

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120920\
 Data File : VX019809.D
 Acq On : 10 Dec 2020 04:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 10 06:47:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	273955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	457758	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	420262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	211754	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	172722	47.97	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.94%	
35) Dibromofluoromethane		5.46	113	140940	47.64	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.28%	
50) Toluene-d8		8.70	98	539833	47.80	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.60%	
62) 4-Bromofluorobenzene		11.12	95	202355	47.07	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	126212	50.320	ug/l	98
3) Chloromethane	1.31	50	133947	45.410	ug/l	100
4) Vinyl Chloride	1.39	62	161619	51.963	ug/l	99
5) Bromomethane	1.62	94	48700	47.156	ug/l	99
6) Chloroethane	1.70	64	102579	54.903	ug/l	97
7) Trichlorofluoromethane	1.91	101	228624	52.781	ug/l	96
8) Diethyl Ether	2.17	74	95259	51.897	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	132744	53.466	ug/l	99
10) Methyl Iodide	2.49	142	169085	46.204	ug/l	100
11) Tert butyl alcohol	3.01	59	204169	276.094	ug/l	99
12) 1,1-Dichloroethene	2.36	96	136059	54.206	ug/l	99
13) Acrolein	2.27	56	87521	220.215	ug/l	99
14) Allyl chloride	2.70	41	215001	50.717	ug/l	98
15) Acrylonitrile	3.11	53	438626	269.472	ug/l	99
16) Acetone	2.42	43	347285	256.609	ug/l	100
17) Carbon Disulfide	2.55	76	341492	47.416	ug/l	99
18) Methyl Acetate	2.75	43	187405	56.587	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	493204	53.955	ug/l	99
20) Methylene Chloride	2.83	84	163847	53.119	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	152424	52.087	ug/l	98
22) Diisopropyl ether	3.82	45	465397	54.299	ug/l	94
23) Vinyl Acetate	3.78	43	1988300	272.290	ug/l	100
24) 1,1-Dichloroethane	3.67	63	274337	53.078	ug/l	99
25) 2-Butanone	4.63	43	562775	270.619	ug/l	99
26) 2,2-Dichloropropane	4.55	77	185022	41.568	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	177854	51.935	ug/l	97
28) Bromochloromethane	4.98	49	121388	49.266	ug/l	99
29) Tetrahydrofuran	5.09	42	362802	270.778	ug/l	100
30) Chloroform	5.17	83	282984	53.247	ug/l	99
31) Cyclohexane	5.54	56	234450	52.346	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	244203	53.358	ug/l	100
36) 1,1-Dichloropropene	5.76	75	205833	49.761	ug/l	100
37) Ethyl Acetate	4.79	43	216194	51.765	ug/l	99
38) Carbon Tetrachloride	5.75	117	208688	51.520	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	240378	49.462	ug/l	99
40) Benzene	6.11	78	643916	50.960	ug/l	99
41) Methacrylonitrile	5.00	41	117990	51.455	ug/l	98
42) 1,2-Dichloroethane	6.16	62	220727	51.128	ug/l	100
43) Isopropyl Acetate	6.41	43	349696	51.501	ug/l	100
44) Trichloroethene	7.18	130	167002	50.373	ug/l	99
45) 1,2-Dichloropropane	7.49	63	164121	51.970	ug/l	98
46) Dibromomethane	7.63	93	110366	51.751	ug/l	99
47) Bromodichloromethane	7.87	83	220019	51.991	ug/l	99
48) Methyl methacrylate	7.74	41	174547	52.269	ug/l	99
49) 1,4-Dioxane	7.71	88	84862	1049.023	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1108815	267.472	ug/l	100
52) Toluene	8.76	92	405546	51.317	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	234149	49.861	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	257916	50.554	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	166175	52.179	ug/l	99
56) Ethyl methacrylate	9.16	69	258491	53.647	ug/l	98
57) 1,3-Dichloropropane	9.35	76	279797	51.452	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	677146	265.278	ug/l	99
59) 2-Hexanone	9.47	43	851203	264.896	ug/l	99
60) Dibromochloromethane	9.56	129	170674	52.748	ug/l	99
61) 1,2-Dibromoethane	9.65	107	174589	51.626	ug/l	100
64) Tetrachloroethene	9.32	164	143450	50.898	ug/l	98
65) Chlorobenzene	10.12	112	426599	50.951	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	161717	53.662	ug/l	99
67) Ethyl Benzene	10.23	91	770084	51.815	ug/l	100
68) m/p-Xylenes	10.34	106	582197	103.959	ug/l	99
69) o-Xylene	10.68	106	280990	52.159	ug/l	99
70) Styrene	10.70	104	476461	52.399	ug/l	99
71) Bromoform	10.84	173	126680	53.435	ug/l #	100
73) Isopropylbenzene	11.00	105	756306	52.278	ug/l	99
74) N-amyl acetate	10.88	43	299153	51.600	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	265785	52.110	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	299382	63.037	ug/l	88
77) Bromobenzene	11.24	156	189482	51.180	ug/l	98
78) n-propylbenzene	11.34	91	856997	51.866	ug/l	99
79) 2-Chlorotoluene	11.40	91	518341	50.940	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	632428	51.797	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	79119	48.159	ug/l	99
82) 4-Chlorotoluene	11.49	91	605616	50.819	ug/l	98
83) tert-Butylbenzene	11.75	119	621827	51.928	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	640940	52.113	ug/l	100
85) sec-Butylbenzene	11.93	105	711794	52.063	ug/l	100
86) p-Isopropyltoluene	12.05	119	659381	52.625	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	338745	49.852	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	341323	49.318	ug/l	100
89) n-Butylbenzene	12.37	91	559714	50.420	ug/l	100
90) Hexachloroethane	12.58	117	114360	52.866	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	343847	51.910	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	59112	53.911	ug/l	98

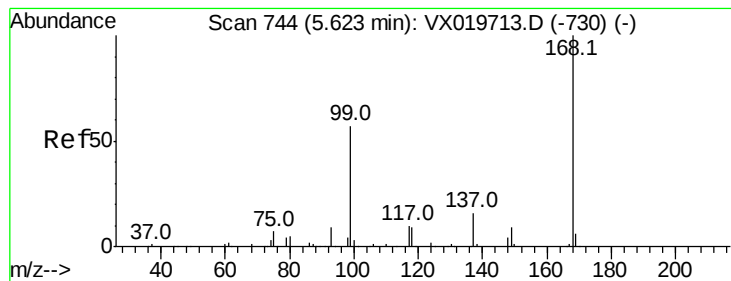
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	219623	50.934	ug/l	99
94) Hexachlorobutadiene	13.77	225	95442	49.523	ug/l	100
95) Naphthalene	13.82	128	776073	55.517	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	221450	52.551	ug/l	99

(#) = 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. 0.00 min

Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

Instrument :

MSVOA_X

ClientSampleId :

