

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090820\
 Data File : VX018308.D
 Acq On : 09 Sep 2020 04:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 09 05:17:26 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	397814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	647405	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	623884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	348643	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	299502	54.23	ug/l	0.00
Spiked Amount			Recovery	=	108.46%	
35) Dibromofluoromethane	5.47	113	232851	52.81	ug/l	0.00
Spiked Amount			Recovery	=	105.62%	
50) Toluene-d8	8.70	98	821796	50.04	ug/l	0.00
Spiked Amount			Recovery	=	100.08%	
62) 4-Bromofluorobenzene	11.12	95	337930	52.30	ug/l	0.00
Spiked Amount			Recovery	=	104.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	234041	48.321	ug/l	99
3) Chloromethane	1.31	50	217379	42.570	ug/l	100
4) Vinyl Chloride	1.39	62	230798	45.404	ug/l	99
5) Bromomethane	1.62	94	139860	57.044	ug/l	97
6) Chloroethane	1.70	64	139723	51.178	ug/l	94
7) Trichlorofluoromethane	1.91	101	393353	56.751	ug/l	99
8) Diethyl Ether	2.17	74	124813	53.098	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	194552	51.919	ug/l	98
10) Methyl Iodide	2.49	142	194900	48.760	ug/l	98
11) Tert butyl alcohol	3.02	59	267743	249.340	ug/l	100
12) 1,1-Dichloroethene	2.36	96	190820	49.084	ug/l	99
13) Acrolein	2.27	56	91282	205.014	ug/l	96
14) Allyl chloride	2.70	41	335440	48.026	ug/l	97
15) Acrylonitrile	3.12	53	620409	254.704	ug/l	99
16) Acetone	2.42	43	575968	267.647	ug/l	96
17) Carbon Disulfide	2.55	76	523831	44.572	ug/l	99
18) Methyl Acetate	2.75	43	305607	58.850	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	717693	53.830	ug/l	96
20) Methylene Chloride	2.83	84	225369	51.248	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	212324	49.296	ug/l	99
22) Diisopropyl ether	3.82	45	710175	51.516	ug/l	93
23) Vinyl Acetate	3.78	43	3134015	255.494	ug/l	99
24) 1,1-Dichloroethane	3.67	63	397360	50.636	ug/l	99
25) 2-Butanone	4.64	43	881149	249.146	ug/l	98
26) 2,2-Dichloropropane	4.55	77	236145	36.985	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	241507	48.665	ug/l	97
28) Bromochloromethane	4.98	49	184560	48.724	ug/l	99
29) Tetrahydrofuran	5.09	42	557523	247.636	ug/l	97
30) Chloroform	5.18	83	425988	52.426	ug/l	99
31) Cyclohexane	5.55	56	322623	48.806	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	396340	53.152	ug/l	100
36) 1,1-Dichloropropene	5.77	75	297122	49.758	ug/l	99
37) Ethyl Acetate	4.79	43	339796	48.995	ug/l	98
38) Carbon Tetrachloride	5.76	117	365751	54.351	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	321610	49.255	ug/l	99
40) Benzene	6.12	78	867640	49.449	ug/l	98
41) Methacrylonitrile	5.00	41	182277	47.867	ug/l	96
42) 1,2-Dichloroethane	6.16	62	361975	53.845	ug/l	97
43) Isopropyl Acetate	6.42	43	549157	49.024	ug/l	100
44) Trichloroethene	7.19	130	247092	49.839	ug/l	98
45) 1,2-Dichloropropane	7.49	63	233797	49.439	ug/l	97
46) Dibromomethane	7.64	93	168084	50.544	ug/l	99
47) Bromodichloromethane	7.88	83	355159	53.488	ug/l	96
48) Methyl methacrylate	7.74	41	275165	49.345	ug/l	98
49) 1,4-Dioxane	7.71	88	88272	873.885	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1779167	257.124	ug/l	100
52) Toluene	8.77	92	553783	49.774	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	356020	48.378	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	368321	47.247	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	235981	49.731	ug/l	98
56) Ethyl methacrylate	9.16	69	357001	50.609	ug/l	99
57) 1,3-Dichloropropane	9.35	76	393707	50.305	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	627481	197.739	ug/l	98
59) 2-Hexanone	9.48	43	1382402	262.741	ug/l	100
60) Dibromochloromethane	9.57	129	293800	52.780	ug/l	98
61) 1,2-Dibromoethane	9.65	107	258040	50.089	ug/l	98
64) Tetrachloroethene	9.32	164	230412	50.257	ug/l	92
65) Chlorobenzene	10.12	112	624097	50.087	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	261486	53.244	ug/l	98
67) Ethyl Benzene	10.24	91	1088834	51.384	ug/l	100
68) m/p-Xylenes	10.34	106	836882	105.813	ug/l	96
69) o-Xylene	10.68	106	399947	52.165	ug/l	99
70) Styrene	10.70	104	706370	54.100	ug/l	98
71) Bromoform	10.84	173	230599	55.050	ug/l #	99
73) Isopropylbenzene	11.00	105	1092711	47.516	ug/l	99
74) N-amyl acetate	10.88	43	501601	45.971	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	363691	44.831	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	435085	56.099	ug/l	84
77) Bromobenzene	11.24	156	292432	46.003	ug/l	98
78) n-propylbenzene	11.34	91	1270407	48.652	ug/l	100
79) 2-Chlorotoluene	11.40	91	771729	47.837	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	957249	50.654	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	115983	40.390	ug/l	95
82) 4-Chlorotoluene	11.49	91	923517	48.154	ug/l	100
83) tert-Butylbenzene	11.76	119	929644	49.848	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	974170	50.421	ug/l	99
85) sec-Butylbenzene	11.93	105	1095184	51.639	ug/l	100
86) p-Isopropyltoluene	12.05	119	1020841	52.402	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	537359	48.147	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	539077	48.240	ug/l	97
89) n-Butylbenzene	12.37	91	872215	49.054	ug/l	99
90) Hexachloroethane	12.58	117	203712	53.149	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	518278	49.332	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	96733	47.688	ug/l	97

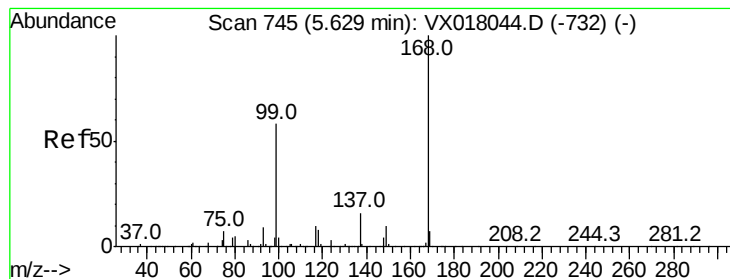
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	333675	47.630	ug/l	99
94) Hexachlorobutadiene	13.77	225	141441	51.187	ug/l	99
95) Naphthalene	13.82	128	1142781	49.566	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	349483	50.487	ug/l	98

(#) = 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: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

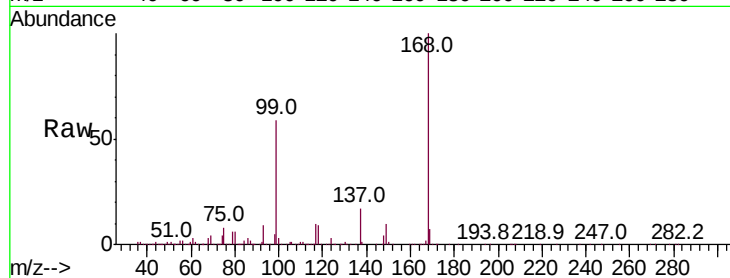
VSTDCCC050EC

Tot Ion:168 Resp: 397814

Ion Ratio Lower Upper

168 100

99 58.4 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

150000

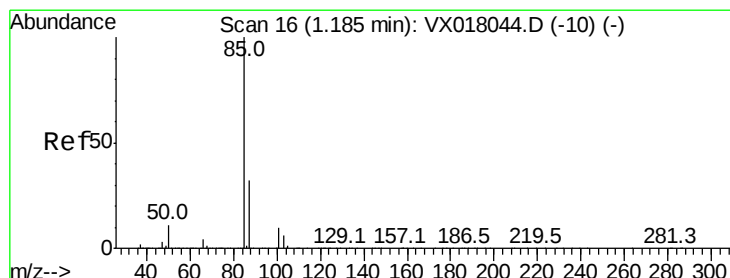
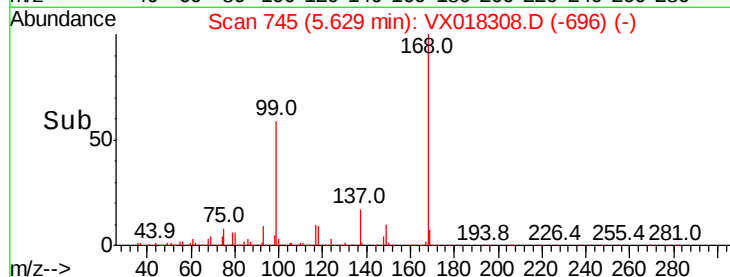
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50000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 48.321 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018308.D

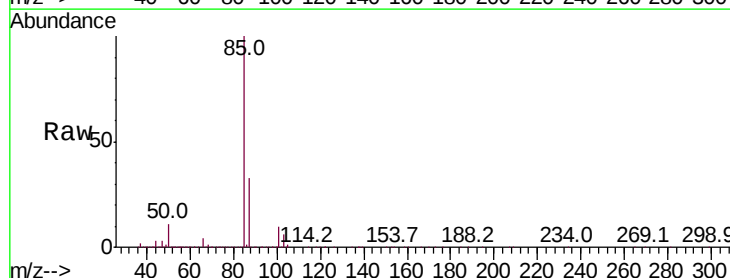
Acq: 09 Sep 2020 04:55

Tgt Ion: 85 Resp: 234041

Ion Ratio Lower Upper

85 100

87 32.9 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

300000

250000

200000

150000

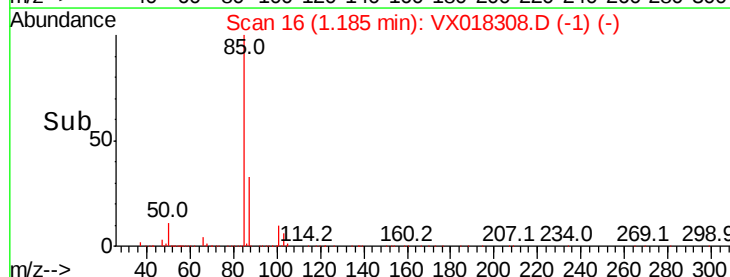
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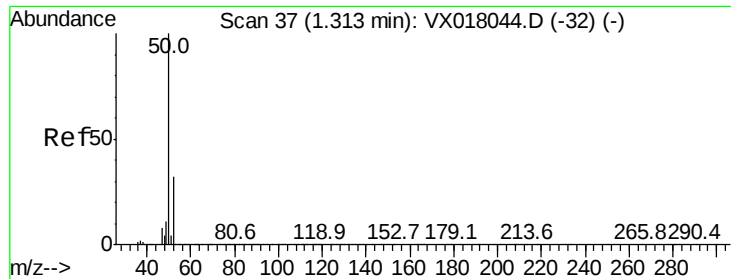
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1.10 1.15 1.20 1.25 1.30

Time-->

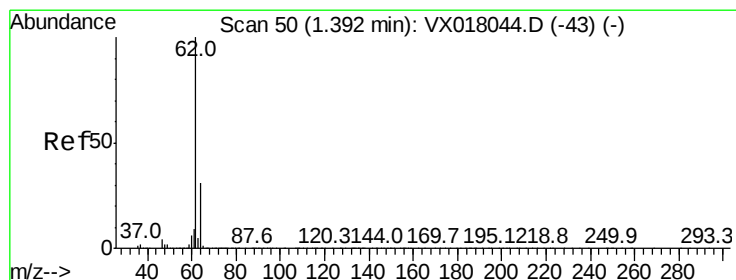
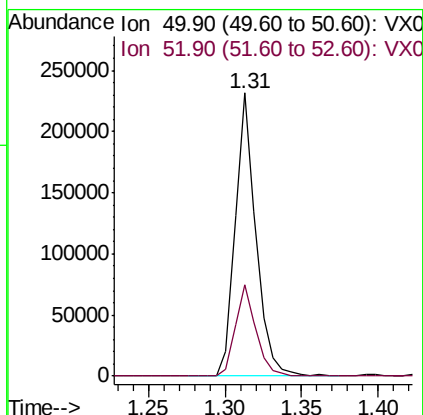
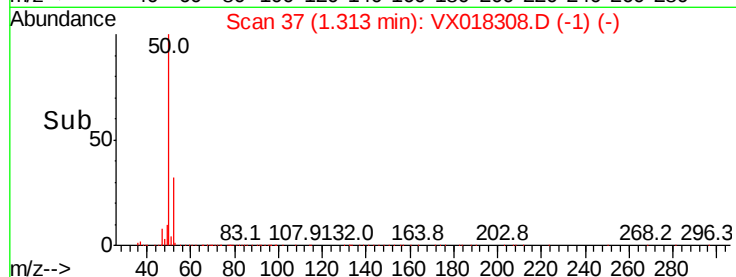
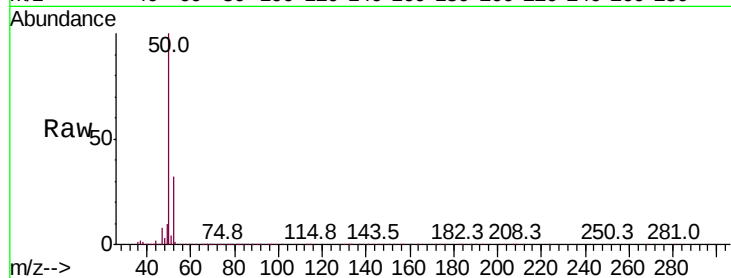




#3
Chloromethane
Concen: 42.570 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

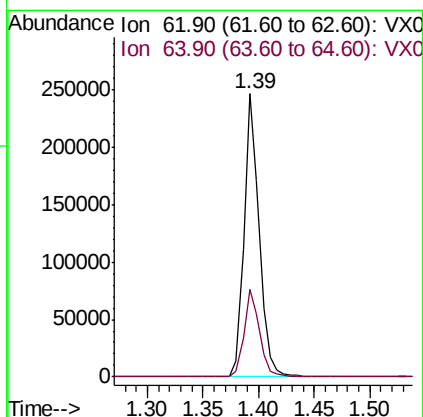
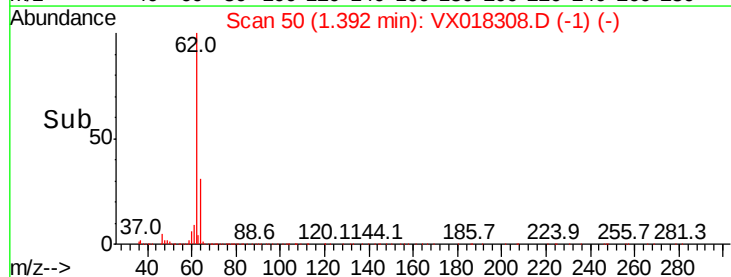
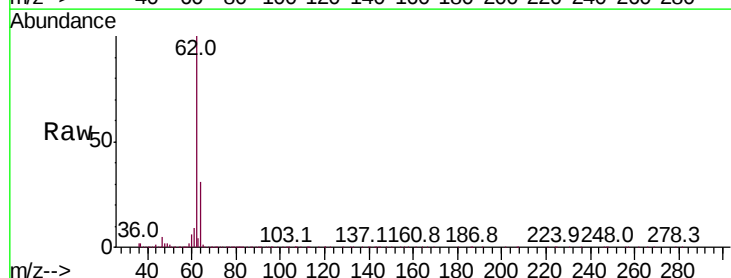
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

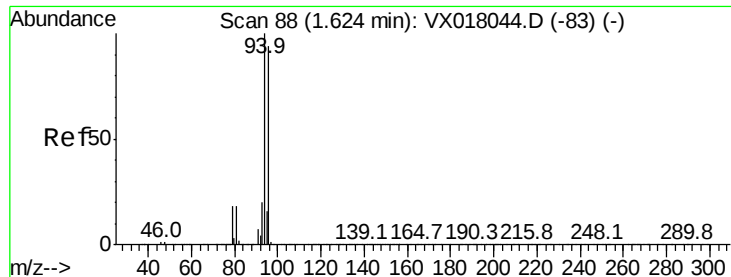
Tot Ion: 50 Resp: 217379
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.2



#4
Vinyl Chloride
Concen: 45.404 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion: 62 Resp: 230798
Ion Ratio Lower Upper
62 100
64 30.9 25.1 37.7





#5

Bromomethane

Concen: 57.044 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

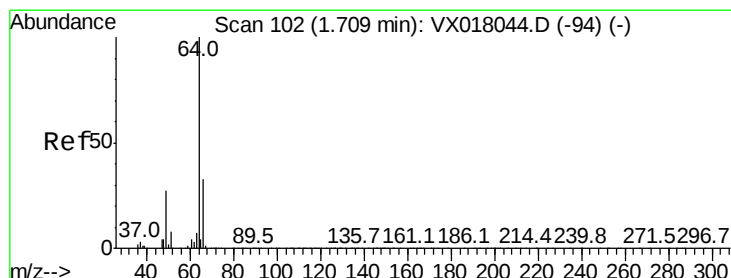
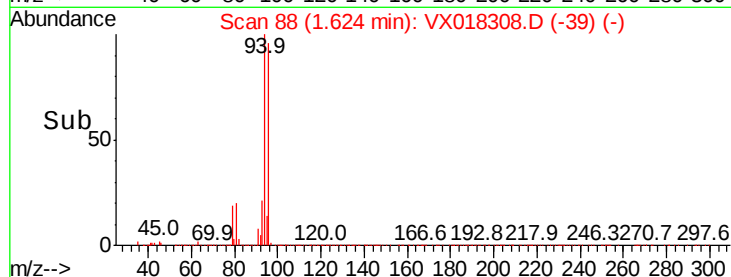
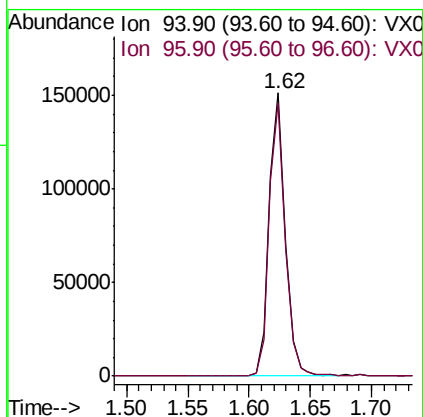
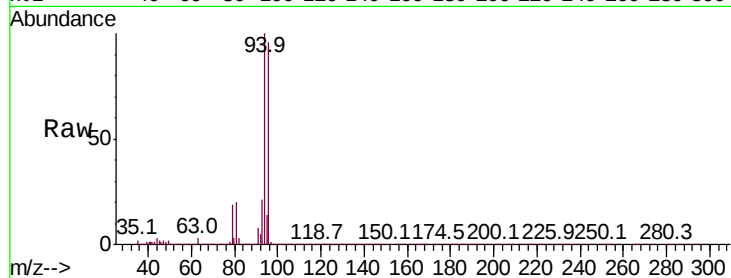
VSTDCCC050EC

Tot Ion: 94 Resp: 139860

Ion Ratio Lower Upper

94 100

96 96.4 74.8 112.2



#6

Chloroethane

Concen: 51.178 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018308.D

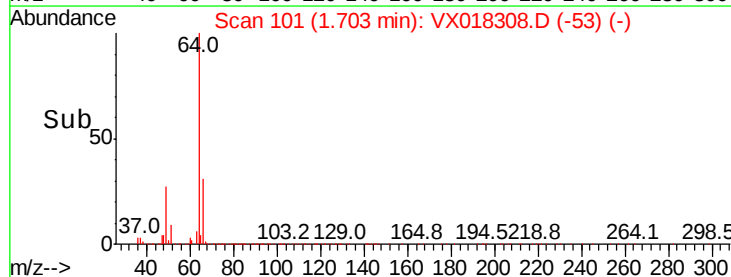
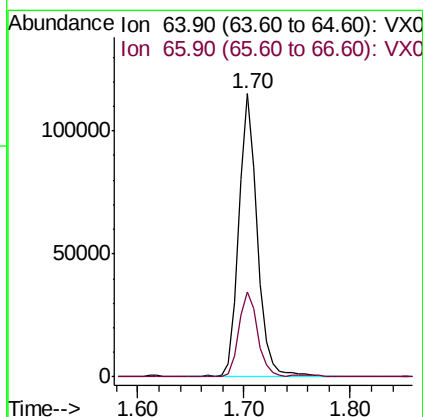
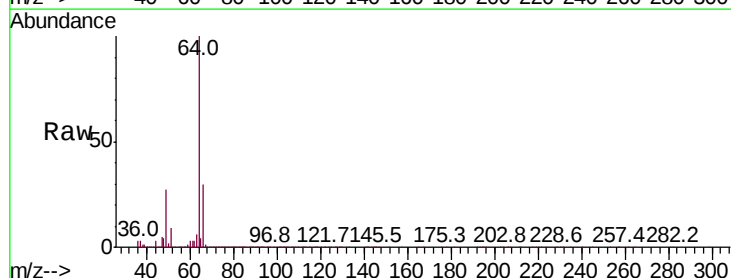
Acq: 09 Sep 2020 04:55

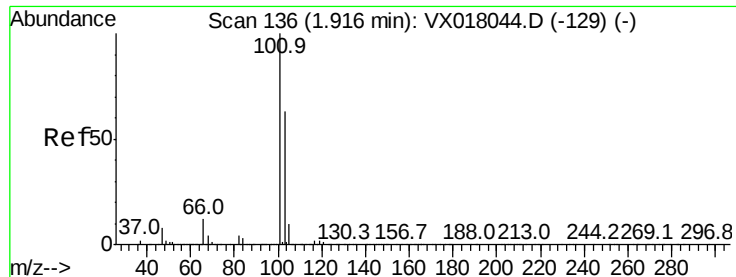
Tgt Ion: 64 Resp: 139723

Ion Ratio Lower Upper

64 100

66 29.8 26.6 39.8



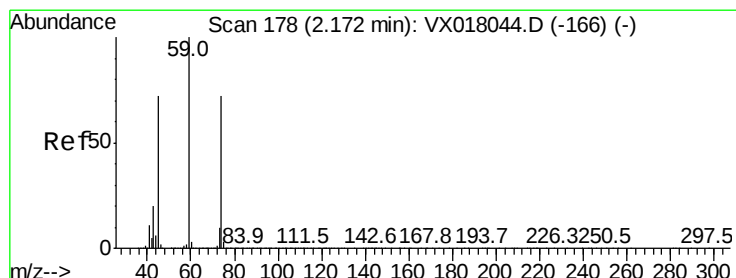
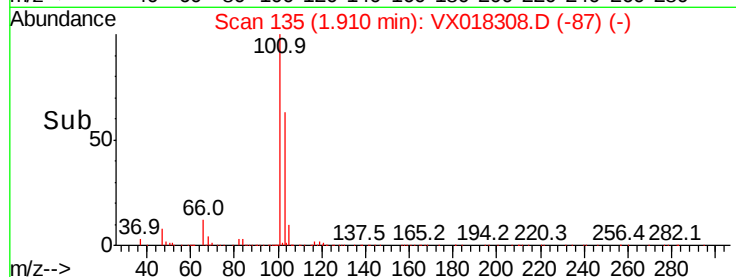
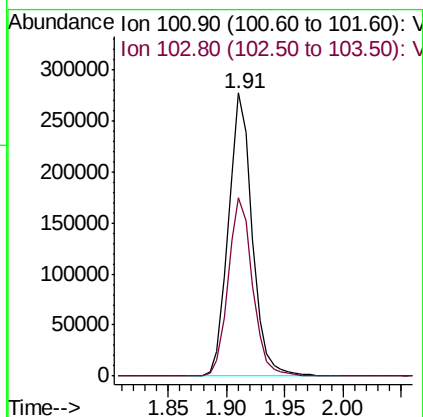
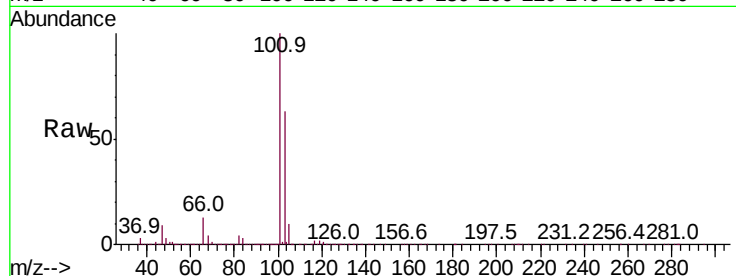


#7

Trichlorofluoromethane
Concen: 56.751 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

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ClientSampleId :
VSTDCCC050EC

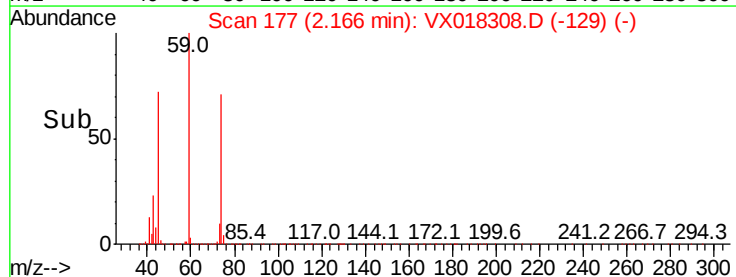
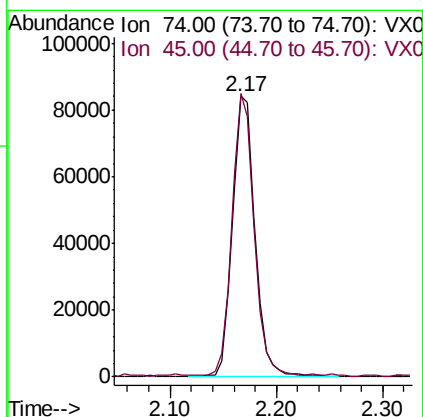
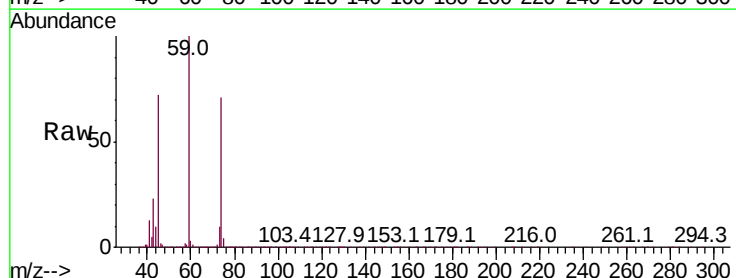
Tot Ion:101 Resp: 393353
Ion Ratio Lower Upper
101 100
103 62.9 50.7 76.1

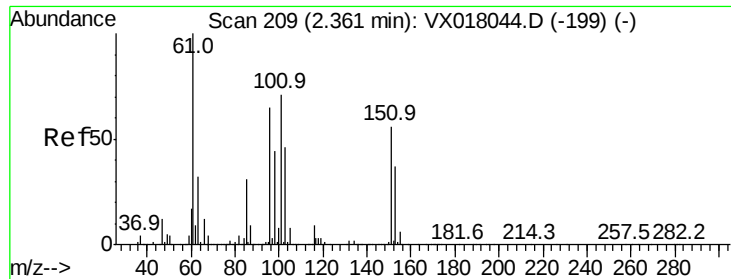


#8

Diethyl Ether
Concen: 53.098 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion: 74 Resp: 124813
Ion Ratio Lower Upper
74 100
45 97.8 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.919 ug/l

RT: 2.36 min Scan# 209

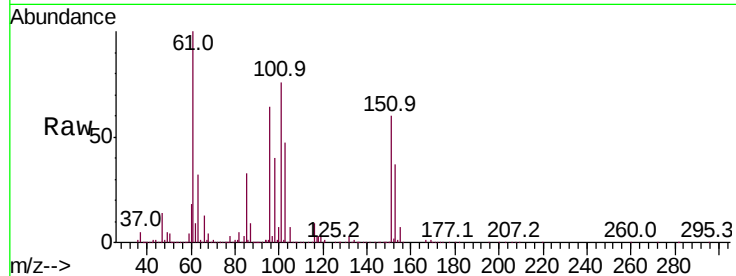
Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
85	45.2	34.0	51.0
151	82.4	65.2	97.8

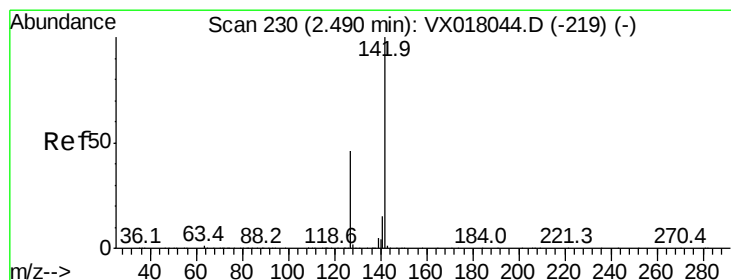
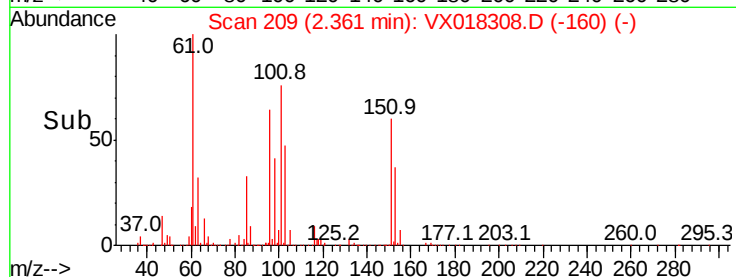
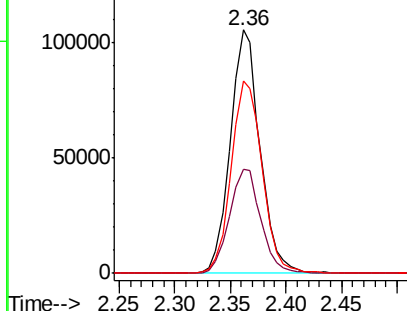


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.760 ug/l

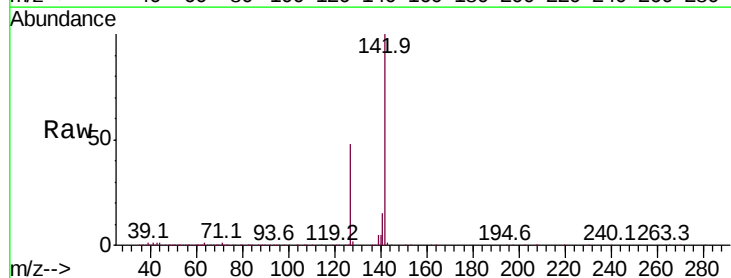
RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Tgt Ion	Ratio	Lower	Upper
142	100		
127	48.0	37.0	55.6
141	14.7	11.5	17.3

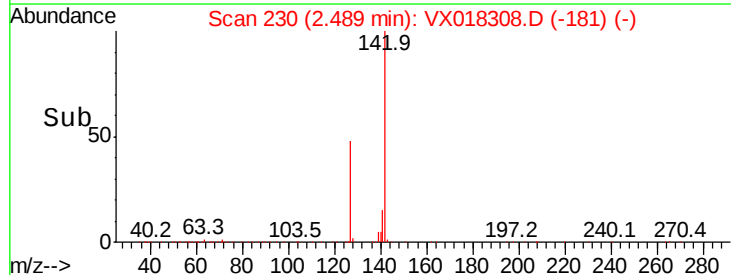
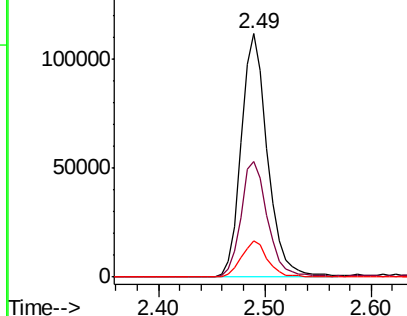


