

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091720\
 Data File : VX018478.D
 Acq On : 17 Sep 2020 19:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 18 06:35:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	442091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	713557	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	681087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	370711	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	314626	50.31	ug/l	0.00
Spiked Amount			Recovery	=	100.62%	
35) Dibromofluoromethane	5.46	113	244808	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	
50) Toluene-d8	8.70	98	850991	47.48	ug/l	0.00
Spiked Amount			Recovery	=	94.96%	
62) 4-Bromofluorobenzene	11.12	95	347719	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	209258	49.925	ug/l	99
3) Chloromethane	1.31	50	248323	50.606	ug/l	100
4) Vinyl Chloride	1.39	62	250526	48.226	ug/l	99
5) Bromomethane	1.63	94	176670	55.410	ug/l	94
6) Chloroethane	1.71	64	149564	50.305	ug/l	97
7) Trichlorofluoromethane	1.92	101	401981	50.936	ug/l	99
8) Diethyl Ether	2.17	74	132794	47.959	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	198100	46.636	ug/l	99
10) Methyl Iodide	2.49	142	225854	43.663	ug/l	96
11) Tert butyl alcohol	3.01	59	284818	261.738	ug/l	99
12) 1,1-Dichloroethene	2.36	96	204543	47.775	ug/l	91
13) Acrolein	2.28	56	162572	235.946	ug/l	100
14) Allyl chloride	2.71	41	387357	46.688	ug/l	97
15) Acrylonitrile	3.12	53	662411	255.123	ug/l	99
16) Acetone	2.42	43	574725	240.290	ug/l	100
17) Carbon Disulfide	2.55	76	587214	45.925	ug/l	98
18) Methyl Acetate	2.75	43	300291	50.673	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	790403	52.591	ug/l	100
20) Methylene Chloride	2.84	84	248497	47.089	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	232282	46.683	ug/l	96
22) Diisopropyl ether	3.83	45	786212	50.414	ug/l	90
23) Vinyl Acetate	3.79	43	3560271	257.636	ug/l	100
24) 1,1-Dichloroethane	3.67	63	436888	48.576	ug/l	99
25) 2-Butanone	4.64	43	936540	251.443	ug/l	99
26) 2,2-Dichloropropane	4.56	77	350905	42.227	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	268700	48.179	ug/l	99
28) Bromochloromethane	4.98	49	196012	46.574	ug/l	97
29) Tetrahydrofuran	5.09	42	601114	256.055	ug/l	98
30) Chloroform	5.18	83	466927	51.168	ug/l	99
31) Cyclohexane	5.55	56	338361	44.707	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	425331	49.683	ug/l	99
36) 1,1-Dichloropropene	5.77	75	320661	46.299	ug/l	99
37) Ethyl Acetate	4.79	43	365963	49.483	ug/l	99
38) Carbon Tetrachloride	5.76	117	382164	49.823	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	344624	44.291	ug/l	97
40) Benzene	6.12	78	951309	47.929	ug/l	100
41) Methacrylonitrile	5.01	41	204093	49.663	ug/l	99
42) 1,2-Dichloroethane	6.17	62	393815	51.001	ug/l	100
43) Isopropyl Acetate	6.42	43	609472	49.661	ug/l	100
44) Trichloroethene	7.19	130	267431	46.543	ug/l	97
45) 1,2-Dichloropropane	7.49	63	258012	47.360	ug/l	98
46) Dibromomethane	7.64	93	183534	49.036	ug/l	97
47) Bromodichloromethane	7.88	83	383842	50.886	ug/l	98
48) Methyl methacrylate	7.75	41	301652	50.497	ug/l	97
49) 1,4-Dioxane	7.71	88	94656	958.984	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1891138	258.797	ug/l	99
52) Toluene	8.77	92	600198	48.054	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	416295	48.570	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	430453	48.749	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	254155	49.039	ug/l	97
56) Ethyl methacrylate	9.16	69	394281	51.307	ug/l	99
57) 1,3-Dichloropropane	9.35	76	423187	48.600	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1004524	245.861	ug/l	99
59) 2-Hexanone	9.48	43	1440804	259.227	ug/l	99
60) Dibromochloromethane	9.57	129	321559	52.033	ug/l	99
61) 1,2-Dibromoethane	9.65	107	279993	50.775	ug/l	98
64) Tetrachloroethene	9.32	164	242075	45.145	ug/l	97
65) Chlorobenzene	10.12	112	670723	47.825	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	277925	49.400	ug/l	100
67) Ethyl Benzene	10.24	91	1156633	47.647	ug/l	96
68) m/p-Xylenes	10.34	106	884239	96.293	ug/l	100
69) o-Xylene	10.68	106	426600	49.059	ug/l	99
70) Styrene	10.70	104	749653	49.929	ug/l	98
71) Bromoform	10.84	173	248491	52.605	ug/l #	99
73) Isopropylbenzene	11.00	105	1147265	46.326	ug/l	100
74) N-amyl acetate	10.88	43	552119	49.521	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	401836	49.022	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	483614	62.079	ug/l	84
77) Bromobenzene	11.24	156	314962	46.094	ug/l	99
78) n-propylbenzene	11.34	91	1312092	45.263	ug/l	100
79) 2-Chlorotoluene	11.40	91	807977	46.047	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	999423	47.189	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	142137	46.754	ug/l	98
82) 4-Chlorotoluene	11.49	91	960732	46.061	ug/l	100
83) tert-Butylbenzene	11.76	119	983941	47.849	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1022706	47.948	ug/l	98
85) sec-Butylbenzene	11.93	105	1104590	45.526	ug/l	99
86) p-Isopropyltoluene	12.05	119	1050446	47.108	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	560223	45.599	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	572316	45.943	ug/l	99
89) n-Butylbenzene	12.37	91	914245	44.288	ug/l	100
90) Hexachloroethane	12.58	117	206955	46.488	ug/l	92
91) 1,2-Dichlorobenzene	12.38	146	547206	47.587	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	99392	49.947	ug/l	96

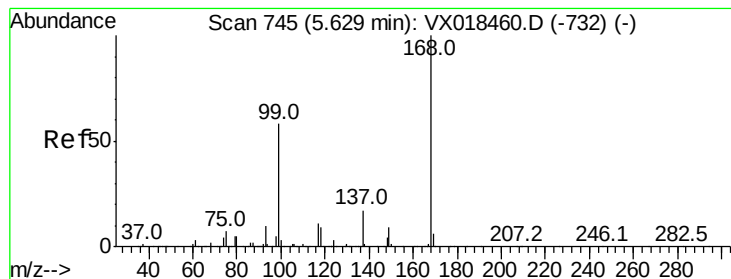
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	355194	44.382	ug/l	96
94) Hexachlorobutadiene	13.77	225	142366	42.392	ug/l	96
95) Naphthalene	13.82	128	1198201	49.574	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	358442	46.864	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Instrument :

MSVOA_X

ClientSampleId :

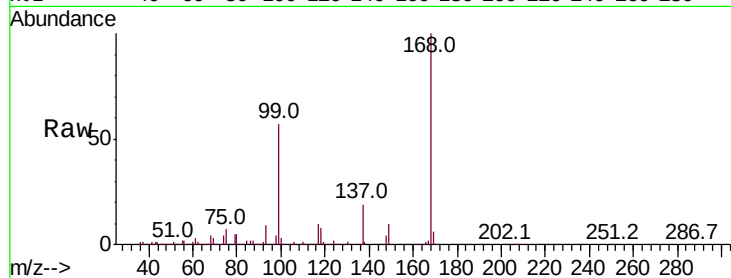
VSTDCCC050EC

Tot Ion:168 Resp: 442091

Ion Ratio Lower Upper

168 100

99 56.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

150000

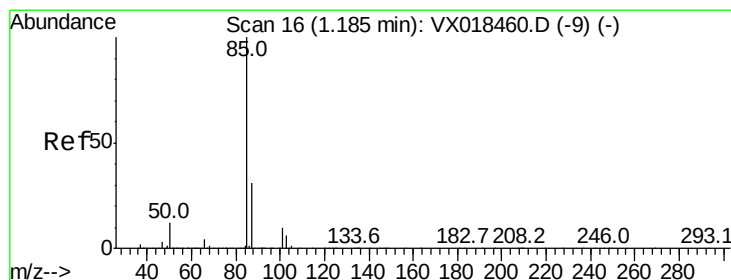
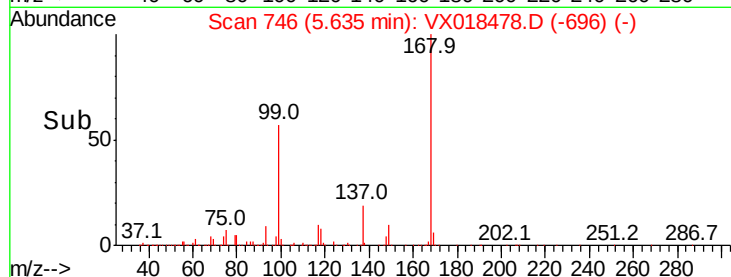
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 49.925 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018478.D

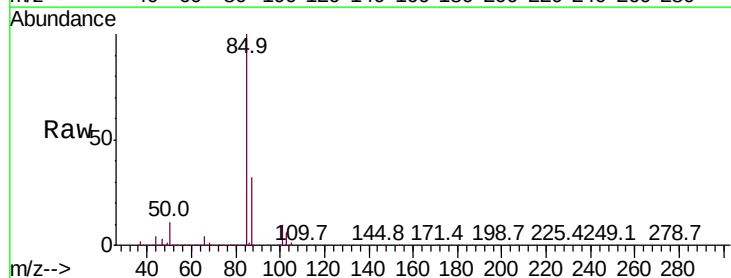
Acq: 17 Sep 2020 19:48

Tgt Ion: 85 Resp: 209258

Ion Ratio Lower Upper

85 100

87 32.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

250000

200000

150000

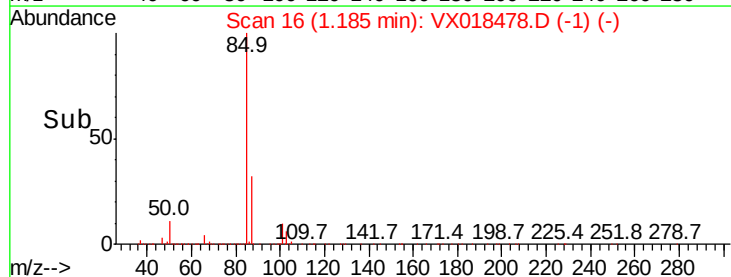
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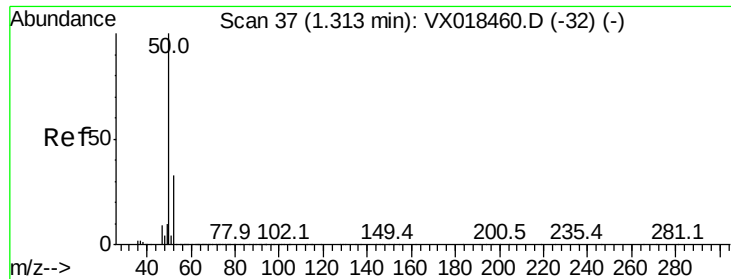
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Time-->

1.10 1.15 1.20 1.25

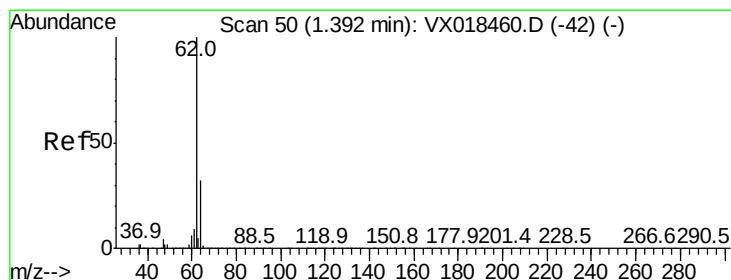
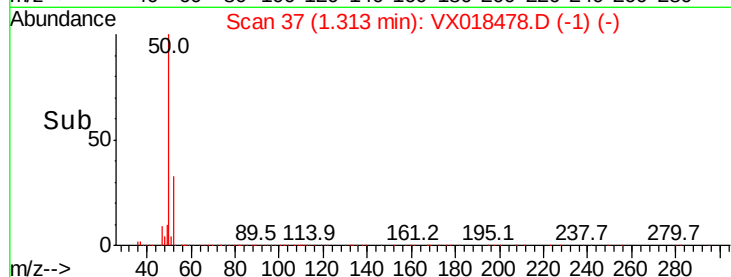
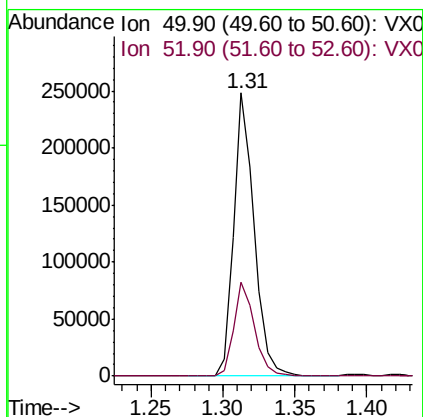
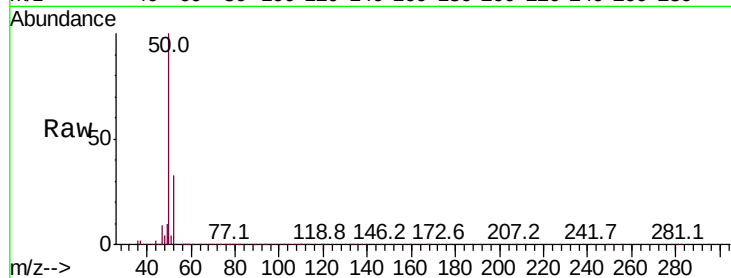




#3
Chloromethane
Concen: 50.606 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX018478.D
Acq: 17 Sep 2020 19:48

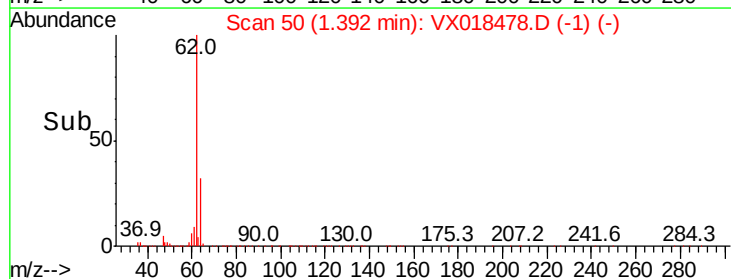
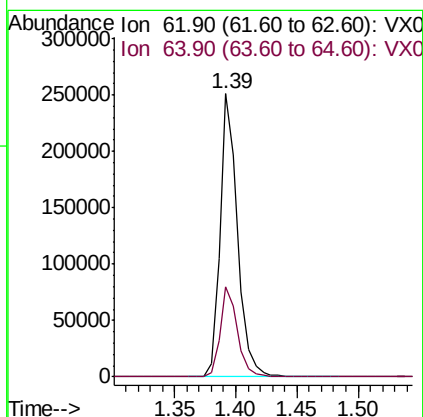
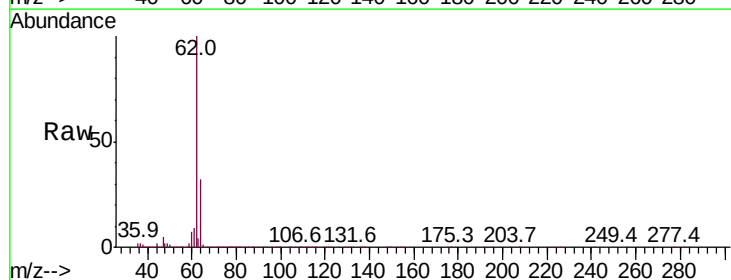
Instrument :
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ClientSampleId :
VSTDCCC050EC

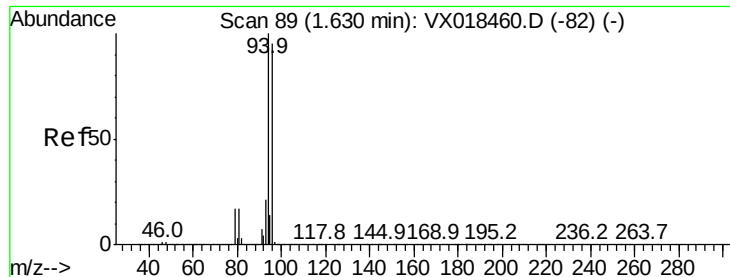
Tot Ion: 50 Resp: 248323
Ion Ratio Lower Upper
50 100
52 33.1 26.6 40.0



#4
Vinyl Chloride
Concen: 48.226 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX018478.D
Acq: 17 Sep 2020 19:48

Tgt Ion: 62 Resp: 250526
Ion Ratio Lower Upper
62 100
64 31.7 25.7 38.5





#5

Bromomethane

Concen: 55.410 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Instrument :

MSVOA_X

ClientSampleId :

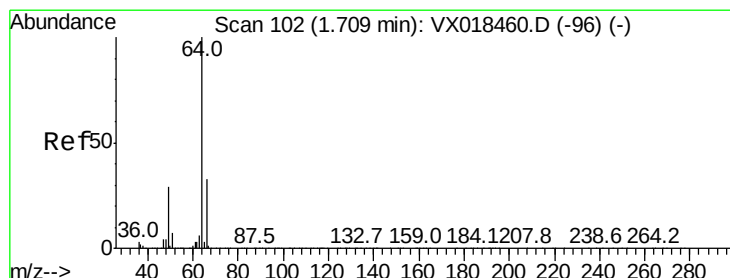
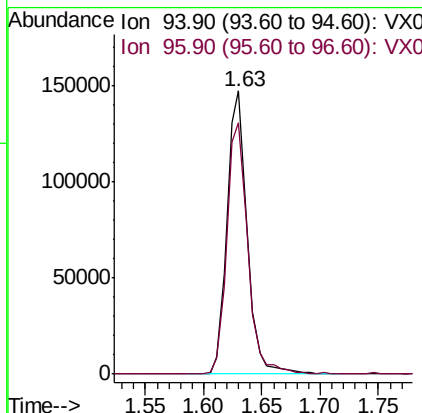
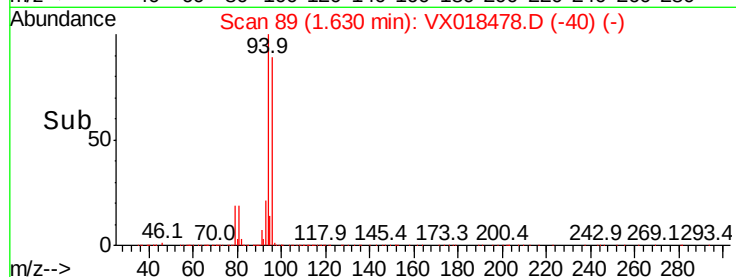
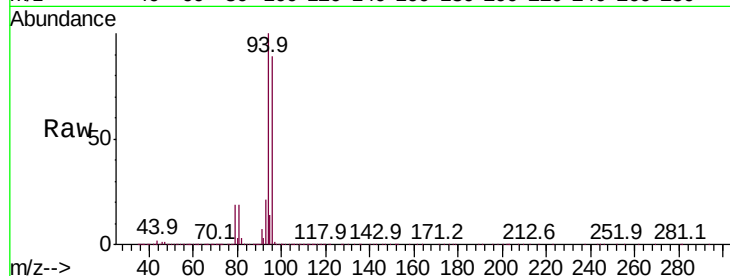
VSTDCCC050EC

Tot Ion: 94 Resp: 176670

Ion Ratio Lower Upper

94 100

96 88.6 75.5 113.3



#6

Chloroethane

Concen: 50.305 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX018478.D

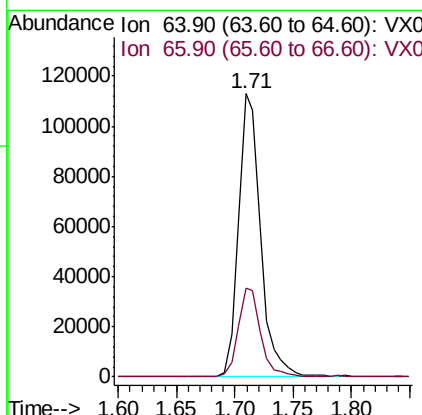
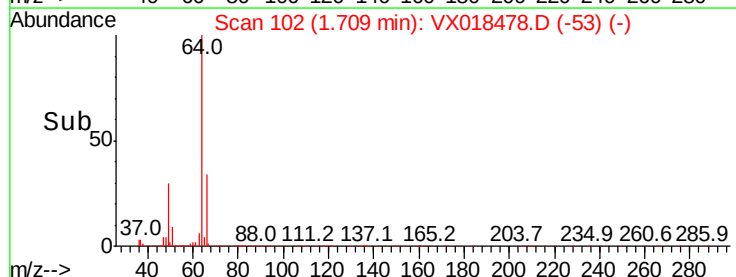
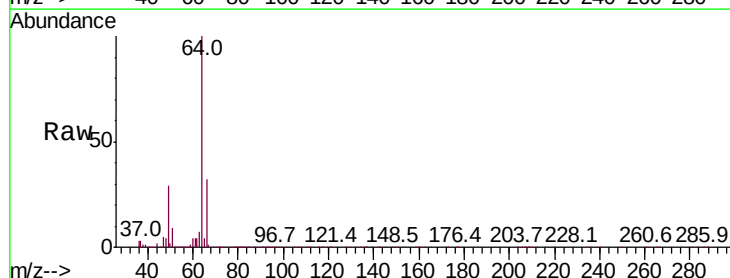
Acq: 17 Sep 2020 19:48

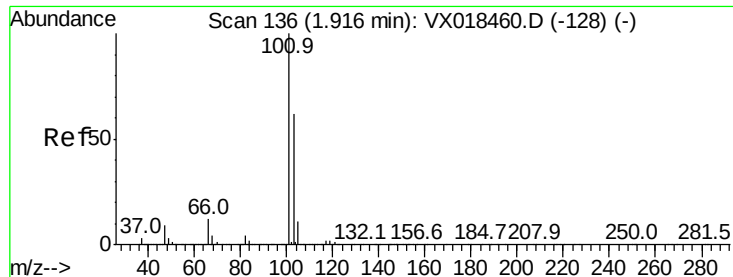
Tgt Ion: 64 Resp: 149564

Ion Ratio Lower Upper

64 100

66 31.3 26.2 39.4



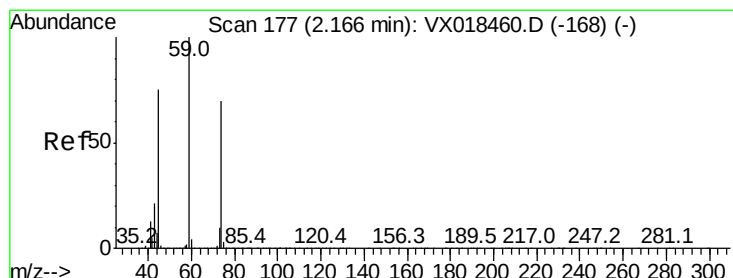
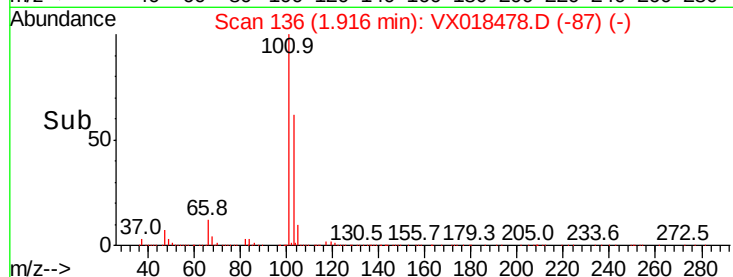
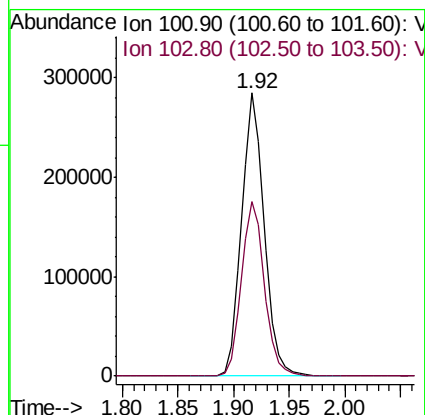
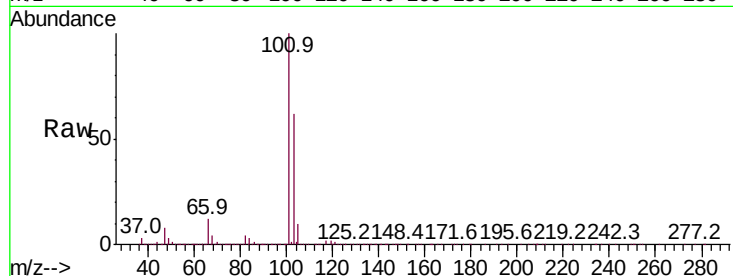


#7

Trichlorofluoromethane
Concen: 50.936 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018478.D
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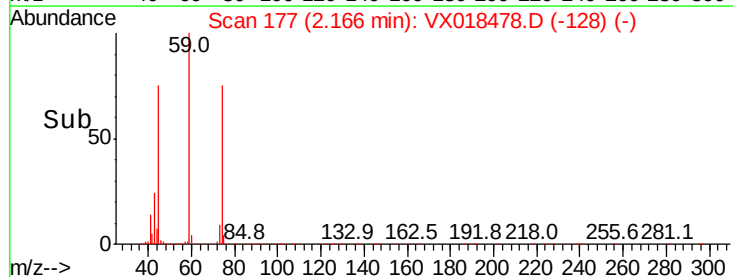
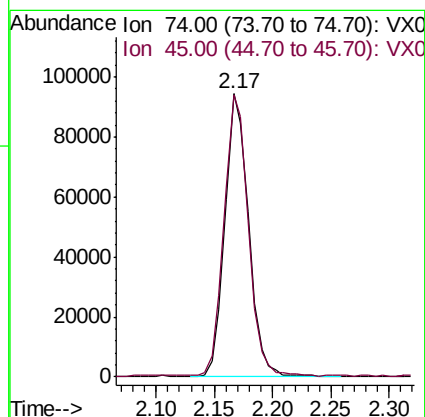
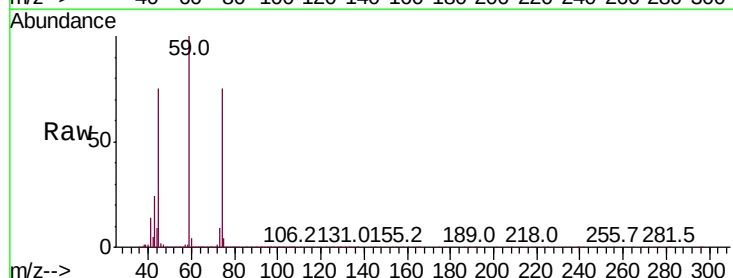
Tot Ion:101 Resp: 401981
Ion Ratio Lower Upper
101 100
103 61.5 49.6 74.4

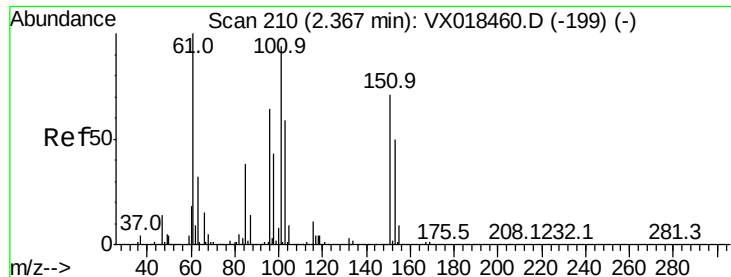


#8

Diethyl Ether
Concen: 47.959 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX018478.D
Acq: 17 Sep 2020 19:48

Tgt Ion: 74 Resp: 132794
Ion Ratio Lower Upper
74 100
45 101.4 50.7 152.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.636 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

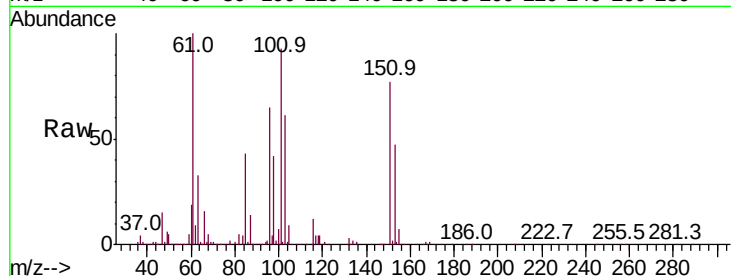
Tot Ion:101 Resp: 198100

Ion Ratio Lower Upper

101 100

85 44.9 34.7 52.1

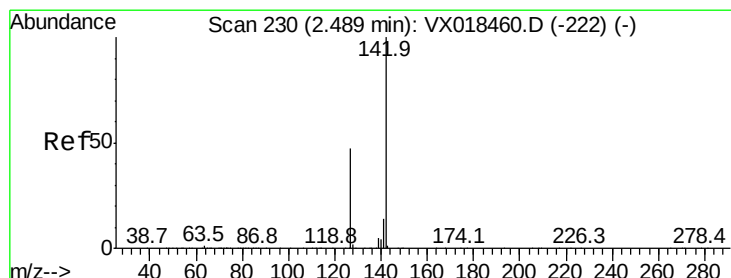
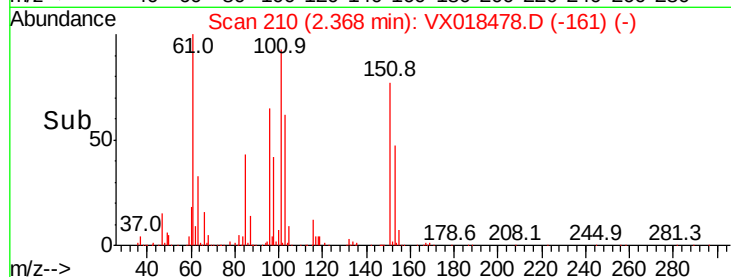
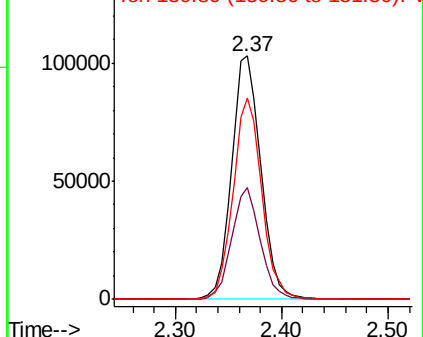
151 81.3 64.9 97.3



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: 43.663 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

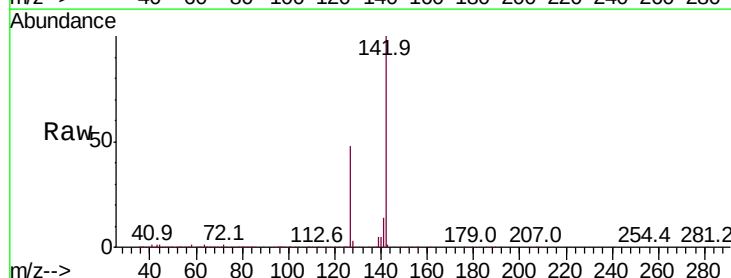
Tgt Ion:142 Resp: 225854

Ion Ratio Lower Upper

142 100

127 48.4 36.0 54.0

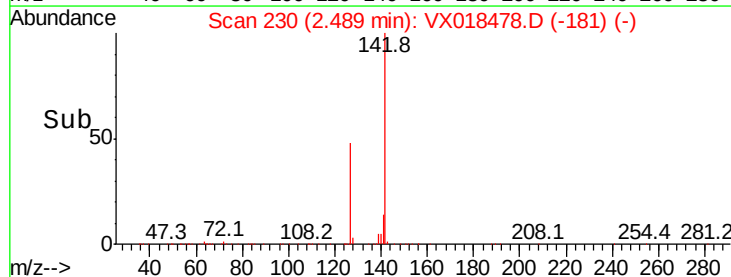
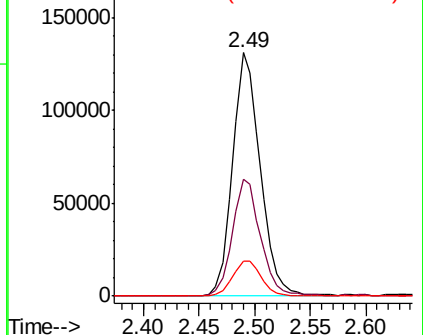
141 15.0 11.9 17.9