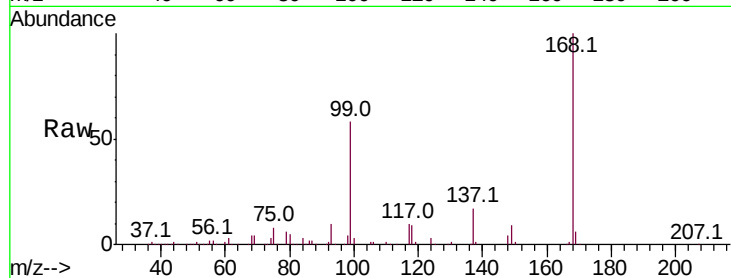
VSTDCCC050EC

Tot Ion:168 Resp: 273955

Ion Ratio Lower Upper

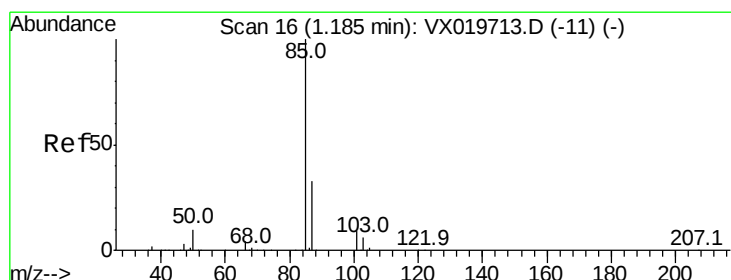
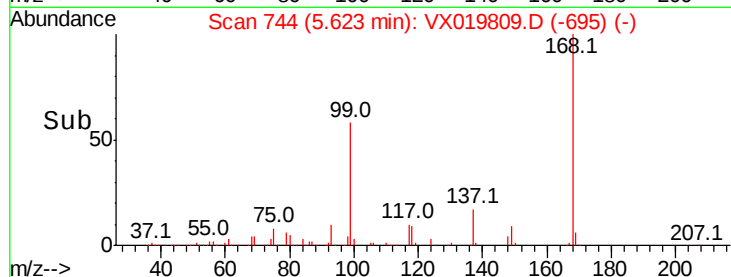
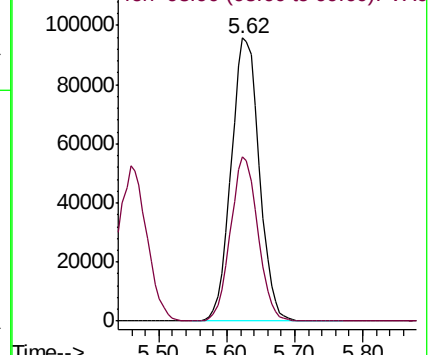
168 100

99 57.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.320 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019809.D

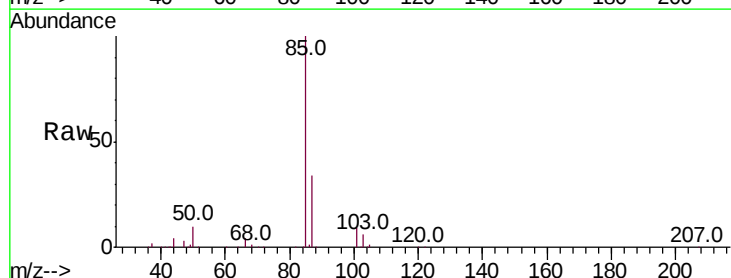
Acq: 10 Dec 2020 04:34

Tgt Ion: 85 Resp: 126212

Ion Ratio Lower Upper

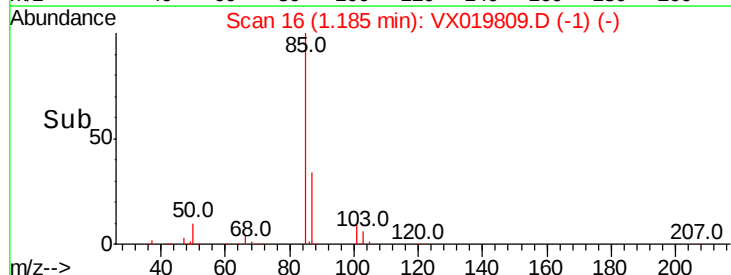
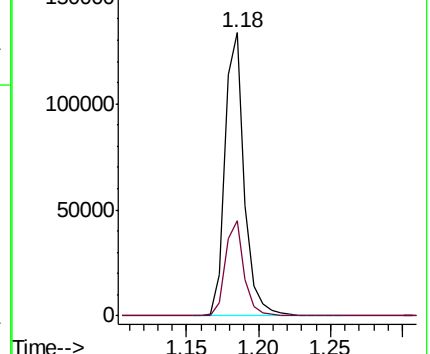
85 100

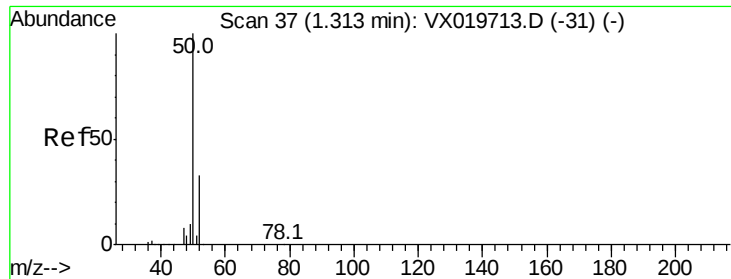
87 33.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.410 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

Instrument :

MSVOA_X

ClientSampleId :

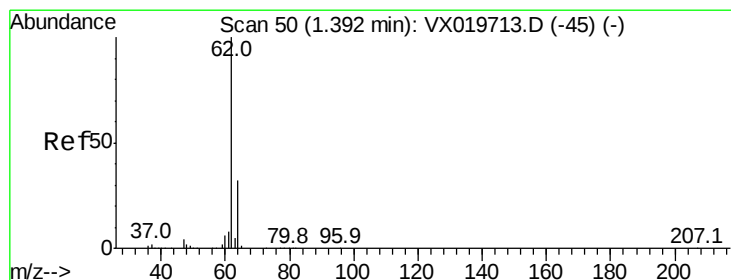
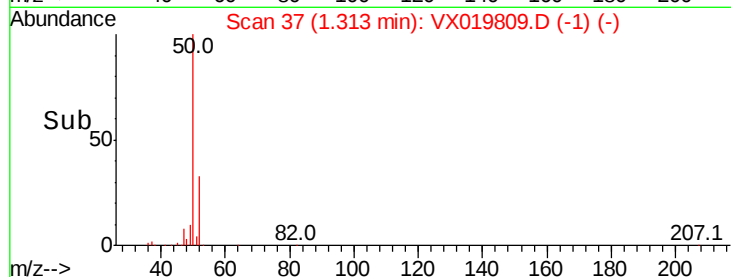
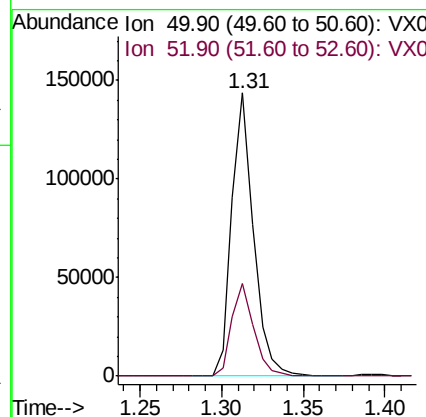
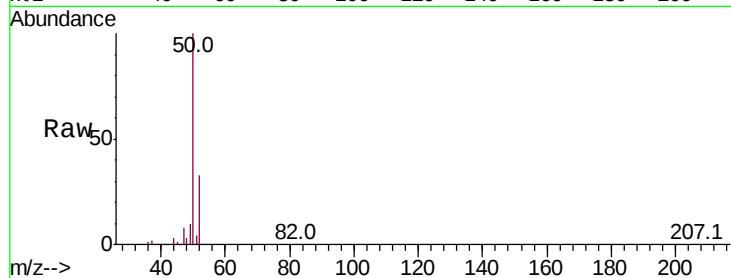
VSTDCCC050EC

