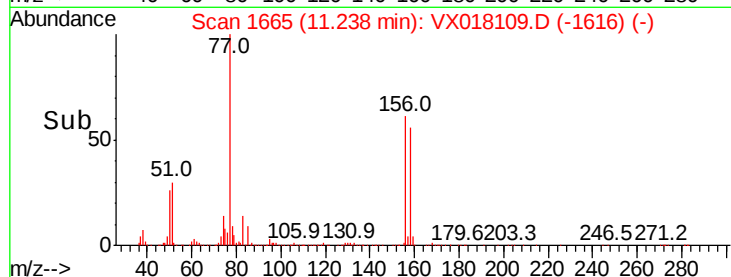
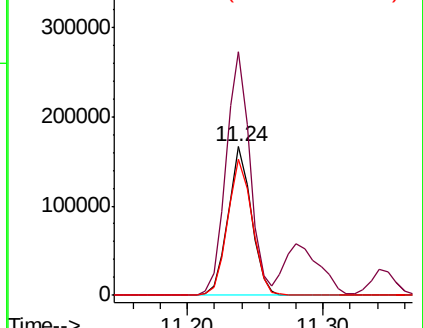
158 96.5 49.5 148.7



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: 22.116 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018109.D

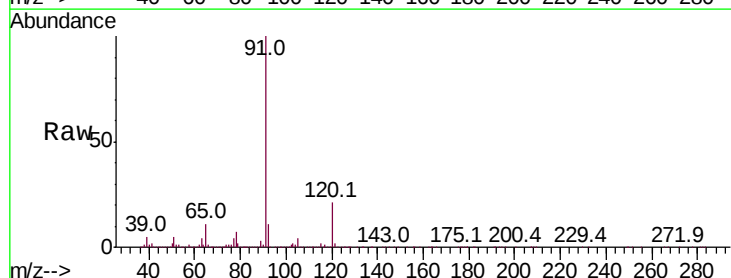
Acq: 28 Aug 2020 10:54

Tgt Ion: 91 Resp: 884457

Ion Ratio Lower Upper

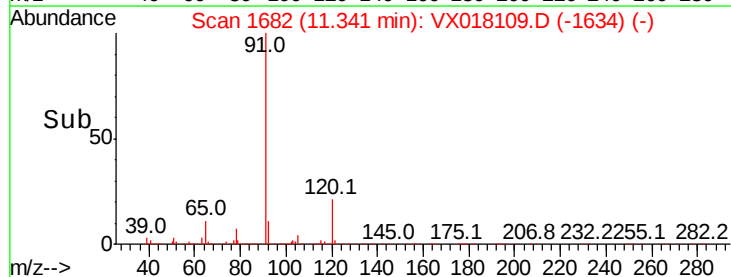
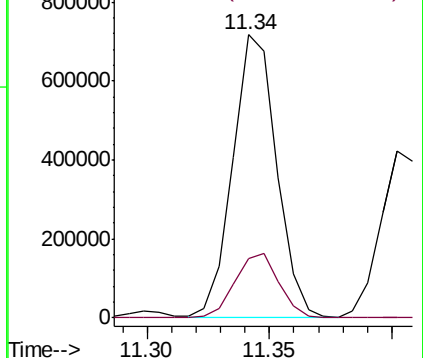
91 100

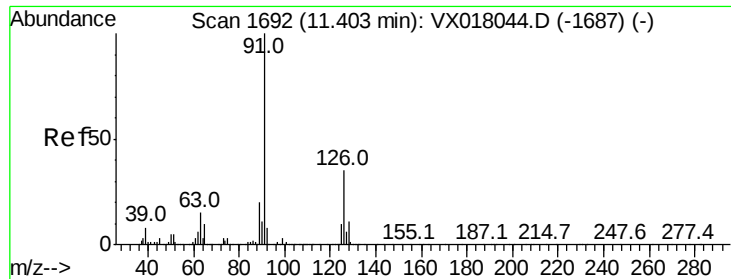
120 23.0 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.757 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

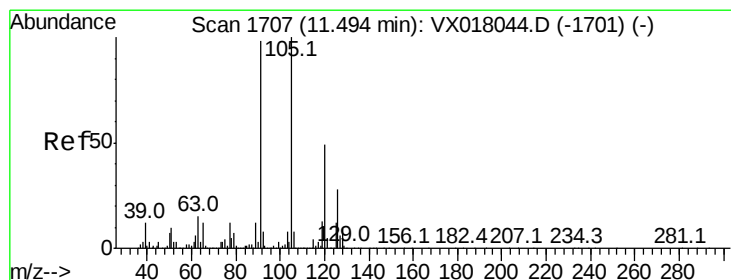
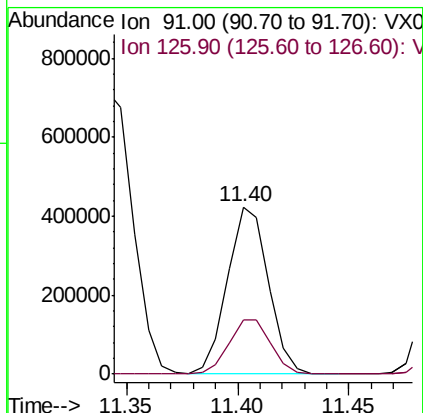
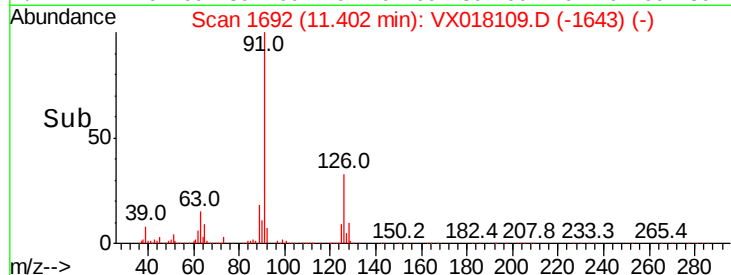
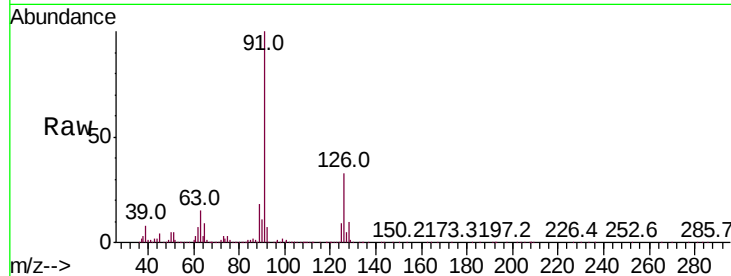
VX0828WBS01