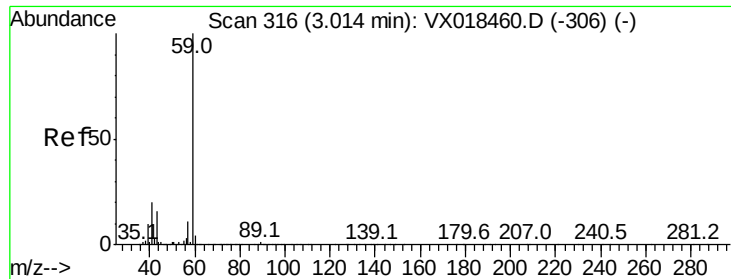


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



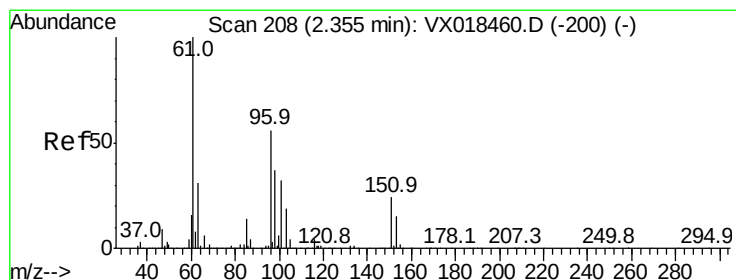
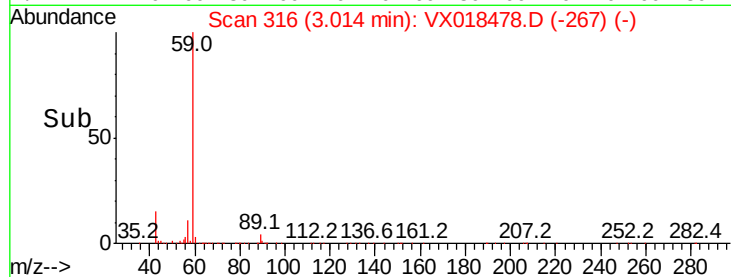
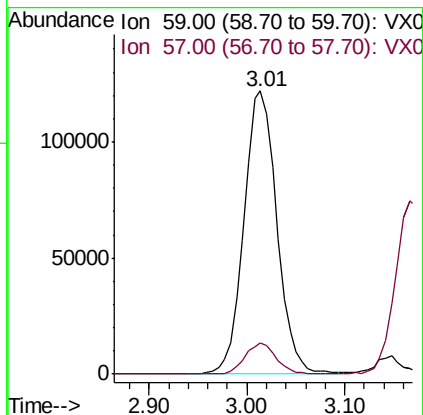
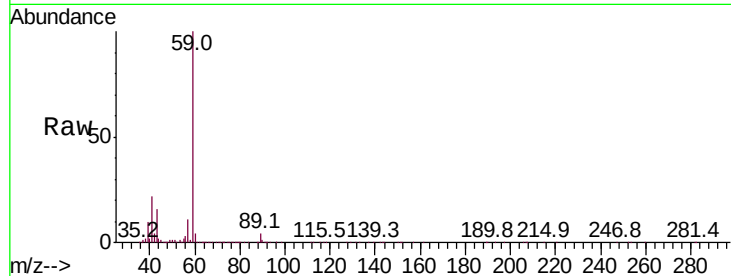


#11

Tert butyl alcohol
Concen: 261.738 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX018478.D
Acq: 17 Sep 2020 19:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

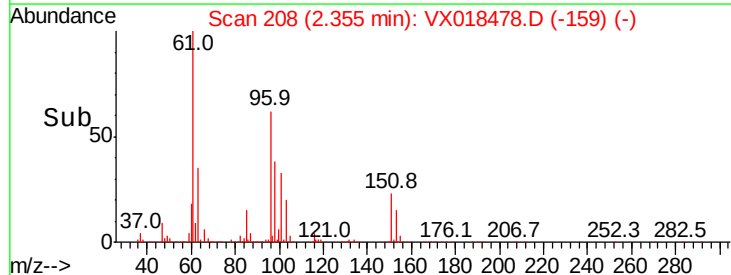
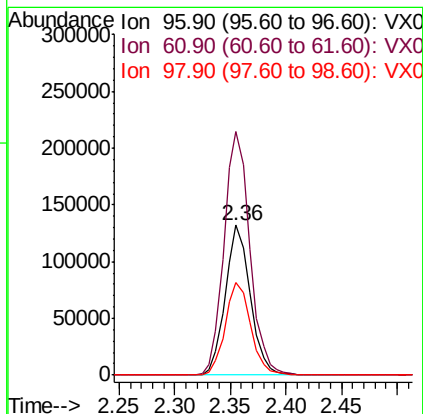
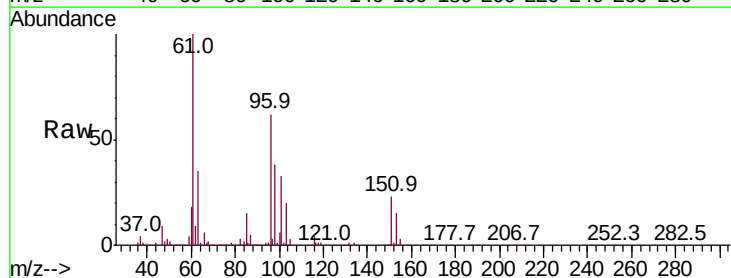
Tot Ion: 59 Resp: 284818
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

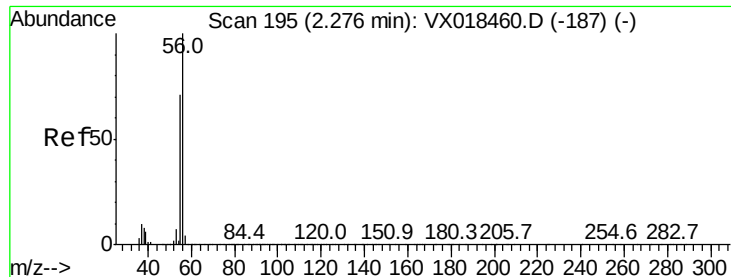


#12

1,1-Dichloroethene
Concen: 47.775 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX018478.D
Acq: 17 Sep 2020 19:48

Tgt Ion: 96 Resp: 204543
Ion Ratio Lower Upper
96 100
61 162.3 142.2 213.4
98 61.6 52.4 78.6





#13

Acrolein

Concen: 235.946 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Instrument :

MSVOA_X

ClientSampleId :

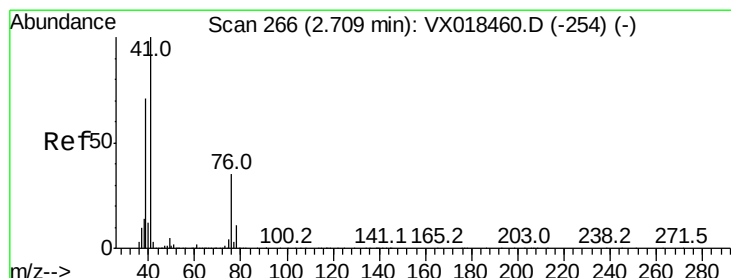
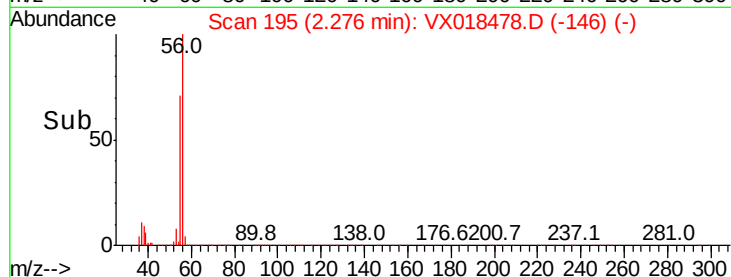
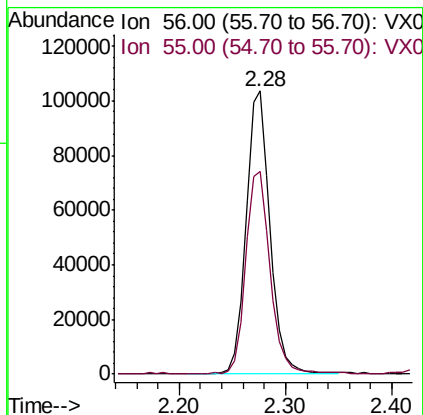
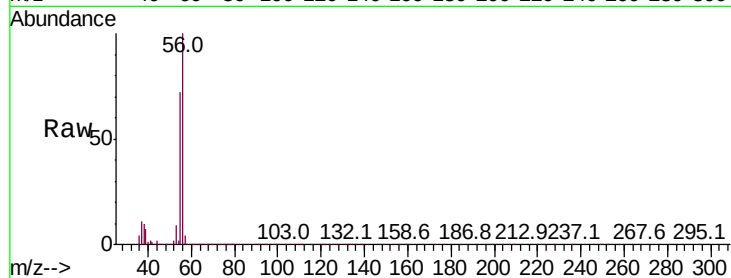
VSTDCCC050EC

Tot Ion: 56 Resp: 162572

Ion Ratio Lower Upper

56 100

55 73.1 58.2 87.4



#14

Allyl chloride

Concen: 46.688 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

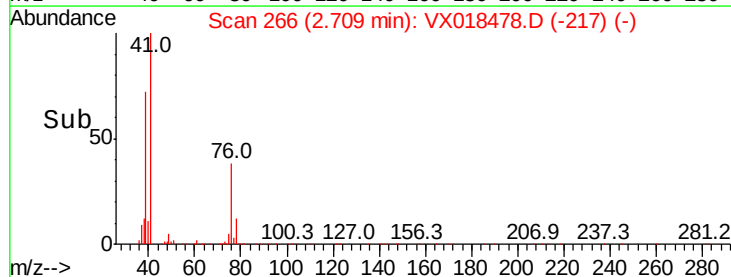
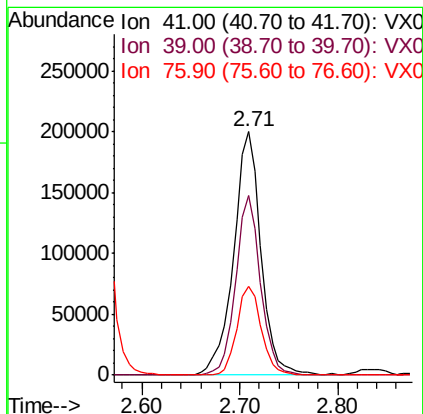
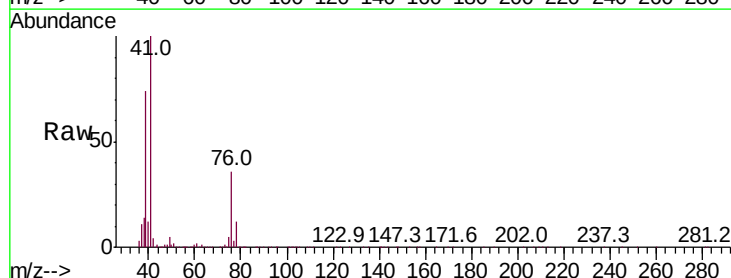
Tgt Ion: 41 Resp: 387357

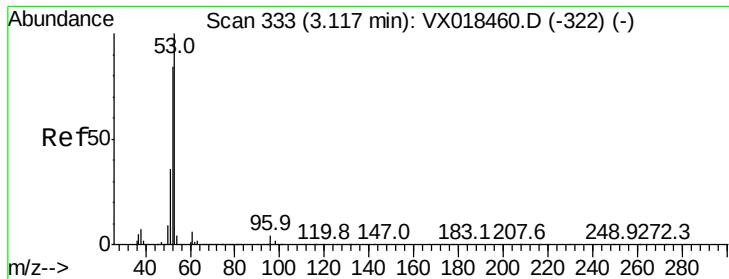
Ion Ratio Lower Upper

41 100

39 67.2 51.1 76.7

76 32.7 26.0 39.0





#15

Acrylonitrile

Concen: 255.123 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

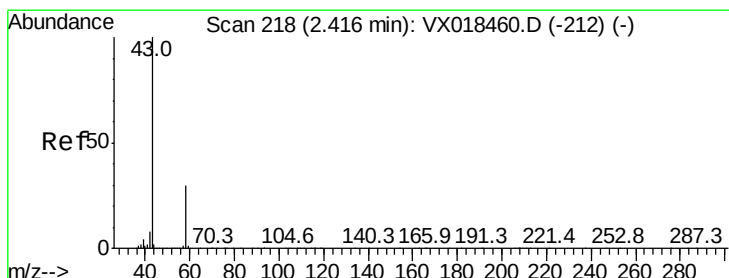
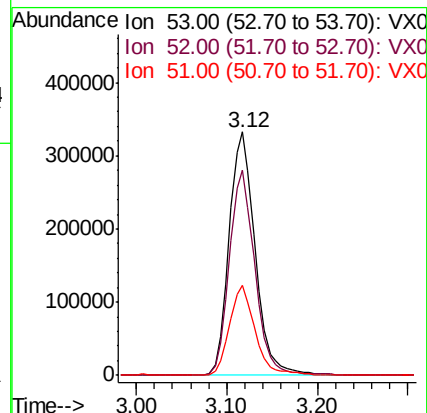
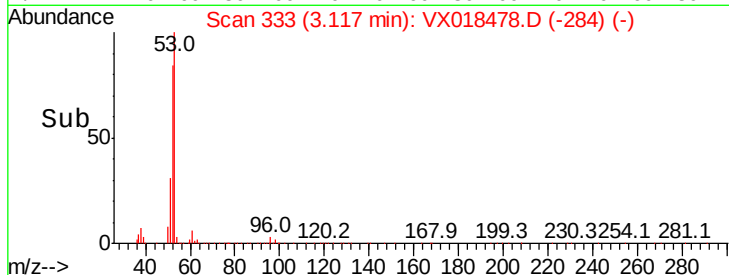
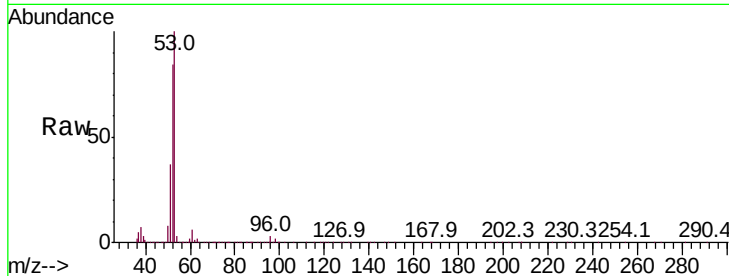
Tot Ion: 53 Resp: 662411

Ion Ratio Lower Upper

53 100

52 82.9 65.8 98.8

51 36.7 29.2 43.8



#16

Acetone

Concen: 240.290 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX018478.D

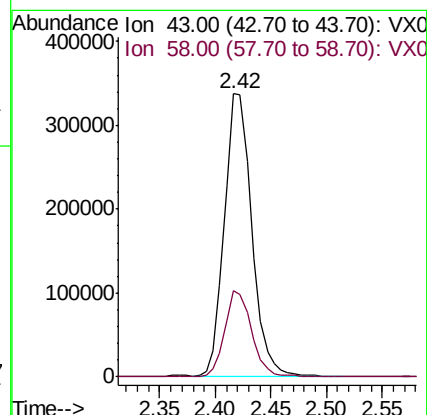
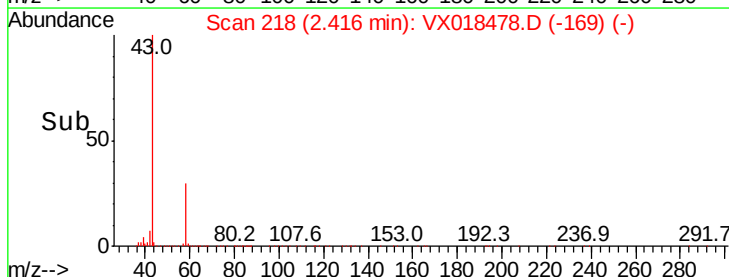
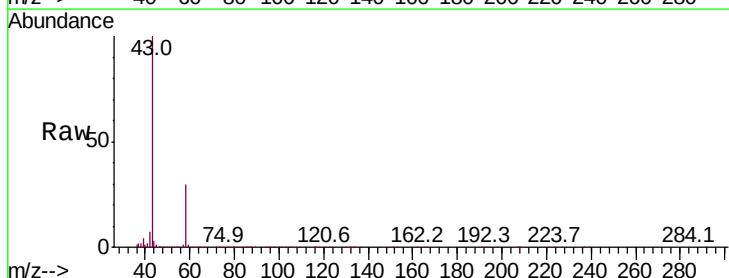
Acq: 17 Sep 2020 19:48

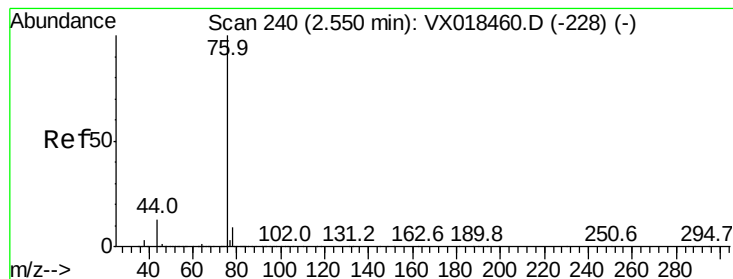
Tgt Ion: 43 Resp: 574725

Ion Ratio Lower Upper

43 100

58 30.2 24.0 36.0





#17

Carbon Disulfide

Concen: 45.925 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Instrument :

MSVOA_X

ClientSampleId :

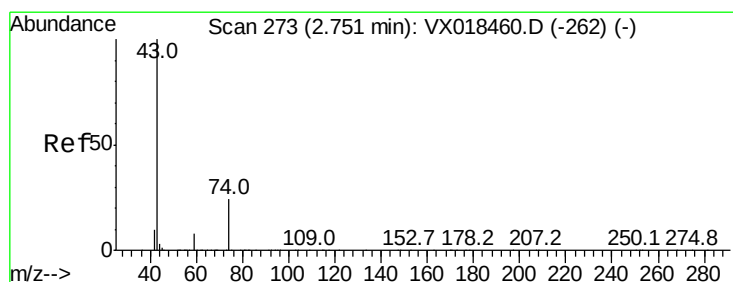
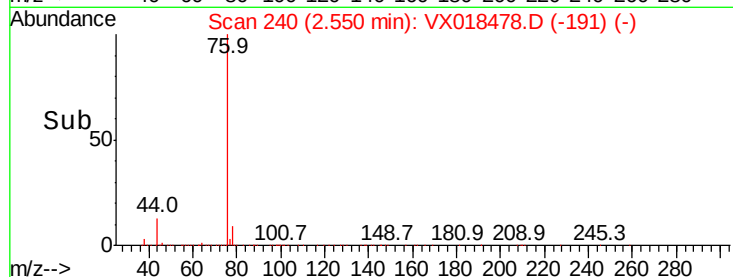
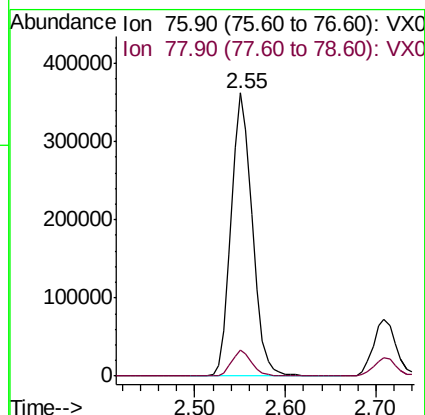
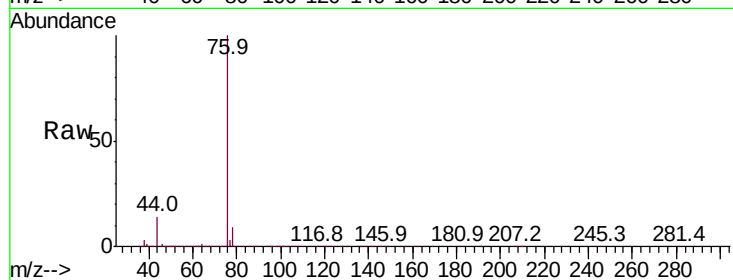
VSTDCCC050EC

Tot Ion: 76 Resp: 587214

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.4



#18

Methyl Acetate

Concen: 50.673 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX018478.D

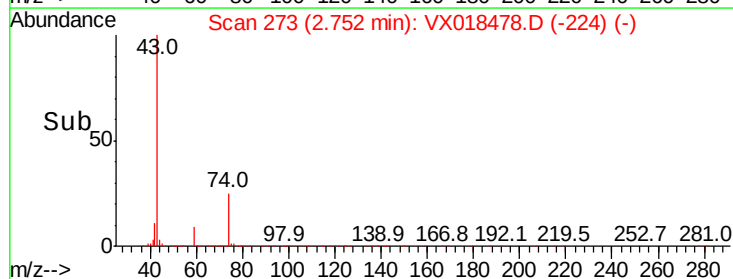
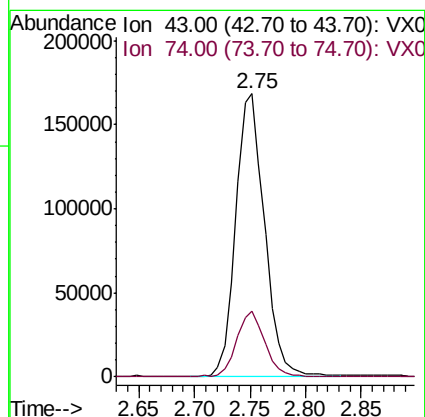
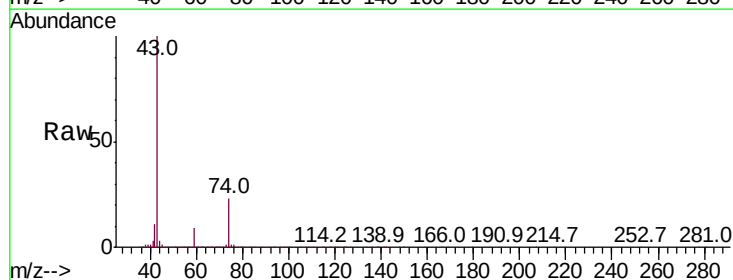
Acq: 17 Sep 2020 19:48

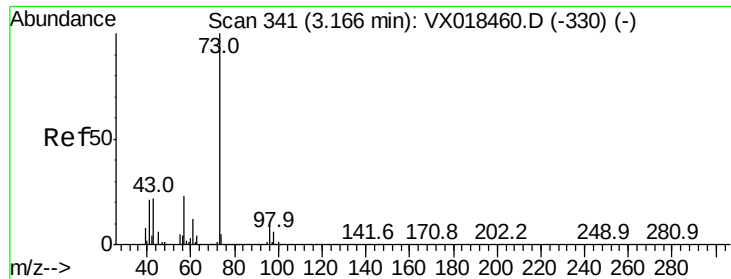
Tgt Ion: 43 Resp: 300291

Ion Ratio Lower Upper

43 100

74 23.3 18.3 27.5

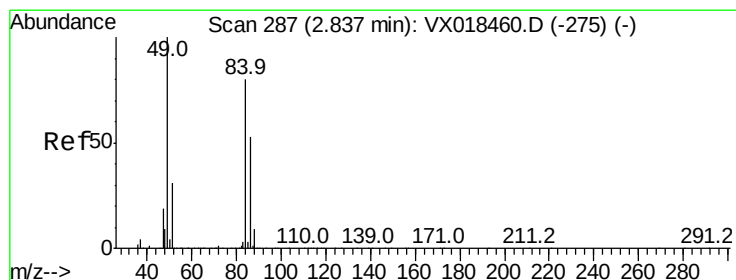
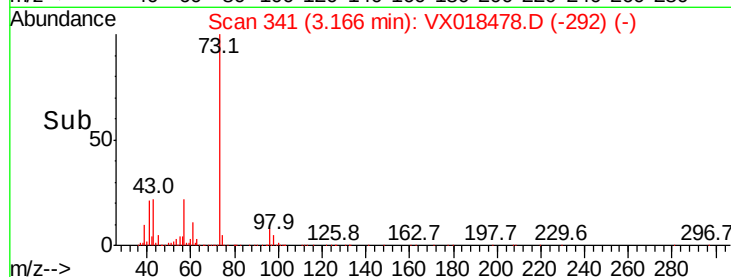
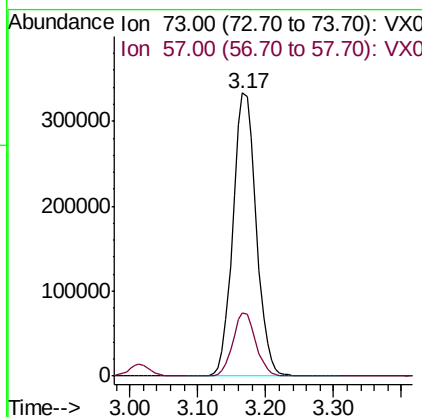
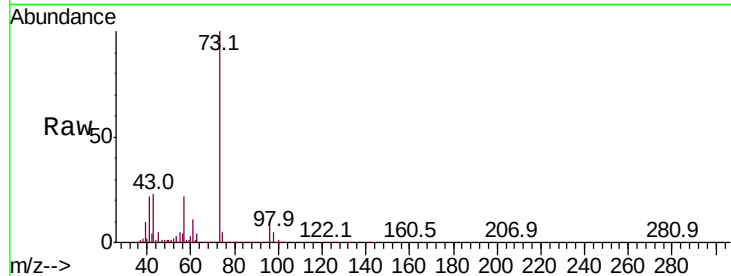




#19
Methyl tert-butyl Ether
Concen: 52.591 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018478.D
Acq: 17 Sep 2020 19:48

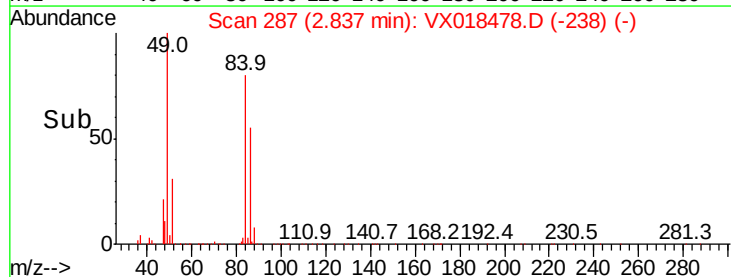
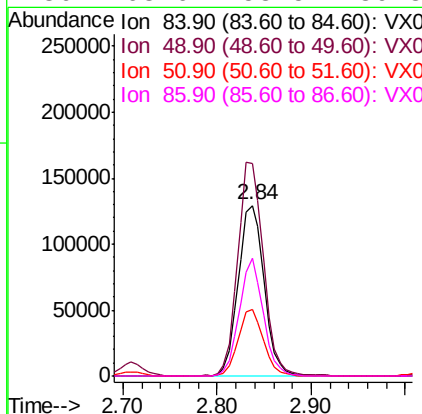
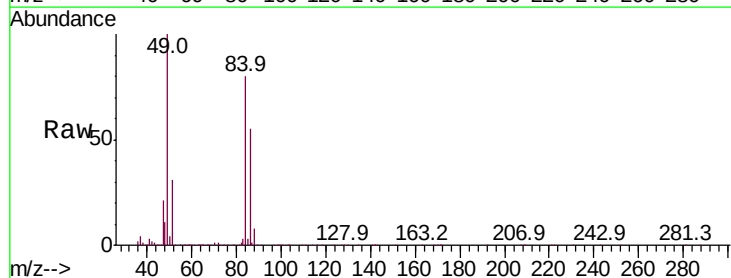
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

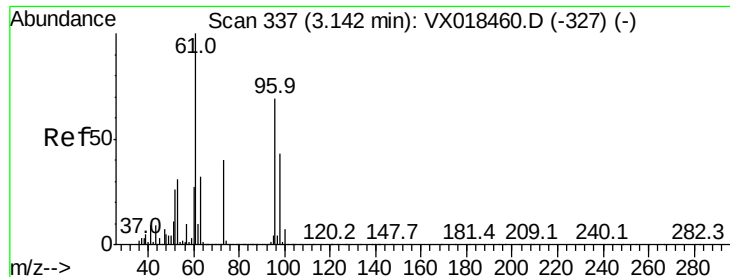
Tot Ion: 73 Resp: 790403
Ion Ratio Lower Upper
73 100
57 22.3 18.0 27.0



#20
Methylene Chloride
Concen: 47.089 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018478.D
Acq: 17 Sep 2020 19:48

Tgt Ion: 84 Resp: 248497
Ion Ratio Lower Upper
84 100
49 124.7 100.6 151.0
51 38.9 30.9 46.3
86 68.6 53.5 80.3





#21

trans-1,2-Dichloroethene

Concen: 46.683 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

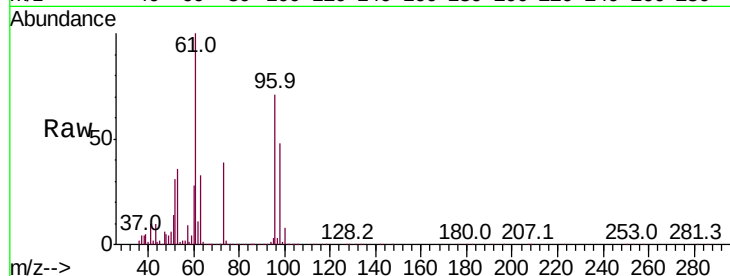
Tot Ion: 96 Resp: 232282

Ion Ratio Lower Upper

96 100

61 140.6 115.6 173.4

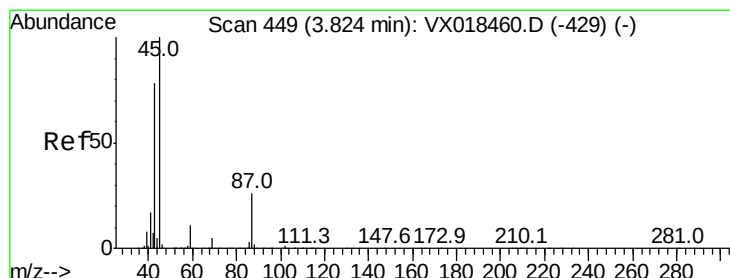
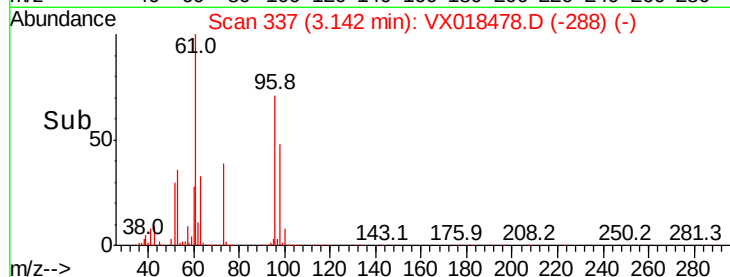
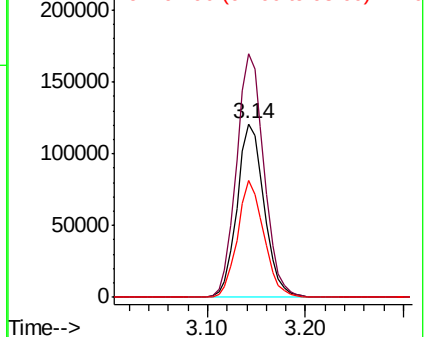
98 67.2 50.2 75.4



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: 50.414 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Tgt Ion: 45 Resp: 786212

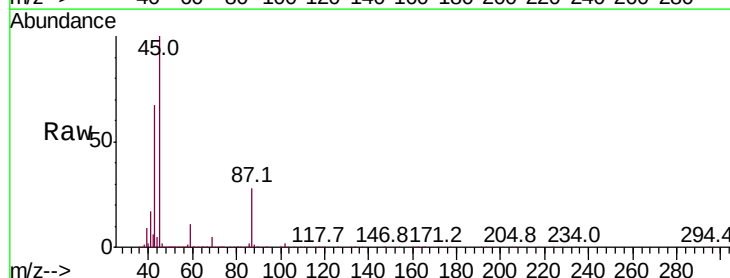
Ion Ratio Lower Upper

45 100

43 66.5 62.4 93.6

87 27.9 21.2 31.8

59 11.4 8.9 13.3

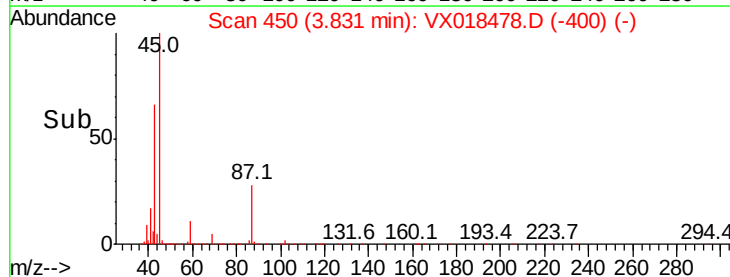
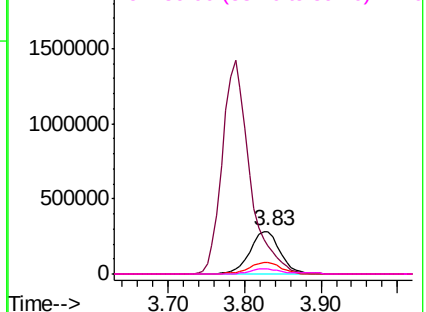