Tot Ion: 50 Resp: 133947

Ion Ratio Lower Upper

50 100

52 32.9 26.4 39.6



#4

Vinyl Chloride

Concen: 51.963 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019809.D

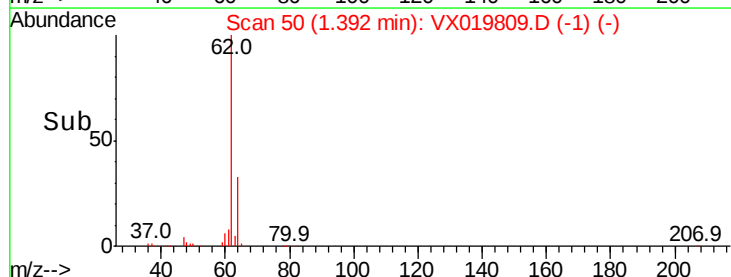
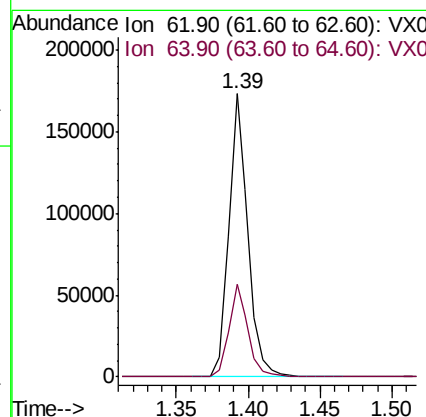
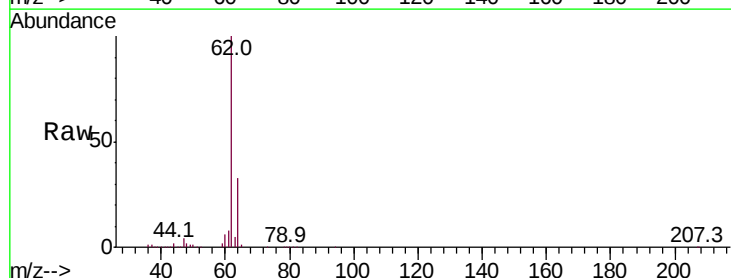
Acq: 10 Dec 2020 04:34

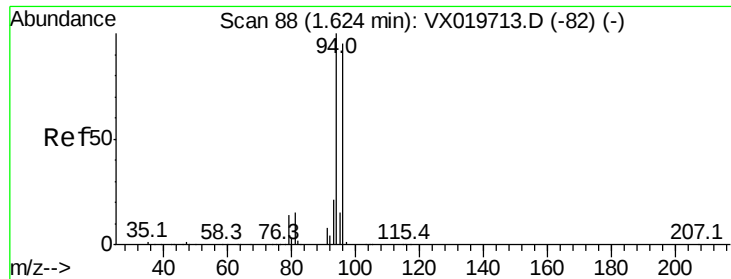
Tgt Ion: 62 Resp: 161619

Ion Ratio Lower Upper

62 100

64 32.6 25.7 38.5





#5

Bromomethane

Concen: 47.156 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

Instrument :

MSVOA_X

ClientSampleId :

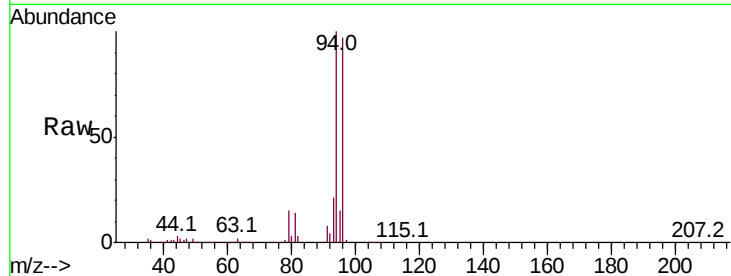
VSTDCCC050EC

Tot Ion: 94 Resp: 48700

Ion Ratio Lower Upper

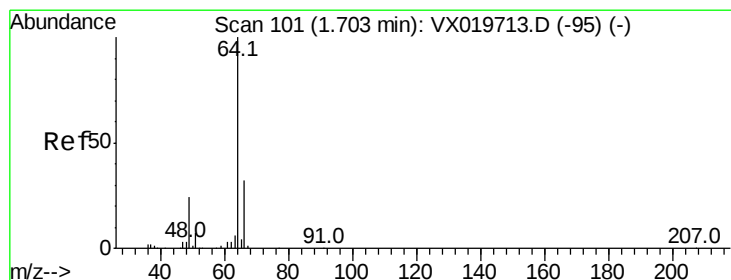
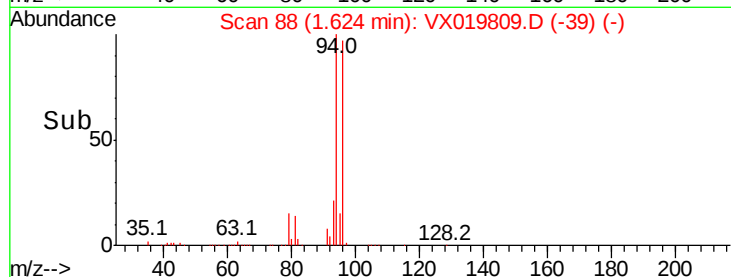
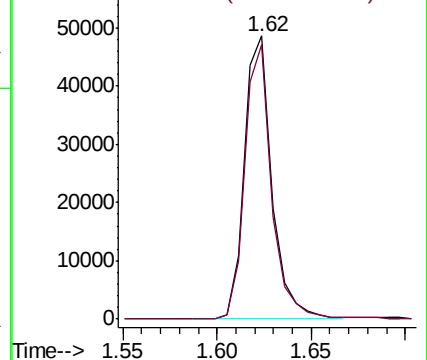
94 100

96 96.8 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.903 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX019809.D