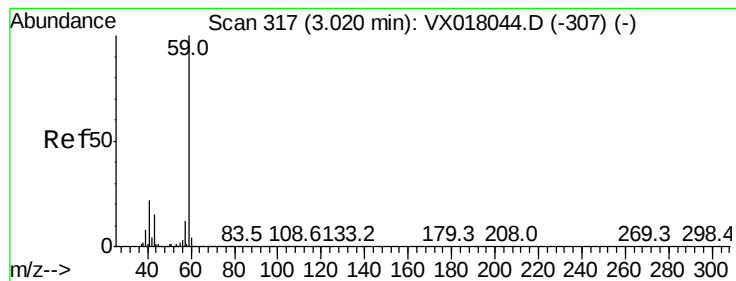
Abundance

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



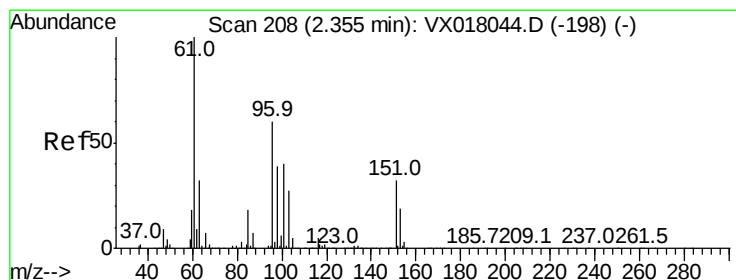
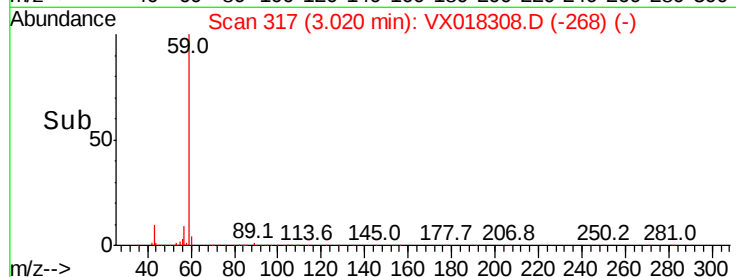
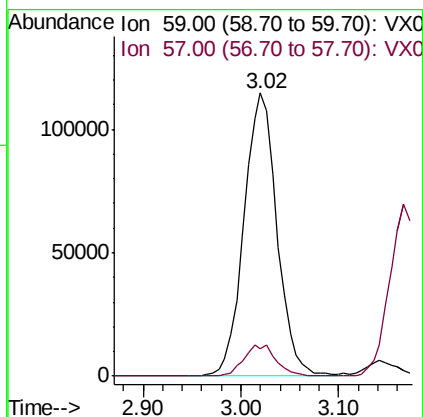
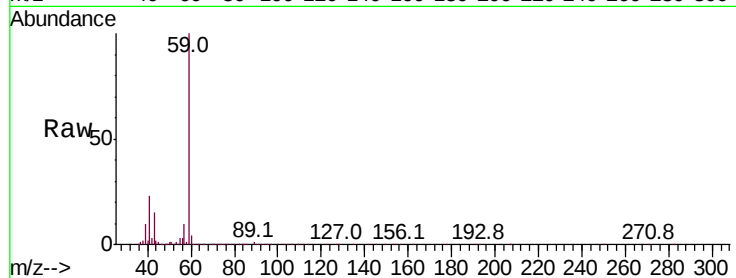


#11

Tert butyl alcohol
Concen: 249.340 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

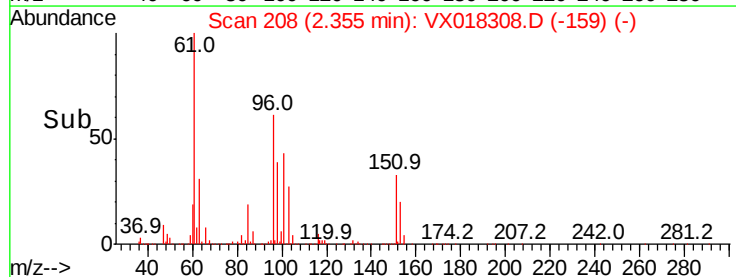
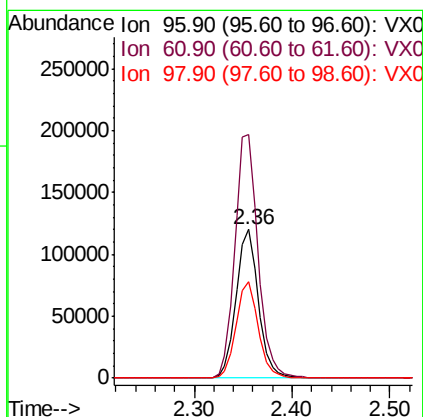
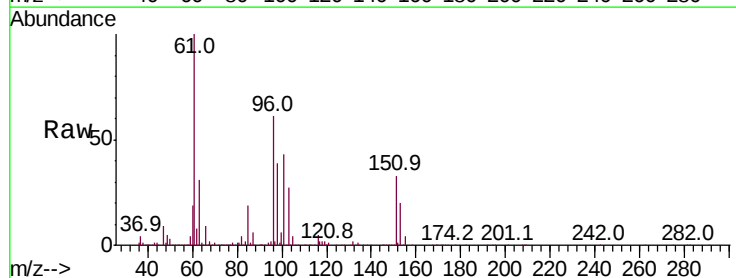
Tot Ion: 59 Resp: 267743
Ion Ratio Lower Upper
59 100
57 11.0 8.9 13.3

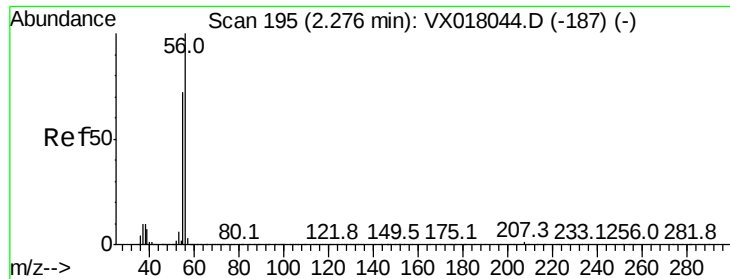


#12

1,1-Dichloroethene
Concen: 49.084 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion: 96 Resp: 190820
Ion Ratio Lower Upper
96 100
61 163.8 133.0 199.4
98 64.5 51.6 77.4

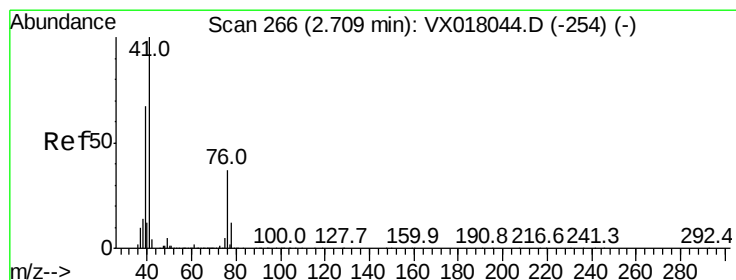
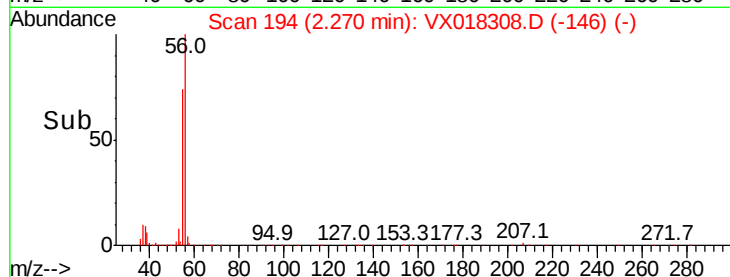
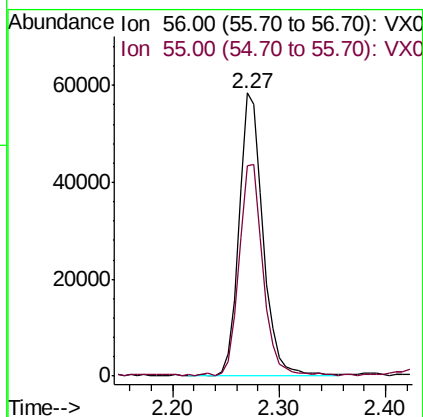
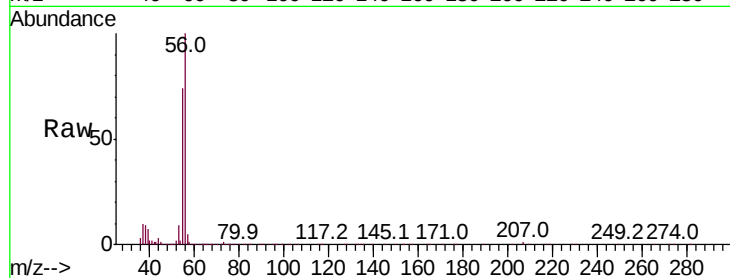




#13
Acrolein
Concen: 205.014 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

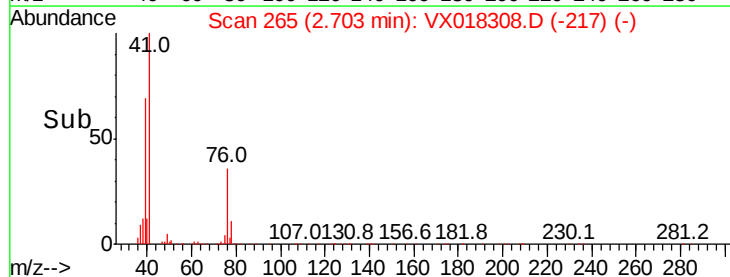
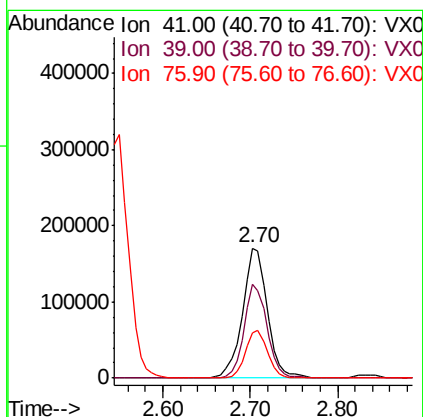
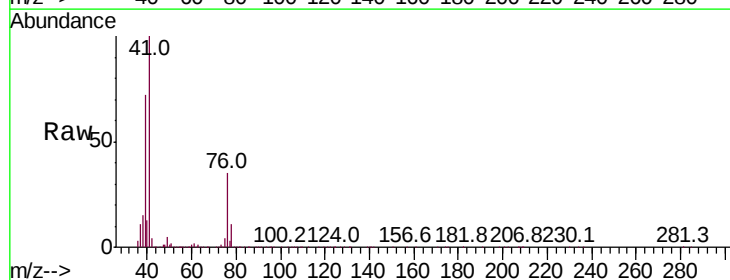
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

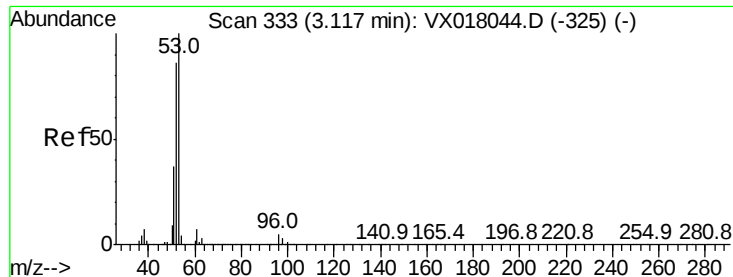
Tot Ion: 56 Resp: 91282
Ion Ratio Lower Upper
56 100
55 74.9 57.0 85.6



#14
Allyl chloride
Concen: 48.026 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion: 41 Resp: 335440
Ion Ratio Lower Upper
41 100
39 66.6 50.6 76.0
76 32.7 26.2 39.2

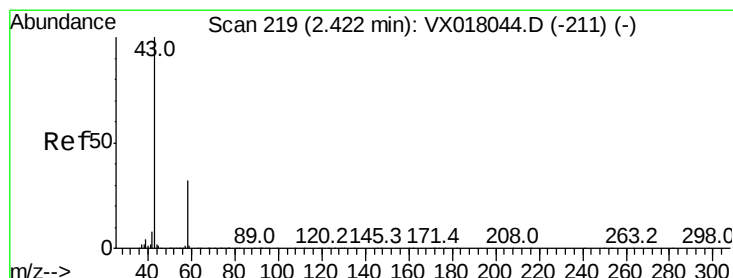
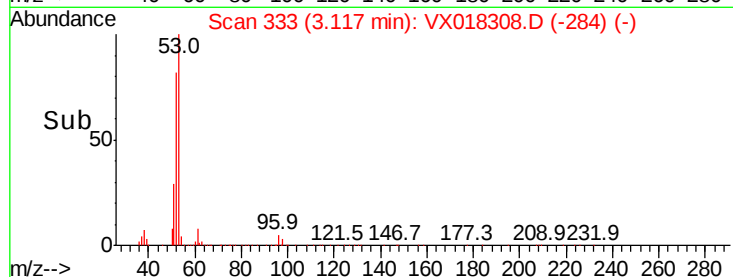
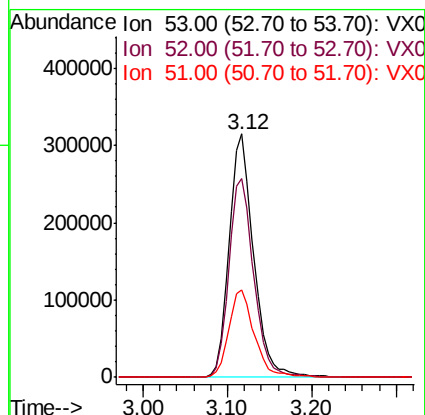
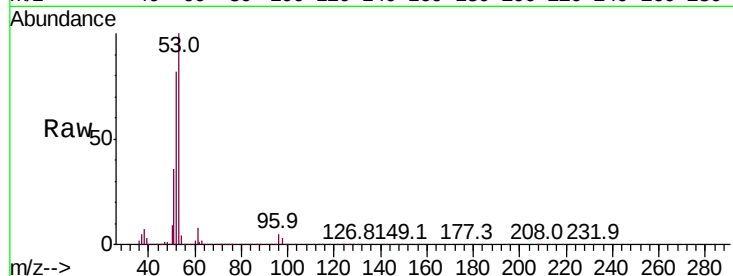




#15
 Acrylonitrile
 Concen: 254.704 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX018308.D
 Acq: 09 Sep 2020 04:55

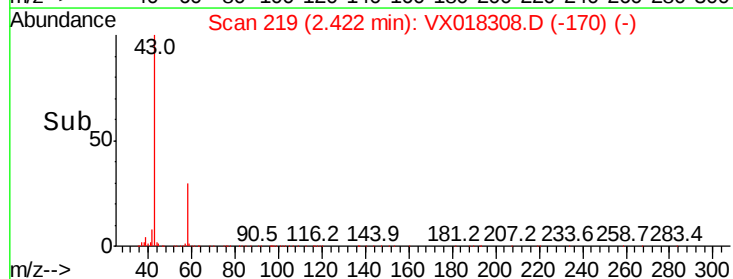
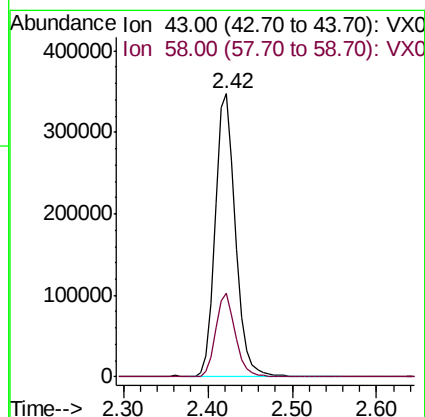
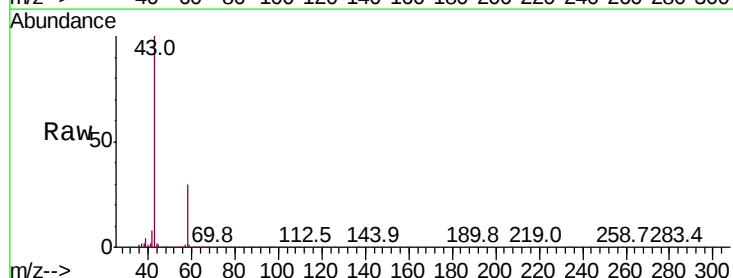
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

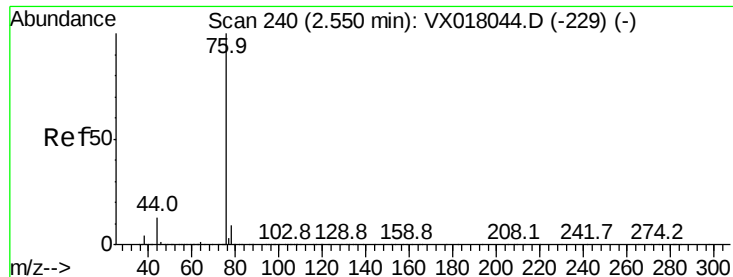
Tot Ion: 53 Resp: 620409
 Ion Ratio Lower Upper
 53 100
 52 83.5 66.9 100.3
 51 37.7 28.7 43.1



#16
 Acetone
 Concen: 267.647 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX018308.D
 Acq: 09 Sep 2020 04:55

Tgt Ion: 43 Resp: 575968
 Ion Ratio Lower Upper
 43 100
 58 29.5 25.5 38.3





#17

Carbon Disulfide

Concen: 44.572 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

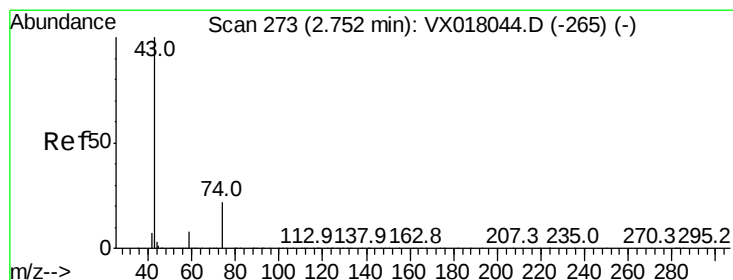
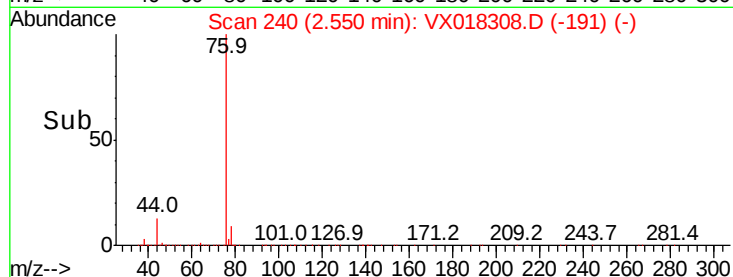
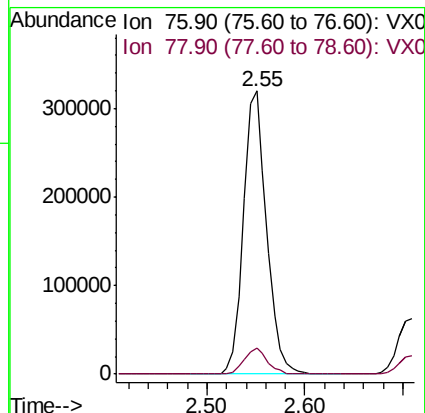
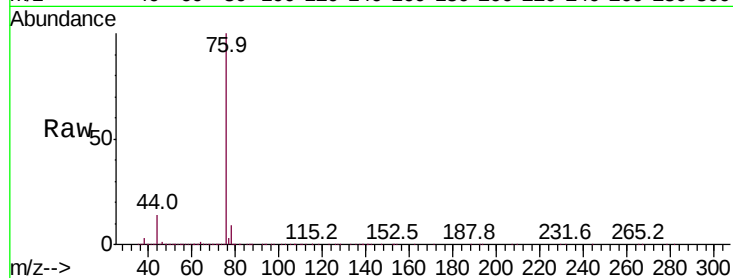
VSTDCCC050EC

Tot Ion: 76 Resp: 523831

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0



#18

Methyl Acetate

Concen: 58.850 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018308.D

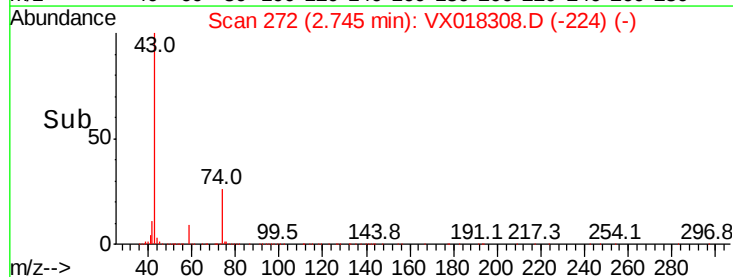
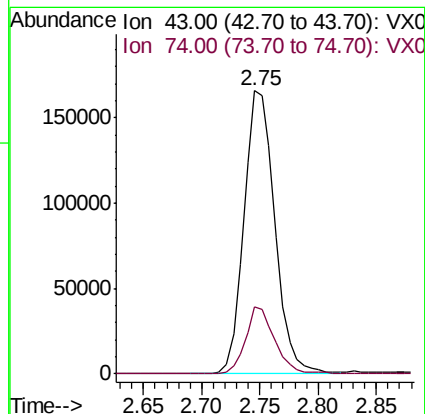
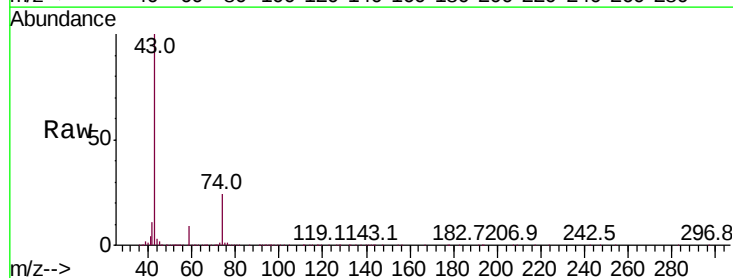
Acq: 09 Sep 2020 04:55

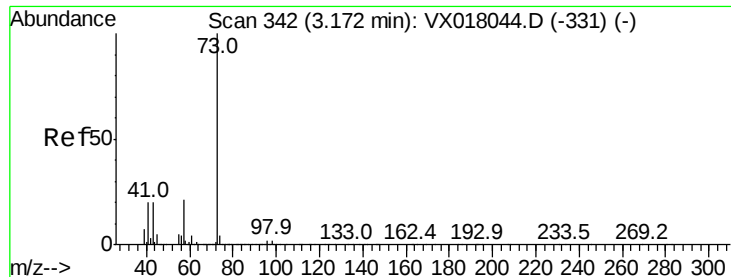
Tgt Ion: 43 Resp: 305607

Ion Ratio Lower Upper

43 100

74 22.8 18.2 27.4

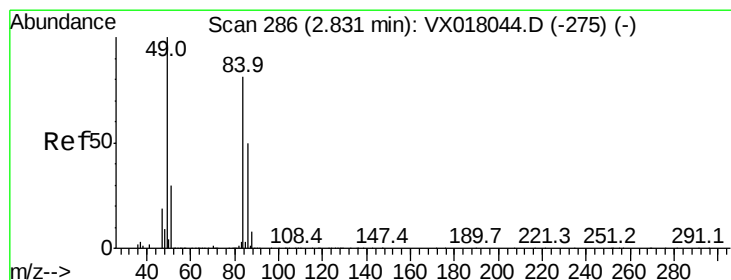
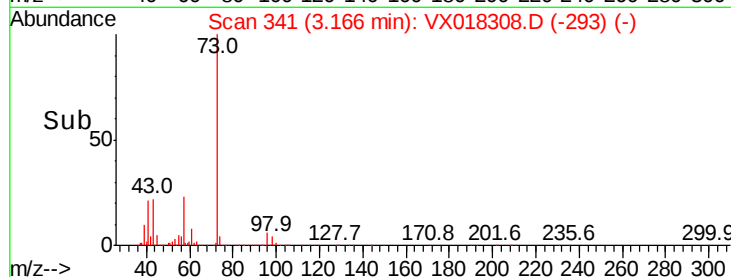
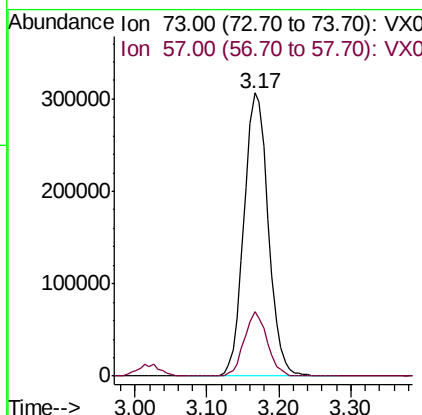
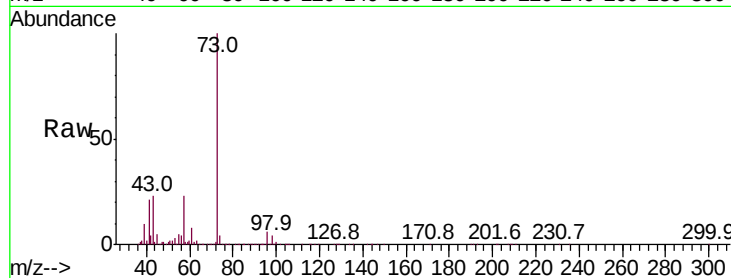




#19
Methyl tert-butyl Ether
Concen: 53.830 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

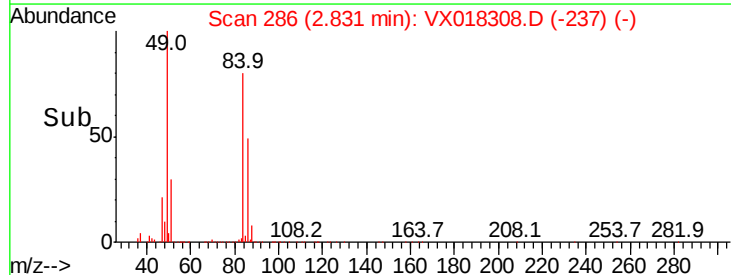
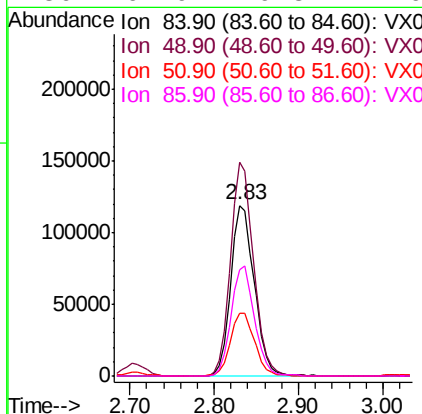
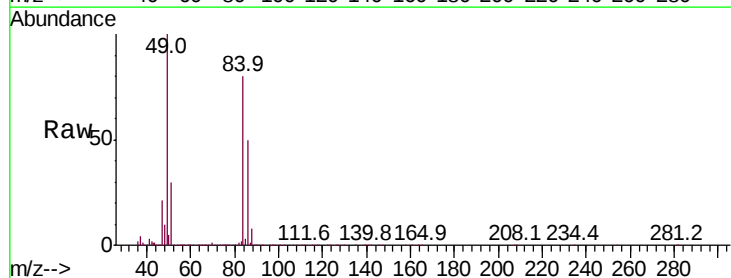
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

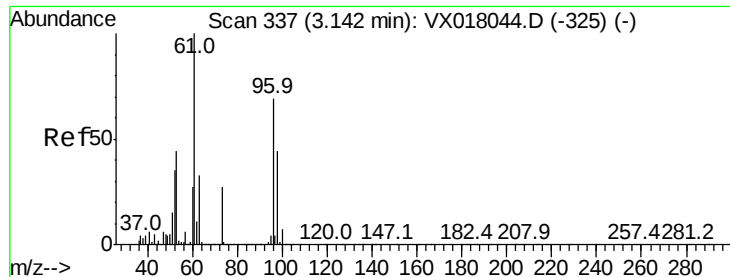
Tot Ion: 73 Resp: 717693
Ion Ratio Lower Upper
73 100
57 22.7 16.8 25.2



#20
Methylene Chloride
Concen: 51.248 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion: 84 Resp: 225369
Ion Ratio Lower Upper
84 100
49 125.0 98.6 148.0
51 37.0 29.6 44.4
86 61.9 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 49.296 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

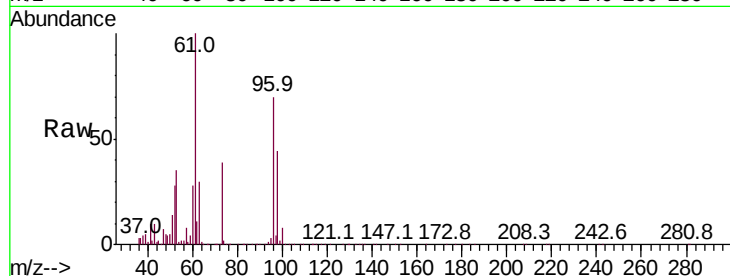
Tot Ion: 96 Resp: 212324

Ion Ratio Lower Upper

96 100

61 142.7 115.4 173.0

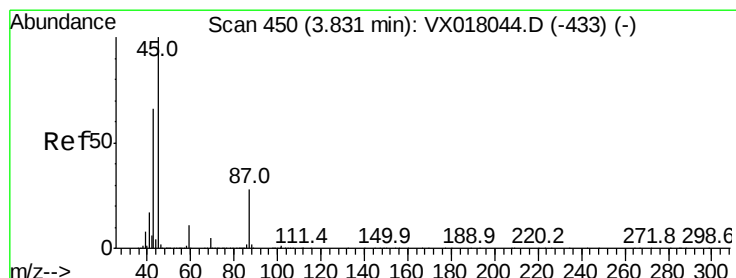
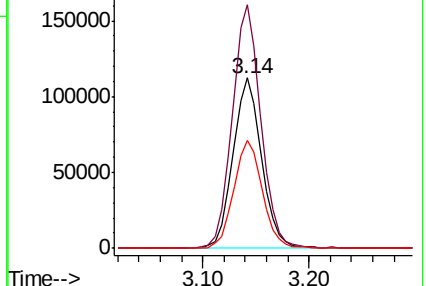
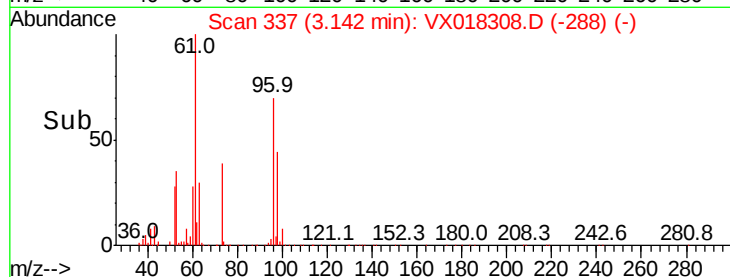
98 63.2 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.516 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Tgt Ion: 45 Resp: 710175

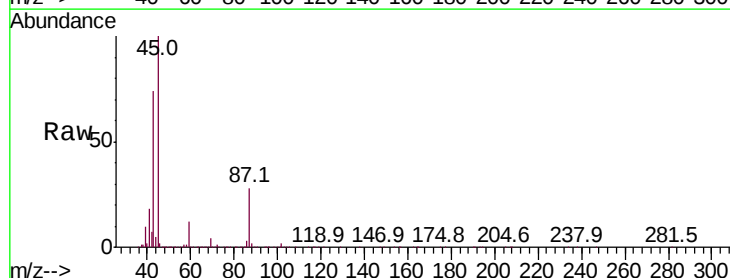
Ion Ratio Lower Upper

45 100

43 73.8 52.8 79.2

87 27.6 22.5 33.7

59 11.7 9.0 13.6

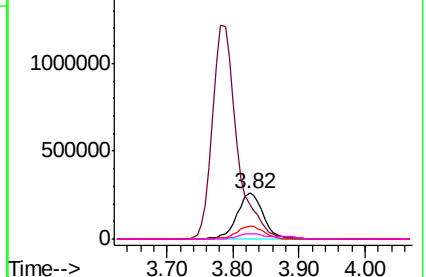
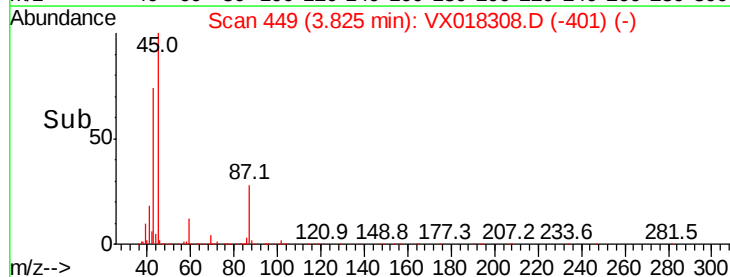


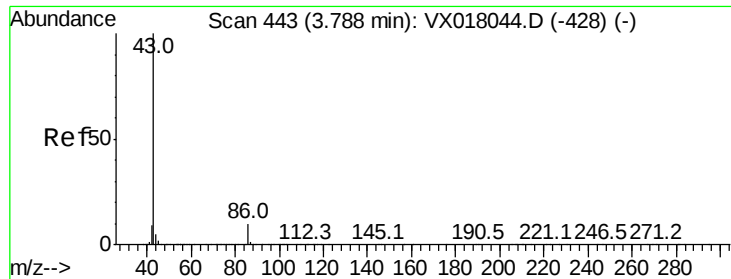
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 255.494 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