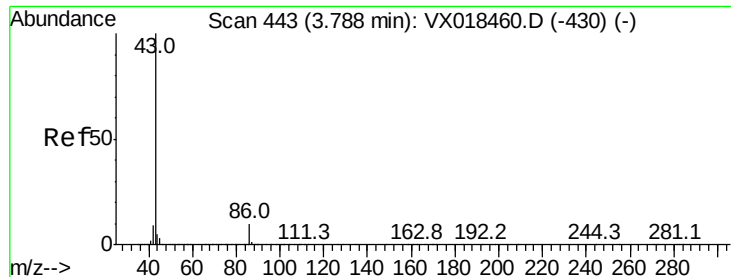
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 257.636 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Instrument :

MSVOA_X

ClientSampleId :

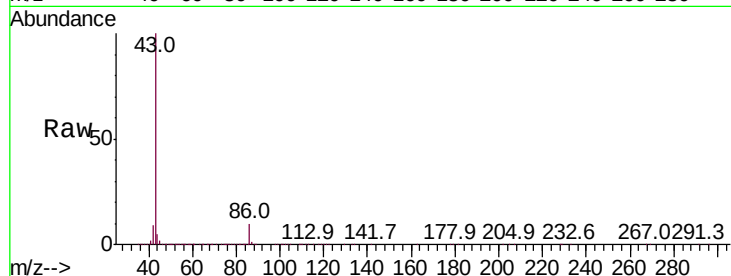
VSTDCCC050EC

Tot Ion: 43 Resp: 3560271

Ion Ratio Lower Upper

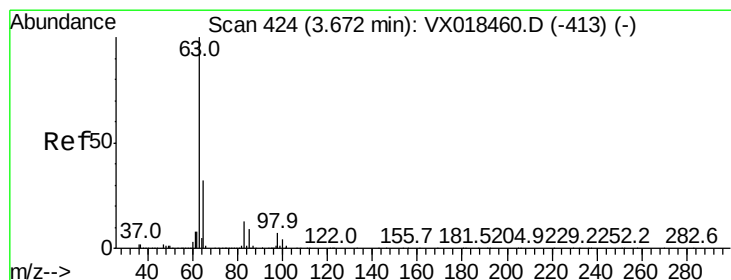
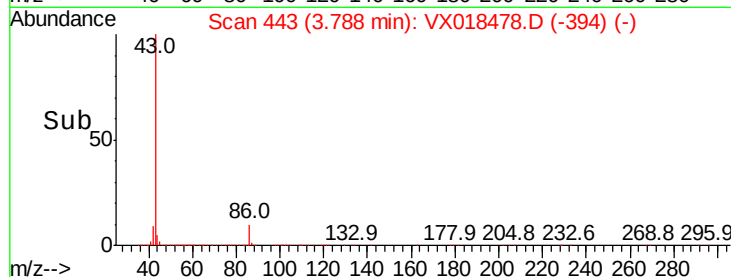
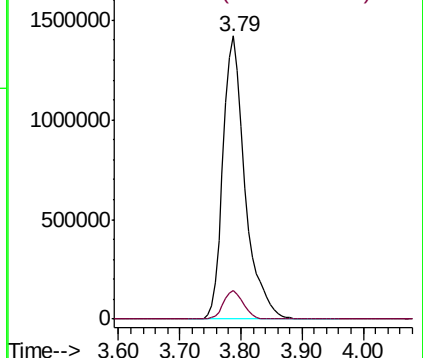
43 100

86 10.1 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.576 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

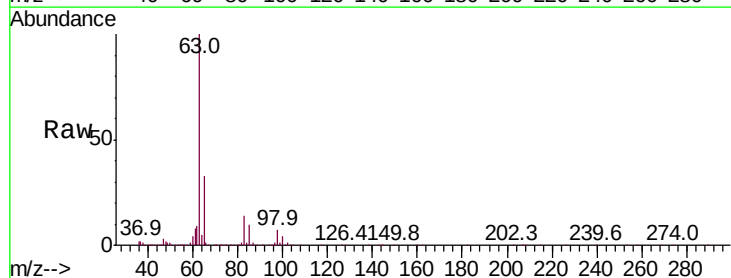
Tgt Ion: 63 Resp: 436888

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.6

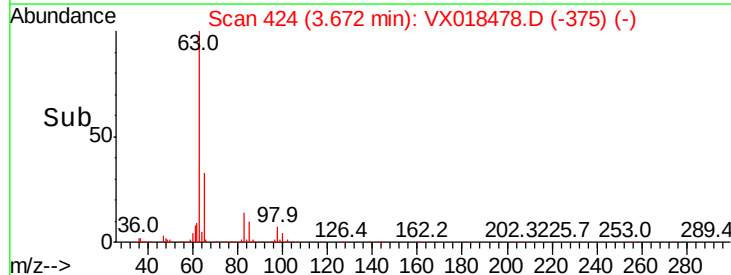
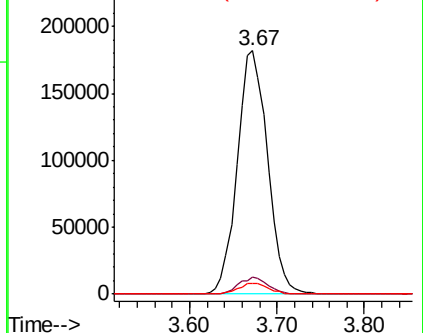
100 4.4 1.9 5.7

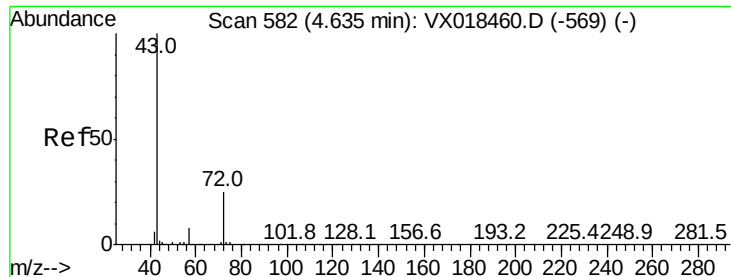


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

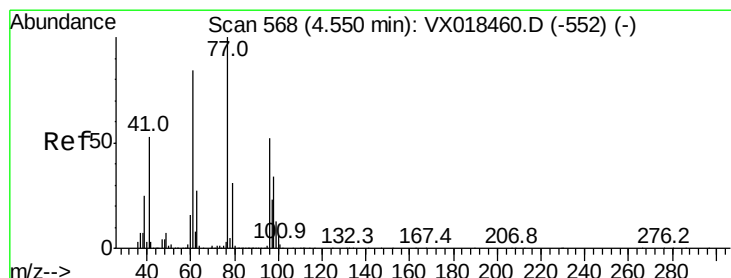
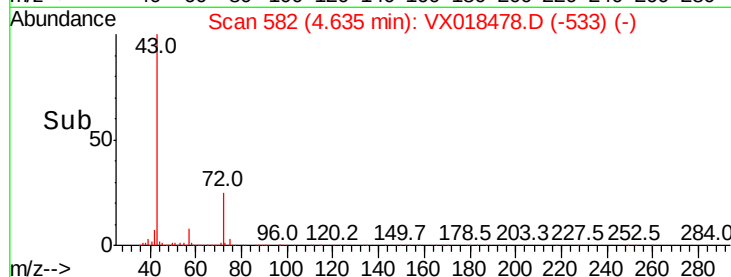
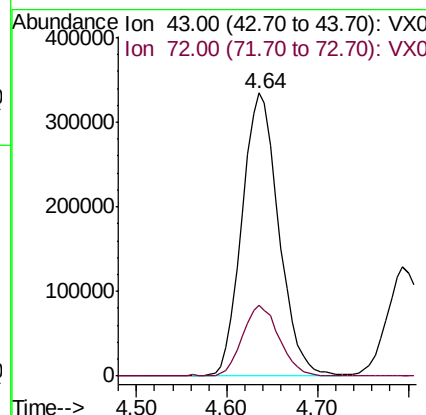
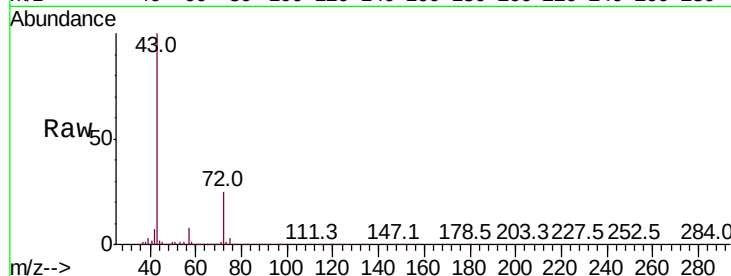




#25
2-Butanone
Concen: 251.443 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX018478.D
Acq: 17 Sep 2020 19:48

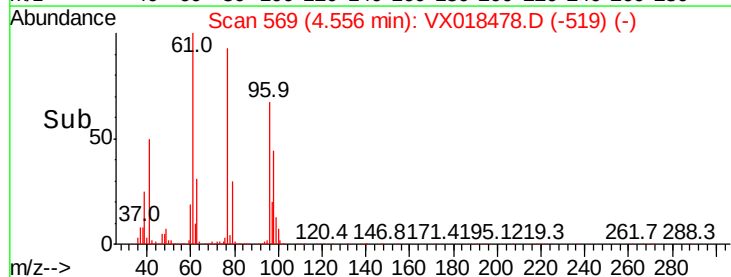
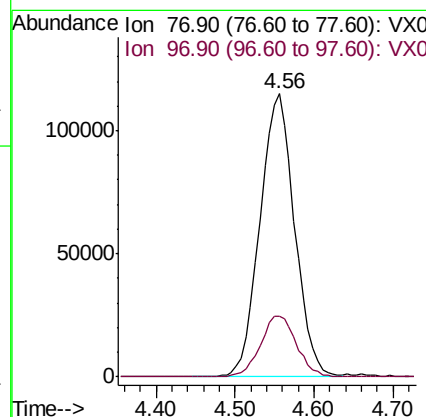
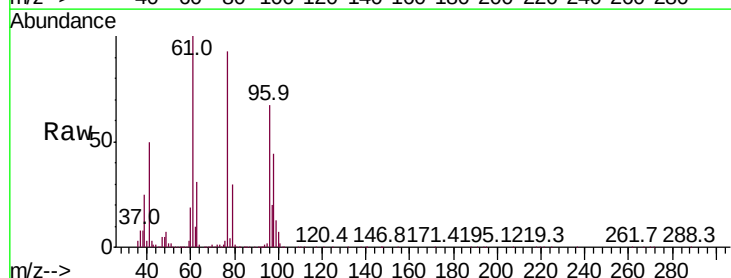
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

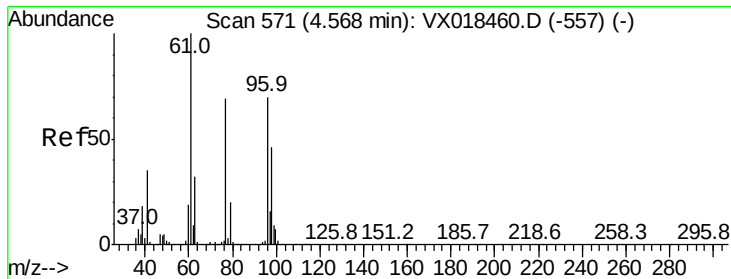
Tot Ion: 43 Resp: 936540
Ion Ratio Lower Upper
43 100
72 24.9 20.2 30.4



#26
2,2-Dichloropropane
Concen: 42.227 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX018478.D
Acq: 17 Sep 2020 19:48

Tgt Ion: 77 Resp: 350905
Ion Ratio Lower Upper
77 100
97 22.3 11.2 33.5



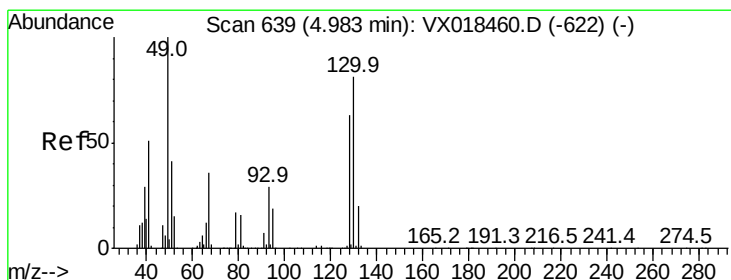
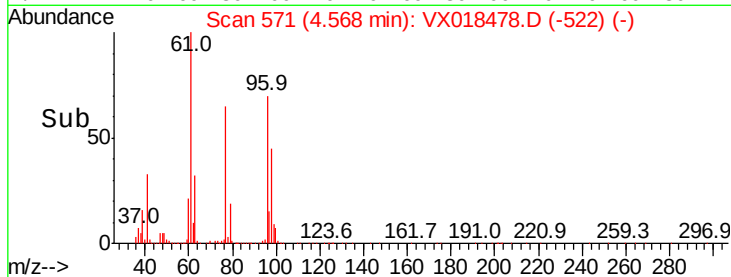
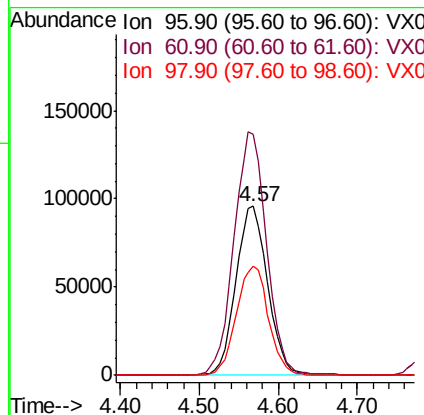
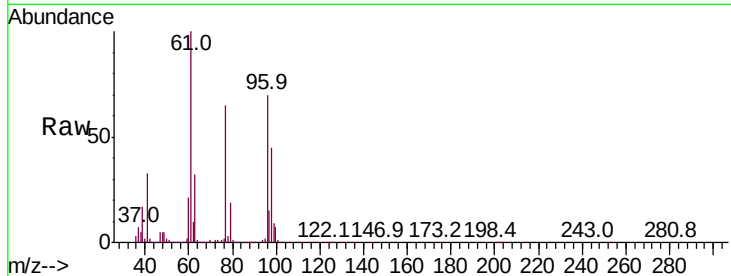


#27

cis-1,2-Dichloroethene
Concen: 48.179 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX018478.D
Acq: 17 Sep 2020 19:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

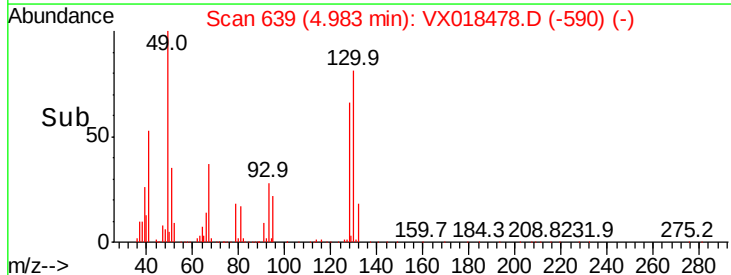
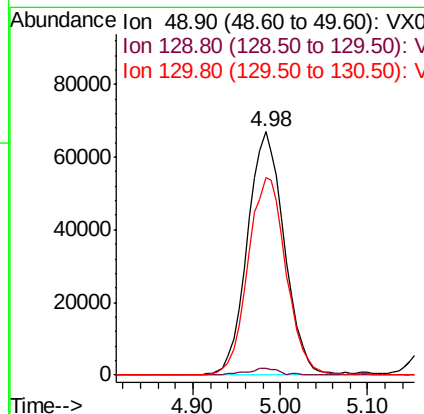
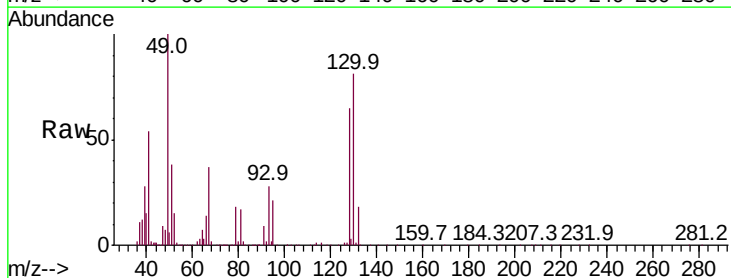
Tot Ion	Ratio	Lower	Upper
96	100		
61	148.0	0.0	300.0
98	65.1	0.0	130.4

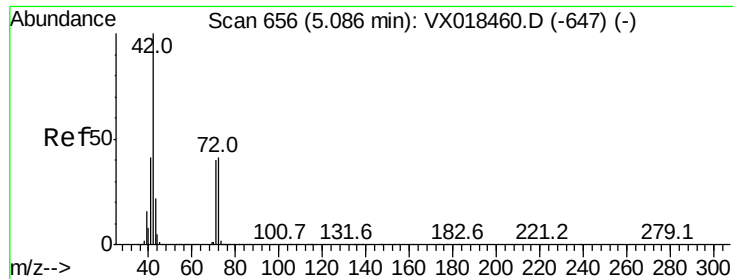


#28

Bromochloromethane
Concen: 46.574 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018478.D
Acq: 17 Sep 2020 19:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	83.6	65.0	97.4

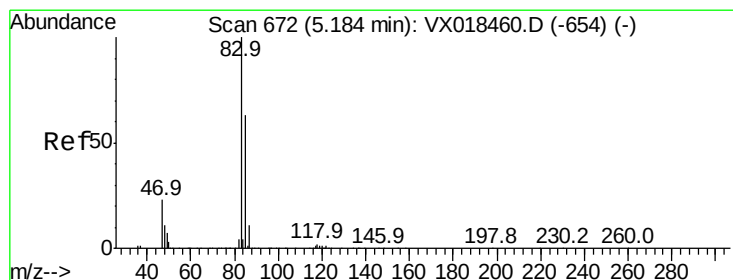
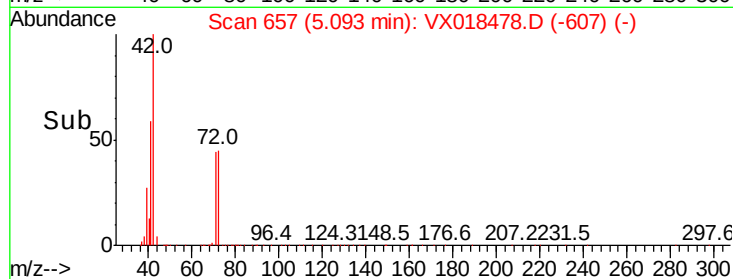
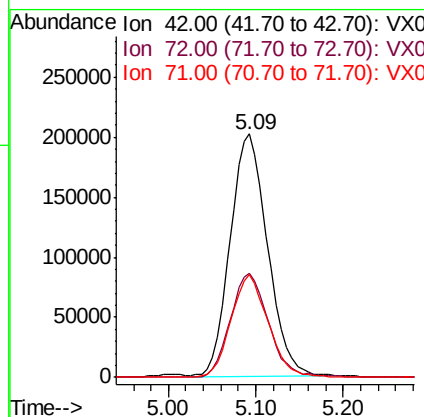
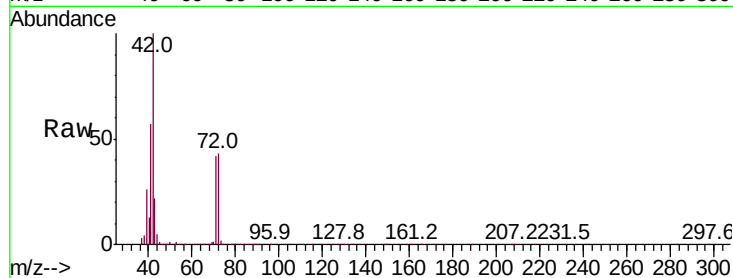




#29
Tetrahydrofuran
Concen: 256.055 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX018478.D
Acq: 17 Sep 2020 19:48

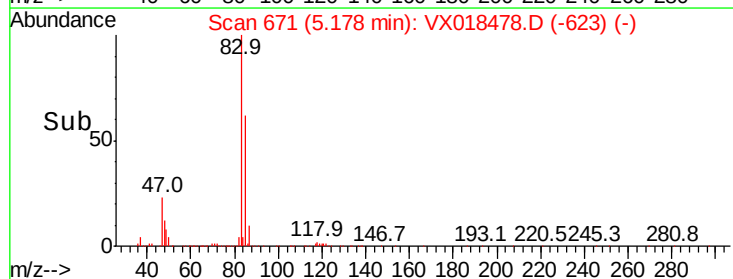
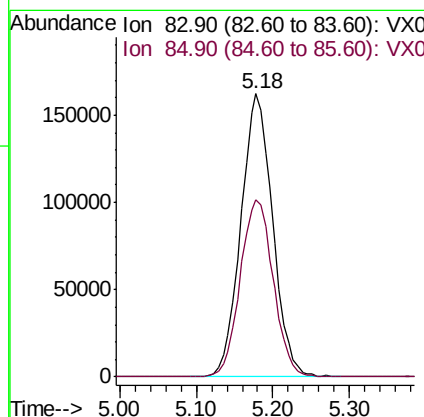
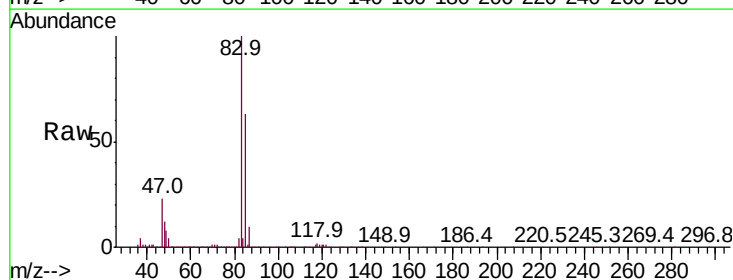
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

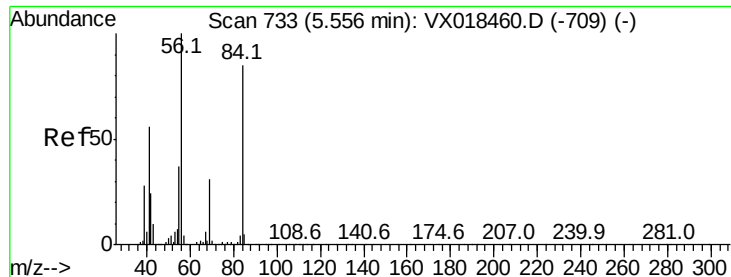
Tot Ion:	42	Resp:	601114
Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.3	51.5
71	42.0	32.1	48.1



#30
Chloroform
Concen: 51.168 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX018478.D
Acq: 17 Sep 2020 19:48

Tgt Ion:	83	Resp:	466927
Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.6	76.0

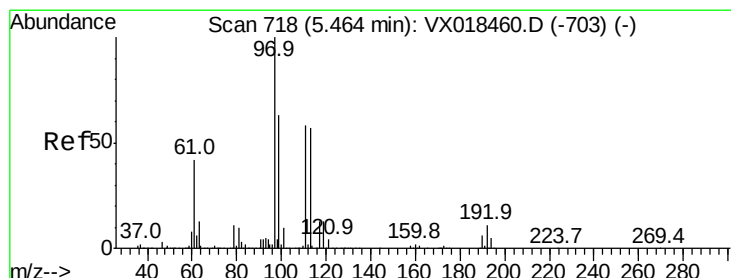
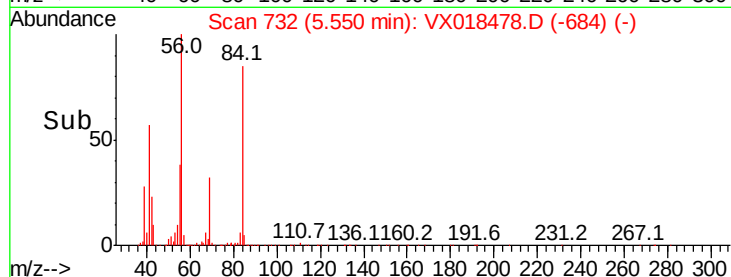
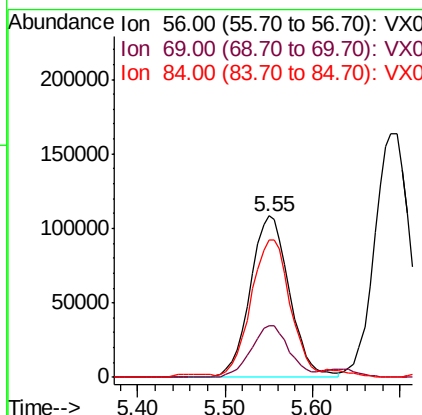
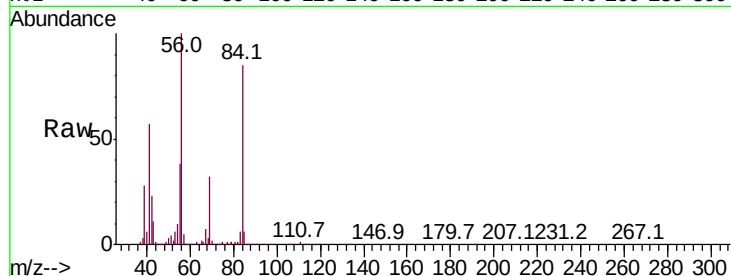




#31
Cyclohexane
Concen: 44.707 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018478.D
Acq: 17 Sep 2020 19:48

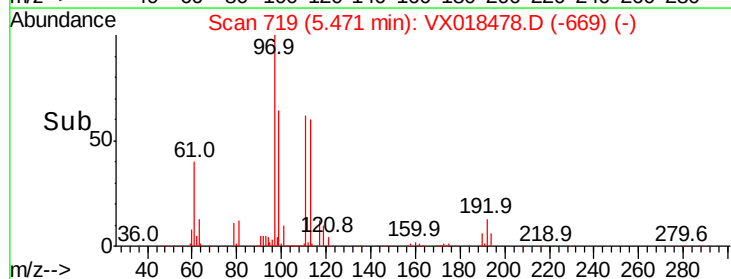
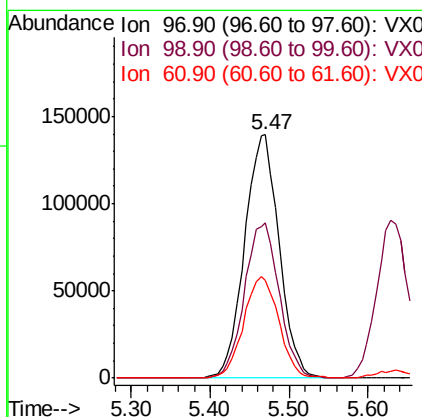
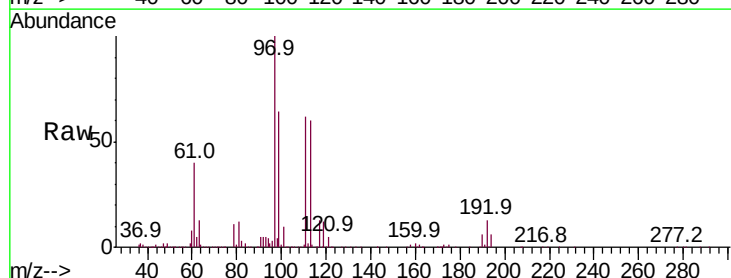
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

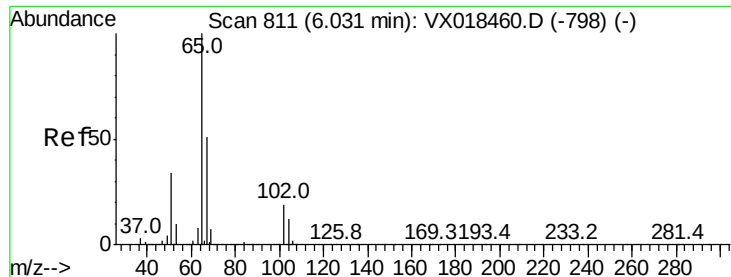
Tot Ion: 56 Resp: 338361
Ion Ratio Lower Upper
56 100
69 31.0 24.8 37.2
84 83.3 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 49.683 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX018478.D
Acq: 17 Sep 2020 19:48

Tgt Ion: 97 Resp: 425331
Ion Ratio Lower Upper
97 100
99 64.3 50.5 75.7
61 42.4 33.4 50.2





#33

1,2-Dichloroethane-d4

Concen: 50.308 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

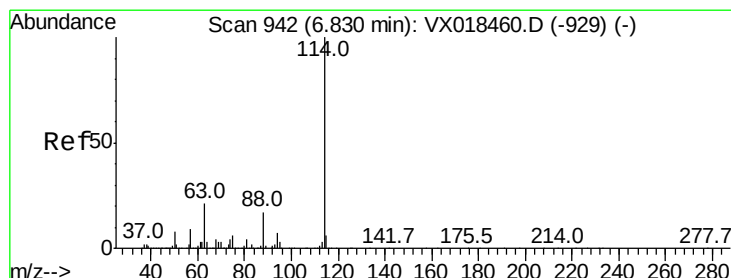
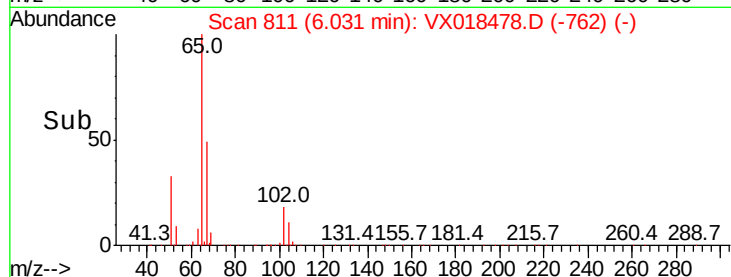
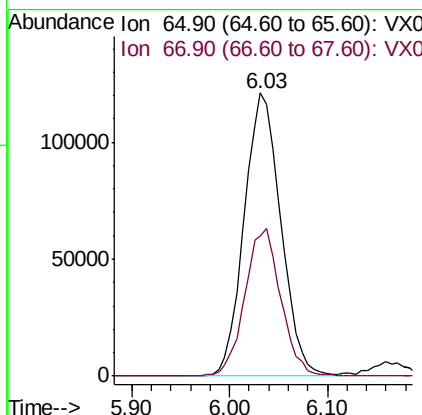
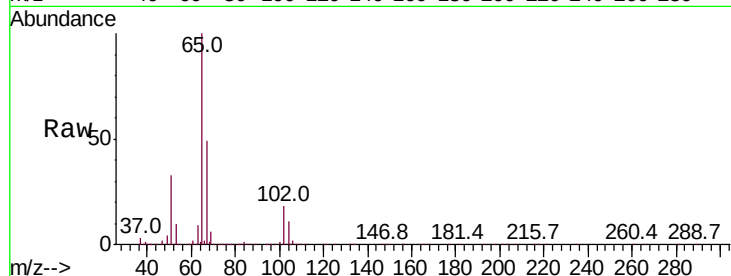
Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 65 Resp: 314626

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

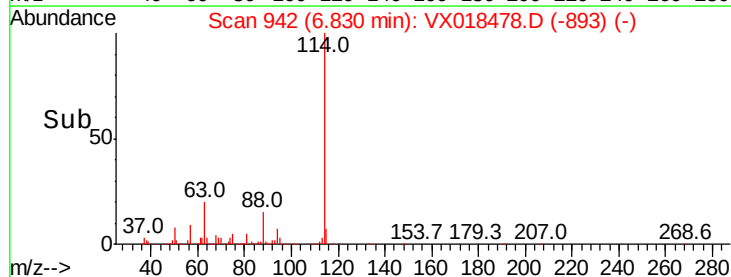
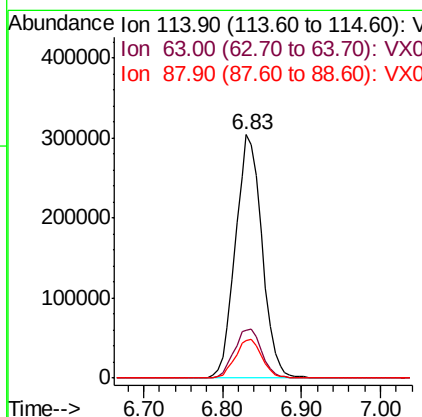
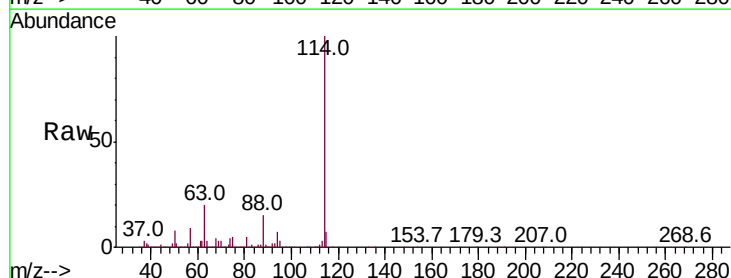
Delta R.T. 0.00 min

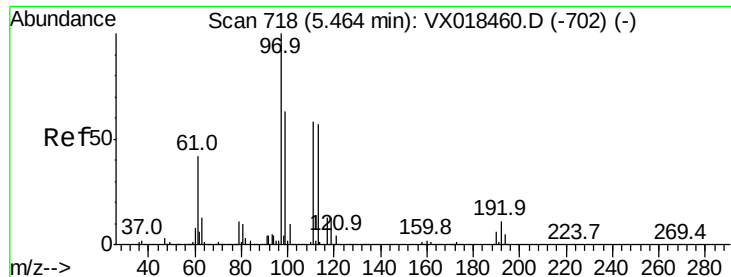
Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Tgt Ion: 114 Resp: 713557