Tot Ion: 91 Resp: 537564

Ion Ratio Lower Upper

91 100

126 34.4 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 22.353 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018109.D

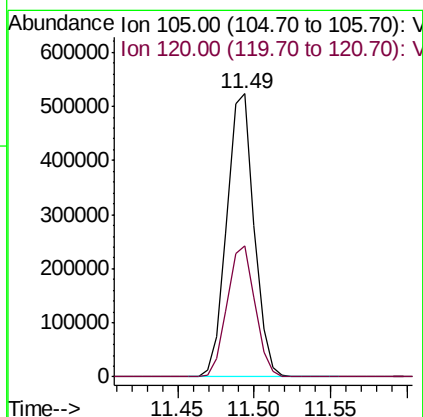
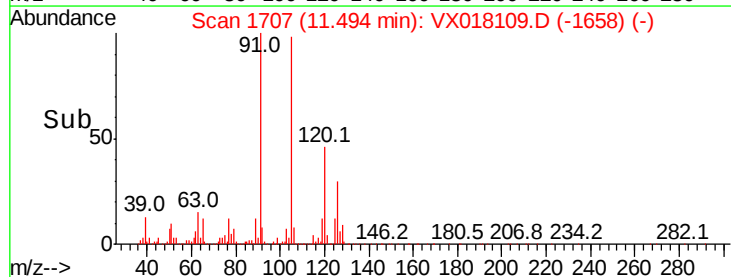
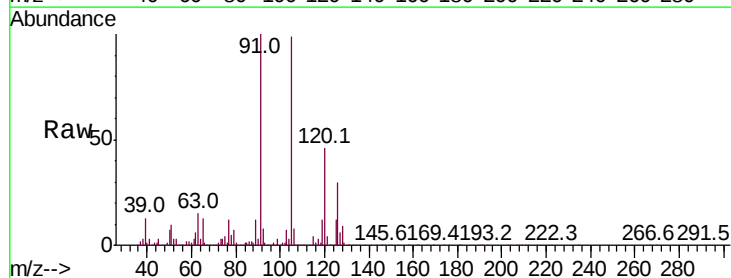
Acq: 28 Aug 2020 10:54

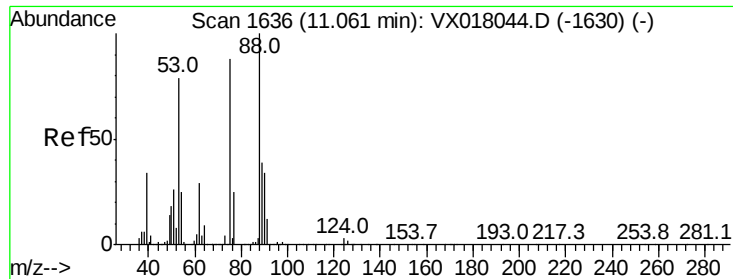
Tgt Ion: 105 Resp: 646961

Ion Ratio Lower Upper

105 100

120 47.2 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 22.241 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0828WBS01

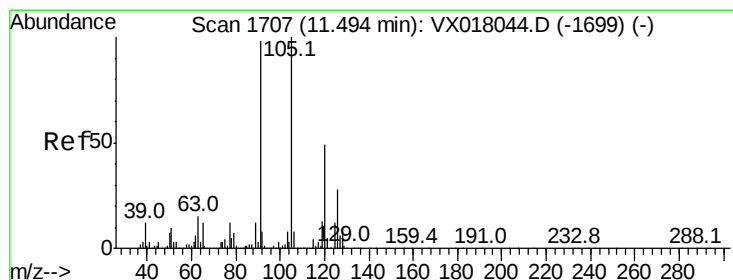
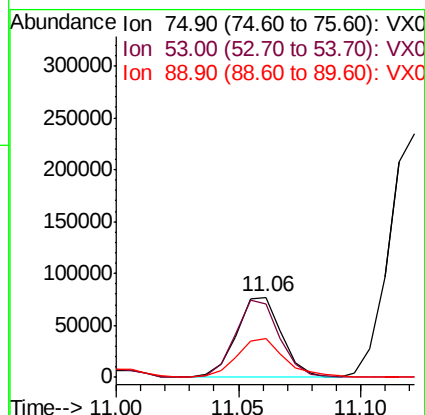
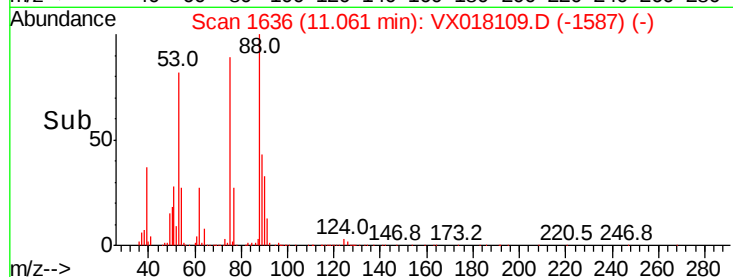
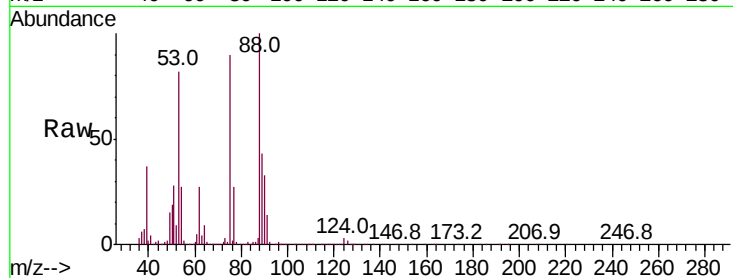
Tot Ion: 75 Resp: 97816