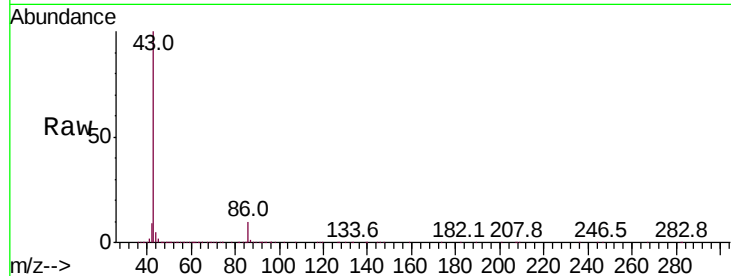
VSTDCCC050EC

Tot Ion: 43 Resp: 3134015

Ion Ratio Lower Upper

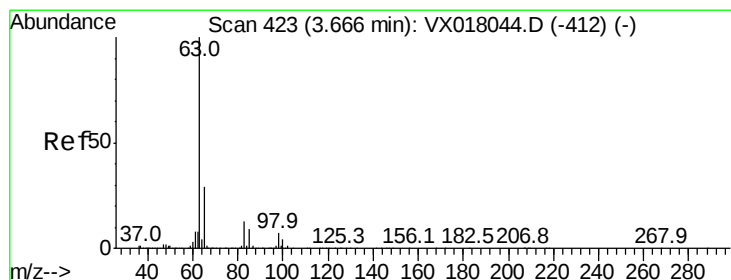
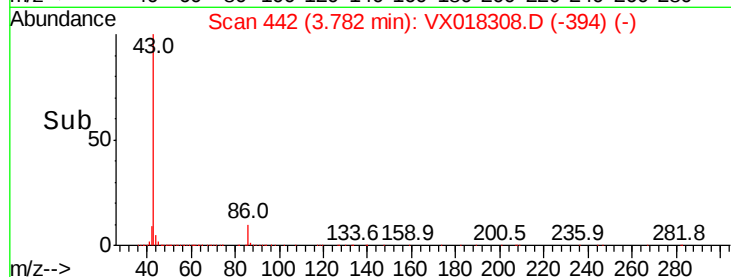
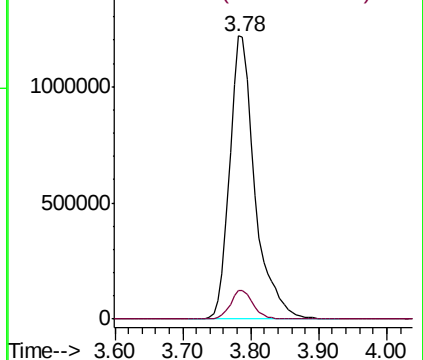
43 100

86 10.1 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.636 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

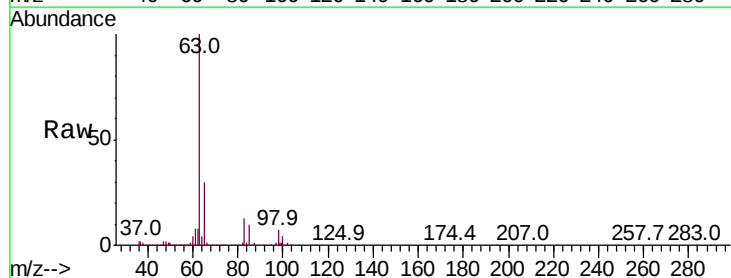
Tgt Ion: 63 Resp: 397360

Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.8

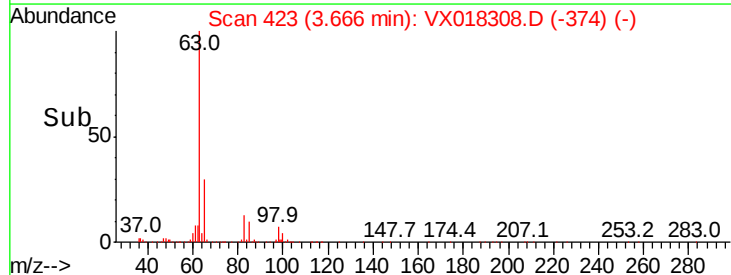
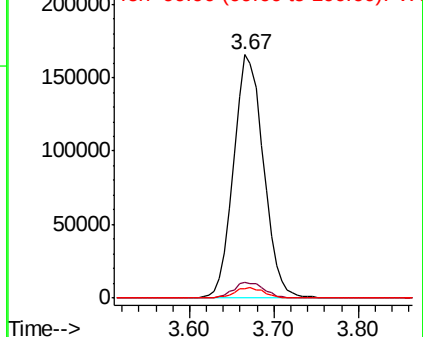
100 4.1 2.0 6.0

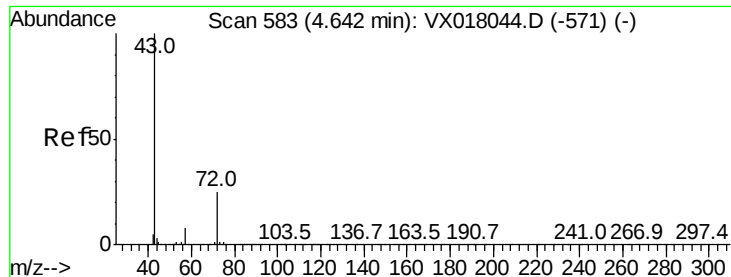


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 249.146 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

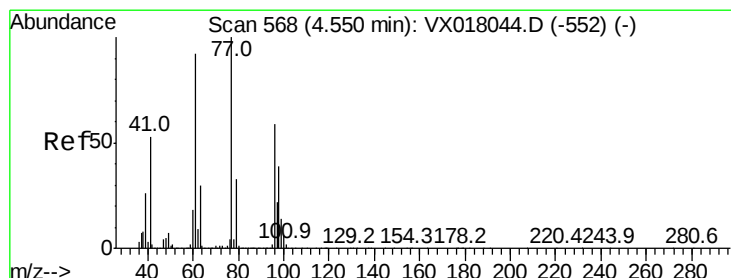
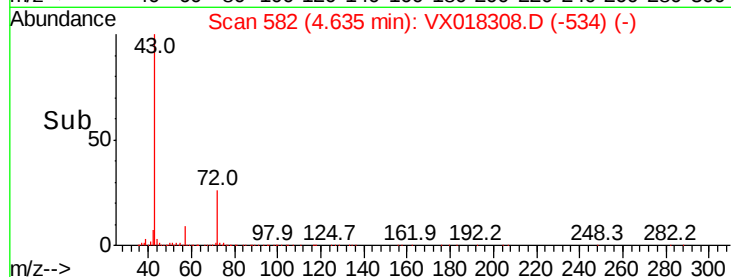
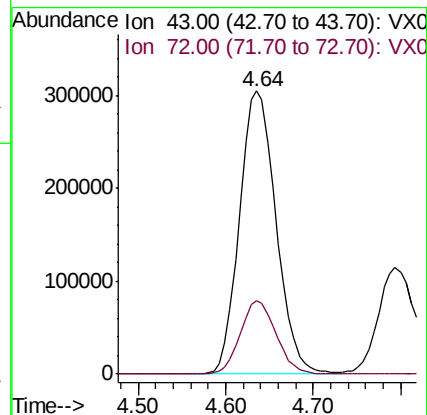
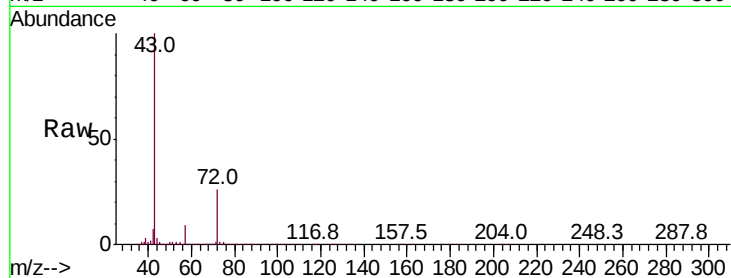
VSTDCCC050EC

Tot Ion: 43 Resp: 881149

Ion Ratio Lower Upper

43 100

72 25.9 19.8 29.6



#26

2,2-Dichloropropane

Concen: 36.985 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018308.D

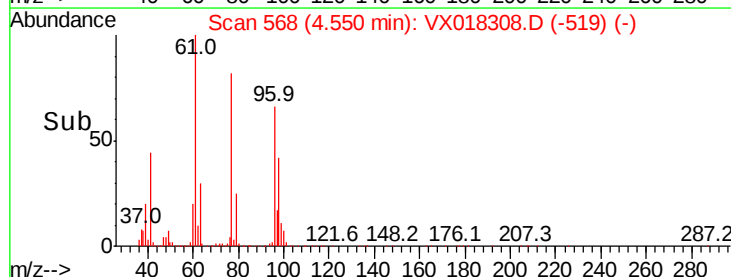
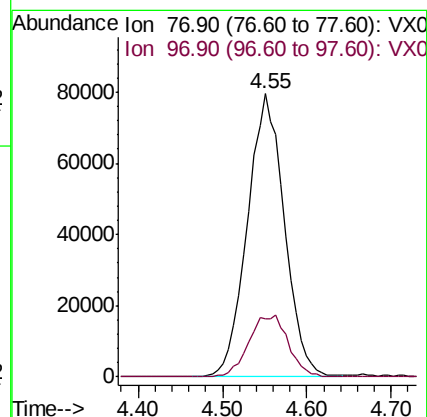
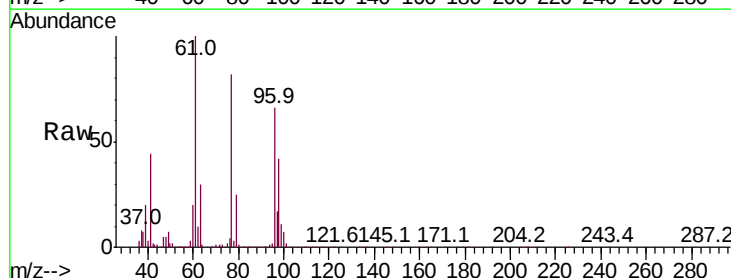
Acq: 09 Sep 2020 04:55

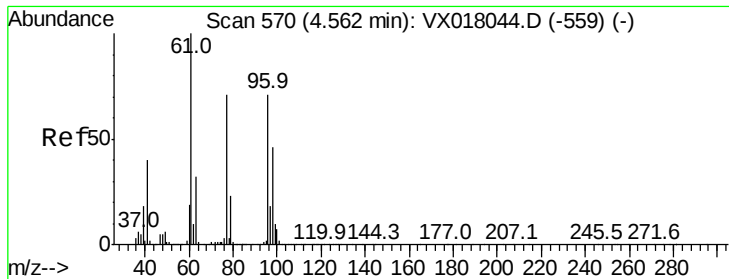
Tgt Ion: 77 Resp: 236145

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.5



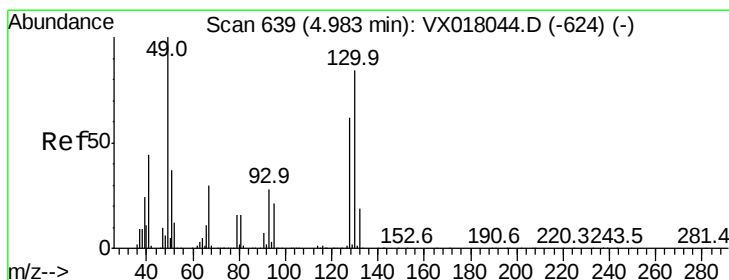
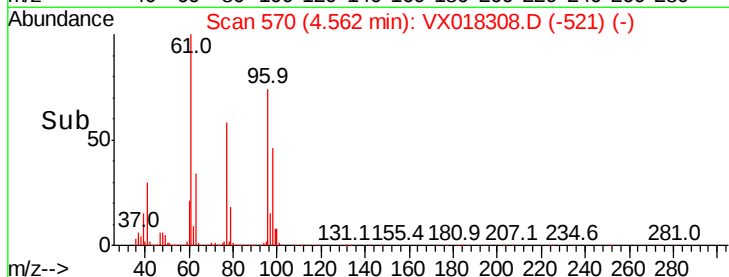
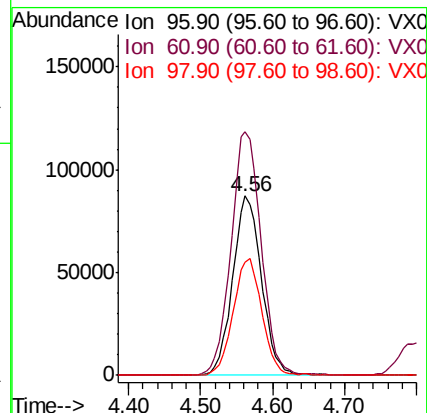
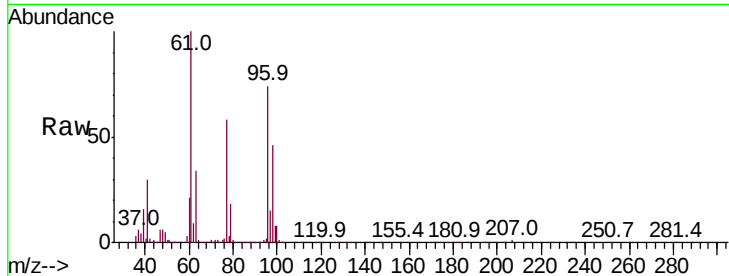


#27

cis-1,2-Dichloroethene
Concen: 48.665 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

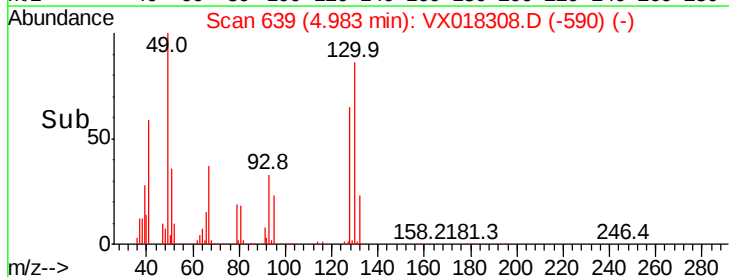
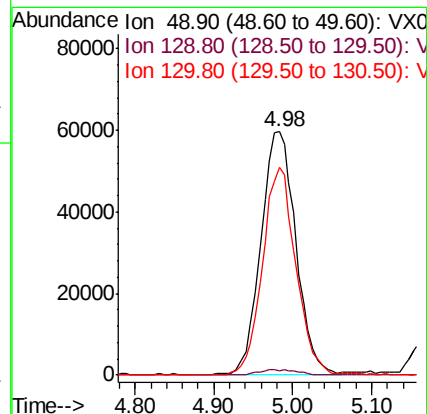
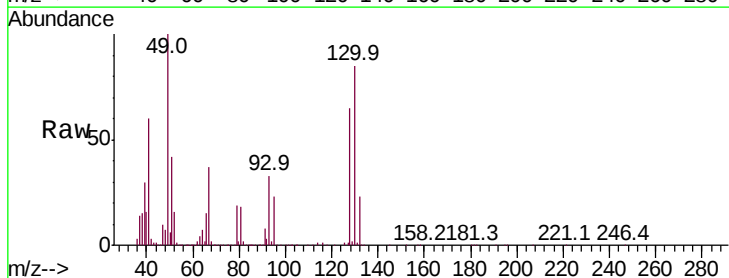
Tot Ion	96	Resp	241507
Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	296.6
98	65.4	0.0	130.2

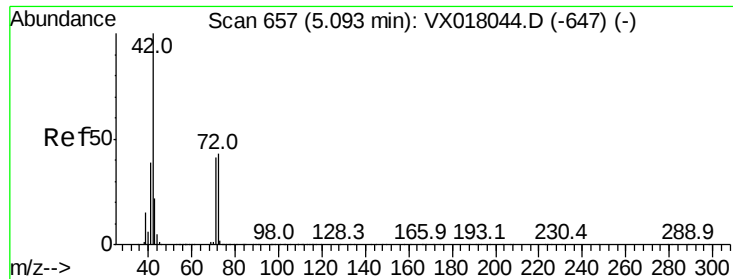


#28

Bromochloromethane
Concen: 48.724 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion	49	Resp	184560
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	81.4	64.6	96.8





#29

Tetrahydrofuran

Concen: 247.636 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

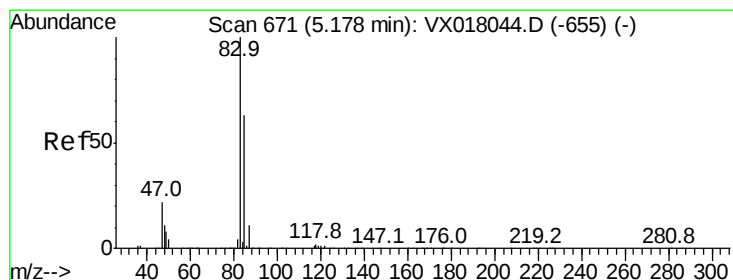
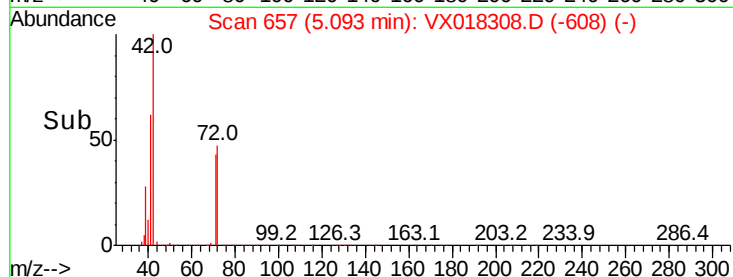
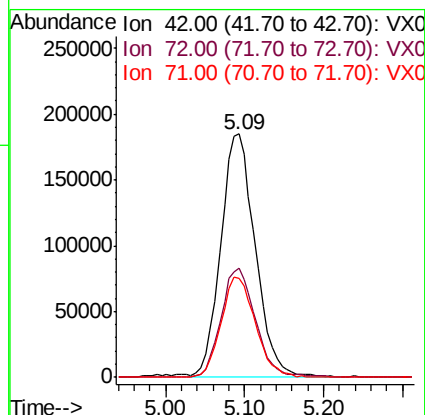
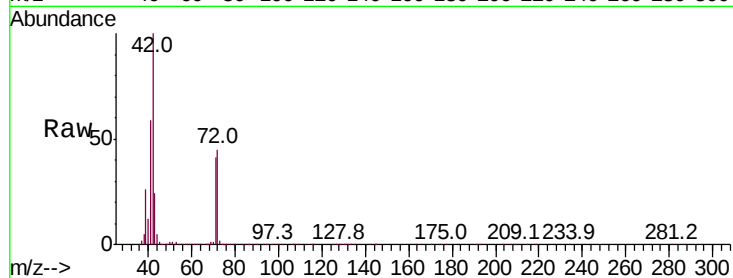
Tot Ion: 42 Resp: 557523

Ion Ratio Lower Upper

42 100

72 45.1 34.2 51.4

71 41.2 32.1 48.1



#30

Chloroform

Concen: 52.426 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX018308.D

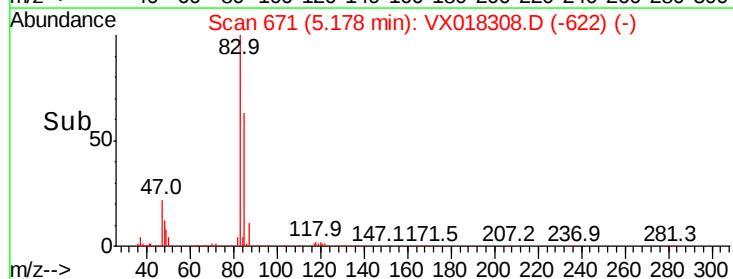
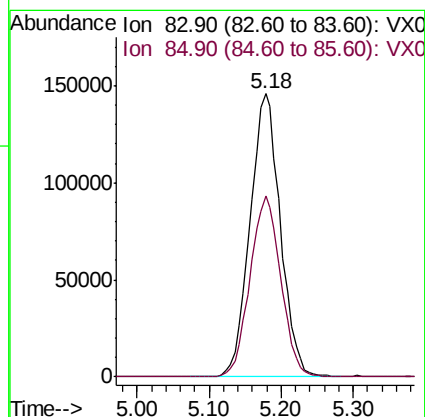
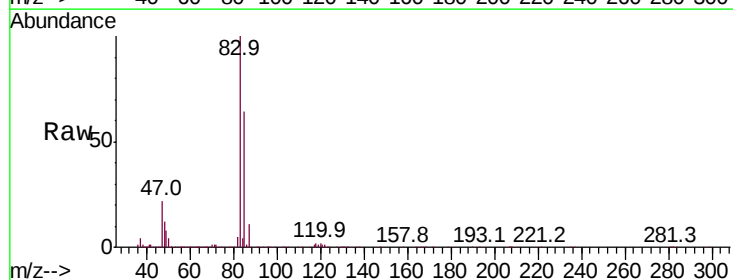
Acq: 09 Sep 2020 04:55

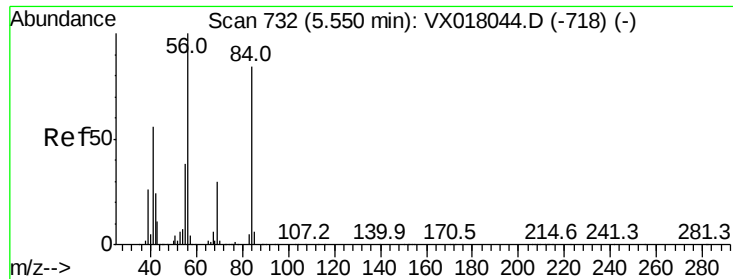
Tgt Ion: 83 Resp: 425988

Ion Ratio Lower Upper

83 100

85 64.1 50.7 76.1

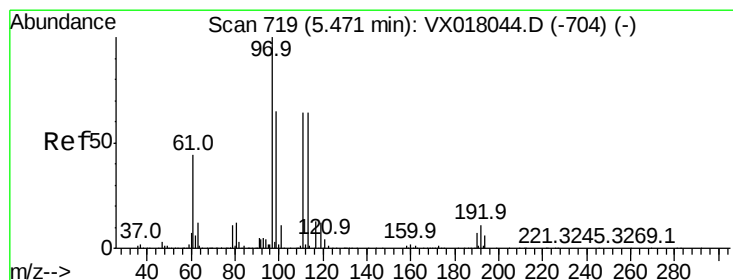
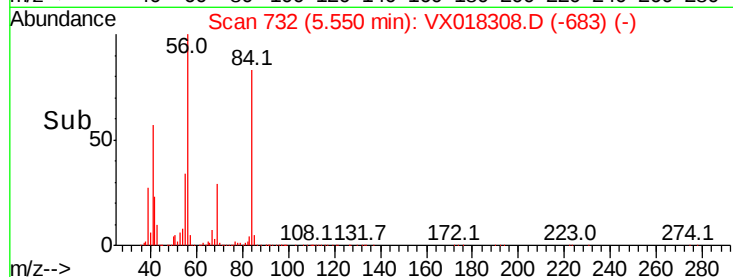
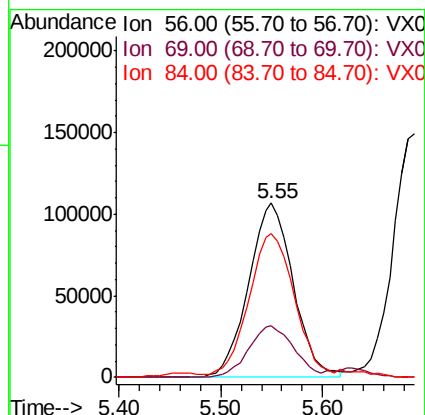
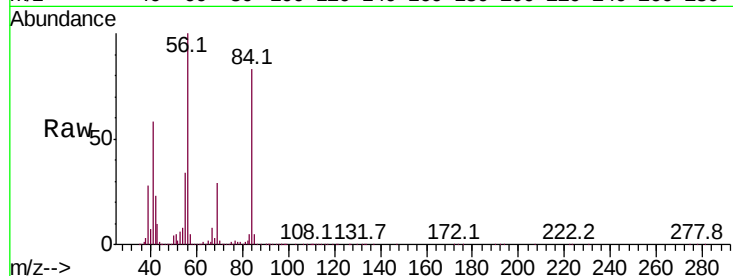




#31
Cyclohexane
Concen: 48.806 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

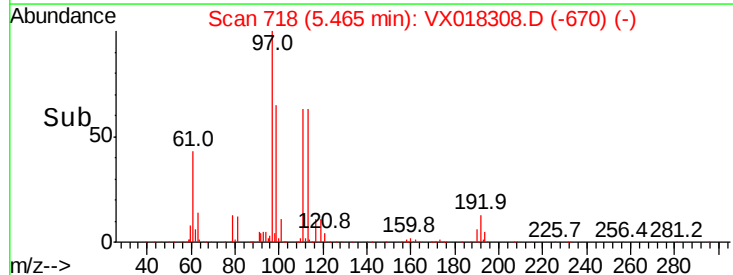
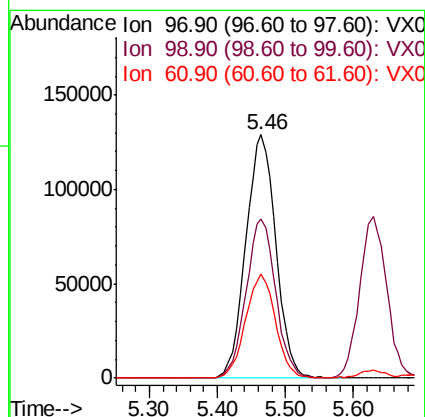
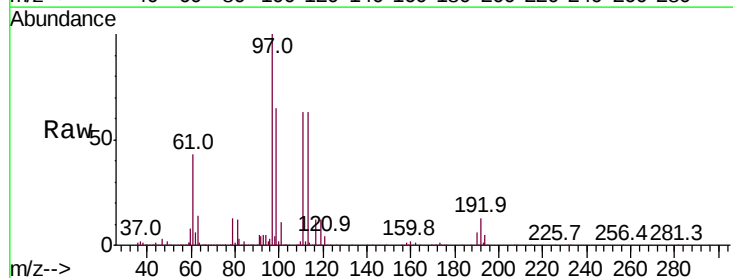
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

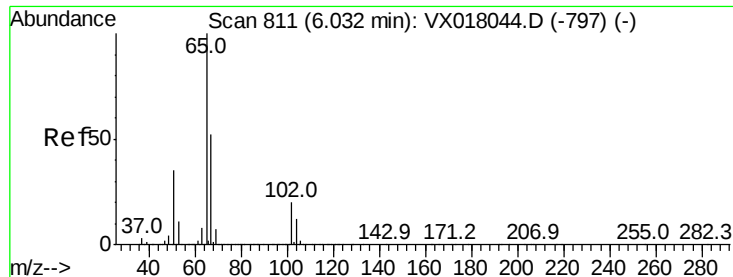
Tot Ion: 56 Resp: 322623
Ion Ratio Lower Upper
56 100
69 29.0 23.9 35.9
84 80.5 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 53.152 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion: 97 Resp: 396340
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.0
61 42.6 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 54.231 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

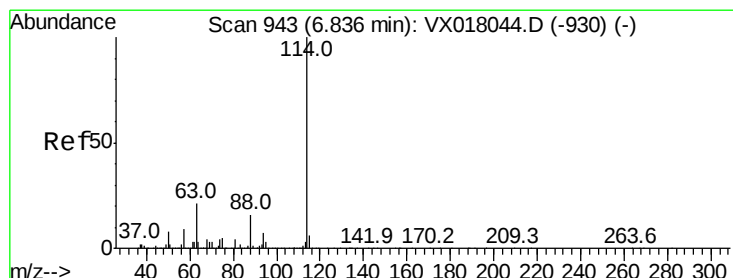
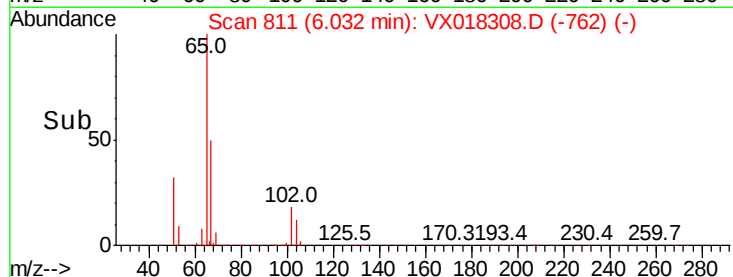
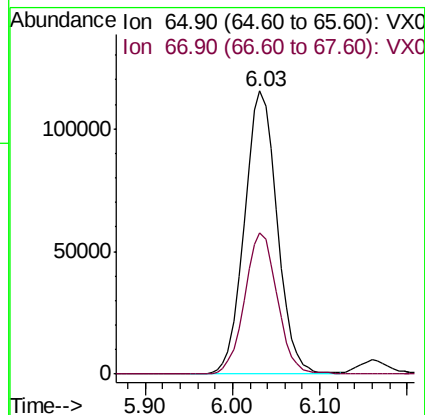
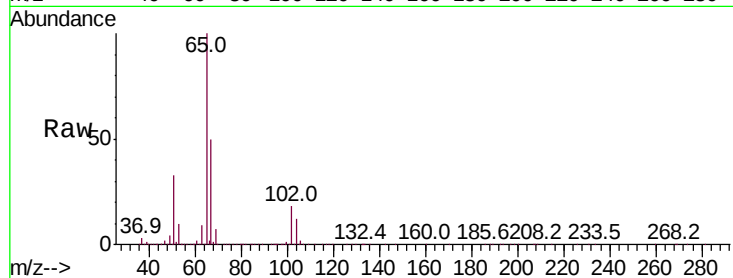
VSTDCCC050EC

Tot Ion: 65 Resp: 299502

Ion Ratio Lower Upper

65 100

67 49.6 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: VX018308.D

Acq: 09 Sep 2020 04:55

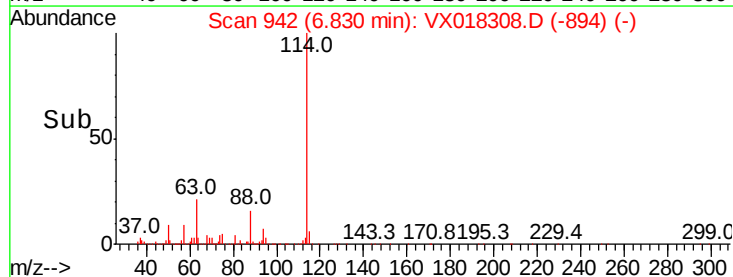
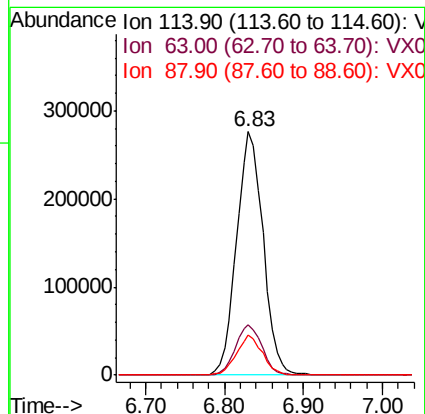
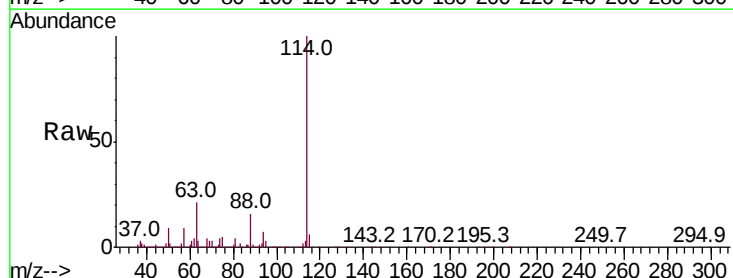
Tgt Ion: 114 Resp: 647405

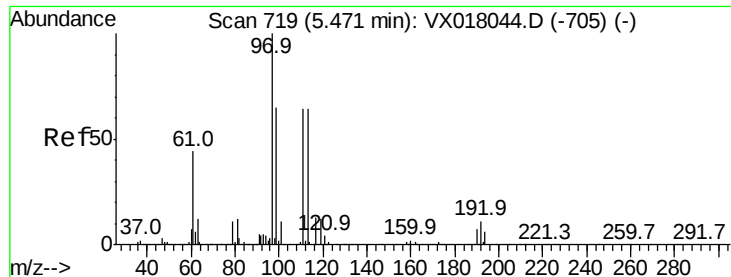
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