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	42.8
88	15.4	0.0	33.6





#35

Dibromofluoromethane

Concen: 49.627 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

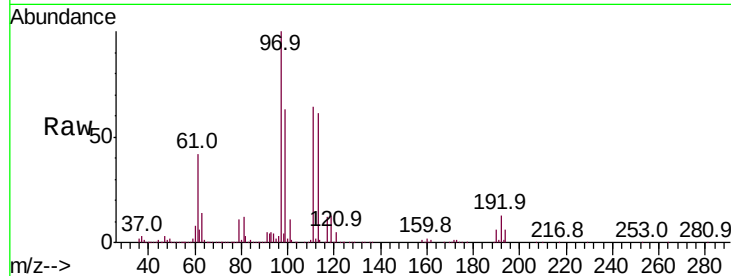
Tot Ion:113 Resp: 244808

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.2

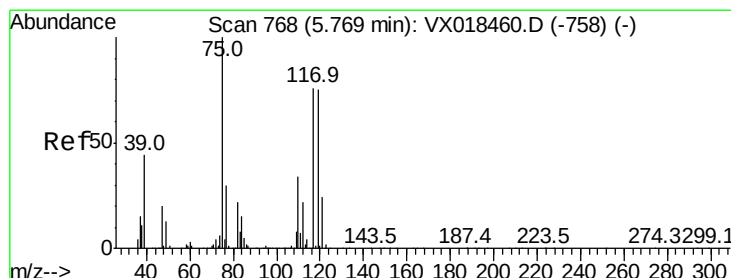
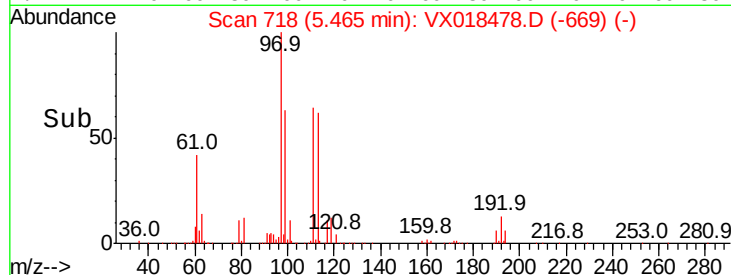
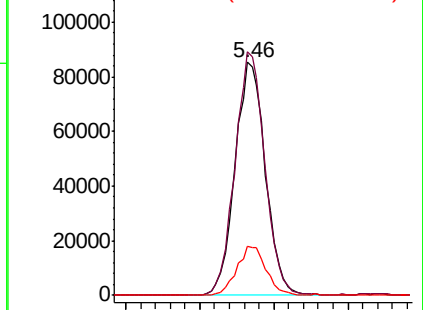
192 20.3 16.6 24.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.299 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

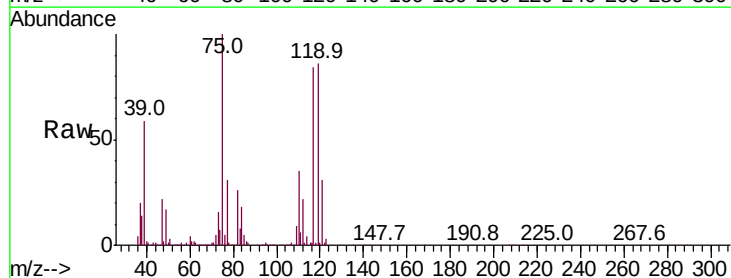
Tgt Ion: 75 Resp: 320661

Ion Ratio Lower Upper

75 100

110 35.7 17.6 52.8

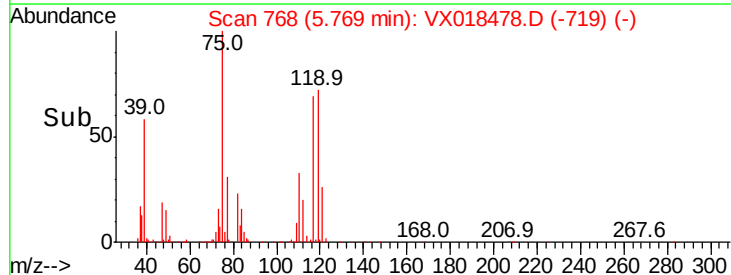
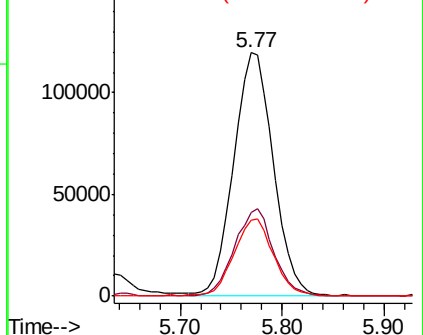
77 31.5 25.0 37.6

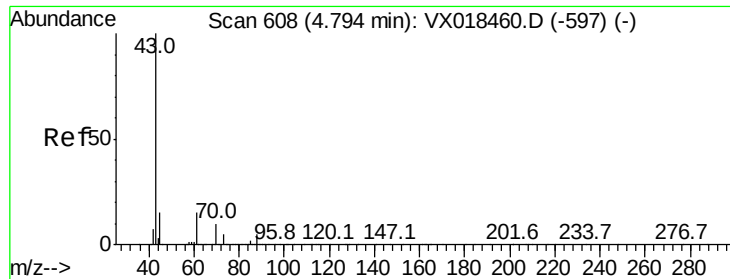


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

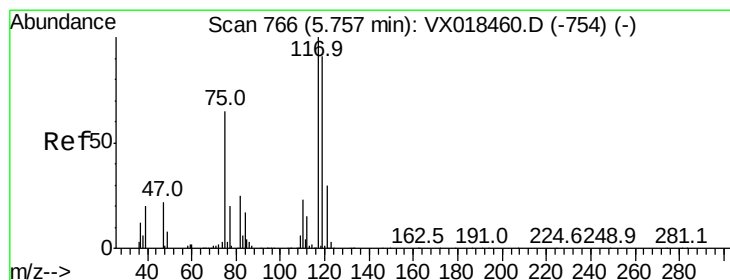
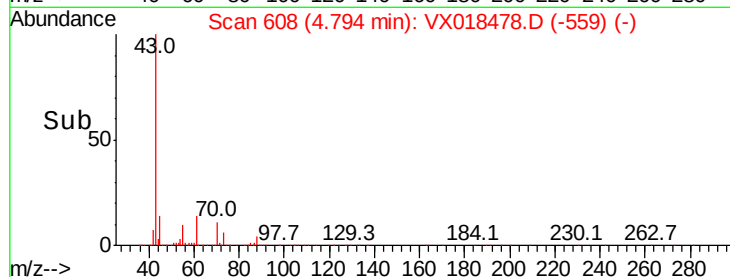
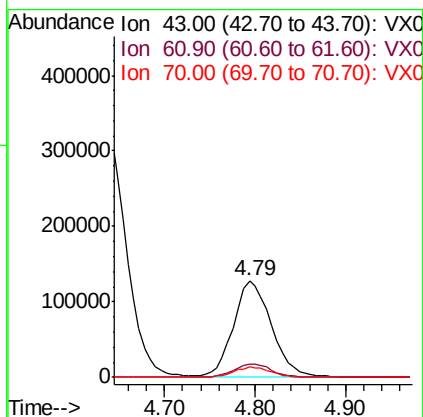
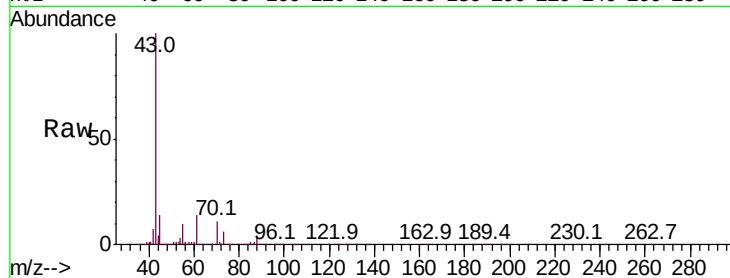




#37
Ethyl Acetate
Concen: 49.483 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018478.D
Acq: 17 Sep 2020 19:48

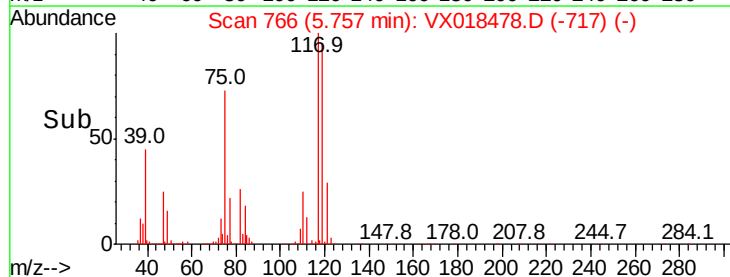
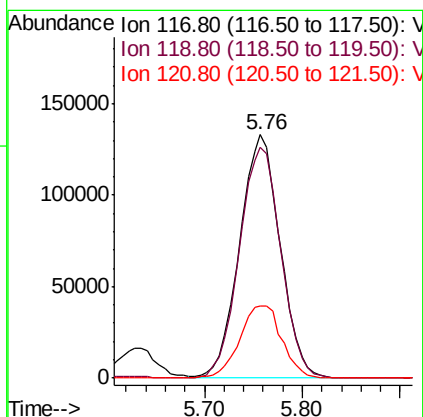
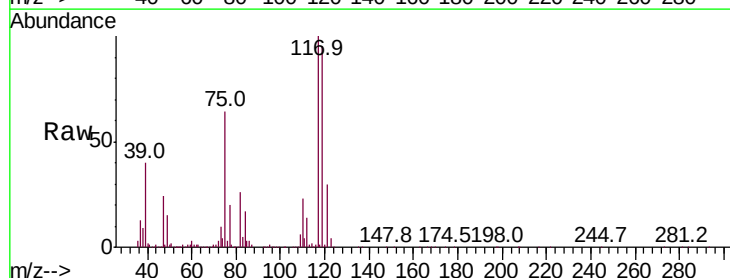
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

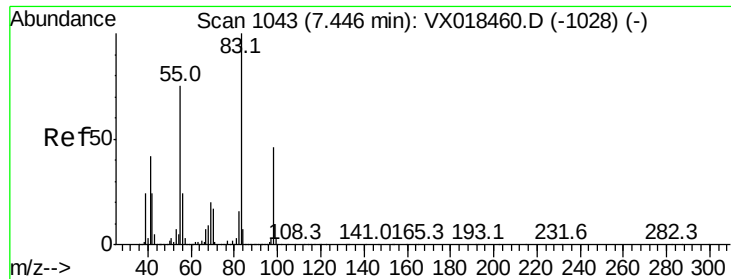
Tot Ion: 43 Resp: 365963
Ion Ratio Lower Upper
43 100
61 13.9 10.9 16.3
70 10.8 8.3 12.5



#38
Carbon Tetrachloride
Concen: 49.823 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX018478.D
Acq: 17 Sep 2020 19:48

Tgt Ion: 117 Resp: 382164
Ion Ratio Lower Upper
117 100
119 94.8 72.3 108.5
121 29.5 23.8 35.8





#39

Methylvlcyclohexane

Concen: 44.291 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

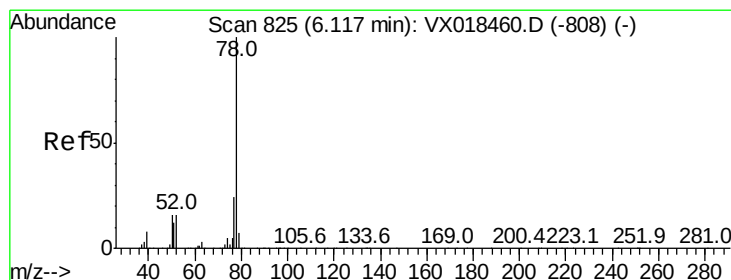
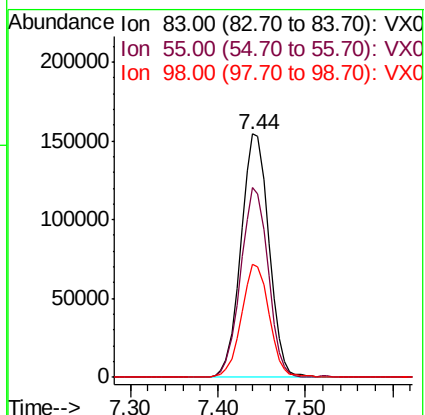
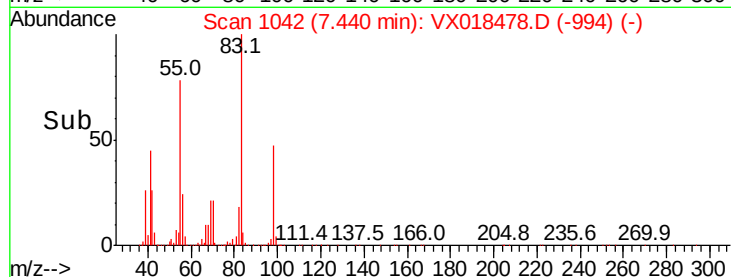
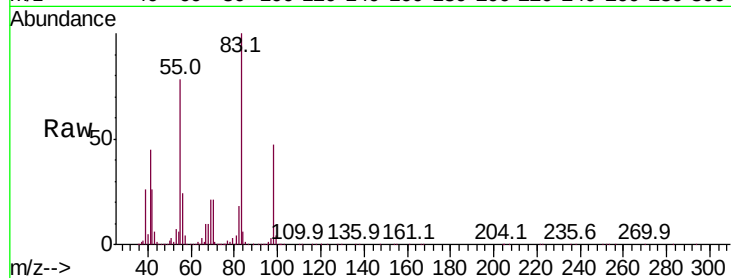
Tot Ion: 83 Resp: 344624

Ion Ratio Lower Upper

83 100

55 78.2 60.2 90.4

98 46.6 36.4 54.6



#40

Benzene

Concen: 47.929 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.00 min

Lab File: VX018478.D

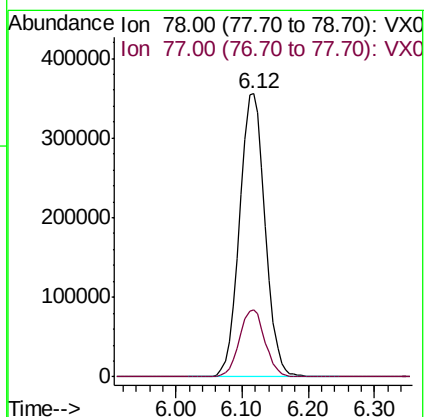
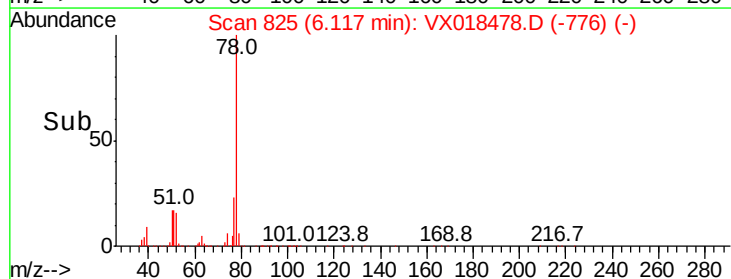
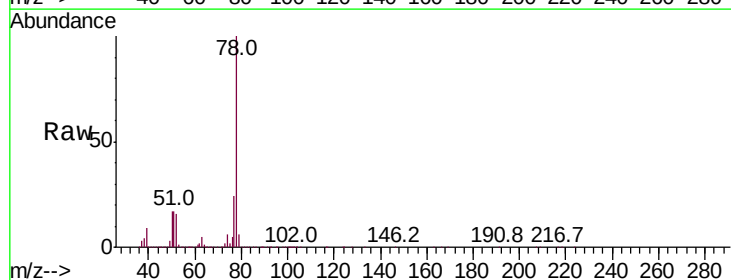
Acq: 17 Sep 2020 19:48

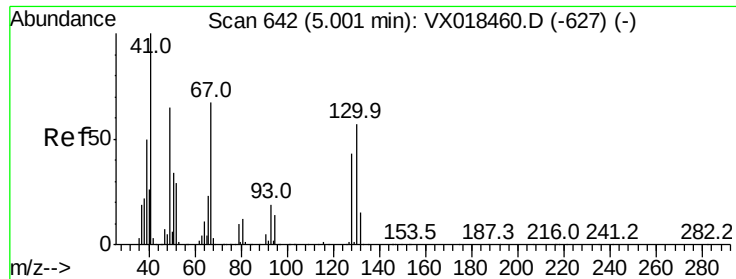
Tgt Ion: 78 Resp: 951309

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.4





#41

Methacrylonitrile

Concen: 49.663 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 204093

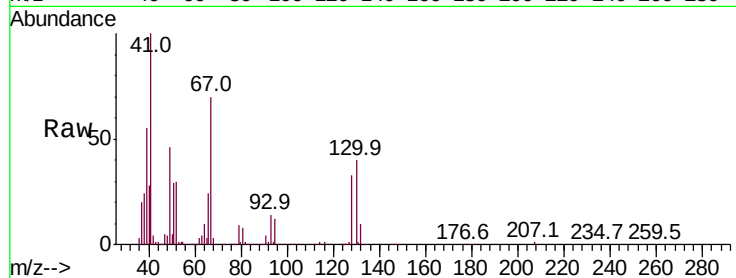
Ion Ratio Lower Upper

41 100

39 55.1 45.3 67.9

67 70.3 56.7 85.1

52 29.5 23.4 35.0

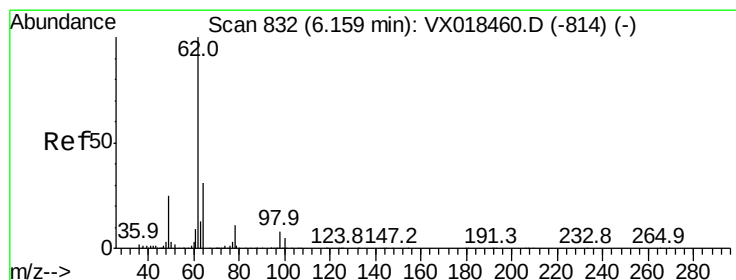
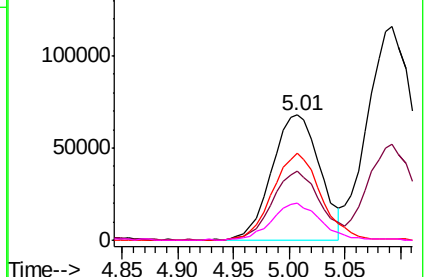
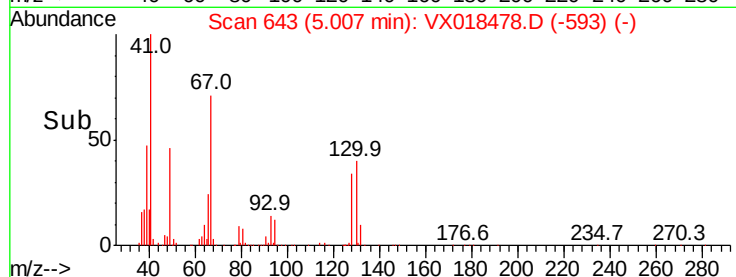


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 51.001 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX018478.D

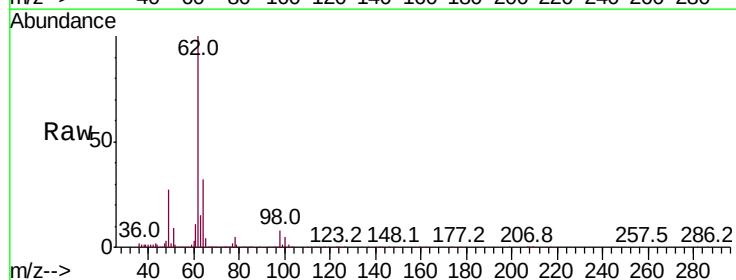
Acq: 17 Sep 2020 19:48

Tgt Ion: 62 Resp: 393815

Ion Ratio Lower Upper

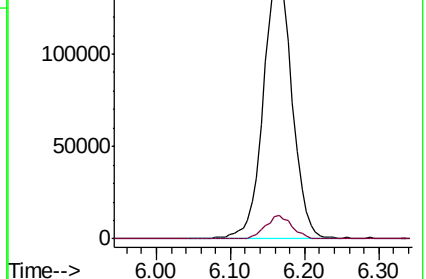
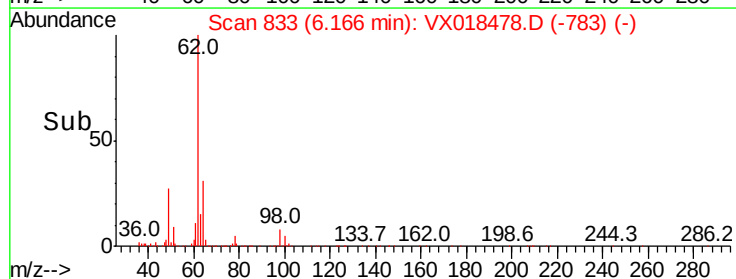
62 100

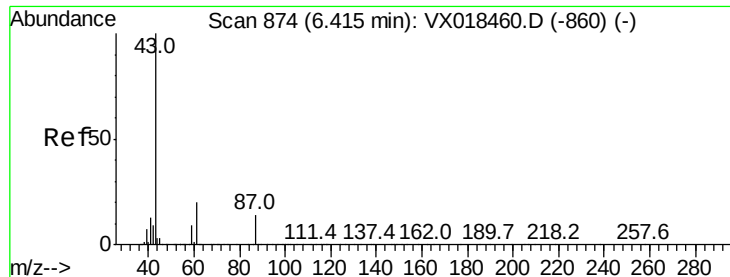
98 8.2 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 49.661 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

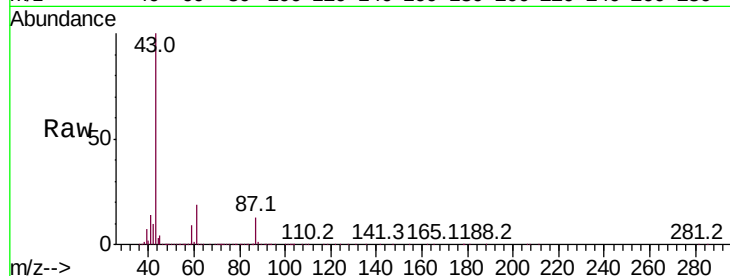
Tot Ion: 43 Resp: 609472

Ion Ratio Lower Upper

43 100

61 19.4 15.7 23.5

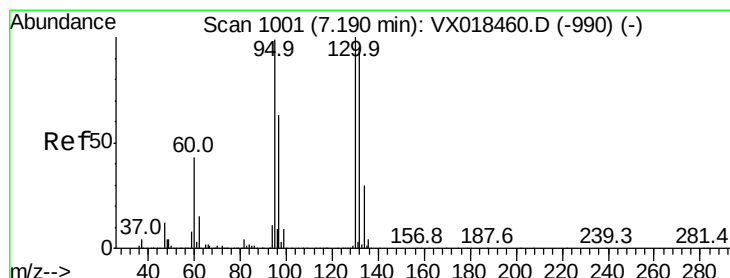
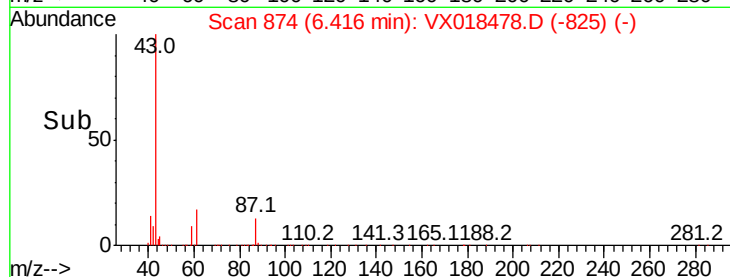
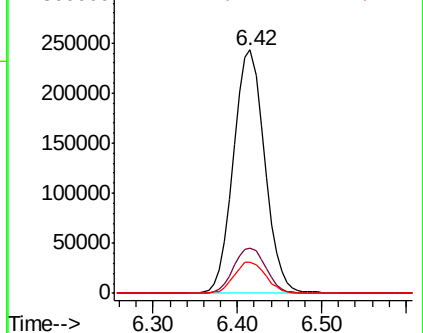
87 13.0 10.4 15.6



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: 46.543 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018478.D

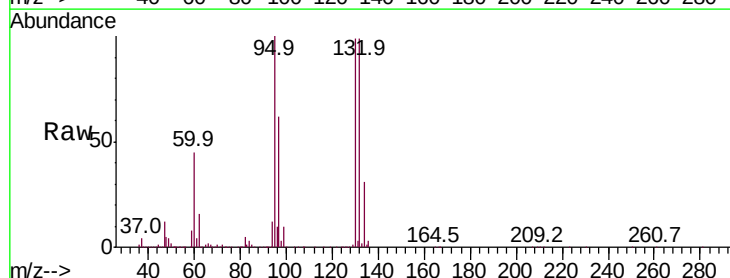
Acq: 17 Sep 2020 19:48

Tgt Ion: 130 Resp: 267431

Ion Ratio Lower Upper

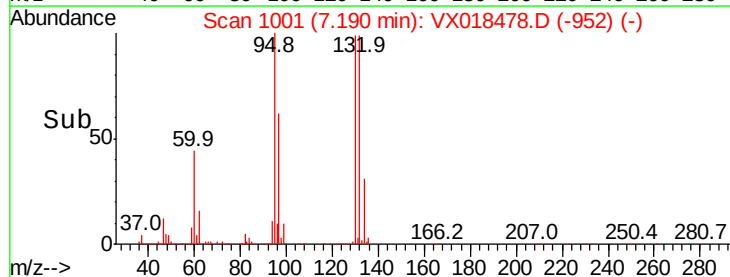
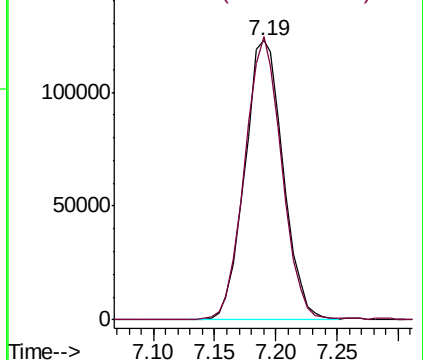
130 100

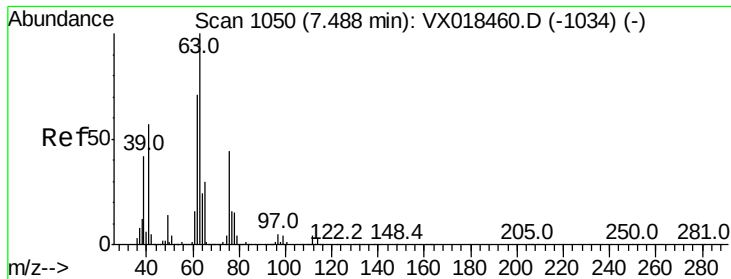
95 101.3 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 47.360 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Instrument :

MSVOA_X

ClientSampleId :

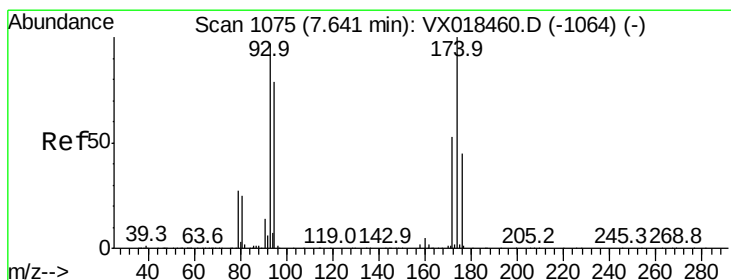
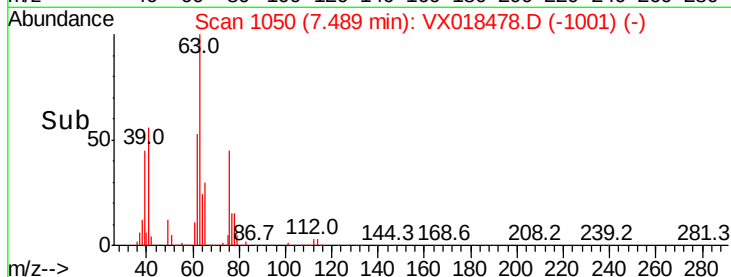
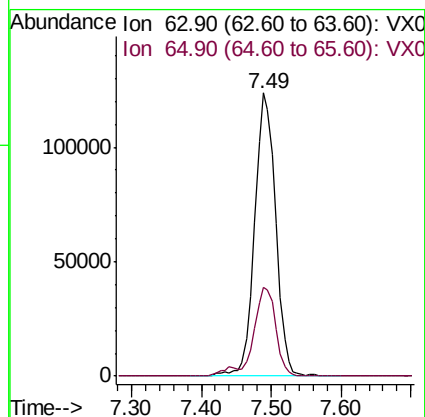
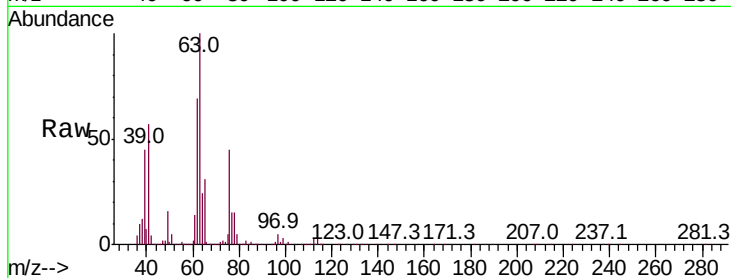
VSTDCCC050EC

Tot Ion: 63 Resp: 258012

Ion Ratio Lower Upper

63 100

65 31.3 24.1 36.1



#46

Dibromomethane

Concen: 49.036 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

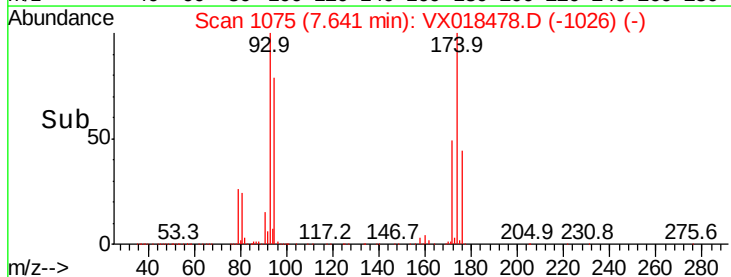
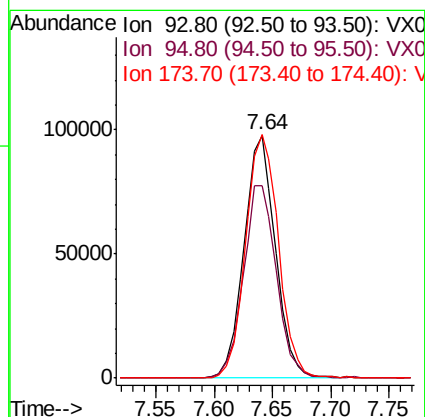
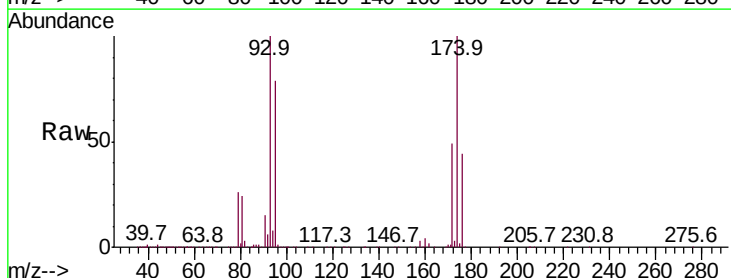
Tgt Ion: 93 Resp: 183534