Ion Ratio Lower Upper

75 100

53 94.3 74.7 112.1

89 51.3 36.6 54.8



#82

4-Chlorotoluene

Concen: 21.830 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018109.D

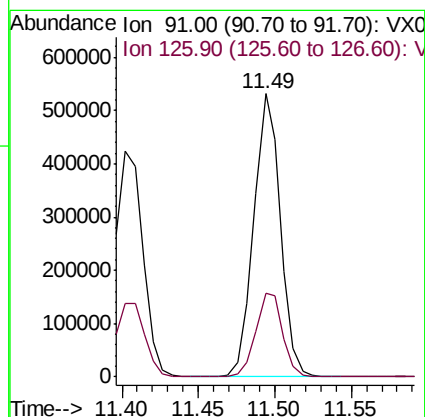
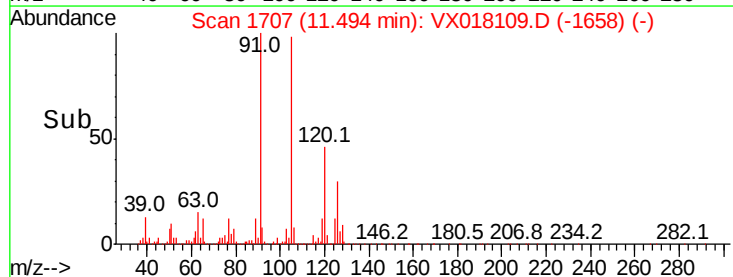
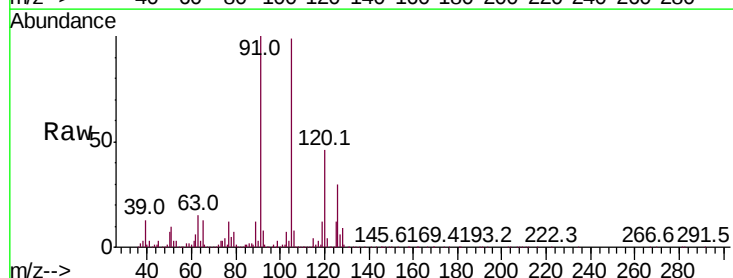
Acq: 28 Aug 2020 10:54

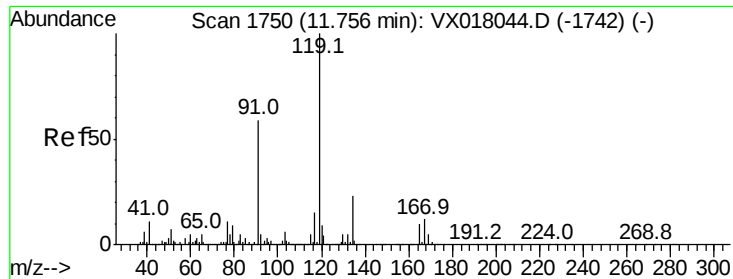
Tgt Ion: 91 Resp: 641218

Ion Ratio Lower Upper

91 100

126 30.1 15.1 45.3

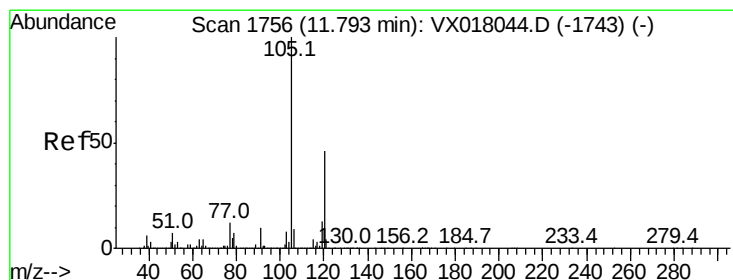
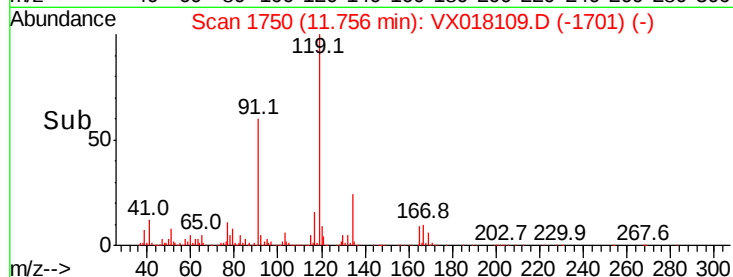
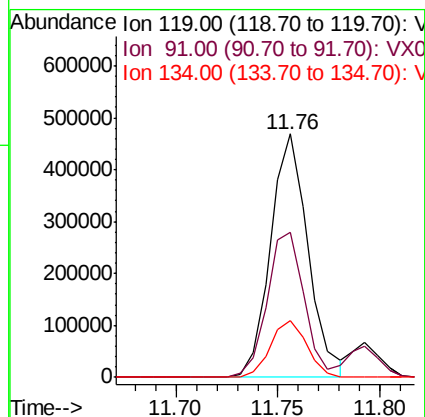
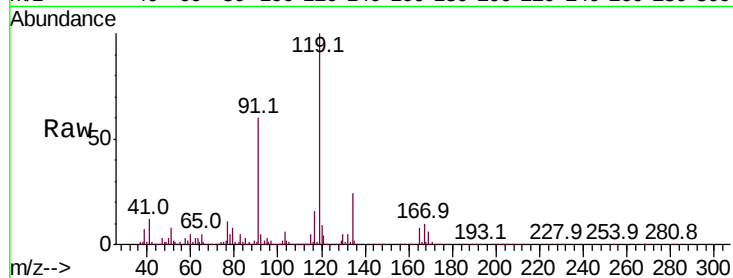




#83
tert-Butylbenzene
Concen: 21.062 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

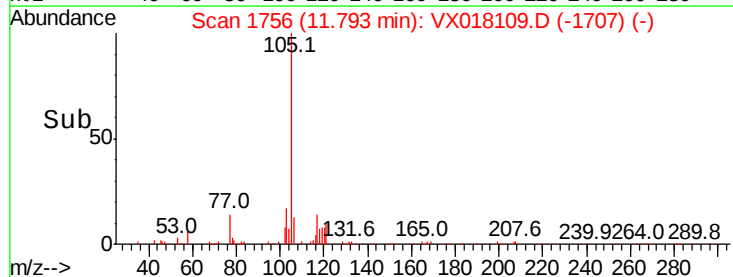
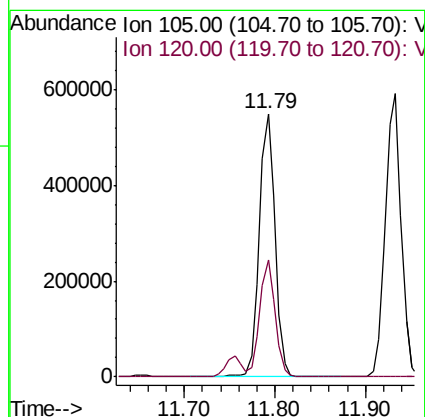
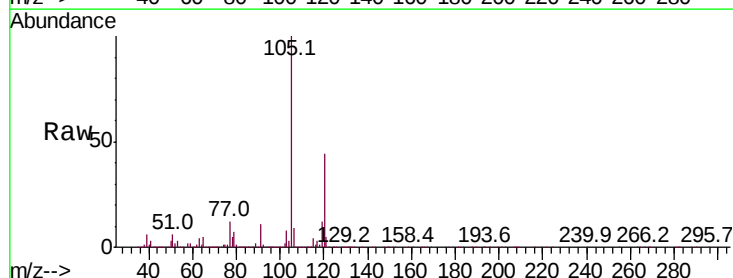
Instrument :
MSVOA_X
ClientSampleId :
VX0828WBS01

