

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102820\
 Data File : VX019156.D
 Acq On : 28 Oct 2020 11:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 29 02:05:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	280219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	455839	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	410813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203744	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	169958	47.03	ug/l	0.00
Spiked Amount			Recovery	=	94.06%	
35) Dibromofluoromethane	5.46	113	139503	48.72	ug/l	0.00
Spiked Amount			Recovery	=	97.44%	
50) Toluene-d8	8.70	98	521943	48.36	ug/l	0.00
Spiked Amount			Recovery	=	96.72%	
62) 4-Bromofluorobenzene	11.12	95	195336	47.79	ug/l	0.00
Spiked Amount			Recovery	=	95.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	127297	54.492	ug/l	99
3) Chloromethane	1.31	50	137580	52.715	ug/l	100
4) Vinyl Chloride	1.39	62	162795	53.786	ug/l	99
5) Bromomethane	1.64	94	107647	52.078	ug/l	100
6) Chloroethane	1.71	64	105102	54.387	ug/l	98
7) Trichlorofluoromethane	1.92	101	259264	54.524	ug/l	100
8) Diethyl Ether	2.17	74	99709	54.637	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	145280	55.122	ug/l	99
10) Methyl Iodide	2.49	142	166673	53.120	ug/l	99
11) Tert butyl alcohol	3.02	59	177656	248.898	ug/l	99
12) 1,1-Dichloroethene	2.36	96	141326	52.036	ug/l	98
13) Acrolein	2.27	56	77954	244.401	ug/l	98
14) Allyl chloride	2.70	41	221883	53.938	ug/l	99
15) Acrylonitrile	3.11	53	394218	262.831	ug/l	99
16) Acetone	2.42	43	367334	294.647	ug/l	99
17) Carbon Disulfide	2.55	76	389826	50.349	ug/l	99
18) Methyl Acetate	2.75	43	157627	51.995	ug/l	100
19) Methyl tert-butyl Ether	3.16	73	511271	54.331	ug/l	99
20) Methylene Chloride	2.83	84	161952	51.744	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	160499	51.347	ug/l	97
22) Diisopropyl ether	3.82	45	460184	56.113	ug/l	94
23) Vinyl Acetate	3.78	43	2042170	279.237	ug/l	99
24) 1,1-Dichloroethane	3.67	63	278411	54.372	ug/l	99
25) 2-Butanone	4.63	43	558974	284.496	ug/l	99
26) 2,2-Dichloropropane	4.54	77	263999	54.843	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	184414	52.797	ug/l	98
28) Bromochloromethane	4.98	49	118761	51.018	ug/l	97
29) Tetrahydrofuran	5.08	42	339378	274.091	ug/l	99
30) Chloroform	5.17	83	294403	54.016	ug/l	99
31) Cyclohexane	5.54	56	245779	53.804	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	270083	54.657	ug/l	99
36) 1,1-Dichloropropene	5.76	75	225219	53.505	ug/l	100
37) Ethyl Acetate	4.79	43	213182	54.547	ug/l	99
38) Carbon Tetrachloride	5.75	117	236968	55.230	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	278512	55.336	ug/l	99
40) Benzene	6.11	78	656414	55.000	ug/l	99
41) Methacrylonitrile	4.99	41	112965	53.672	ug/l	100
42) 1,2-Dichloroethane	6.16	62	238959	54.327	ug/l	100
43) Isopropyl Acetate	6.40	43	354592	54.185	ug/l	100
44) Trichloroethene	7.18	130	179812	52.607	ug/l	98
45) 1,2-Dichloropropane	7.49	63	163631	55.976	ug/l	100
46) Dibromomethane	7.63	93	114839	53.126	ug/l	99
47) Bromodichloromethane	7.87	83	236069	55.406	ug/l	99
48) Methyl methacrylate	7.74	41	175265	55.644	ug/l	98
49) 1,4-Dioxane	7.73	88	74903	1069.332	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1052374	279.797	ug/l	100
52) Toluene	8.76	92	424414	55.214	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	266598	54.782	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	280532	54.819	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	166278	54.748	ug/l	99
56) Ethyl methacrylate	9.16	69	256733	55.964	ug/l	99
57) 1,3-Dichloropropane	9.35	76	282183	55.108	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	670379	261.297	ug/l	98
59) 2-Hexanone	9.47	43	855856	298.929	ug/l	100
60) Dibromochloromethane	9.56	129	184479	55.969	ug/l	100
61) 1,2-Dibromoethane	9.65	107	176386	54.310	ug/l	100
64) Tetrachloroethene	9.32	164	169258	54.077	ug/l	99
65) Chlorobenzene	10.12	112	446384	53.162	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	166309	55.018	ug/l	100
67) Ethyl Benzene	10.23	91	814480	54.436	ug/l	98
68) m/p-Xylenes	10.34	106	614704	109.465	ug/l	98
69) o-Xylene	10.68	106	289546	54.362	ug/l	100
70) Styrene	10.70	104	496560	54.640	ug/l	99
71) Bromoform	10.84	173	128817	53.748	ug/l #	99
73) Isopropylbenzene	11.00	105	787787	54.624	ug/l	100
74) N-amyl acetate	10.88	43	296192	56.170	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	245868	54.549	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	294766	70.068	ug/l	85
77) Bromobenzene	11.24	156	189020	52.808	ug/l	96
78) n-propylbenzene	11.34	91	914610	55.555	ug/l	100
79) 2-Chlorotoluene	11.40	91	525831	54.251	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	663079	54.423	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	84611	52.956	ug/l	98
82) 4-Chlorotoluene	11.49	91	629787	53.209	ug/l	99
83) tert-Butylbenzene	11.76	119	641047	54.951	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	673079	54.722	ug/l	100
85) sec-Butylbenzene	11.93	105	773375	55.274	ug/l	100
86) p-Isopropyltoluene	12.05	119	720950	55.826	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	347359	52.111	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	351004	50.587	ug/l	99
89) n-Butylbenzene	12.37	91	661659	54.507	ug/l	99
90) Hexachloroethane	12.58	117	123159	56.107	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	340056	53.128	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	58275	52.815	ug/l	99

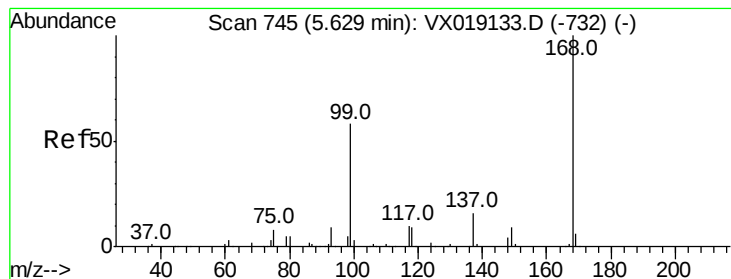
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	240018	49.923	ug/l	98
94) Hexachlorobutadiene	13.77	225	104412	49.335	ug/l	98
95) Naphthalene	13.82	128	767399	50.680	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	239567	51.364	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019156.D

Acq: 28 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

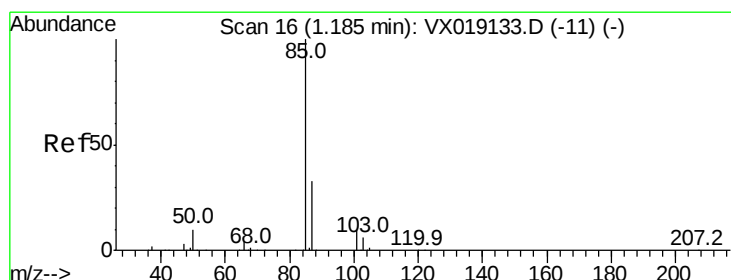
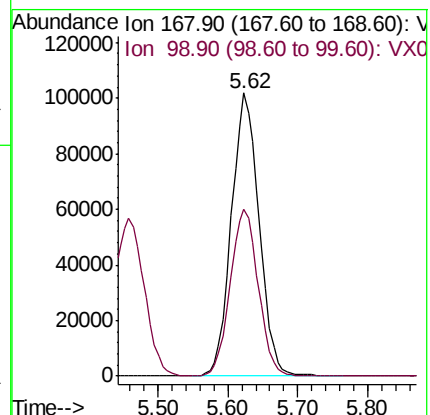
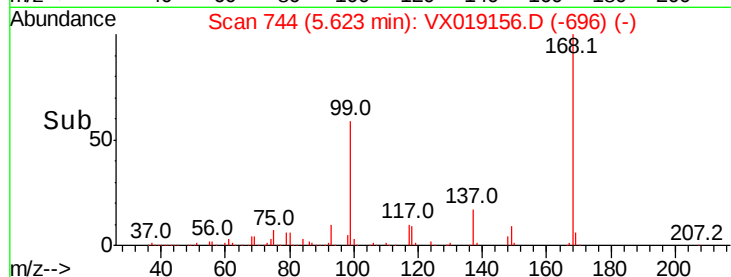
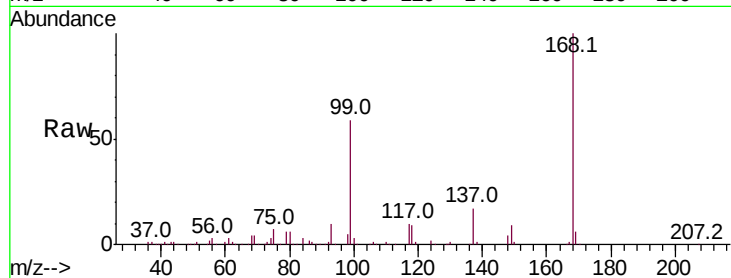
VSTDCCC050

Tot Ion:168 Resp: 280219

Ion Ratio Lower Upper

168 100

99 58.7 46.6 69.8



#2

Dichlorodifluoromethane

Concen: 54.492 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019156.D

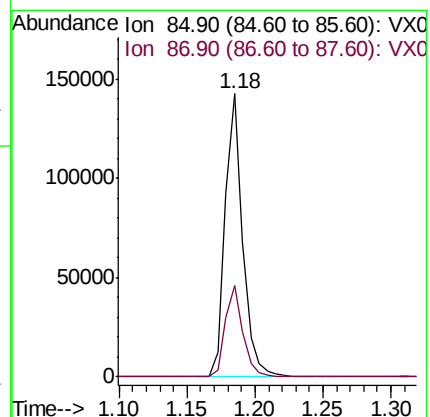
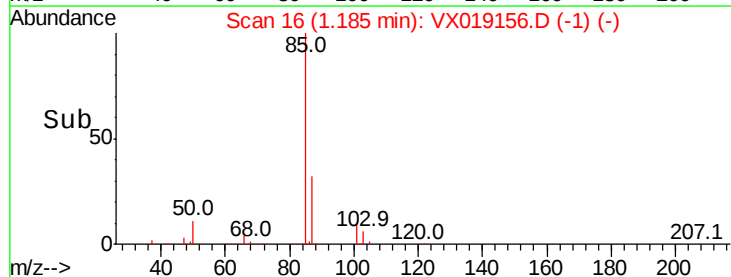
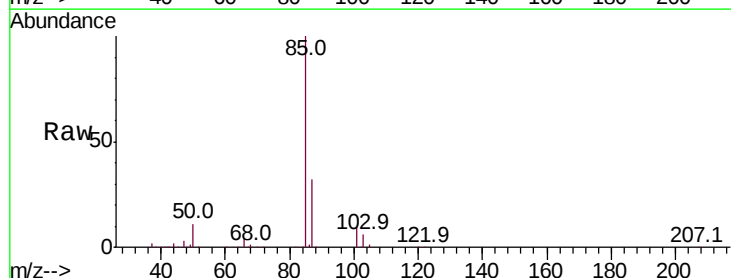
Acq: 28 Oct 2020 11:07

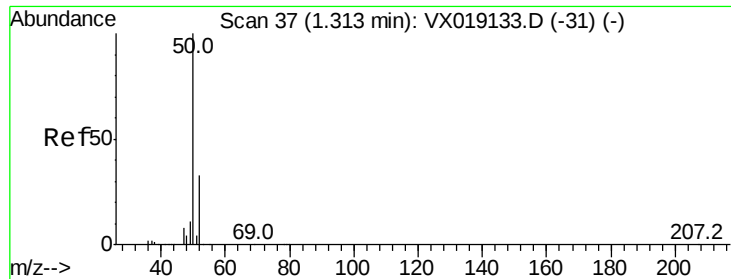
Tgt Ion: 85 Resp: 127297

Ion Ratio Lower Upper

85 100

87 32.5 16.6 49.7

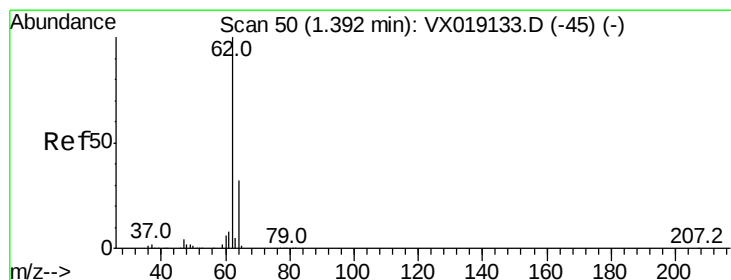
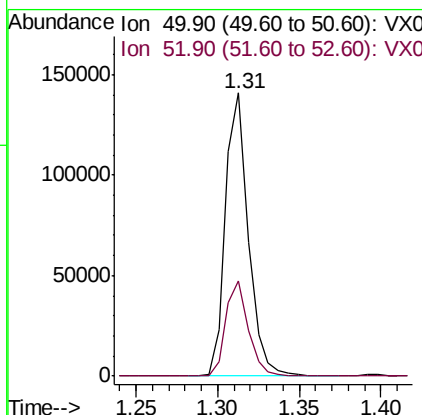
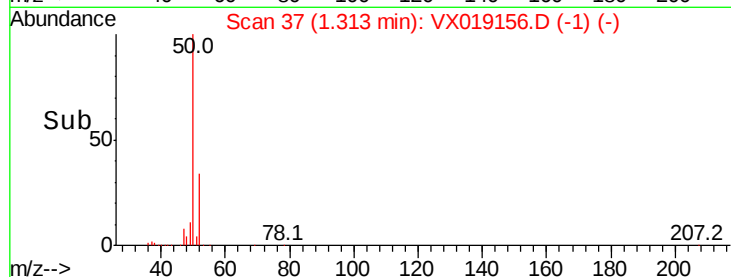
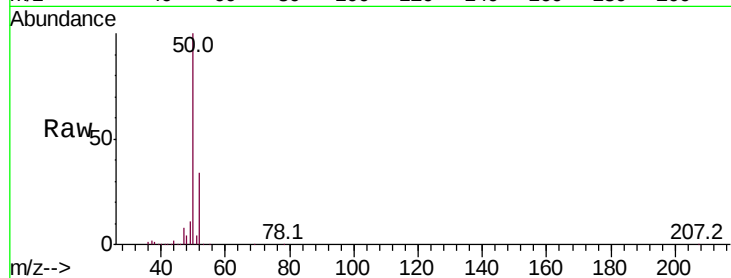




#3
Chloromethane
Concen: 52.715 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX019156.D
Acq: 28 Oct 2020 11:07

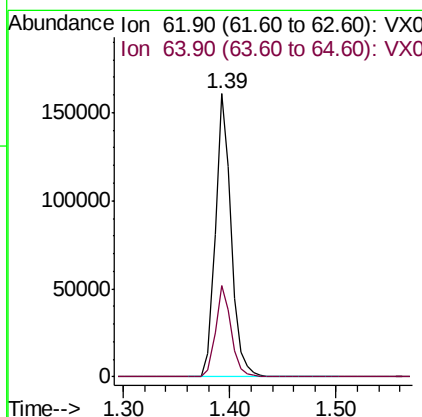
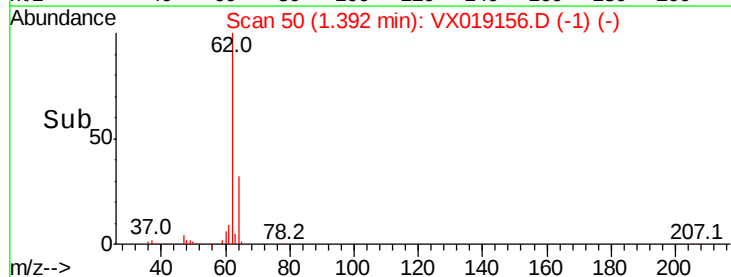
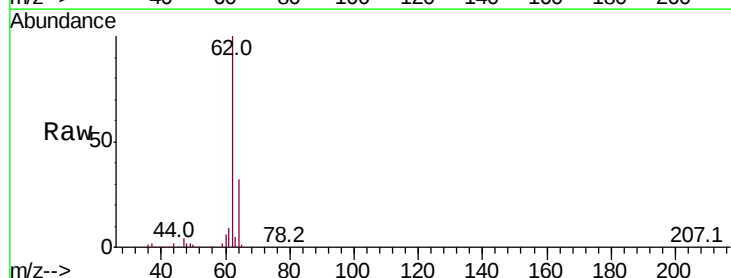
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

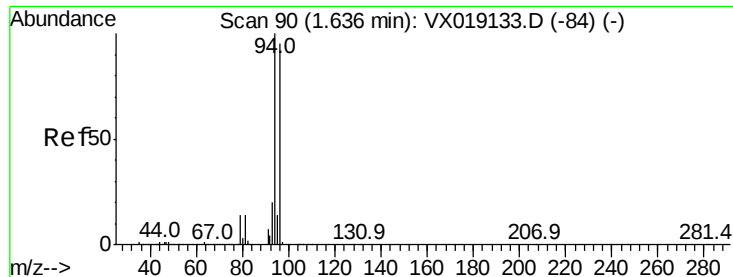
Tot Ion: 50 Resp: 137580
Ion Ratio Lower Upper
50 100
52 33.5 26.8 40.2



#4
Vinyl Chloride
Concen: 53.786 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX019156.D
Acq: 28 Oct 2020 11:07

Tgt Ion: 62 Resp: 162795
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0





#5

Bromomethane

Concen: 52.078 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX019156.D

Acq: 28 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

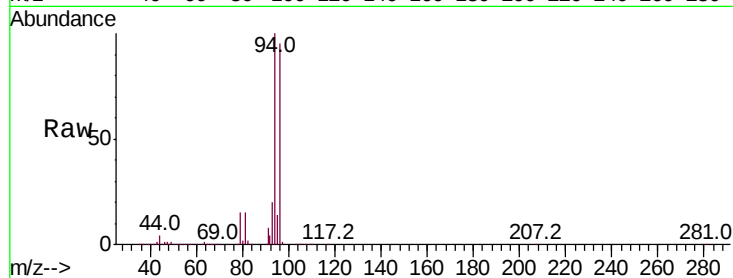
VSTDCCC050

Tot Ion: 94 Resp: 107647

Ion Ratio Lower Upper

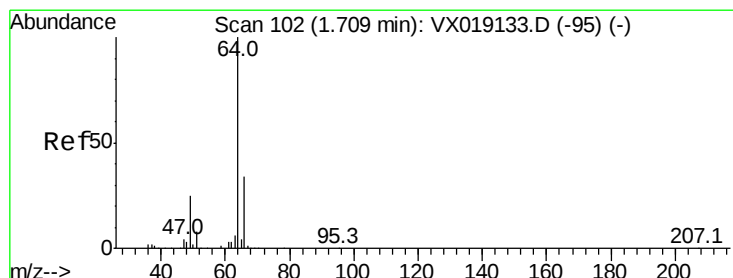
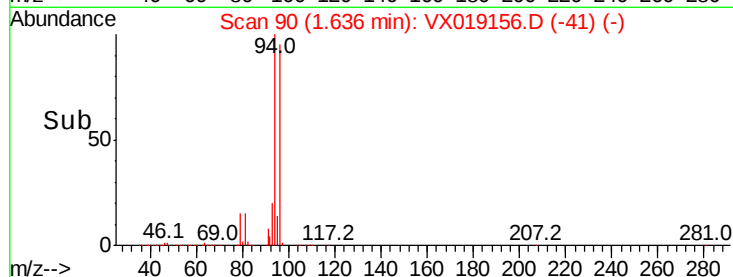
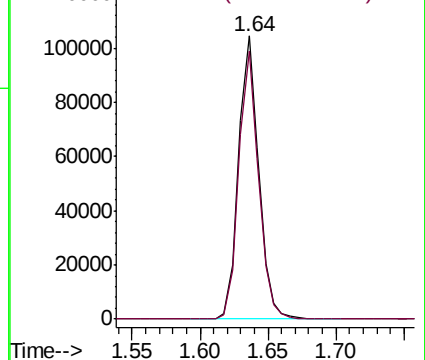
94 100

96 94.7 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.387 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX019156.D

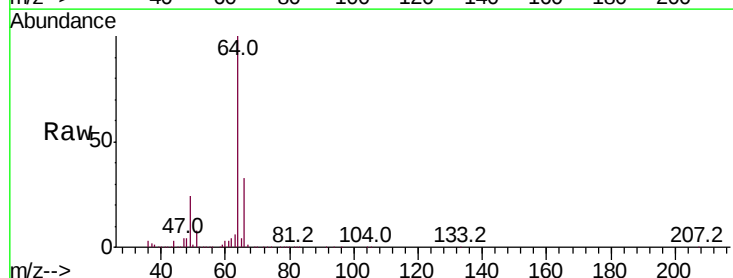
Acq: 28 Oct 2020 11:07

Tgt Ion: 64 Resp: 105102

Ion Ratio Lower Upper

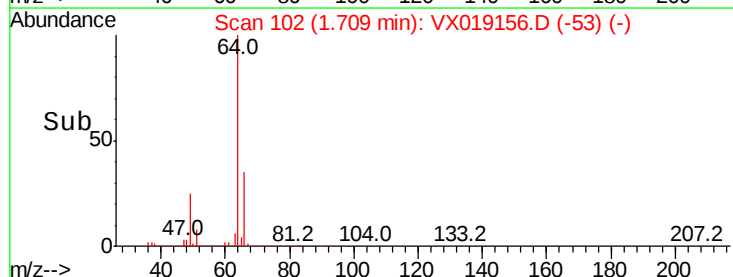
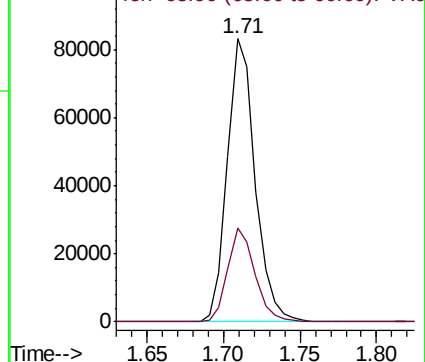
64 100

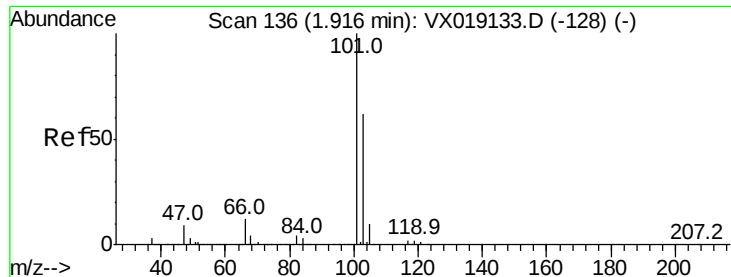
66 32.9 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



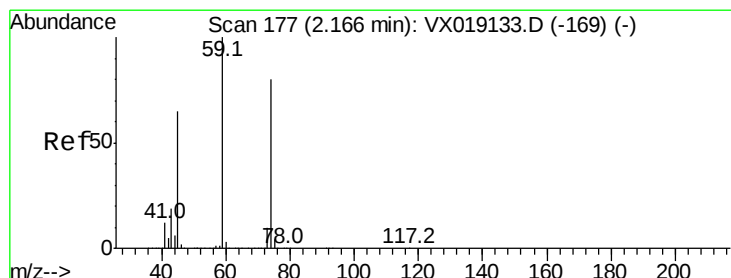
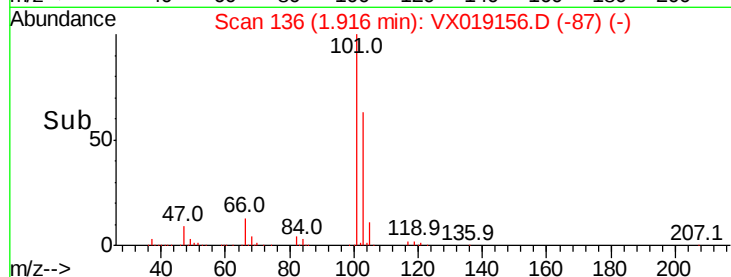
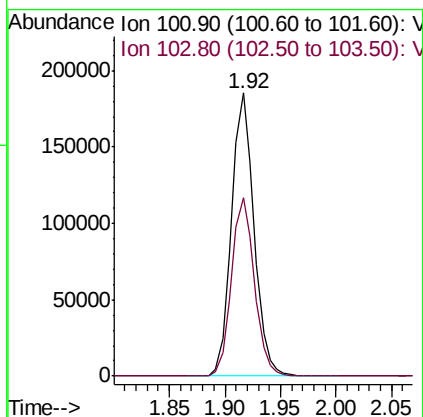
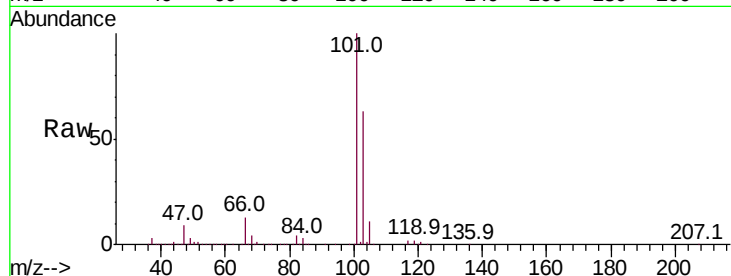


#7

Trichlorofluoromethane
Concen: 54.524 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019156.D
Acq: 28 Oct 2020 11:07

Instrument :
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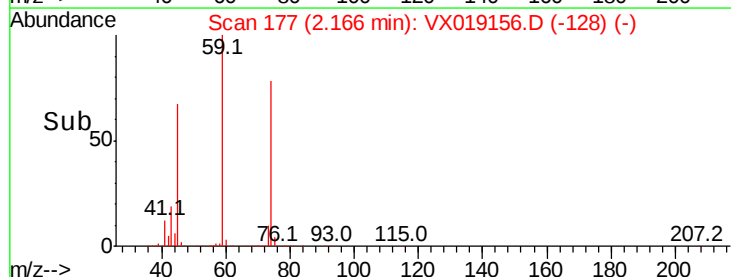
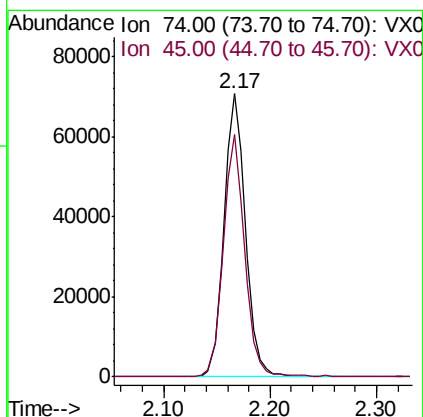
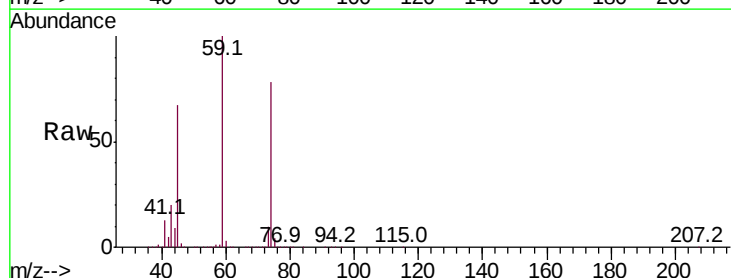
Tot Ion:101 Resp: 259264
Ion Ratio Lower Upper
101 100
103 62.9 50.0 75.0

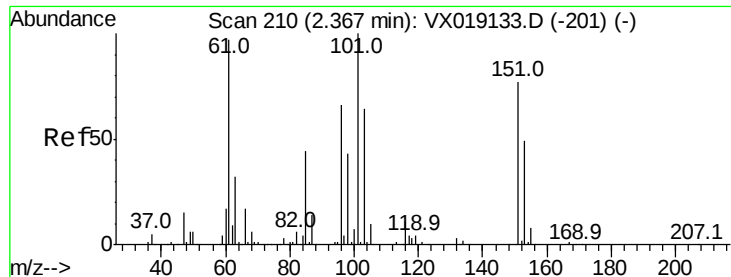


#8

Diethyl Ether
Concen: 54.637 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019156.D
Acq: 28 Oct 2020 11:07

Tgt Ion: 74 Resp: 99709
Ion Ratio Lower Upper
74 100
45 84.1 41.0 123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.122 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX019156.D

Acq: 28 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

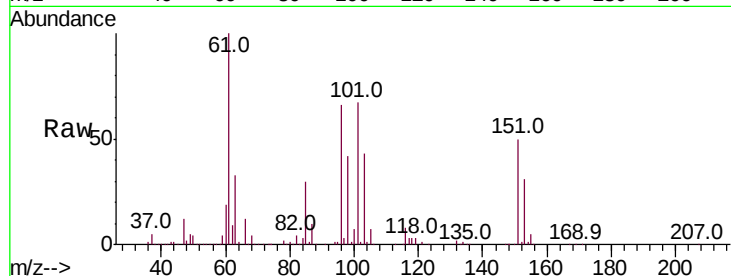
Tot Ion:101 Resp: 145280

Ion Ratio Lower Upper

101 100

85 44.1 35.0 52.4

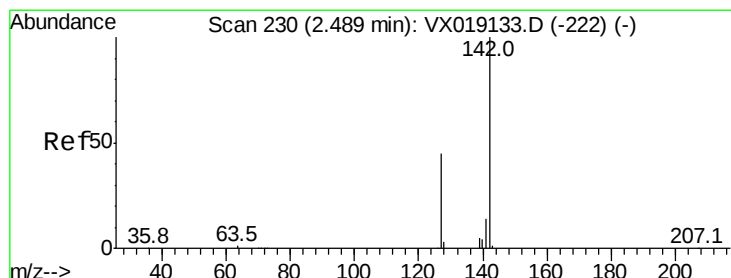
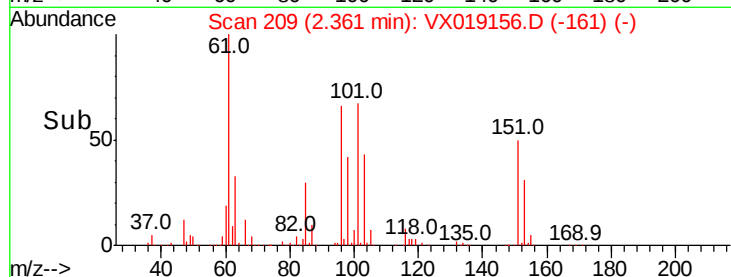
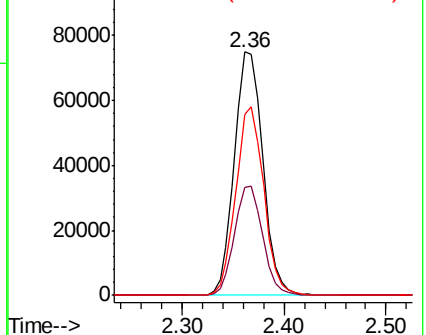
151 75.9 61.4 92.2



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: 53.120 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019156.D

Acq: 28 Oct 2020 11:07

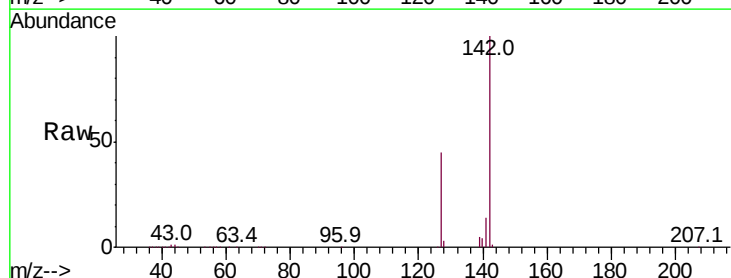
Tgt Ion:142 Resp: 166673

Ion Ratio Lower Upper

142 100

127 45.6 36.1 54.1

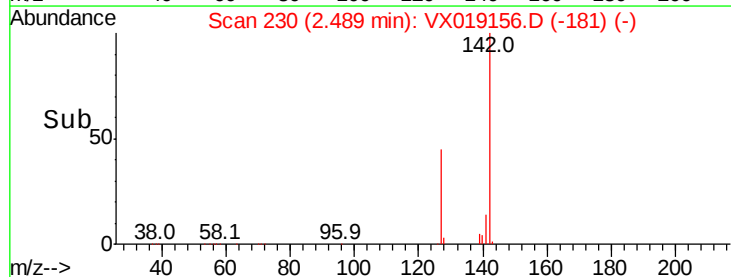
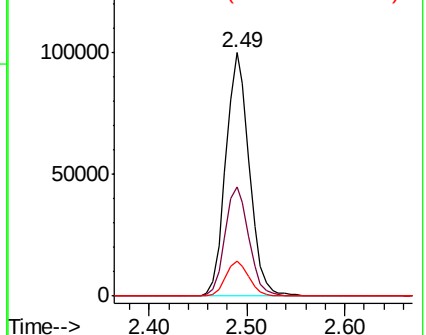
141 14.3 11.3 16.9