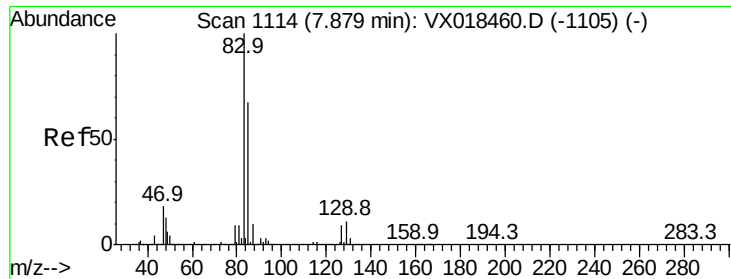
Ion Ratio Lower Upper

93 100

95 83.7 65.0 97.4

174 105.2 82.0 123.0





#47

Bromodichloromethane

Concen: 50.886 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

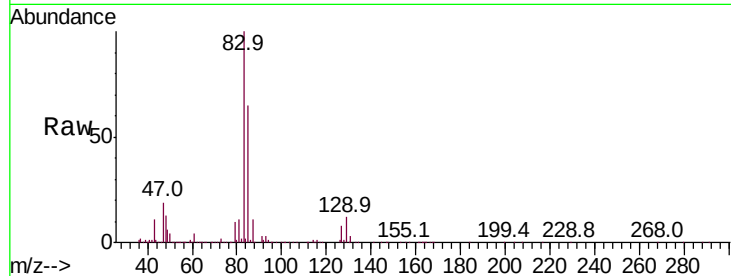
Tot Ion: 83 Resp: 383842

Ion Ratio Lower Upper

83 100

85 65.1 53.3 79.9

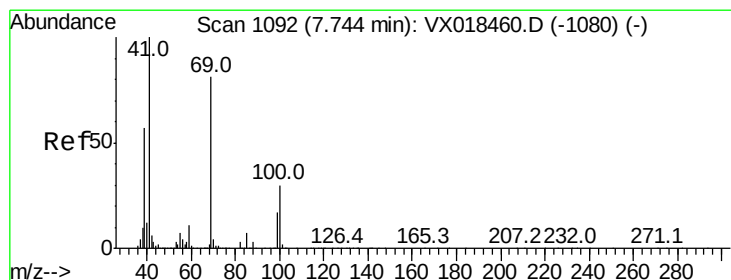
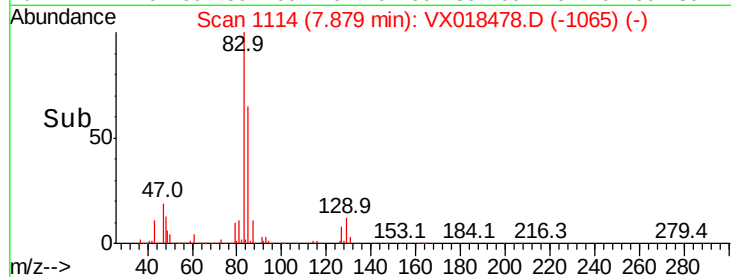
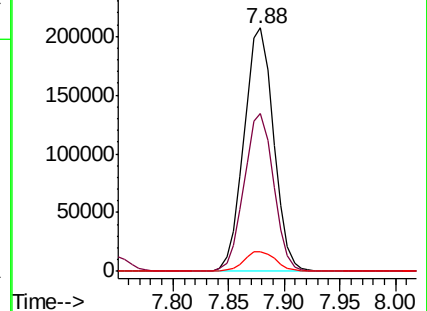
127 8.2 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.497 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

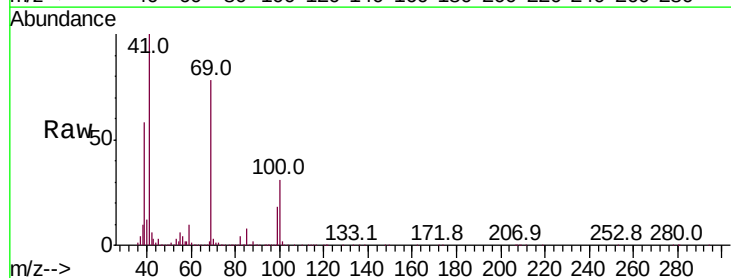
Tgt Ion: 41 Resp: 301652

Ion Ratio Lower Upper

41 100

69 81.5 63.7 95.5

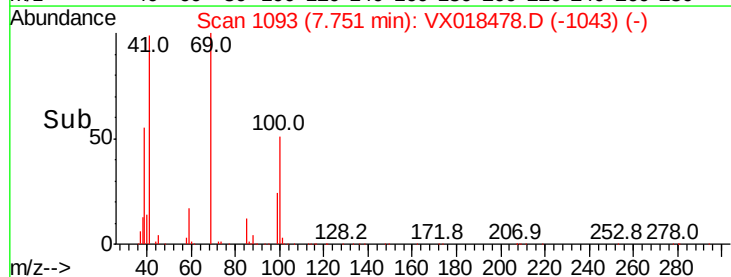
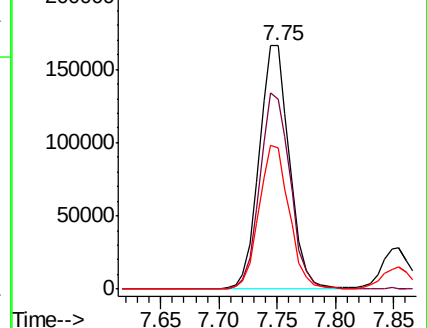
39 58.5 45.0 67.4

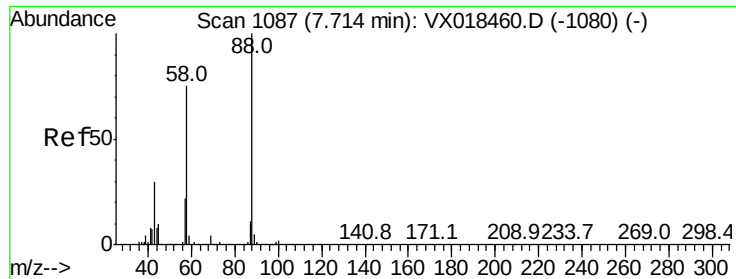


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 958.984 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

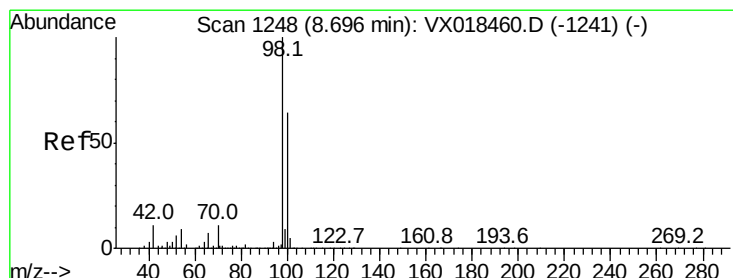
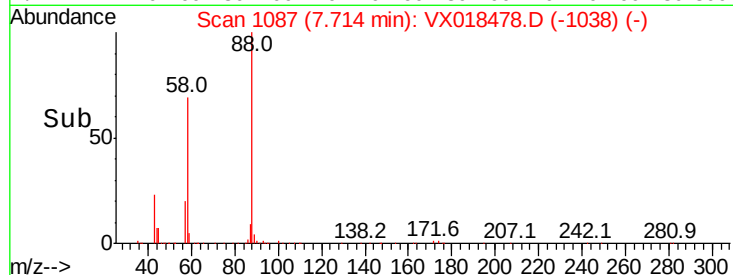
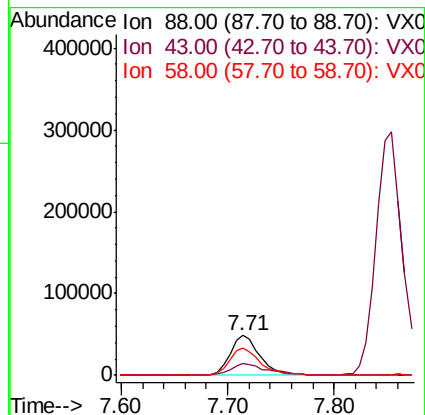
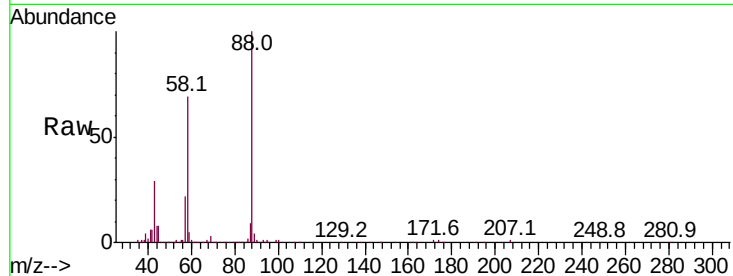
Tot Ion: 88 Resp: 94656

Ion Ratio Lower Upper

88 100

43 35.6 29.9 44.9

58 71.2 59.0 88.6



#50

Toluene-d8

Concen: 47.480 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018478.D

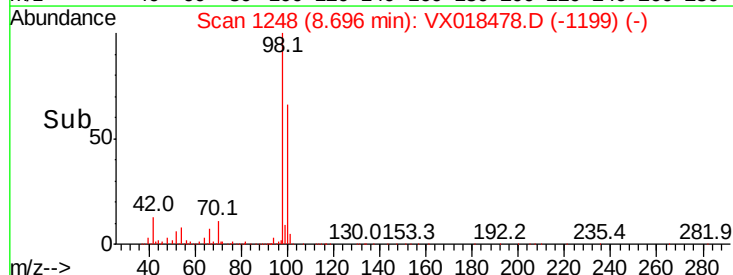
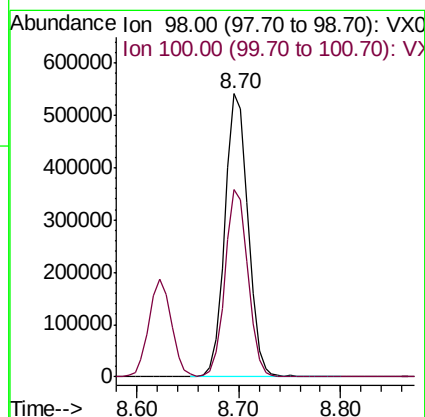
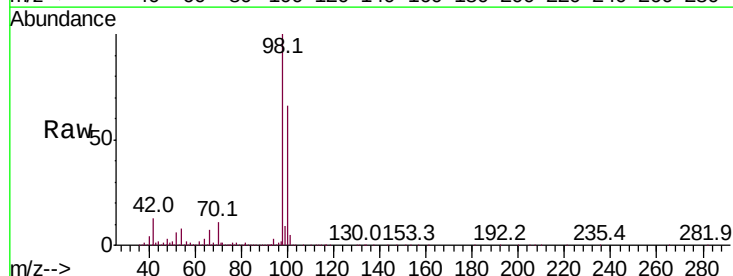
Acq: 17 Sep 2020 19:48

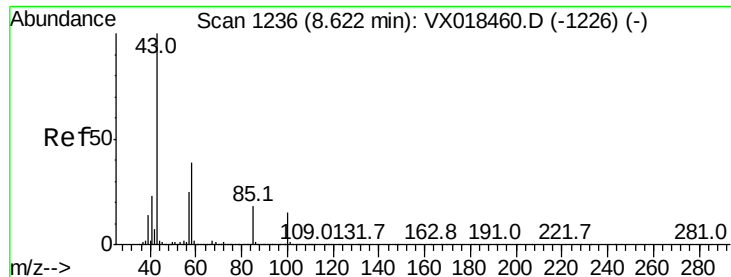
Tgt Ion: 98 Resp: 850991

Ion Ratio Lower Upper

98 100

100 65.6 51.7 77.5

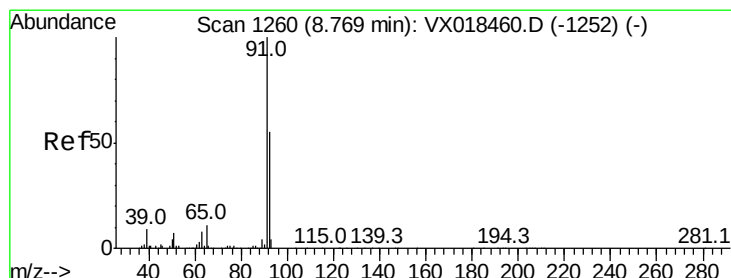
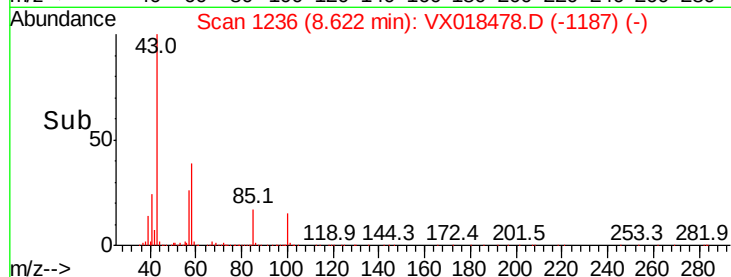
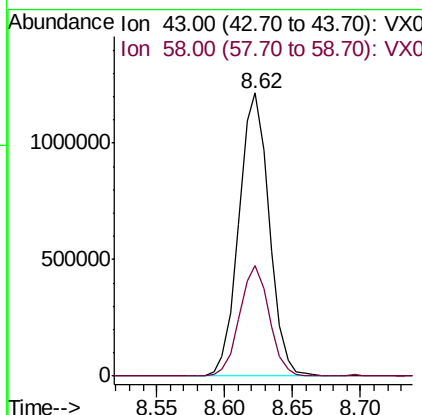
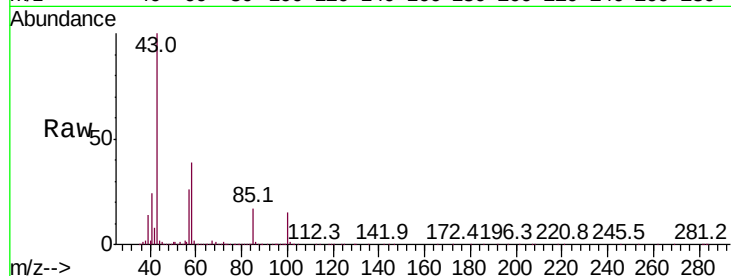




#51
 4-Methyl-2-Pentanone
 Concen: 258.797 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX018478.D
 Acq: 17 Sep 2020 19:48

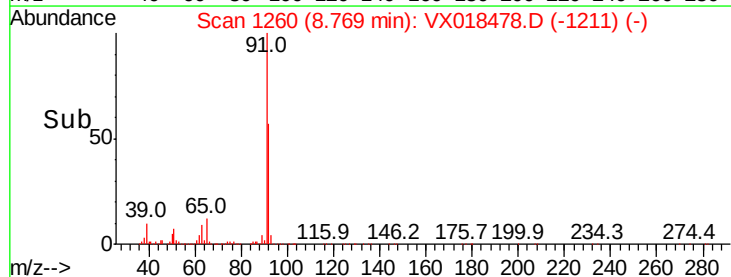
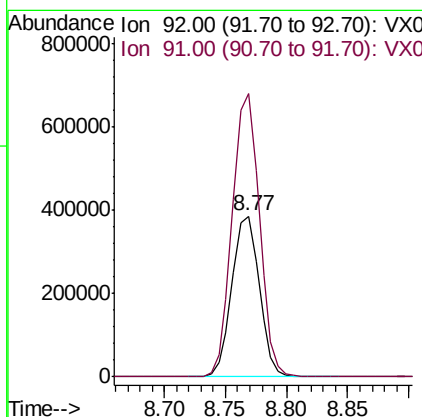
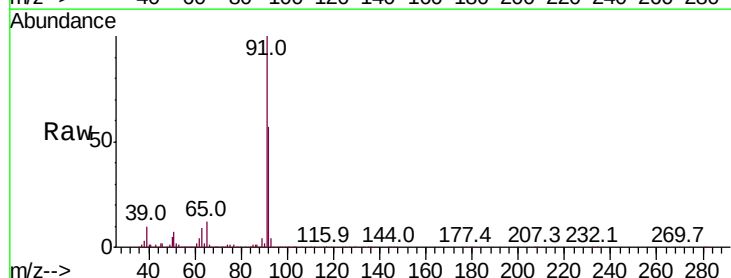
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

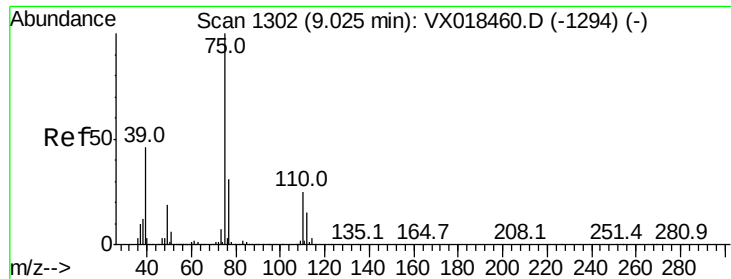
Tot Ion: 43 Resp: 1891138
 Ion Ratio Lower Upper
 43 100
 58 38.2 30.9 46.3



#52
 Toluene
 Concen: 48.054 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VX018478.D
 Acq: 17 Sep 2020 19:48

Tgt Ion: 92 Resp: 600198
 Ion Ratio Lower Upper
 92 100
 91 174.6 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 48.570 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Instrument :

MSVOA_X

ClientSampleId :

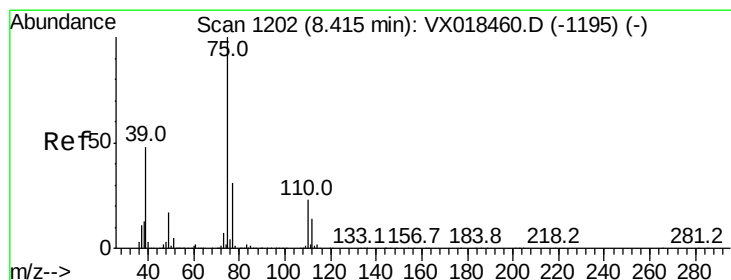
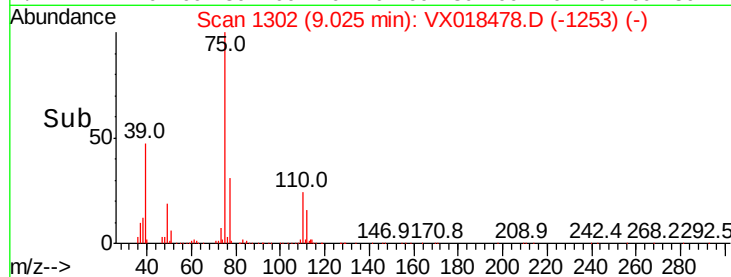
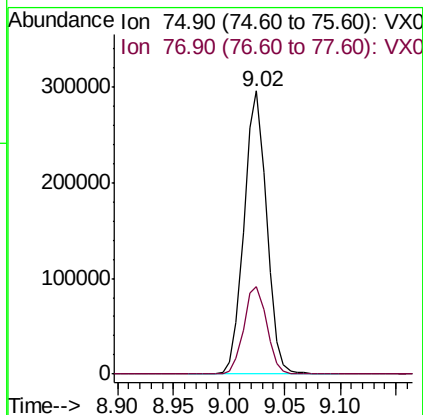
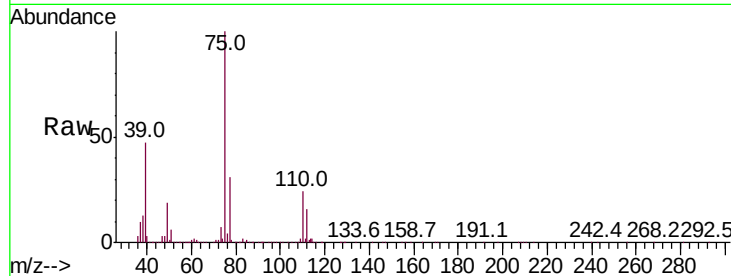
VSTDCCC050EC

Tot Ion: 75 Resp: 416295

Ion Ratio Lower Upper

75 100

77 31.1 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 48.749 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

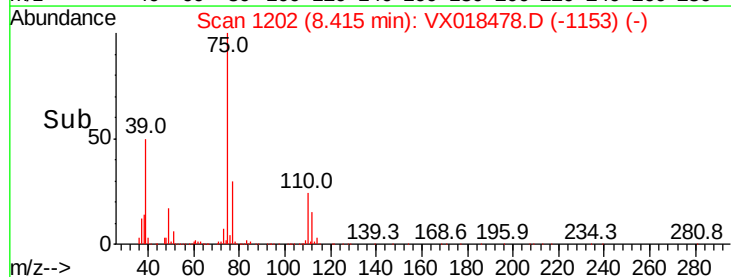
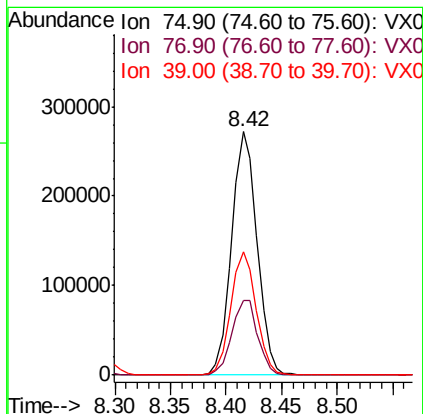
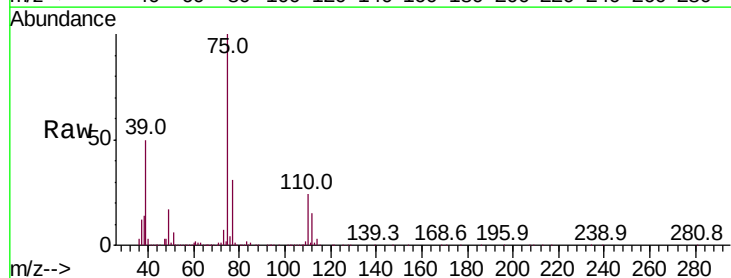
Tgt Ion: 75 Resp: 430453

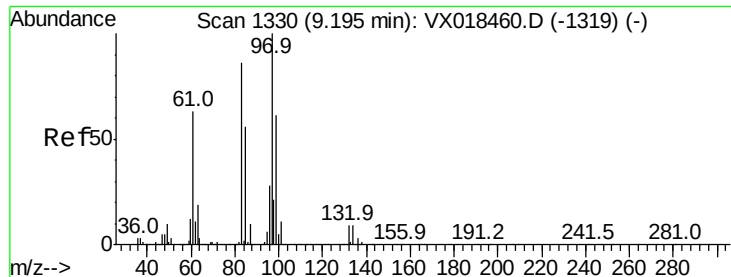
Ion Ratio Lower Upper

75 100

77 30.5 24.8 37.2

39 50.2 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 49.039 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 254155

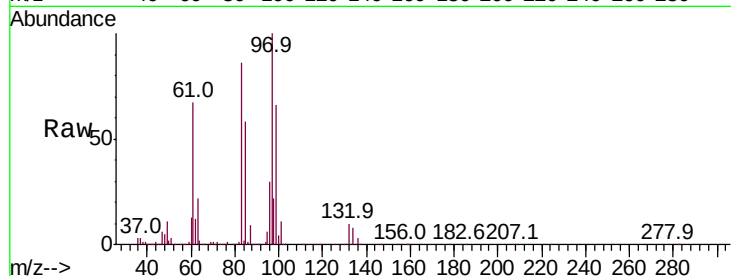
Ion Ratio Lower Upper

97 100

83 86.3 68.5 102.7

85 57.8 44.8 67.2

99 65.6 48.9 73.3

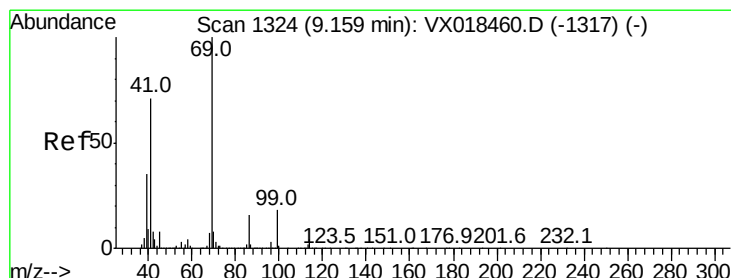
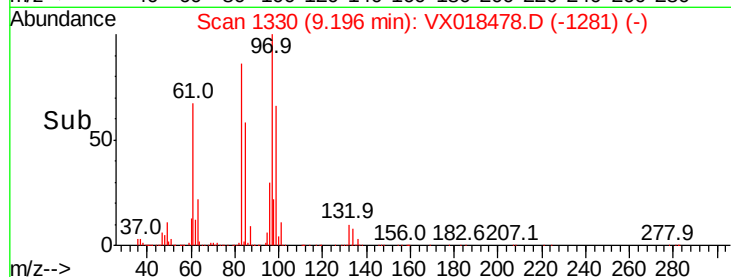
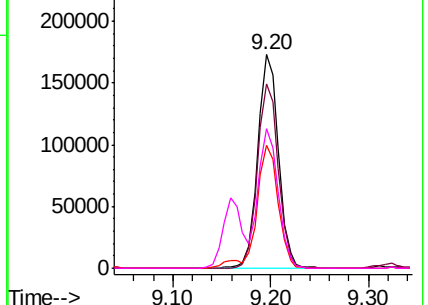


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 51.307 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

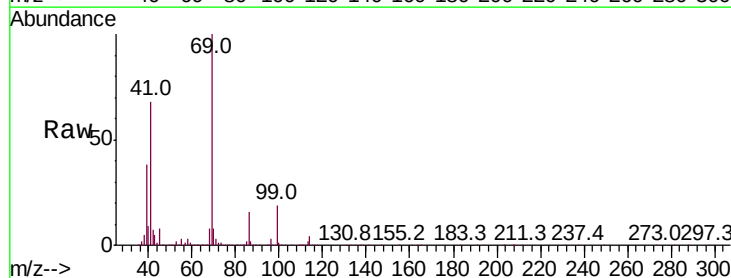
Tgt Ion: 69 Resp: 394281

Ion Ratio Lower Upper

69 100

41 68.5 54.6 81.8

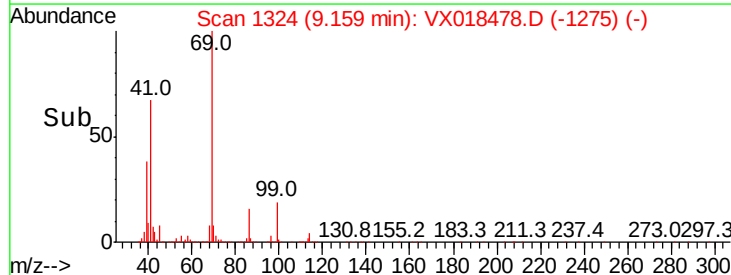
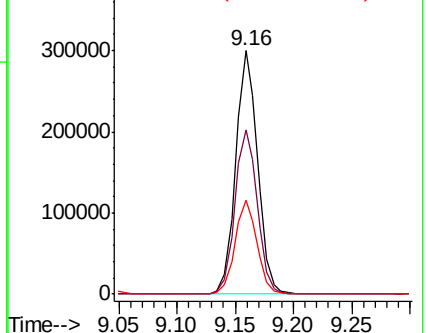
39 38.5 29.3 43.9

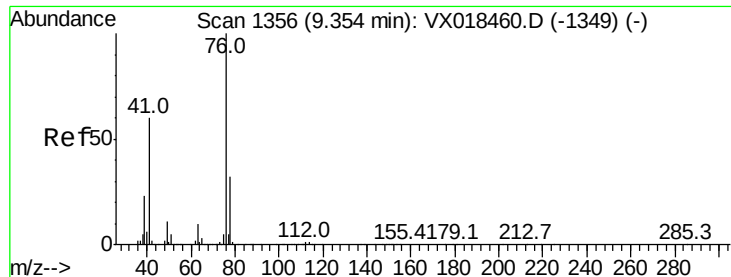


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 48.600 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Instrument :

MSVOA_X

ClientSampleId :

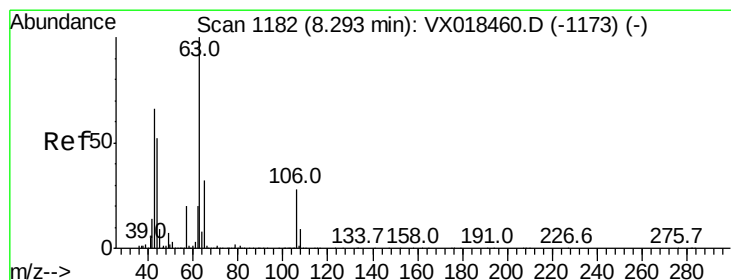
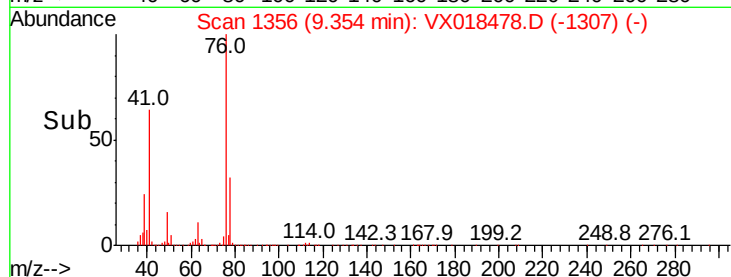
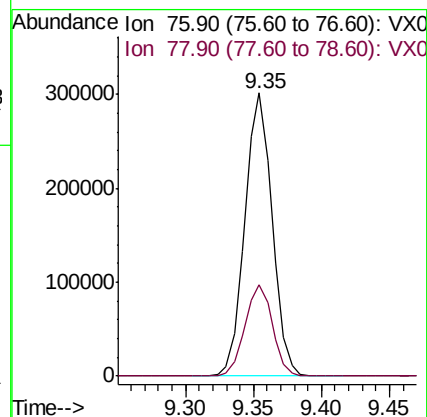
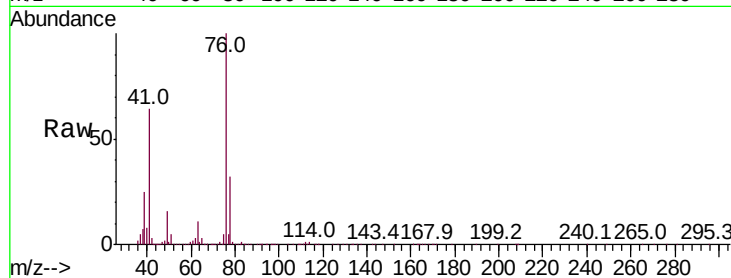
VSTDCCC050EC

Tot Ion: 76 Resp: 423187

Ion Ratio Lower Upper

76 100

78 32.7 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 245.861 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018478.D

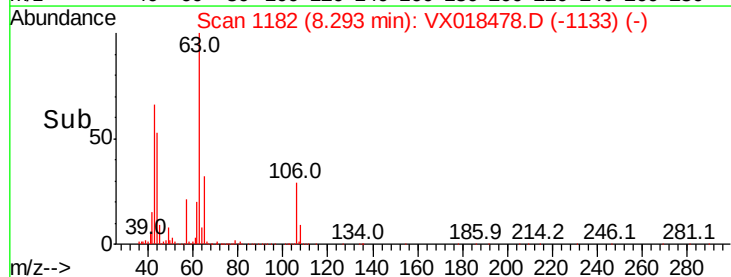
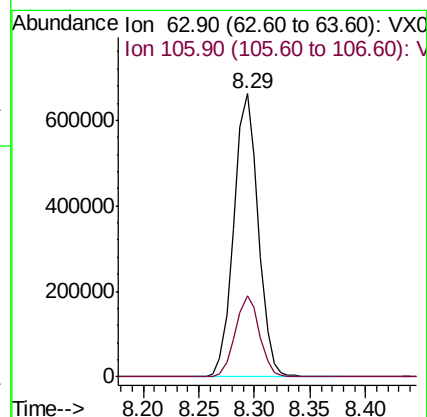
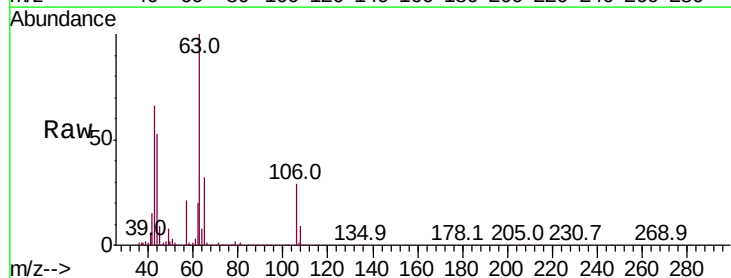
Acq: 17 Sep 2020 19:48

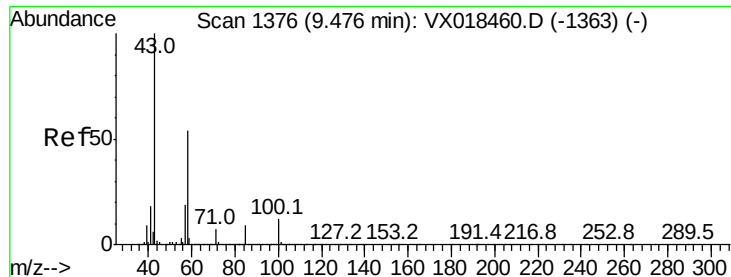
Tgt Ion: 63 Resp: 1004524

Ion Ratio Lower Upper

63 100

106 28.4 22.2 33.2

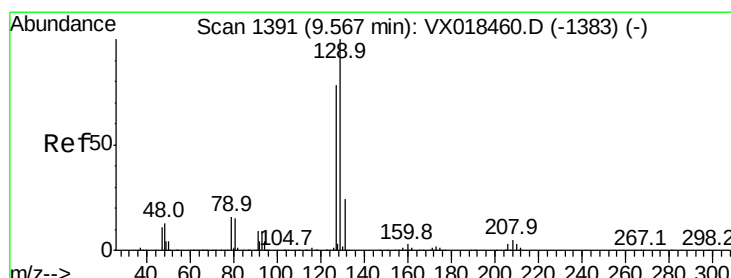
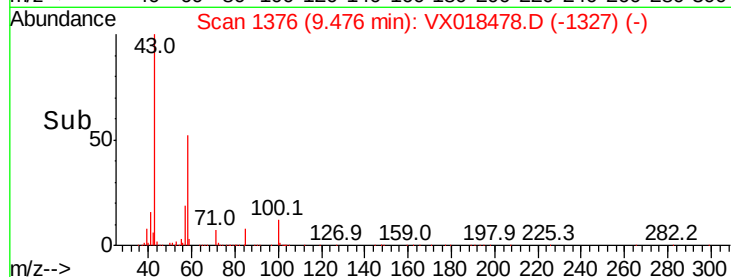
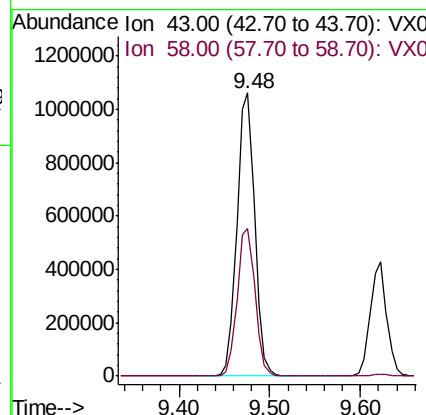
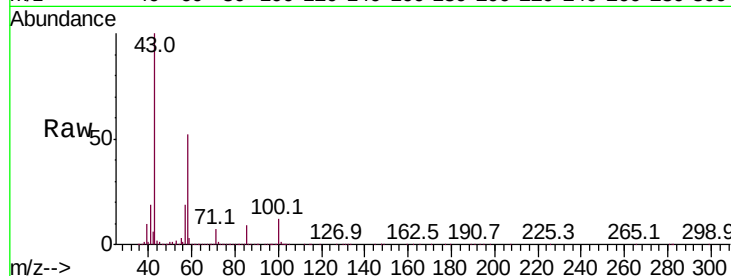