88 16.3 0.0 31.8

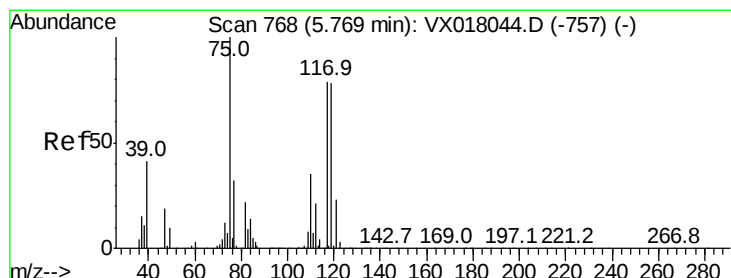
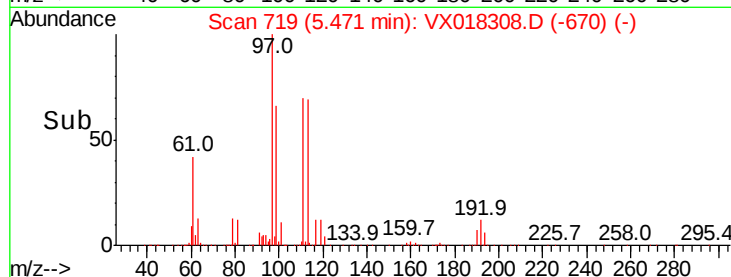
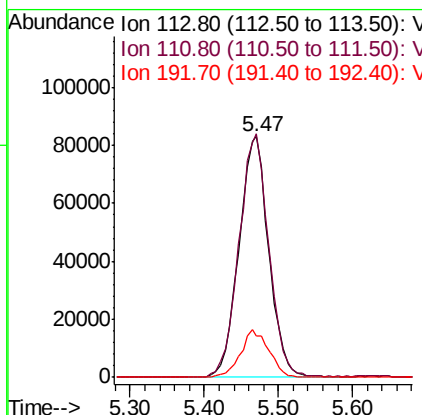
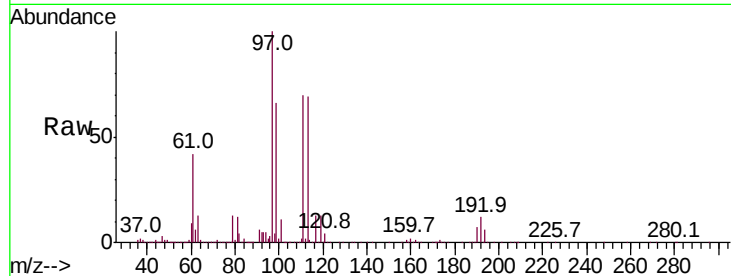




#35
Dibromofluoromethane
Concen: 52.811 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

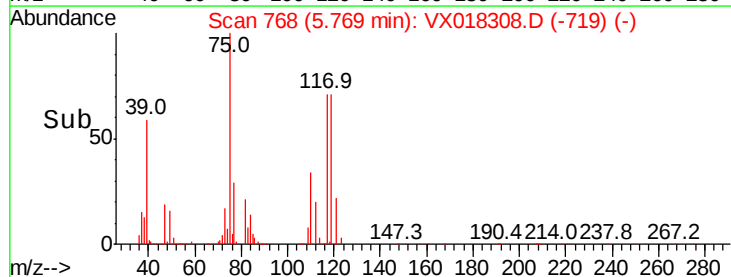
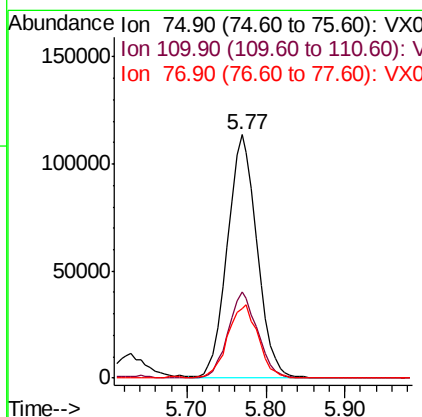
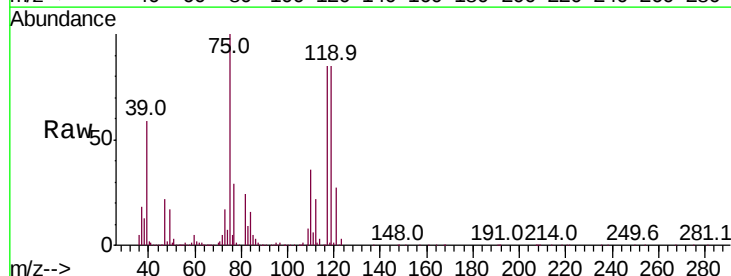
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

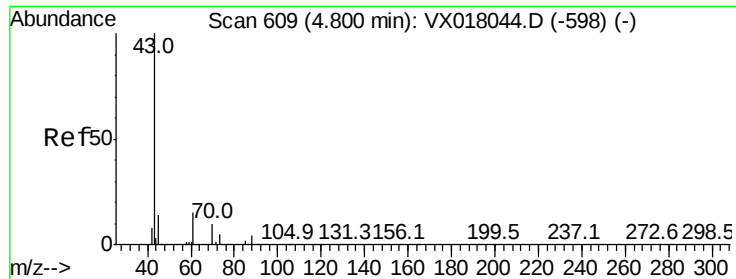
Tot Ion:113 Resp: 232851
Ion Ratio Lower Upper
113 100
111 101.6 81.6 122.4
192 19.0 15.8 23.8



#36
1,1-Dichloropropene
Concen: 49.758 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion: 75 Resp: 297122
Ion Ratio Lower Upper
75 100
110 35.1 18.0 54.0
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 48.995 ug/l

RT: 4.79 min Scan# 608

Delta R.T. -0.01 min

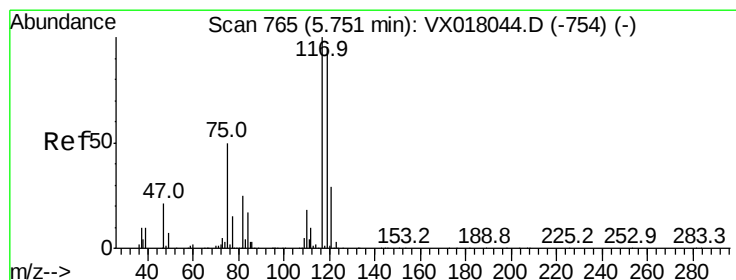
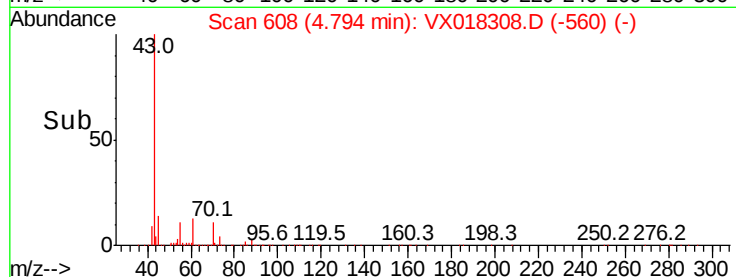
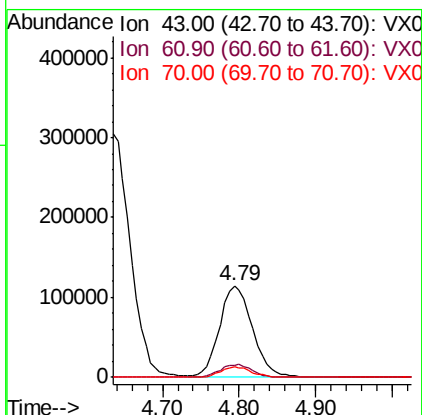
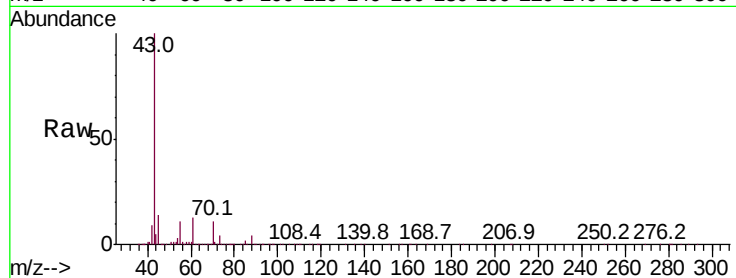
Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 339796

Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.3	16.9
70	10.7	8.2	12.4



#38

Carbon Tetrachloride

Concen: 54.351 ug/l

RT: 5.76 min Scan# 766

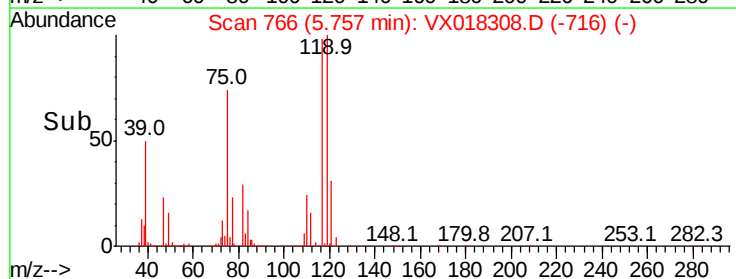
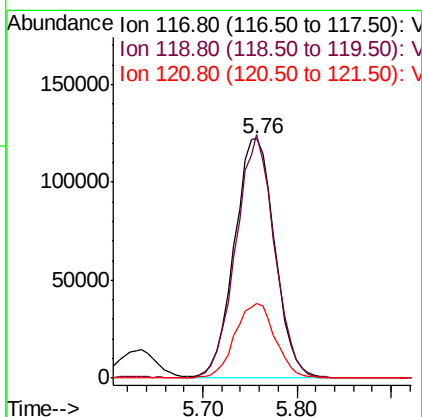
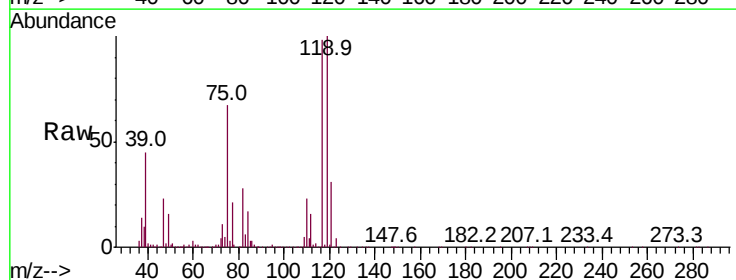
Delta R.T. 0.01 min

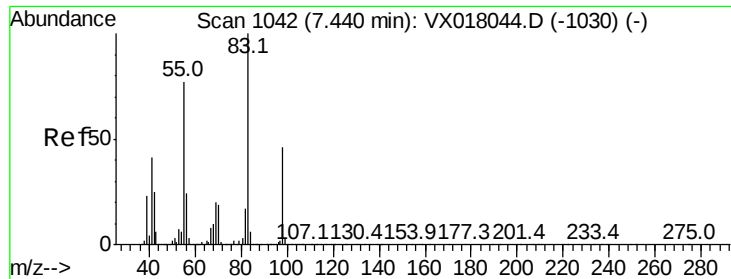
Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Tgt Ion: 117 Resp: 365751

Ion	Ratio	Lower	Upper
117	100		
119	101.7	75.8	113.6
121	31.0	23.4	35.0

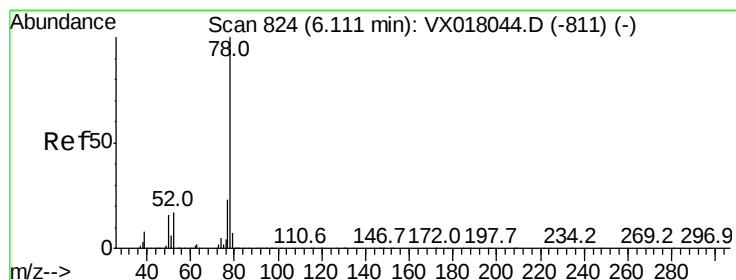
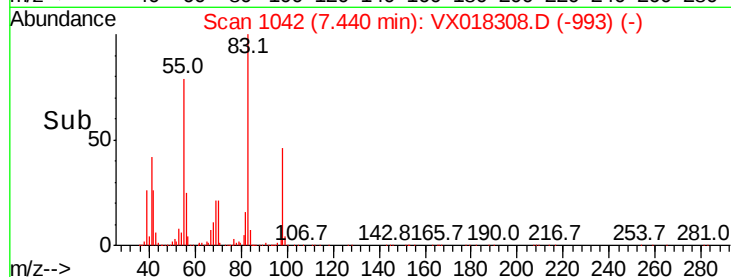
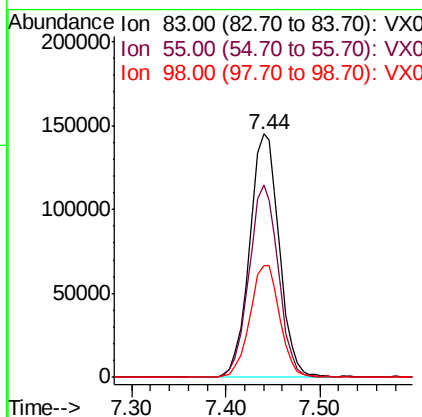
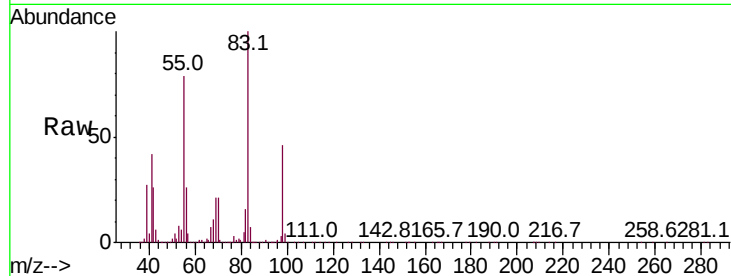




#39
Methylvlcvclohexane
Concen: 49.255 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

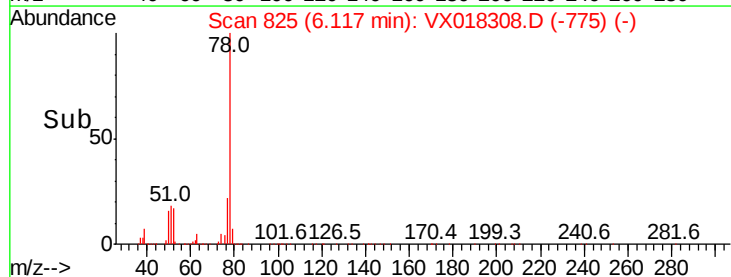
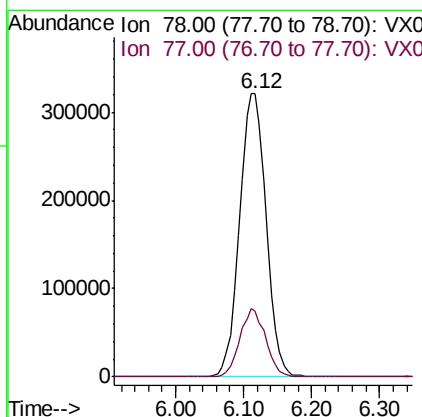
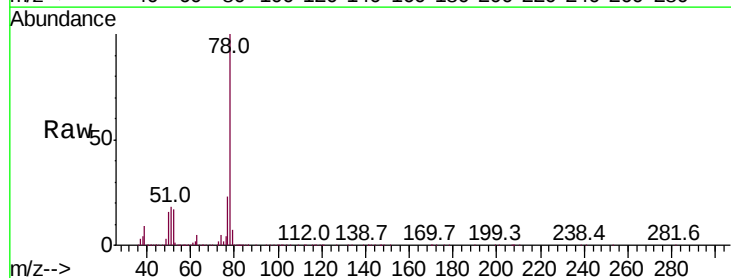
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

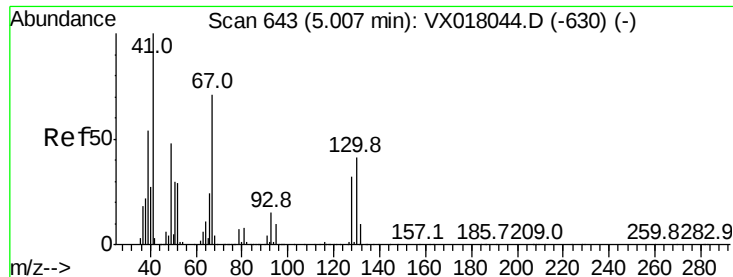
Tot Ion: 83 Resp: 321610
Ion Ratio Lower Upper
83 100
55 79.0 61.8 92.6
98 46.0 36.6 55.0



#40
Benzene
Concen: 49.449 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion: 78 Resp: 867640
Ion Ratio Lower Upper
78 100
77 23.4 18.2 27.2





#41

Methacrylonitrile

Concen: 47.867 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 182277

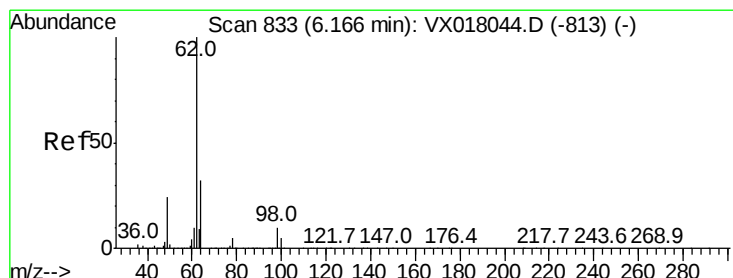
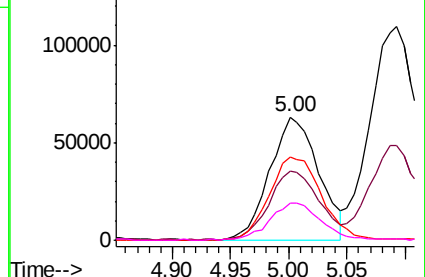
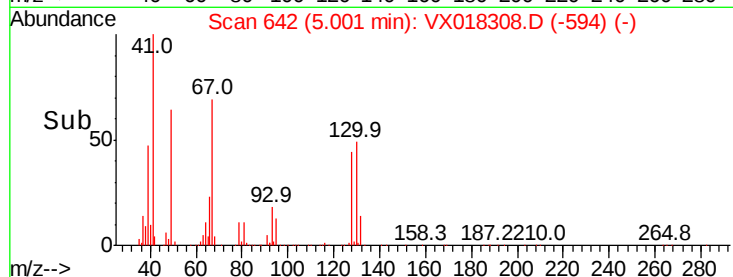
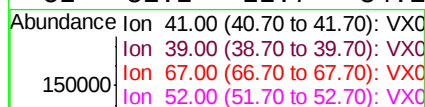
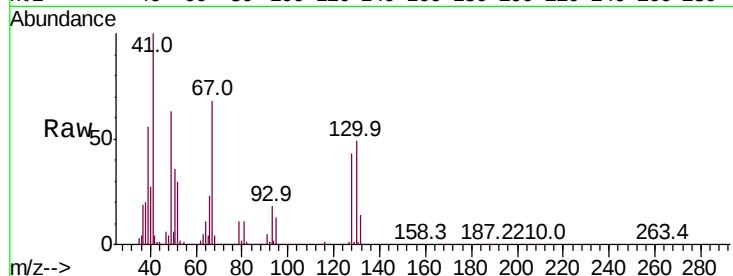
Ion Ratio Lower Upper

41 100

39 57.3 43.1 64.7

67 72.4 56.0 84.0

52 31.2 22.7 34.1



#42

1,2-Dichloroethane

Concen: 53.845 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX018308.D

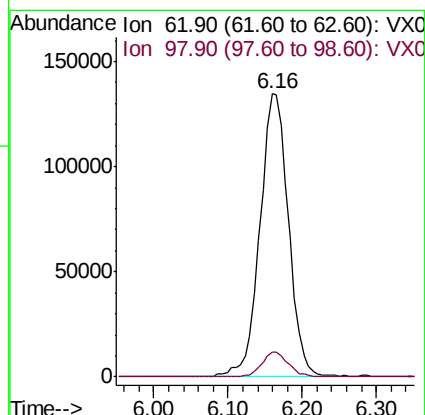
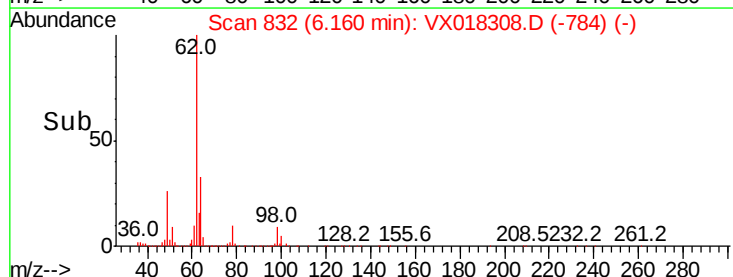
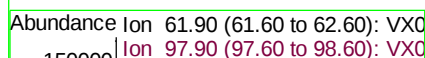
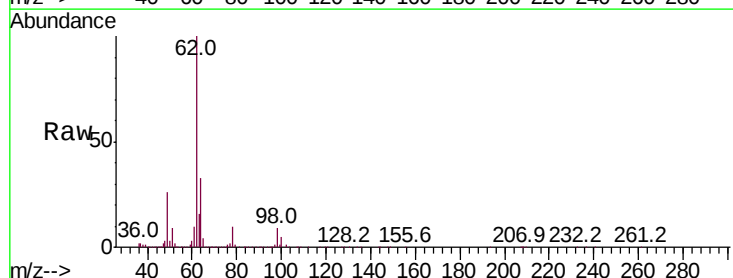
Acq: 09 Sep 2020 04:55

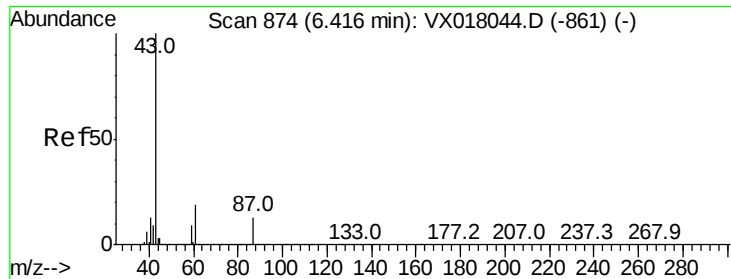
Tgt Ion: 62 Resp: 361975

Ion Ratio Lower Upper

62 100

98 8.2 0.0 18.2





#43

Isopropyl Acetate

Concen: 49.024 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

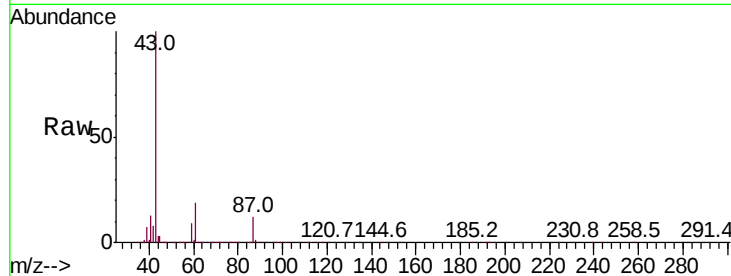
Tot Ion: 43 Resp: 549157

Ion Ratio Lower Upper

43 100

61 19.6 15.7 23.5

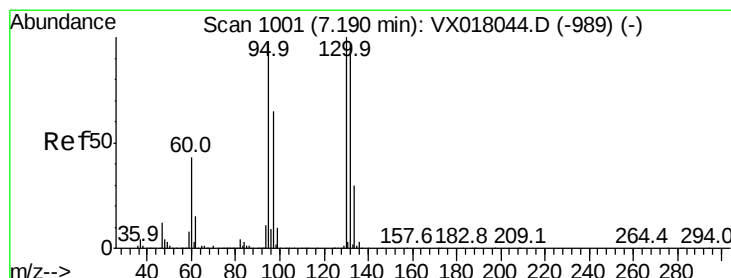
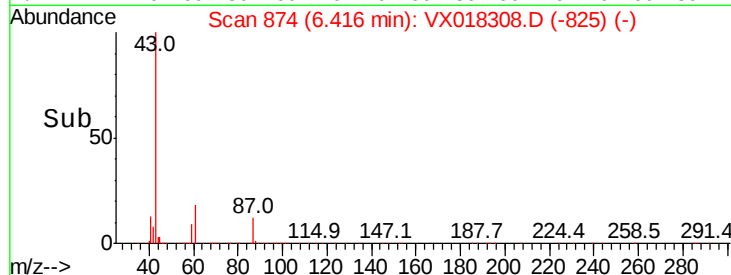
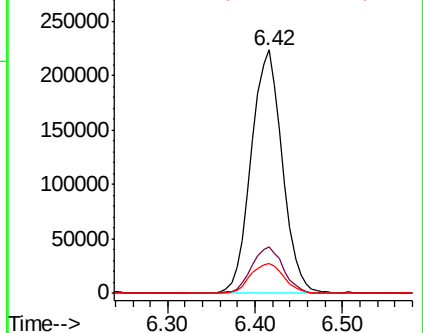
87 13.3 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.839 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018308.D

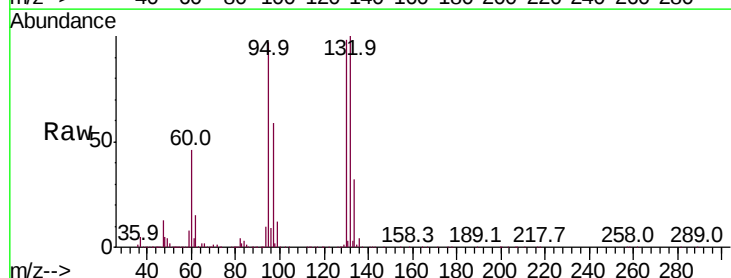
Acq: 09 Sep 2020 04:55

Tgt Ion:130 Resp: 247092

Ion Ratio Lower Upper

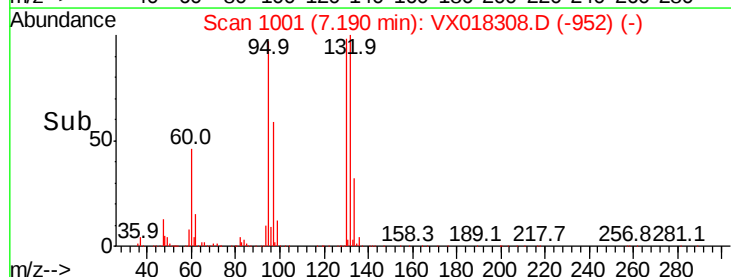
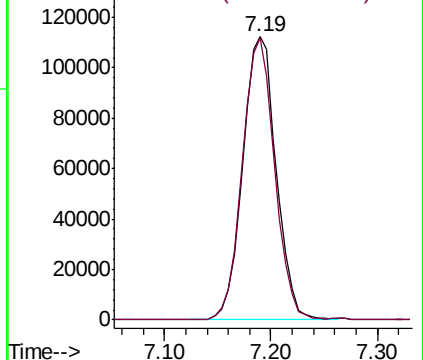
130 100

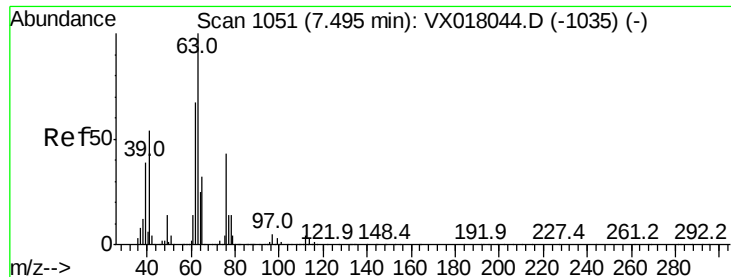
95 99.7 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.439 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

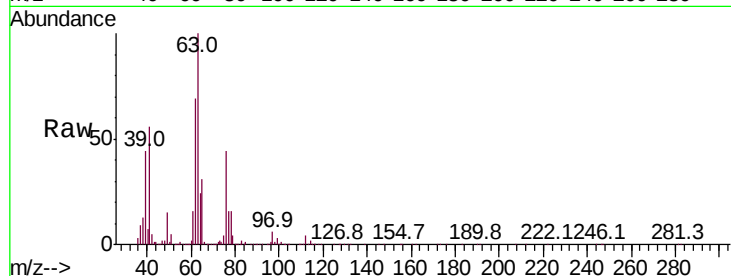
VSTDCCC050EC

Tot Ion: 63 Resp: 233797

Ion Ratio Lower Upper

63 100

65 30.6 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

120000

100000

80000

60000

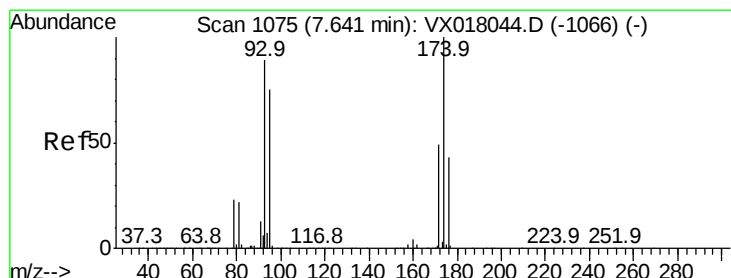
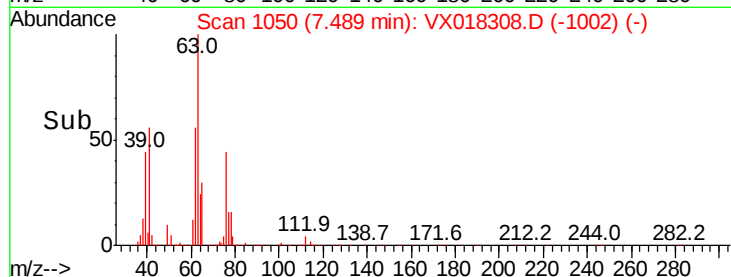
40000

20000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 50.544 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

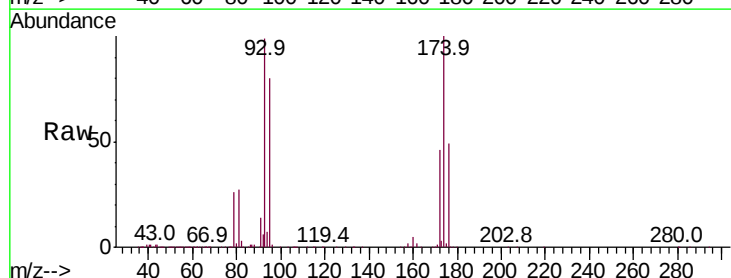
Tgt Ion: 93 Resp: 168084

Ion Ratio Lower Upper

93 100

95 82.1 67.3 100.9

174 102.9 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

120000

100000

80000

60000

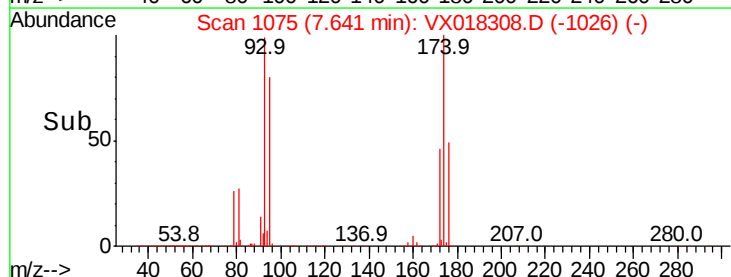
40000

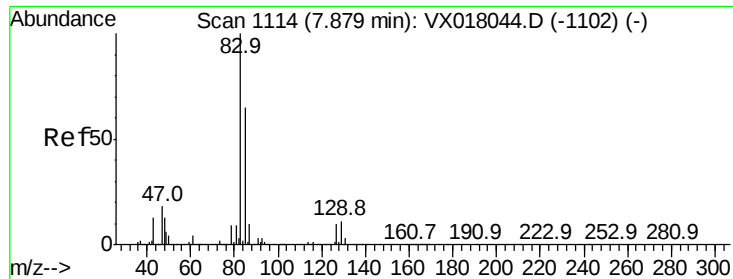
20000

0

7.50 7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 53.488 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