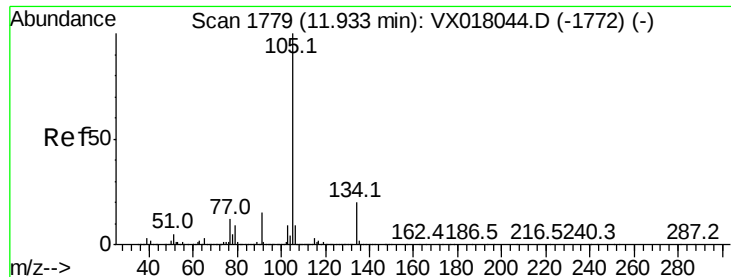
Tot Ion:119 Resp: 601593
Ion Ratio Lower Upper
119 100
91 58.5 28.2 84.7
134 23.0 11.3 33.8



#84
1,2,4-Trimethylbenzene
Concen: 22.296 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion:105 Resp: 659754
Ion Ratio Lower Upper
105 100
120 43.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 22.004 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

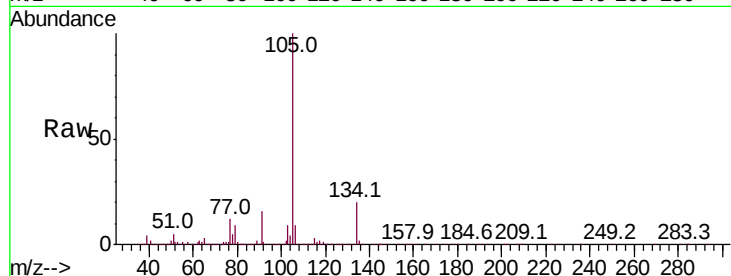
VX0828WBS01

Tot Ion:105 Resp: 714726

Ion Ratio Lower Upper

105 100

134 19.3 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

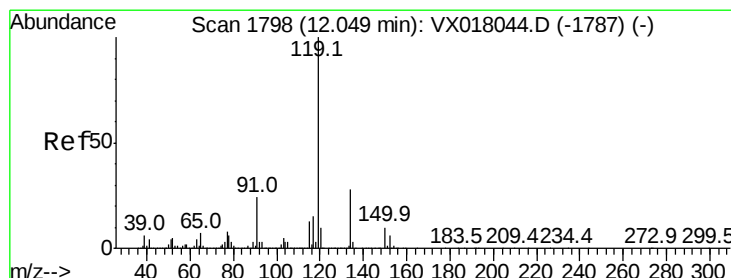
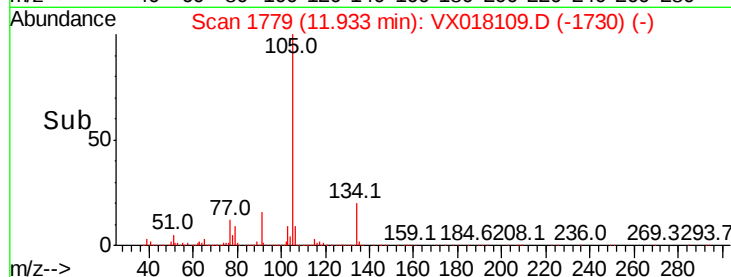
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 22.032 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

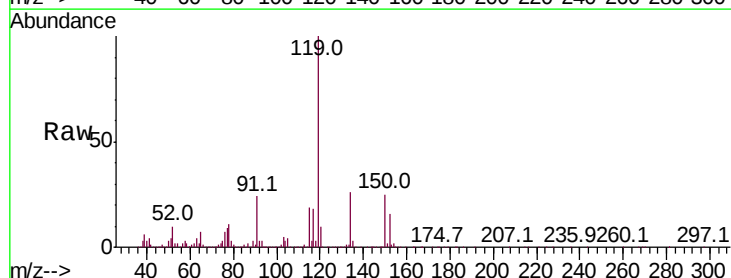
Tgt Ion:119 Resp: 657357

Ion Ratio Lower Upper

119 100

134 26.0 13.2 39.5

91 23.9 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.05

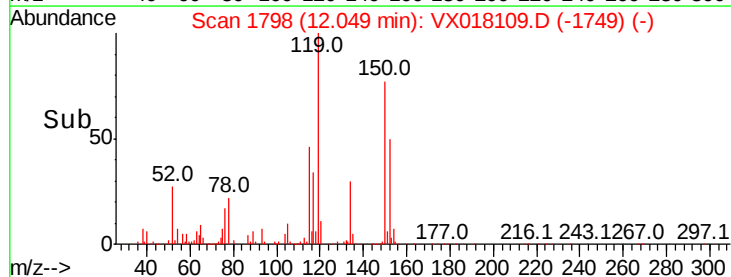
600000

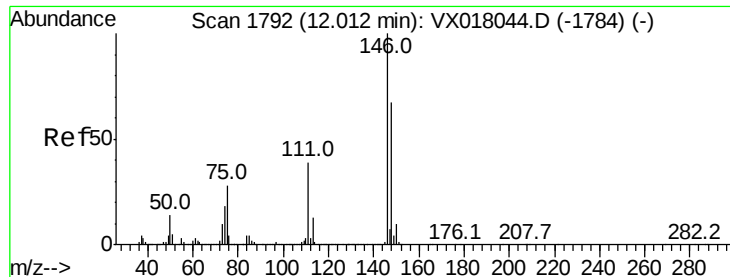
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.541 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0828WBS01