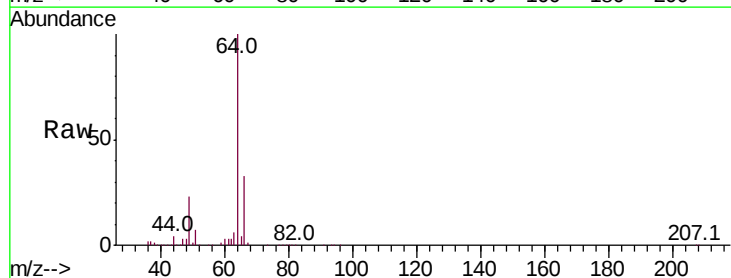
Acq: 10 Dec 2020 04:34

Tgt Ion: 64 Resp: 102579

Ion Ratio Lower Upper

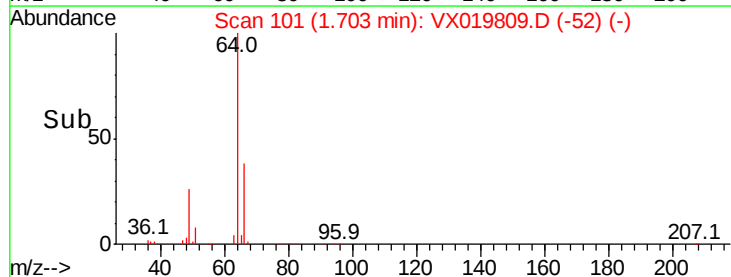
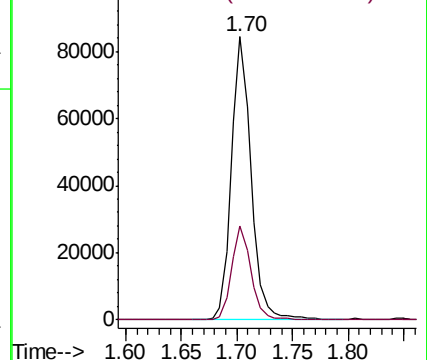
64 100

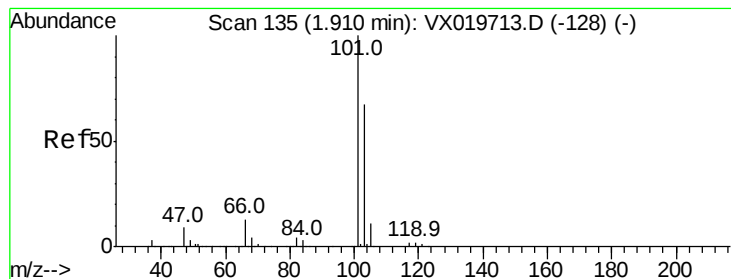
66 33.3 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



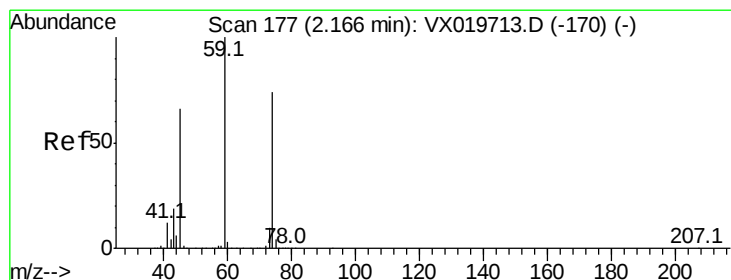
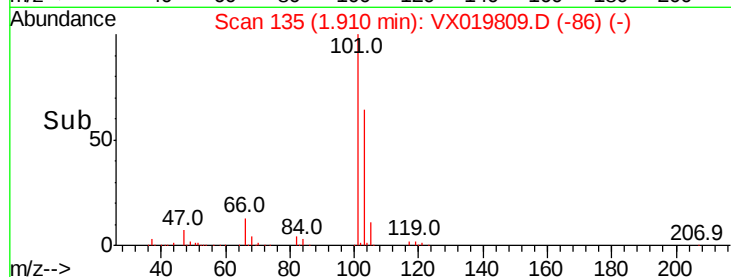
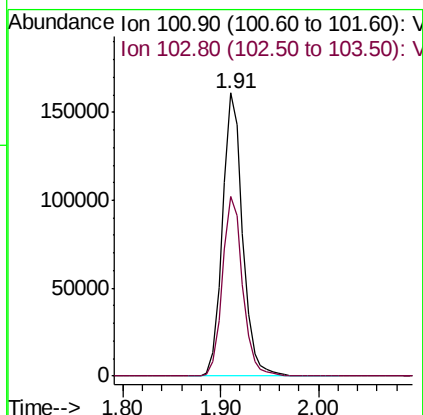
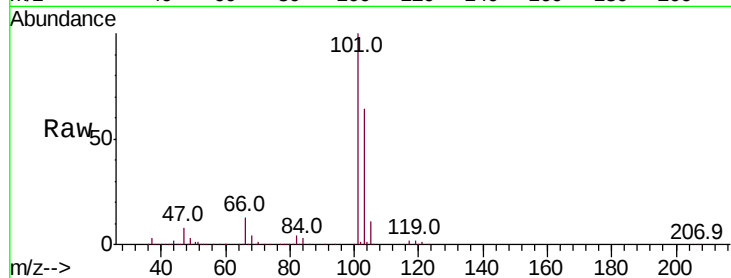


#7

Trichlorofluoromethane
 Concen: 52.781 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. 0.00 min
 Lab File: VX019809.D
 Acq: 10 Dec 2020 04:34

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

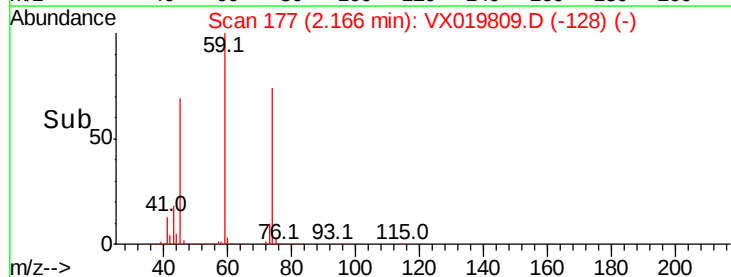
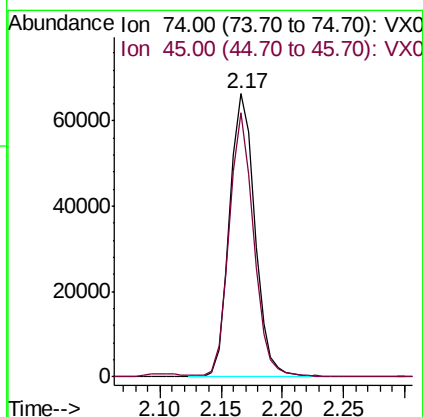
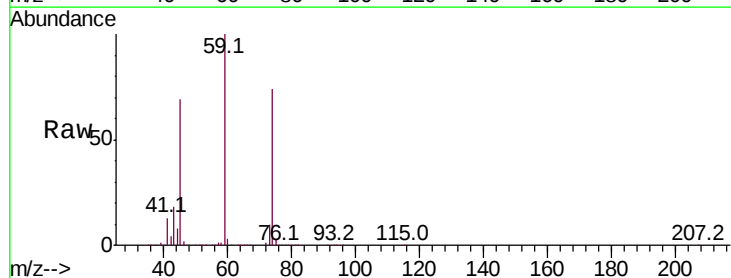
Tot Ion:101 Resp: 228624
 Ion Ratio Lower Upper
 101 100
 103 63.7 53.2 79.8

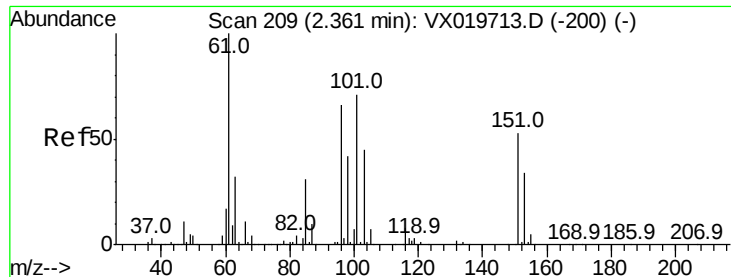


#8

Diethyl Ether
 Concen: 51.897 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX019809.D
 Acq: 10 Dec 2020 04:34