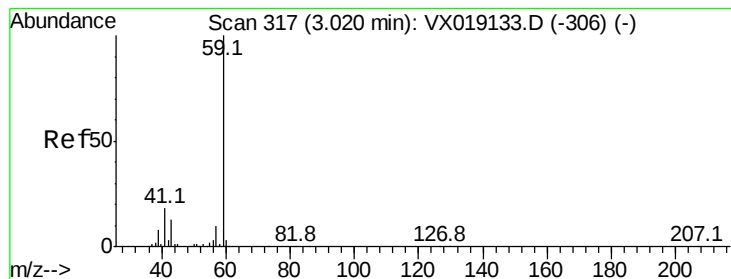


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



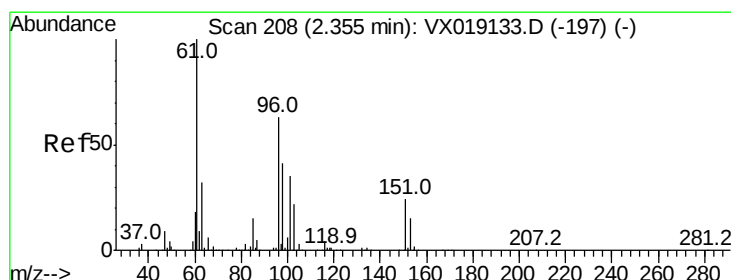
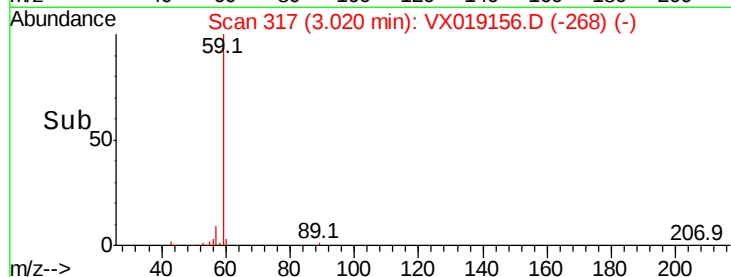
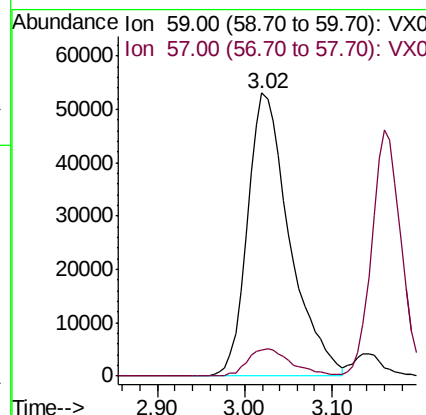
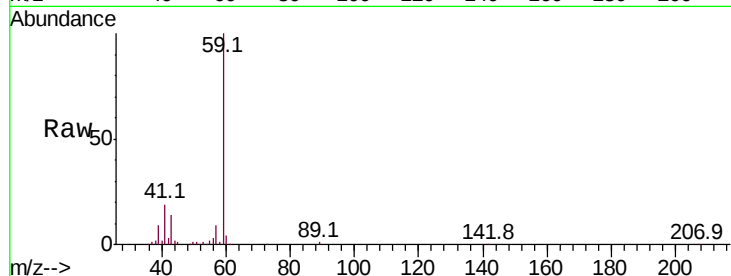


#11

Tert butyl alcohol
Concen: 248.898 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX019156.D
Acq: 28 Oct 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

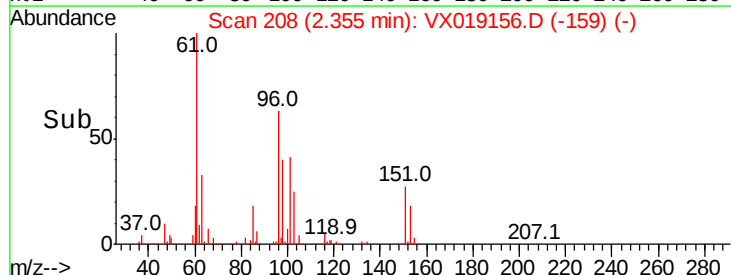
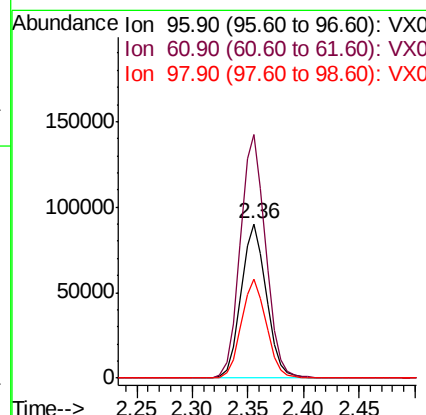
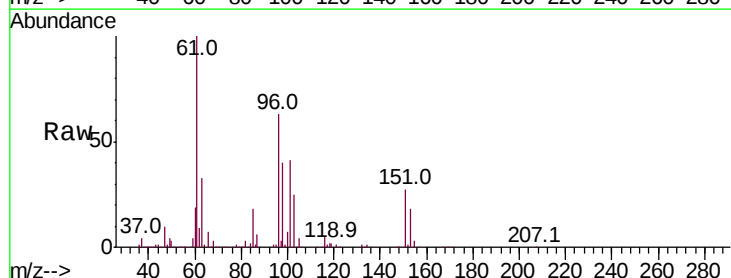
Tot Ion: 59 Resp: 177656
Ion Ratio Lower Upper
59 100
57 10.3 8.4 12.6

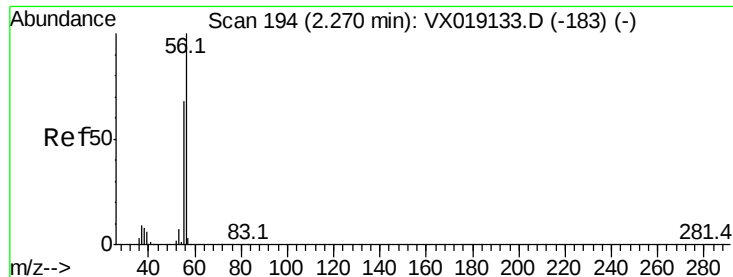


#12

1,1-Dichloroethene
Concen: 52.036 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019156.D
Acq: 28 Oct 2020 11:07

Tgt Ion: 96 Resp: 141326
Ion Ratio Lower Upper
96 100
61 157.6 127.7 191.5
98 63.7 52.1 78.1





#13

Acrolein

Concen: 244.401 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019156.D

Acq: 28 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampled :

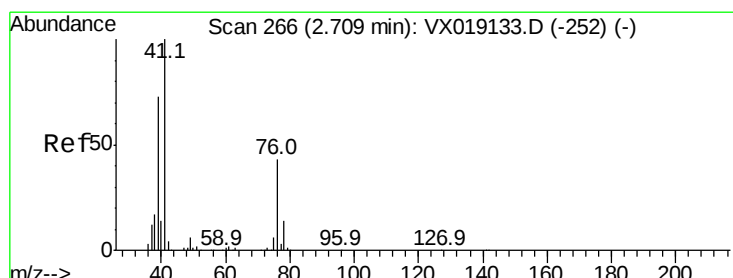
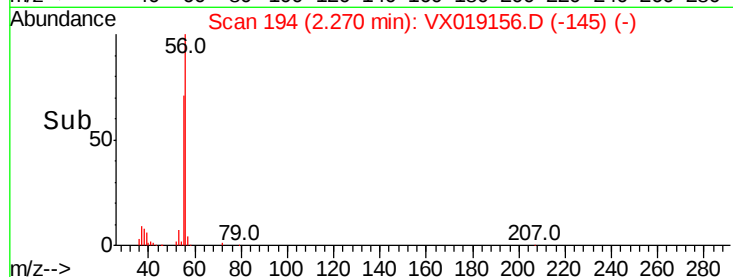
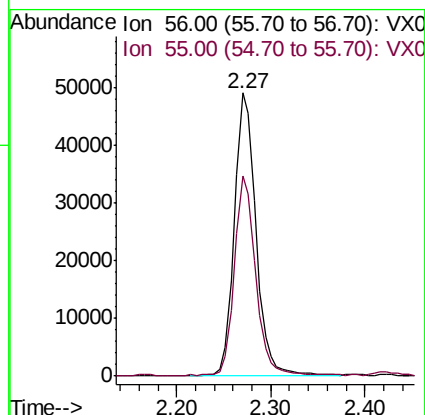
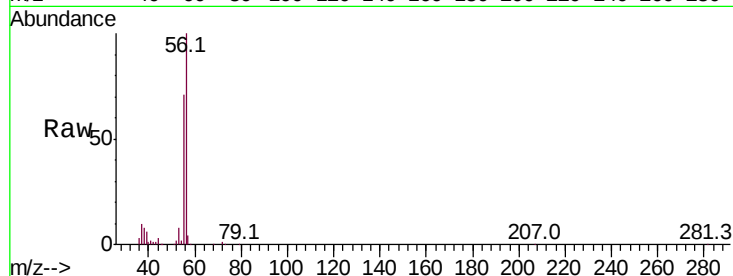
VSTDCCC050

Tot Ion: 56 Resp: 77954

Ion Ratio Lower Upper

56 100

55 69.7 54.7 82.1



#14

Allyl chloride

Concen: 53.938 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX019156.D

Acq: 28 Oct 2020 11:07

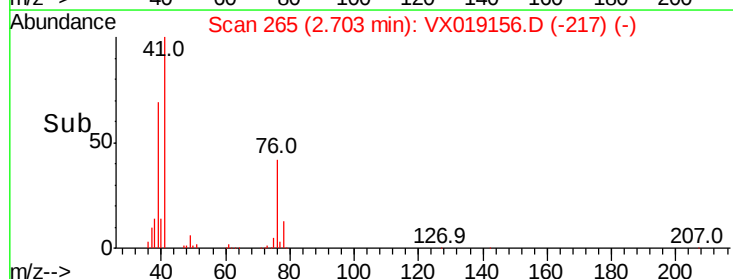
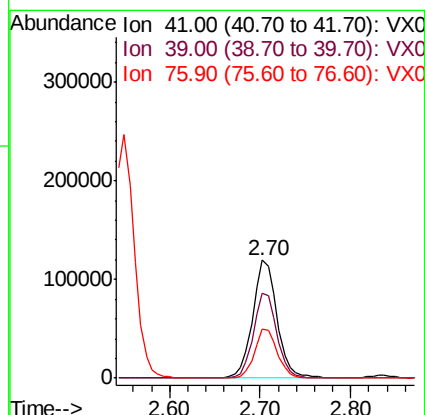
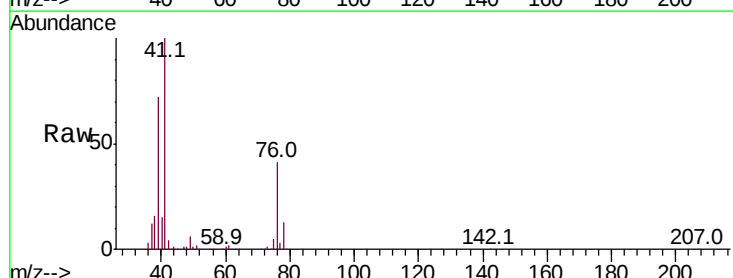
Tgt Ion: 41 Resp: 221883

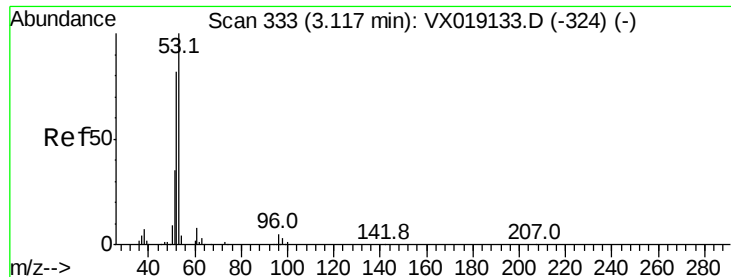
Ion Ratio Lower Upper

41 100

39 69.2 55.2 82.8

76 38.8 31.5 47.3





#15

Acrylonitrile

Concen: 262.831 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019156.D

Acq: 28 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

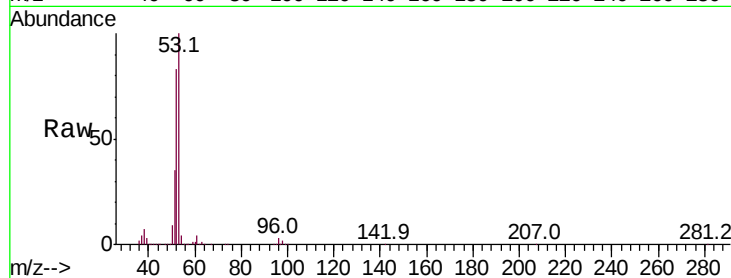
Tot Ion: 53 Resp: 394218

Ion Ratio Lower Upper

53 100

52 82.6 65.7 98.5

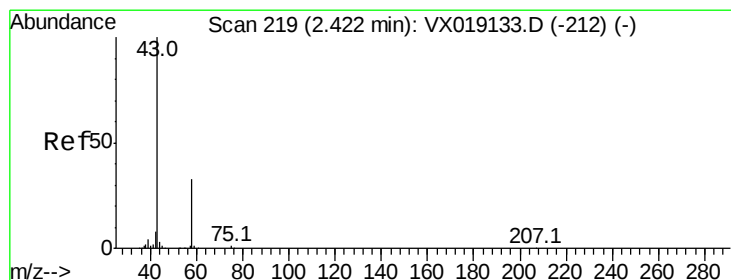
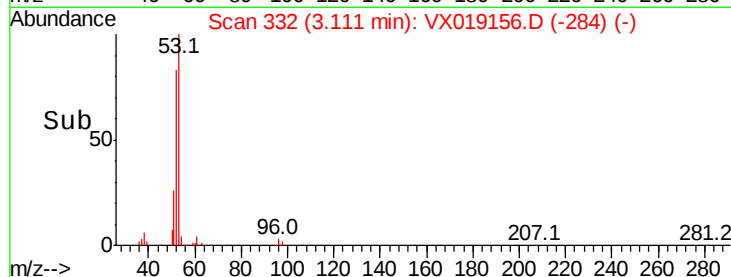
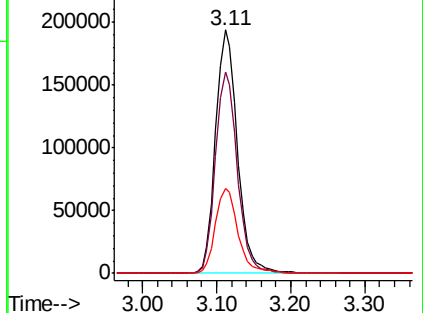
51 36.0 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 294.647 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX019156.D

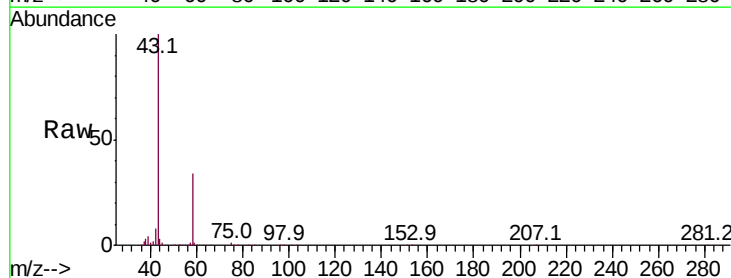
Acq: 28 Oct 2020 11:07

Tgt Ion: 43 Resp: 367334

Ion Ratio Lower Upper

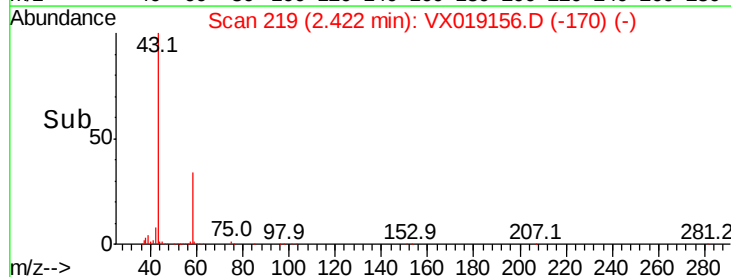
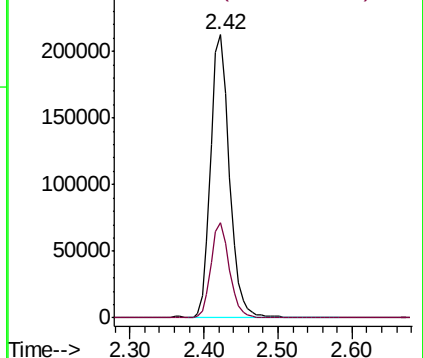
43 100

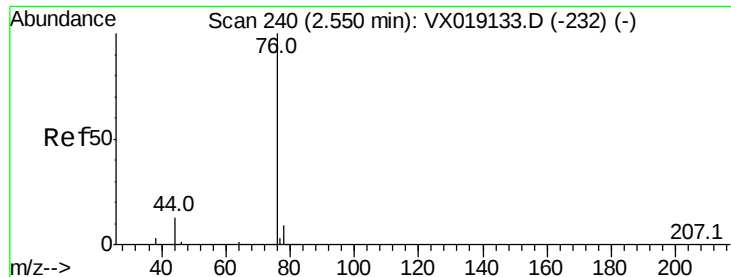
58 33.7 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 50.349 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019156.D

Acq: 28 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampled :

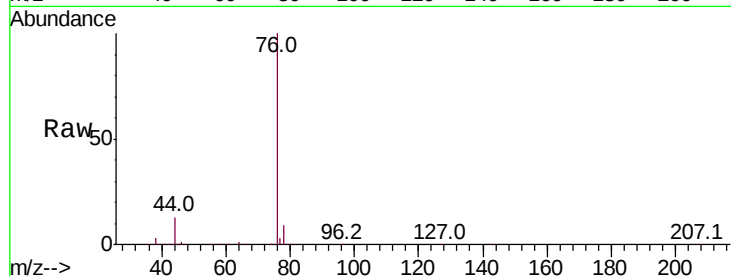
VSTDCCC050

Tot Ion: 76 Resp: 389826

Ion Ratio Lower Upper

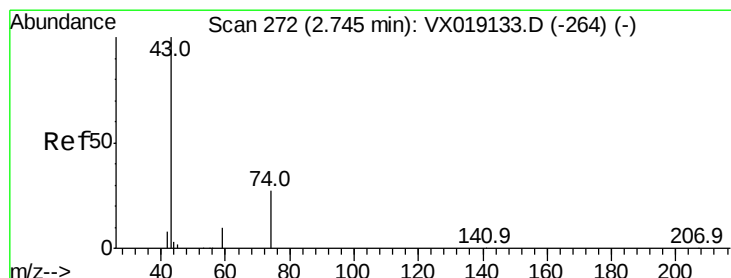
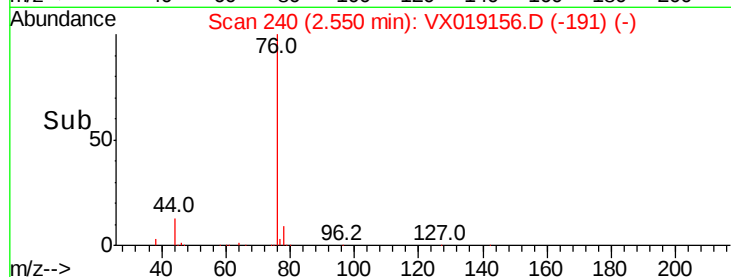
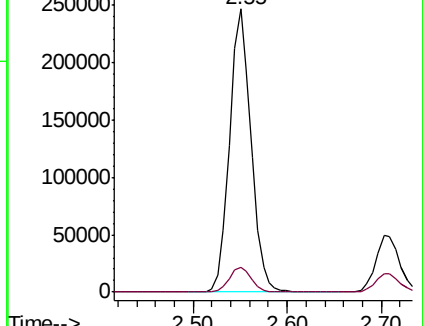
76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 51.995 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX019156.D

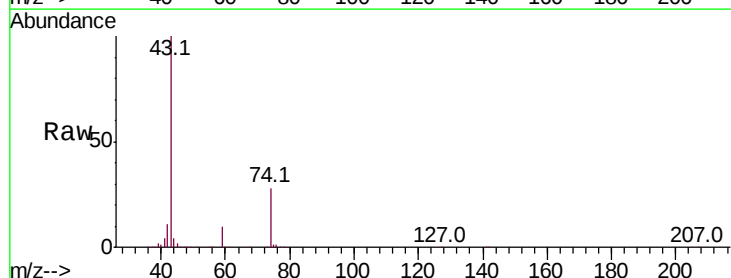
Acq: 28 Oct 2020 11:07

Tgt Ion: 43 Resp: 157627

Ion Ratio Lower Upper

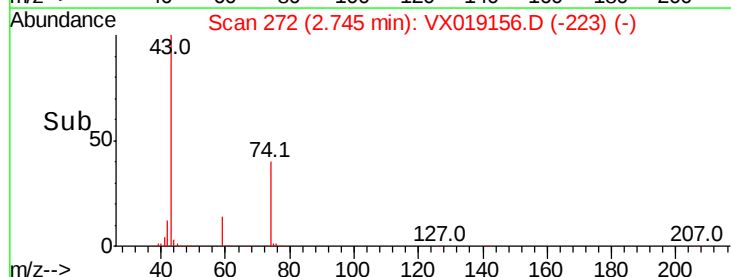
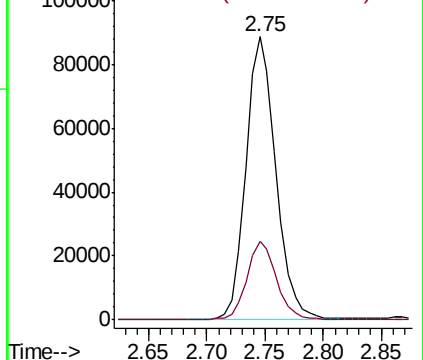
43 100

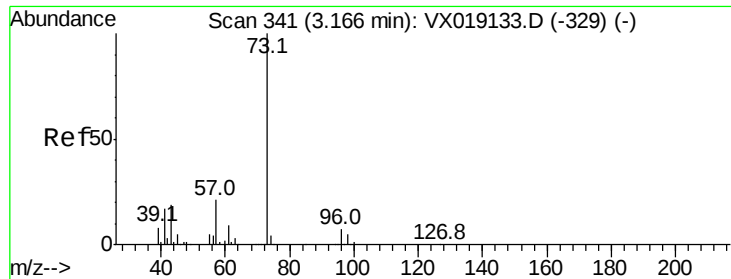
74 28.1 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

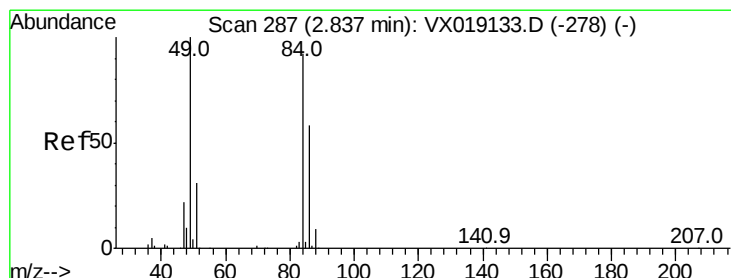
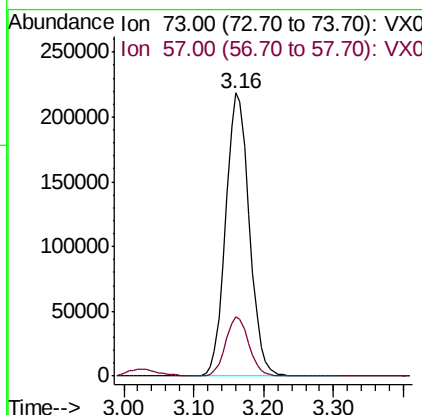
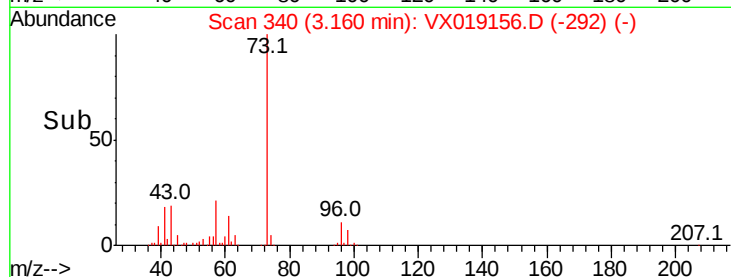
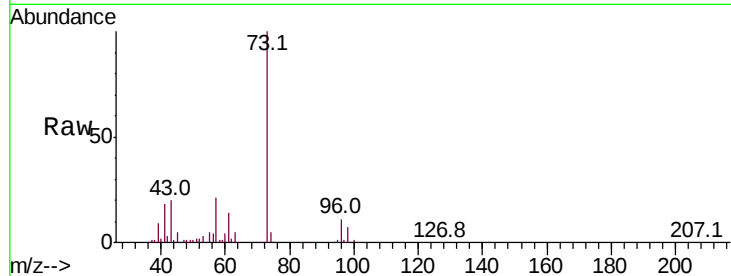




#19
Methvl tert-butvl Ether
Concen: 54.331 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX019156.D
Acq: 28 Oct 2020 11:07

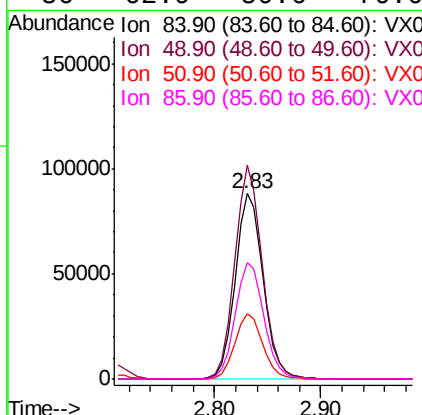
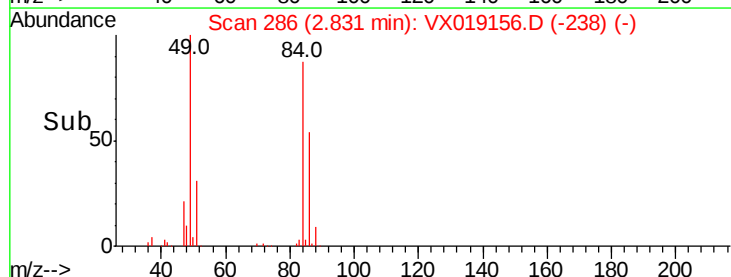
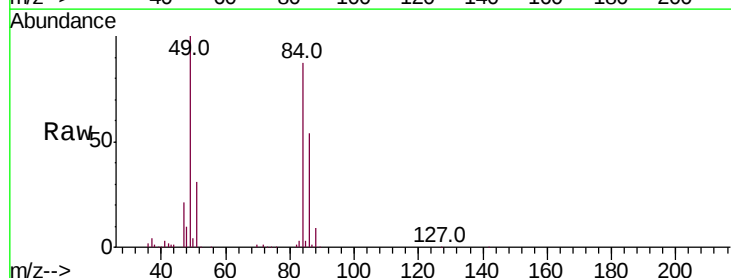
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

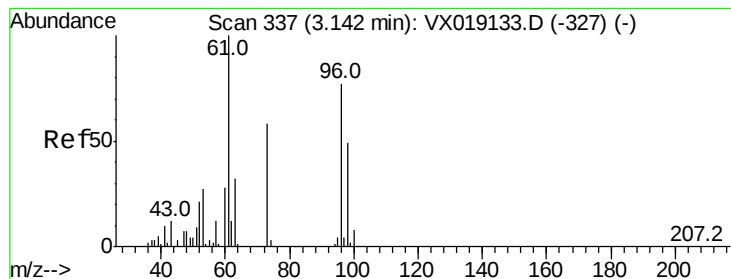
Tot Ion: 73 Resp: 511271
Ion Ratio Lower Upper
73 100
57 21.1 16.6 25.0



#20
Methylene Chloride
Concen: 51.744 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019156.D
Acq: 28 Oct 2020 11:07

Tgt Ion: 84 Resp: 161952
Ion Ratio Lower Upper
84 100
49 115.4 86.8 130.2
51 35.5 27.3 40.9
86 62.9 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 51.347 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019156.D

Acq: 28 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

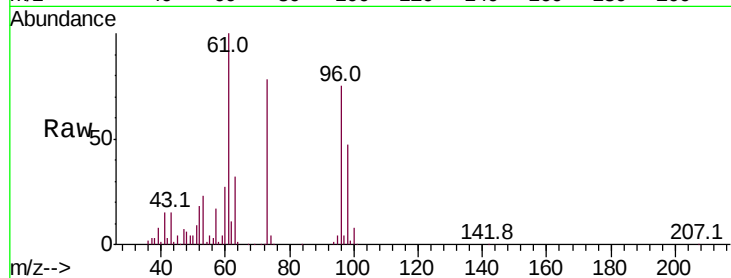
Tot Ion: 96 Resp: 160499

Ion Ratio Lower Upper

96 100

61 133.4 104.2 156.4

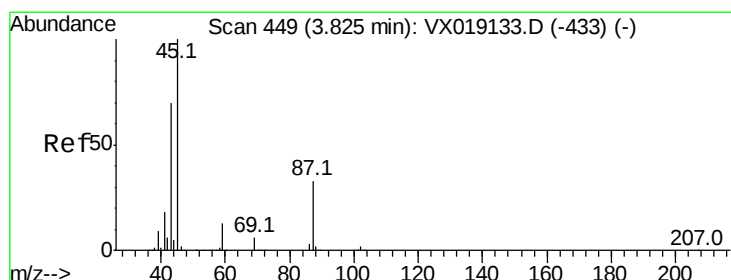
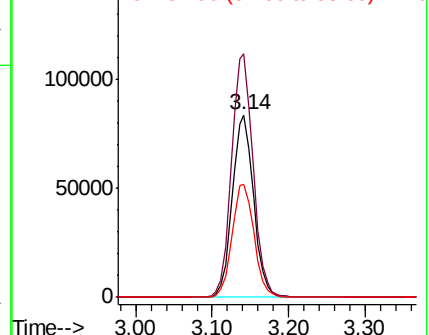
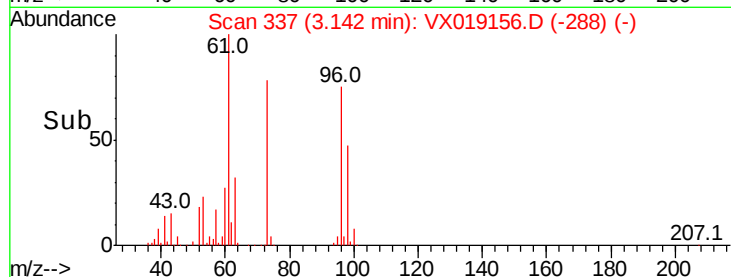
98 62.1 51.3 76.9



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: 56.113 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX019156.D

Acq: 28 Oct 2020 11:07

Tgt Ion: 45 Resp: 460184

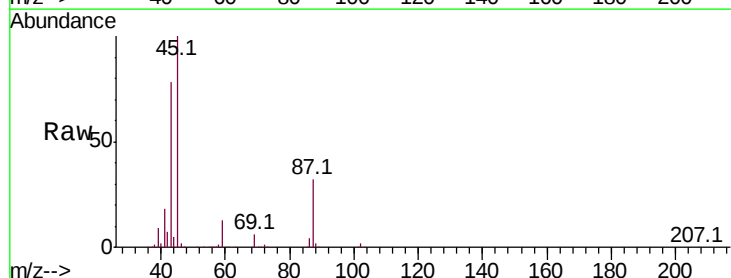
Ion Ratio Lower Upper

45 100

43 77.8 56.2 84.4

87 32.4 26.2 39.2

59 12.7 10.1 15.1

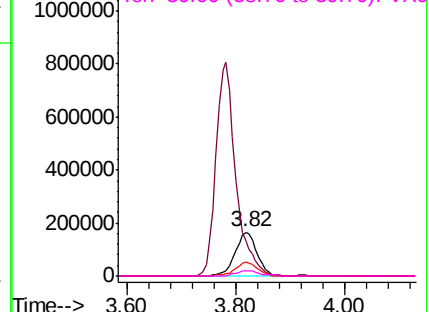
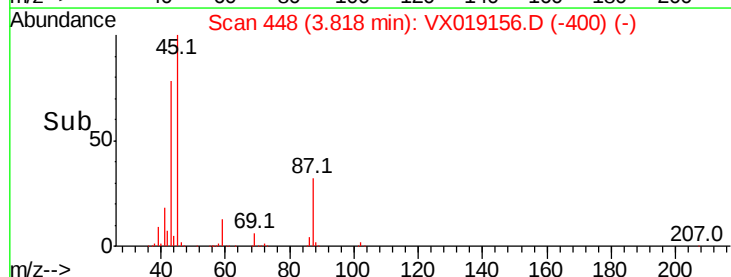