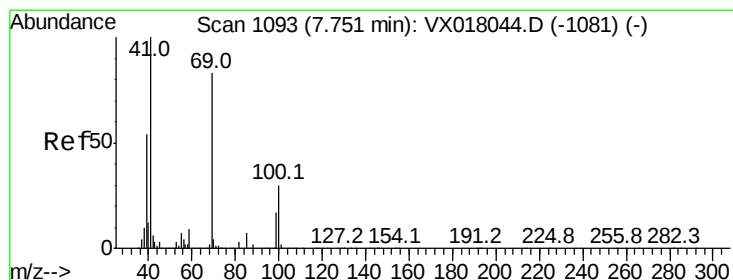
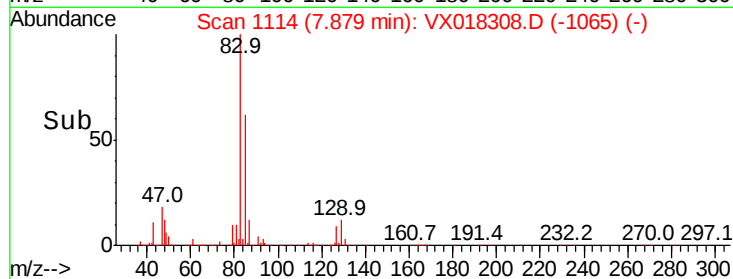
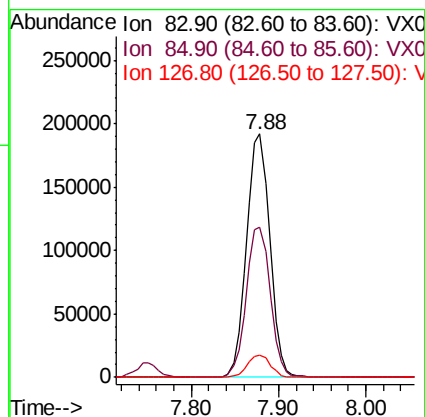
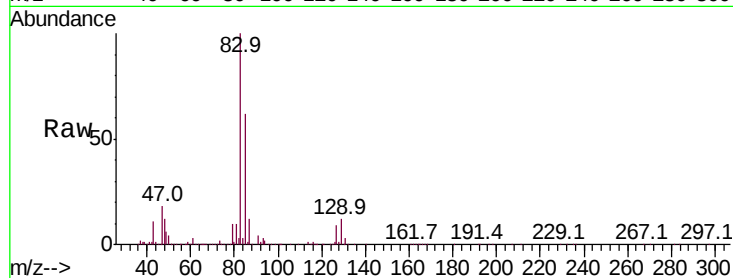
Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 355159

Ion	Ratio	Lower	Upper
83	100		
85	61.4	51.8	77.6
127	9.0	7.7	11.5



#48

Methyl methacrylate

Concen: 49.345 ug/l

RT: 7.74 min Scan# 1092

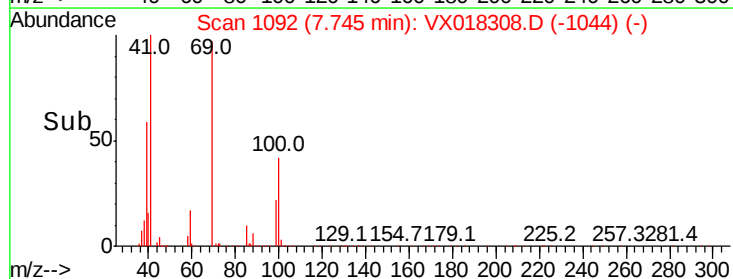
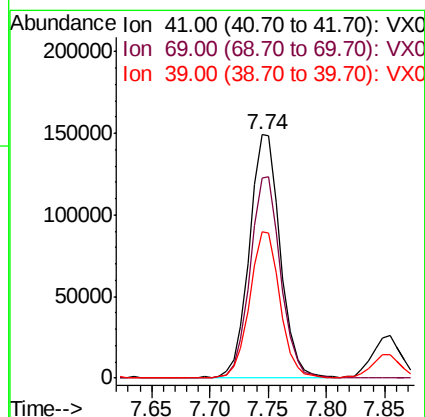
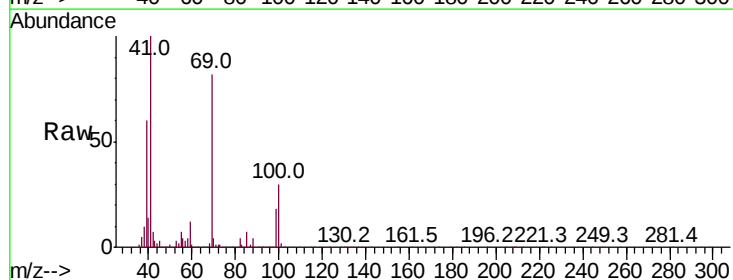
Delta R.T. -0.01 min

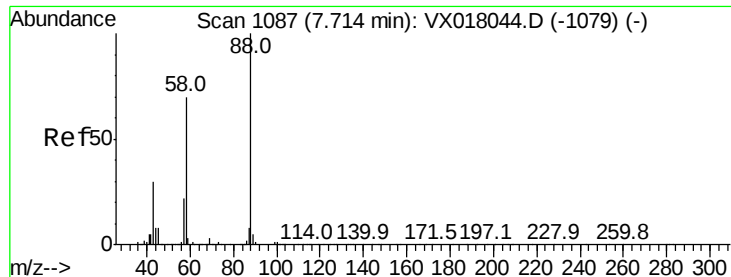
Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Tgt Ion: 41 Resp: 275165

Ion	Ratio	Lower	Upper
41	100		
69	82.2	65.5	98.3
39	58.9	44.5	66.7





#49

1,4-Dioxane

Concen: 873.885 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

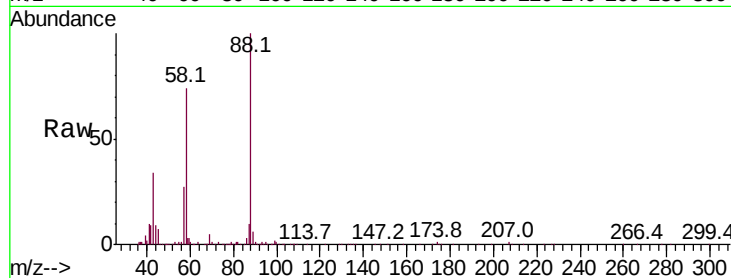
Tot Ion: 88 Resp: 88272

Ion Ratio Lower Upper

88 100

43 37.5 27.4 41.0

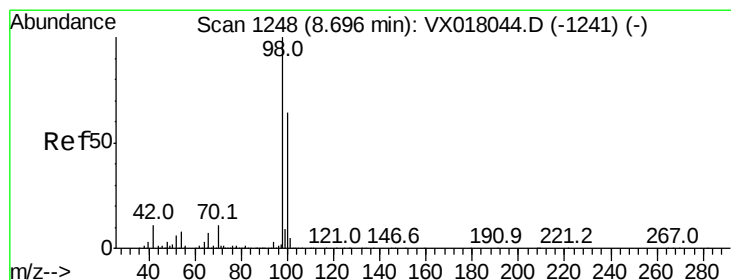
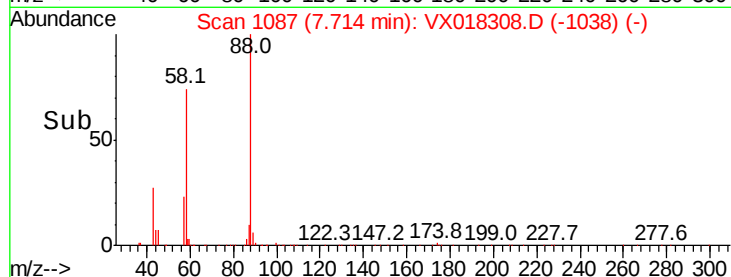
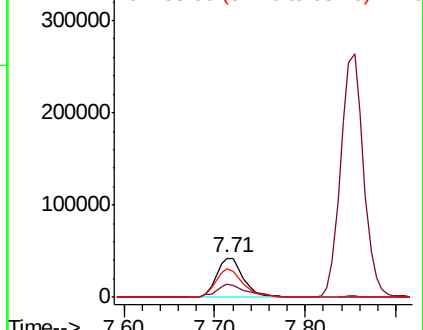
58 73.3 56.4 84.6



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: 50.042 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018308.D

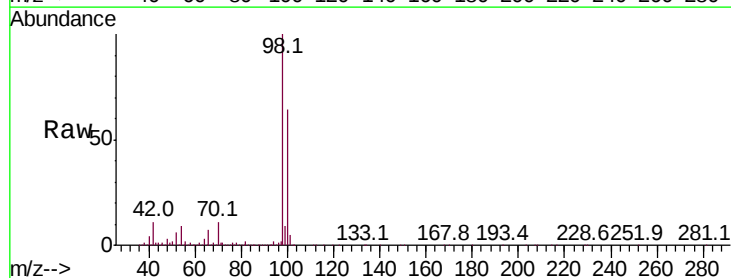
Acq: 09 Sep 2020 04:55

Tgt Ion: 98 Resp: 821796

Ion Ratio Lower Upper

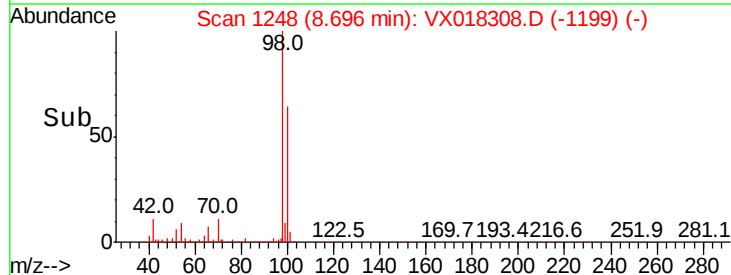
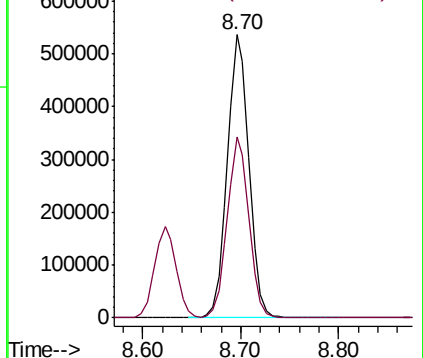
98 100

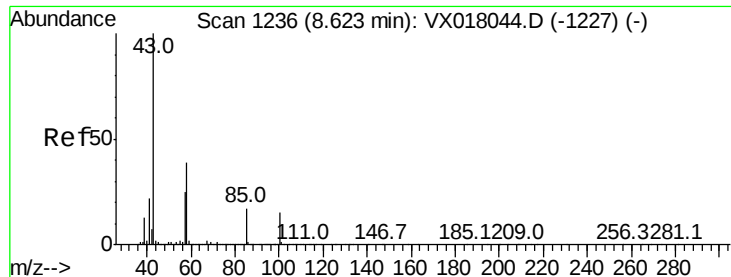
100 64.2 52.2 78.4



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: 257.124 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

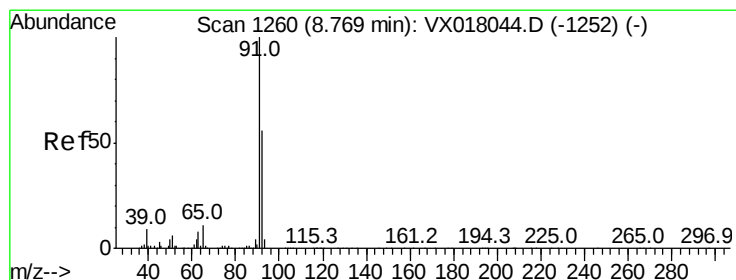
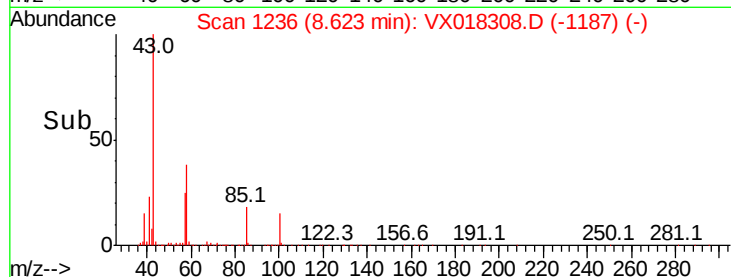
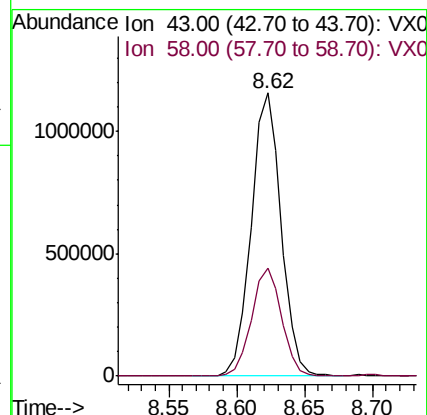
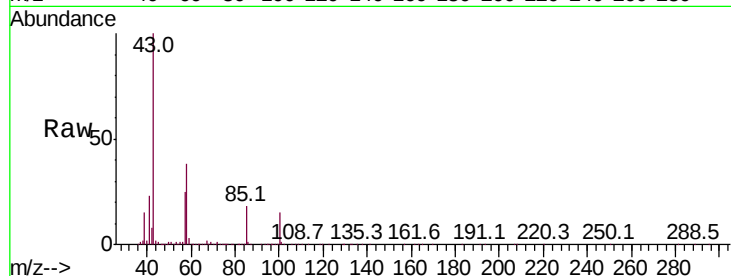
VSTDCCC050EC

Tot Ion: 43 Resp: 1779167

Ion Ratio Lower Upper

43 100

58 38.4 30.7 46.1



#52

Toluene

Concen: 49.774 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018308.D

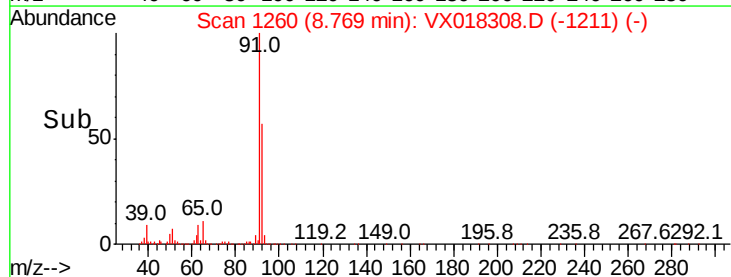
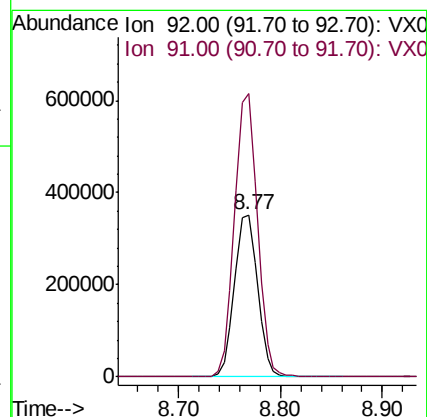
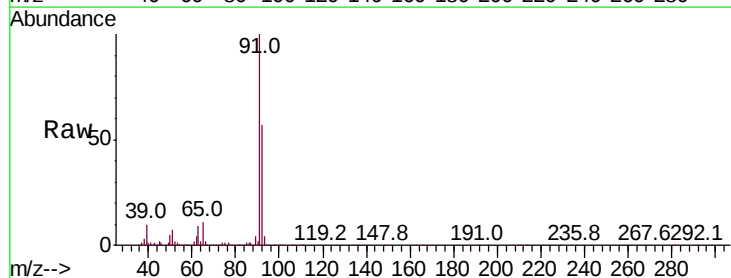
Acq: 09 Sep 2020 04:55

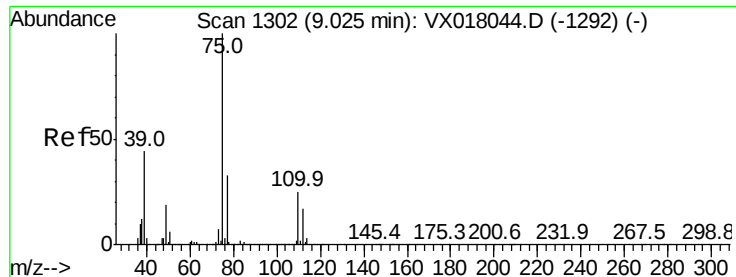
Tgt Ion: 92 Resp: 553783

Ion Ratio Lower Upper

92 100

91 172.8 140.3 210.5

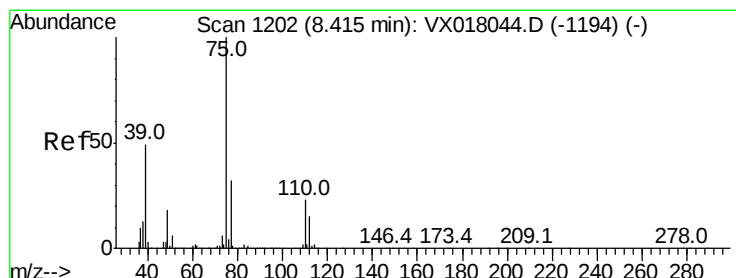
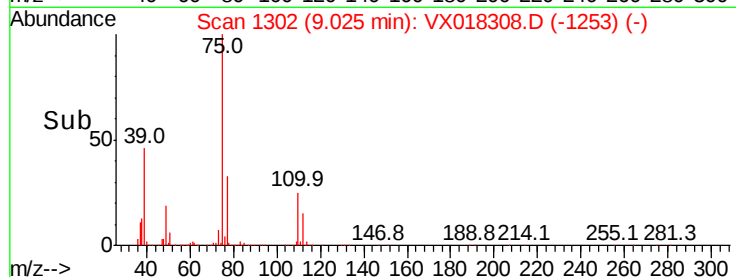
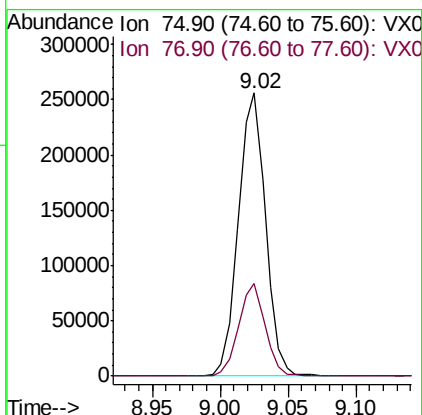
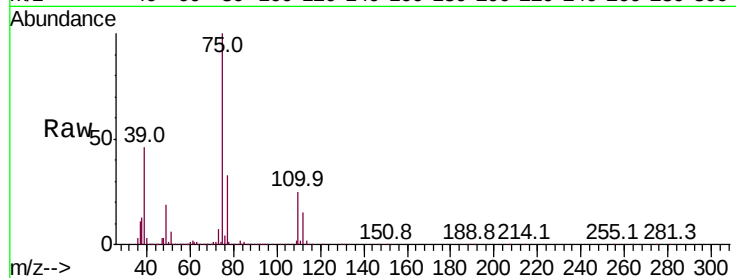




#53
t-1,3-Dichloropropene
Concen: 48.378 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

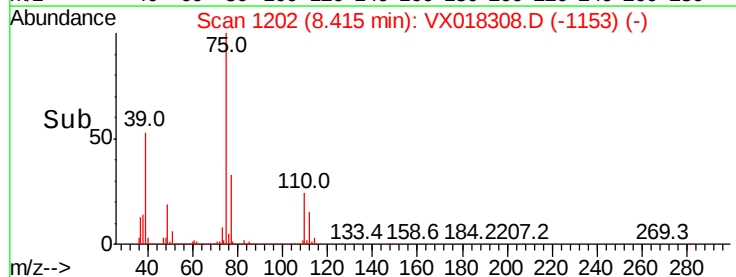
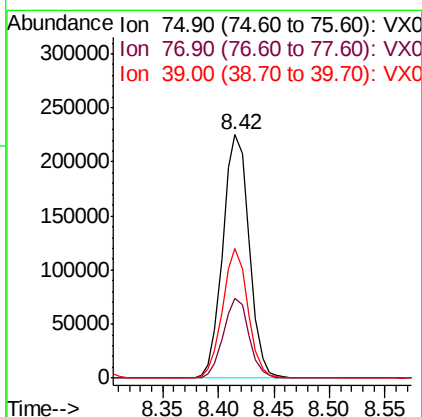
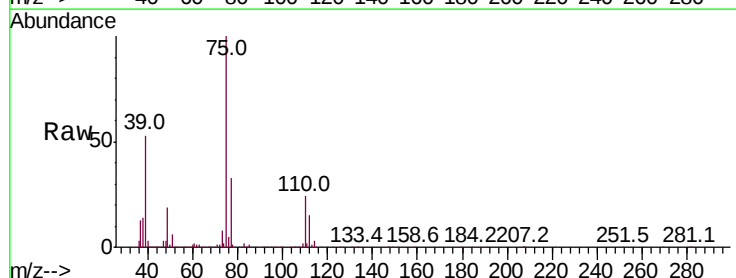
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

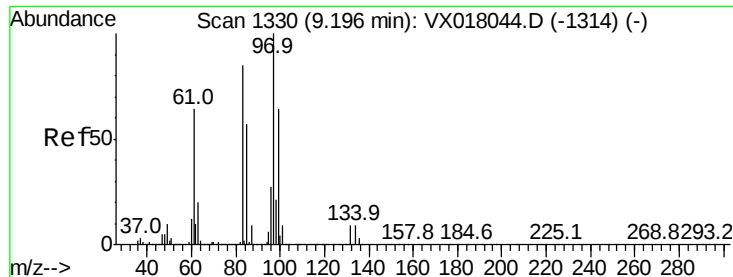
Tot Ion: 75 Resp: 356020
Ion Ratio Lower Upper
75 100
77 32.7 26.6 39.8



#54
cis-1,3-Dichloropropene
Concen: 47.247 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion: 75 Resp: 368321
Ion Ratio Lower Upper
75 100
77 33.0 25.8 38.8
39 53.3 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 49.731 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 235981

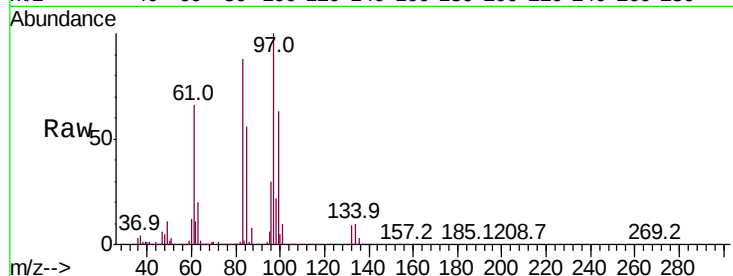
Ion Ratio Lower Upper

97 100

83 87.6 67.8 101.6

85 56.2 45.3 67.9

99 62.8 50.9 76.3

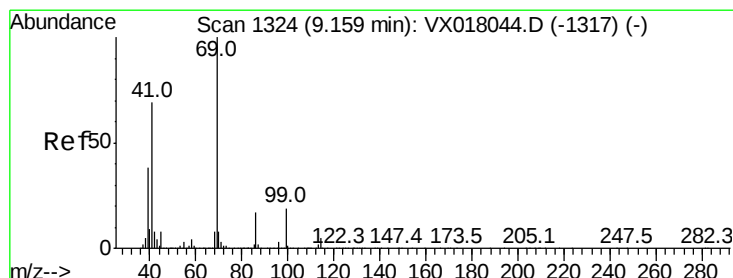
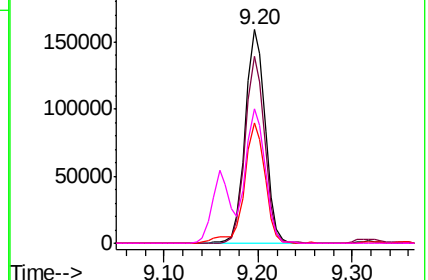
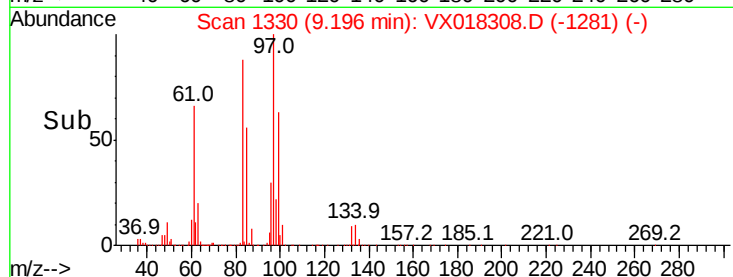


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 50.609 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

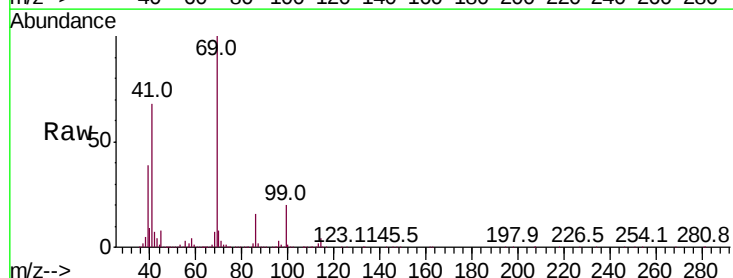
Tgt Ion: 69 Resp: 357001

Ion Ratio Lower Upper

69 100

41 68.2 54.6 81.8

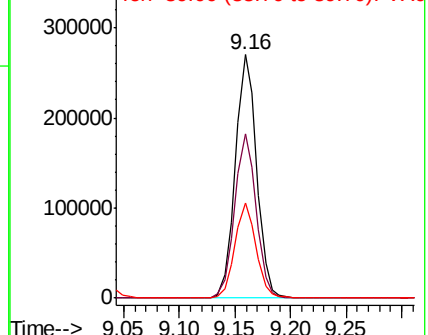
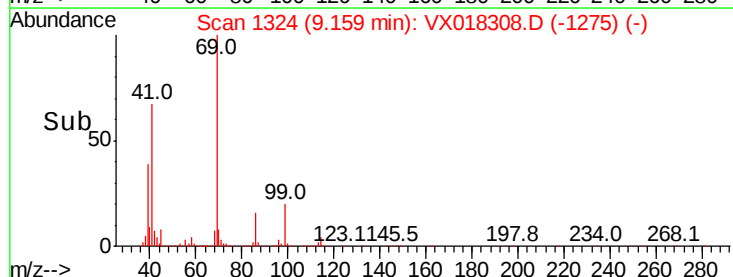
39 38.7 29.1 43.7

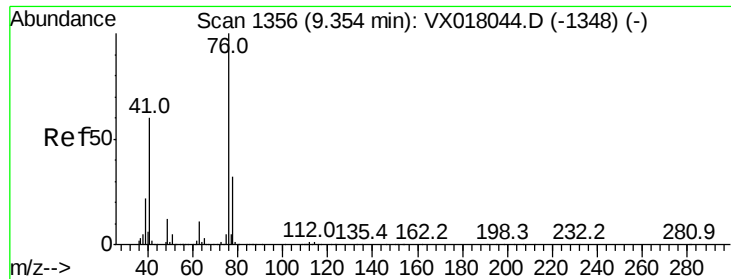


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.305 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

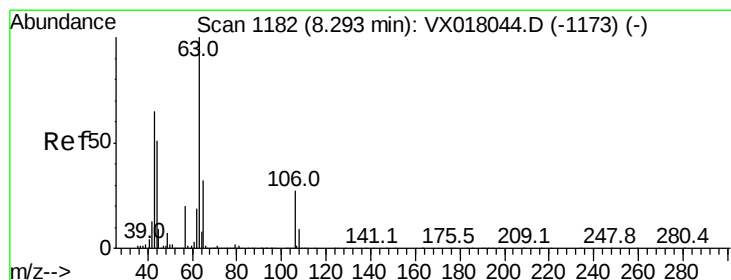
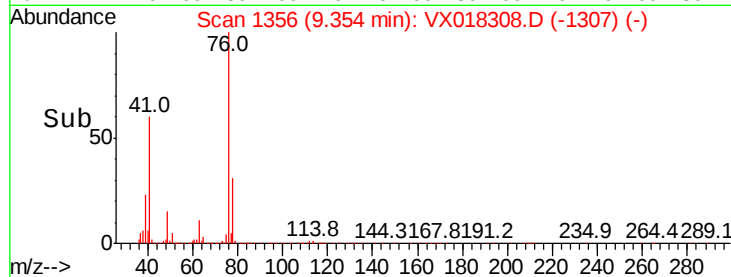
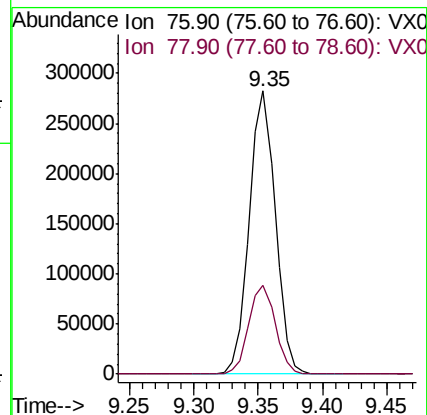
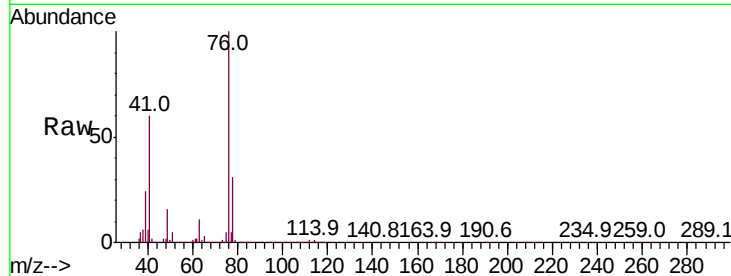
VSTDCCC050EC

Tot Ion: 76 Resp: 393707

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 197.739 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018308.D

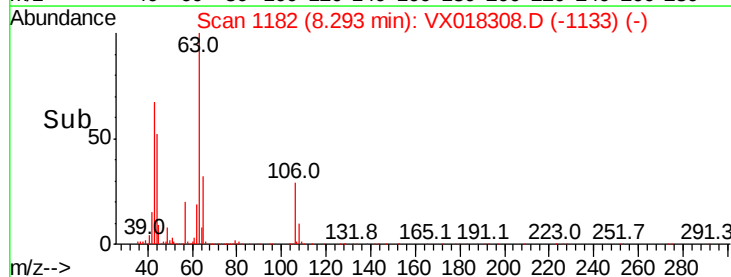
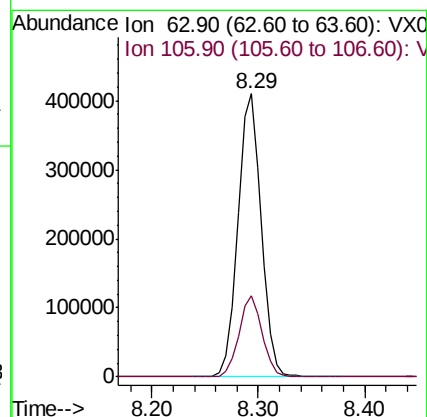
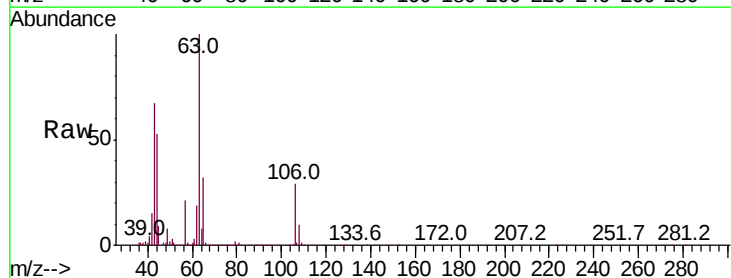
Acq: 09 Sep 2020 04:55

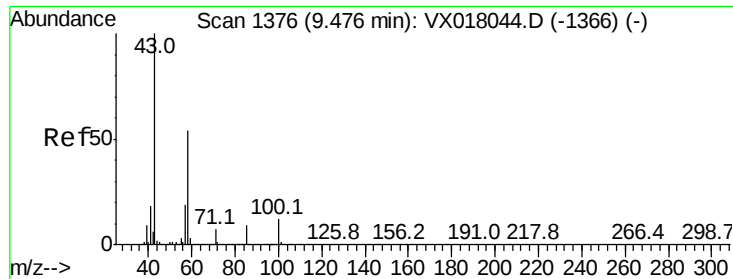
Tgt Ion: 63 Resp: 627481

Ion Ratio Lower Upper

63 100

106 28.7 22.1 33.1

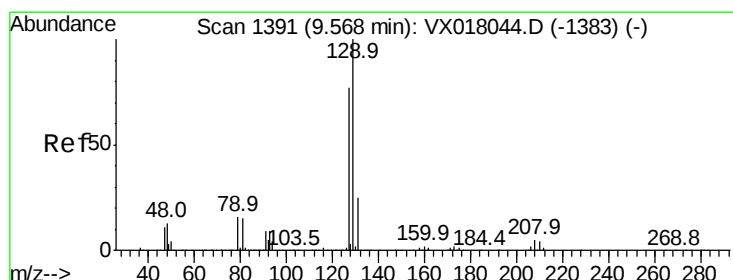
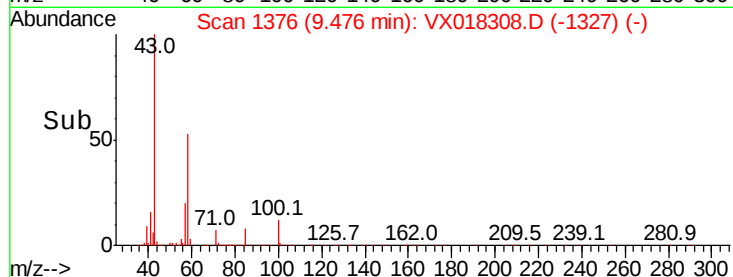
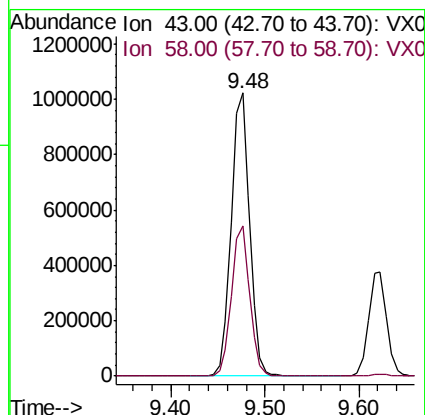
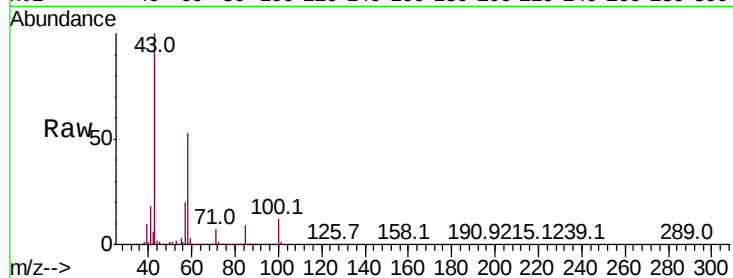