Tgt Ion: 74 Resp: 95259
 Ion Ratio Lower Upper
 74 100
 45 89.3 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.466 ug/l

RT: 2.36 min Scan# 209

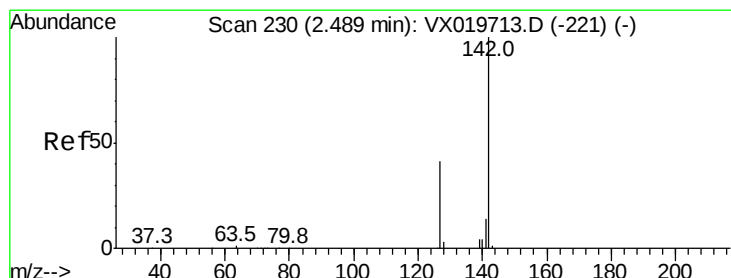
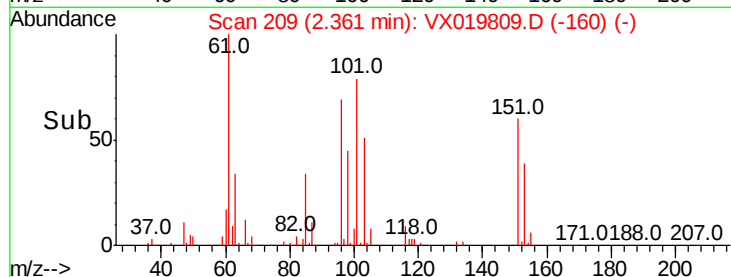
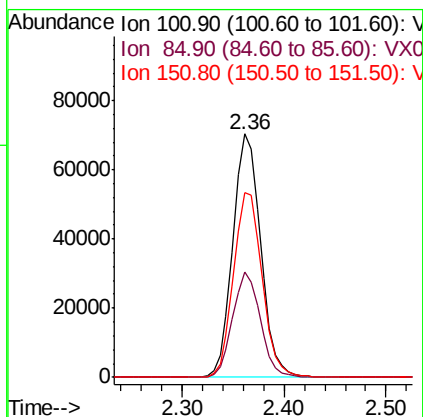
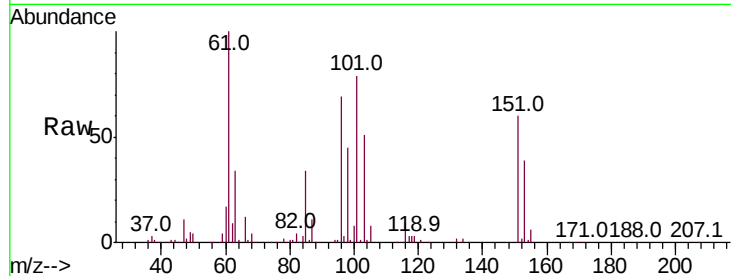
Delta R.T. 0.00 min

Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

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Tot Ion	Ratio	Lower	Upper
101	100		
85	43.0	34.9	52.3
151	77.9	61.4	92.2



#10

Methyl Iodide

Concen: 46.204 ug/l

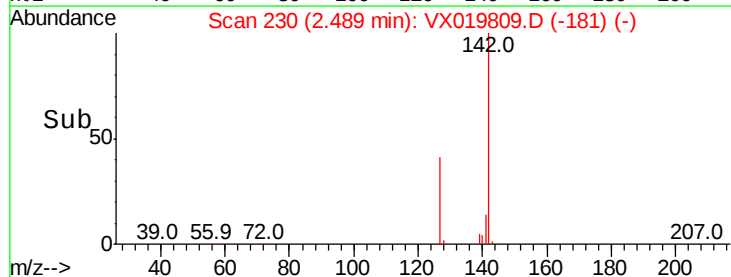
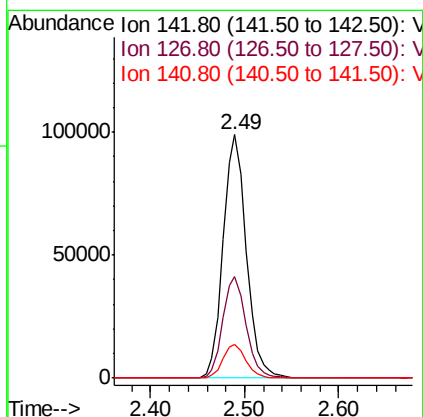
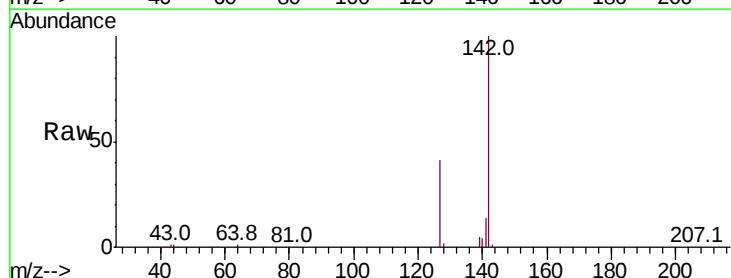
RT: 2.49 min Scan# 230

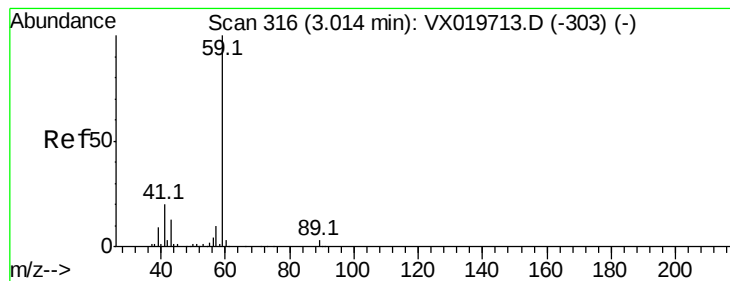
Delta R.T. 0.00 min

Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.8	33.3	49.9
141	14.0	11.4	17.0