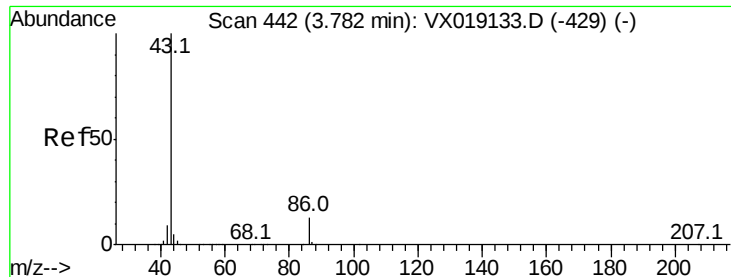
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 279.237 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019156.D

Acq: 28 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

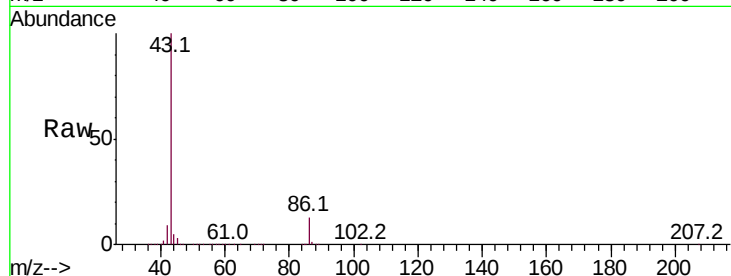
VSTDCCC050

Tot Ion: 43 Resp: 2042170

Ion Ratio Lower Upper

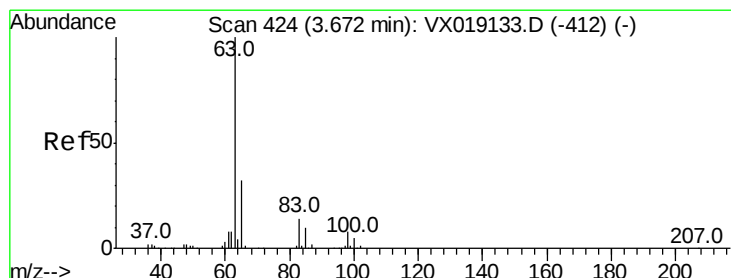
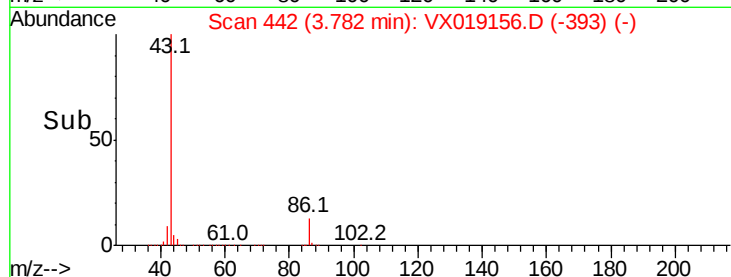
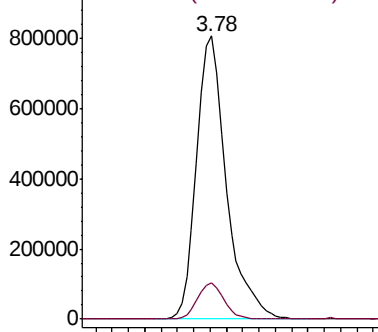
43 100

86 12.6 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 54.372 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019156.D

Acq: 28 Oct 2020 11:07

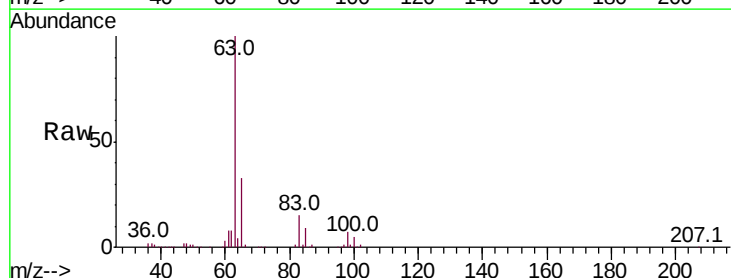
Tgt Ion: 63 Resp: 278411

Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.4

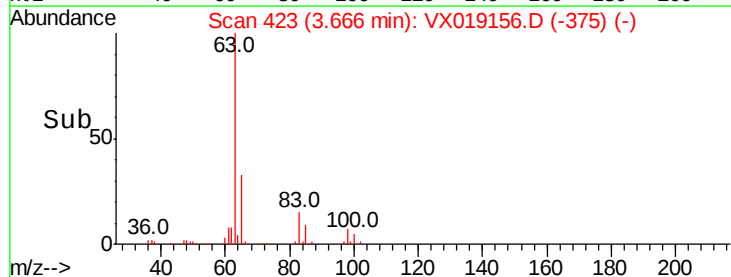
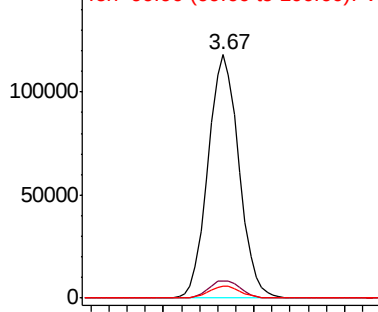
100 4.7 2.4 7.2

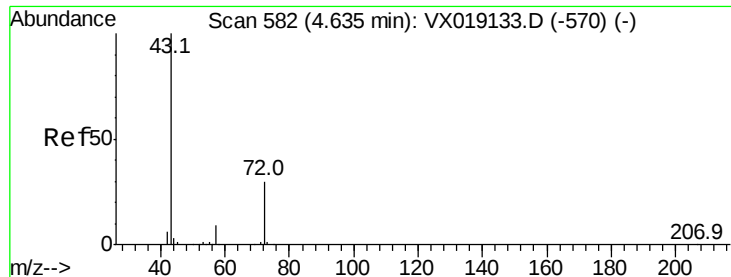


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 284.496 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX019156.D

Acq: 28 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

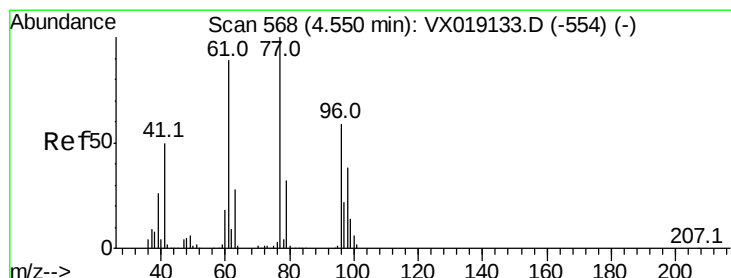
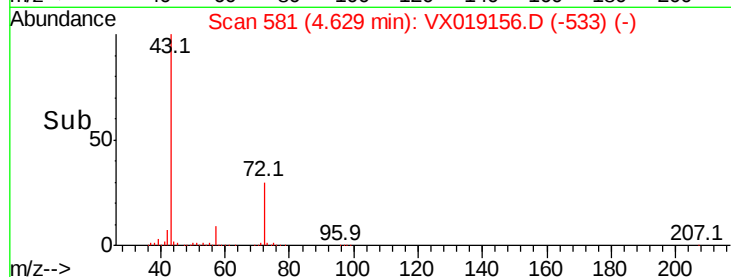
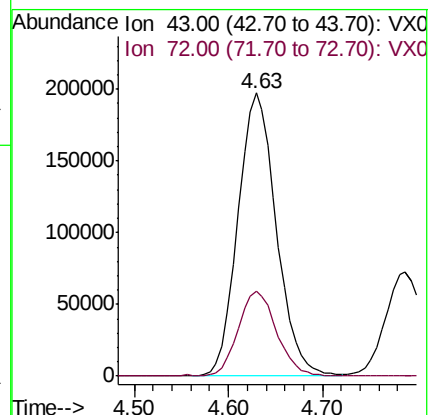
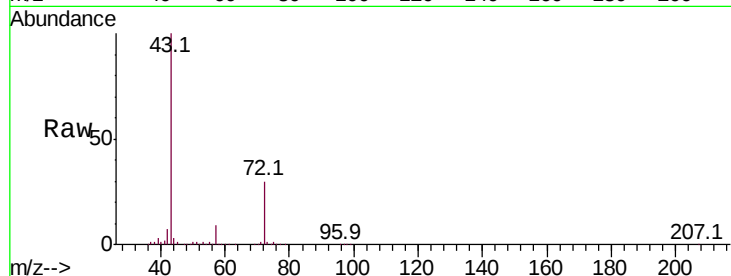
VSTDCCC050

Tot Ion: 43 Resp: 558974

Ion Ratio Lower Upper

43 100

72 30.0 24.6 36.8



#26

2,2-Dichloropropane

Concen: 54.843 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX019156.D

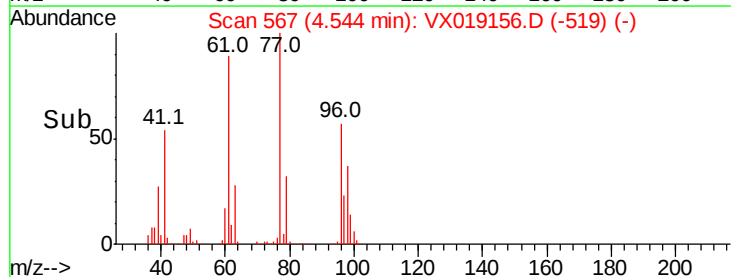
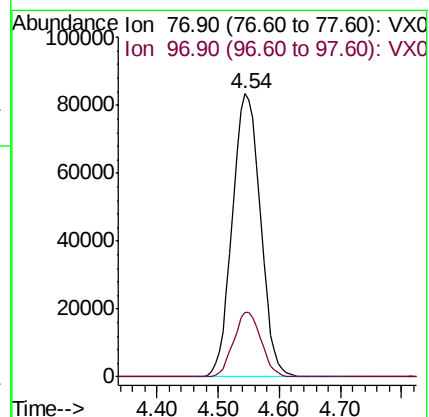
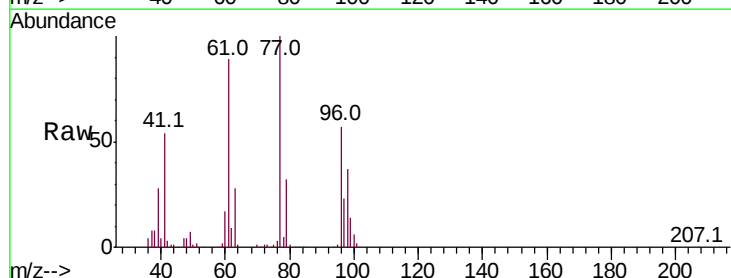
Acq: 28 Oct 2020 11:07

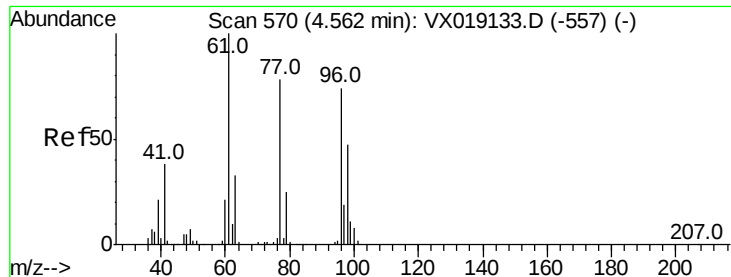
Tgt Ion: 77 Resp: 263999

Ion Ratio Lower Upper

77 100

97 22.3 11.4 34.1



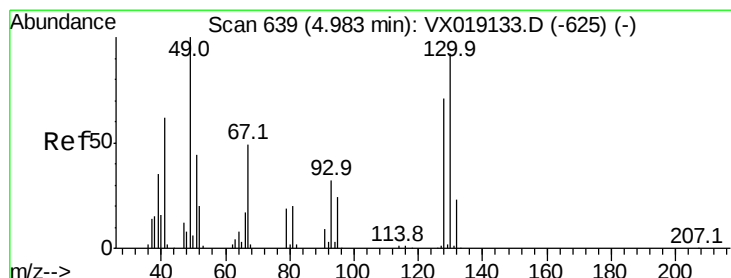
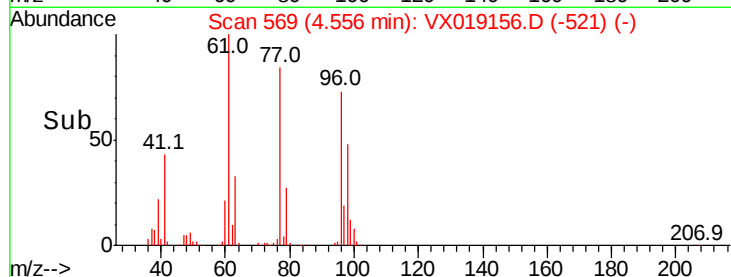
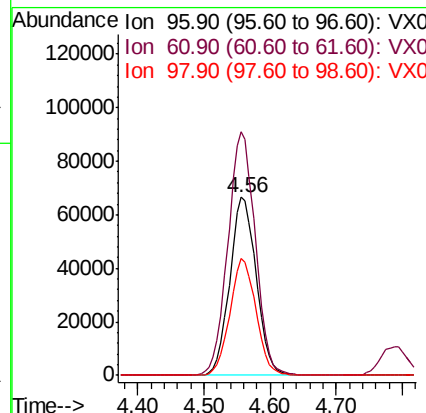
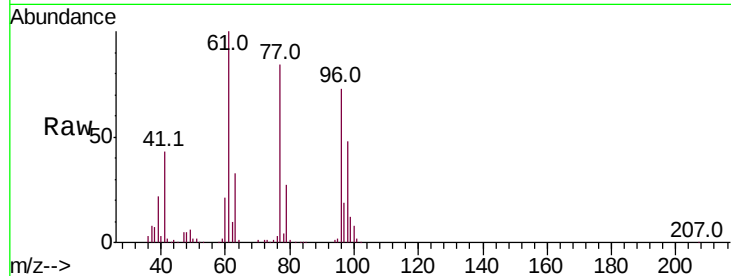


#27

cis-1,2-Dichloroethene
Concen: 52.797 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX019156.D
Acq: 28 Oct 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

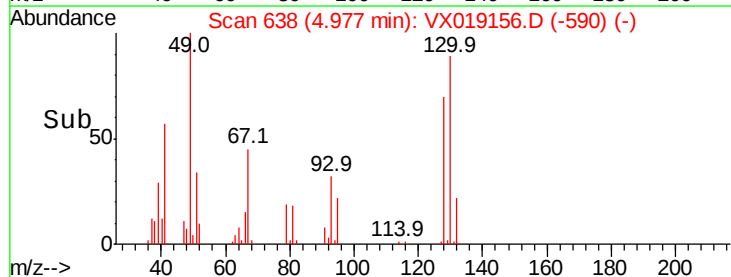
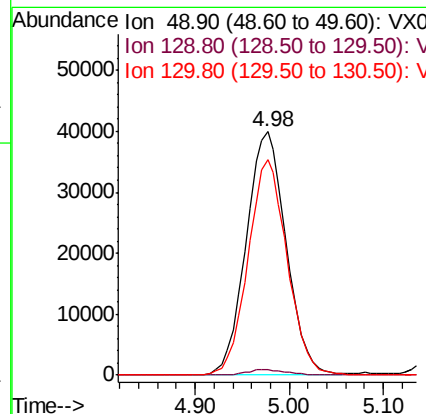
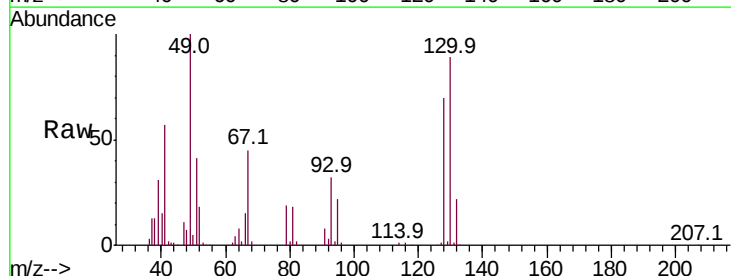
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.9	0.0	278.8
98	64.6	0.0	130.2

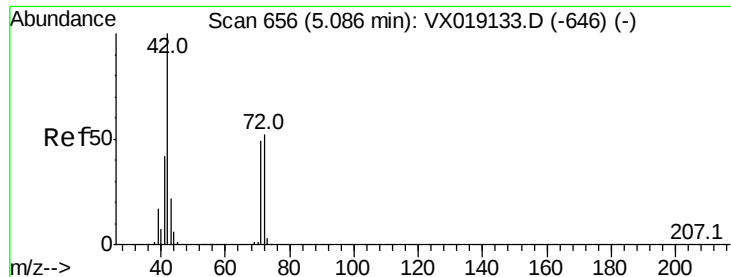


#28

Bromochloromethane
Concen: 51.018 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX019156.D
Acq: 28 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	86.6	71.3	106.9





#29

Tetrahydrofuran

Concen: 274.091 ug/l

RT: 5.08 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX019156.D

Acq: 28 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

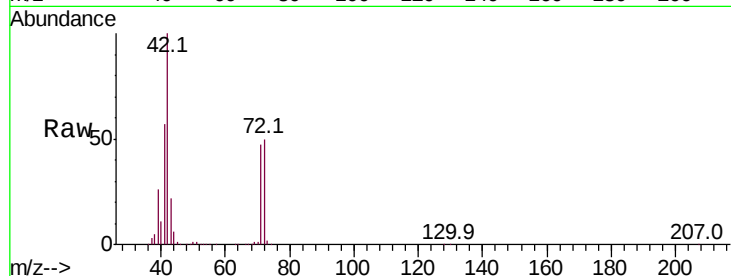
Tot Ion: 42 Resp: 339378

Ion Ratio Lower Upper

42 100

72 52.1 42.6 63.8

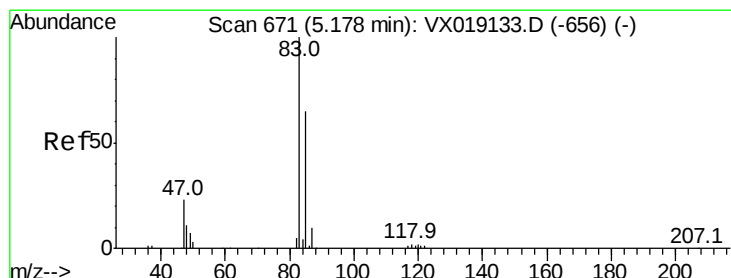
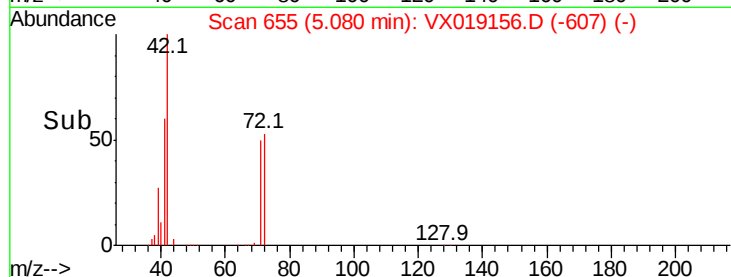
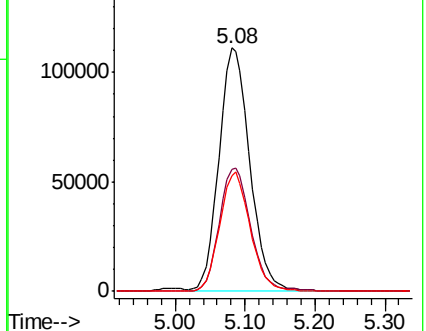
71 48.6 39.7 59.5



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 54.016 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX019156.D

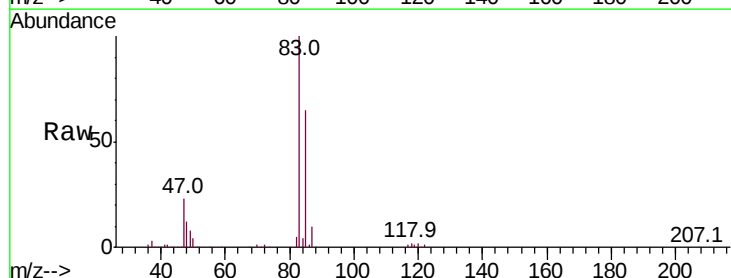
Acq: 28 Oct 2020 11:07

Tgt Ion: 83 Resp: 294403

Ion Ratio Lower Upper

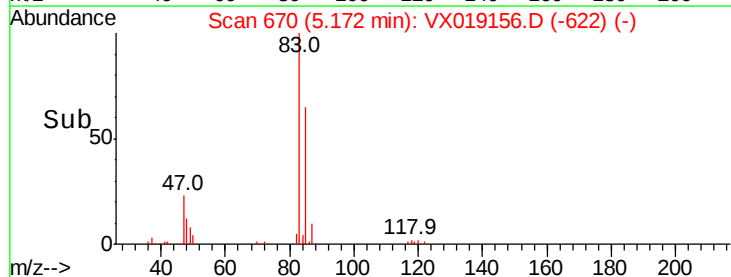
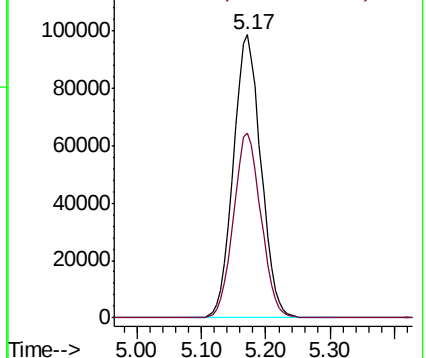
83 100

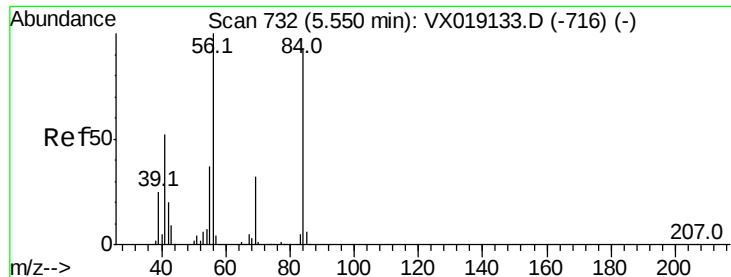
85 65.5 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

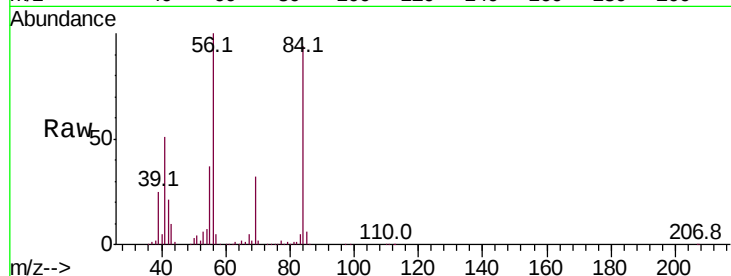




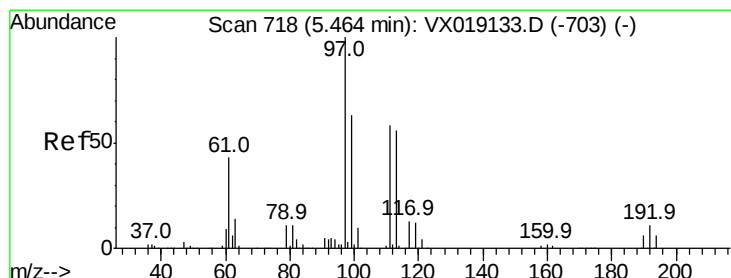
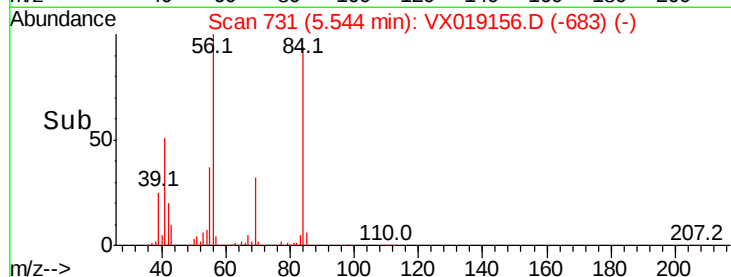
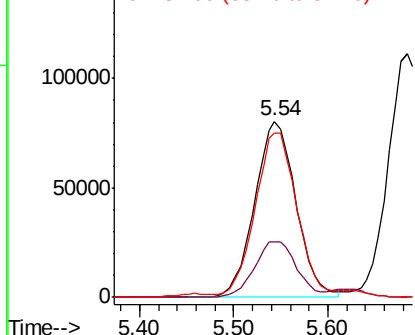
#31
Cvclohexane
Concen: 53.804 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX019156.D
Acq: 28 Oct 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 245779
Ion Ratio Lower Upper
56 100
69 31.7 25.9 38.9
84 91.6 73.4 110.2

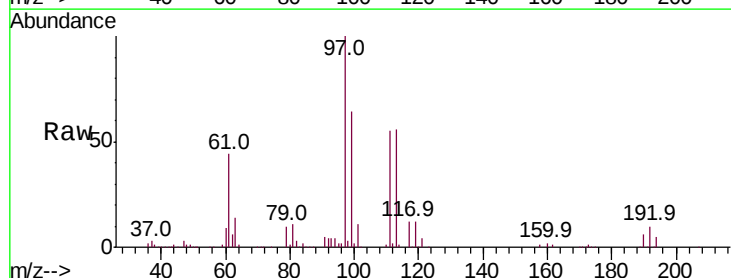


Abundance Ion 56.00 (55.70 to 56.70): VX0
150000 Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

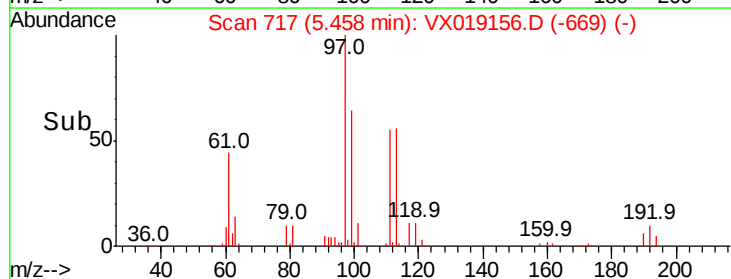
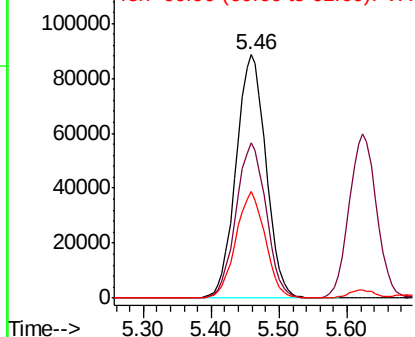


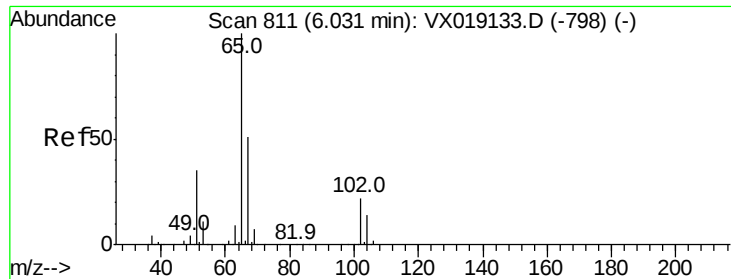
#32
1,1,1-Trichloroethane
Concen: 54.657 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX019156.D
Acq: 28 Oct 2020 11:07

Tgt Ion: 97 Resp: 270083
Ion Ratio Lower Upper
97 100
99 64.2 51.7 77.5
61 43.1 34.2 51.2



Abundance Ion 96.90 (96.60 to 97.60): VX0
120000 Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.031 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019156.D

Acq: 28 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

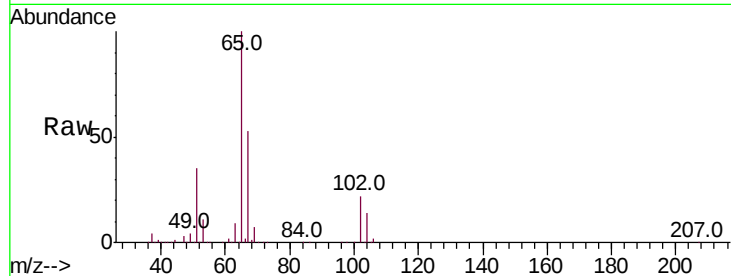
VSTDCCC050

Tot Ion: 65 Resp: 169958

Ion Ratio Lower Upper

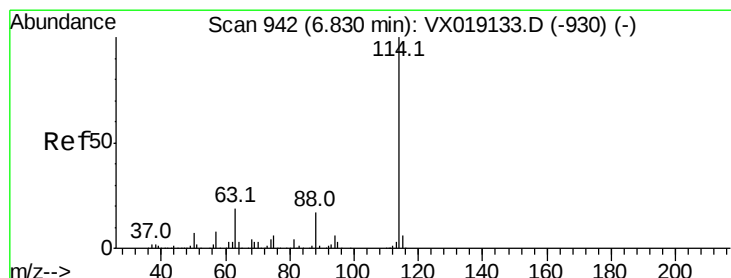
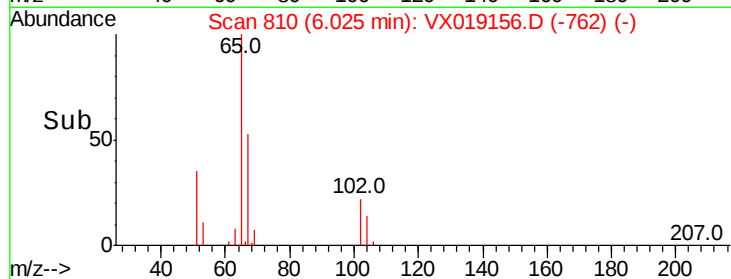
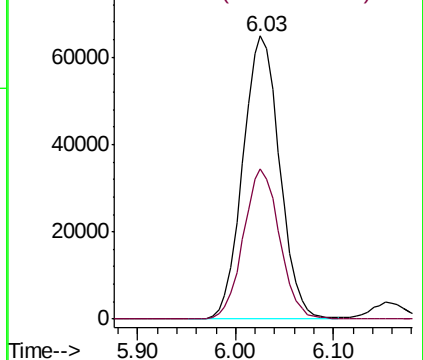
65 100

67 52.2 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019156.D

Acq: 28 Oct 2020 11:07

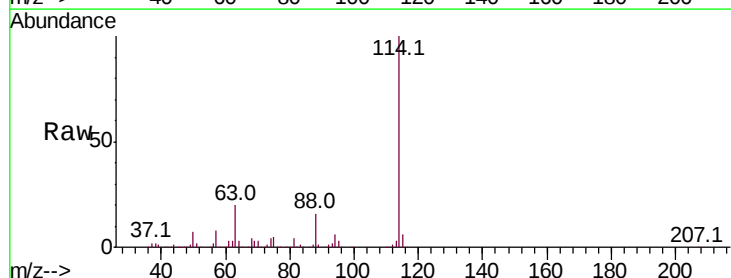
Tgt Ion: 114 Resp: 455839

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.8

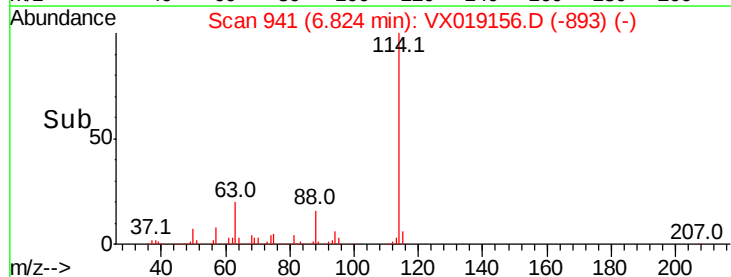
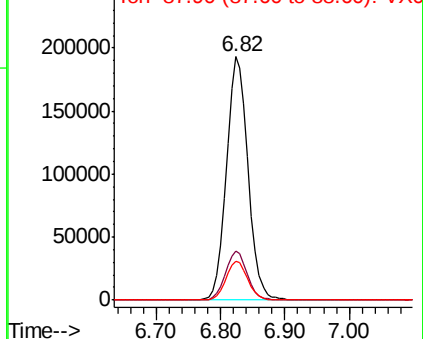
88 16.0 0.0 34.2