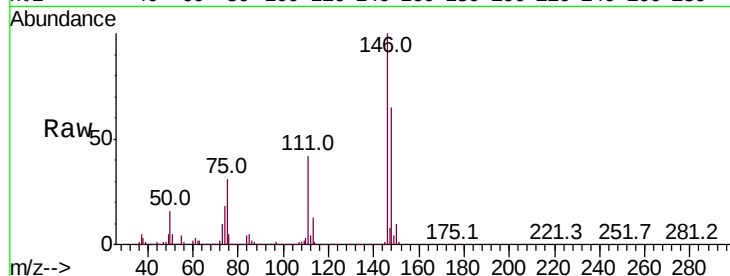
Tot Ion:146 Resp: 351121

Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.8

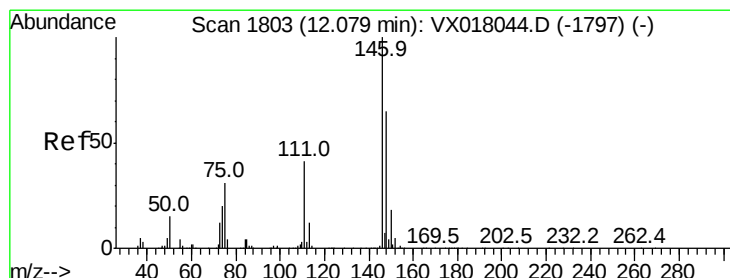
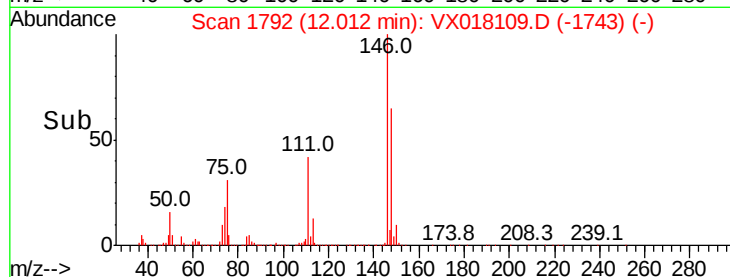
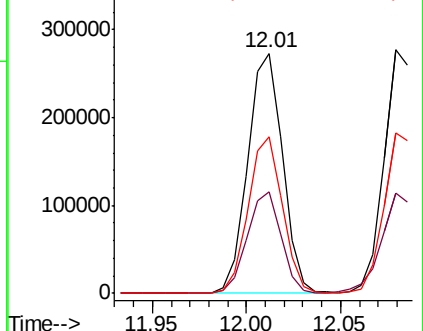
148 64.1 33.1 99.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.979 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

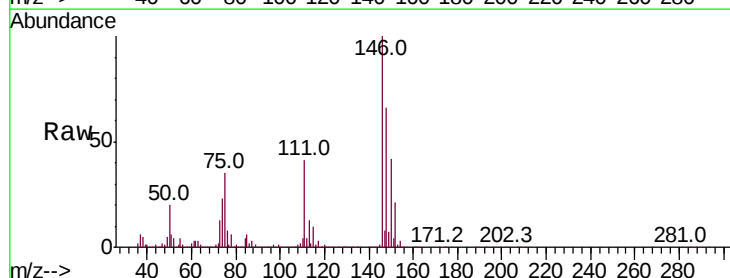
Tgt Ion:146 Resp: 341941

Ion Ratio Lower Upper

146 100

111 42.3 20.3 60.8

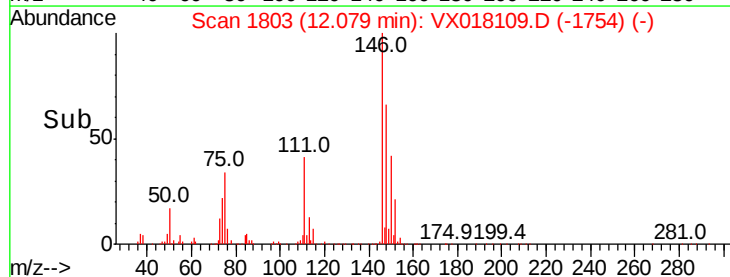
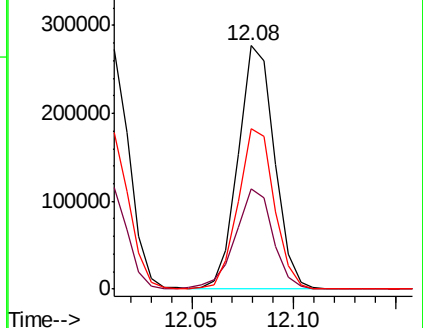
148 65.9 33.1 99.2