#59
2-Hexanone
Concen: 262.741 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

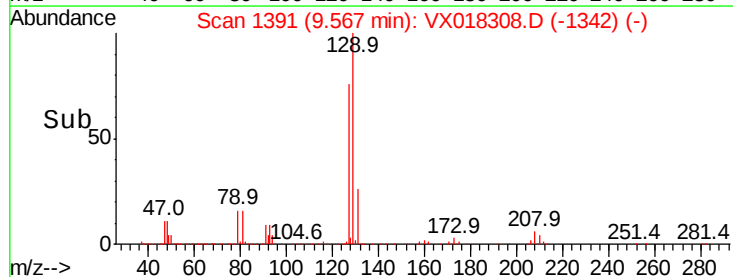
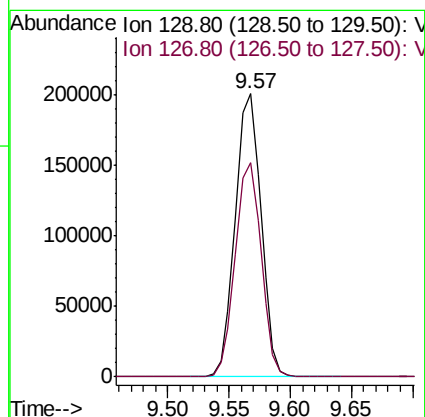
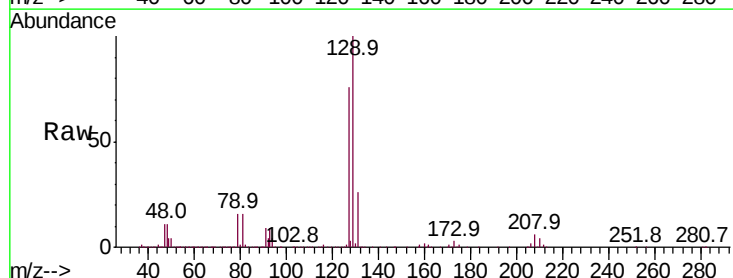
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

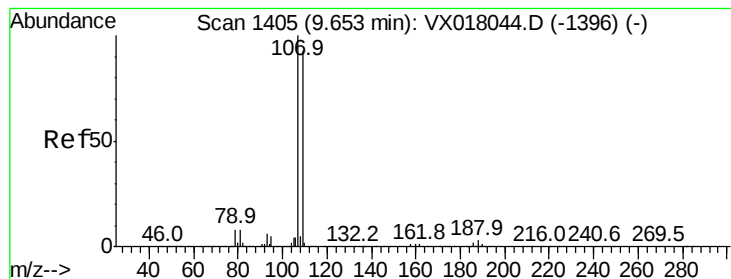
Tot Ion: 43 Resp: 1382402
Ion Ratio Lower Upper
43 100
58 52.8 26.6 79.7



#60
Dibromochloromethane
Concen: 52.780 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion: 129 Resp: 293800
Ion Ratio Lower Upper
129 100
127 76.3 38.9 116.6





#61

1,2-Dibromoethane

Concen: 50.089 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

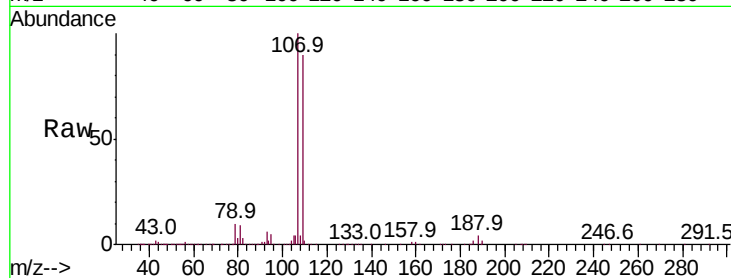
VSTDCCC050EC

Tot Ion:107 Resp: 258040

Ion Ratio Lower Upper

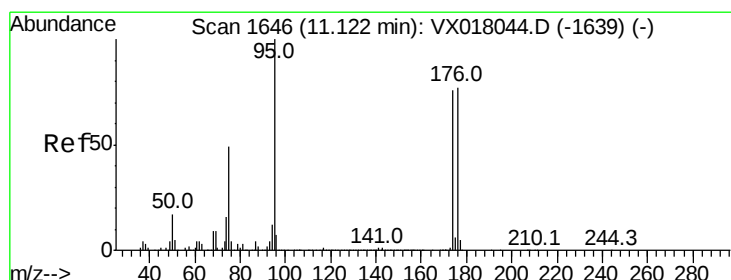
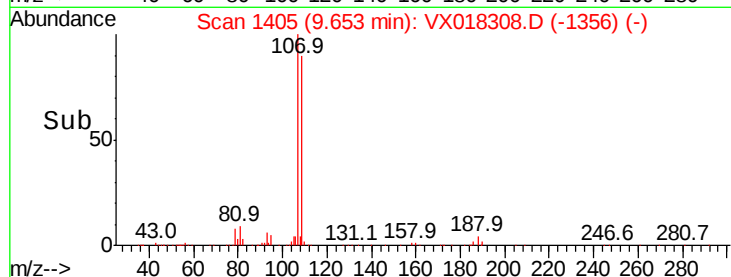
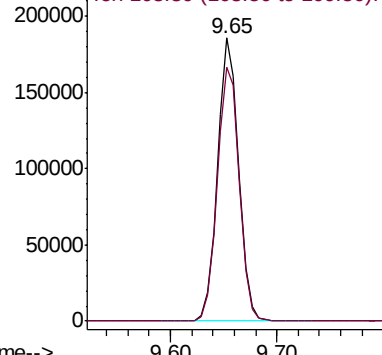
107 100

109 93.3 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.302 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

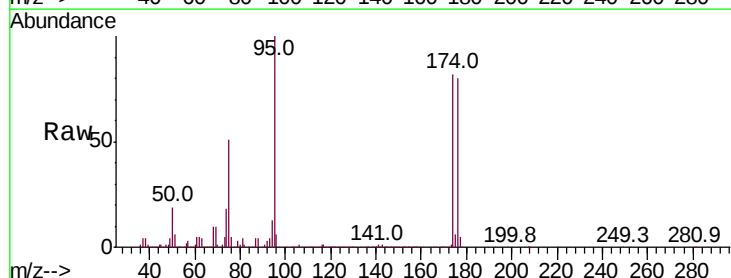
Tgt Ion: 95 Resp: 337930

Ion Ratio Lower Upper

95 100

174 83.1 0.0 160.2

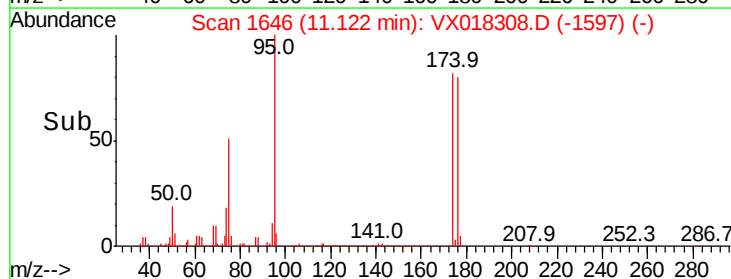
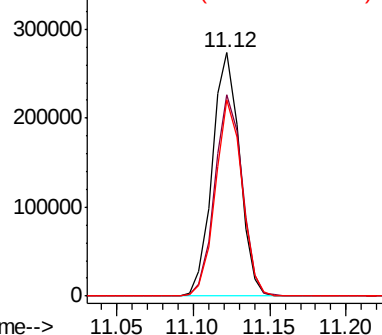
176 79.1 0.0 155.8

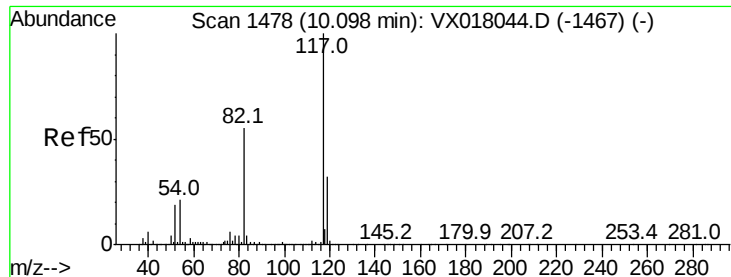


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

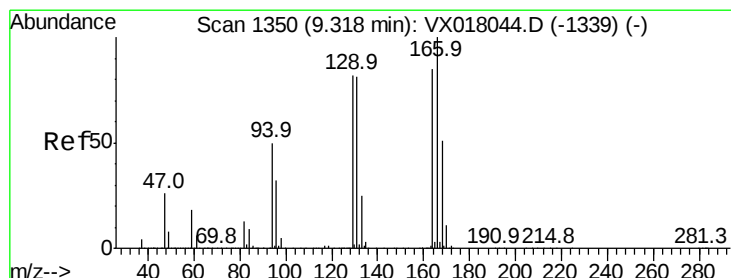
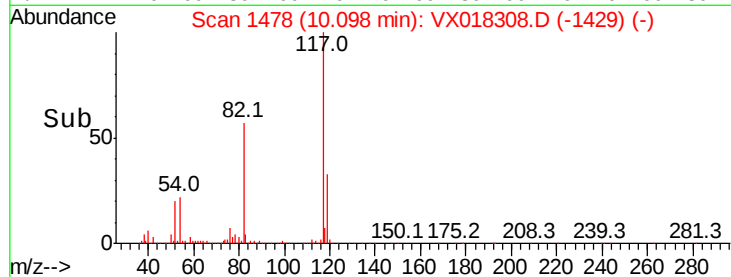
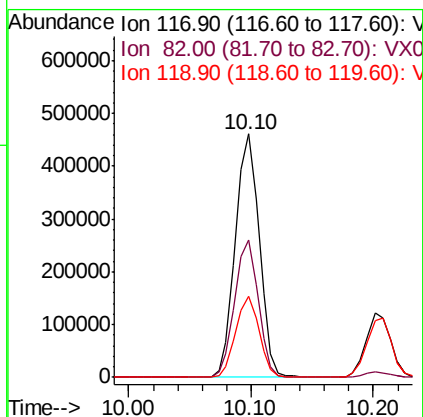
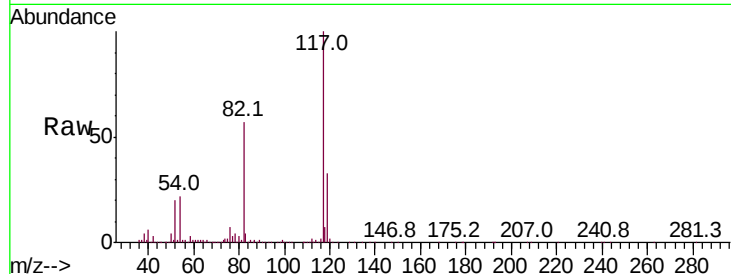




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

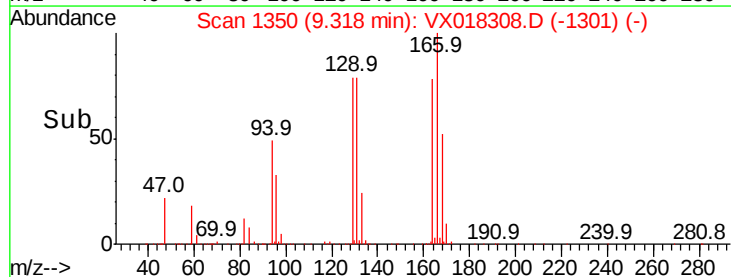
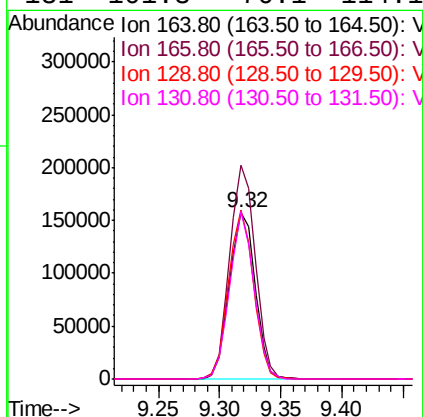
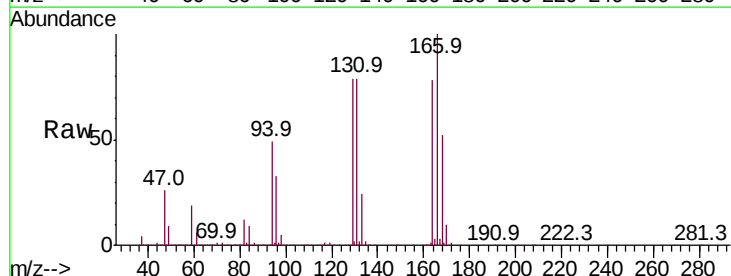
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

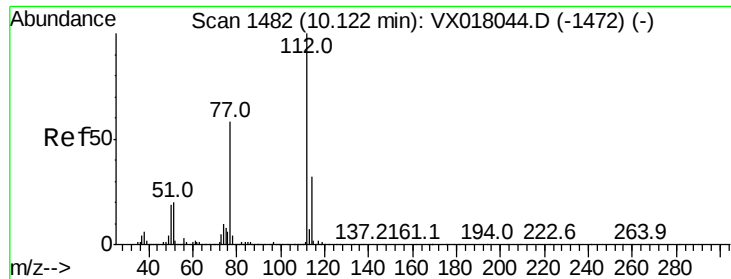
Tot Ion:117 Resp: 623884
Ion Ratio Lower Upper
117 100
82 56.6 44.2 66.2
119 33.4 25.7 38.5



#64
Tetrachloroethene
Concen: 50.257 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion:164 Resp: 230412
Ion Ratio Lower Upper
164 100
166 128.8 94.2 141.2
129 102.0 76.9 115.3
131 101.3 76.1 114.1

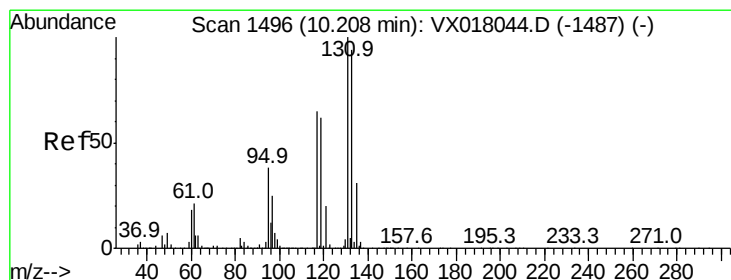
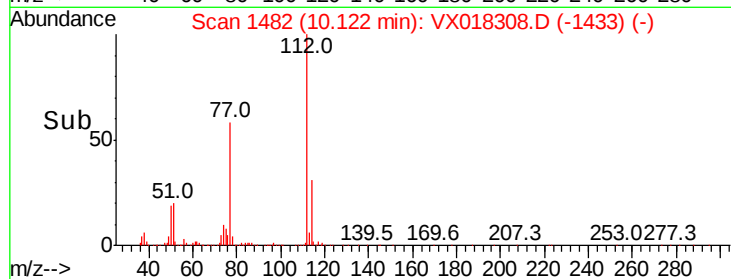
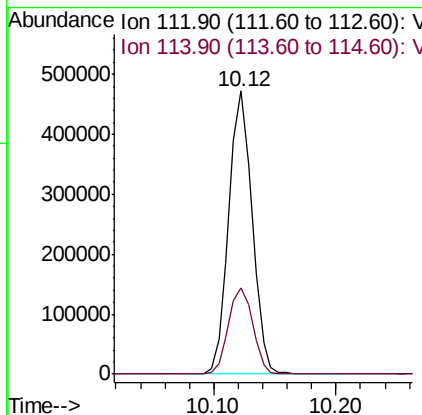
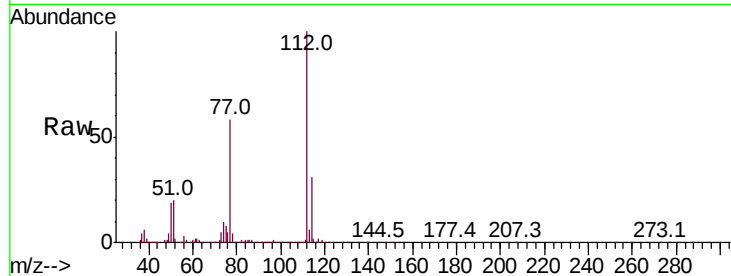




#65
Chlorobenzene
Concen: 50.087 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

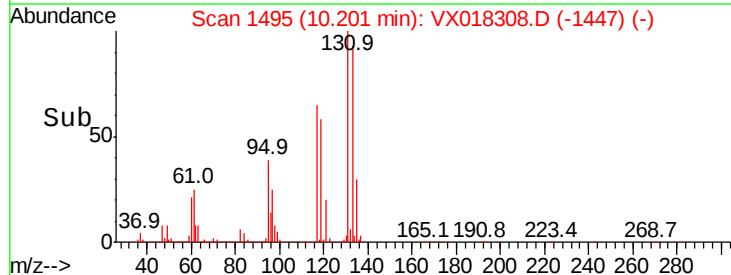
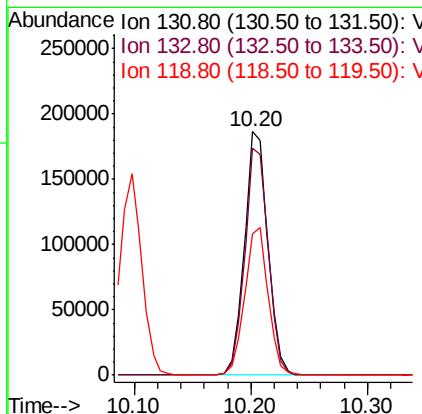
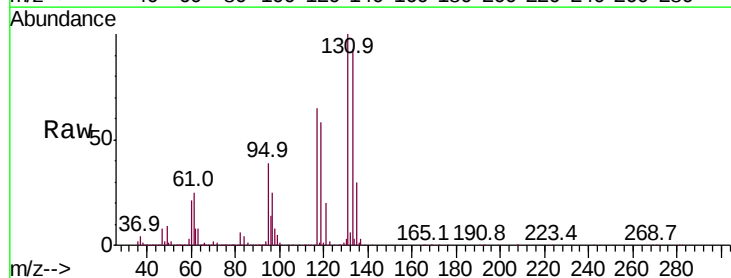
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

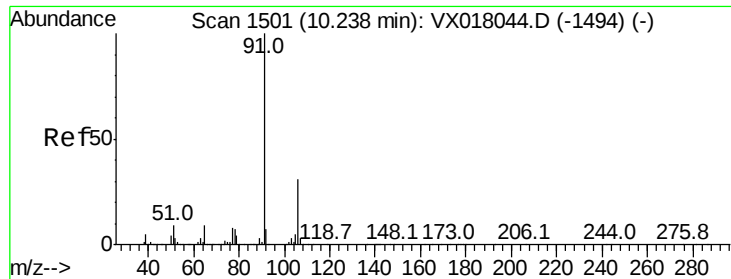
Tot Ion:112 Resp: 624097
Ion Ratio Lower Upper
112 100
114 30.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.244 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion:131 Resp: 261486
Ion Ratio Lower Upper
131 100
133 93.6 46.7 140.1
119 60.8 31.8 95.4

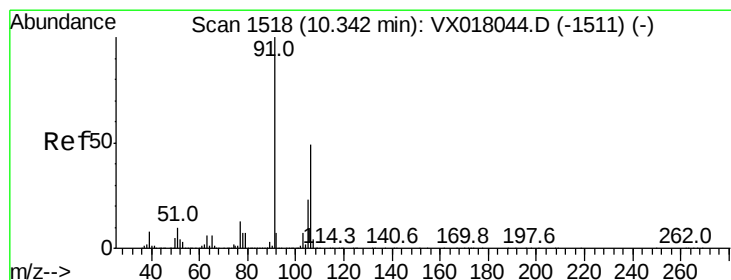
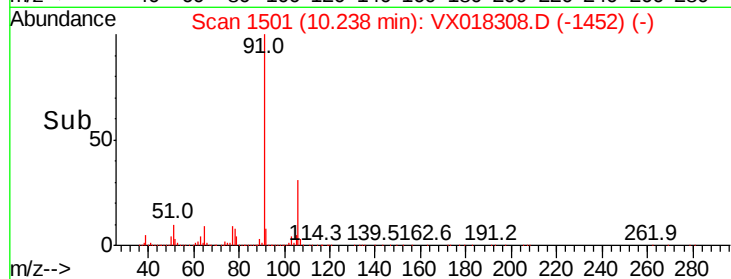
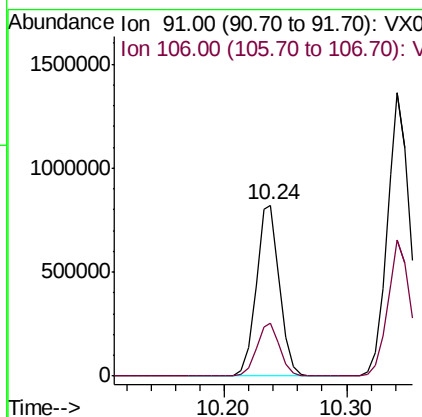
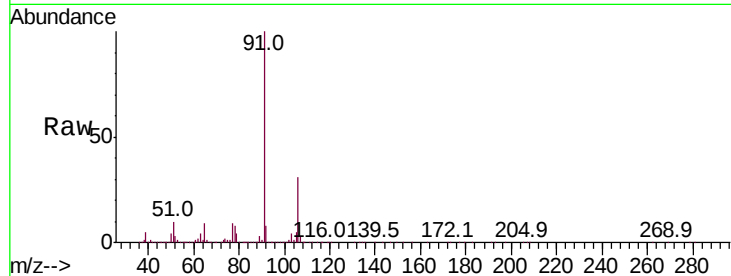




#67
Ethyl Benzene
Concen: 51.384 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

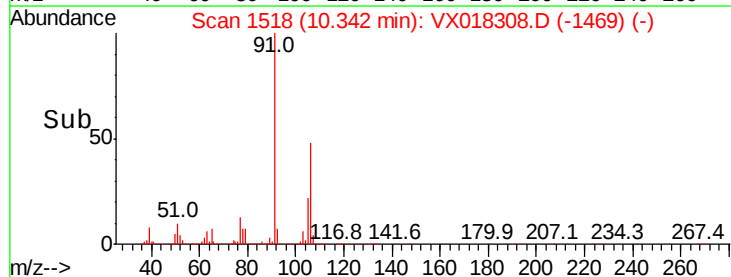
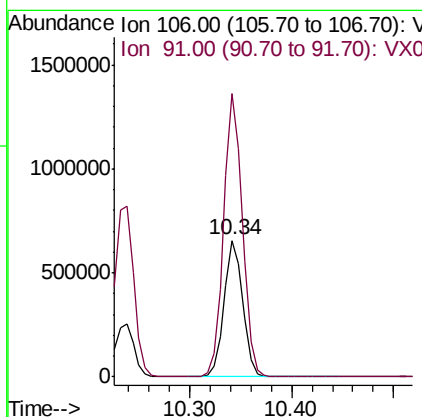
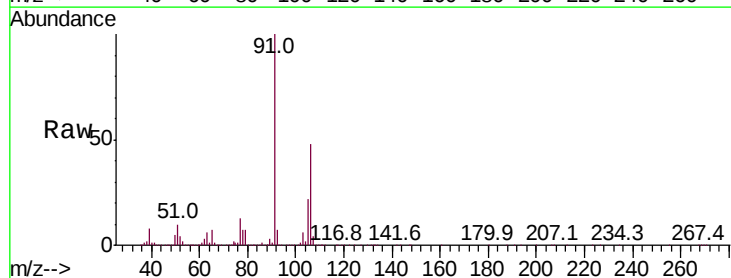
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

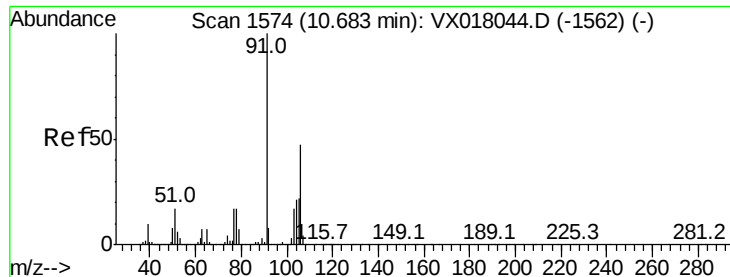
Tot Ion: 91 Resp: 1088834
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3



#68
m/p-Xylenes
Concen: 105.813 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion: 106 Resp: 836882
Ion Ratio Lower Upper
106 100
91 208.3 162.2 243.2

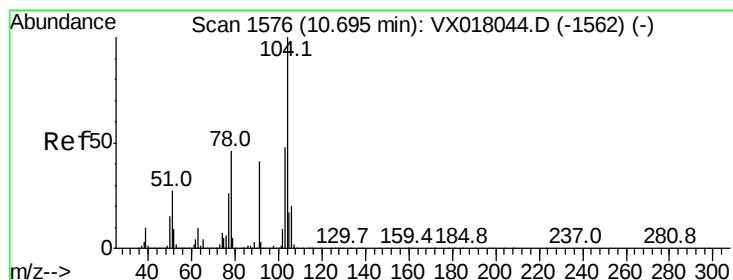
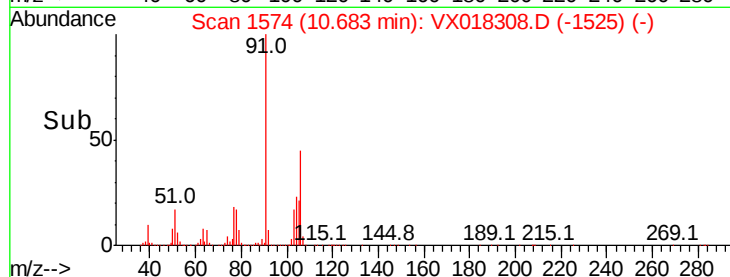
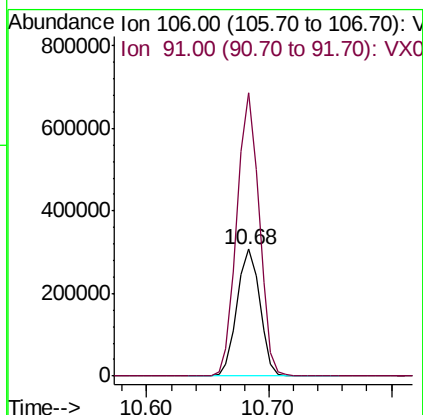
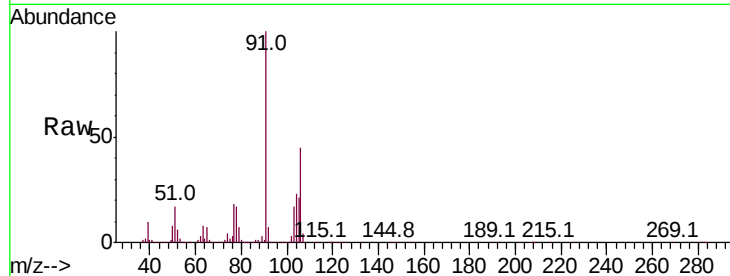




#69
o-Xylene
Concen: 52.165 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

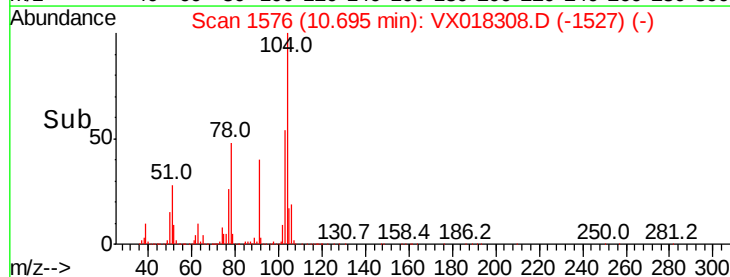
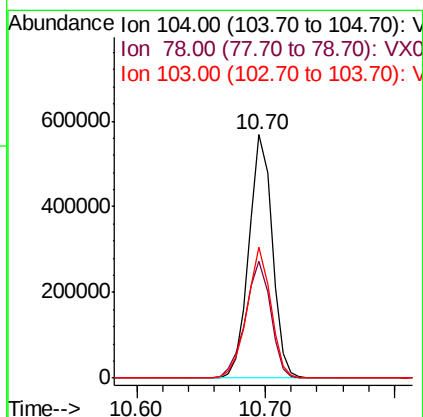
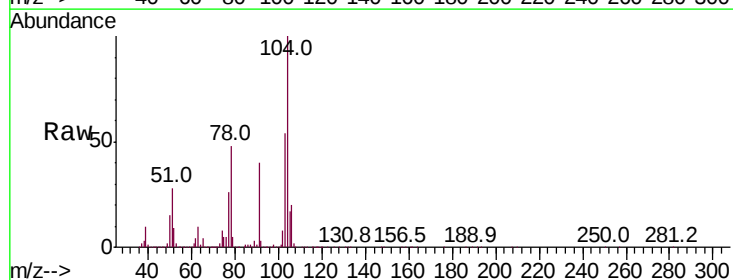
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

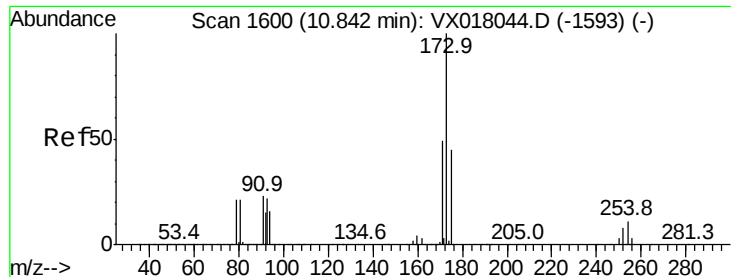
Tot Ion:106 Resp: 399947
Ion Ratio Lower Upper
106 100
91 216.1 107.1 321.3



#70
Styrene
Concen: 54.100 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion:104 Resp: 706370
Ion Ratio Lower Upper
104 100
78 52.4 40.9 61.3
103 55.4 43.6 65.4