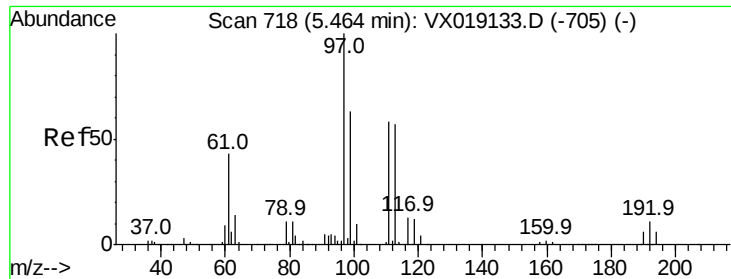


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

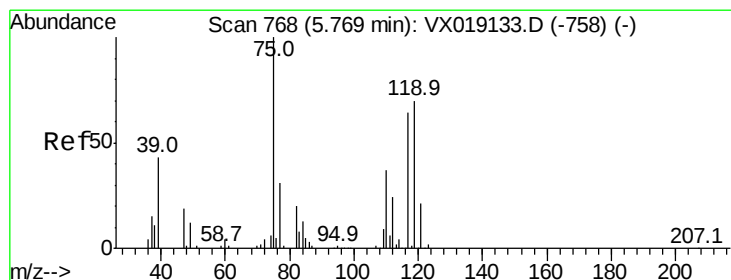
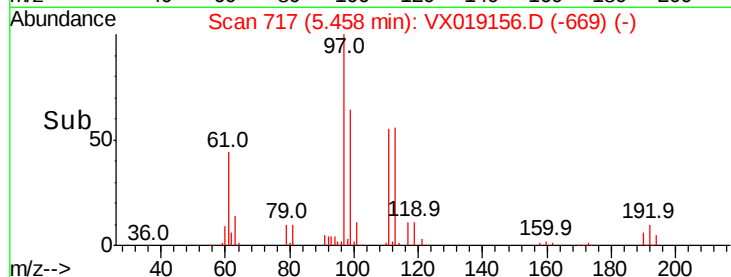
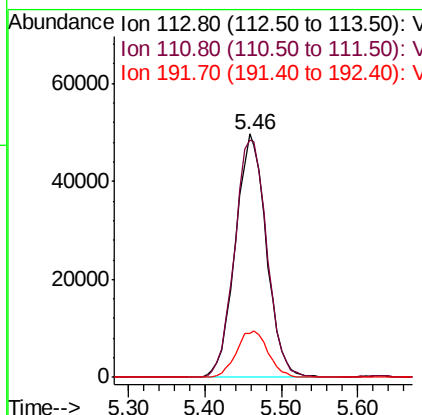
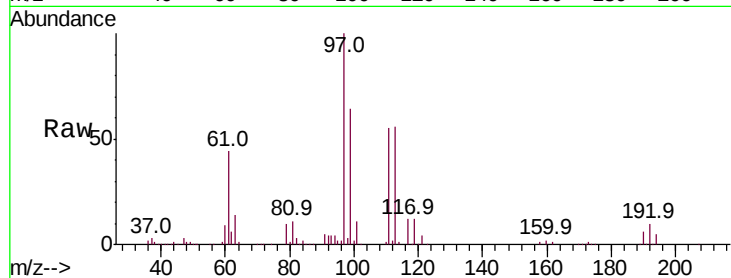




#35
 Dibromofluoromethane
 Concen: 48.721 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX019156.D
 Acq: 28 Oct 2020 11:07

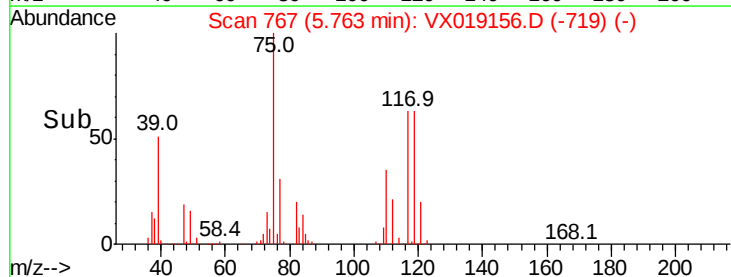
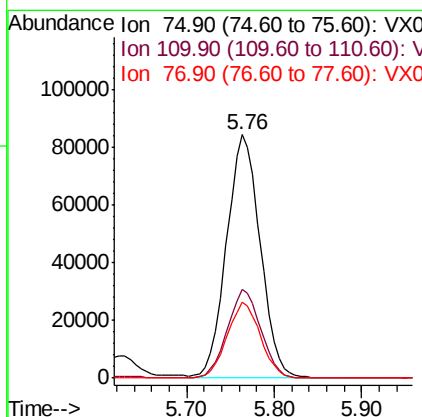
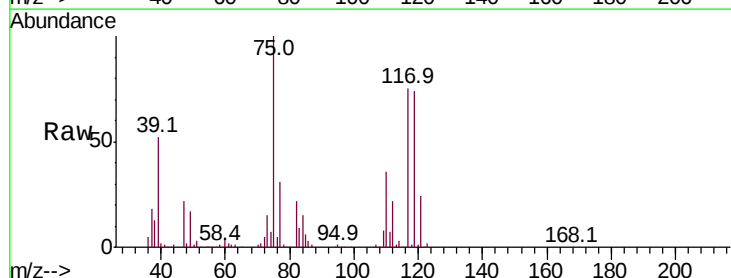
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

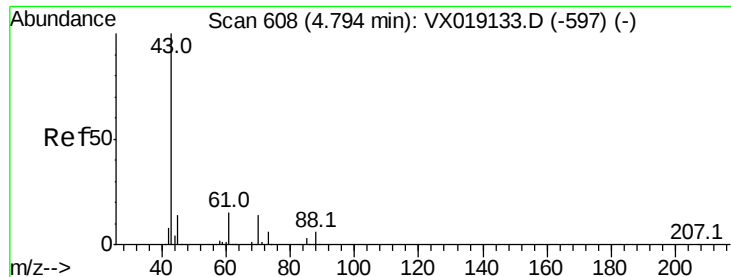
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.3	123.5
192	19.6	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 53.505 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX019156.D
 Acq: 28 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	18.3	54.9
77	30.8	24.9	37.3

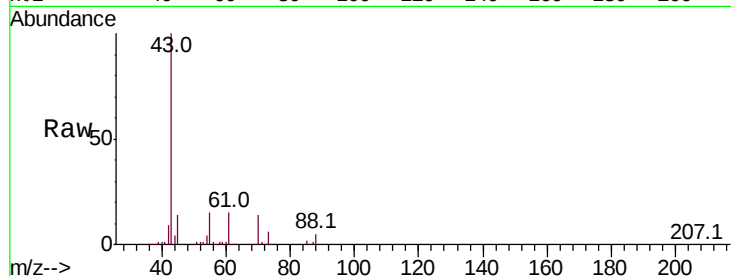




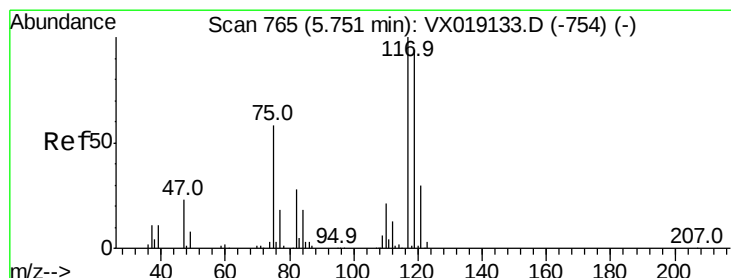
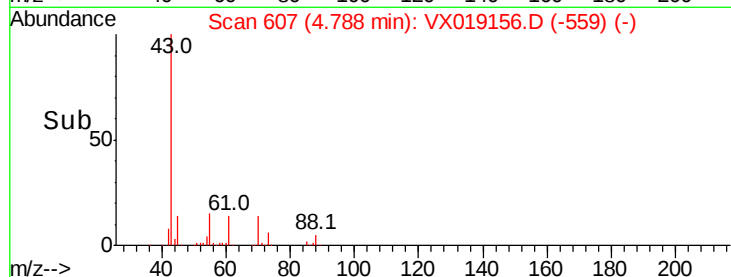
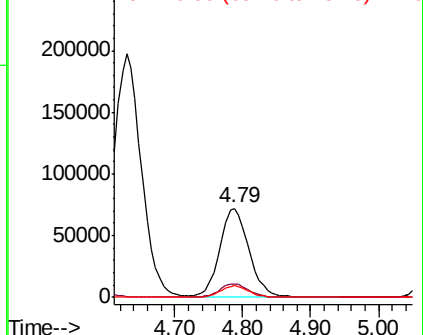
#37
Ethyl Acetate
Concen: 54.547 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019156.D
Acq: 28 Oct 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 213182
Ion Ratio Lower Upper
43 100
61 15.0 12.5 18.7
70 12.7 10.5 15.7

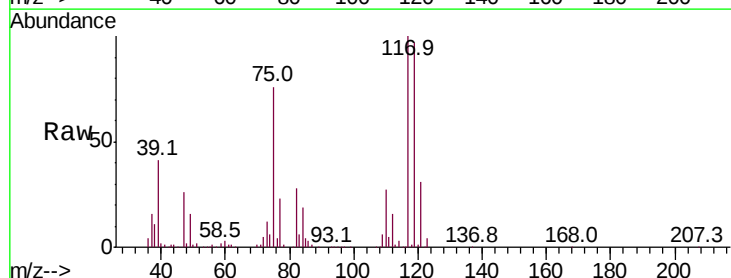


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

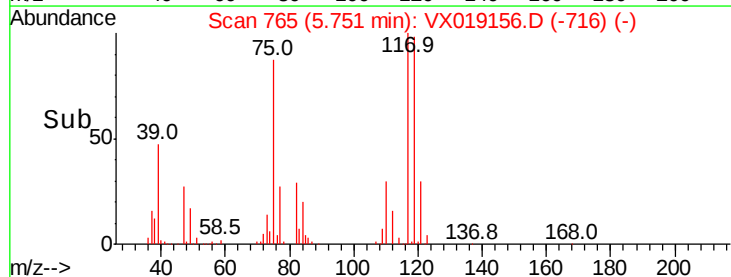
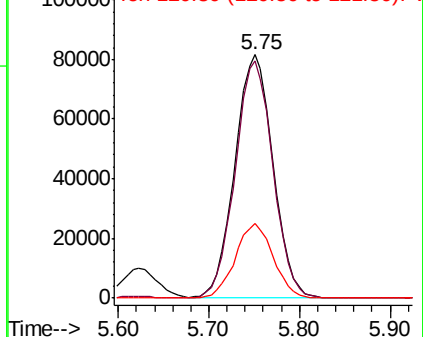


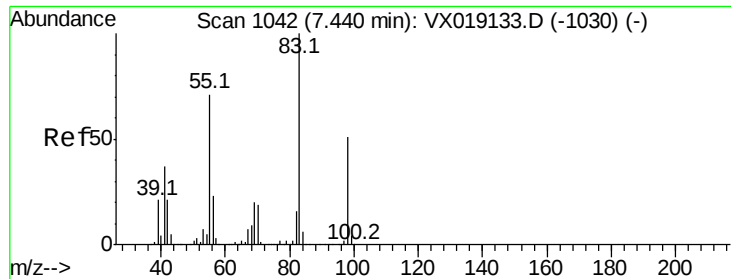
#38
Carbon Tetrachloride
Concen: 55.230 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019156.D
Acq: 28 Oct 2020 11:07

Tgt Ion: 117 Resp: 236968
Ion Ratio Lower Upper
117 100
119 97.5 75.0 112.6
121 30.6 23.9 35.9



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

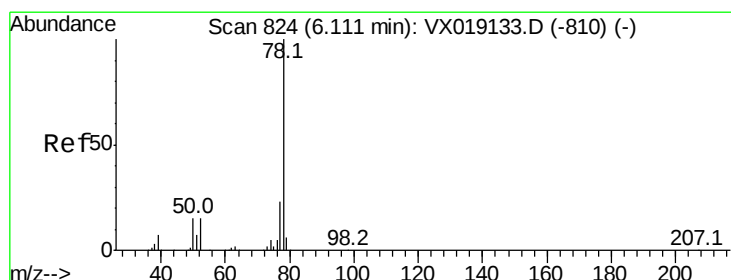
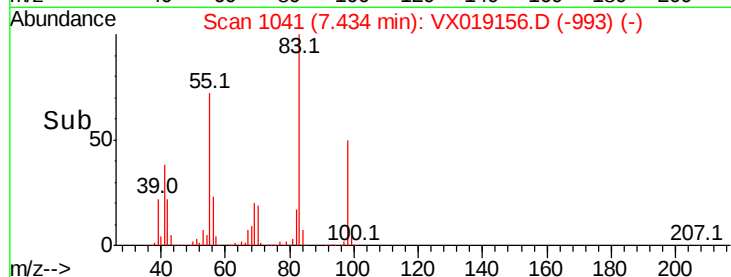
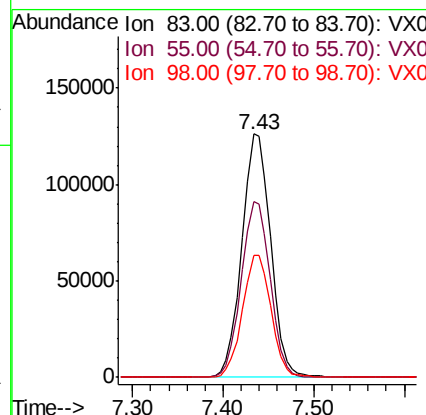
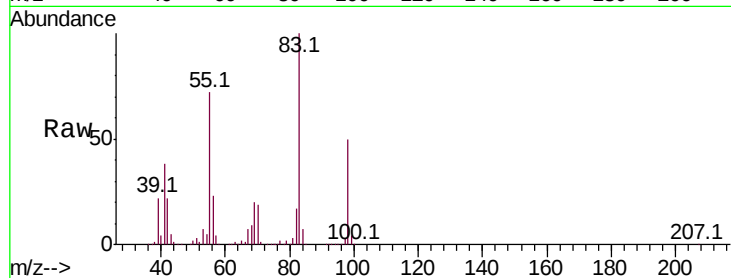




#39
Methvlcvclohexane
Concen: 55.336 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019156.D
Acq: 28 Oct 2020 11:07

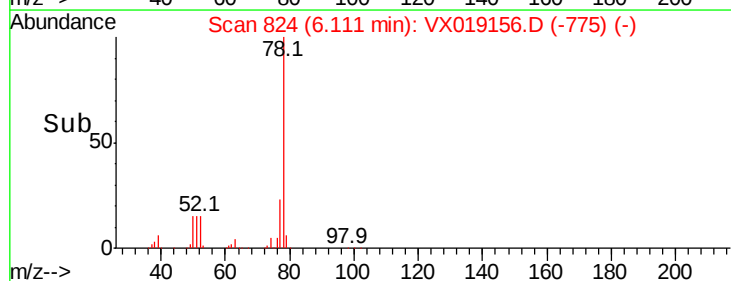
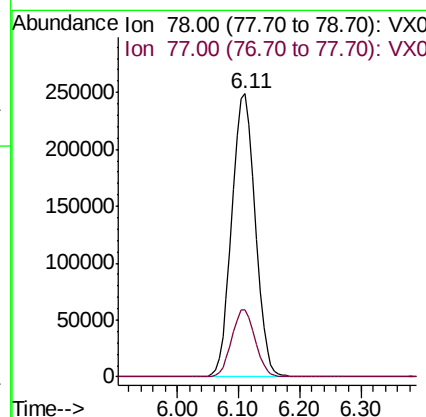
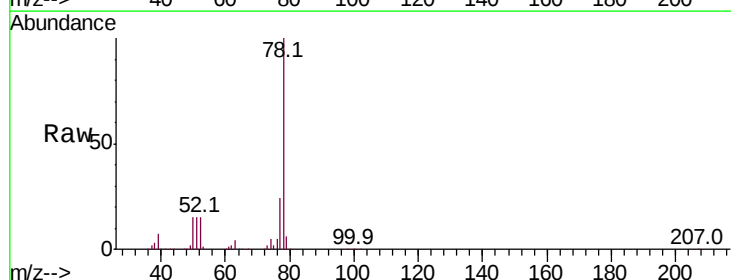
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

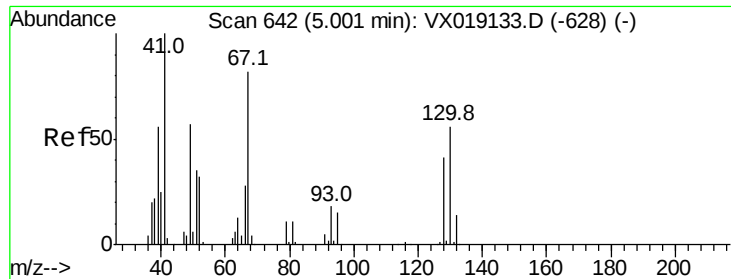
Tot Ion: 83 Resp: 278512
Ion Ratio Lower Upper
83 100
55 71.9 57.0 85.6
98 50.0 40.5 60.7



#40
Benzene
Concen: 55.000 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019156.D
Acq: 28 Oct 2020 11:07

Tgt Ion: 78 Resp: 656414
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1





#41

Methacrylonitrile

Concen: 53.672 ug/l

RT: 4.99 min Scan# 641

Delta R.T. -0.01 min

Lab File: VX019156.D

Acq: 28 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 112965

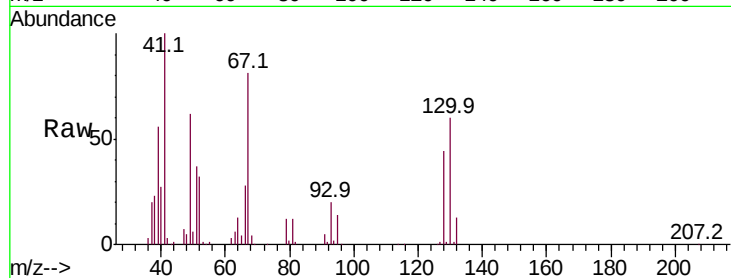
Ion Ratio Lower Upper

41 100

39 55.0 44.4 66.6

67 83.3 66.4 99.6

52 32.4 26.2 39.4

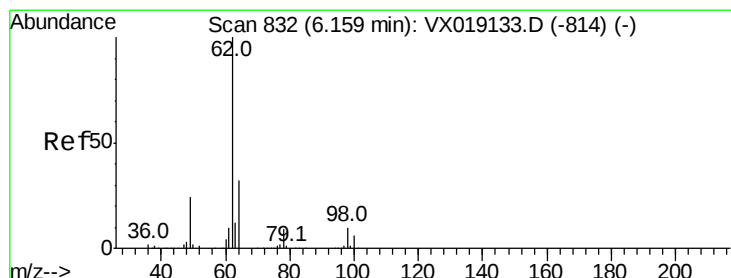
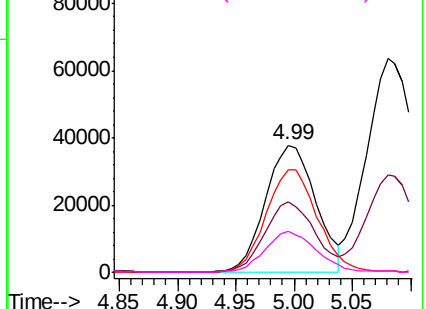
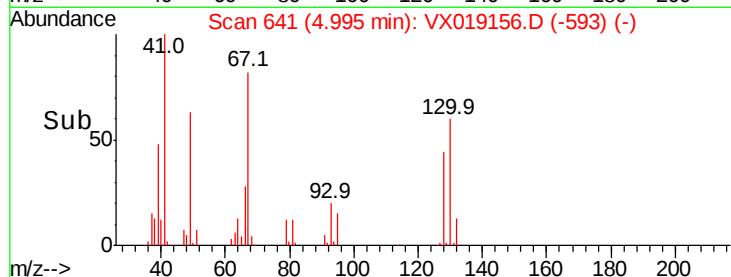


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 54.327 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX019156.D

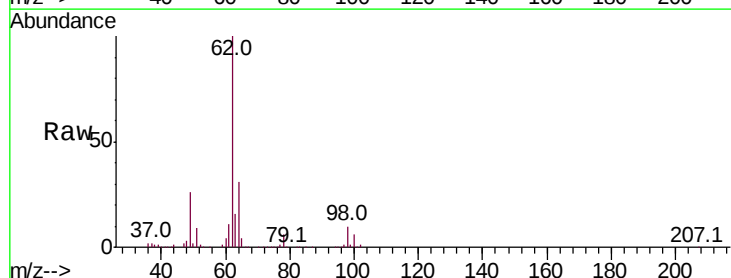
Acq: 28 Oct 2020 11:07

Tgt Ion: 62 Resp: 238959

Ion Ratio Lower Upper

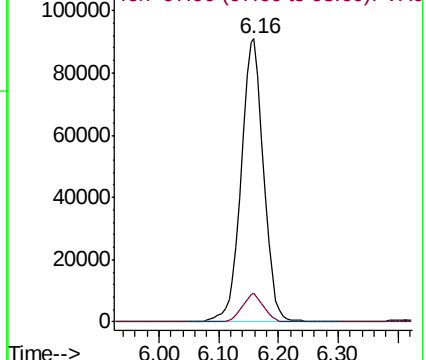
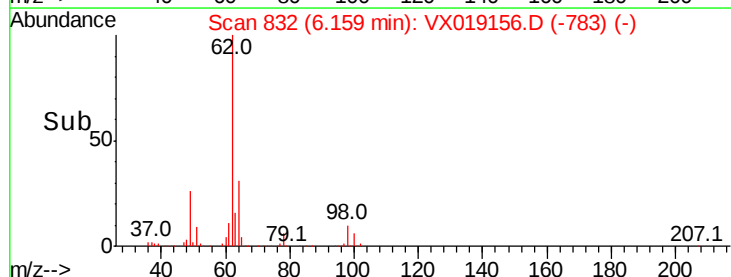
62 100

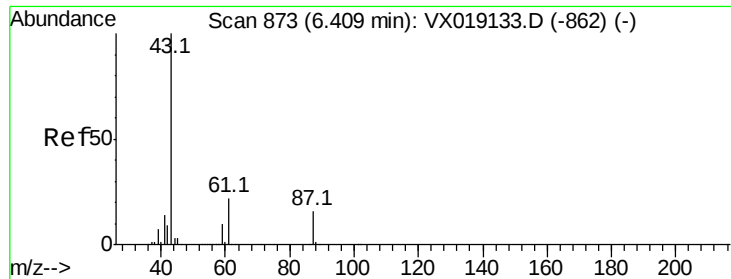
98 9.6 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 54.185 ug/l

RT: 6.40 min Scan# 872

Delta R.T. -0.01 min

Lab File: VX019156.D

Acq: 28 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

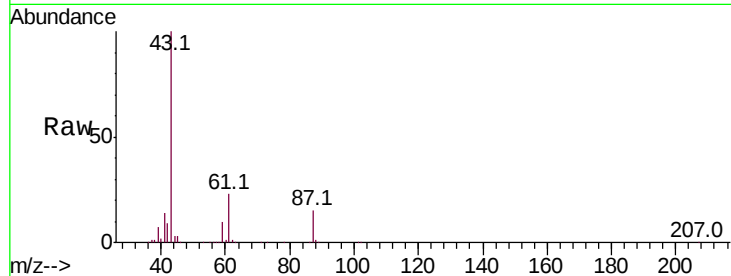
Tot Ion: 43 Resp: 354592

Ion Ratio Lower Upper

43 100

61 22.1 17.8 26.6

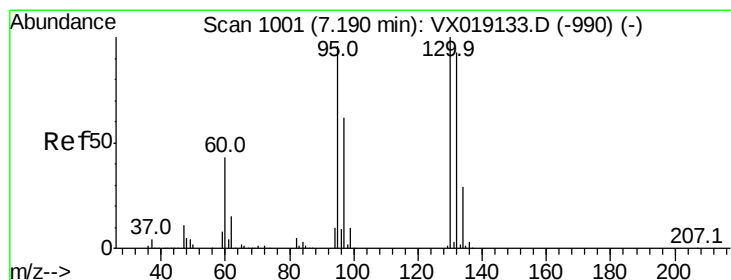
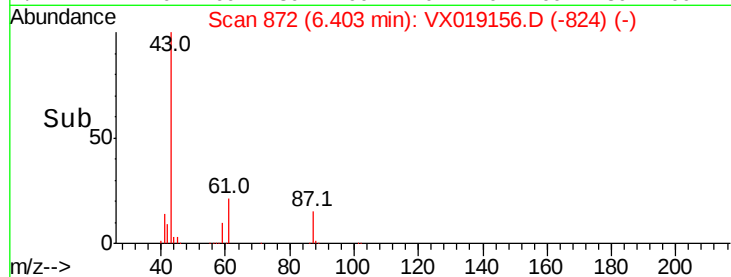
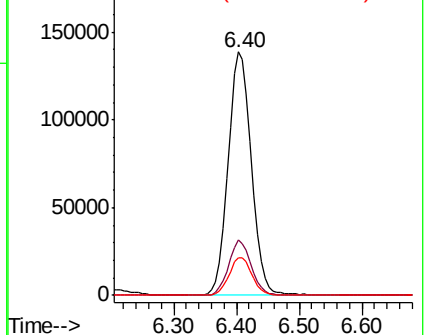
87 15.5 12.6 19.0



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: 52.607 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX019156.D

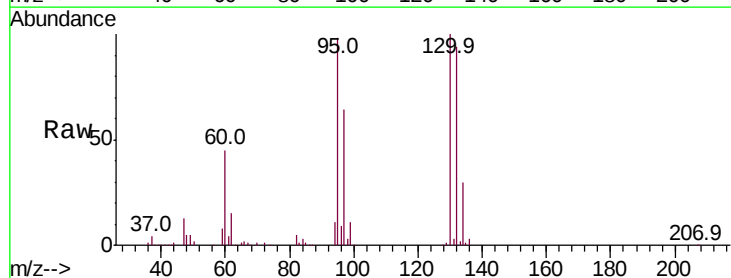
Acq: 28 Oct 2020 11:07

Tgt Ion:130 Resp: 179812

Ion Ratio Lower Upper

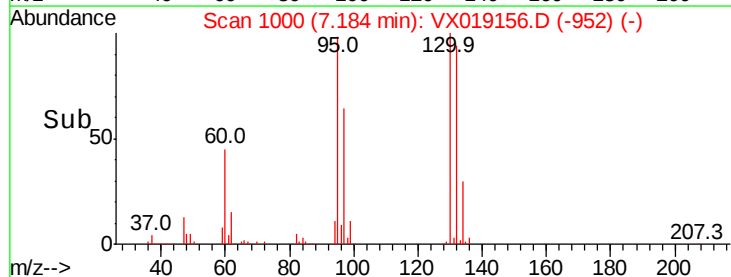
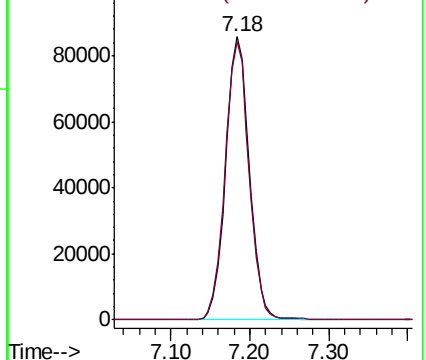
130 100

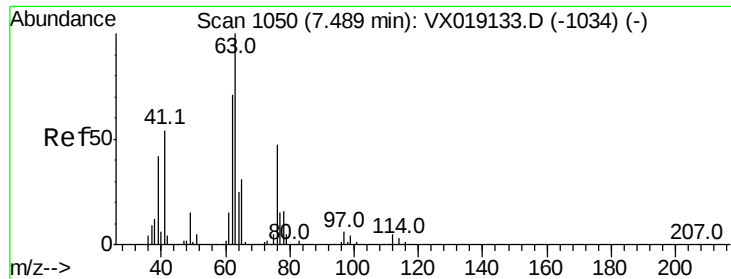
95 98.3 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

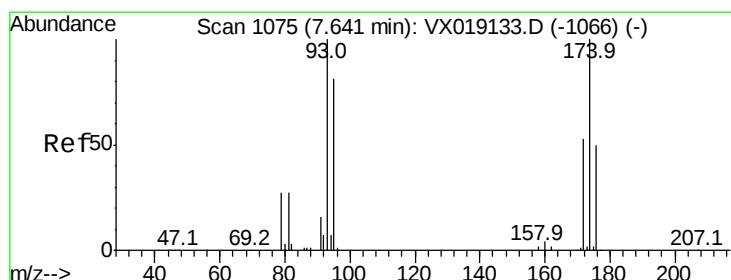
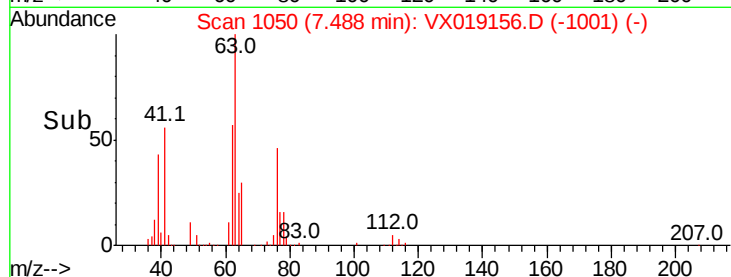
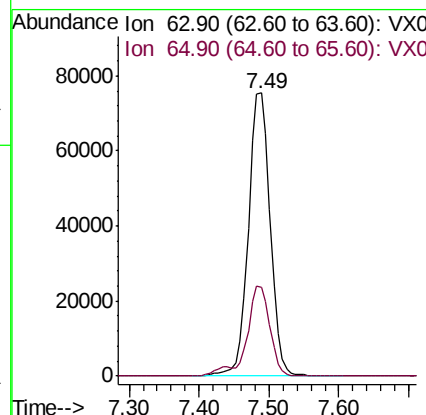
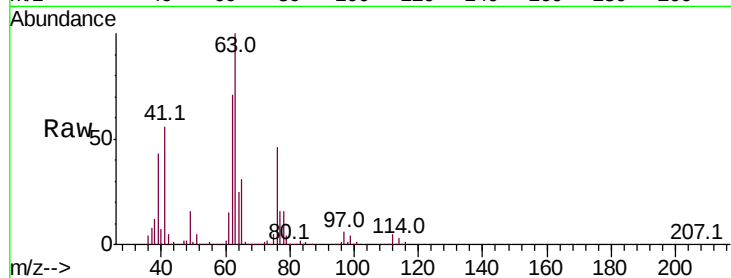




#45
 1,2-Dichloropropane
 Concen: 55.976 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX019156.D
 Acq: 28 Oct 2020 11:07

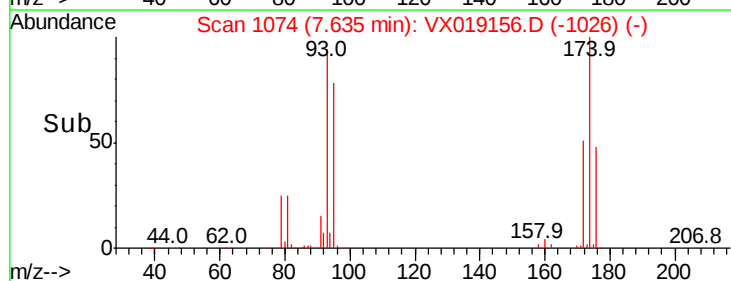
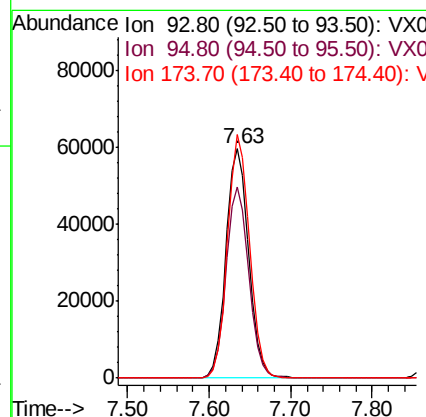
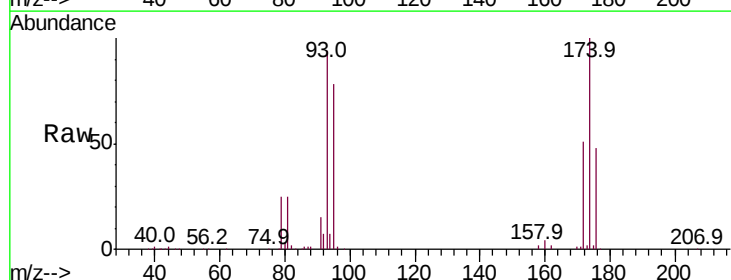
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