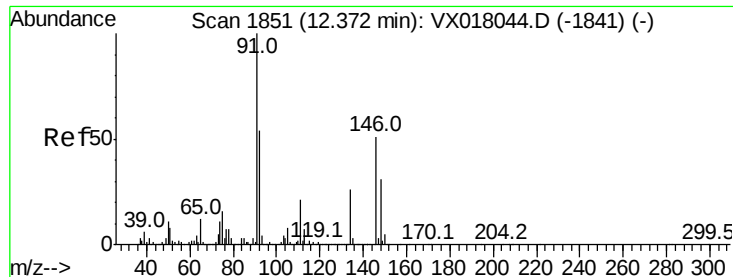


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

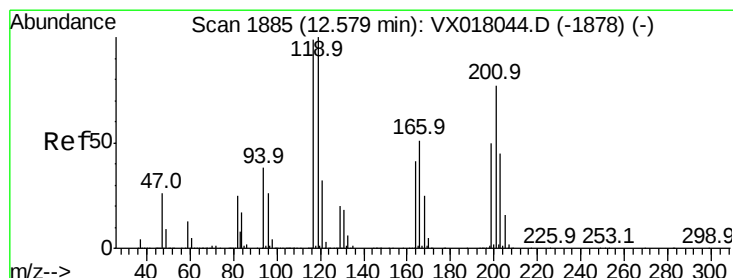
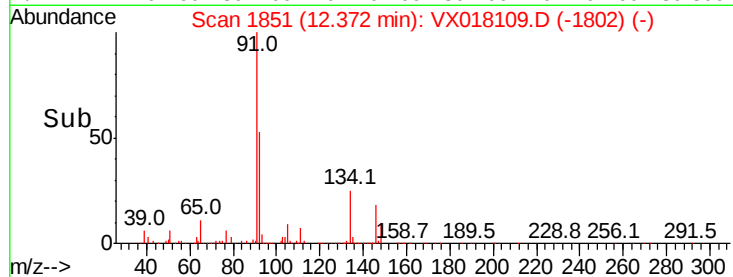
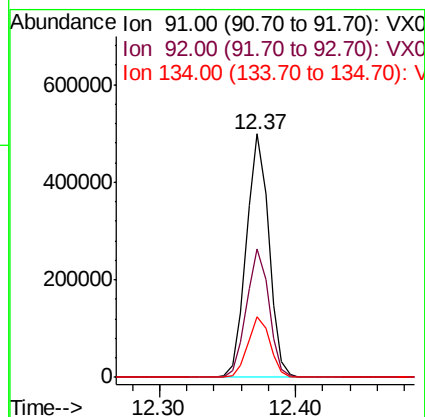
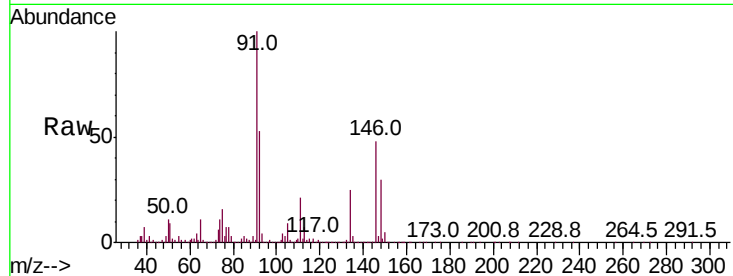




#89
n-Butylbenzene
Concen: 21.170 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

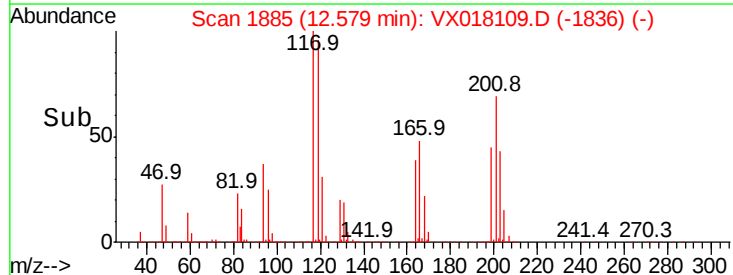
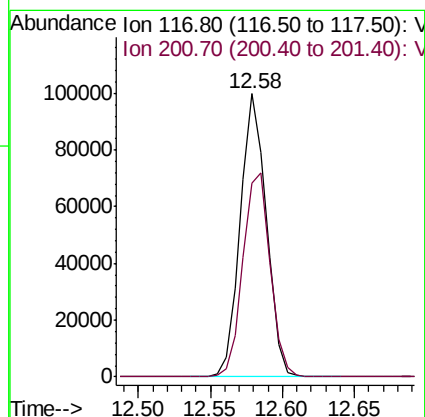
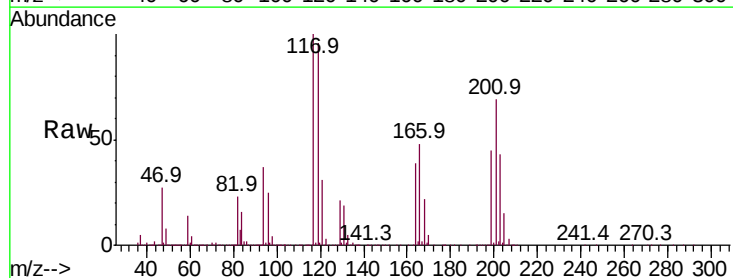
Instrument :
MSVOA_X
ClientSampleId :
VX0828WBS01

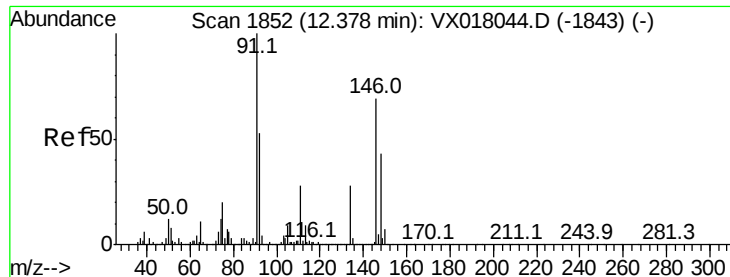
Tot Ion: 91 Resp: 576510
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.2
134 25.0 12.9 38.7



#90
Hexachloroethane
Concen: 21.432 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion: 117 Resp: 125810
Ion Ratio Lower Upper
117 100
201 75.1 38.5 115.3





#91

1,2-Dichlorobenzene

Concen: 20.811 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0828WBS01

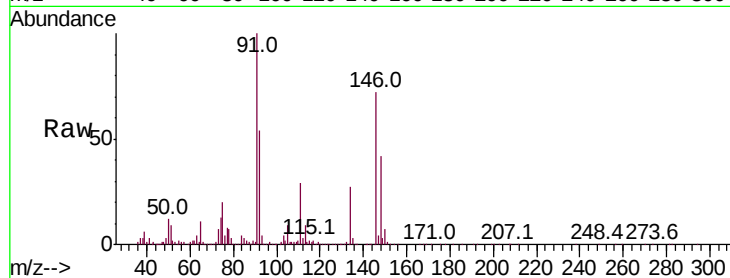
Tot Ion:146 Resp: 334850

Ion Ratio Lower Upper

146 100

111 43.3 20.8 62.5

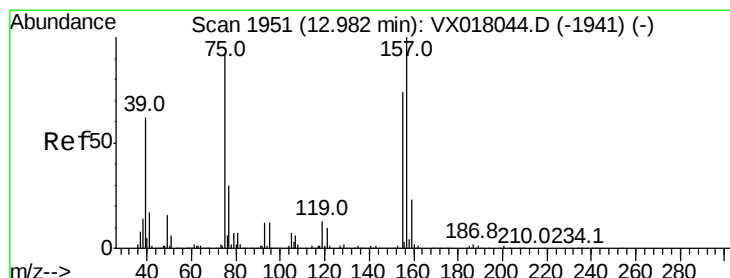
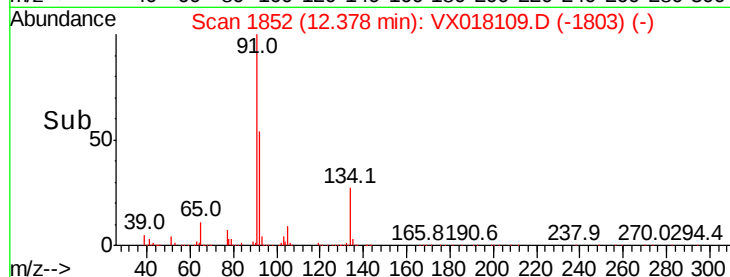
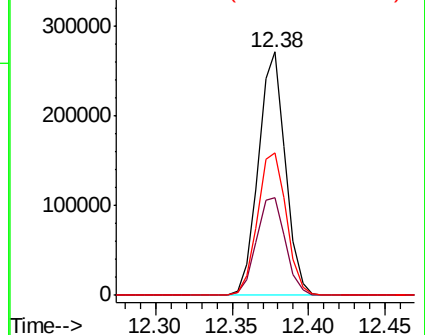
148 62.4 31.6 95.0