#59
2-Hexanone
Concen: 259.227 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018478.D
Acq: 17 Sep 2020 19:48

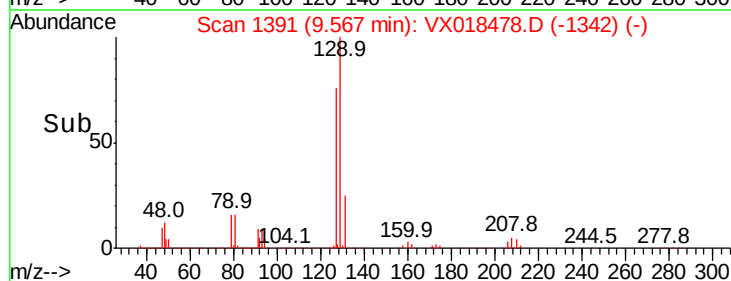
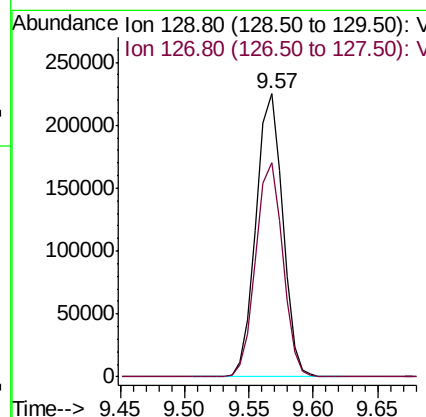
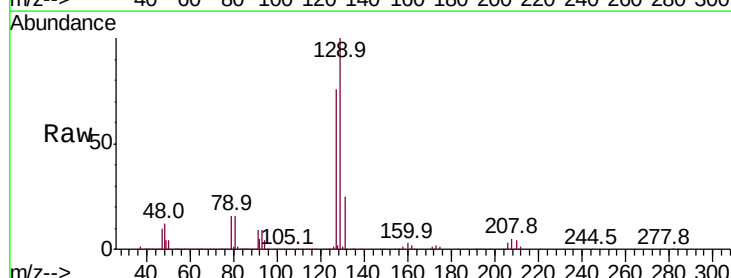
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

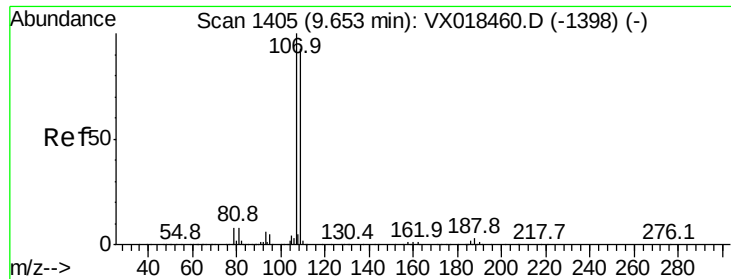
Tot Ion: 43 Resp: 1440804
Ion Ratio Lower Upper
43 100
58 52.5 26.5 79.4



#60
Dibromochloromethane
Concen: 52.033 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018478.D
Acq: 17 Sep 2020 19:48

Tgt Ion: 129 Resp: 321559
Ion Ratio Lower Upper
129 100
127 76.8 39.0 117.0





#61

1,2-Dibromoethane

Concen: 50.775 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Instrument :

MSVOA_X

ClientSampleId :

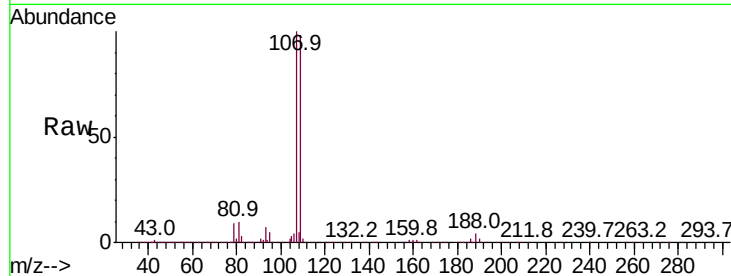
VSTDCCC050EC

Tot Ion:107 Resp: 279993

Ion Ratio Lower Upper

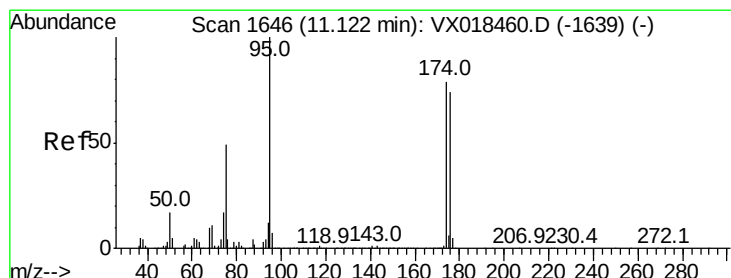
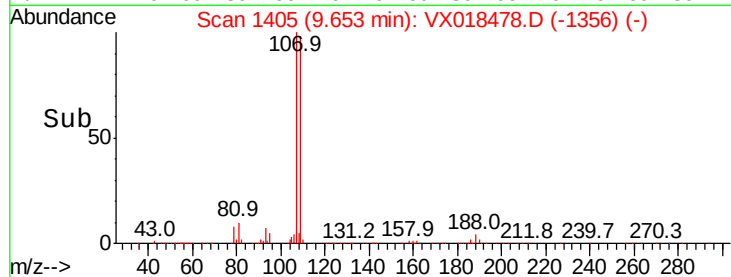
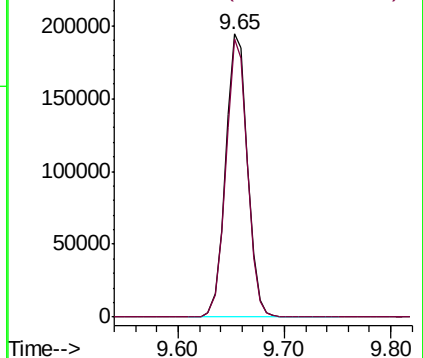
107 100

109 96.6 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: 48.773 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

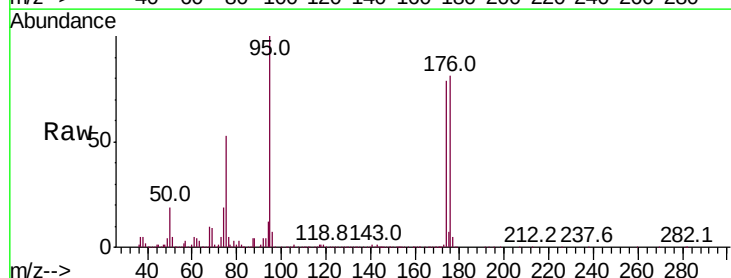
Tgt Ion: 95 Resp: 347719

Ion Ratio Lower Upper

95 100

174 80.3 0.0 161.4

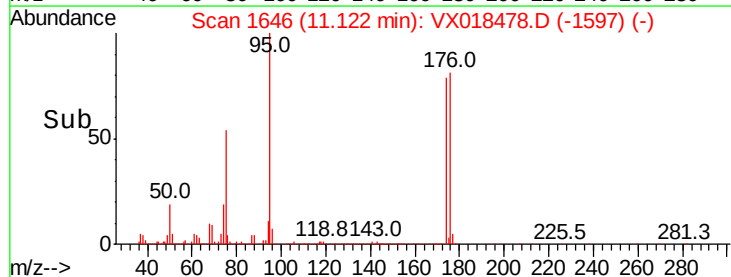
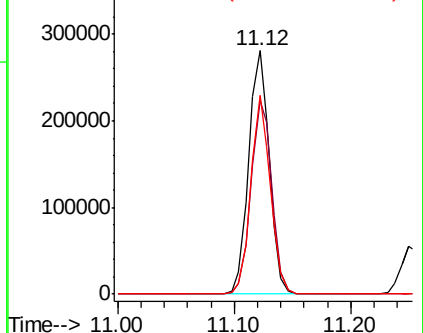
176 77.2 0.0 151.4

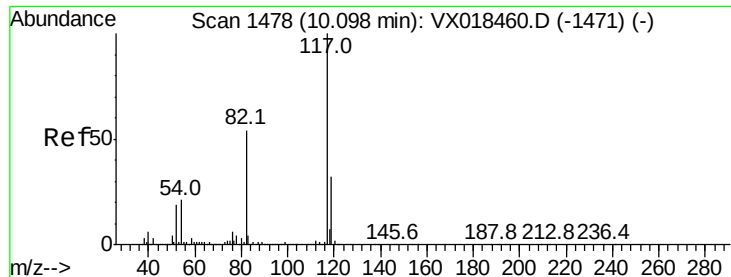


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

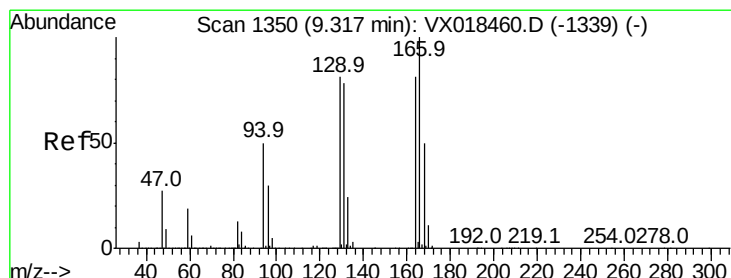
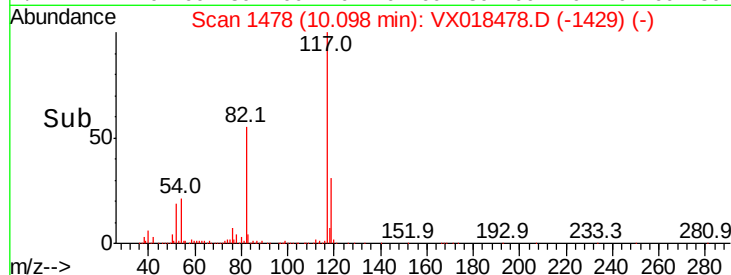
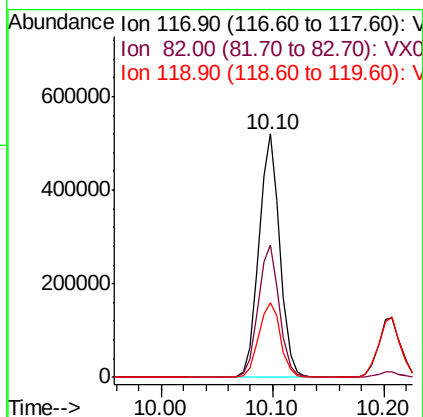
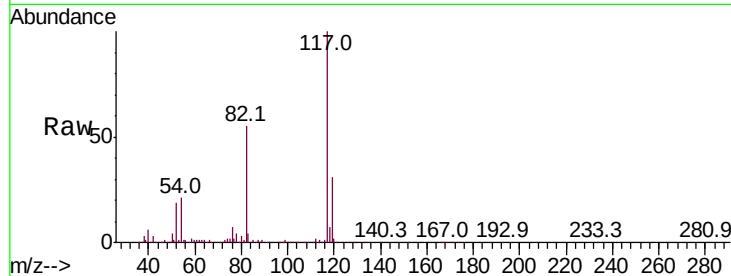




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018478.D
Acq: 17 Sep 2020 19:48

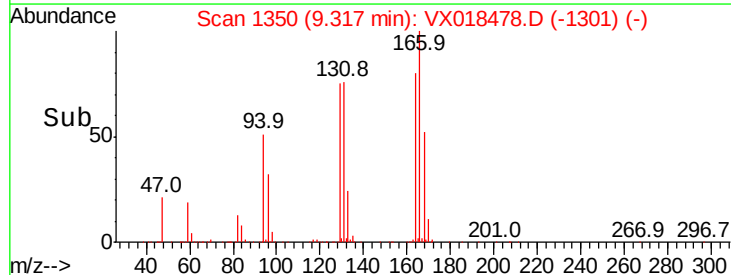
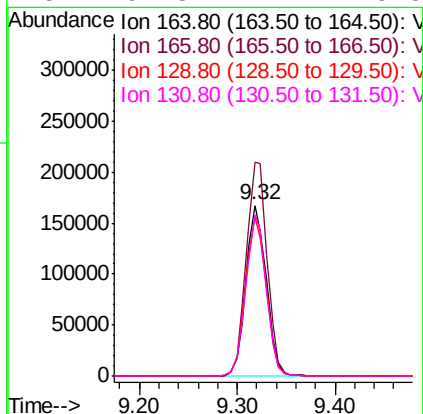
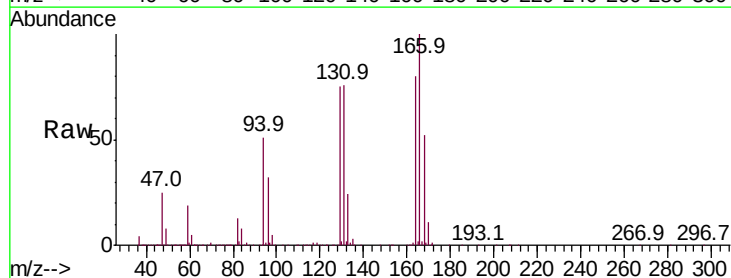
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

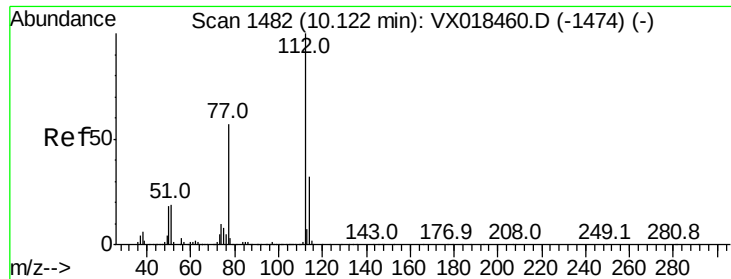
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.3	64.9
119	30.6	25.9	38.9



#64
Tetrachloroethene
Concen: 45.145 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018478.D
Acq: 17 Sep 2020 19:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.2	99.3	148.9
129	93.4	80.7	121.1
131	94.8	77.2	115.8

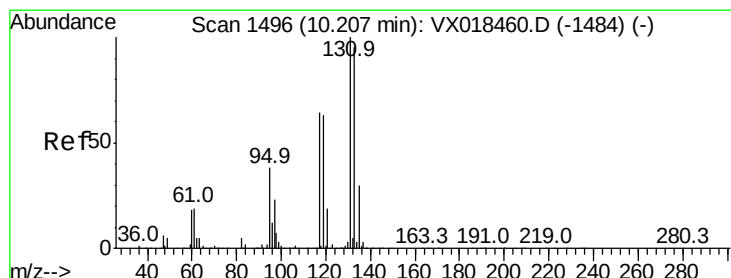
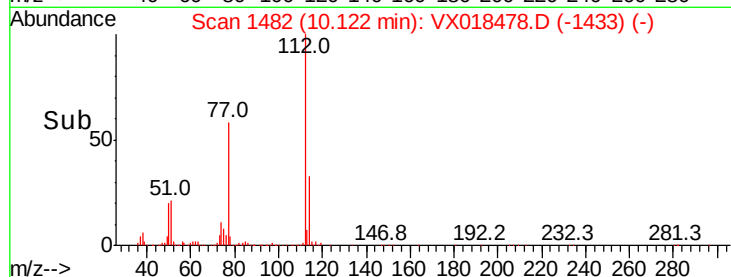
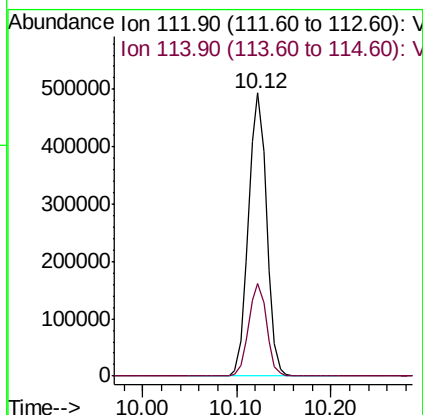
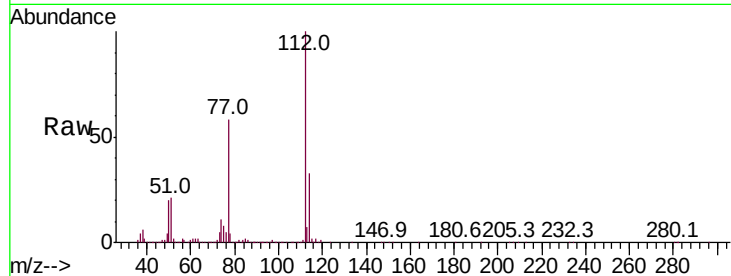




#65
Chlorobenzene
Concen: 47.825 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018478.D
Acq: 17 Sep 2020 19:48

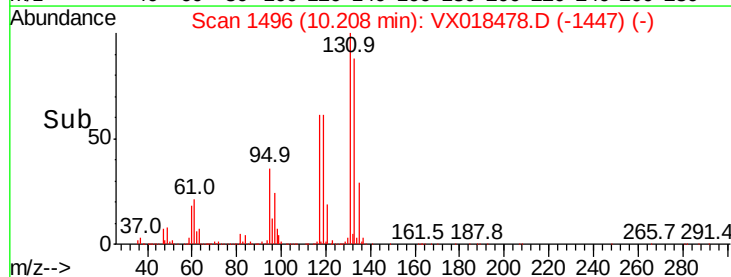
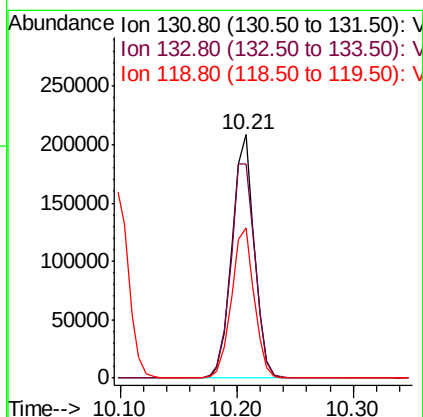
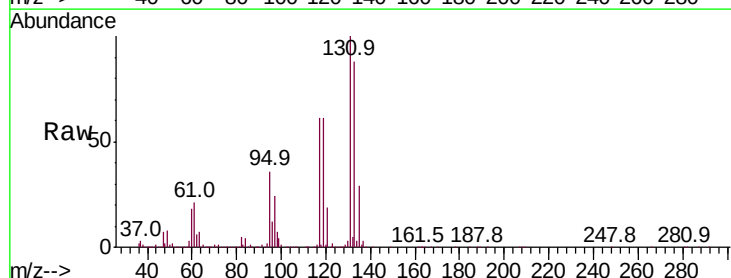
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

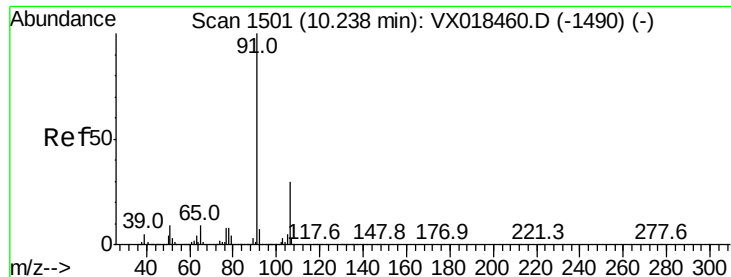
Tot Ion:112 Resp: 670723
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.400 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX018478.D
Acq: 17 Sep 2020 19:48

Tgt Ion:131 Resp: 277925
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.4
119 63.2 31.9 95.7





#67

Ethyl Benzene

Concen: 47.647 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Instrument :

MSVOA_X

ClientSampleId :

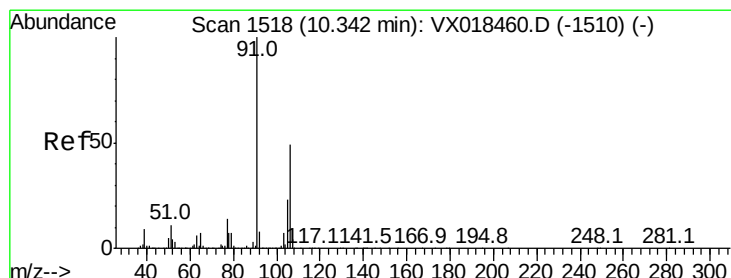
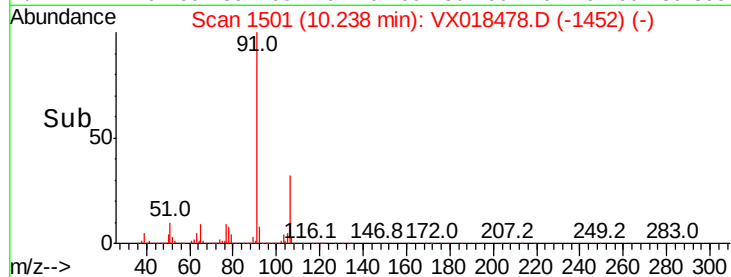
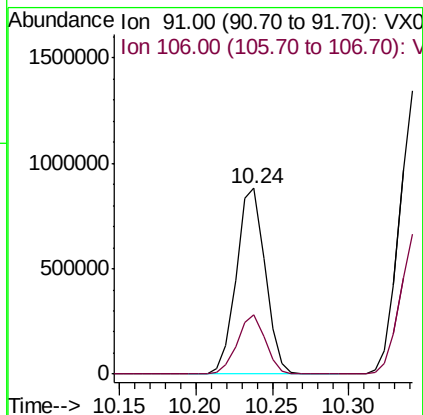
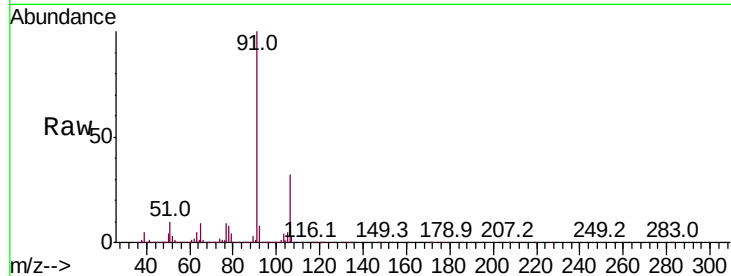
VSTDCCC050EC

Tot Ion: 91 Resp: 1156633

Ion Ratio Lower Upper

91 100

106 32.0 24.1 36.1



#68

m/p-Xylenes

Concen: 96.293 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018478.D

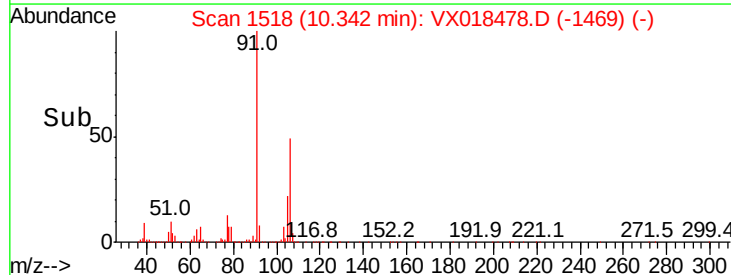
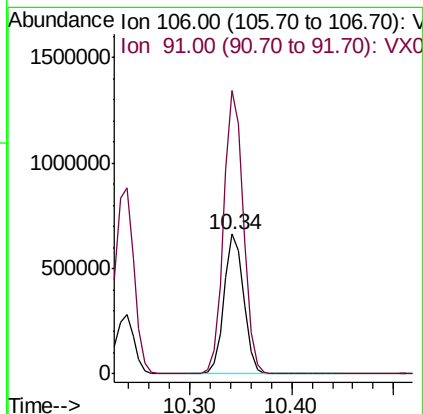
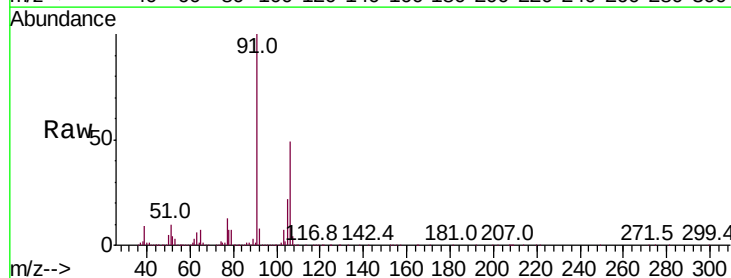
Acq: 17 Sep 2020 19:48

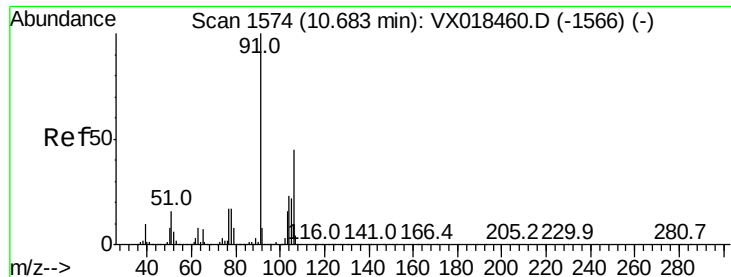
Tgt Ion: 106 Resp: 884239

Ion Ratio Lower Upper

106 100

91 204.1 163.8 245.6

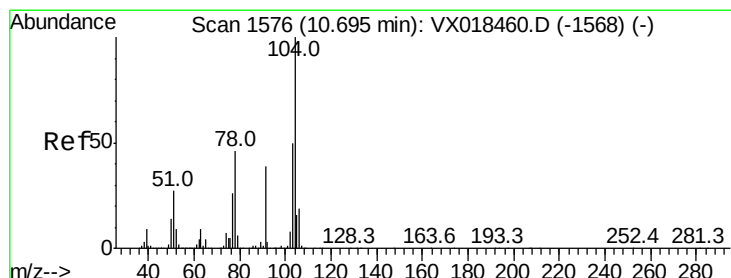
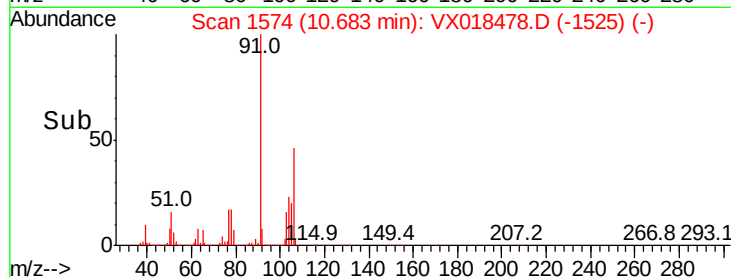
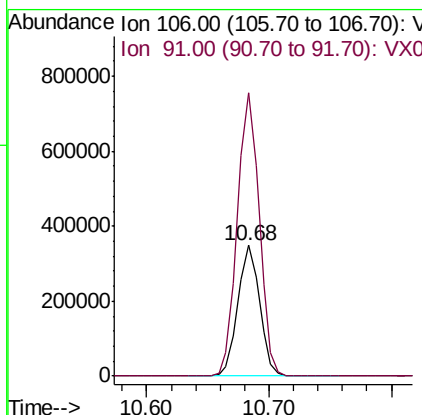
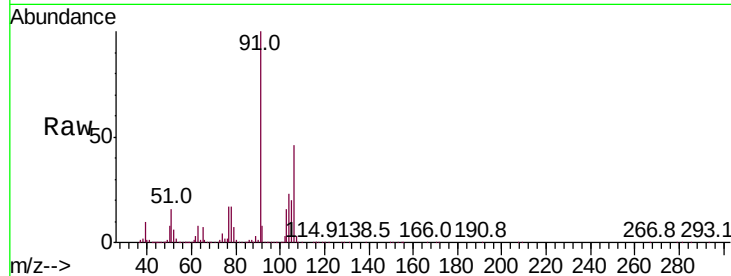




#69
o-Xylene
Concen: 49.059 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018478.D
Acq: 17 Sep 2020 19:48

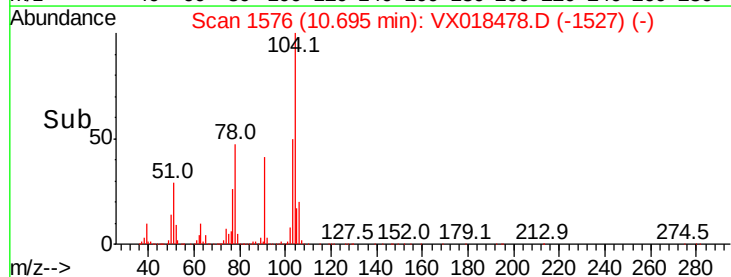
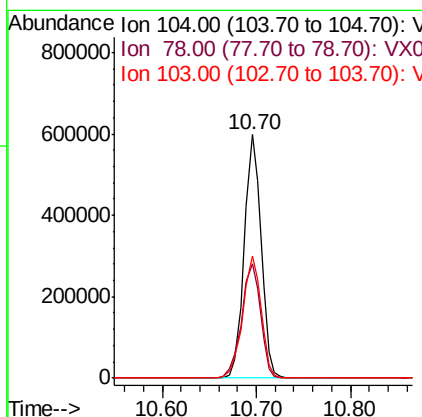
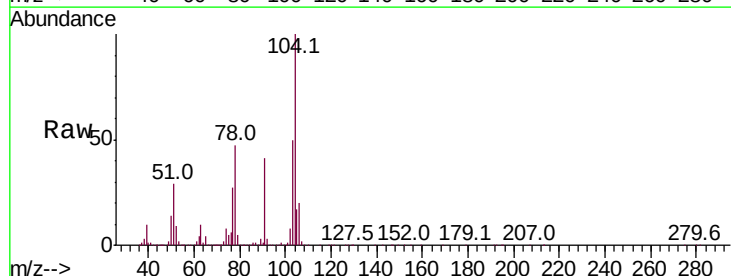
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

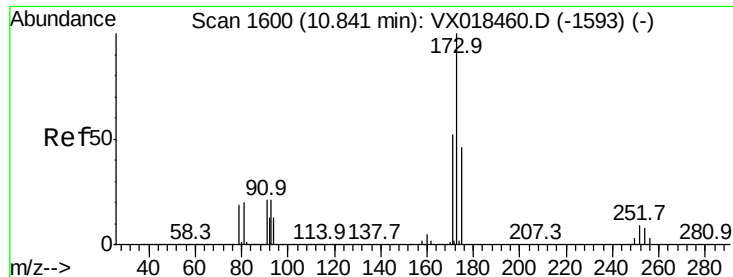
Tot Ion:106 Resp: 426600
Ion Ratio Lower Upper
106 100
91 218.5 109.7 329.0



#70
Styrene
Concen: 49.929 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018478.D
Acq: 17 Sep 2020 19:48

Tgt Ion:104 Resp: 749653
Ion Ratio Lower Upper
104 100
78 52.8 40.5 60.7
103 54.6 43.2 64.8