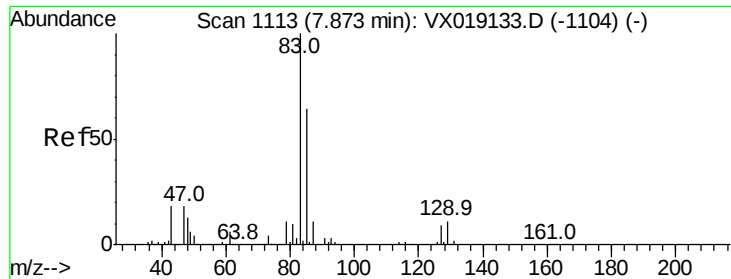
Tot Ion: 63 Resp: 163631
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.2 37.8



#46
 Dibromomethane
 Concen: 53.126 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX019156.D
 Acq: 28 Oct 2020 11:07

Tgt Ion: 93 Resp: 114839
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.0 100.6
 174 103.1 81.7 122.5





#47

Bromodichloromethane

Concen: 55.406 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019156.D

Acq: 28 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

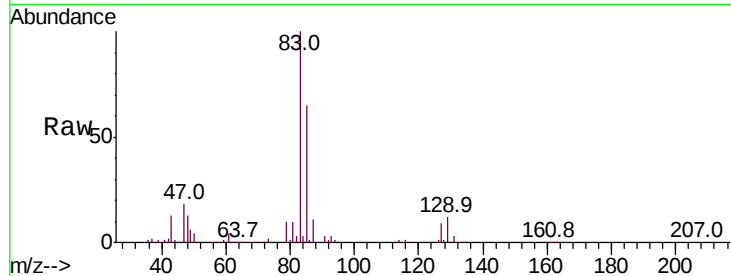
Tot Ion: 83 Resp: 236069

Ion Ratio Lower Upper

83 100

85 65.2 51.2 76.8

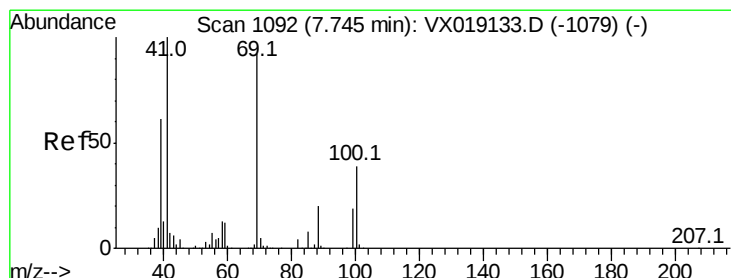
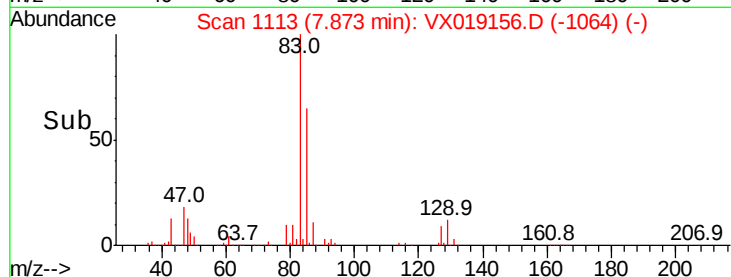
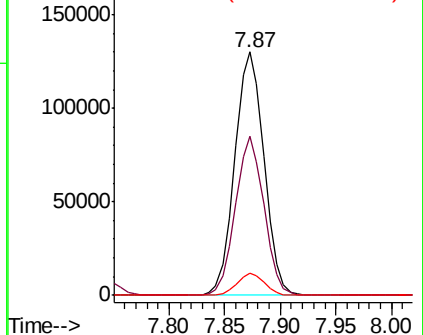
127 9.0 7.1 10.7



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: 55.644 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019156.D

Acq: 28 Oct 2020 11:07

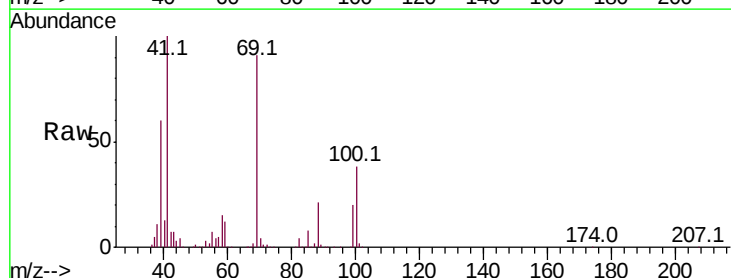
Tgt Ion: 41 Resp: 175265

Ion Ratio Lower Upper

41 100

69 91.7 75.5 113.3

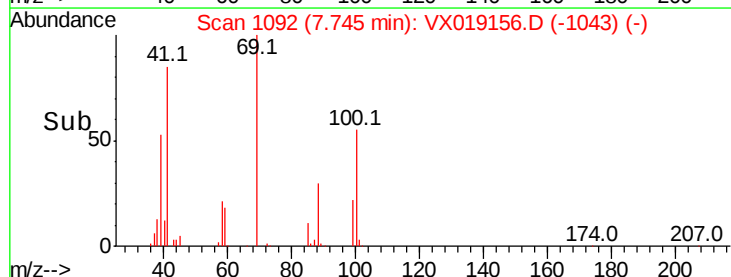
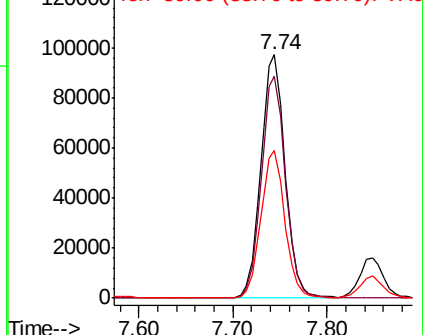
39 60.2 48.9 73.3

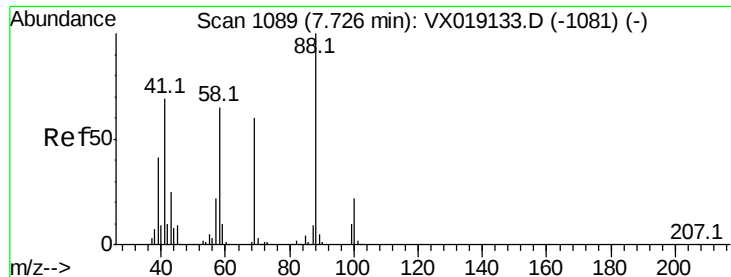


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1069.332 ug/l

RT: 7.73 min Scan# 1090

Delta R.T. 0.01 min

Lab File: VX019156.D

Acq: 28 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

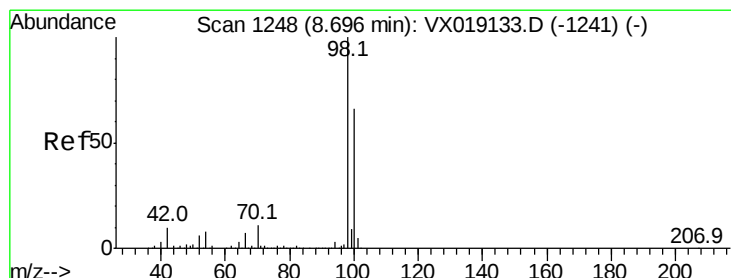
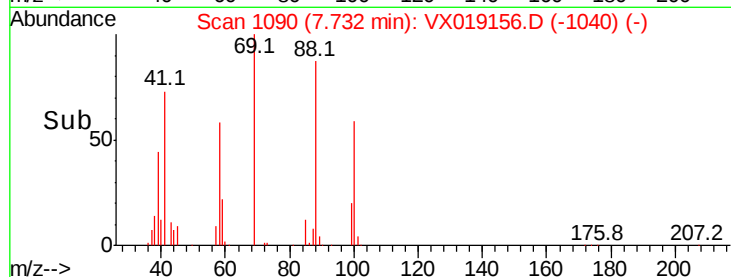
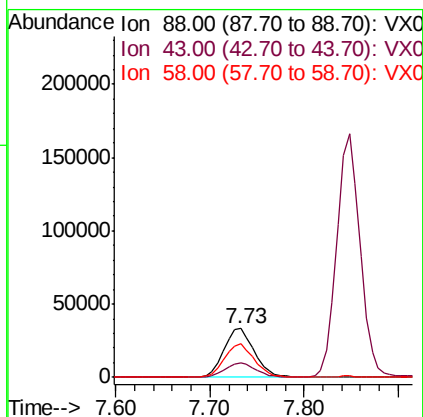
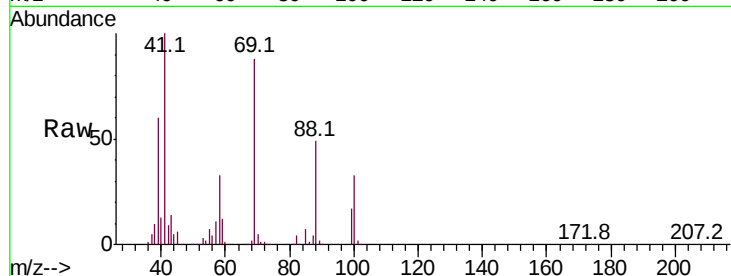
Tot Ion: 88 Resp: 74903

Ion Ratio Lower Upper

88 100

43 29.2 23.0 34.6

58 67.4 52.2 78.2



#50

Toluene-d8

Concen: 48.357 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019156.D

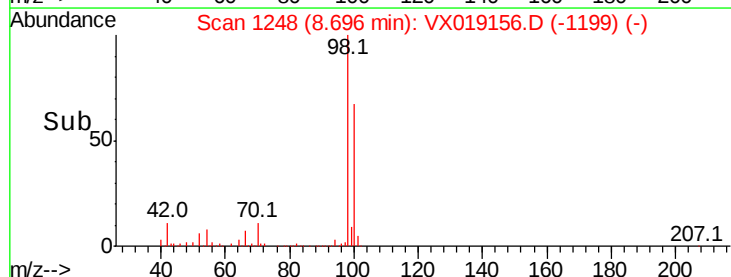
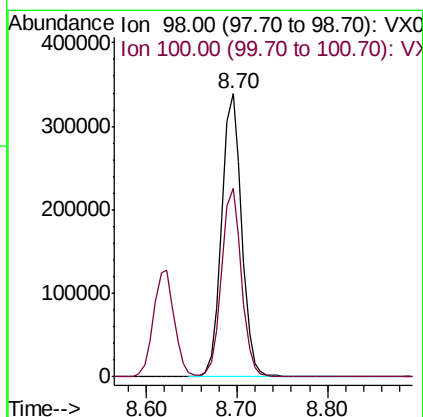
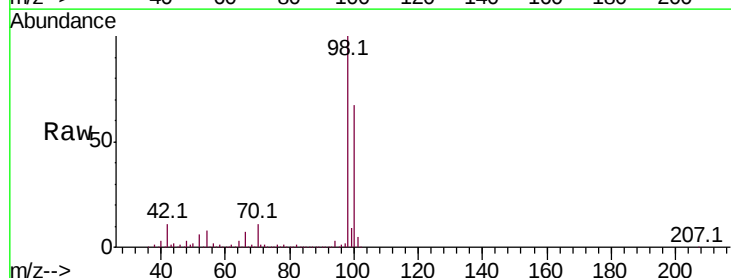
Acq: 28 Oct 2020 11:07

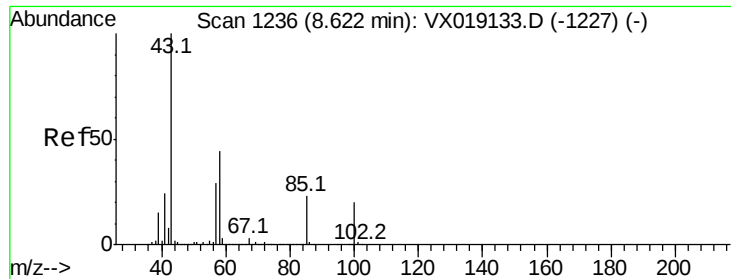
Tgt Ion: 98 Resp: 521943

Ion Ratio Lower Upper

98 100

100 66.3 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 279.797 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX019156.D

Acq: 28 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

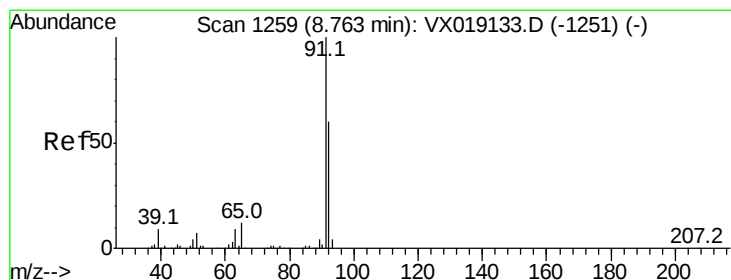
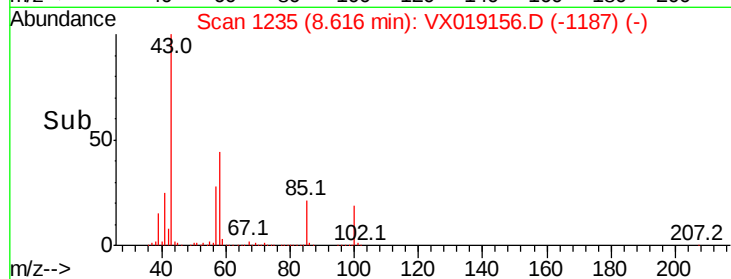
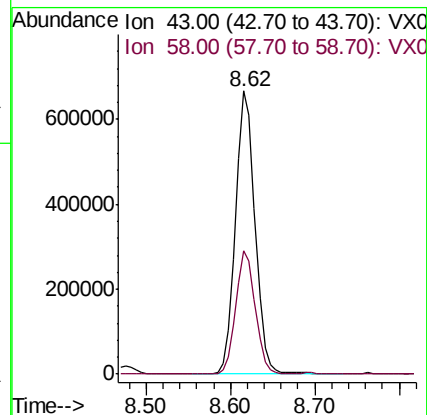
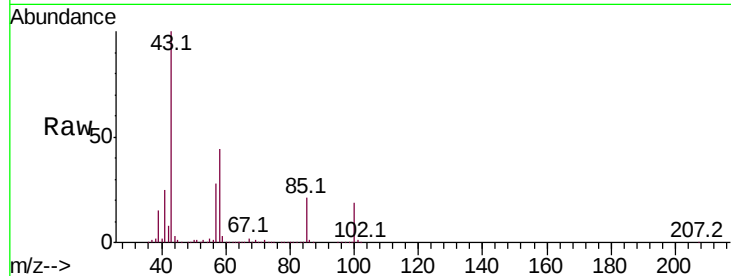
VSTDCCC050

Tot Ion: 43 Resp: 1052374

Ion Ratio Lower Upper

43 100

58 43.5 35.0 52.4



#52

Toluene

Concen: 55.214 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019156.D

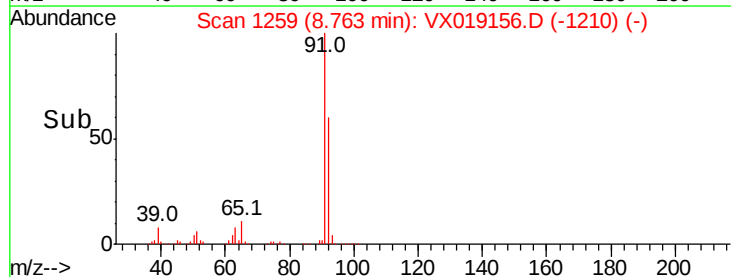
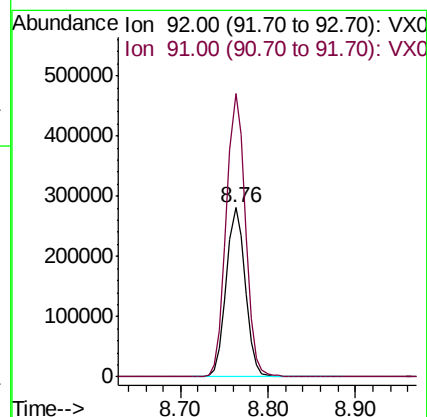
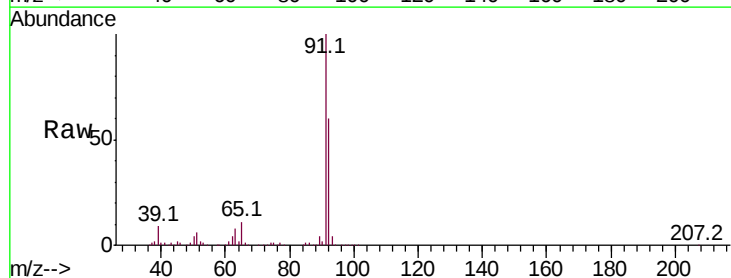
Acq: 28 Oct 2020 11:07

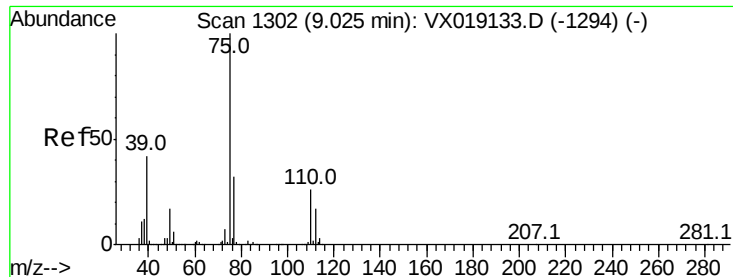
Tgt Ion: 92 Resp: 424414

Ion Ratio Lower Upper

92 100

91 168.4 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 54.782 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX019156.D

Acq: 28 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

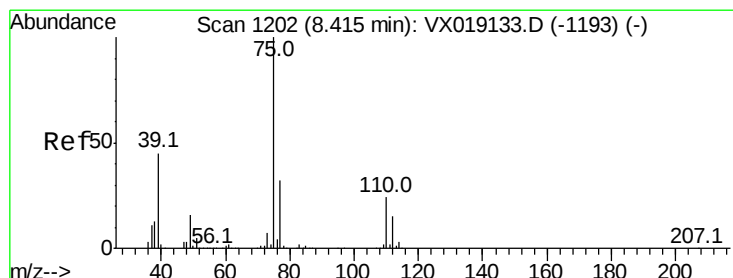
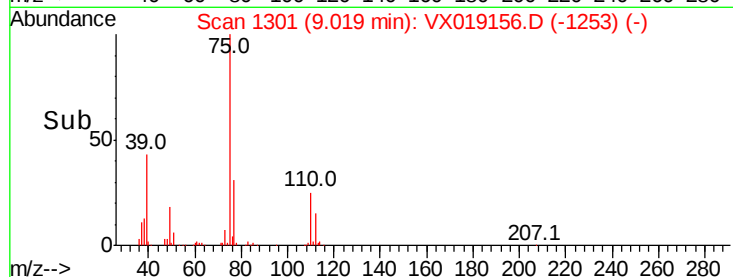
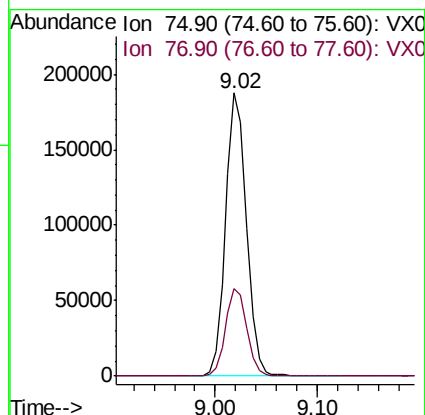
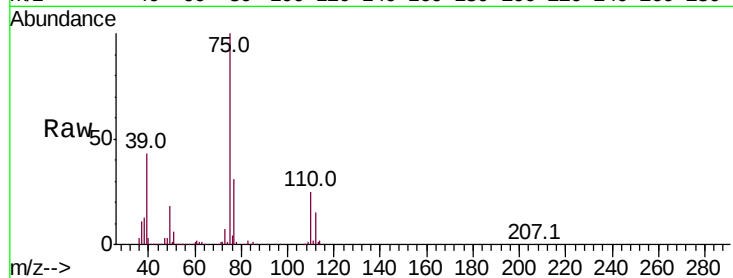
VSTDCCC050

Tot Ion: 75 Resp: 266598

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 54.819 ug/l

RT: 8.41 min Scan# 1201

Delta R.T. -0.01 min

Lab File: VX019156.D

Acq: 28 Oct 2020 11:07

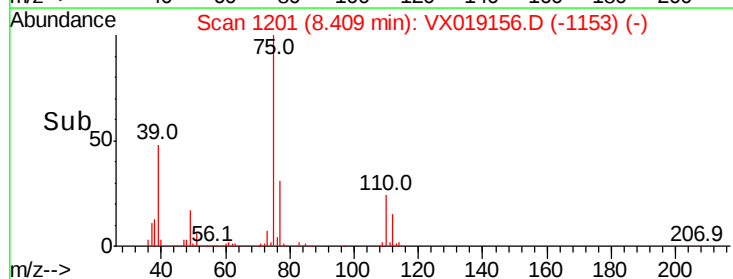
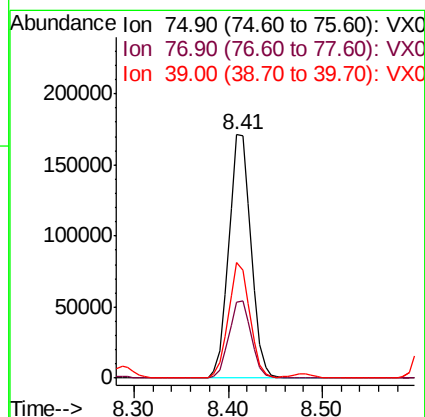
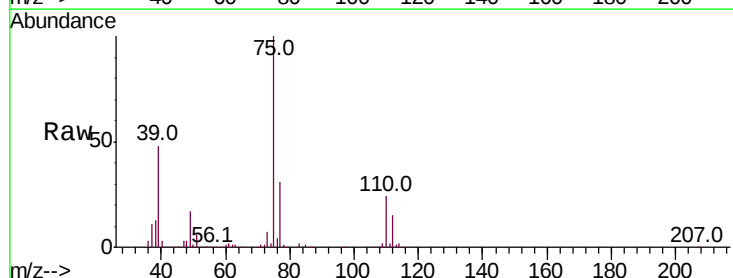
Tgt Ion: 75 Resp: 280532

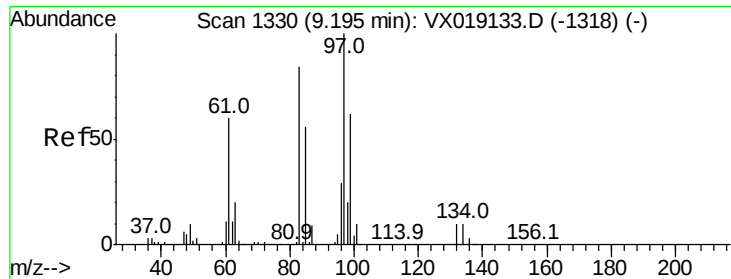
Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3

39 47.6 36.2 54.2



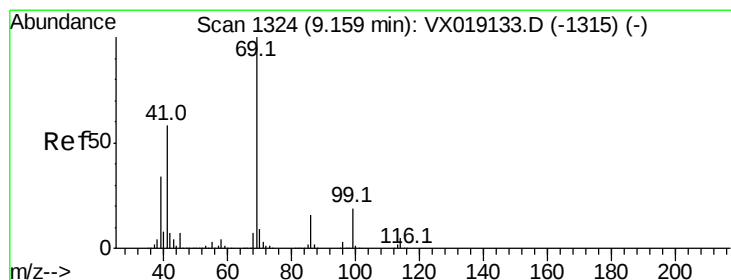
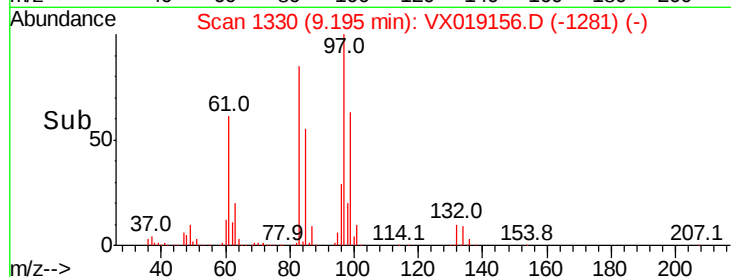
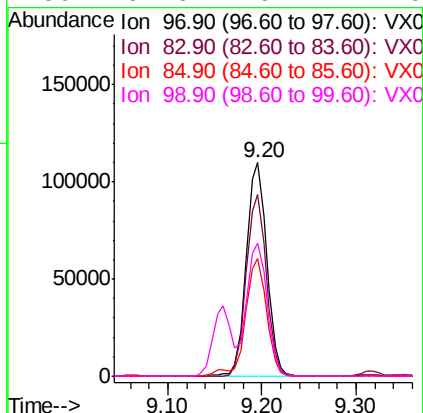
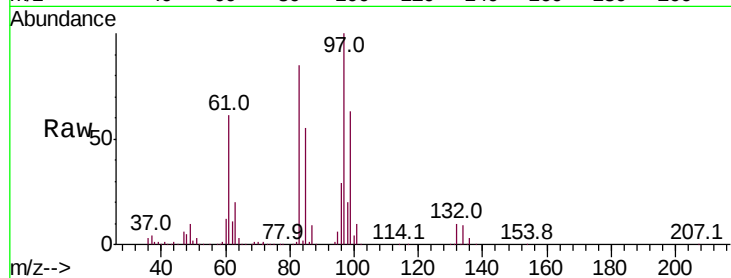


#55
 1,1,2-Trichloroethane
 Concen: 54.748 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019156.D
 Acq: 28 Oct 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 166278

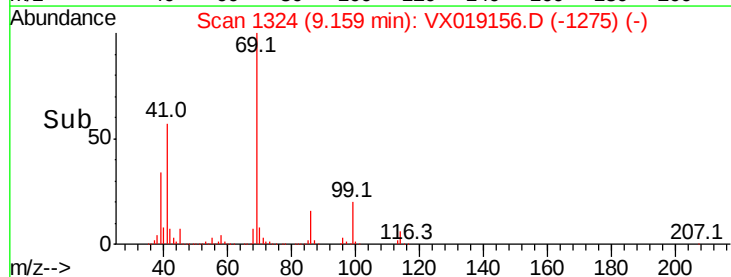
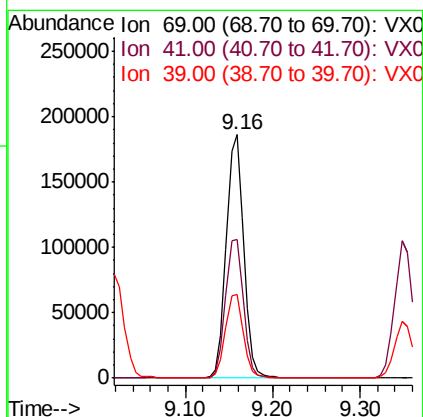
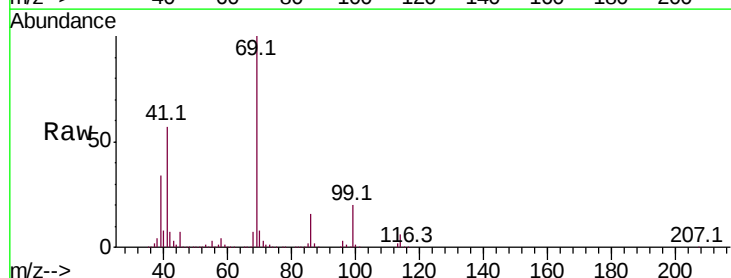
Ion	Ratio	Lower	Upper
97	100		
83	85.1	67.2	100.8
85	55.1	44.6	67.0
99	62.6	49.4	74.0

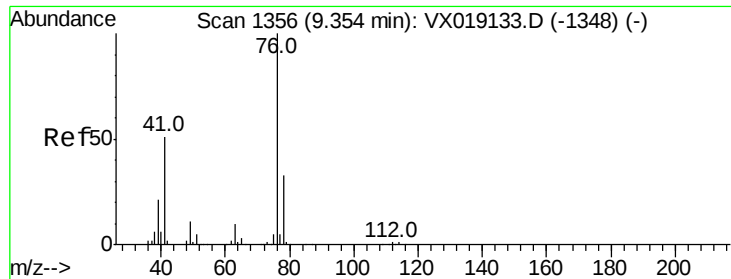


#56
 Ethyl methacrylate
 Concen: 55.964 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019156.D
 Acq: 28 Oct 2020 11:07

Tgt Ion: 69 Resp: 256733

Ion	Ratio	Lower	Upper
69	100		
41	59.0	46.5	69.7
39	35.2	27.6	41.4





#57

1,3-Dichloropropane

Concen: 55.108 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX019156.D

Acq: 28 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

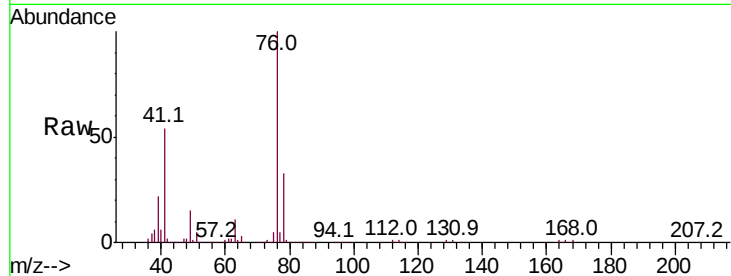
VSTDCCC050

Tot Ion: 76 Resp: 282183

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

150000

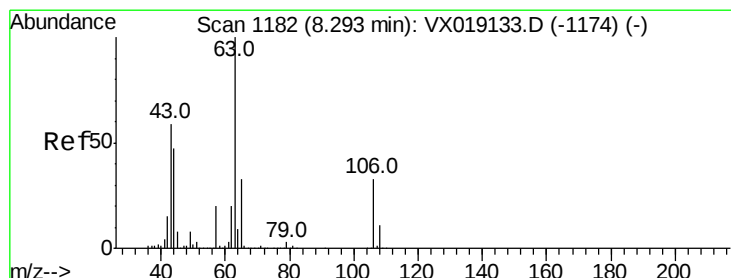
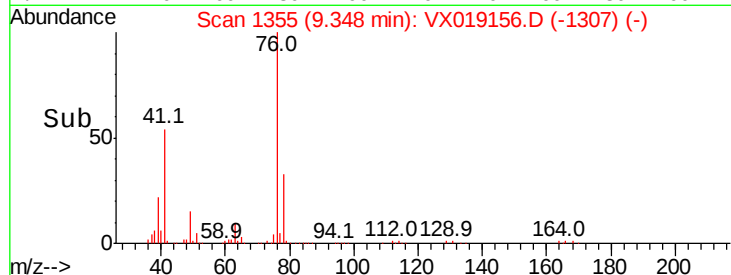
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 261.297 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX019156.D

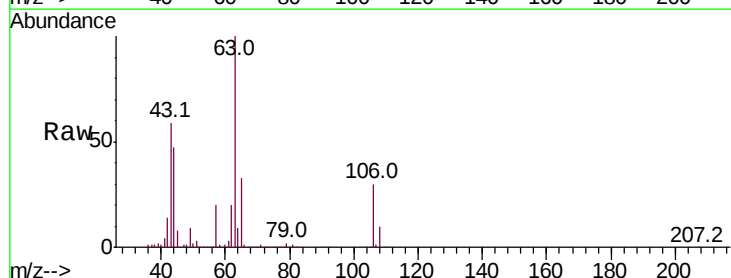
Acq: 28 Oct 2020 11:07

Tgt Ion: 63 Resp: 670379

Ion Ratio Lower Upper

63 100

106 30.4 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

500000

400000

300000

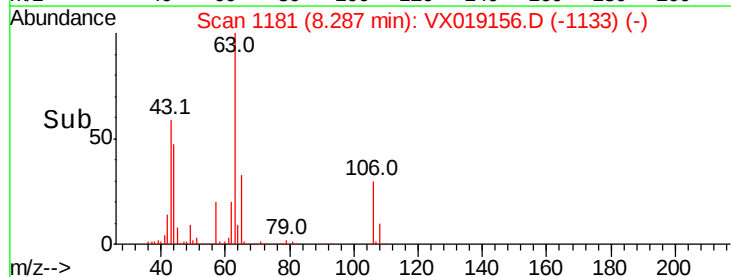
200000

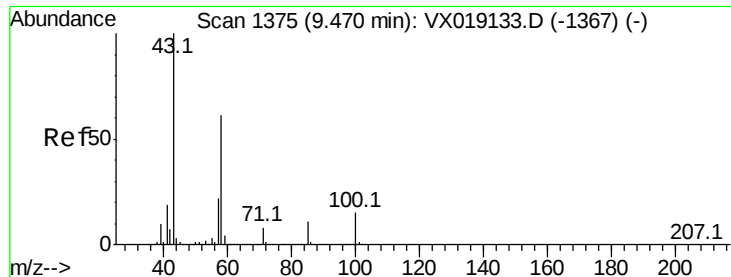
100000

0

8.20 8.30 8.40

Time-->

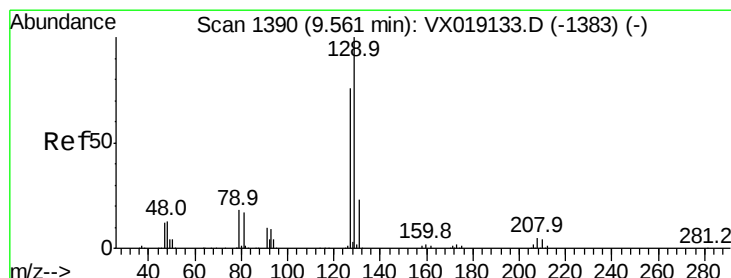
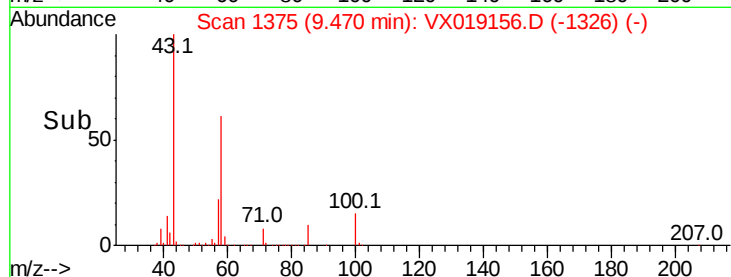
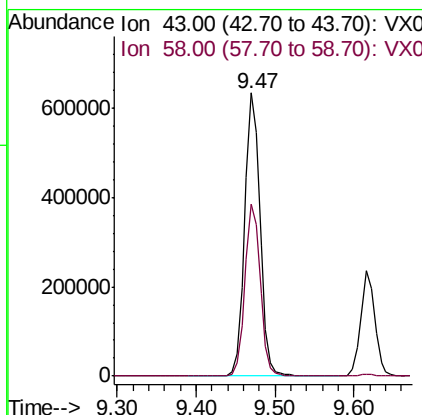
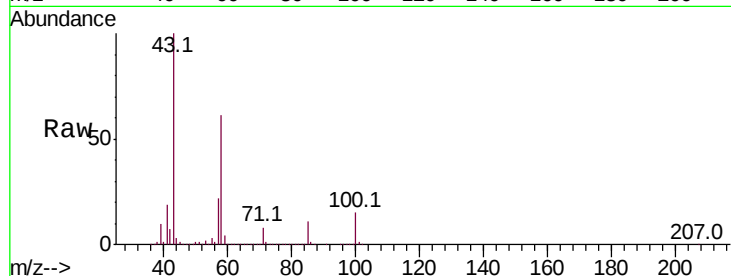