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: 19.396 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

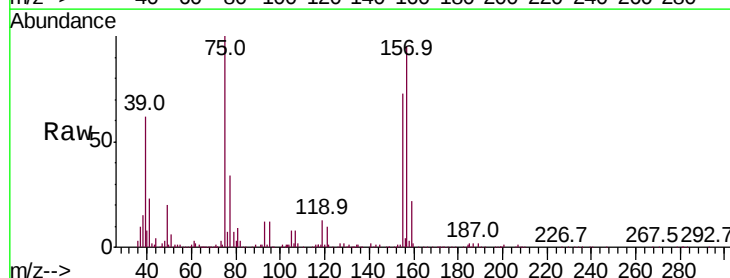
Tgt Ion: 75 Resp: 60258

Ion Ratio Lower Upper

75 100

155 79.2 40.2 120.6

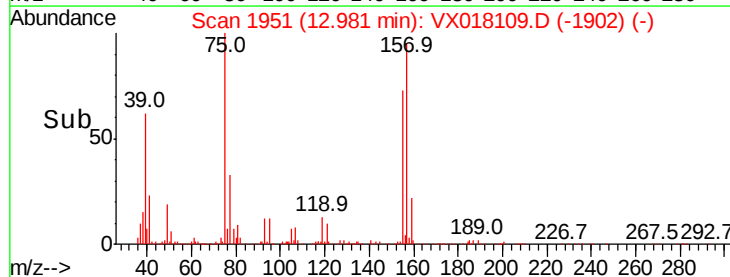
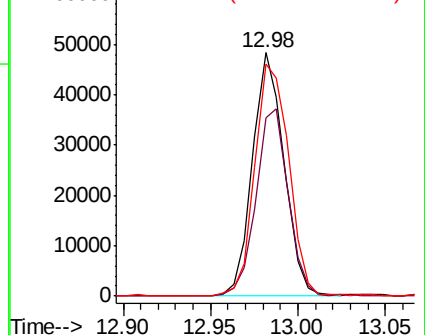
157 102.5 55.0 165.2

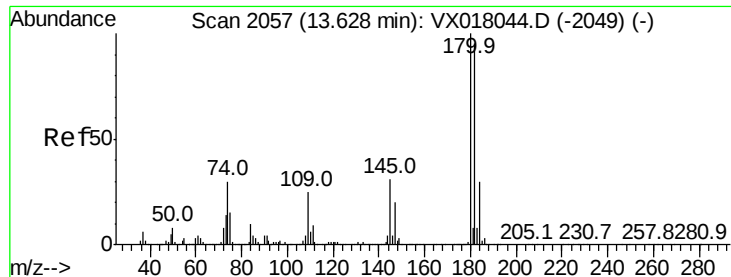


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

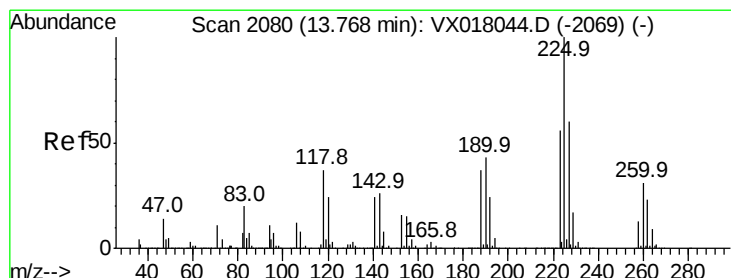
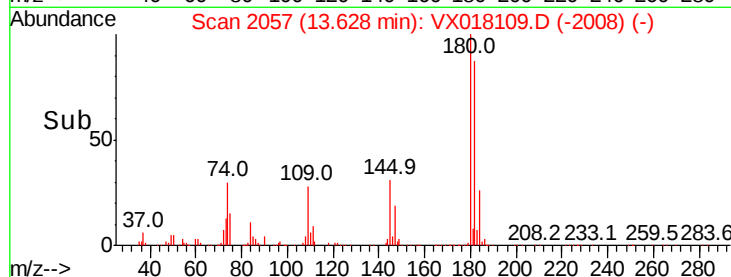
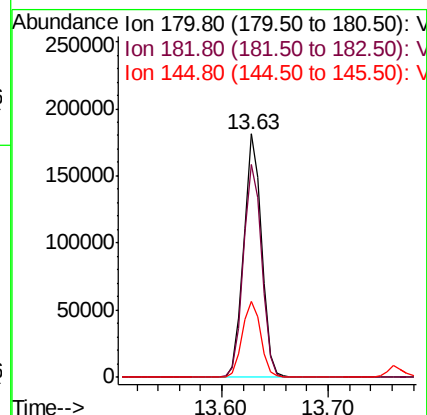
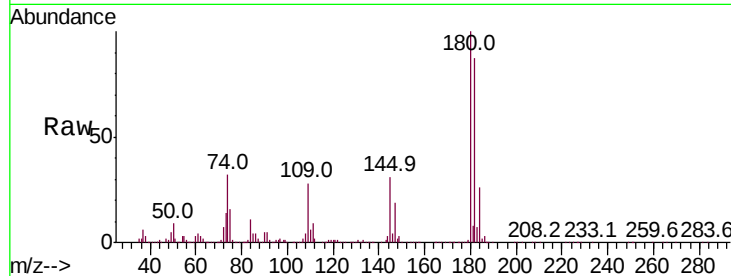




#93
 1,2,4-Trichlorobenzene
 Concen: 19.993 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018109.D
 Acq: 28 Aug 2020 10:54