#71

Bromoform

Concen: 55.050 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

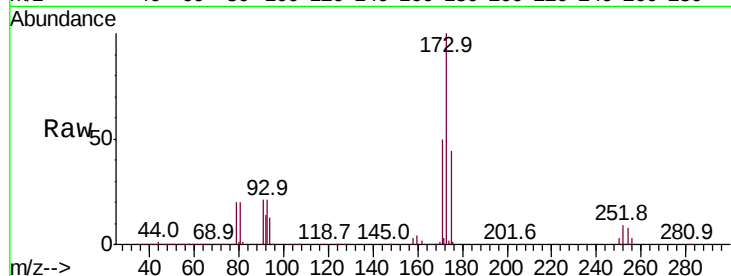
Tot Ion:173 Resp: 230599

Ion Ratio Lower Upper

173 100

175 48.5 23.9 71.8

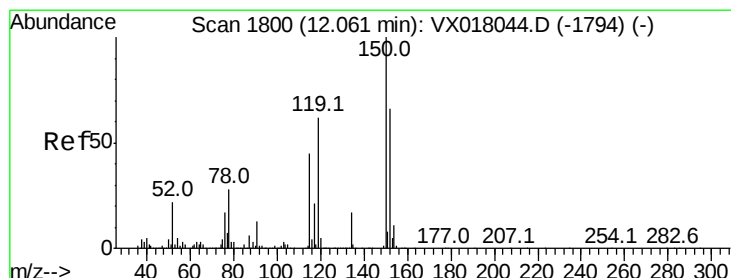
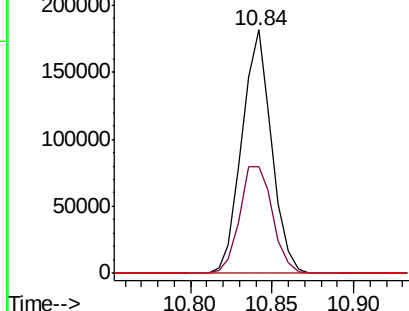
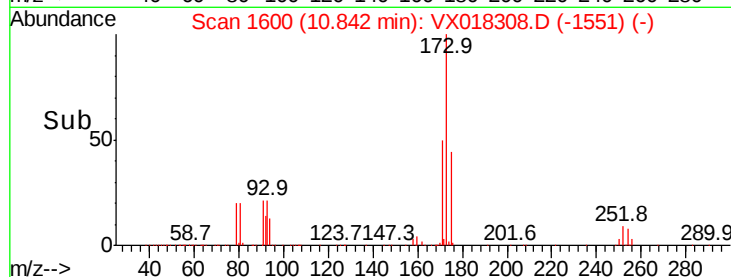
254 0.1 0.2 0.2#



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: VX018308.D

Acq: 09 Sep 2020 04:55

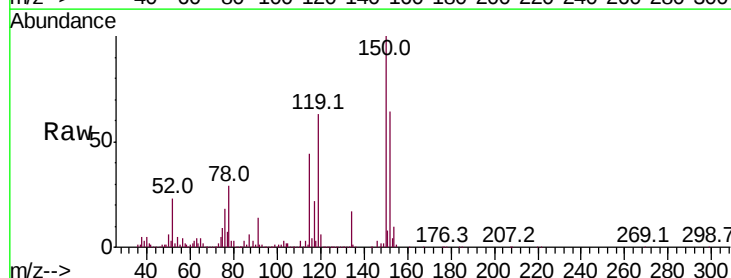
Tgt Ion:152 Resp: 348643

Ion Ratio Lower Upper

152 100

115 81.3 41.5 124.5

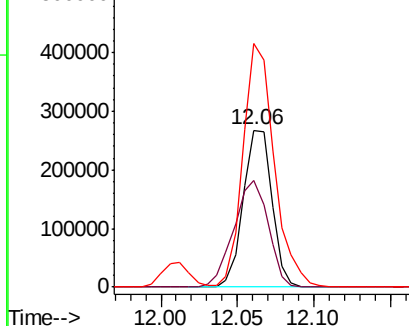
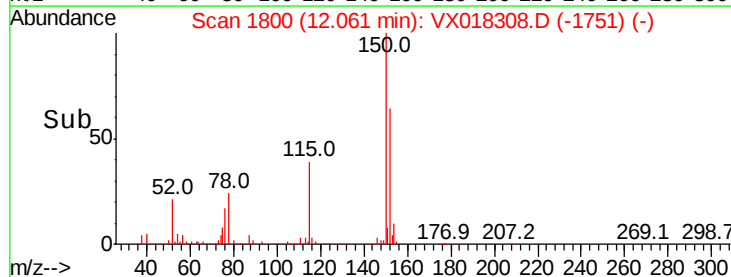
150 168.6 0.0 343.8

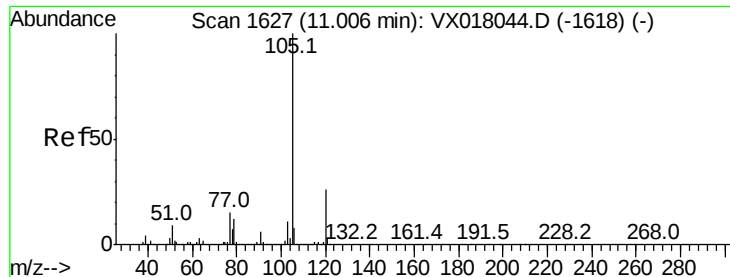


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.516 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

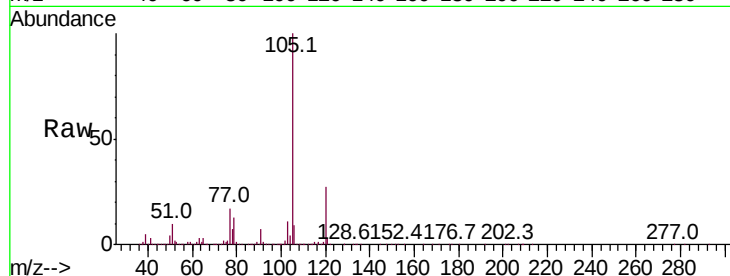
VSTDCCC050EC

Tot Ion:105 Resp: 1092711

Ion Ratio Lower Upper

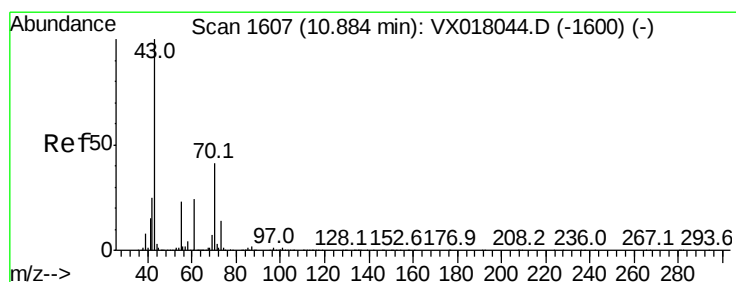
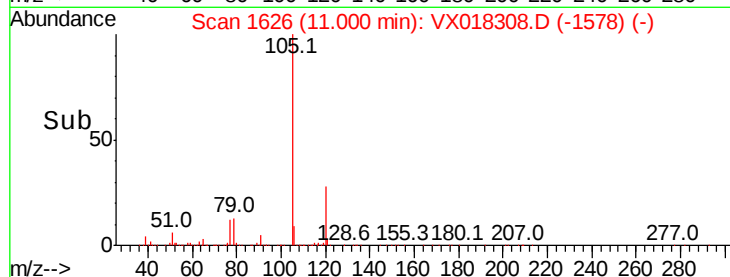
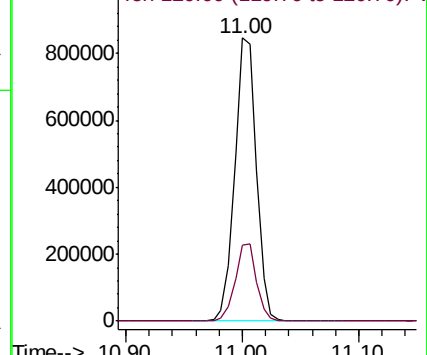
105 100

120 26.9 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.971 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Tgt Ion: 43 Resp: 501601

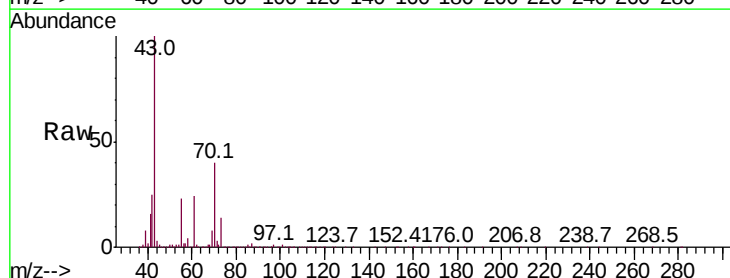
Ion Ratio Lower Upper

43 100

70 40.5 32.3 48.5

55 23.5 18.2 27.2

61 23.3 18.9 28.3

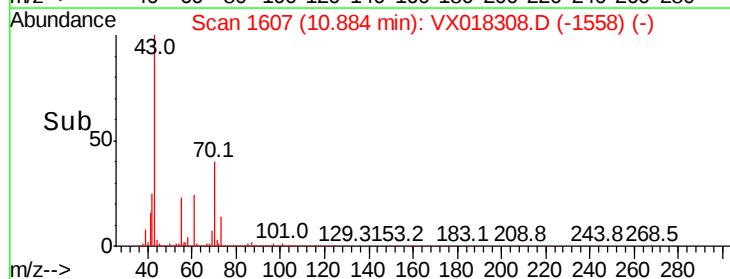
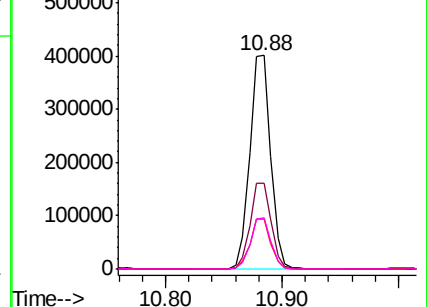


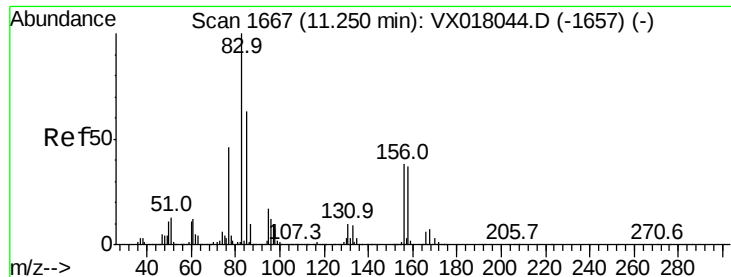
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.831 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

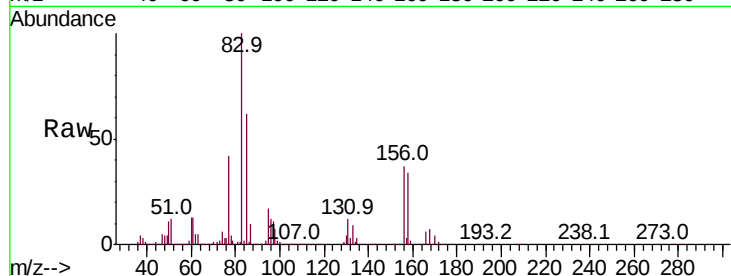
Tot Ion: 83 Resp: 363691

Ion Ratio Lower Upper

83 100

131 11.4 5.1 15.4

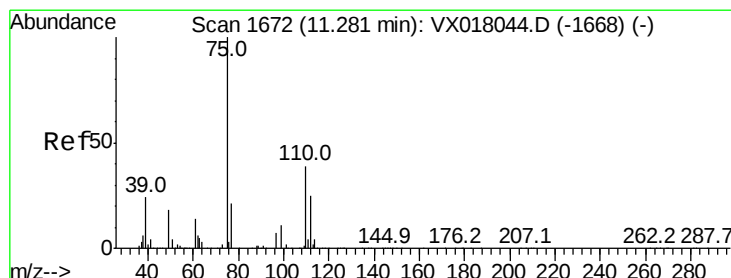
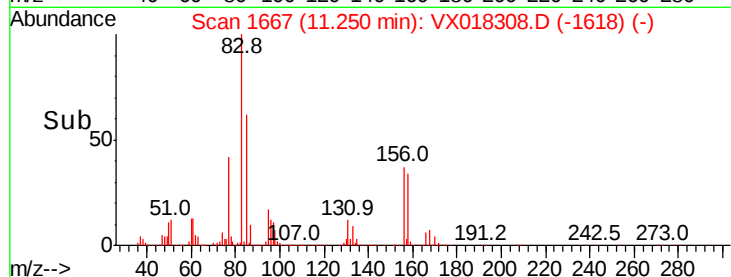
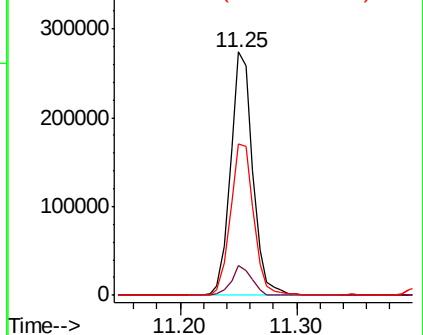
85 65.0 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 56.099 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018308.D

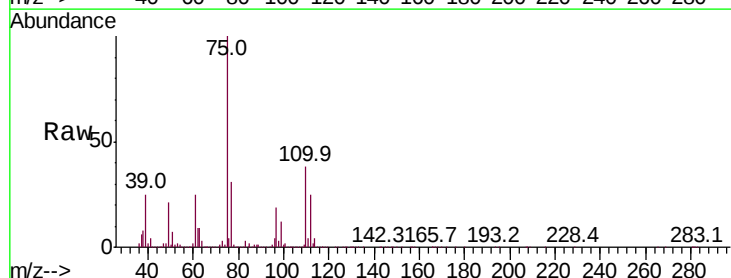
Acq: 09 Sep 2020 04:55

Tgt Ion: 75 Resp: 435085

Ion Ratio Lower Upper

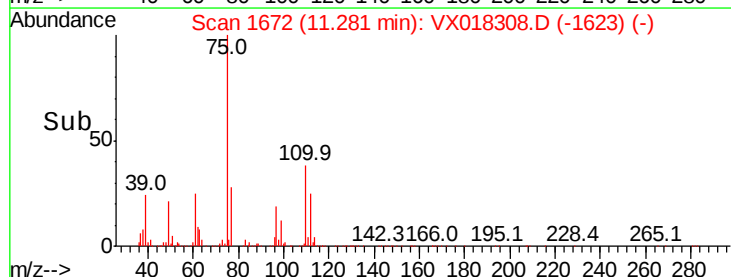
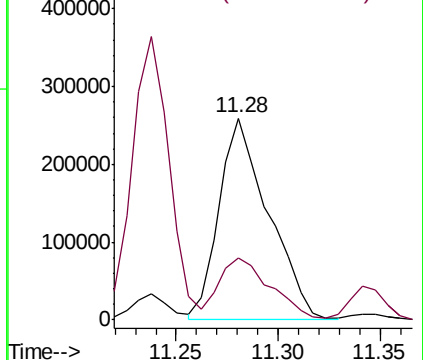
75 100

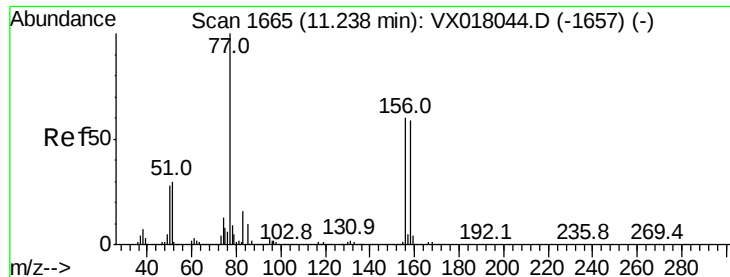
77 31.7 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.003 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

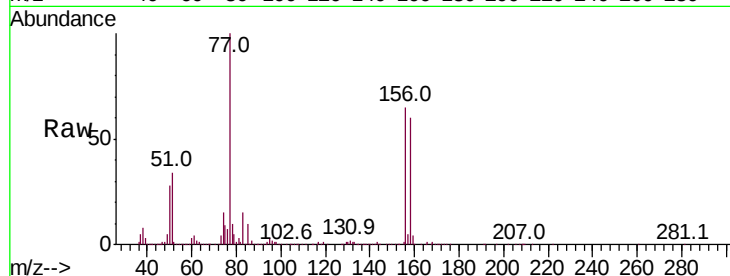
Tot Ion:156 Resp: 292432

Ion Ratio Lower Upper

156 100

77 157.4 80.0 240.2

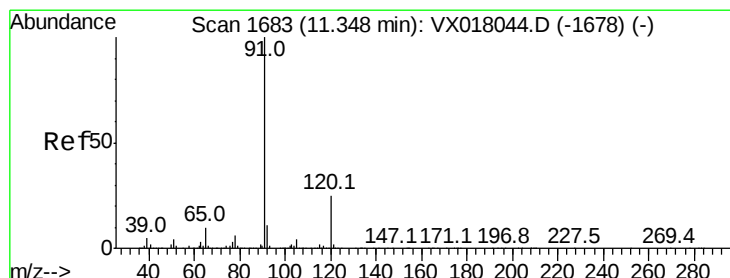
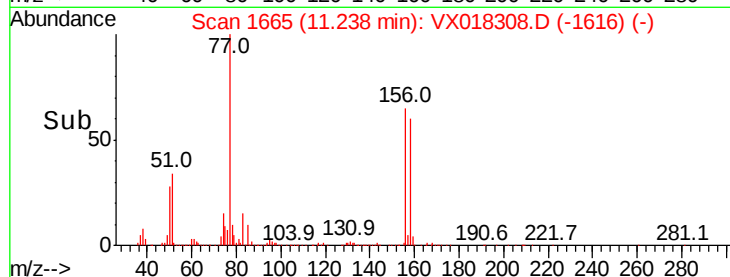
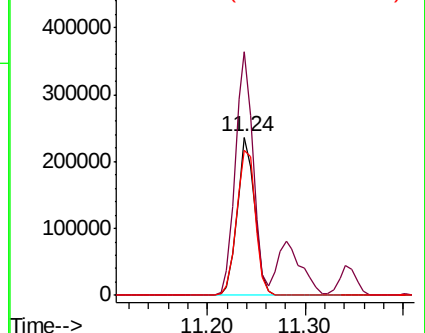
158 98.3 49.5 148.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.652 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018308.D

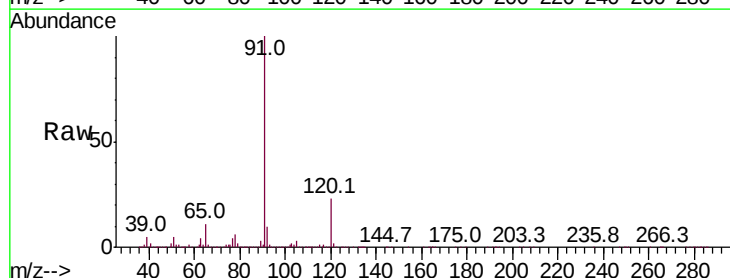
Acq: 09 Sep 2020 04:55

Tgt Ion: 91 Resp: 1270407

Ion Ratio Lower Upper

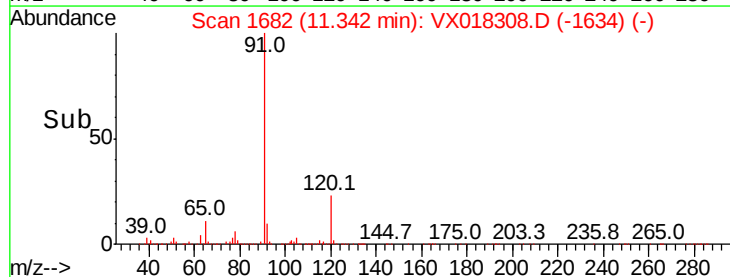
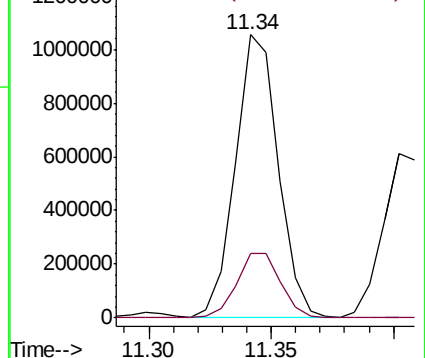
91 100

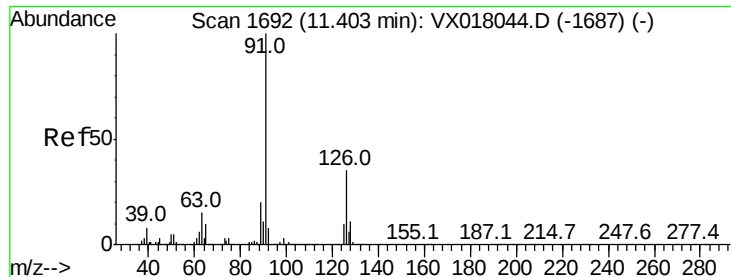
120 23.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.837 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

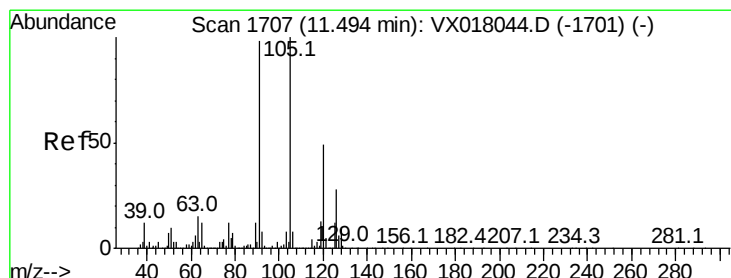
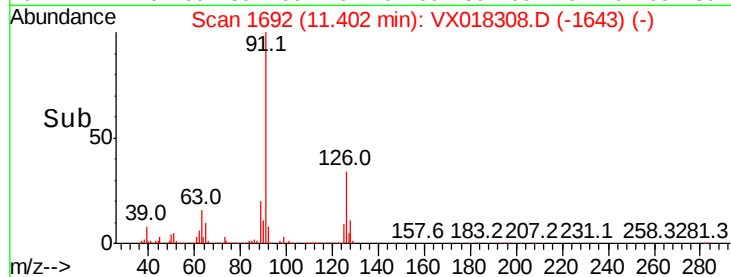
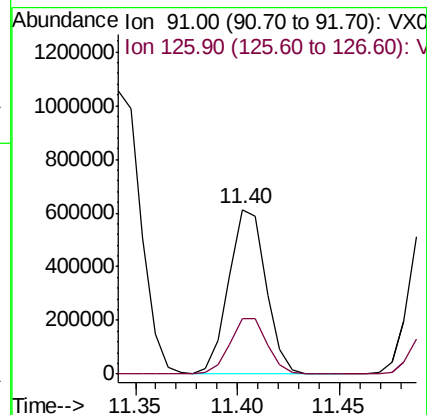
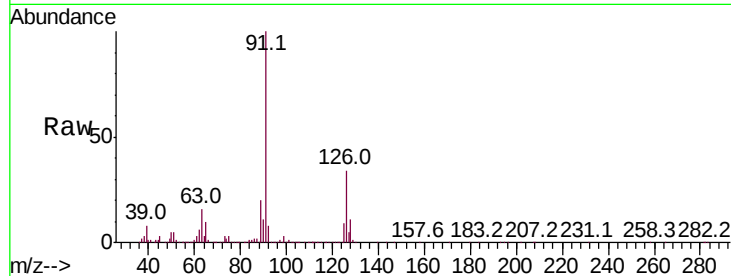
VSTDCCC050EC

Tot Ion: 91 Resp: 771729

Ion Ratio Lower Upper

91 100

126 34.2 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 50.654 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018308.D

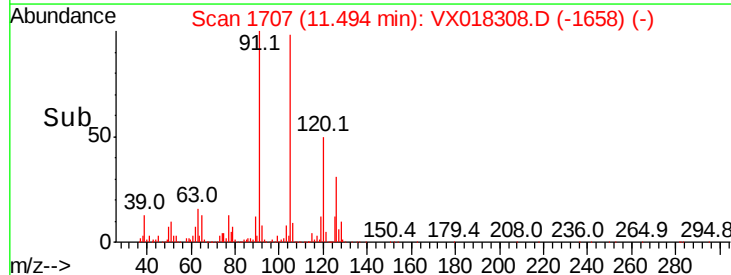
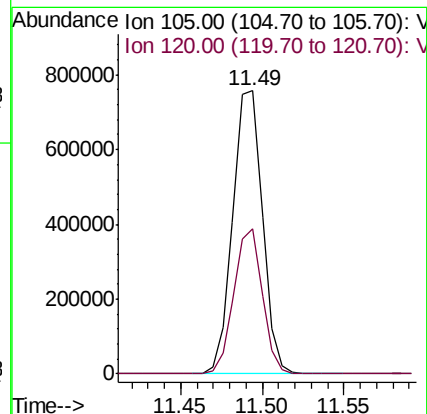
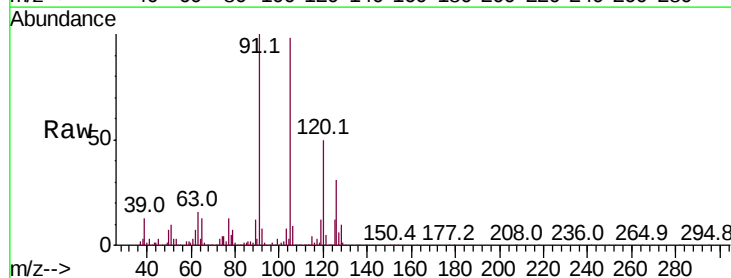
Acq: 09 Sep 2020 04:55

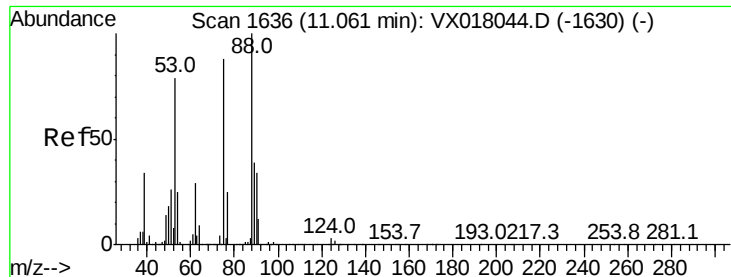
Tgt Ion: 105 Resp: 957249

Ion Ratio Lower Upper

105 100

120 49.0 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 40.390 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

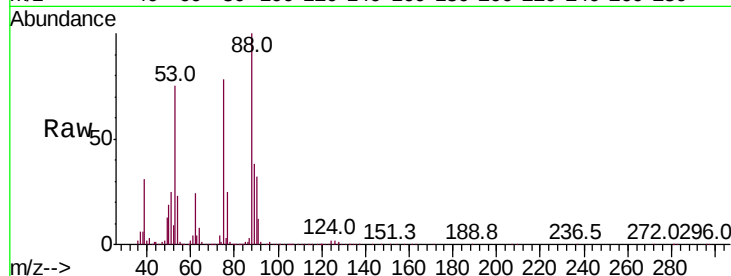
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 115983

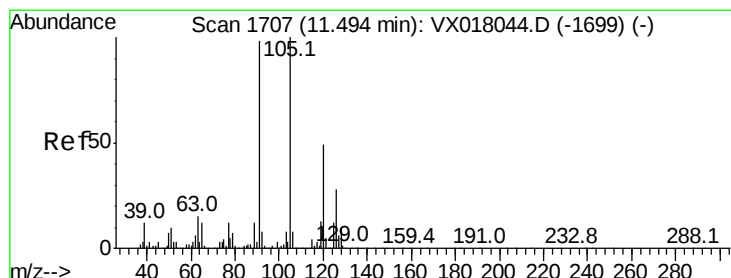
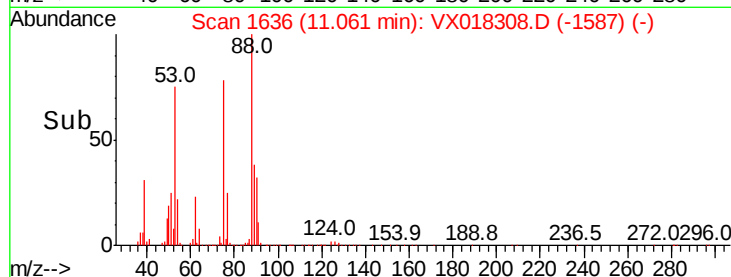
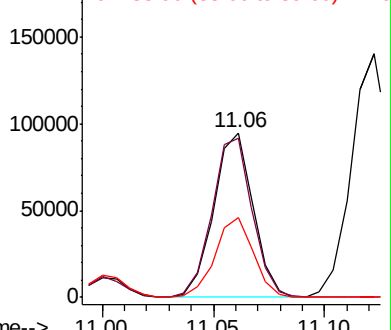
Ion	Ratio	Lower	Upper
75	100		
53	99.8	74.7	112.1
89	47.8	36.6	54.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 48.154 ug/l

RT: 11.49 min Scan# 1707

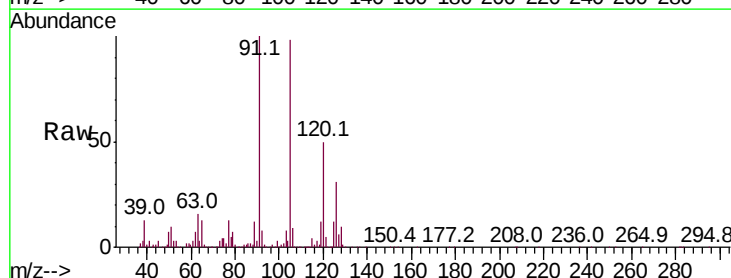
Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

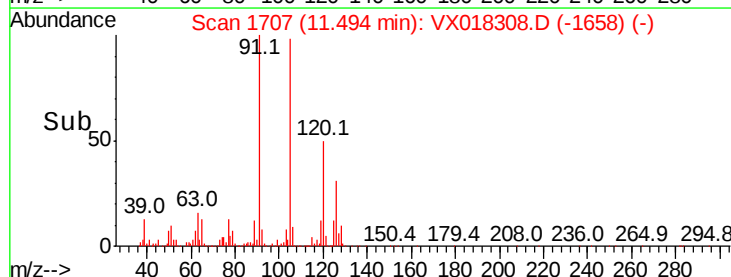
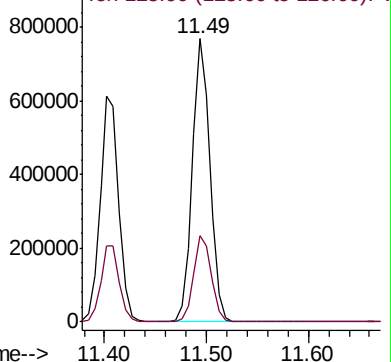
Tgt Ion: 91 Resp: 923517

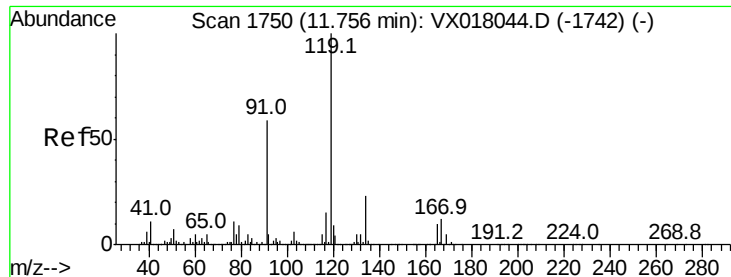
Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.1	45.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 49.848 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

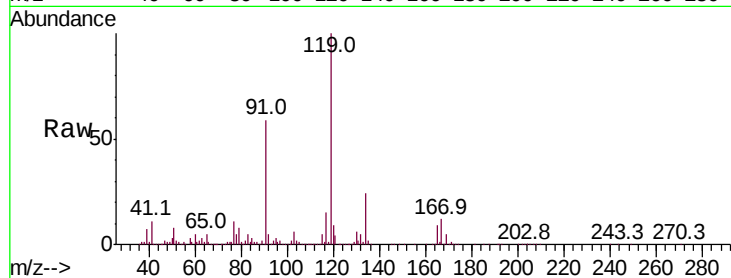
Tot Ion:119 Resp: 929644

Ion Ratio Lower Upper

119 100

91 58.2 28.2 84.7

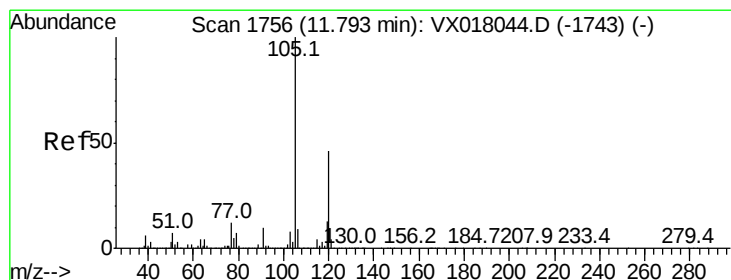
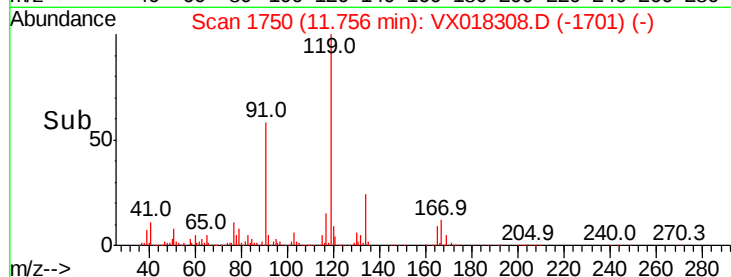
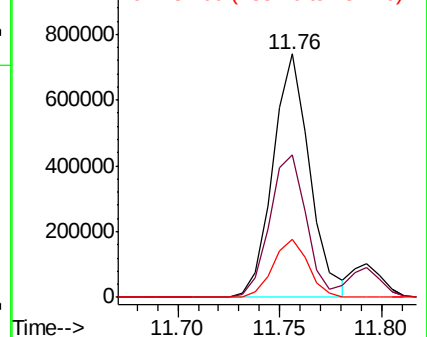
134 23.0 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.421 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018308.D