#59
2-Hexanone
Concen: 298.929 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019156.D
Acq: 28 Oct 2020 11:07

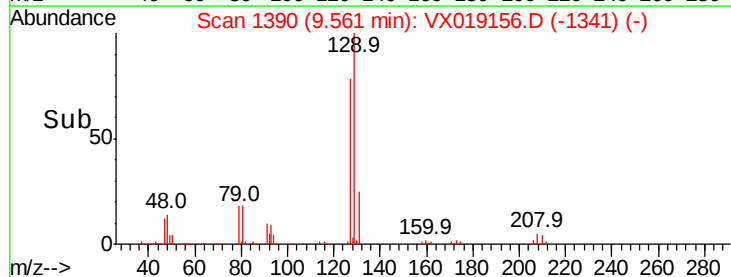
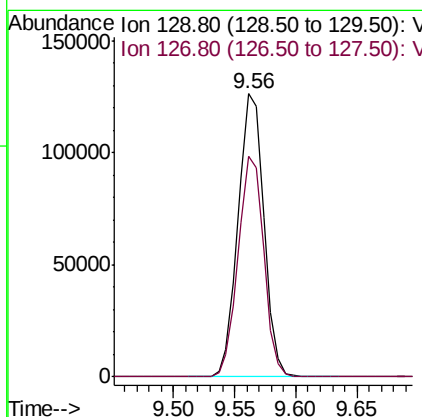
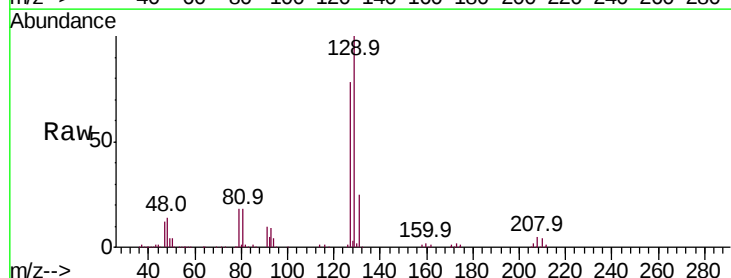
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

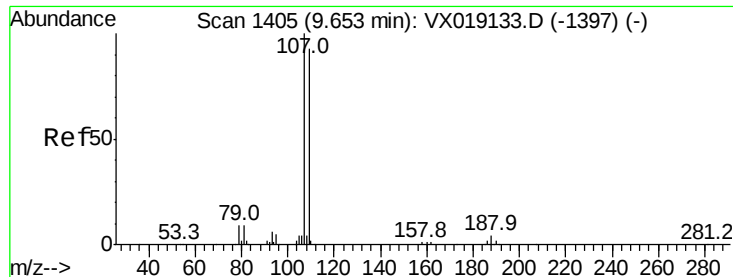
Tot Ion: 43 Resp: 855856
Ion Ratio Lower Upper
43 100
58 60.8 30.5 91.5



#60
Dibromochloromethane
Concen: 55.969 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019156.D
Acq: 28 Oct 2020 11:07

Tgt Ion:129 Resp: 184479
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 54.310 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019156.D

Acq: 28 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

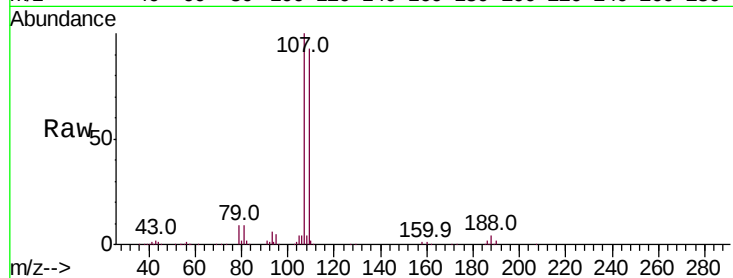
VSTDCCC050

Tot Ion:107 Resp: 176386

Ion Ratio Lower Upper

107 100

109 94.5 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

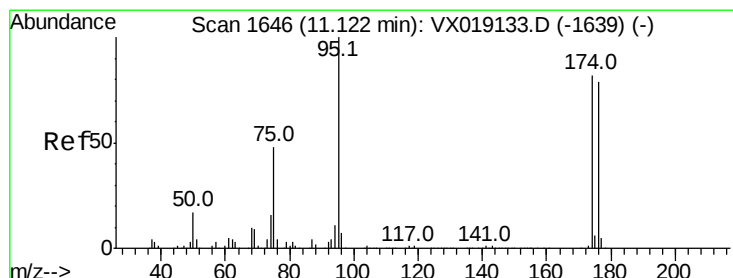
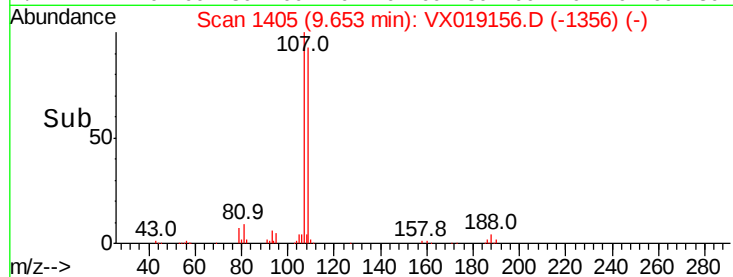
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.787 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019156.D

Acq: 28 Oct 2020 11:07

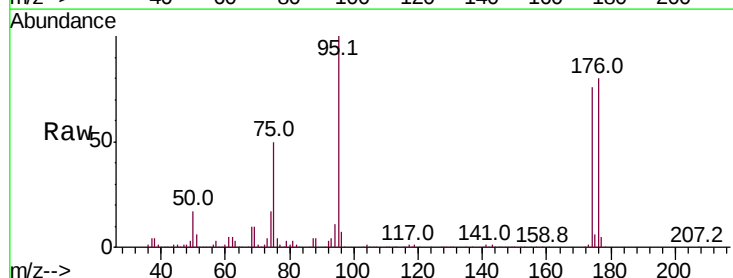
Tgt Ion: 95 Resp: 195336

Ion Ratio Lower Upper

95 100

174 75.4 0.0 156.0

176 75.5 0.0 149.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

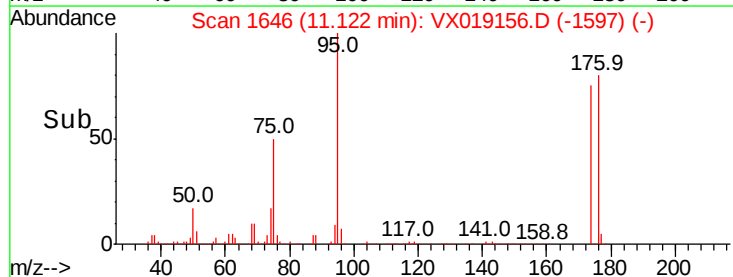
150000

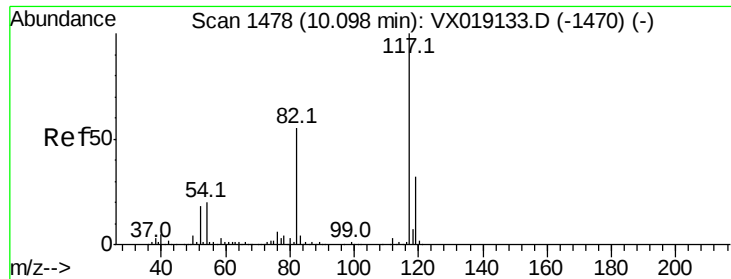
100000

50000

0

Time-->

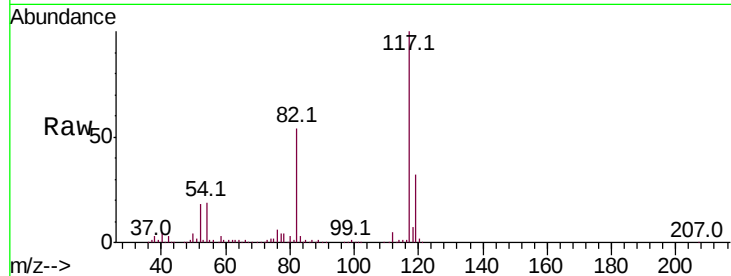




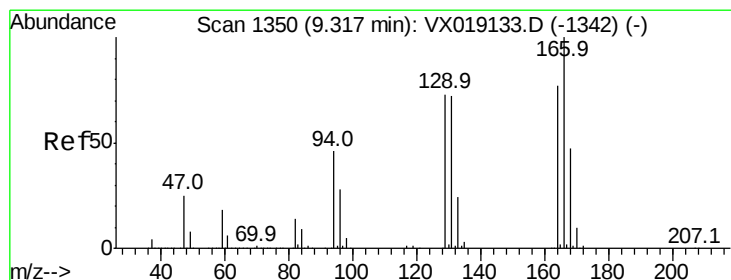
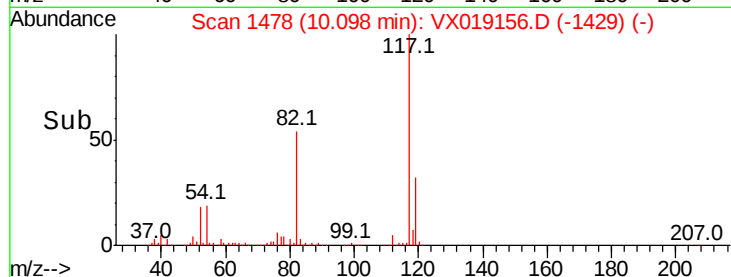
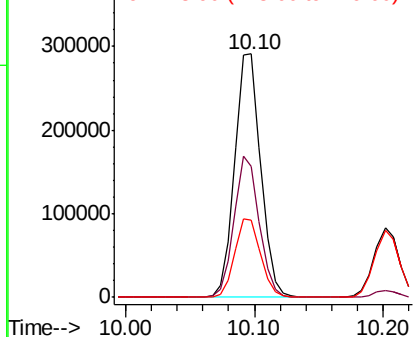
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019156.D
Acq: 28 Oct 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 410813
Ion Ratio Lower Upper
117 100
82 53.8 43.6 65.4
119 31.6 25.5 38.3

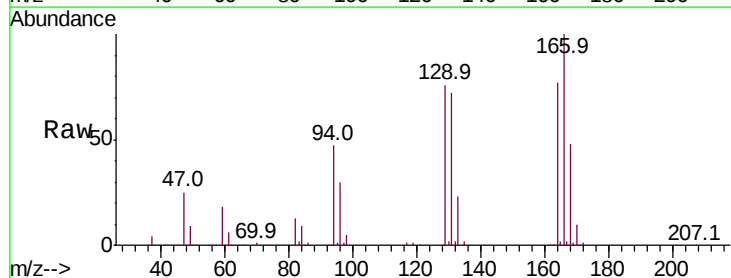


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

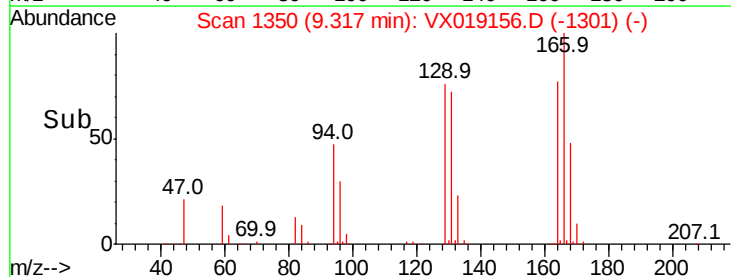
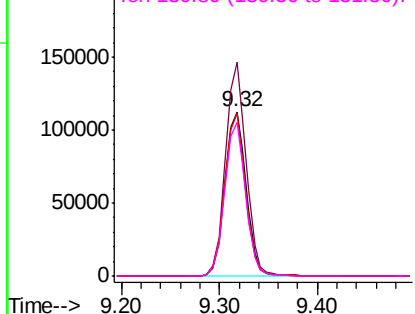


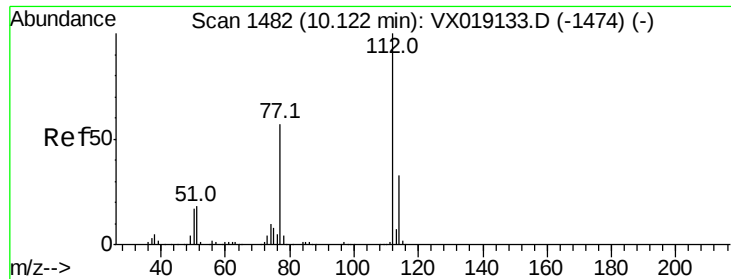
#64
Tetrachloroethene
Concen: 54.077 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019156.D
Acq: 28 Oct 2020 11:07

Tgt Ion:164 Resp: 169258
Ion Ratio Lower Upper
164 100
166 130.3 104.1 156.1
129 99.0 76.2 114.4
131 94.1 74.6 112.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

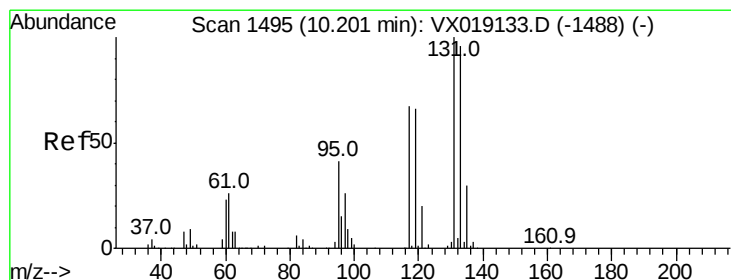
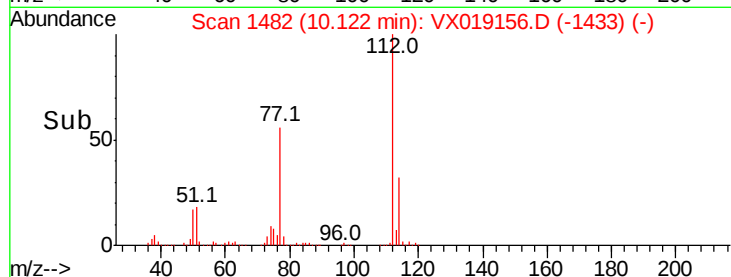
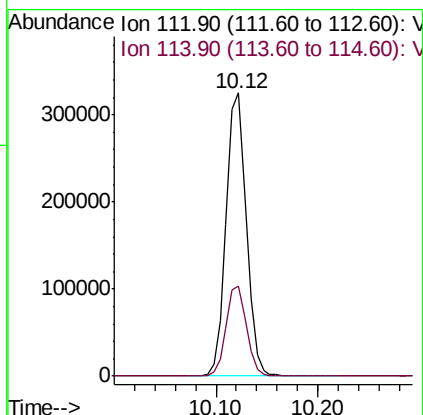
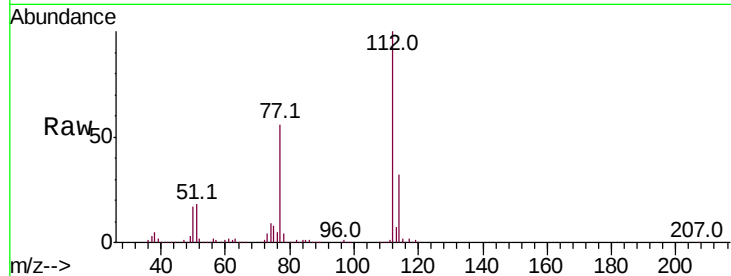




#65
Chlorobenzene
Concen: 53.162 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019156.D
Acq: 28 Oct 2020 11:07

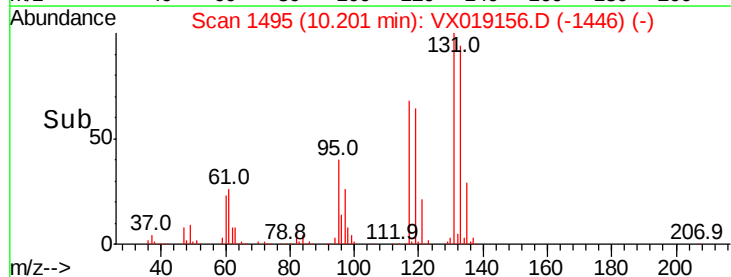
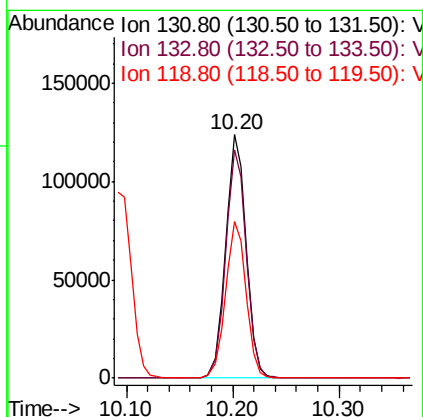
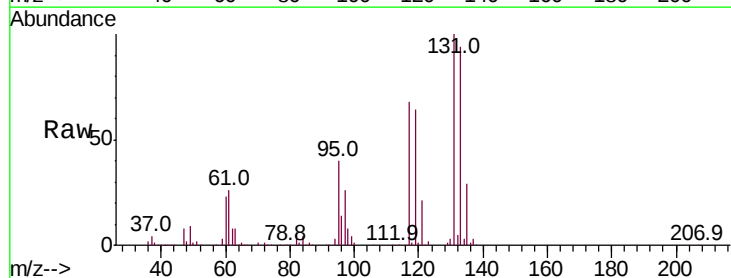
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

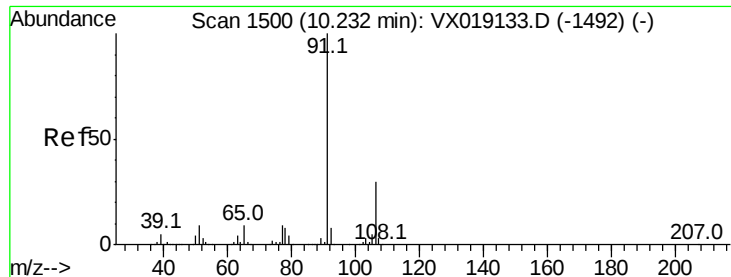
Tot Ion:112 Resp: 446384
Ion Ratio Lower Upper
112 100
114 31.8 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 55.018 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019156.D
Acq: 28 Oct 2020 11:07

Tgt Ion:131 Resp: 166309
Ion Ratio Lower Upper
131 100
133 94.6 47.3 141.8
119 64.8 32.3 96.9





#67

Ethyl Benzene

Concen: 54.436 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019156.D

Acq: 28 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

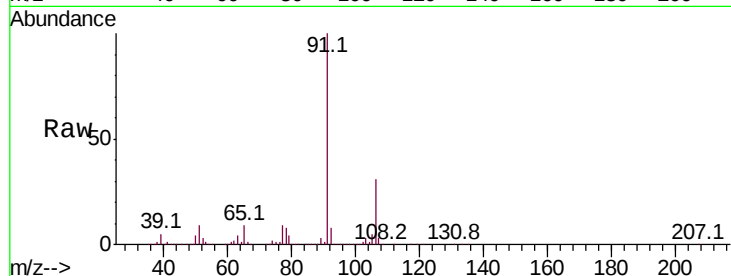
VSTDCCC050

Tot Ion: 91 Resp: 814480

Ion Ratio Lower Upper

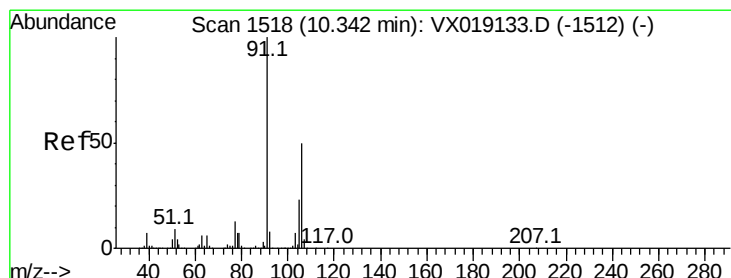
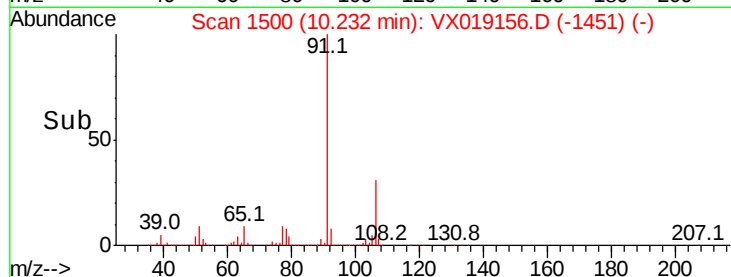
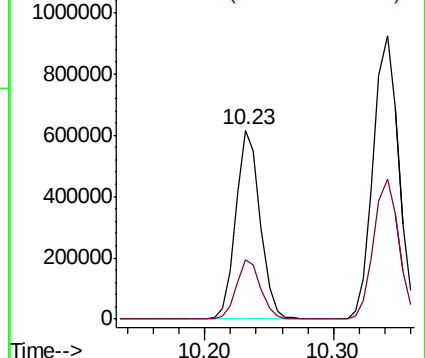
91 100

106 31.3 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 109.465 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019156.D

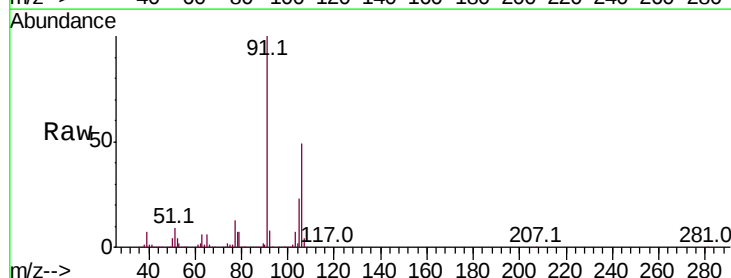
Acq: 28 Oct 2020 11:07

Tgt Ion: 106 Resp: 614704

Ion Ratio Lower Upper

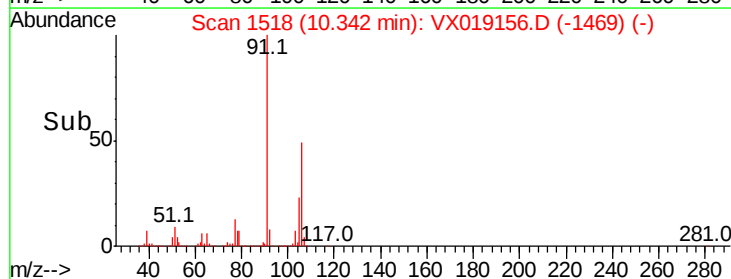
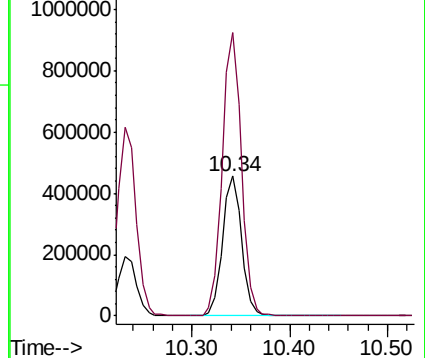
106 100

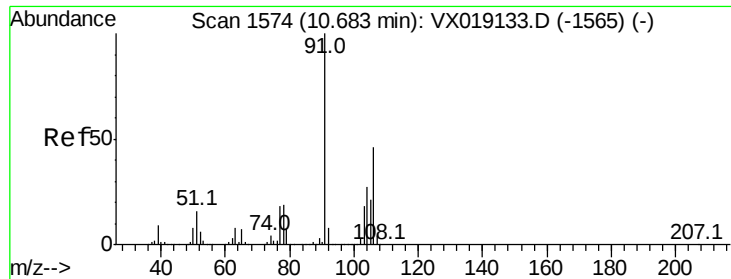
91 204.0 161.0 241.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

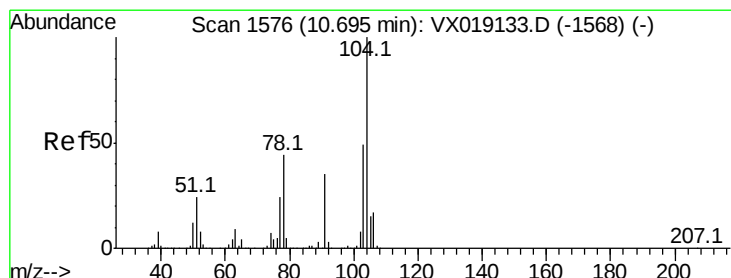
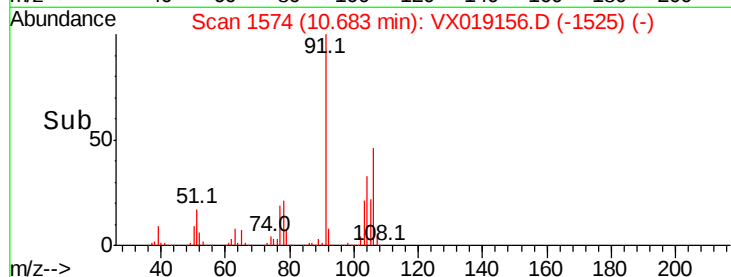
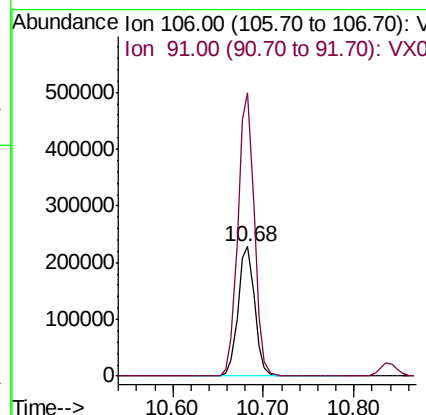
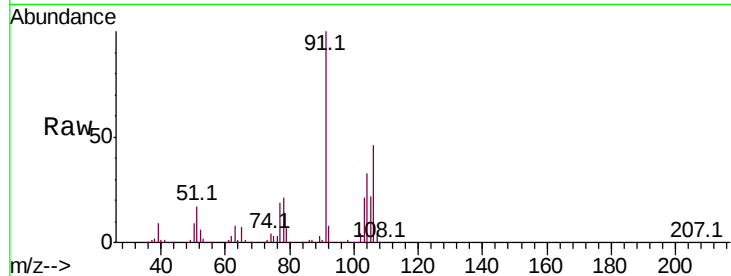




#69
o-Xylene
Concen: 54.362 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019156.D
Acq: 28 Oct 2020 11:07

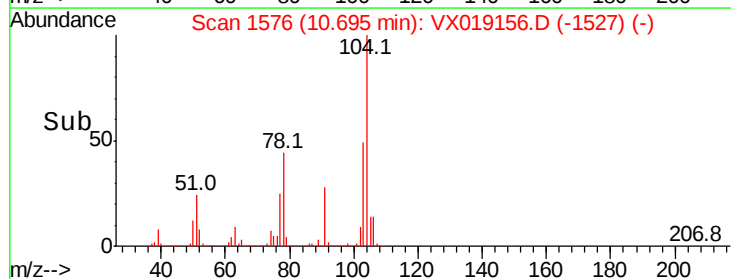
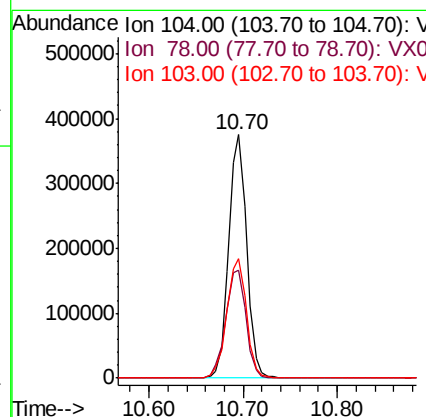
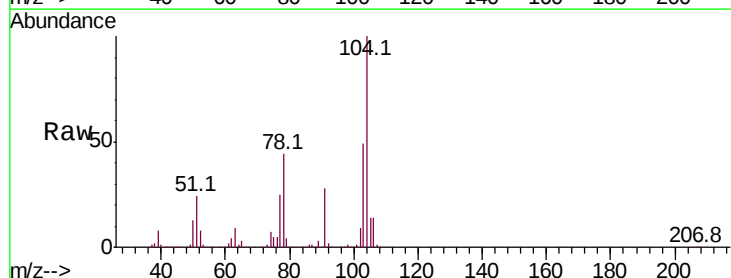
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

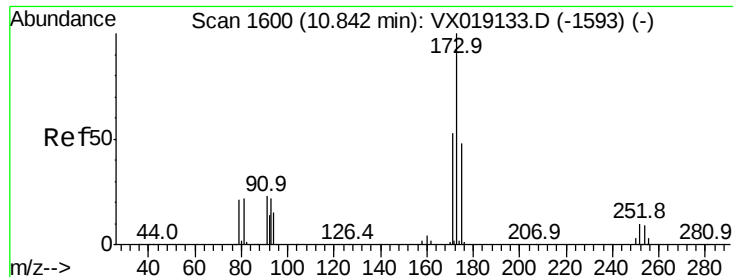
Tot Ion:106 Resp: 289546
Ion Ratio Lower Upper
106 100
91 215.9 108.3 324.8



#70
Styrene
Concen: 54.640 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019156.D
Acq: 28 Oct 2020 11:07

Tgt Ion:104 Resp: 496560
Ion Ratio Lower Upper
104 100
78 50.4 40.0 60.0
103 53.5 43.5 65.3





#71

Bromoform

Concen: 53.748 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019156.D

Acq: 28 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

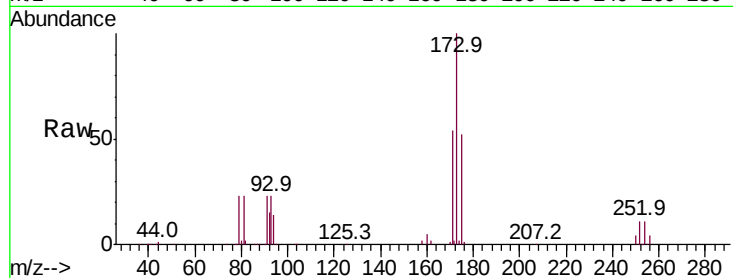
Tot Ion:173 Resp: 128817

Ion Ratio Lower Upper

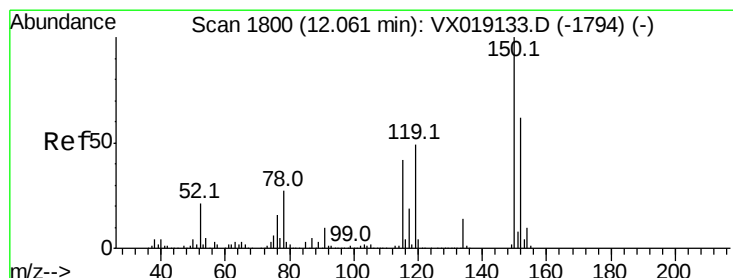
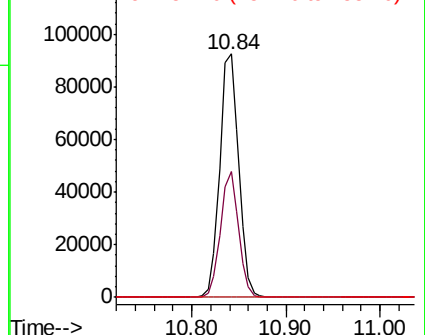
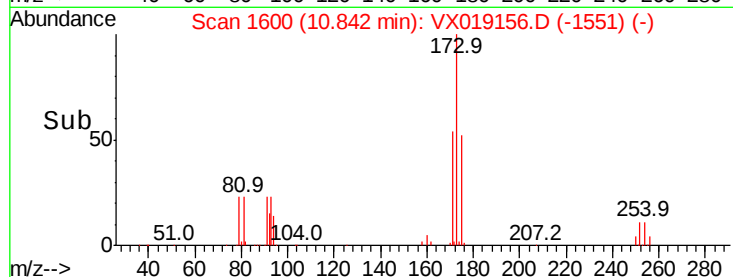
173 100