#71

Bromoform

Concen: 52.605 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

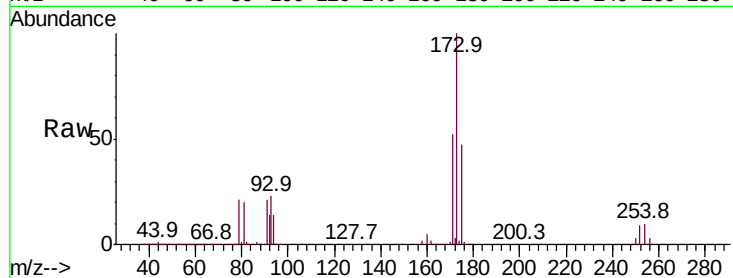
Tot Ion:173 Resp: 248491

Ion Ratio Lower Upper

173 100

175 47.7 23.6 70.8

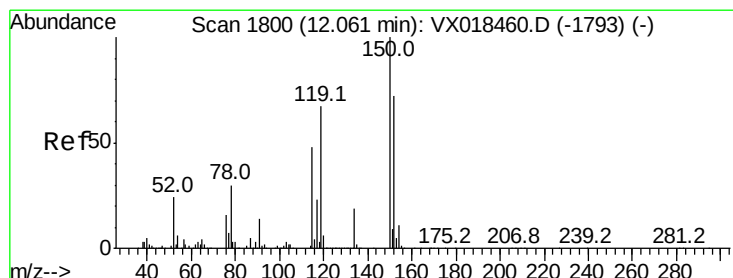
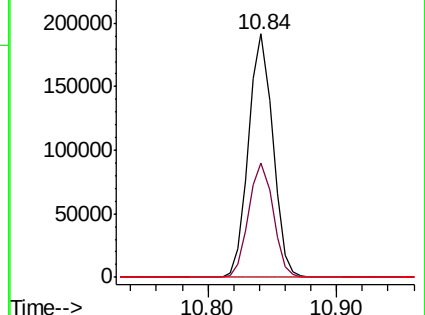
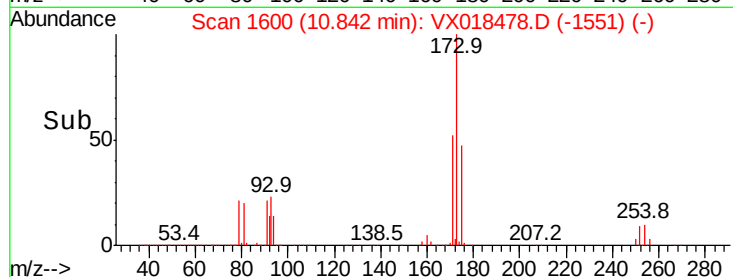
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

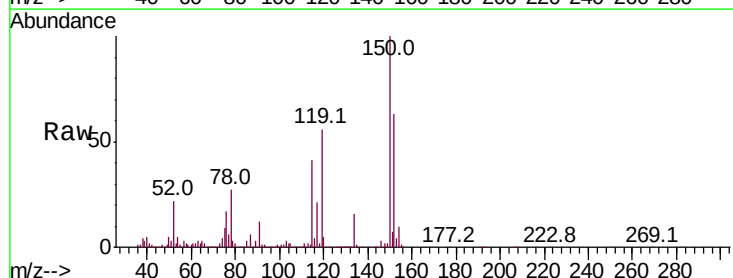
Tgt Ion:152 Resp: 370711

Ion Ratio Lower Upper

152 100

115 80.5 41.8 125.4

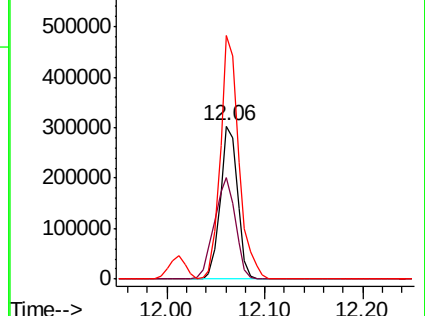
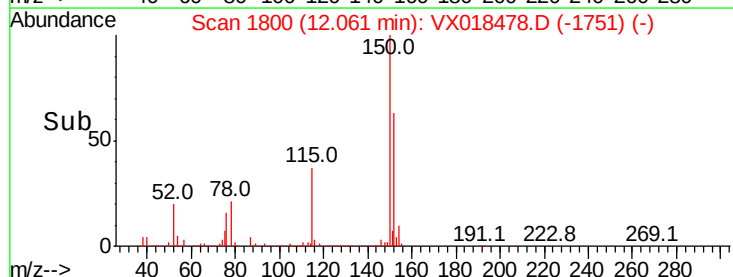
150 170.3 0.0 342.4

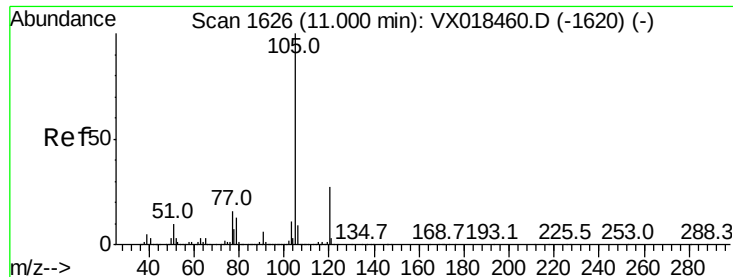


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.326 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Instrument :

MSVOA_X

ClientSampleId :

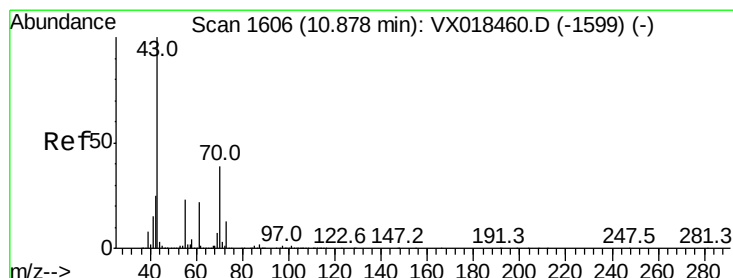
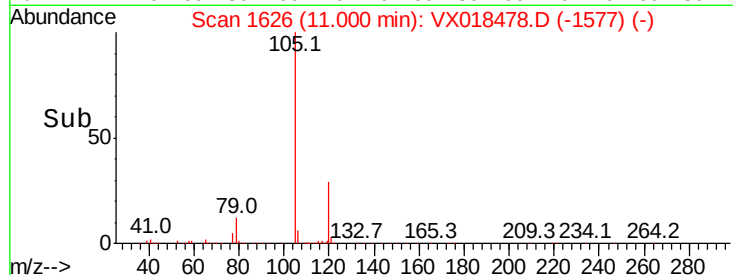
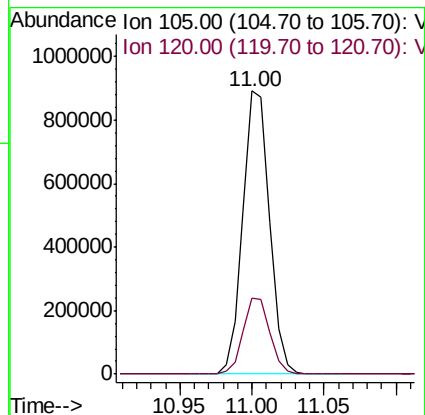
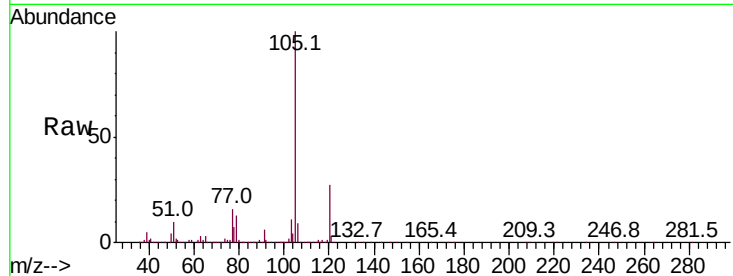
VSTDCCC050EC

Tot Ion:105 Resp: 1147265

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 49.521 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Tgt Ion: 43 Resp: 552119

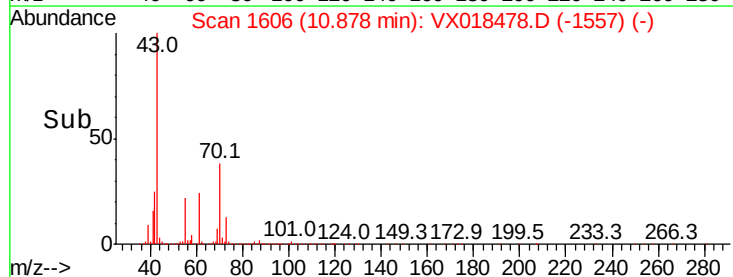
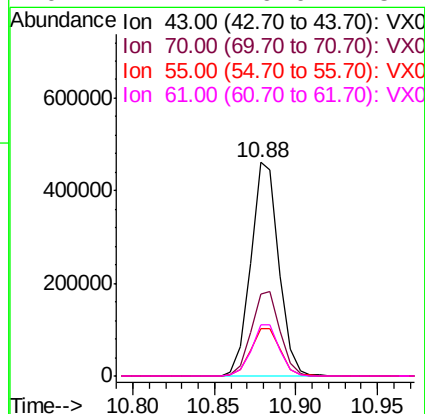
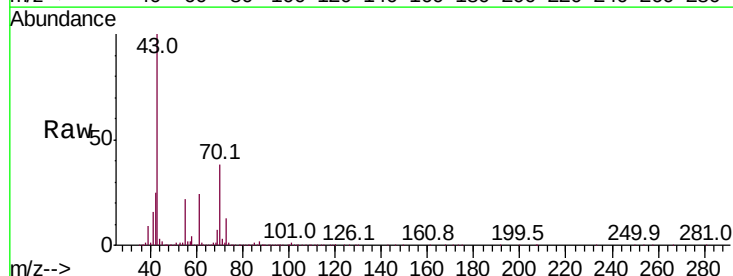
Ion Ratio Lower Upper

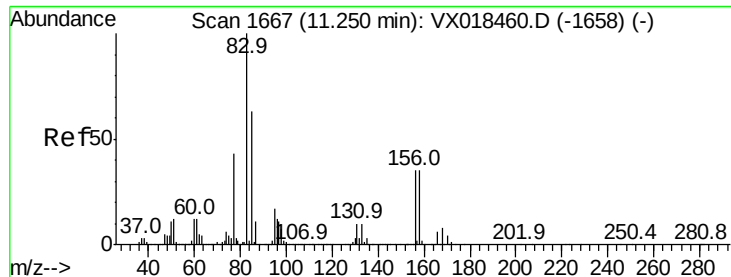
43 100

70 40.4 32.2 48.4

55 23.6 18.8 28.2

61 24.1 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 49.022 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

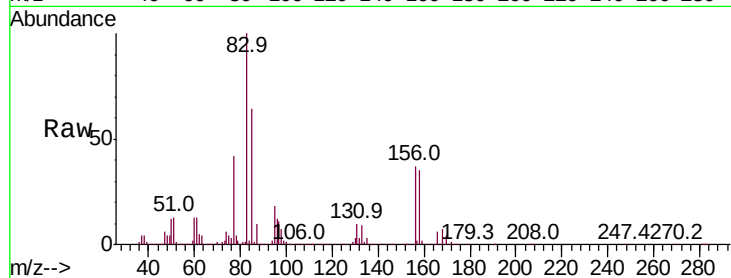
Tot Ion: 83 Resp: 401836

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.4

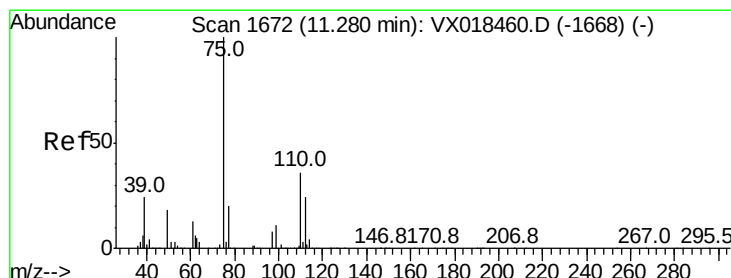
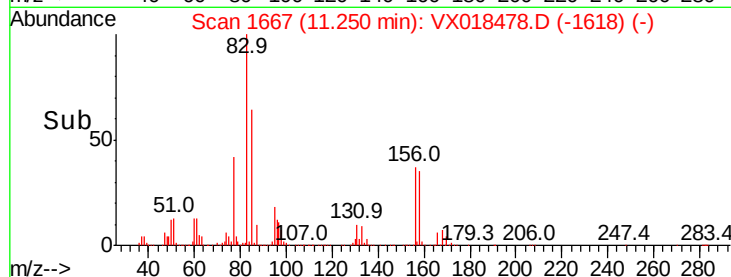
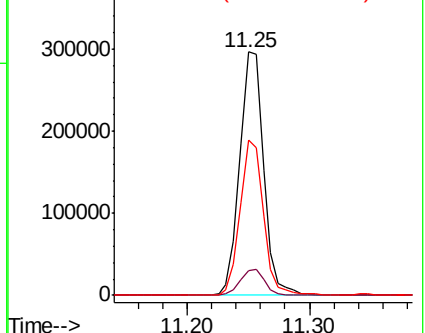
85 62.2 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.079 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018478.D

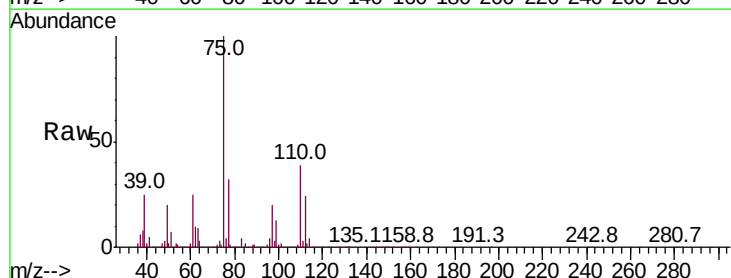
Acq: 17 Sep 2020 19:48

Tgt Ion: 75 Resp: 483614

Ion Ratio Lower Upper

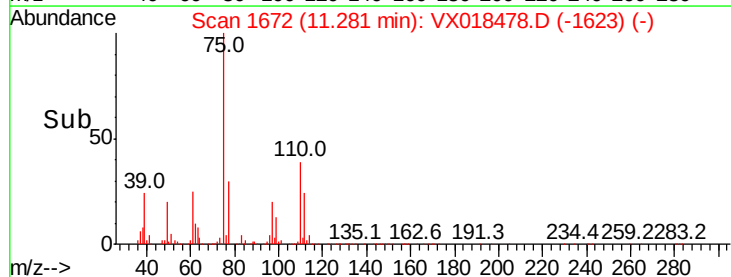
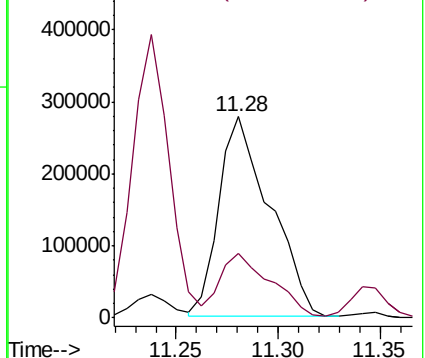
75 100

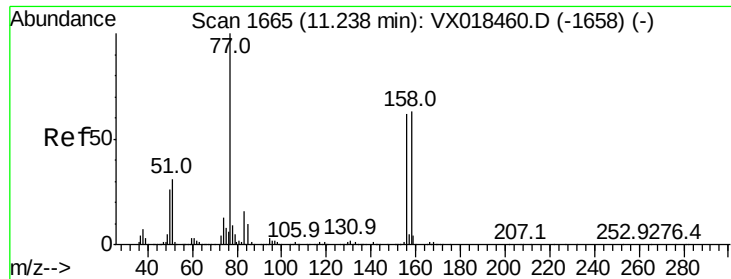
77 32.0 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.094 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

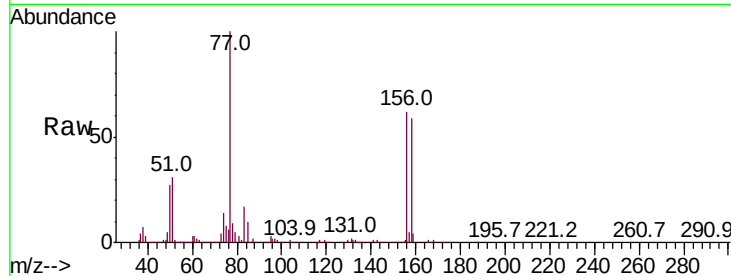
Tot Ion:156 Resp: 314962

Ion Ratio Lower Upper

156 100

77 156.3 78.8 236.5

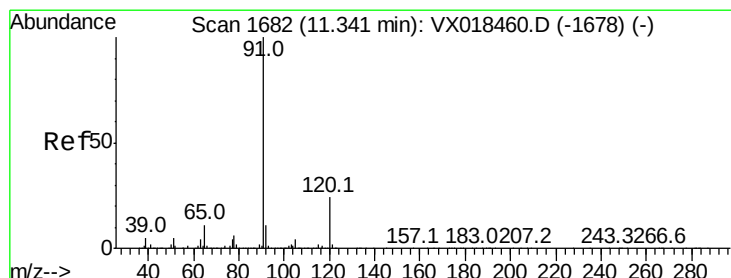
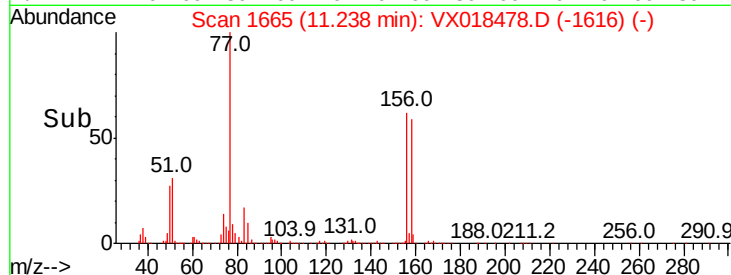
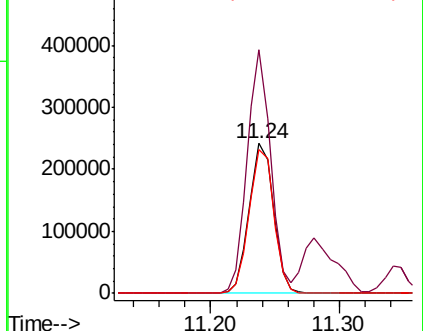
158 97.1 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.263 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018478.D

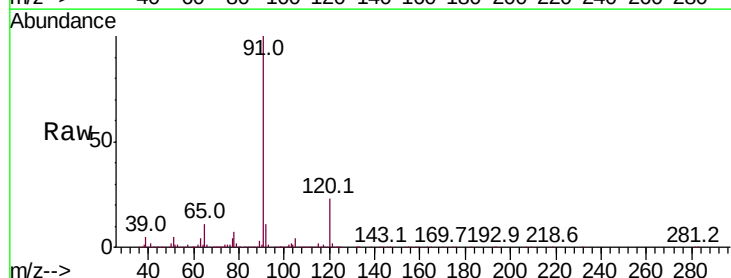
Acq: 17 Sep 2020 19:48

Tgt Ion: 91 Resp: 1312092

Ion Ratio Lower Upper

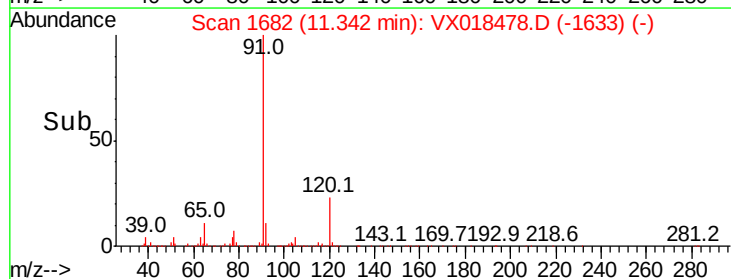
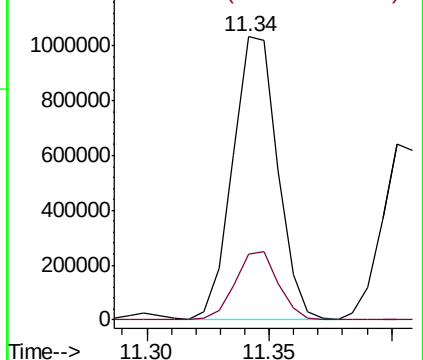
91 100

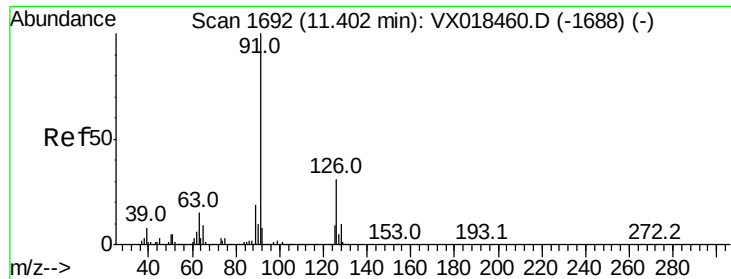
120 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

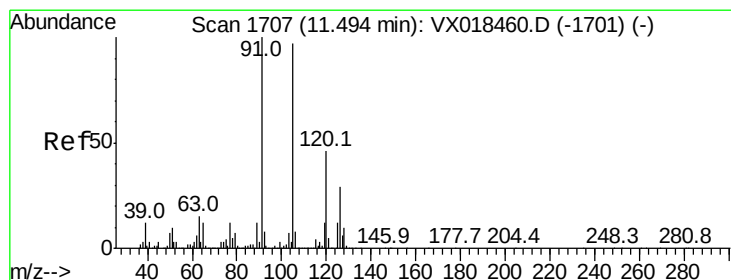
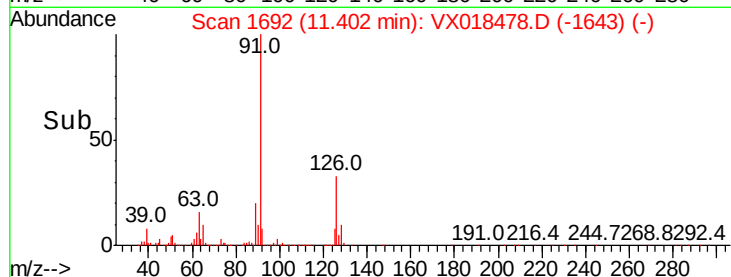
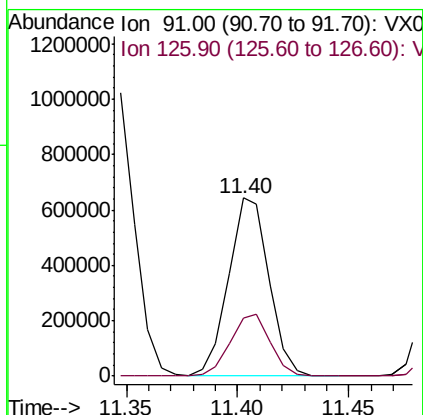
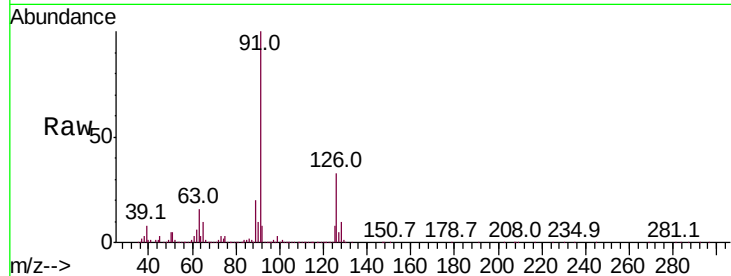




#79
2-Chlorotoluene
Concen: 46.047 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX018478.D
Acq: 17 Sep 2020 19:48

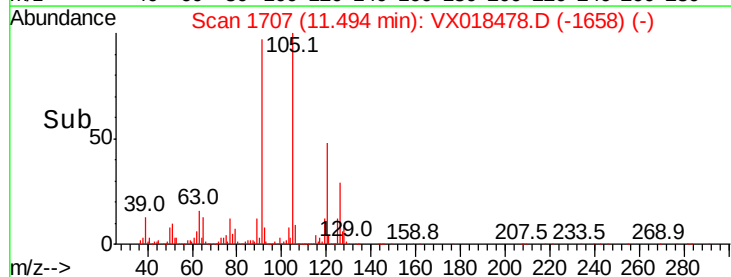
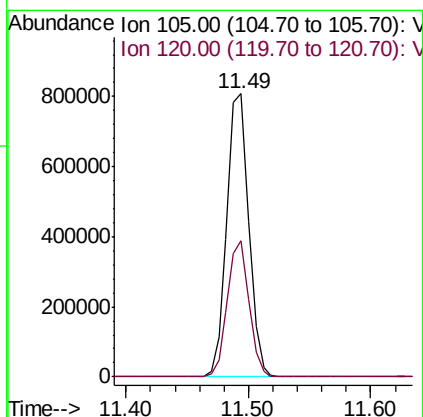
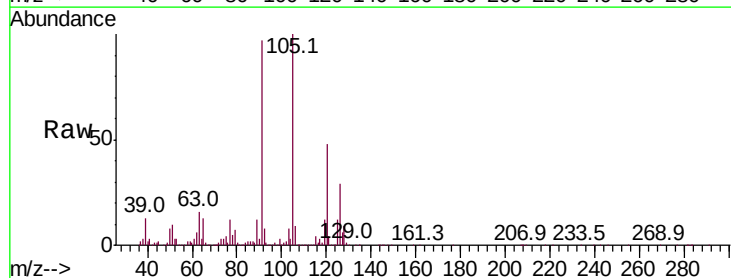
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

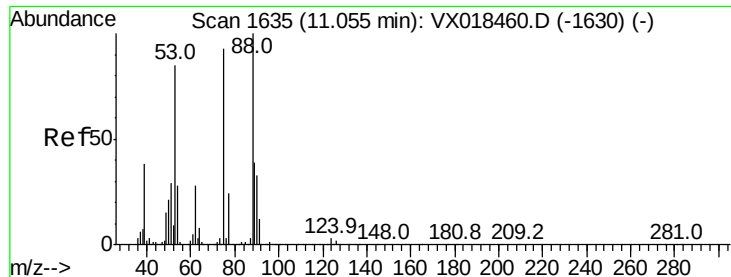
Tot Ion: 91 Resp: 807977
Ion Ratio Lower Upper
91 100
126 34.4 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 47.189 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018478.D
Acq: 17 Sep 2020 19:48

Tgt Ion: 105 Resp: 999423
Ion Ratio Lower Upper
105 100
120 47.2 23.6 71.0





#81

trans-1,4-Dichloro-2-butene

Concen: 46.754 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

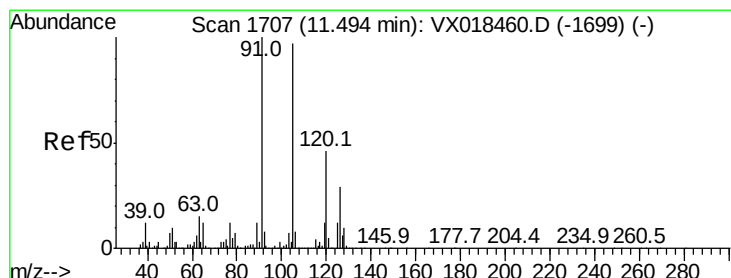
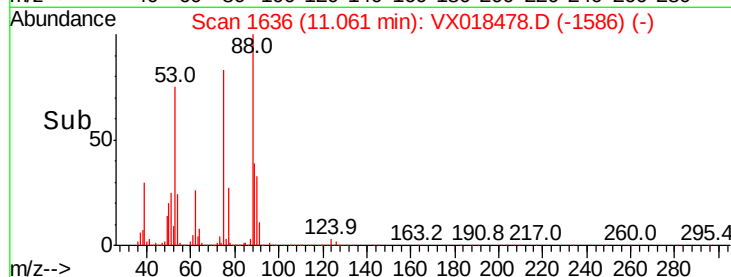
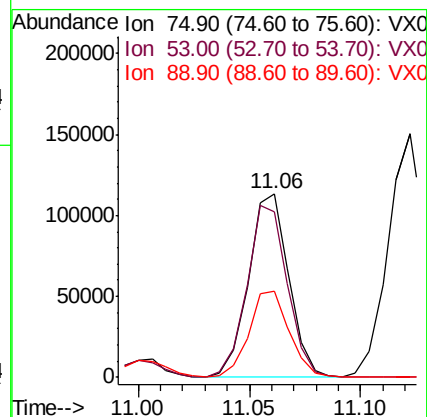
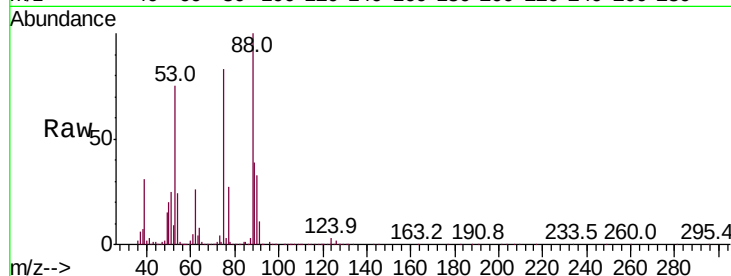
Tot Ion: 75 Resp: 142137

Ion Ratio Lower Upper

75 100

53 94.6 74.6 111.8

89 47.5 36.2 54.4



#82

4-Chlorotoluene

Concen: 46.061 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018478.D

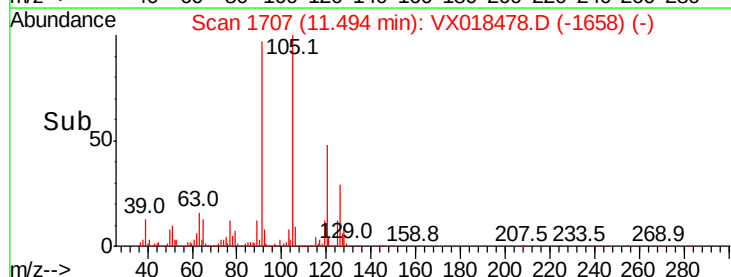
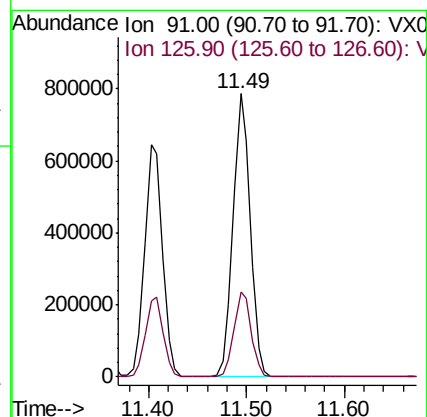
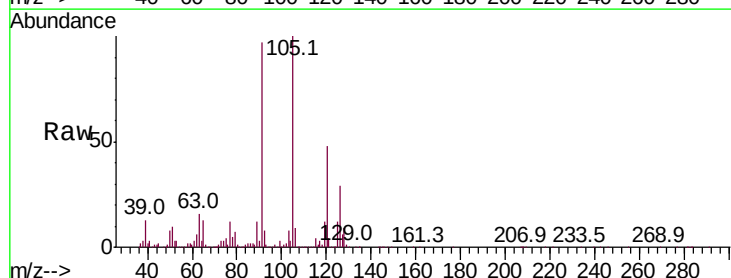
Acq: 17 Sep 2020 19:48

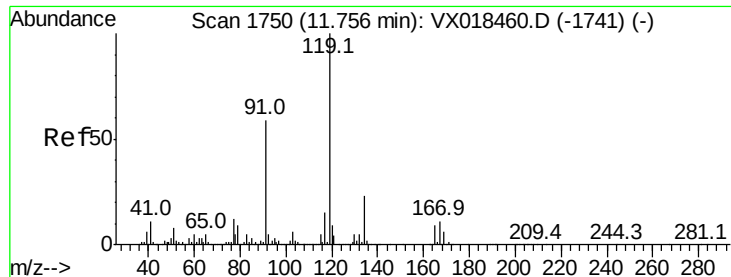
Tgt Ion: 91 Resp: 960732

Ion Ratio Lower Upper

91 100

126 30.3 15.0 45.0





#83

tert-Butylbenzene

Concen: 47.849 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

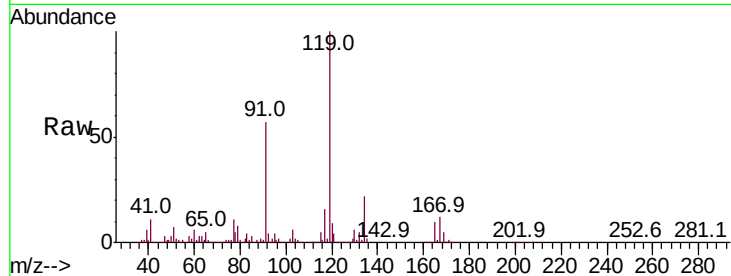
Tot Ion:119 Resp: 983941

Ion Ratio Lower Upper

119 100

91 56.2 28.9 86.7

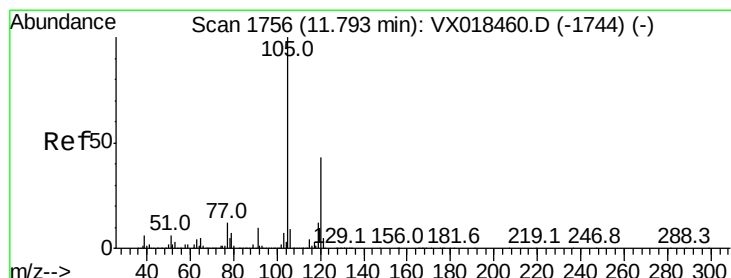
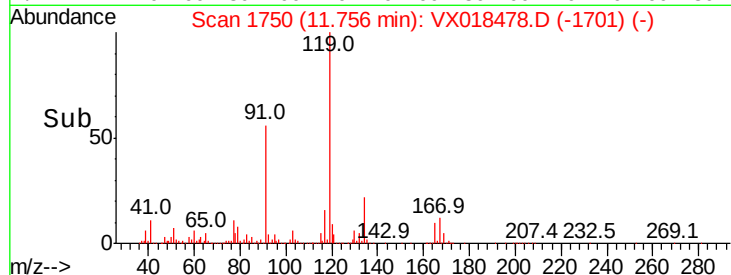
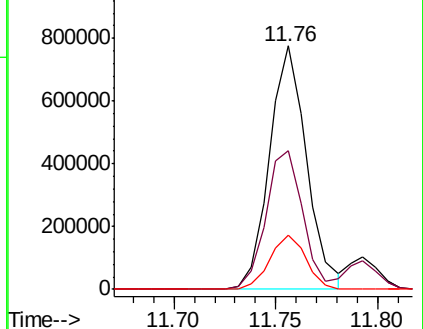
134 21.8 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 47.948 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX018478.D