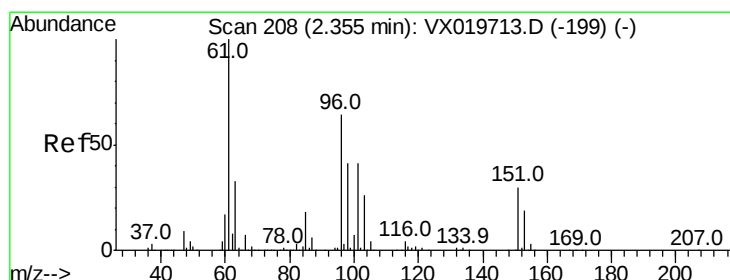
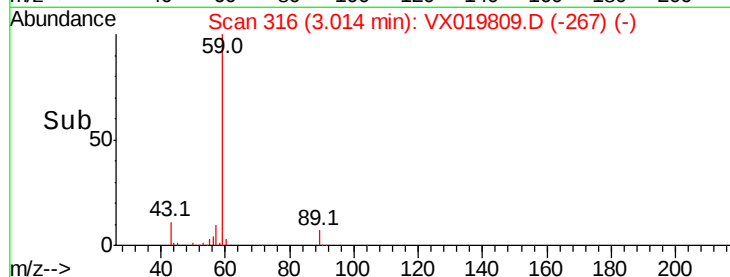
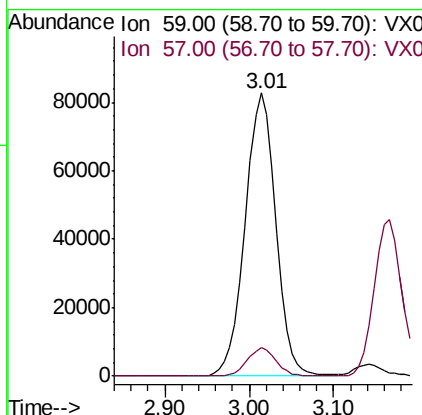
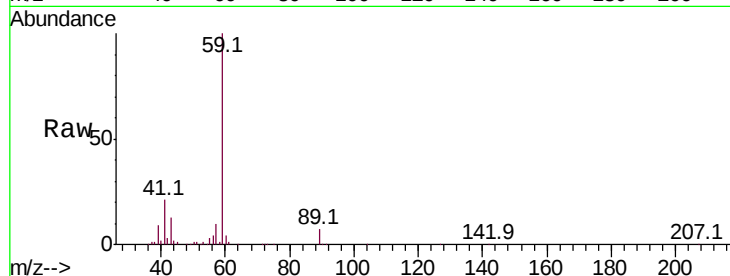


#11

Tert butyl alcohol
 Concen: 276.094 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX019809.D
 Acq: 10 Dec 2020 04:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

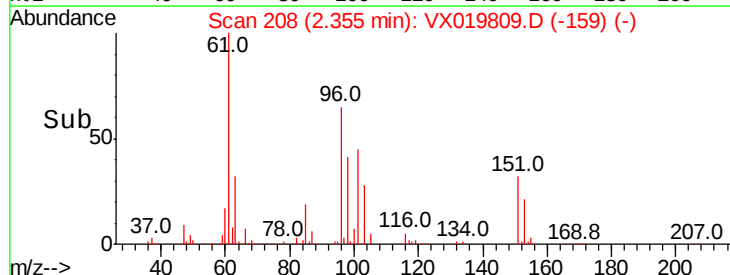
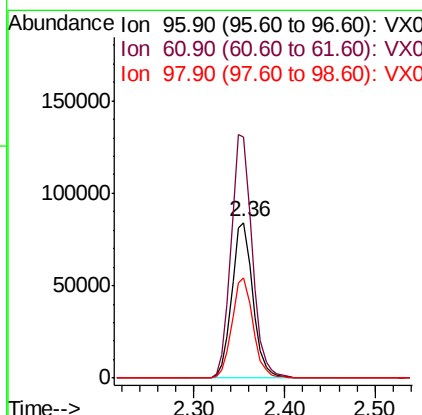
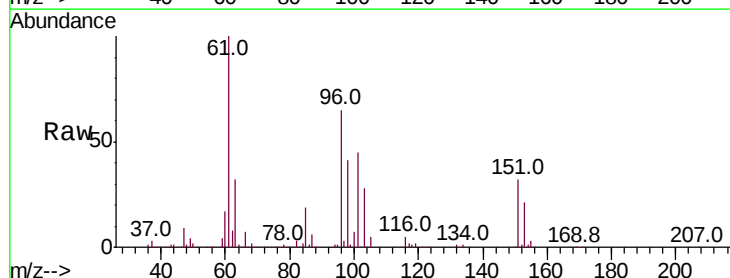
Tot Ion: 59 Resp: 204169
 Ion Ratio Lower Upper
 59 100
 57 9.4 7.8 11.8

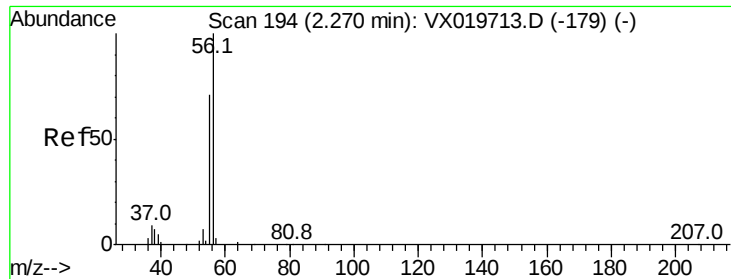


#12

1,1-Dichloroethene
 Concen: 54.206 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX019809.D
 Acq: 10 Dec 2020 04:34

Tgt Ion: 96 Resp: 136059
 Ion Ratio Lower Upper
 96 100
 61 154.9 124.6 187.0
 98 64.2 50.6 76.0





#13

Acrolein

Concen: 220.215 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

Instrument :

MSVOA_X

ClientSampleId :

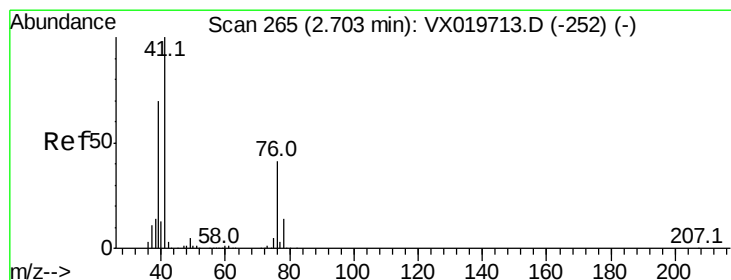
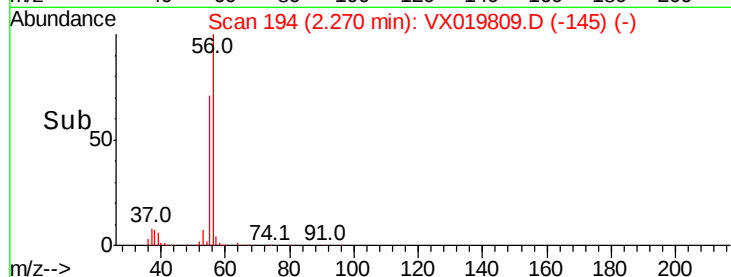
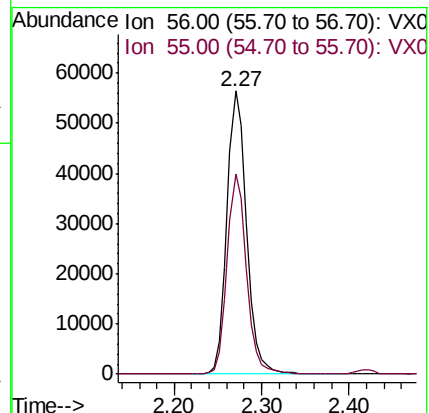
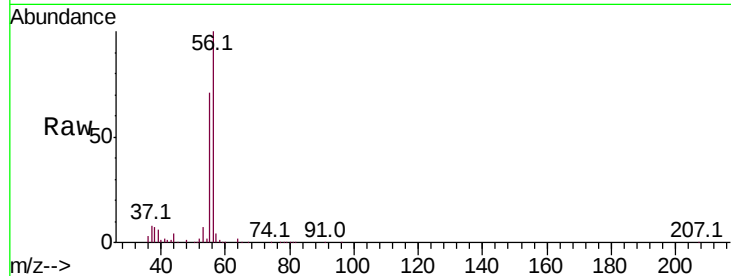
VSTDCCC050EC