175 49.4 24.4 73.4

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: VX019156.D

Acq: 28 Oct 2020 11:07

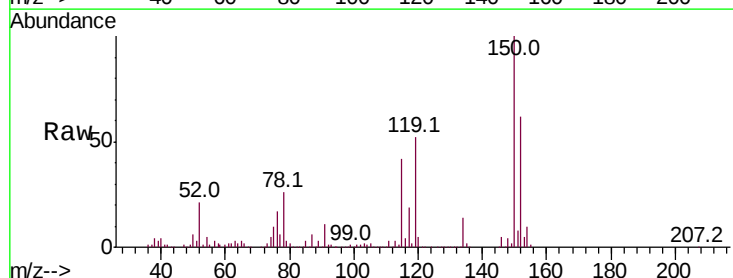
Tgt Ion:152 Resp: 203744

Ion Ratio Lower Upper

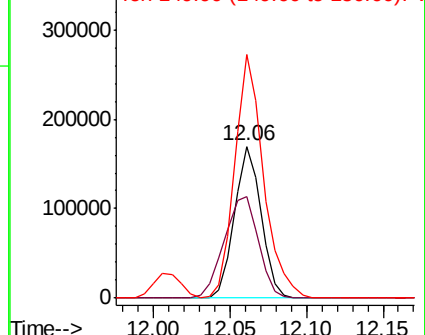
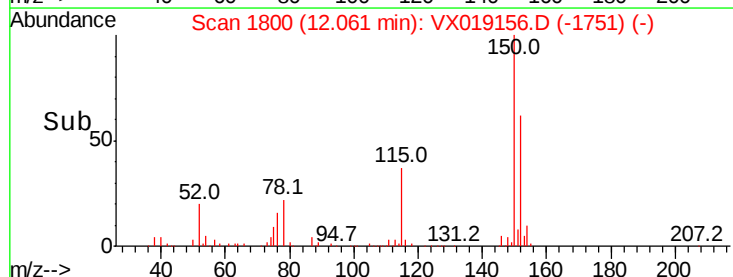
152 100

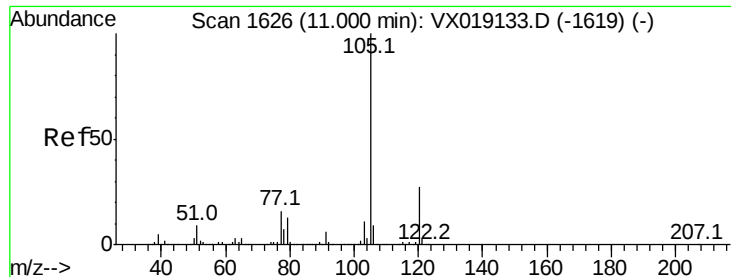
115 87.1 41.9 125.7

150 174.1 0.0 347.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.624 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019156.D

Acq: 28 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

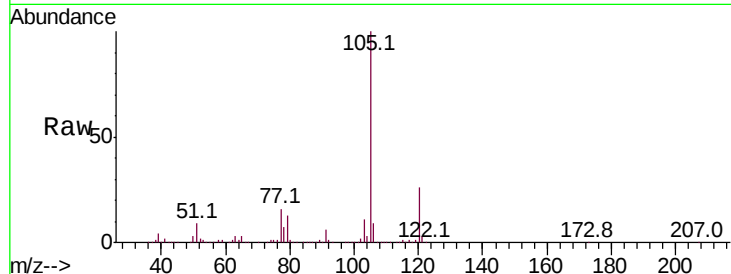
VSTDCCC050

Tot Ion:105 Resp: 787787

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

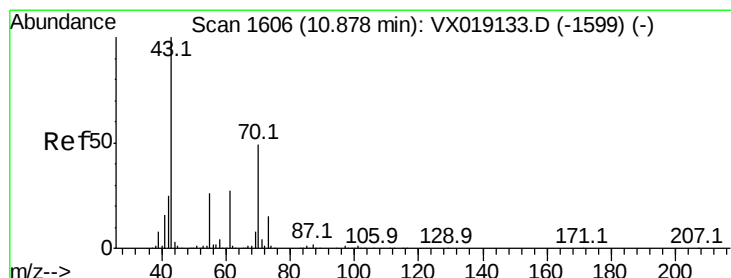
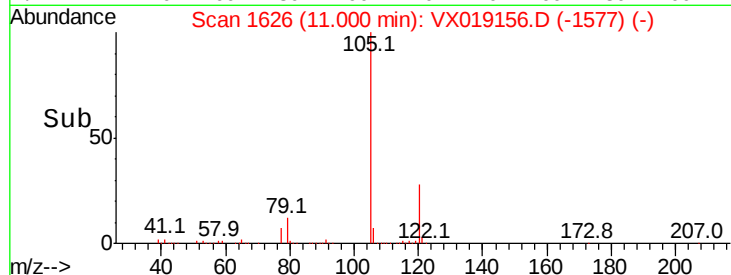
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 56.170 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019156.D

Acq: 28 Oct 2020 11:07

Tgt Ion: 43 Resp: 296192

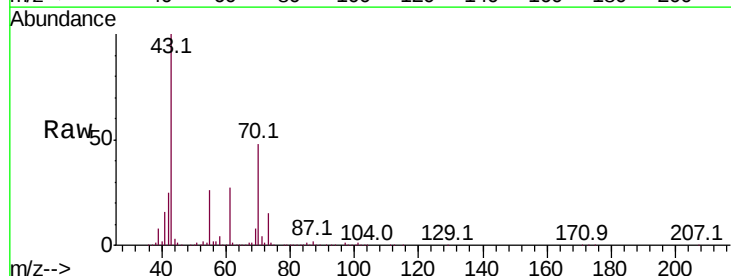
Ion Ratio Lower Upper

43 100

70 48.9 39.6 59.4

55 26.1 20.7 31.1

61 26.9 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

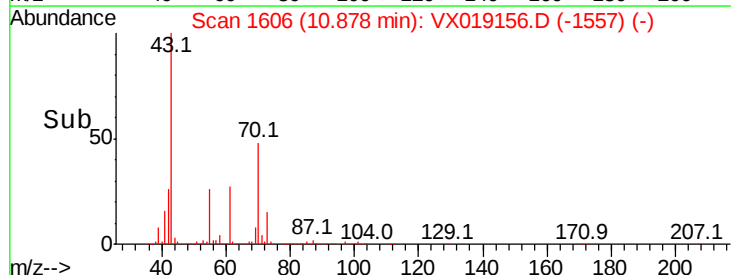
300000

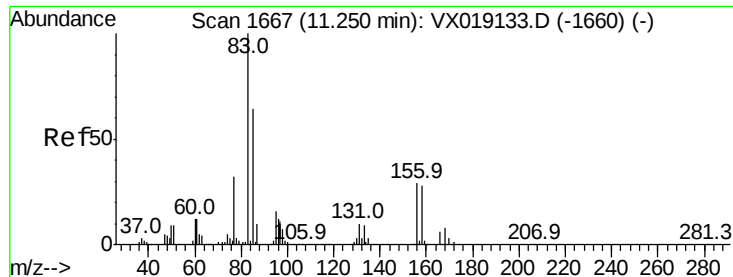
200000

100000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 54.549 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019156.D

Acq: 28 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

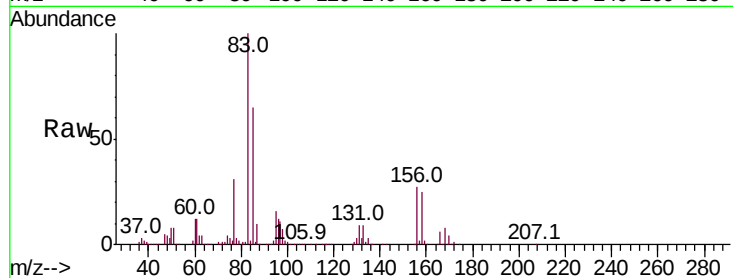
Tot Ion: 83 Resp: 245868

Ion Ratio Lower Upper

83 100

131 10.0 5.2 15.6

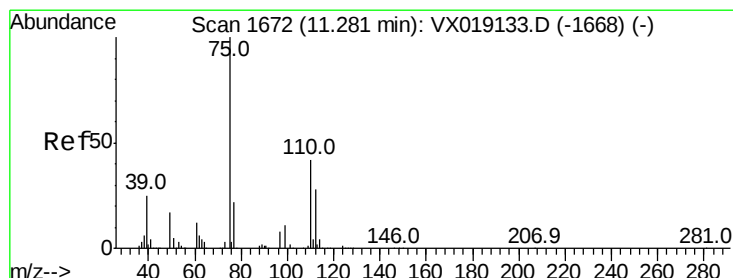
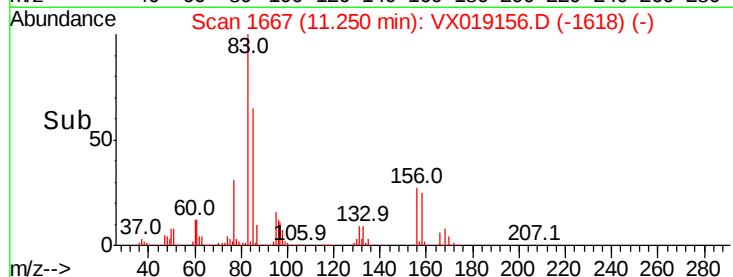
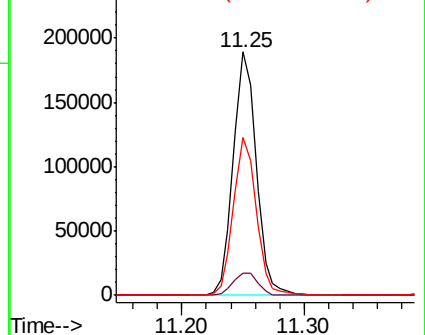
85 64.6 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 70.068 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019156.D

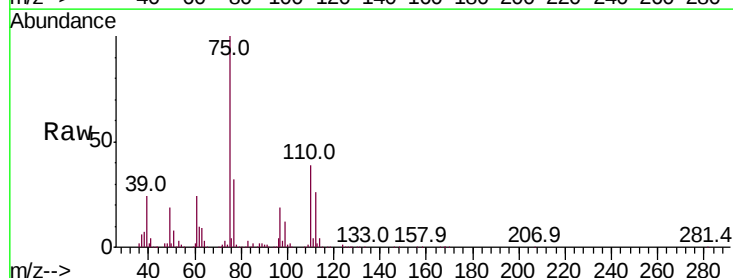
Acq: 28 Oct 2020 11:07

Tgt Ion: 75 Resp: 294766

Ion Ratio Lower Upper

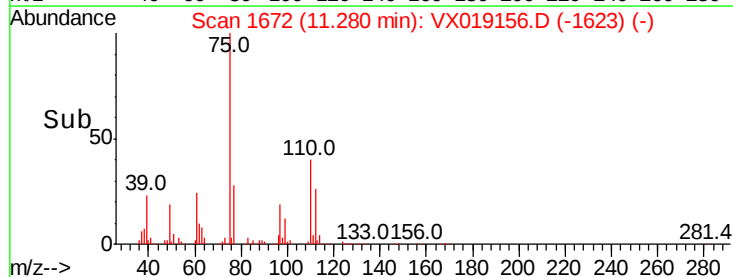
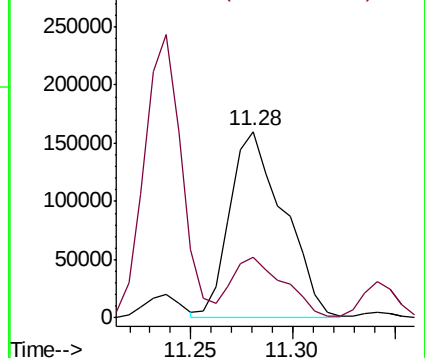
75 100

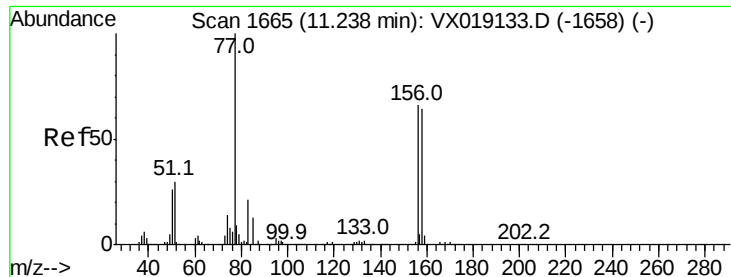
77 31.2 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.808 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019156.D

Acq: 28 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

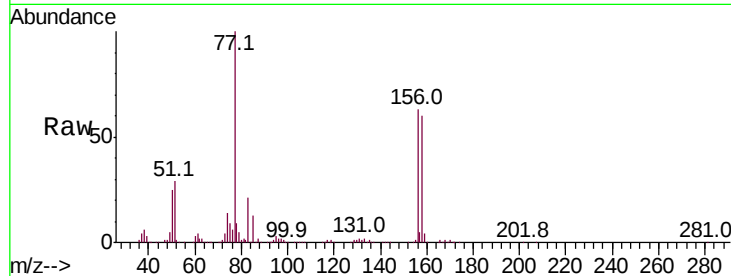
Tot Ion:156 Resp: 189020

Ion Ratio Lower Upper

156 100

77 163.4 77.7 233.1

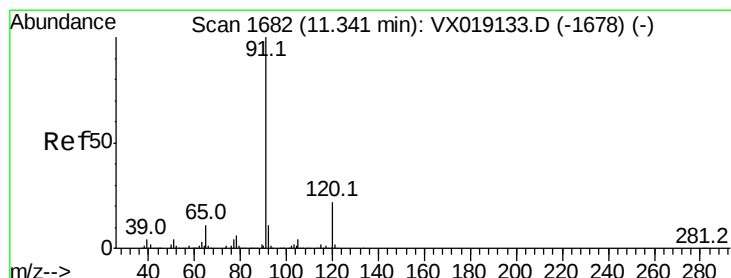
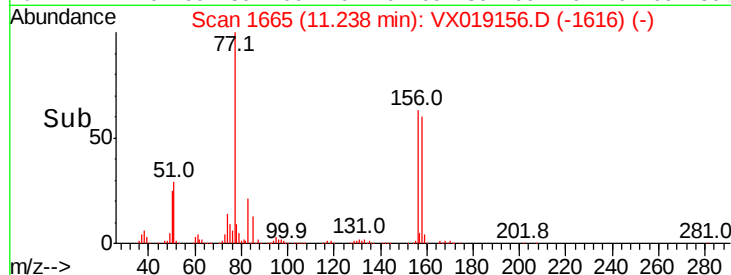
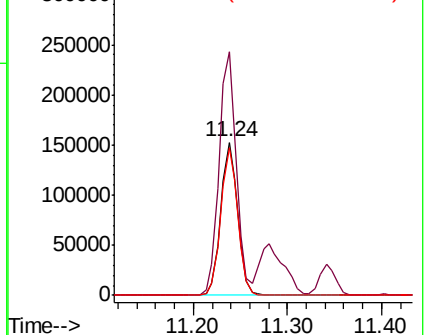
158 96.7 48.3 144.8



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: 55.555 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019156.D

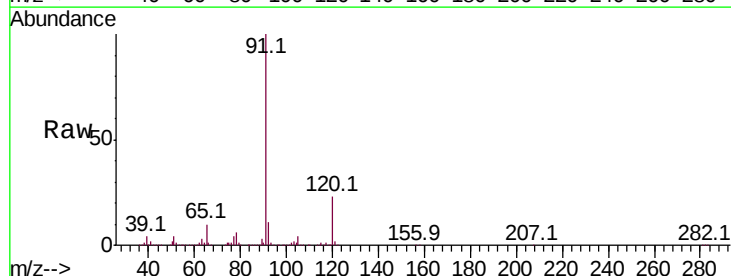
Acq: 28 Oct 2020 11:07

Tgt Ion: 91 Resp: 914610

Ion Ratio Lower Upper

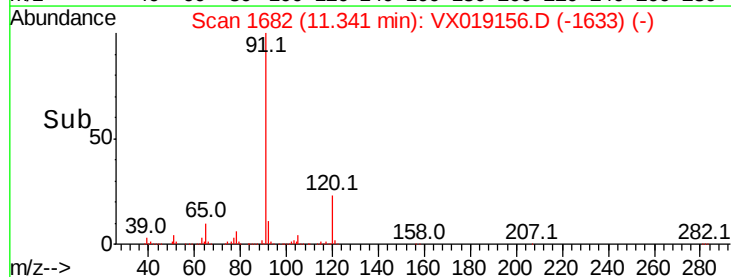
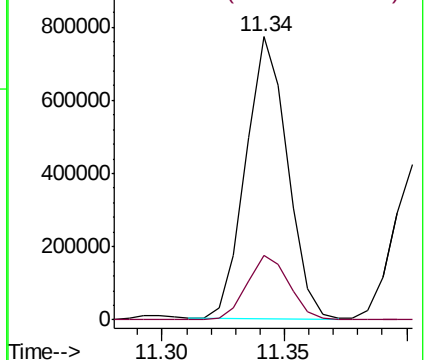
91 100

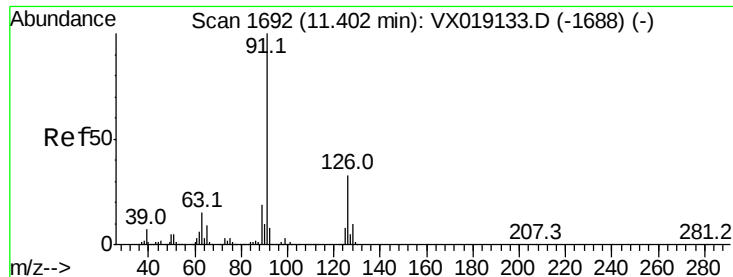
120 23.2 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

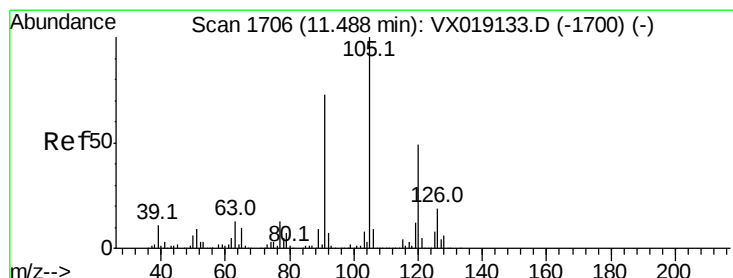
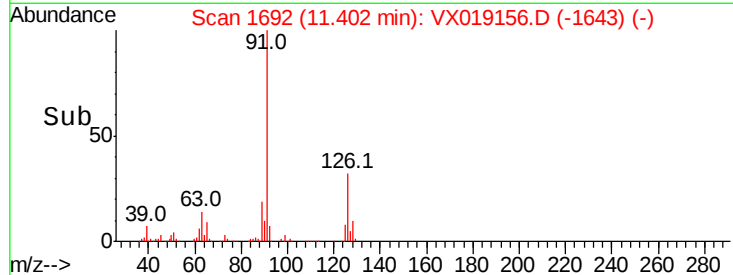
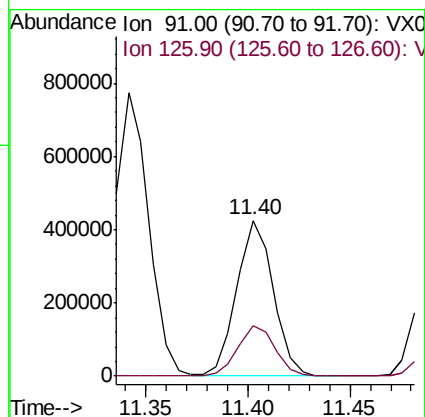
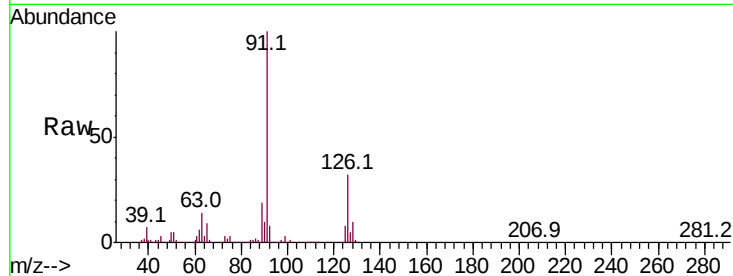




#79
 2-Chlorotoluene
 Concen: 54.251 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019156.D
 Acq: 28 Oct 2020 11:07

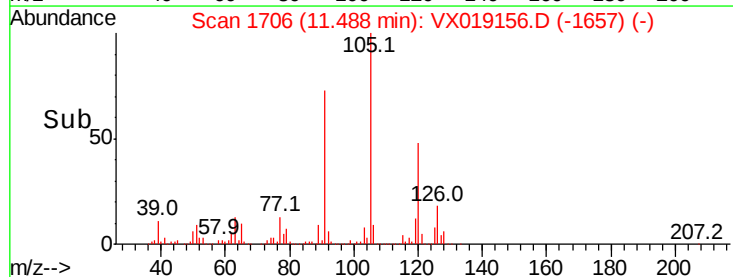
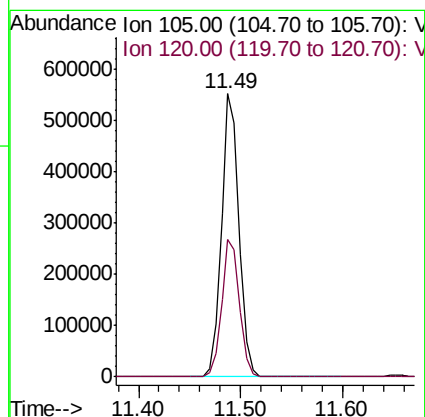
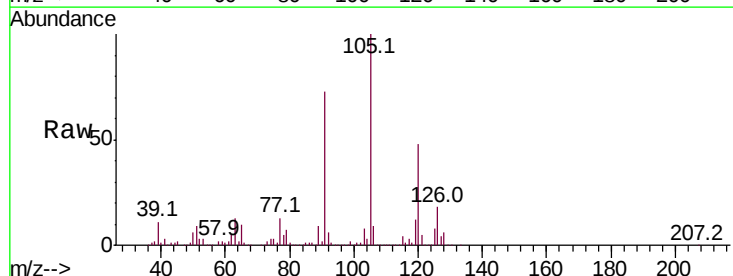
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

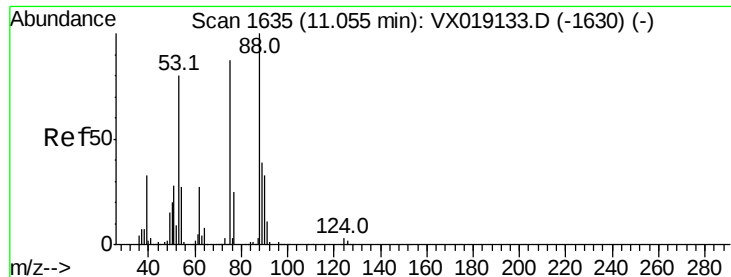
Tot Ion: 91 Resp: 525831
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 54.423 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019156.D
 Acq: 28 Oct 2020 11:07

Tgt Ion: 105 Resp: 663079
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 52.956 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019156.D

Acq: 28 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

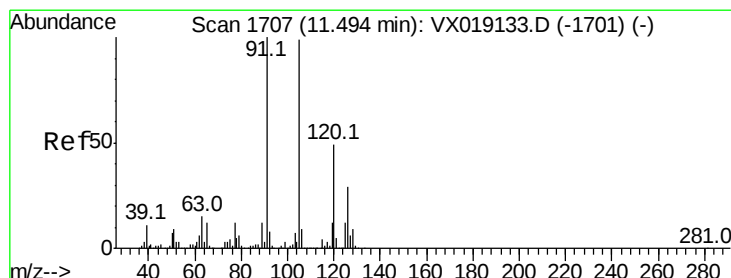
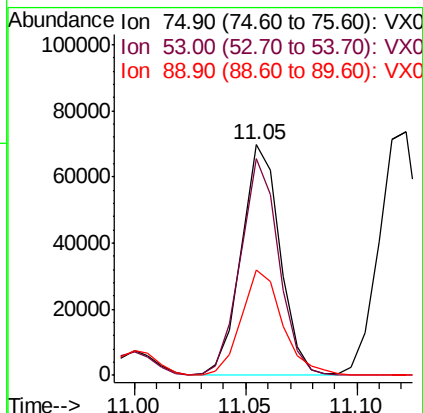
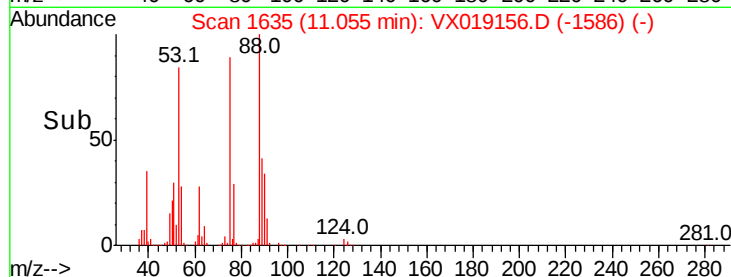
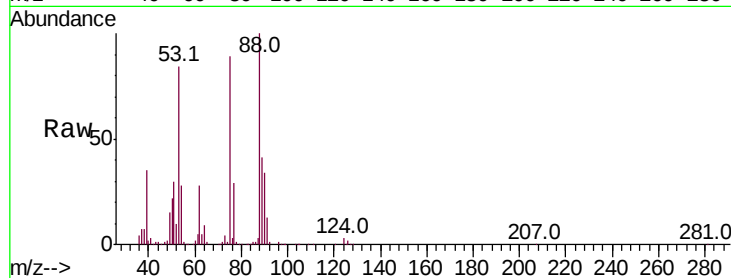
Tot Ion: 75 Resp: 84611

Ion Ratio Lower Upper

75 100

53 92.8 73.3 109.9

89 49.1 38.2 57.2



#82

4-Chlorotoluene

Concen: 53.209 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019156.D

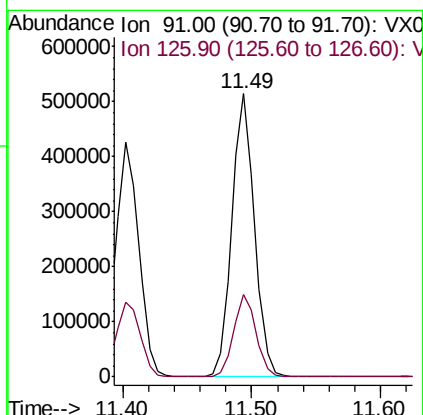
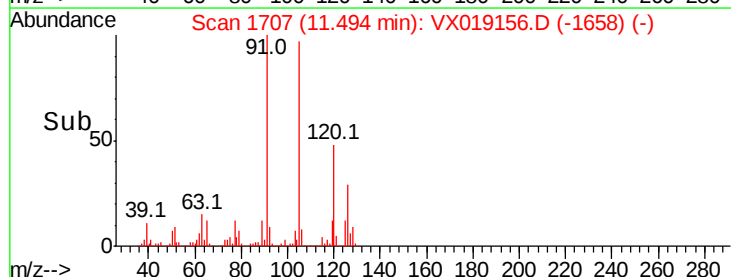
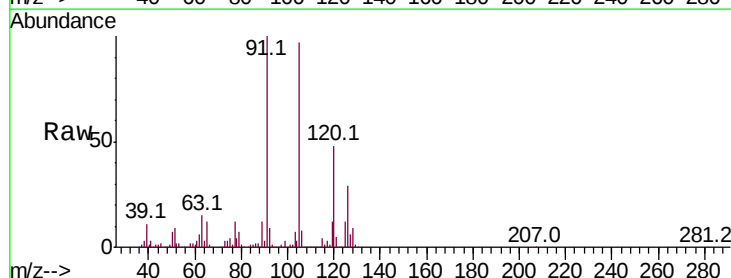
Acq: 28 Oct 2020 11:07

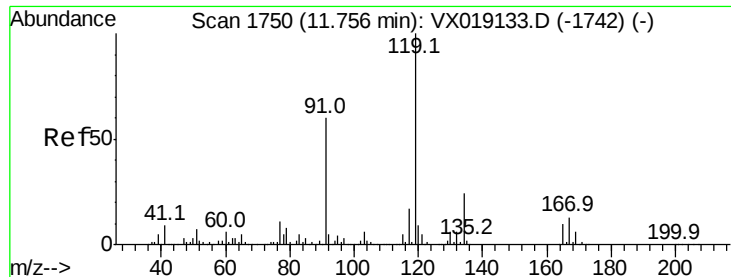
Tgt Ion: 91 Resp: 629787

Ion Ratio Lower Upper

91 100

126 28.9 14.8 44.4

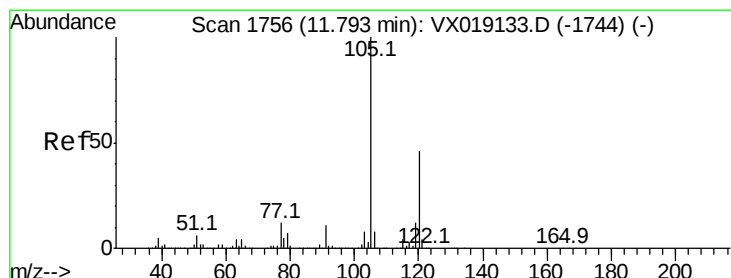
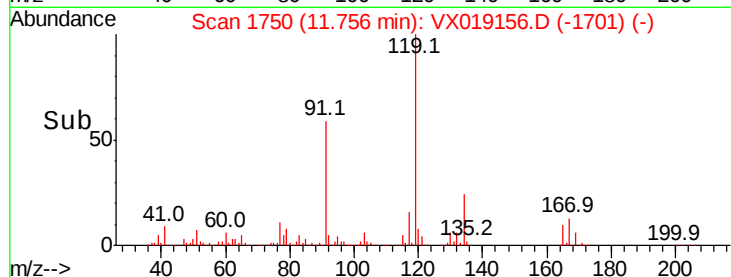
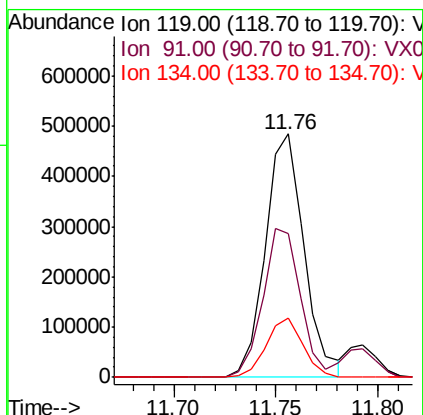
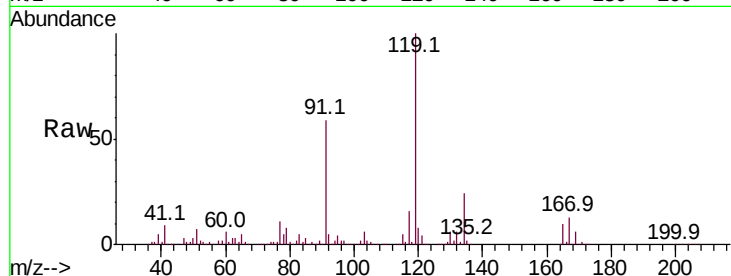




#83
tert-Butylbenzene
Concen: 54.951 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019156.D
Acq: 28 Oct 2020 11:07