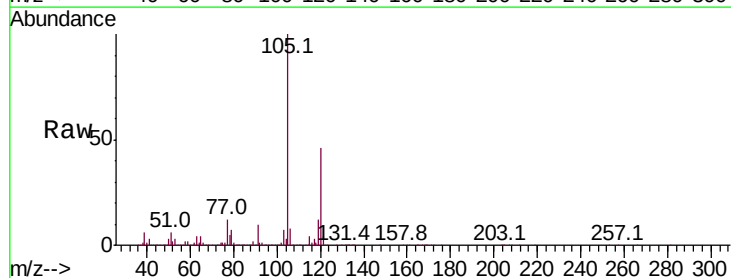
Acq: 17 Sep 2020 19:48

Tgt Ion:105 Resp: 1022706

Ion Ratio Lower Upper

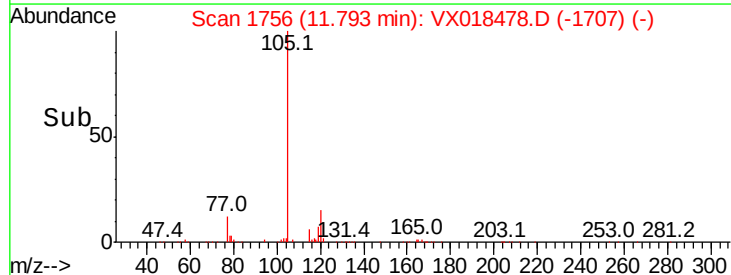
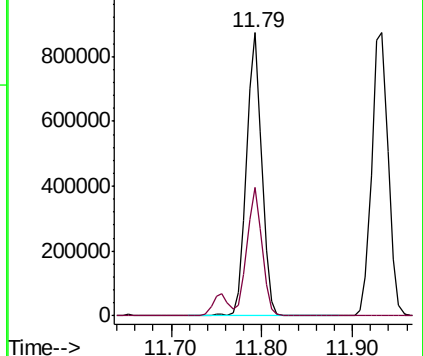
105 100

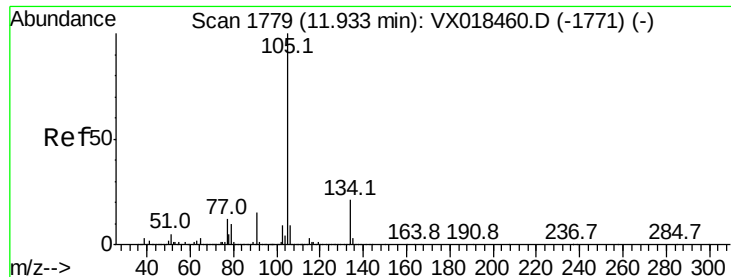
120 44.5 21.6 65.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 45.526 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Instrument :

MSVOA_X

ClientSampleId :

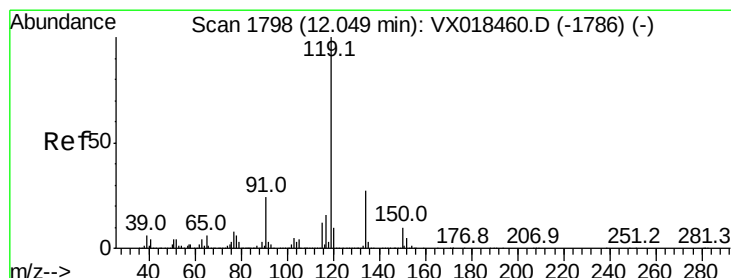
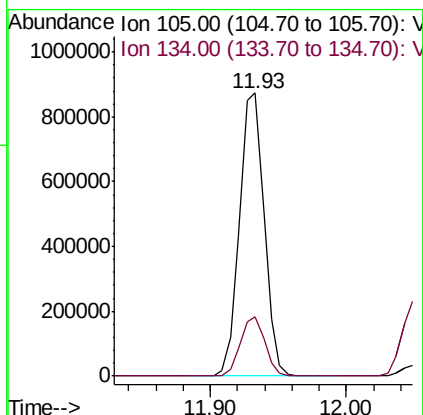
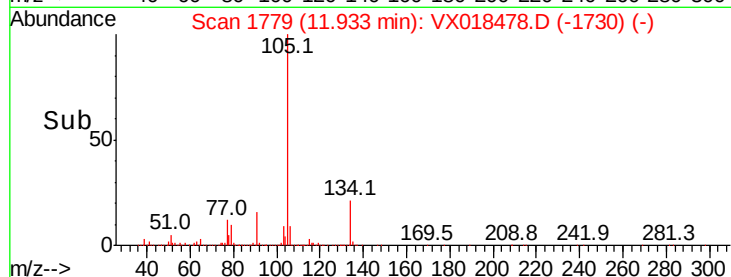
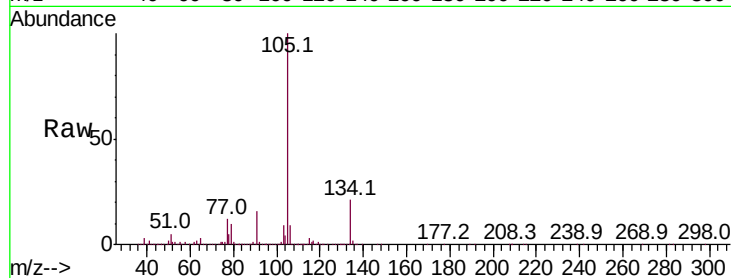
VSTDCCC050EC

Tot Ion:105 Resp: 1104590

Ion Ratio Lower Upper

105 100

134 20.8 10.2 30.4



#86

p-Isopropyltoluene

Concen: 47.108 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

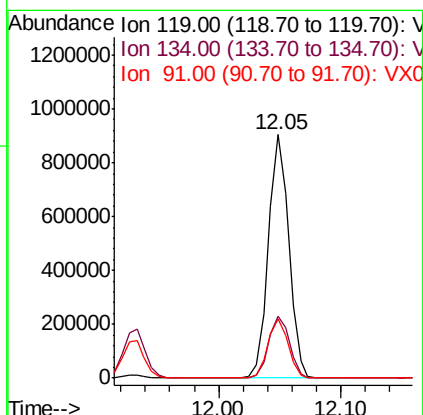
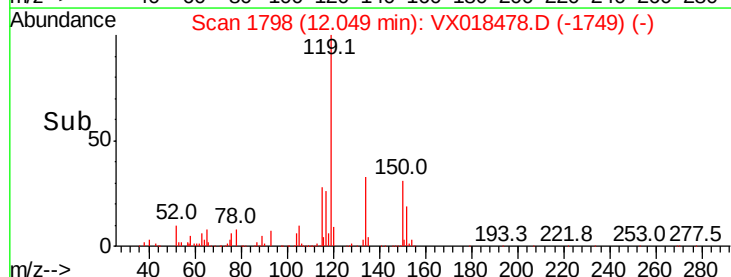
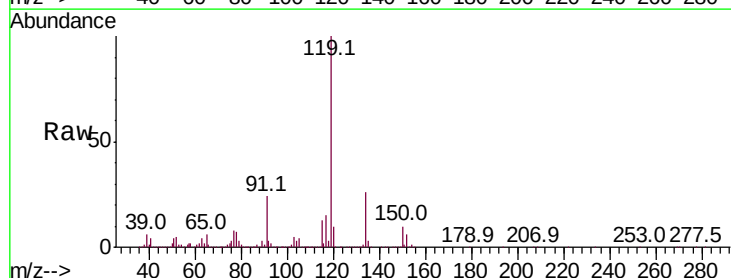
Tgt Ion:119 Resp: 1050446

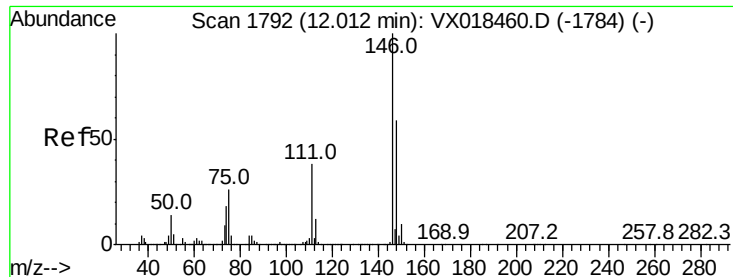
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.9

91 24.3 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 45.599 ug/l

RT: 12.01 min Scan# 1792

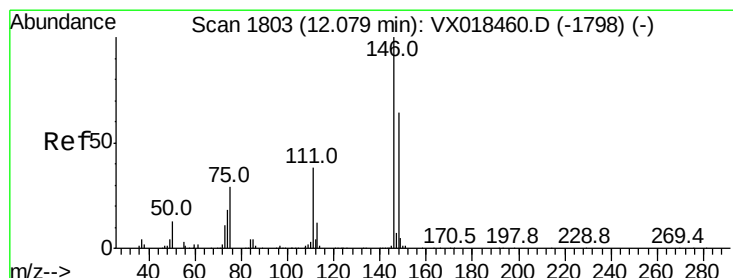
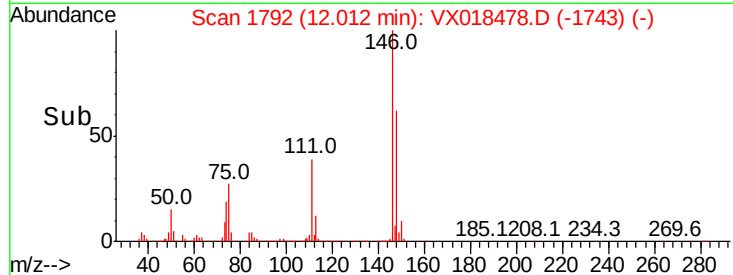
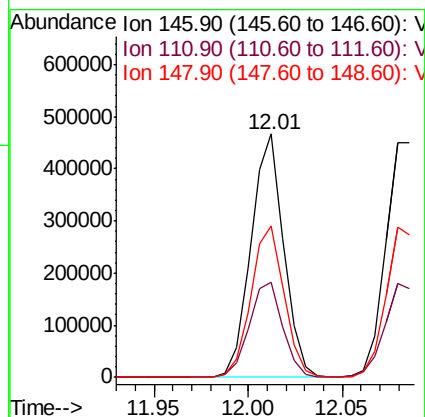
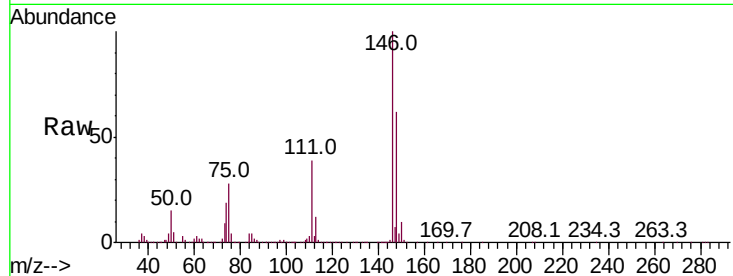
Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.4	61.2
148	63.1	31.1	93.2



#88

1,4-Dichlorobenzene

Concen: 45.943 ug/l

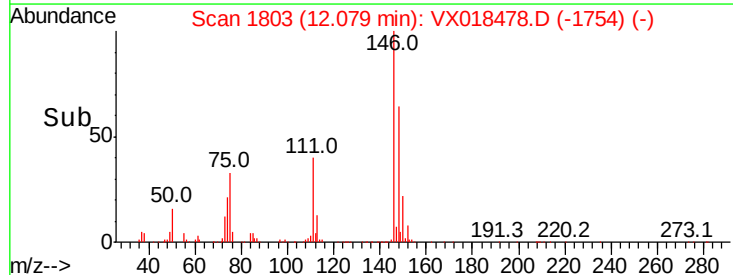
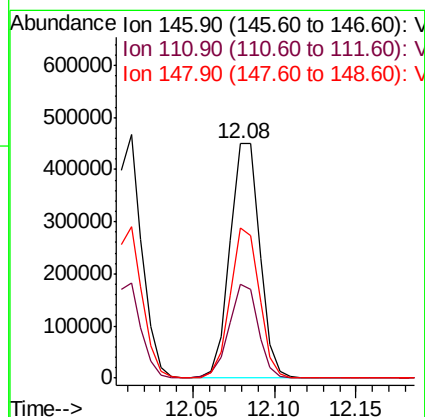
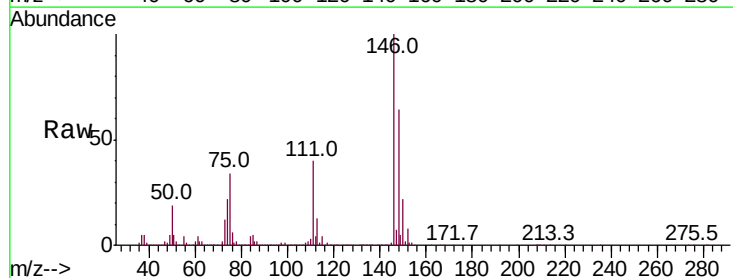
RT: 12.08 min Scan# 1803

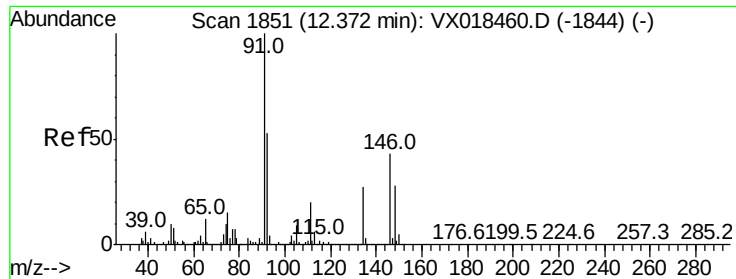
Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.4	58.4
148	62.7	31.8	95.4

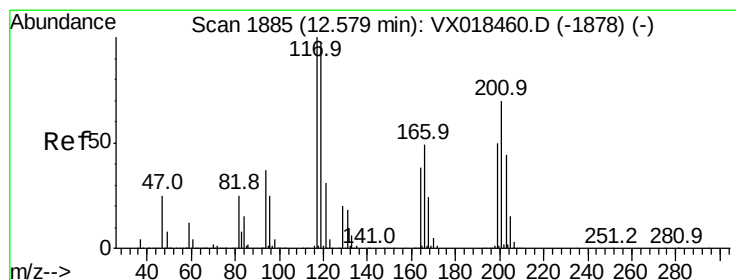
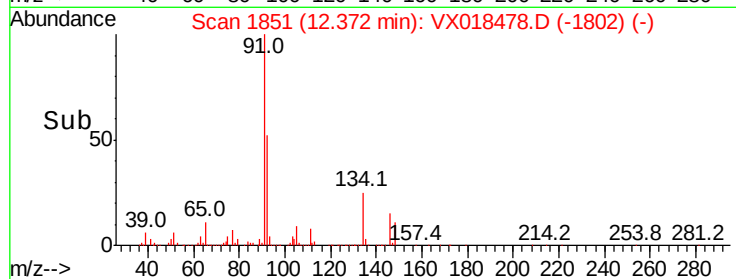
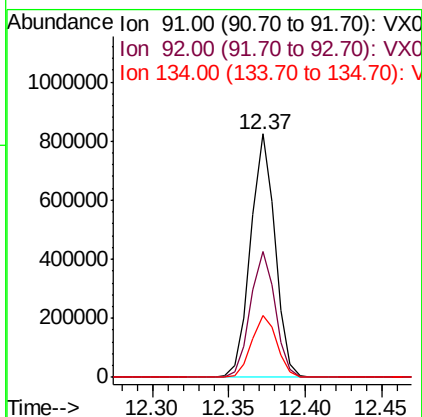
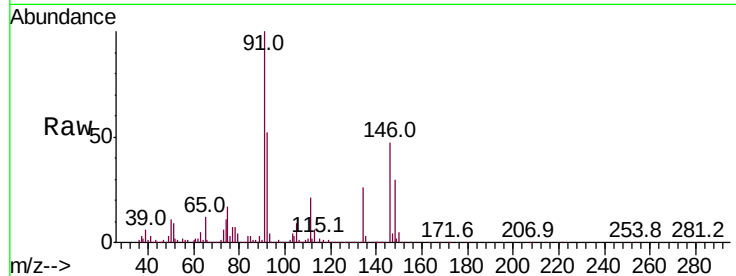




#89
n-Butylbenzene
Concen: 44.288 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018478.D
Acq: 17 Sep 2020 19:48

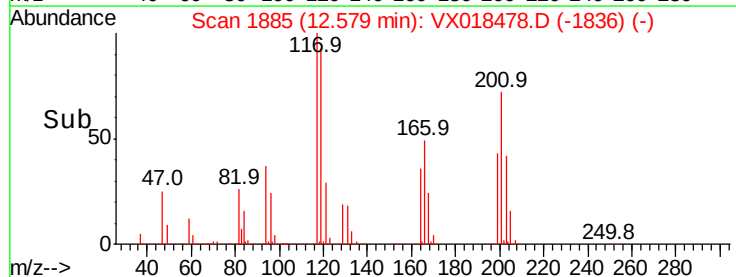
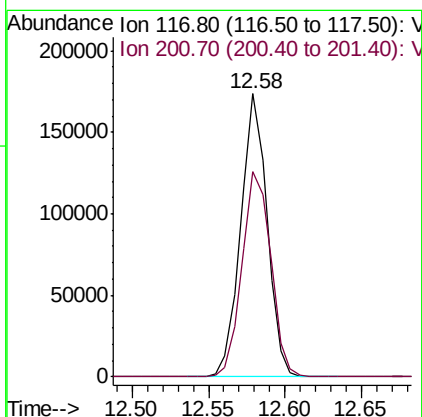
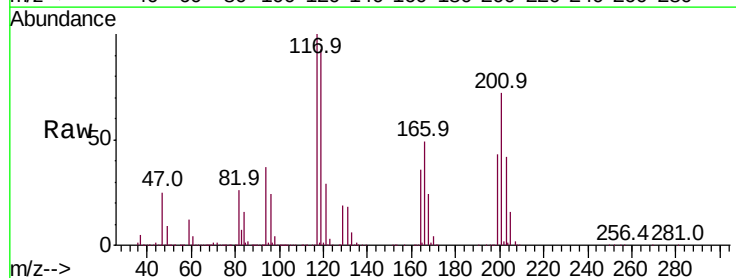
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

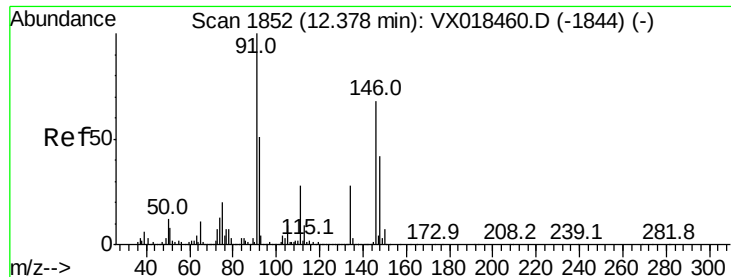
Tot Ion: 91 Resp: 914245
Ion Ratio Lower Upper
91 100
92 52.6 26.1 78.2
134 26.6 13.3 39.8



#90
Hexachloroethane
Concen: 46.488 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018478.D
Acq: 17 Sep 2020 19:48

Tgt Ion: 117 Resp: 206955
Ion Ratio Lower Upper
117 100
201 79.4 36.2 108.6

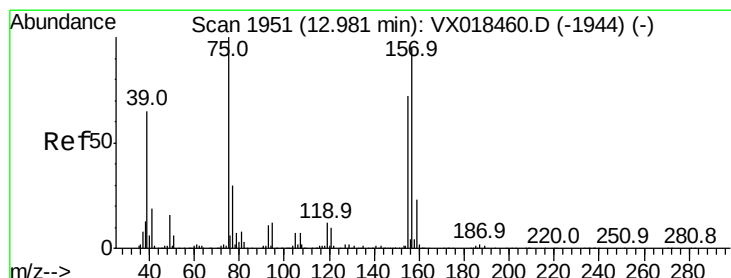
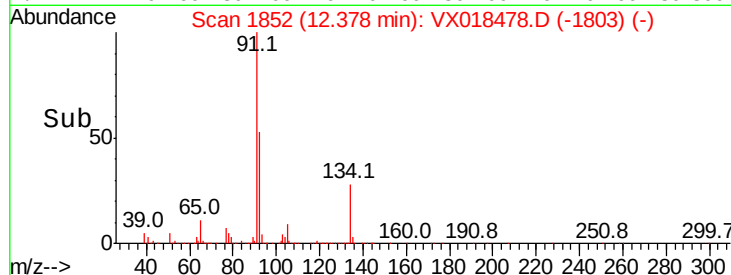
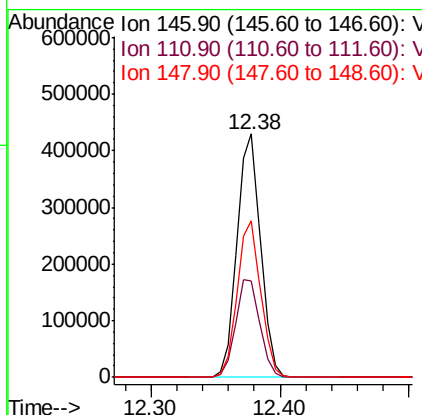
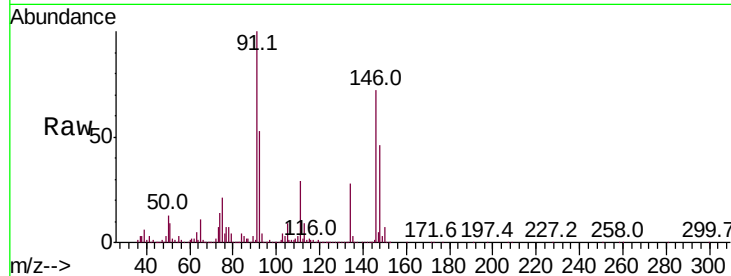




#91
 1,2-Dichlorobenzene
 Concen: 47.587 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018478.D
 Acq: 17 Sep 2020 19:48

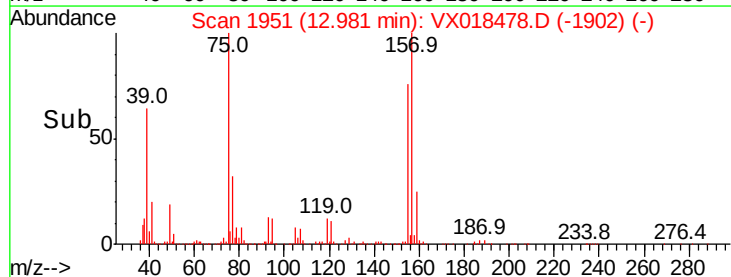
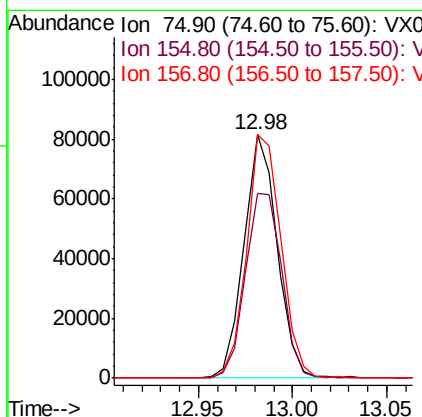
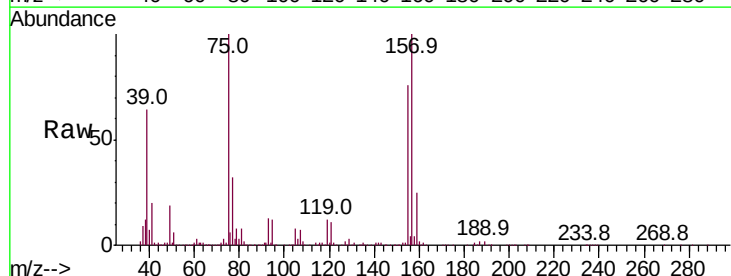
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

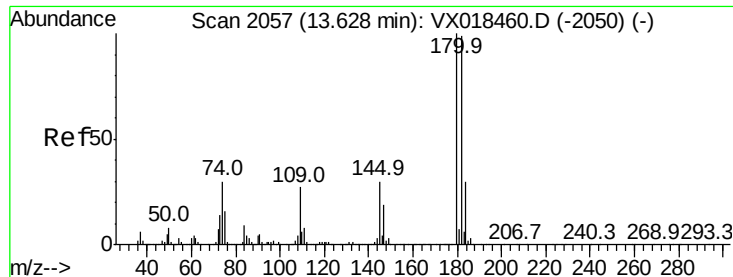
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.5	64.5
148	63.9	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.947 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018478.D
 Acq: 17 Sep 2020 19:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.2	38.8	116.4
157	104.0	51.1	153.3

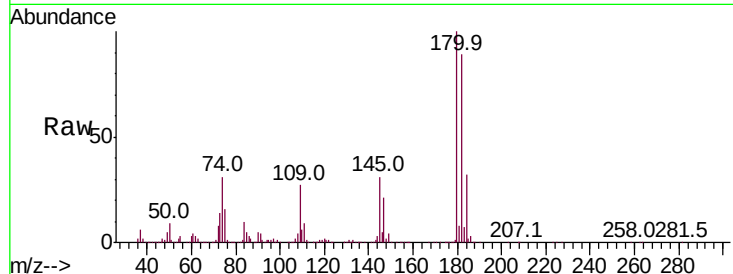




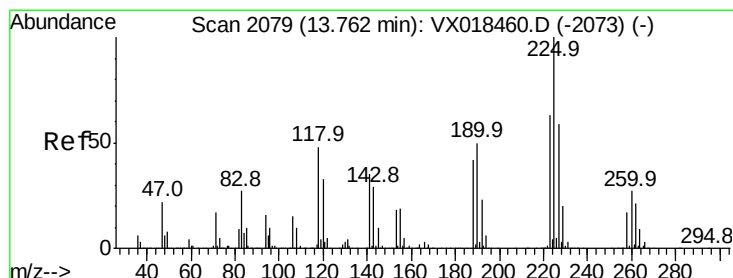
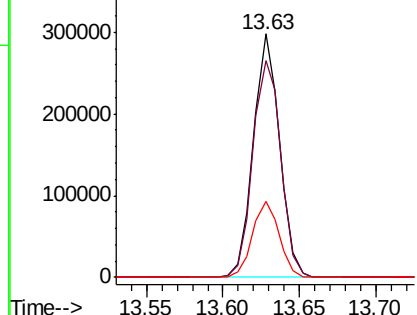
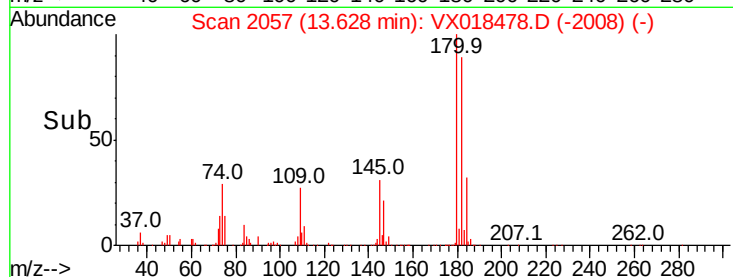
#93
 1,2,4-Trichlorobenzene
 Concen: 44.382 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018478.D
 Acq: 17 Sep 2020 19:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	50.2	150.6
145	31.9	15.7	47.1

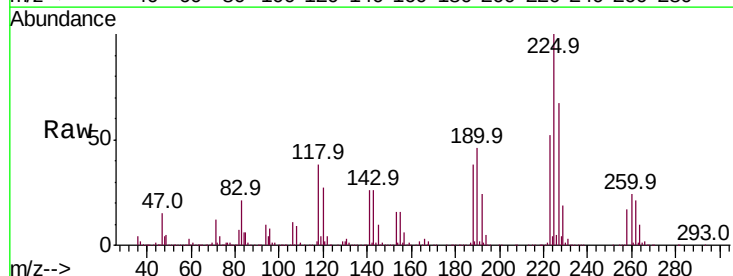


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

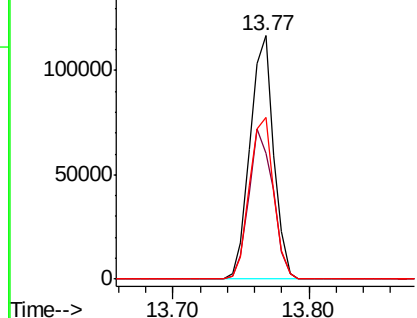
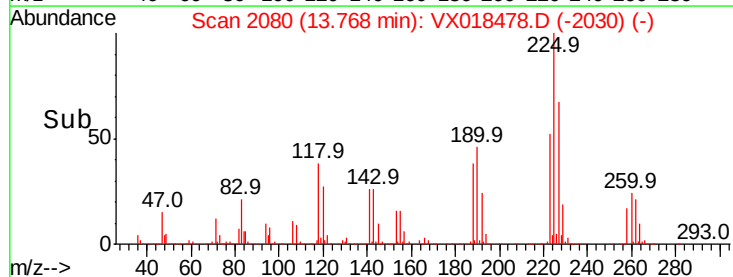


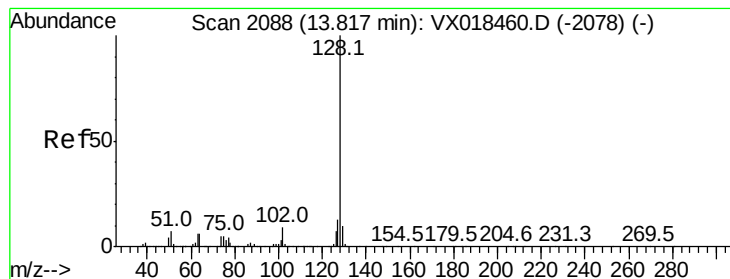
#94
 Hexachlorobutadiene
 Concen: 42.392 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018478.D
 Acq: 17 Sep 2020 19:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	32.0	96.2
227	68.3	31.7	95.1



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





#95

Naphthalene

Concen: 49.574 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Instrument :

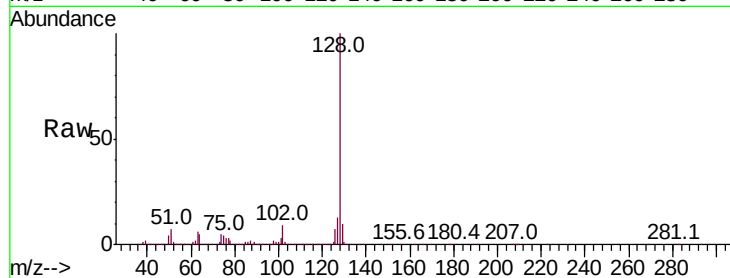
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1198201

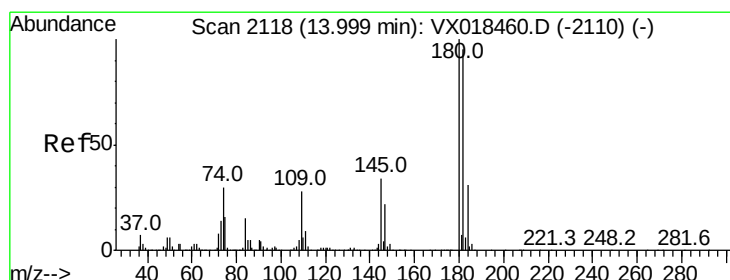
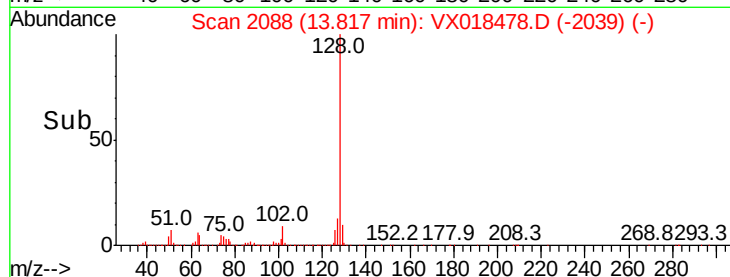
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.6	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.864 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018478.D

Acq: 17 Sep 2020 19:48

Tgt Ion:180 Resp: 358442

Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.1	141.3
145	32.9	16.8	50.4