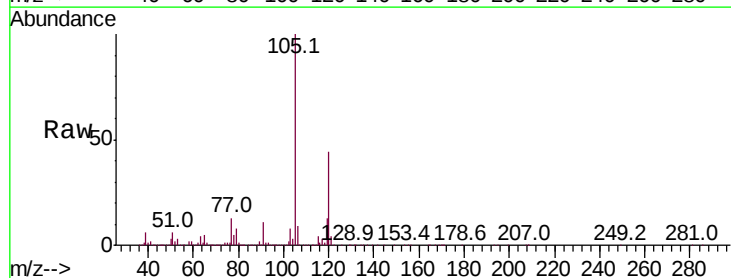
Acq: 09 Sep 2020 04:55

Tgt Ion:105 Resp: 974170

Ion Ratio Lower Upper

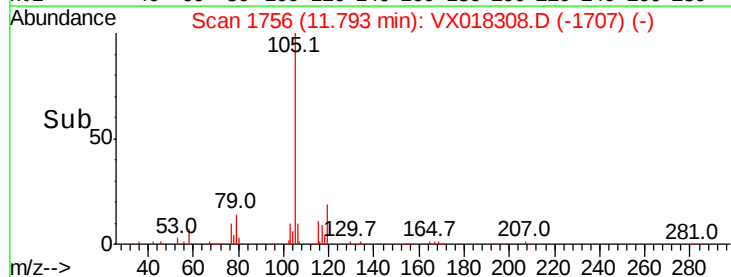
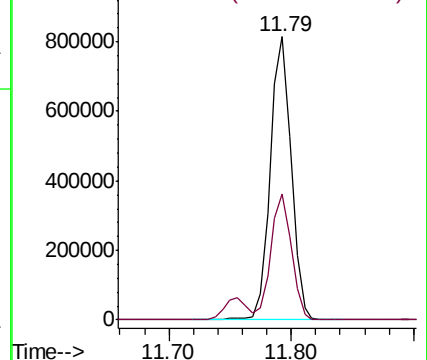
105 100

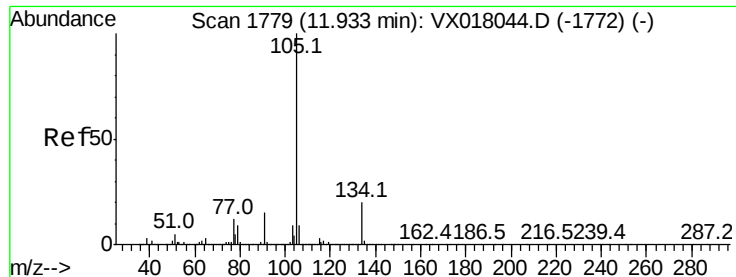
120 43.8 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.639 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

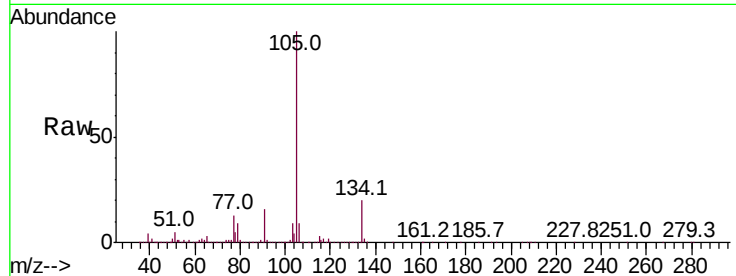
VSTDCCC050EC

Tot Ion:105 Resp: 1095184

Ion Ratio Lower Upper

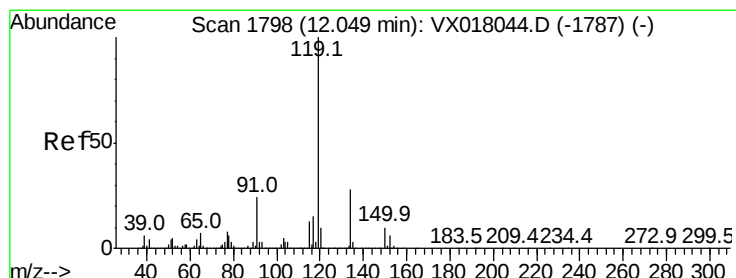
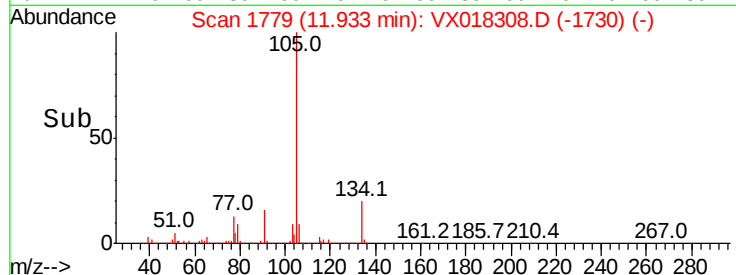
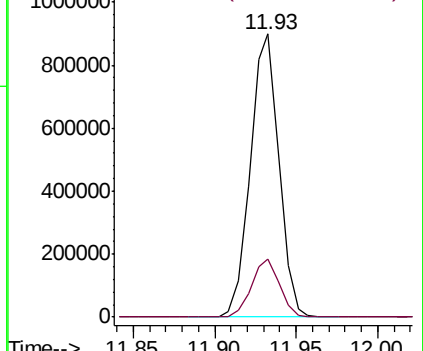
105 100

134 20.4 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.402 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

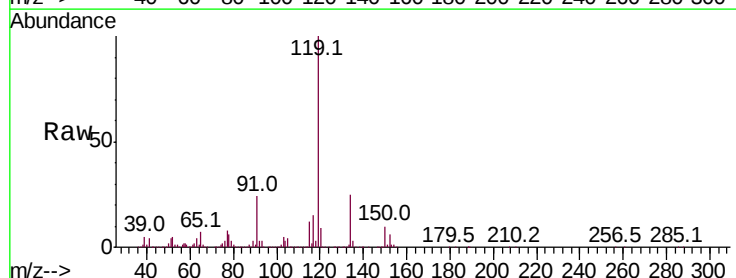
Tgt Ion:119 Resp: 1020841

Ion Ratio Lower Upper

119 100

134 25.5 13.2 39.5

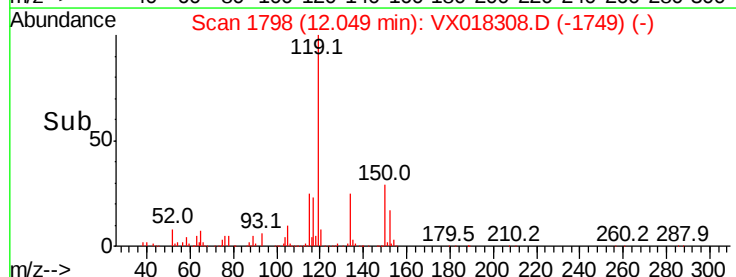
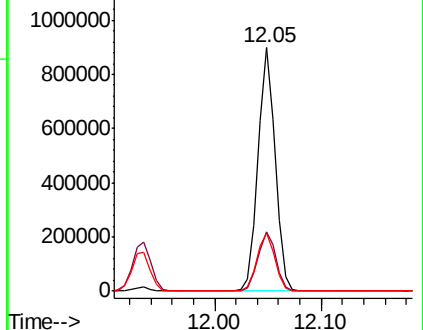
91 25.0 11.8 35.4

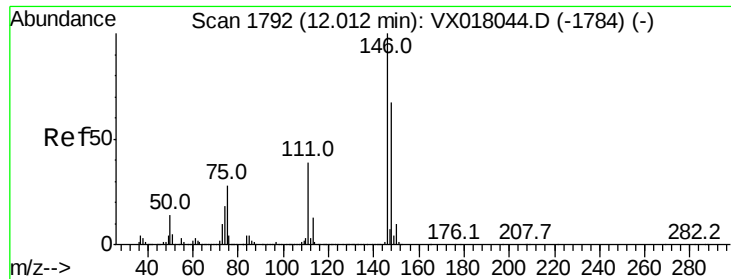


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 48.147 ug/l

RT: 12.01 min Scan# 1792

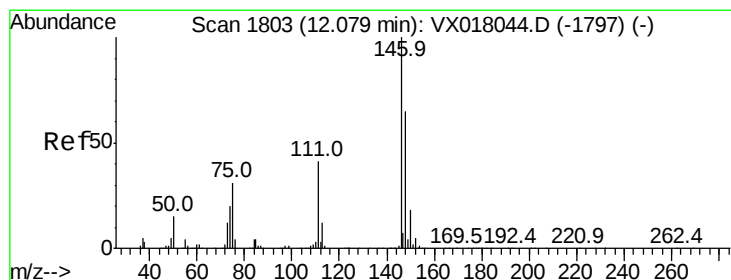
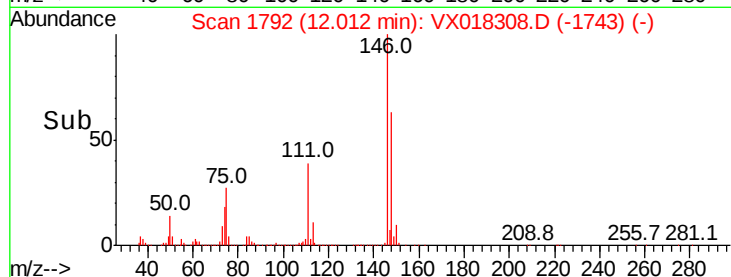
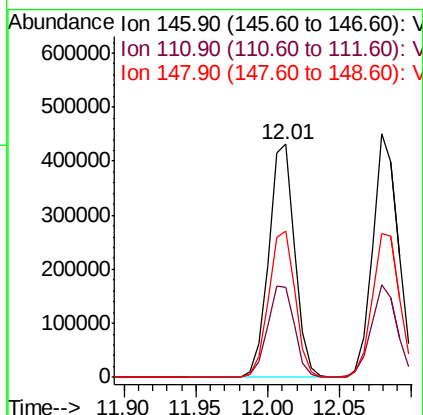
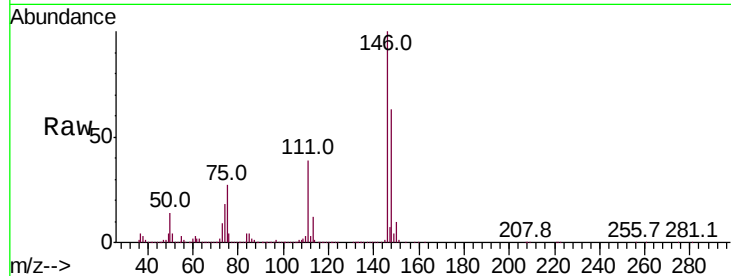
Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.6	61.8
148	64.3	33.1	99.2



#88

1,4-Dichlorobenzene

Concen: 48.240 ug/l

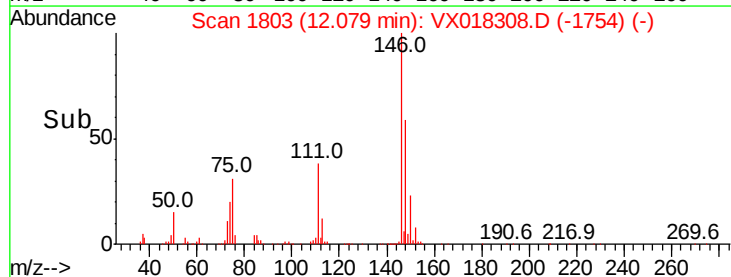
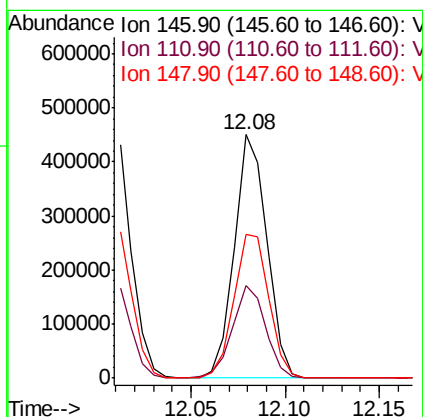
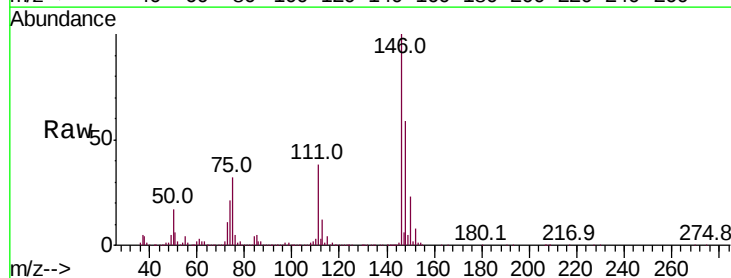
RT: 12.08 min Scan# 1803

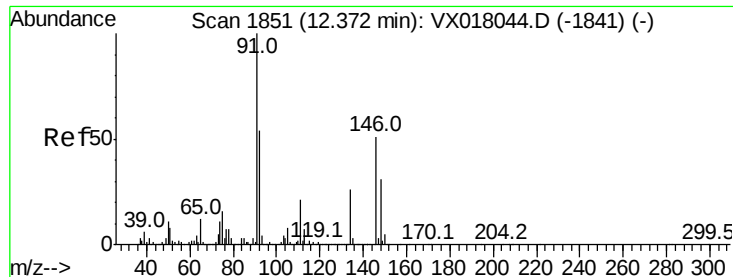
Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.3	60.8
148	63.5	33.1	99.2

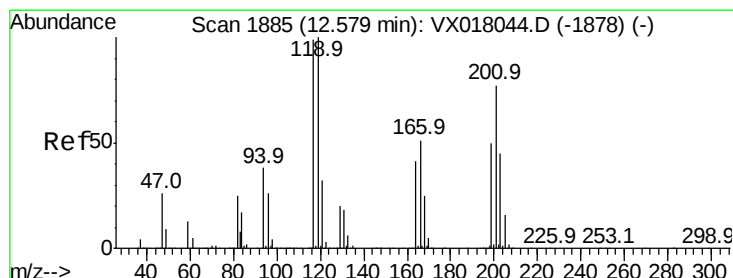
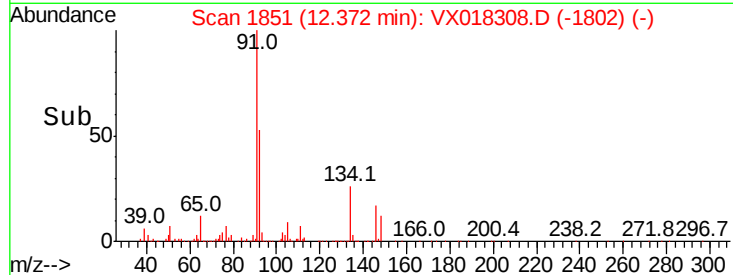
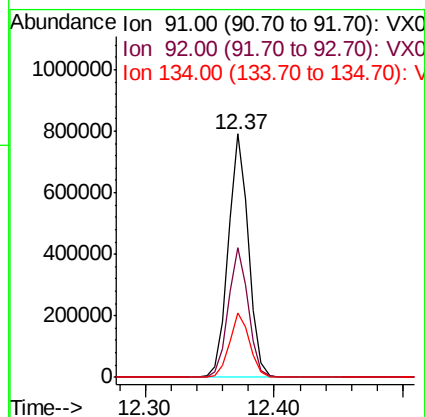
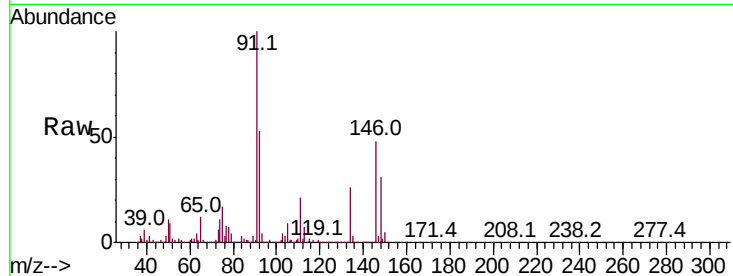




#89
n-Butylbenzene
Concen: 49.054 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

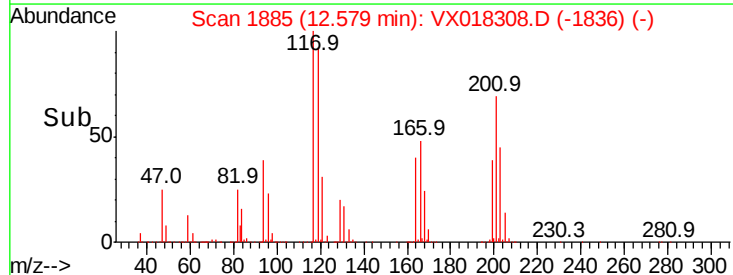
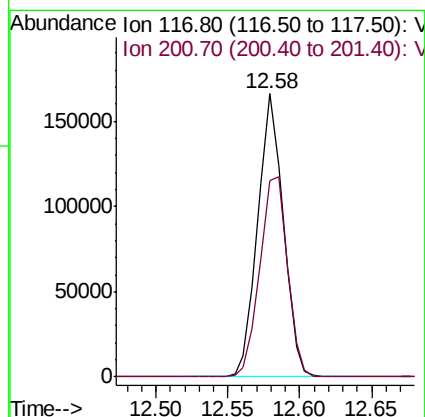
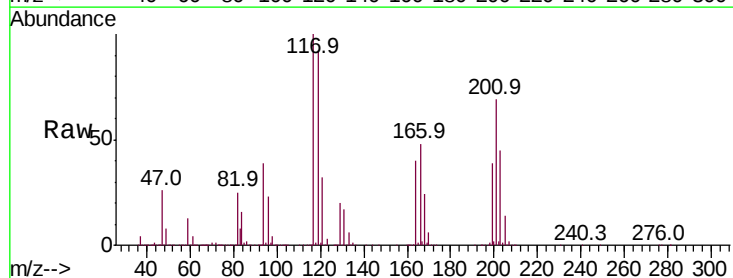
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

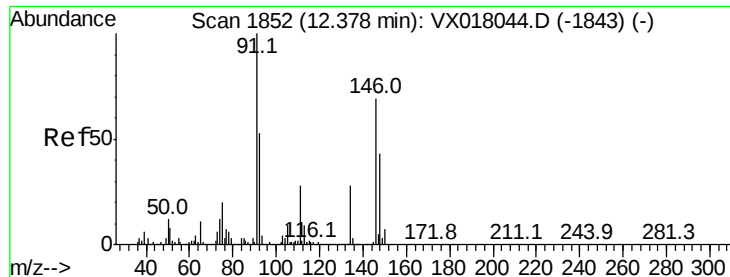
Tot Ion: 91 Resp: 872215
Ion Ratio Lower Upper
91 100
92 53.0 26.4 79.2
134 26.5 12.9 38.7



#90
Hexachloroethane
Concen: 53.149 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion: 117 Resp: 203712
Ion Ratio Lower Upper
117 100
201 76.2 38.5 115.3





#91

1,2-Dichlorobenzene

Concen: 49.332 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

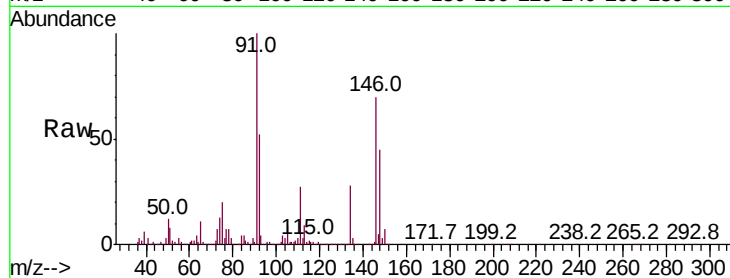
Tot Ion:146 Resp: 518278

Ion Ratio Lower Upper

146 100

111 41.1 20.8 62.5

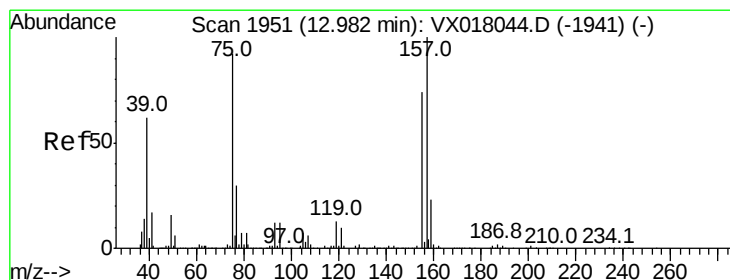
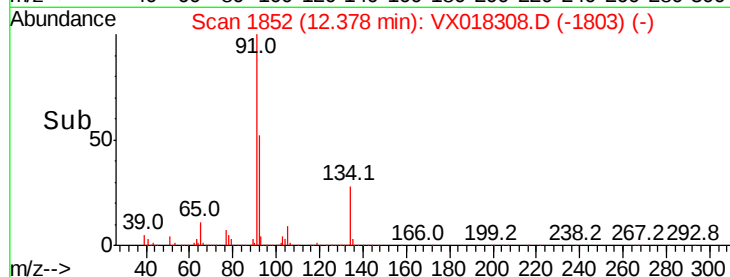
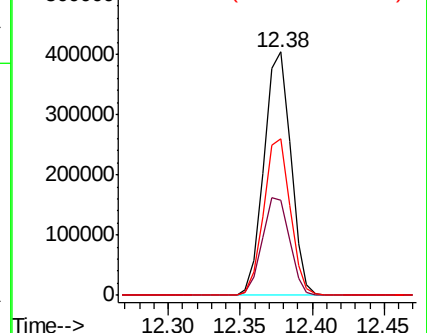
148 63.5 31.6 95.0



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: 47.688 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

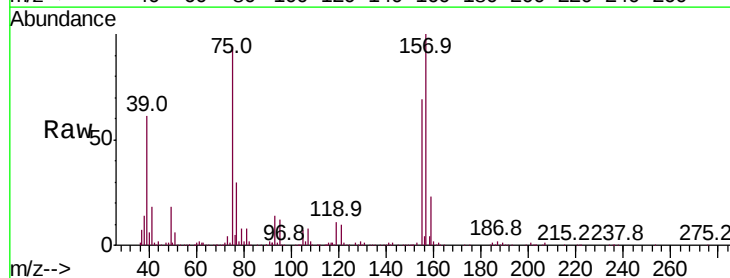
Tgt Ion: 75 Resp: 96733

Ion Ratio Lower Upper

75 100

155 79.9 40.2 120.6

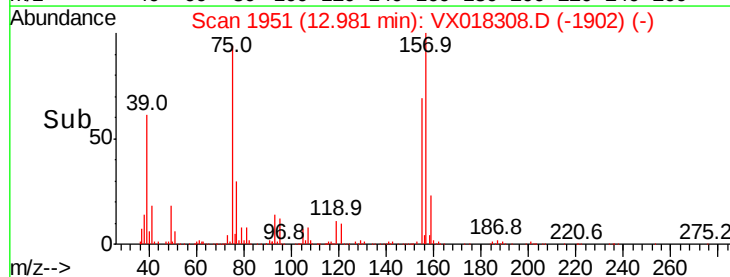
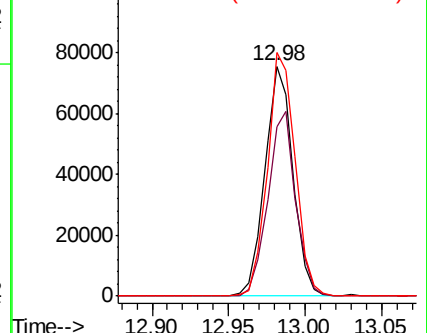
157 104.9 55.0 165.2

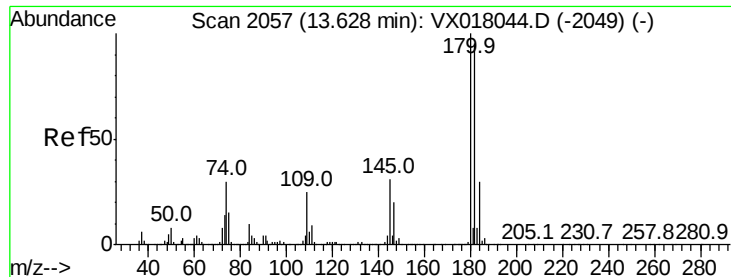


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

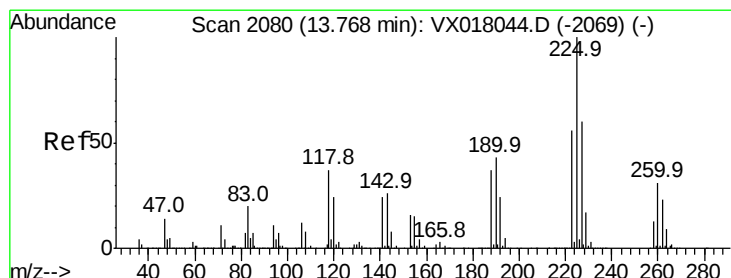
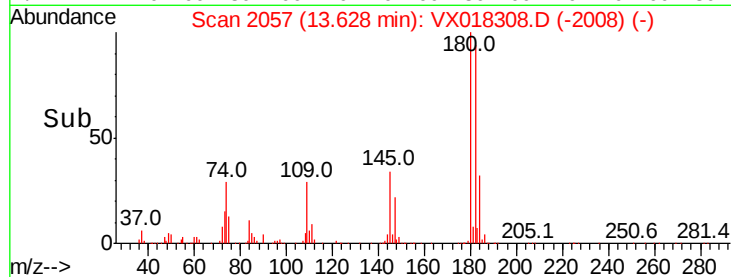
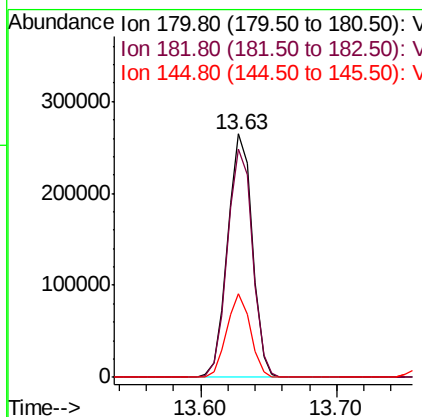
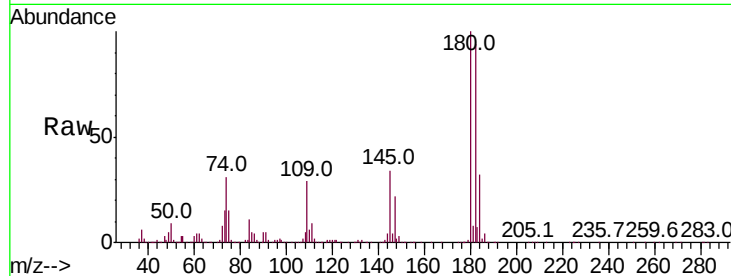




#93
 1,2,4-Trichlorobenzene
 Concen: 47.630 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018308.D
 Acq: 09 Sep 2020 04:55

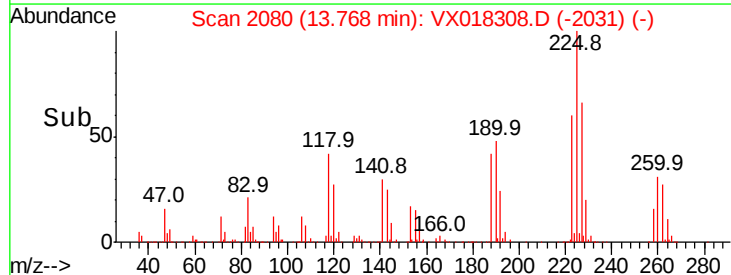
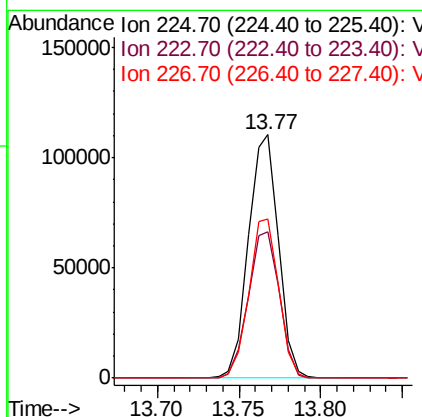
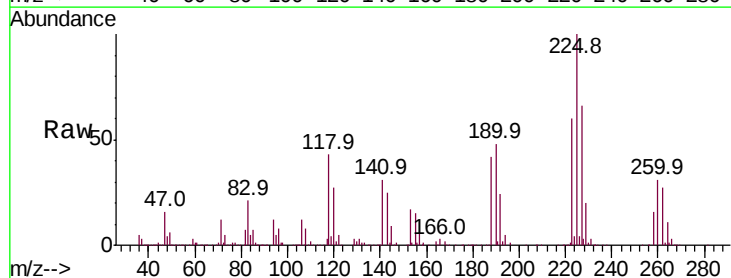
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

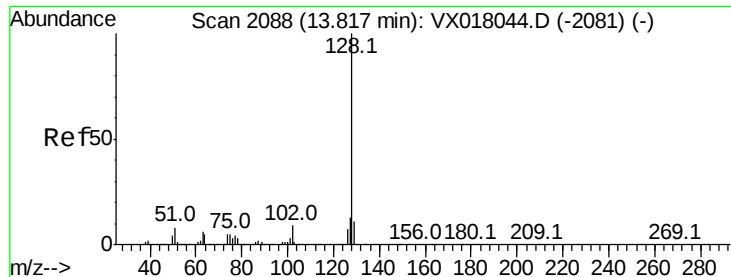
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.5	142.6
145	32.9	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 51.187 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018308.D
 Acq: 09 Sep 2020 04:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	30.7	92.1
227	65.1	32.6	97.8





#95

Naphthalene

Concen: 49.566 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

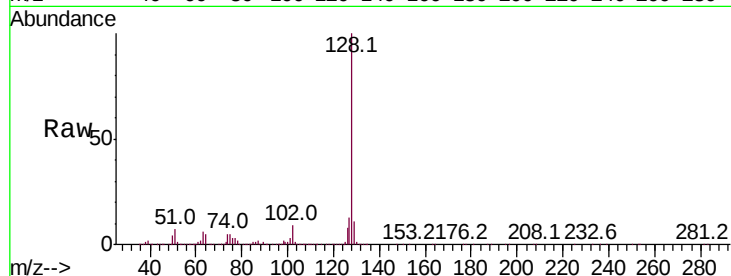
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1142781

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.1	8.7	13.1



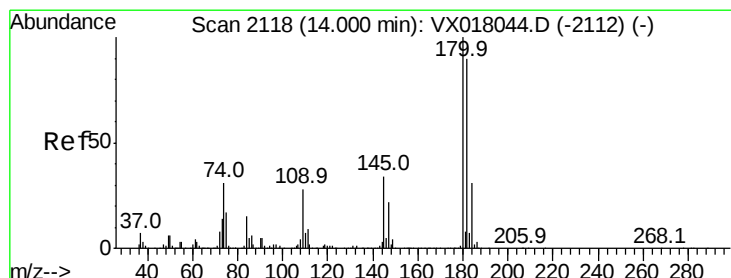
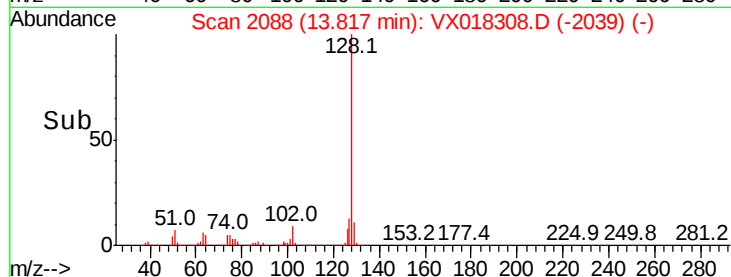
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.82

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 50.487 ug/l

RT: 14.00 min Scan# 2118

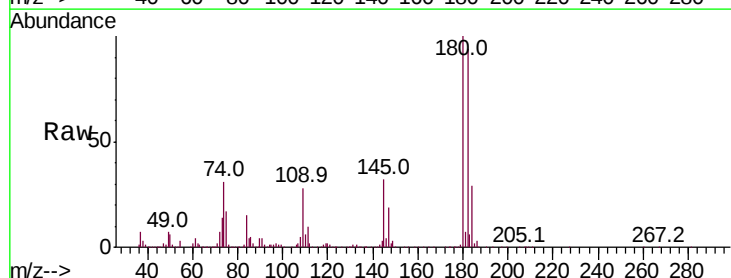
Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Tgt Ion:180 Resp: 349483

Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.3	142.0
145	33.1	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

14.00

Time-->