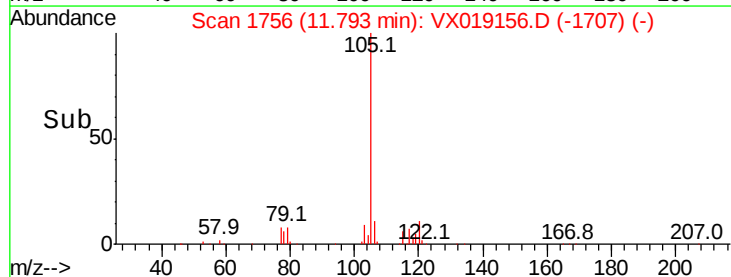
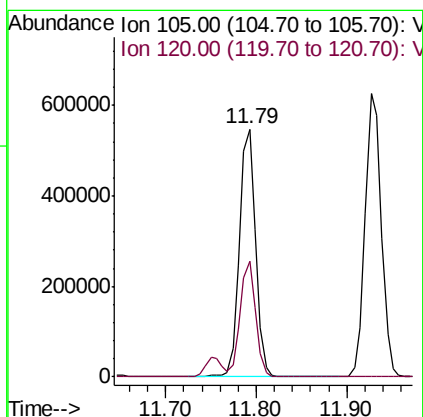
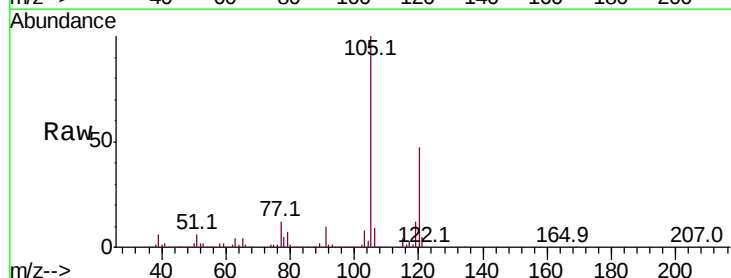
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

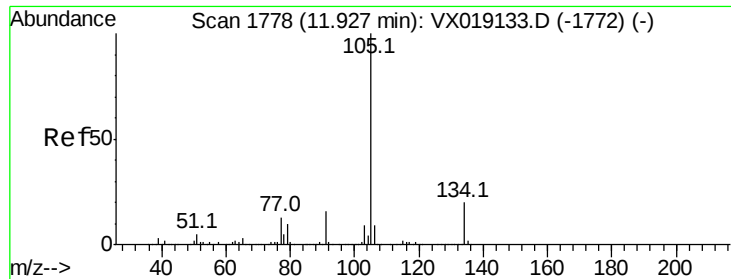
Tot Ion:119 Resp: 641047
Ion Ratio Lower Upper
119 100
91 59.2 29.0 87.1
134 23.1 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 54.722 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019156.D
Acq: 28 Oct 2020 11:07

Tgt Ion:105 Resp: 673079
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.3

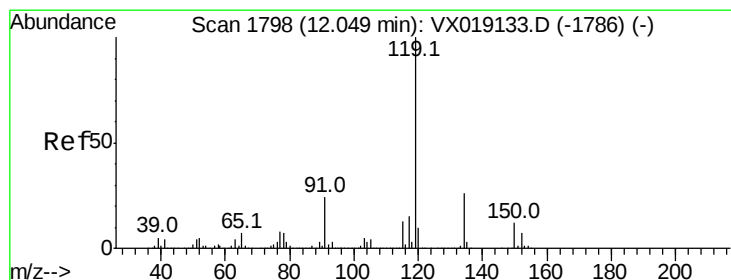
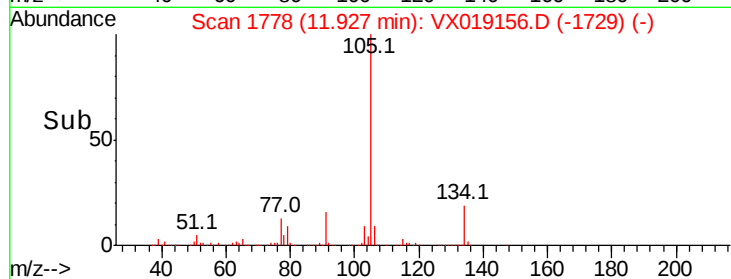
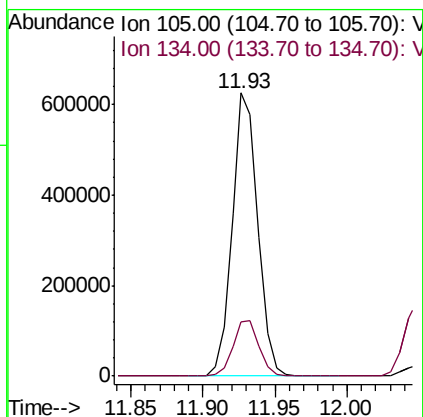
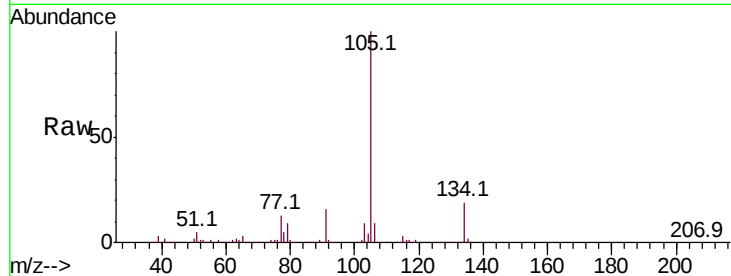




#85
 sec-Butylbenzene
 Concen: 55.274 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019156.D
 Acq: 28 Oct 2020 11:07

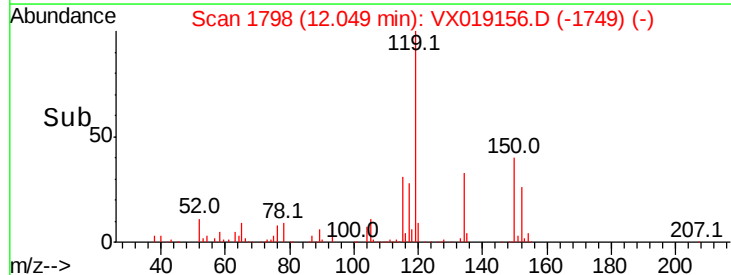
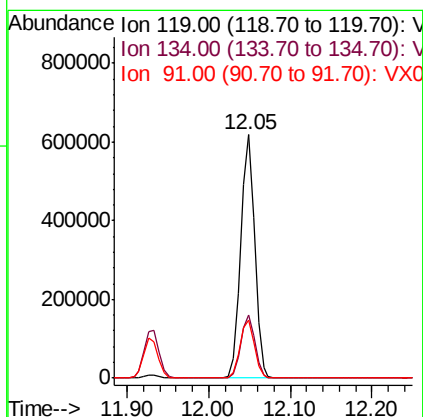
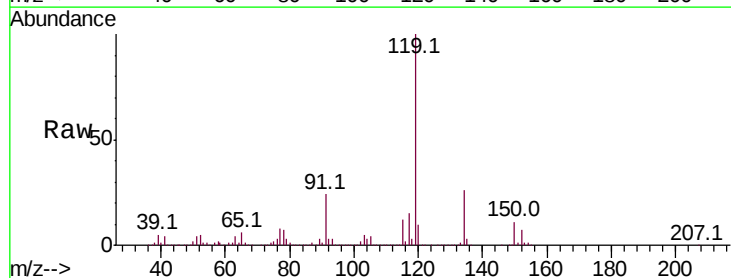
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

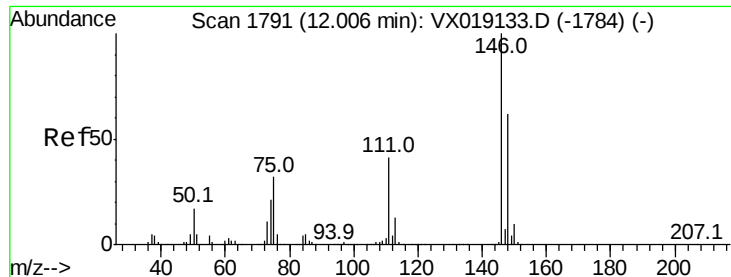
Tot Ion:105 Resp: 773375
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 55.826 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019156.D
 Acq: 28 Oct 2020 11:07

Tgt Ion:119 Resp: 720950
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.7
 91 24.2 12.0 36.0

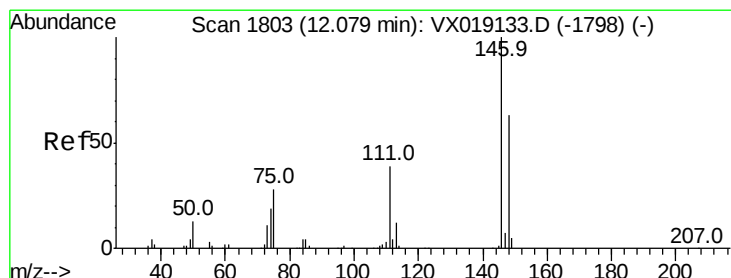
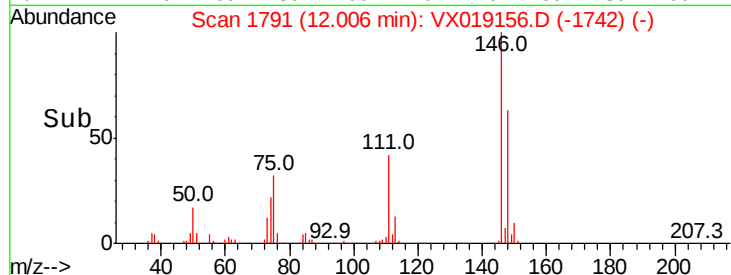
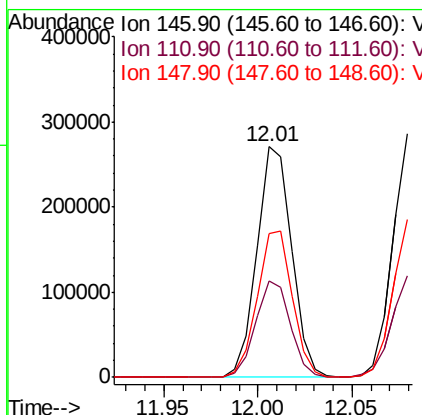
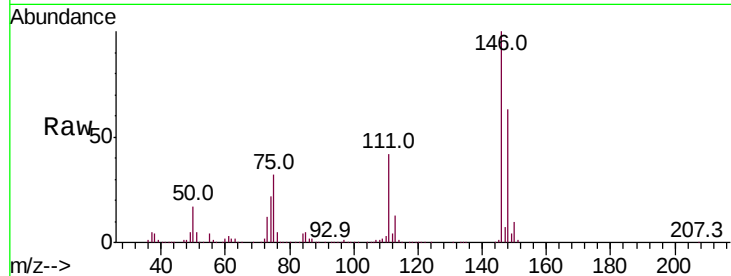




#87
 1,3-Dichlorobenzene
 Concen: 52.111 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019156.D
 Acq: 28 Oct 2020 11:07

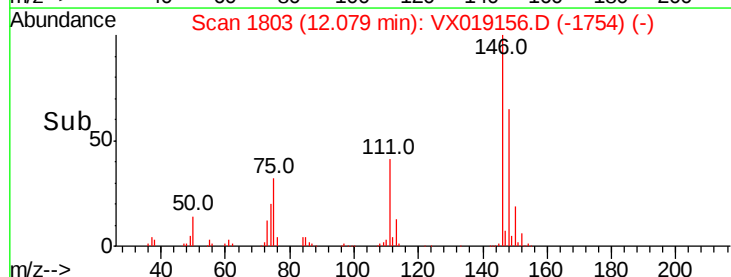
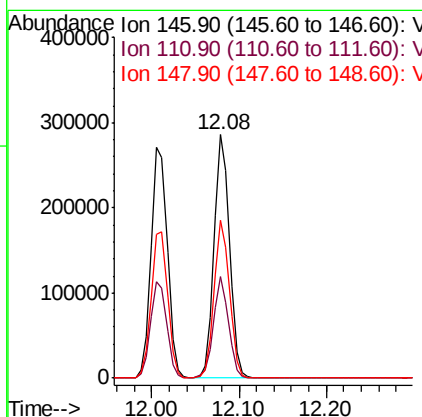
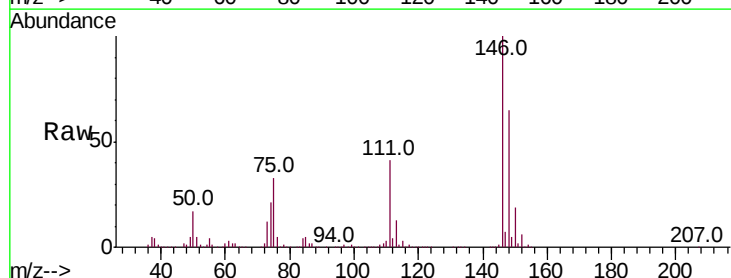
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

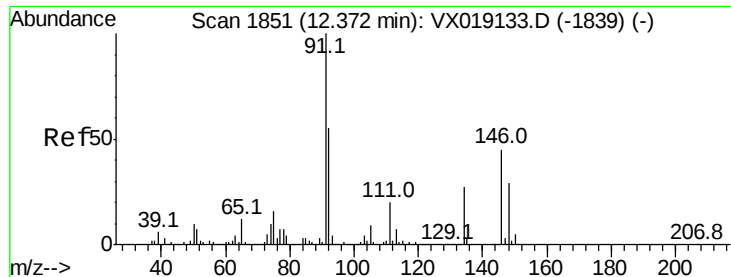
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.4	61.2
148	63.9	31.6	94.8



#88
 1,4-Dichlorobenzene
 Concen: 50.587 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019156.D
 Acq: 28 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.2	60.5
148	64.2	31.3	93.8

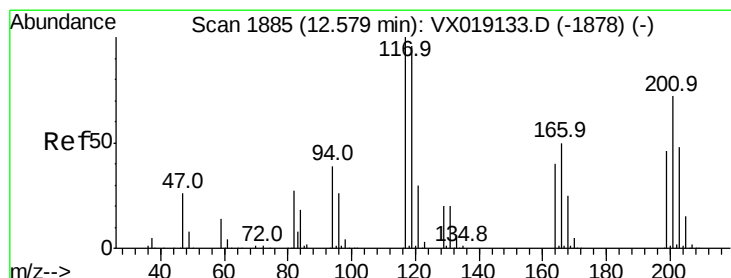
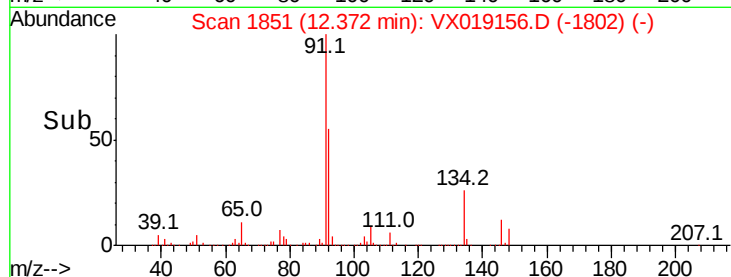
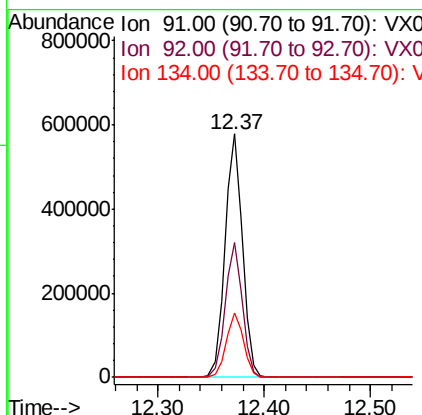
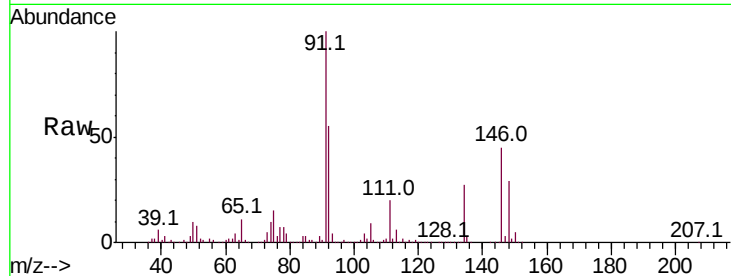




#89
n-Butylbenzene
Concen: 54.507 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019156.D
Acq: 28 Oct 2020 11:07

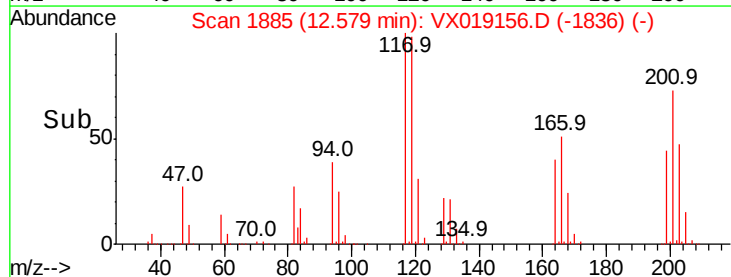
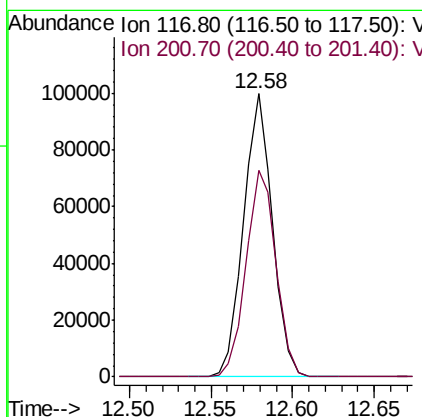
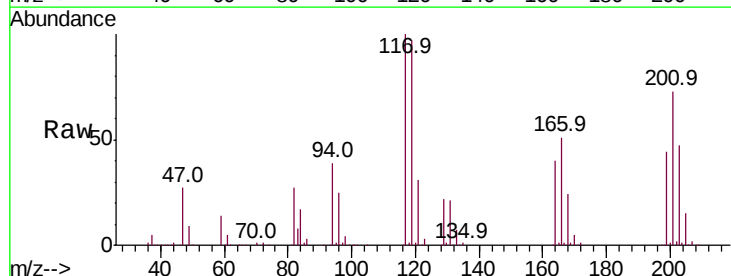
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

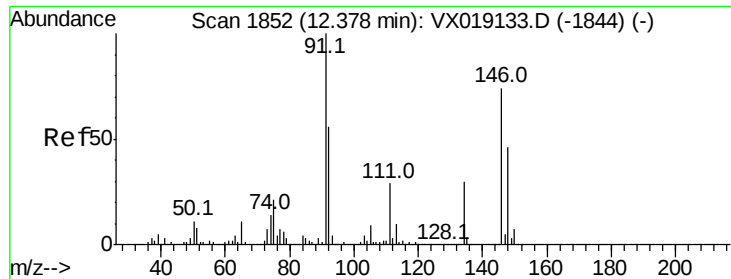
Tot Ion: 91 Resp: 661659
Ion Ratio Lower Upper
91 100
92 54.3 27.5 82.4
134 26.3 13.2 39.6



#90
Hexachloroethane
Concen: 56.107 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019156.D
Acq: 28 Oct 2020 11:07

Tgt Ion: 117 Resp: 123159
Ion Ratio Lower Upper
117 100
201 75.5 38.5 115.3

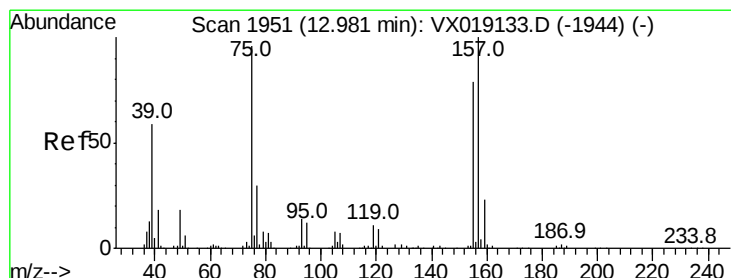
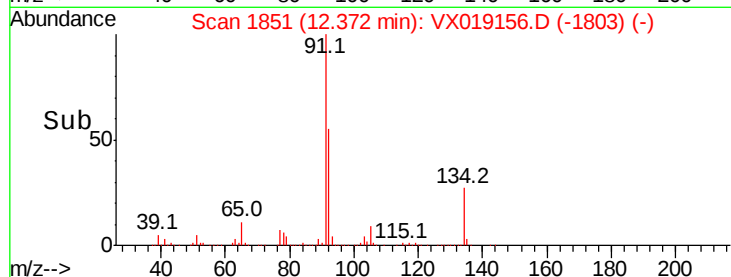
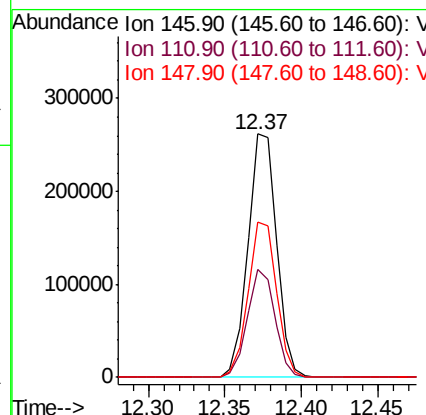
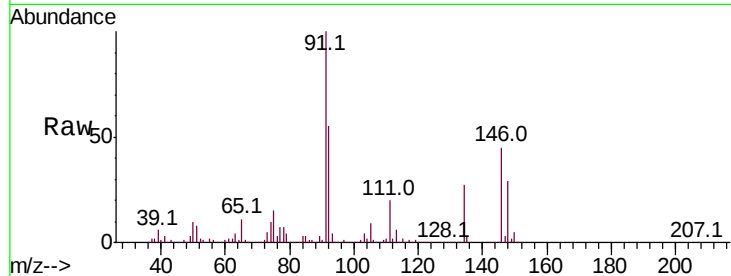




#91
 1,2-Dichlorobenzene
 Concen: 53.128 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX019156.D
 Acq: 28 Oct 2020 11:07

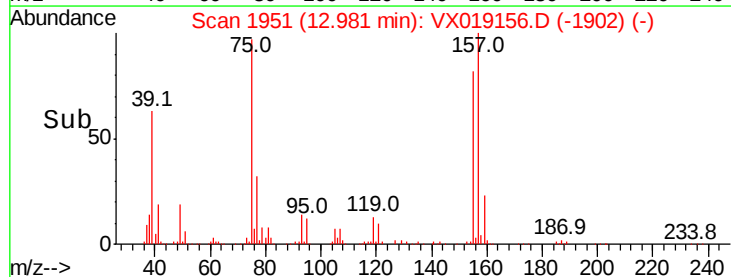
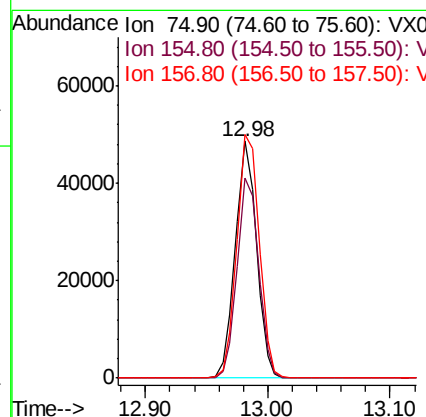
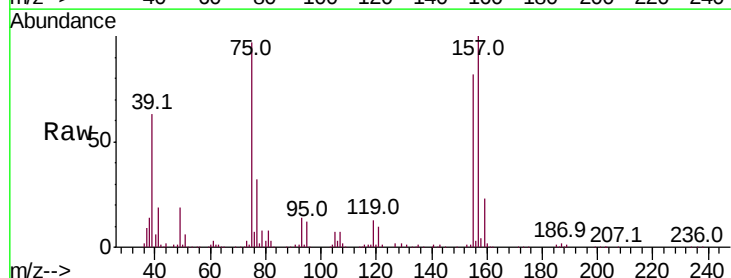
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

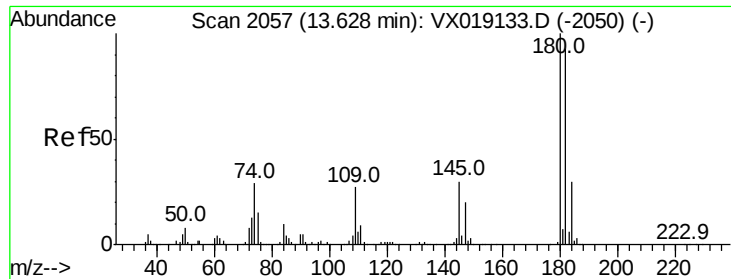
Tot Ion:146 Resp: 340056
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.2 63.6
 148 63.7 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.815 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019156.D
 Acq: 28 Oct 2020 11:07

Tgt Ion: 75 Resp: 58275
 Ion Ratio Lower Upper
 75 100
 155 85.9 42.8 128.4
 157 107.8 54.8 164.4

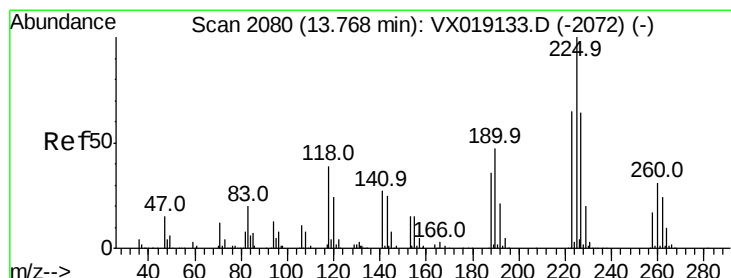
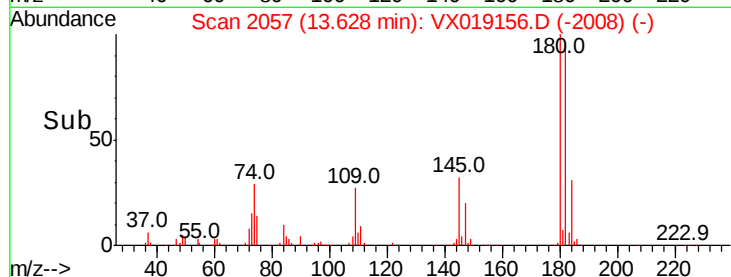
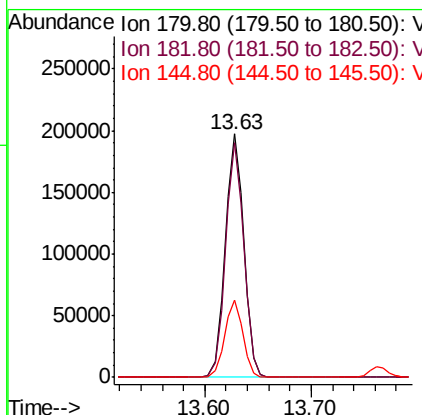
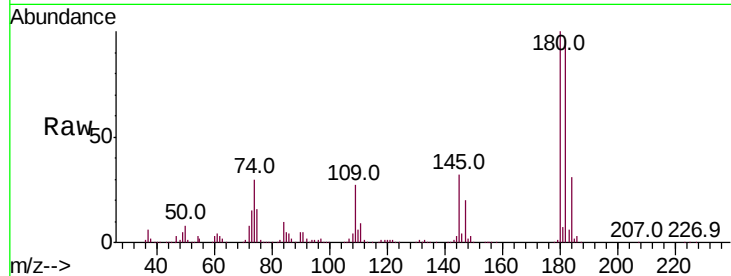




#93
 1,2,4-Trichlorobenzene
 Concen: 49.923 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019156.D
 Acq: 28 Oct 2020 11:07

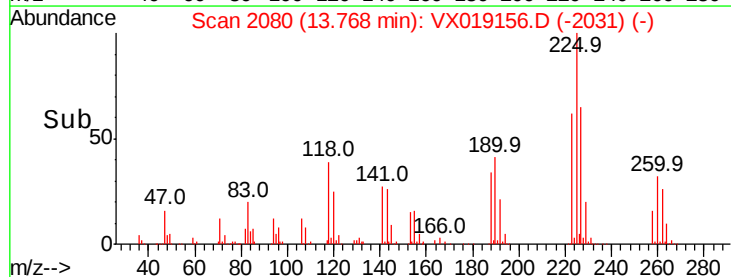
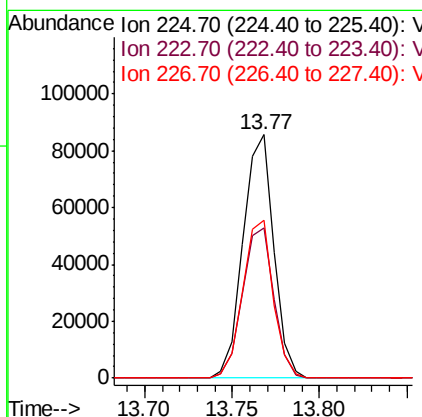
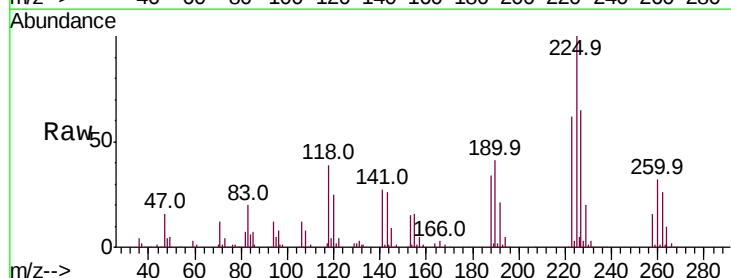
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

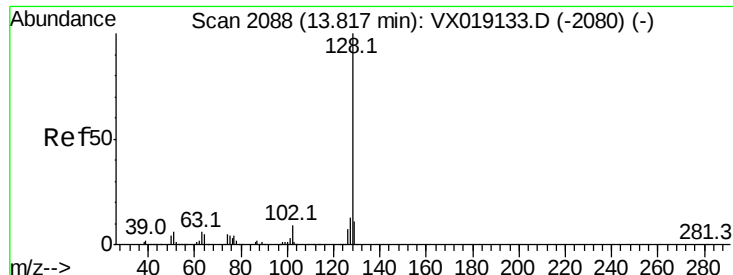
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.8	140.3
145	31.3	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 49.335 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX019156.D
 Acq: 28 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	32.4	97.2
227	64.4	31.6	94.7

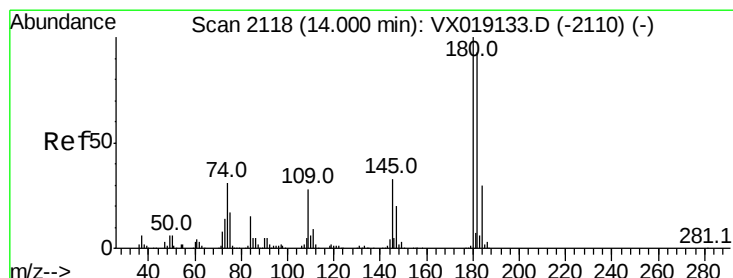
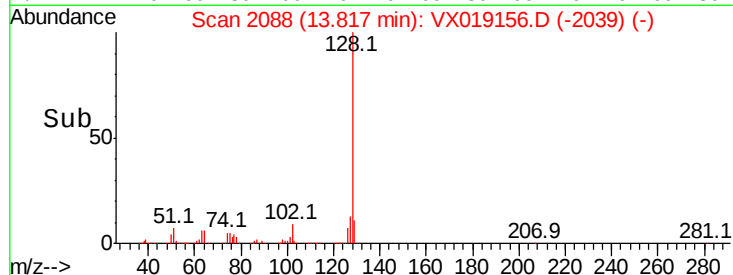
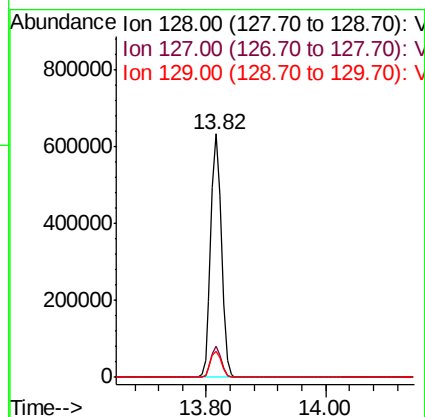
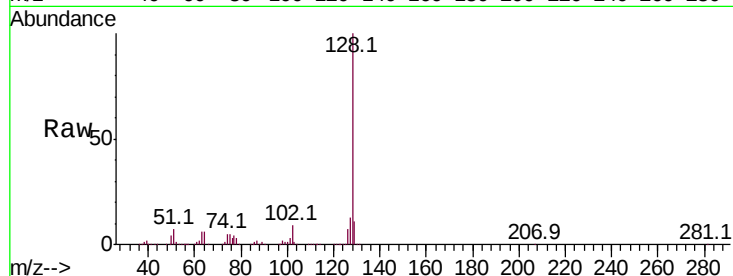




#95
Naphthalene
Concen: 50.680 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019156.D
Acq: 28 Oct 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 767399
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.364 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019156.D
Acq: 28 Oct 2020 11:07

Tgt Ion:180 Resp: 239567
Ion Ratio Lower Upper
180 100
182 91.8 47.8 143.3
145 32.5 16.5 49.5