Tot Ion: 56 Resp: 87521

Ion Ratio Lower Upper

56 100

55 70.0 56.4 84.6



#14

Allyl chloride

Concen: 50.717 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

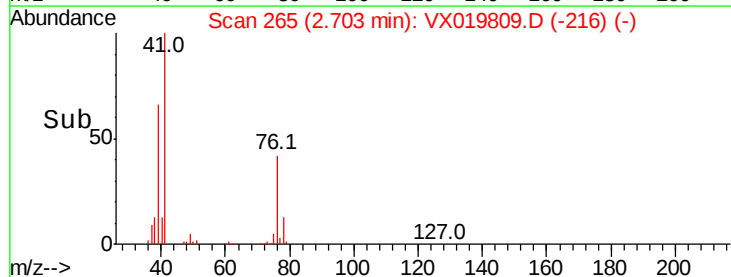
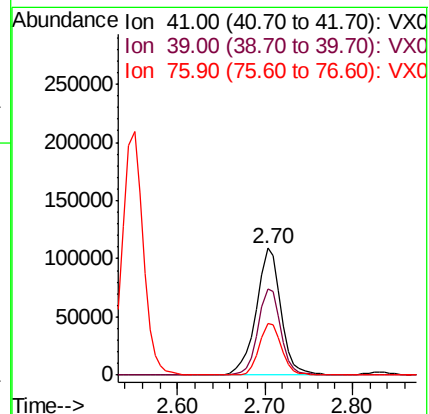
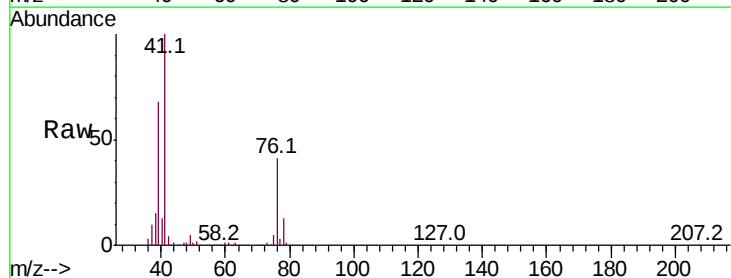
Tgt Ion: 41 Resp: 215001

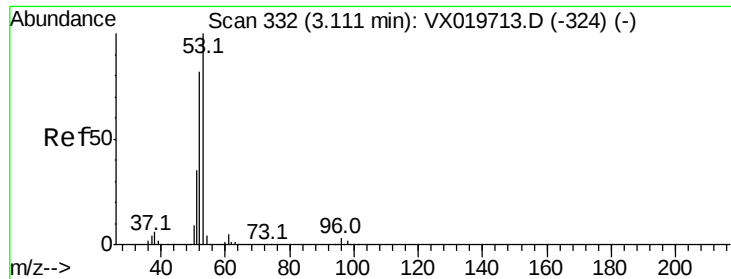
Ion Ratio Lower Upper

41 100

39 62.9 51.6 77.4

76 36.9 30.5 45.7





#15

Acrylonitrile

Concen: 269.472 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

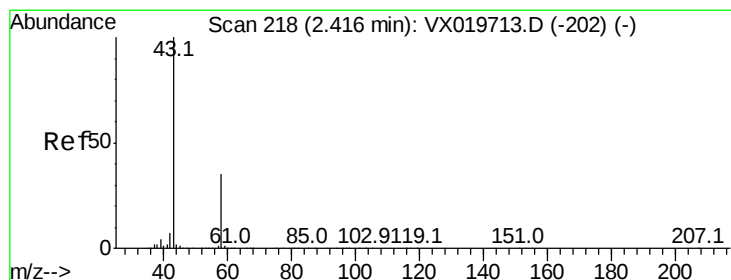
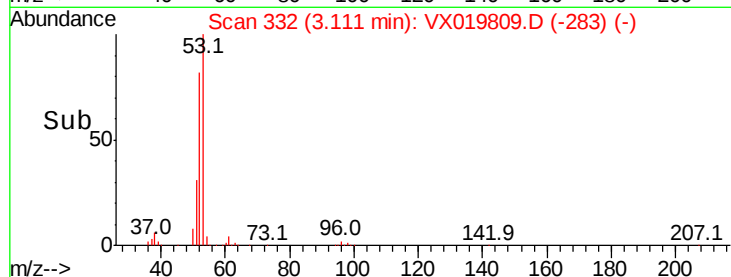
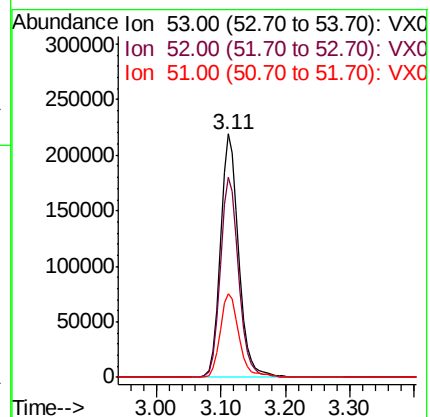
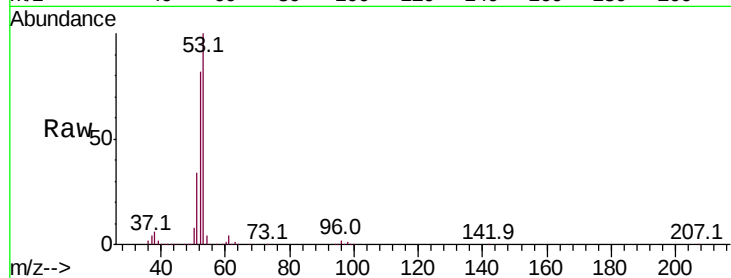
Tot Ion: 53 Resp: 438626

Ion Ratio Lower Upper

53 100

52 82.6 65.3 97.9

51 35.2 28.2 42.2



#16

Acetone

Concen: 256.609 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019809.D

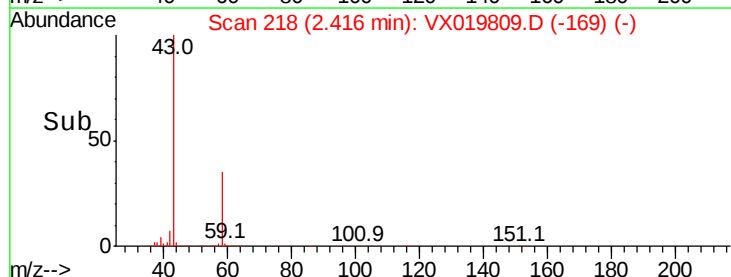
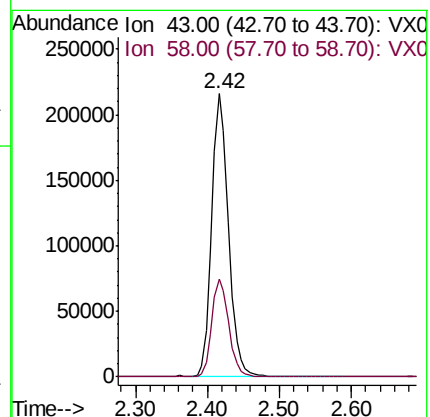
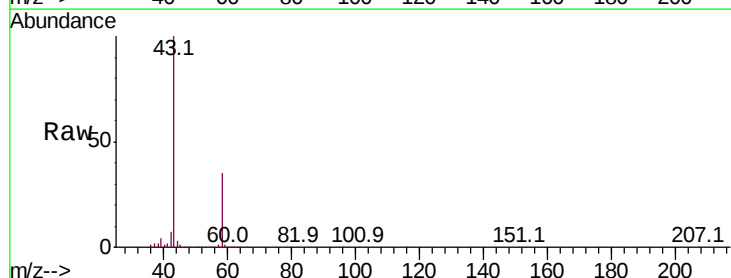
Acq: 10 Dec 2020 04:34