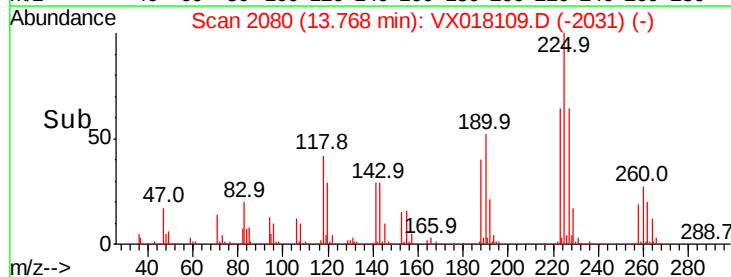
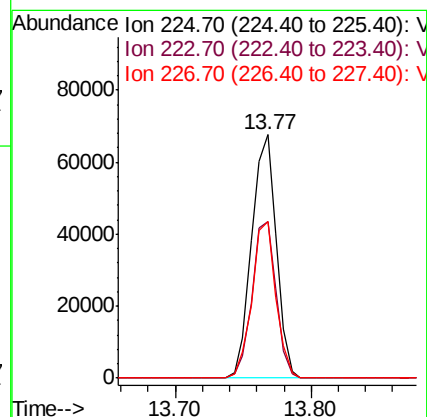
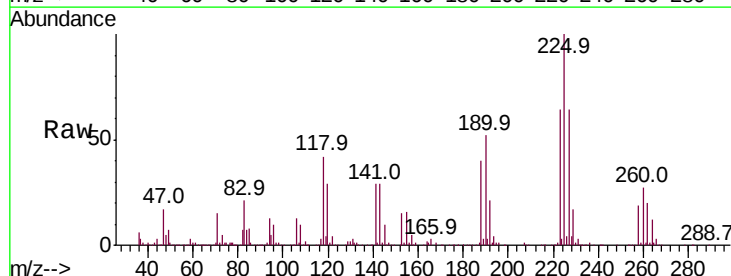
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828WBS01

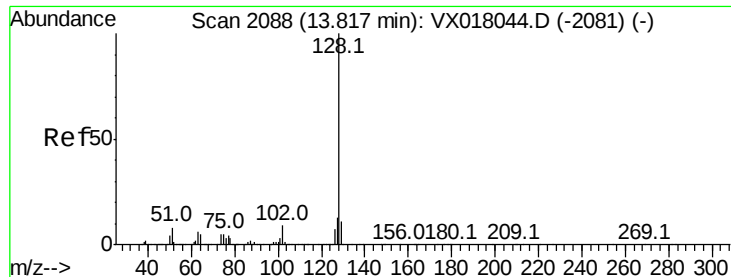
Tot Ion	Ratio	Lower	Upper
180	100		
182	90.0	47.5	142.6
145	32.3	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 20.318 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018109.D
 Acq: 28 Aug 2020 10:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	30.7	92.1
227	62.4	32.6	97.8





#95

Naphthalene

Concen: 20.545 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0828WBS01

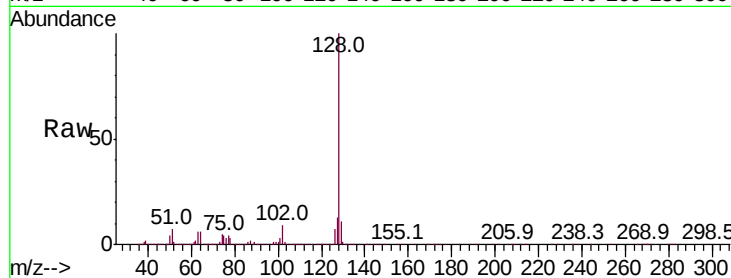
Tot Ion:128 Resp: 725465

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

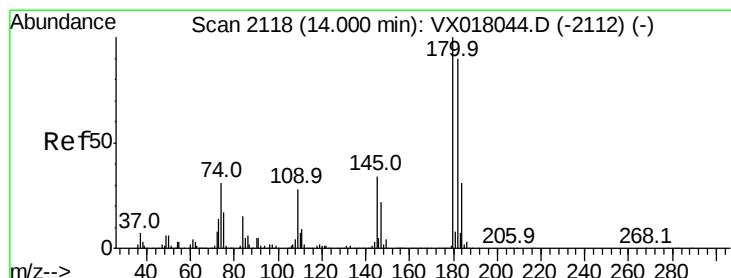
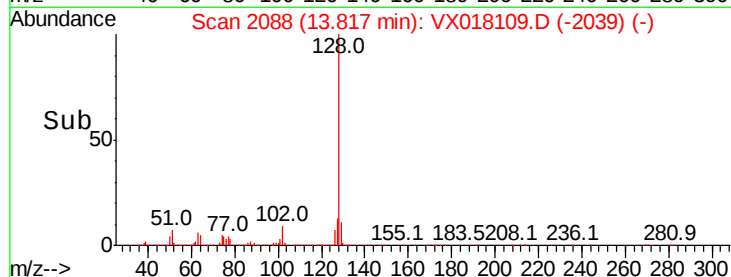
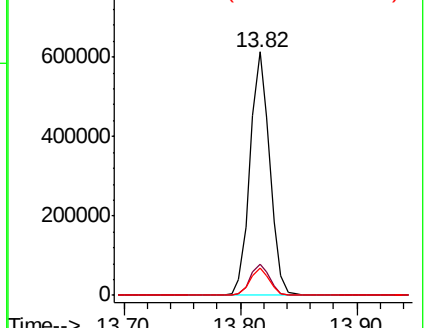
129 10.9 8.7 13.1



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: 19.098 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

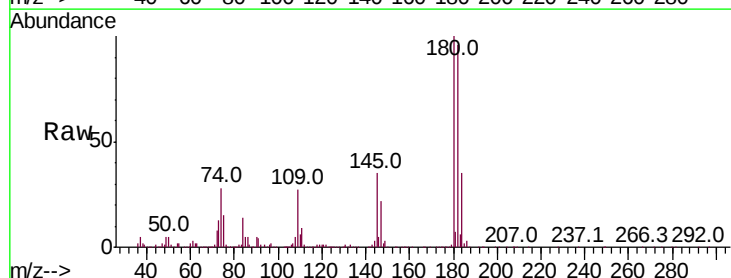
Tgt Ion:180 Resp: 202472

Ion Ratio Lower Upper

180 100

182 95.8 47.3 142.0

145 36.5 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