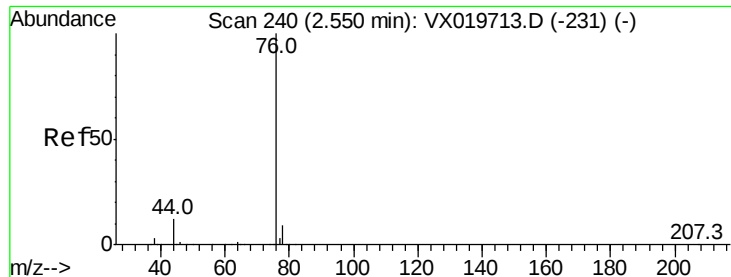
Tgt Ion: 43 Resp: 347285

Ion Ratio Lower Upper

43 100

58 34.6 27.8 41.8

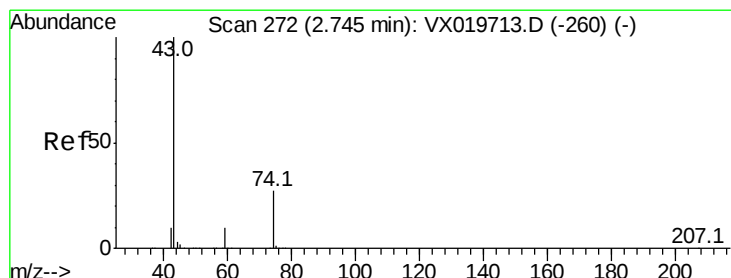
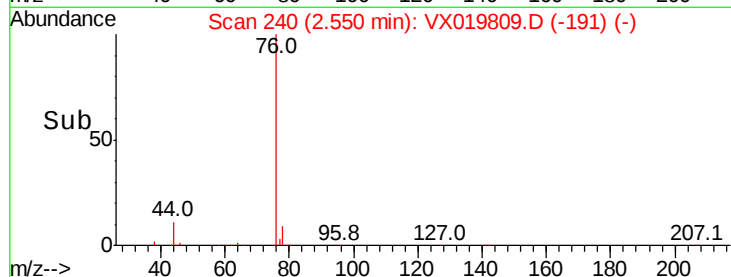
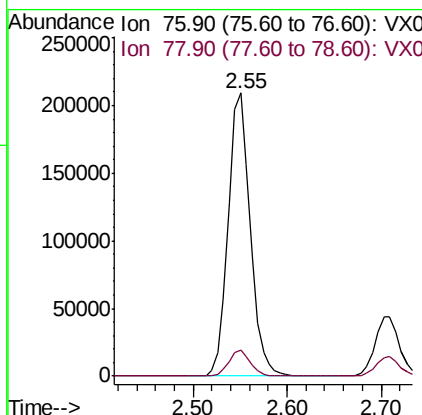
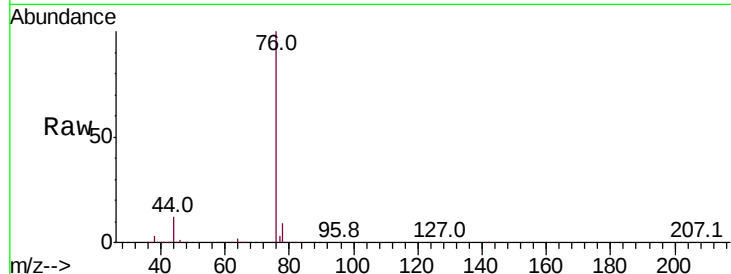




#17
Carbon Disulfide
Concen: 47.416 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019809.D
Acq: 10 Dec 2020 04:34

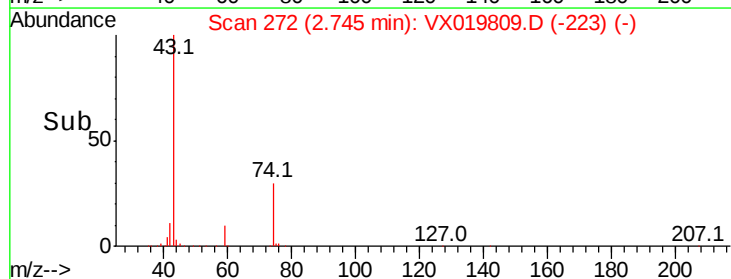
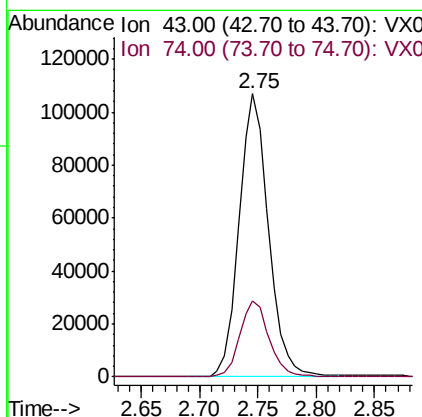
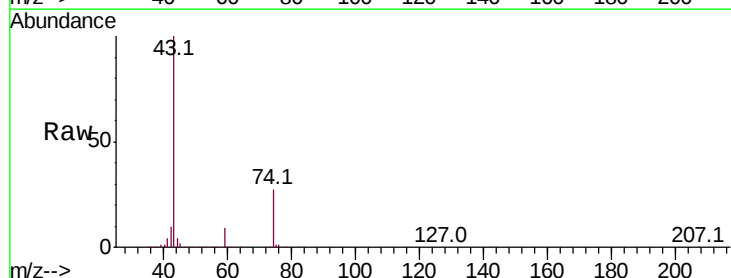
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

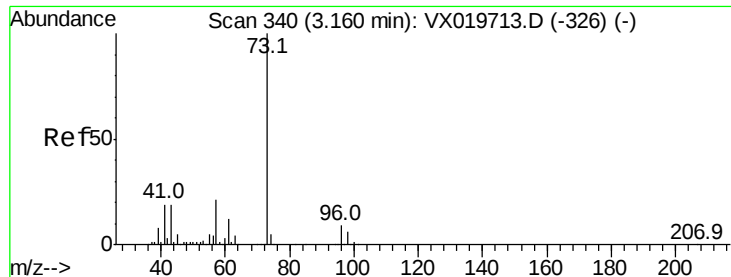
Tot Ion: 76 Resp: 341492
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 56.587 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX019809.D
Acq: 10 Dec 2020 04:34

Tgt Ion: 43 Resp: 187405
Ion Ratio Lower Upper
43 100
74 27.4 21.9 32.9



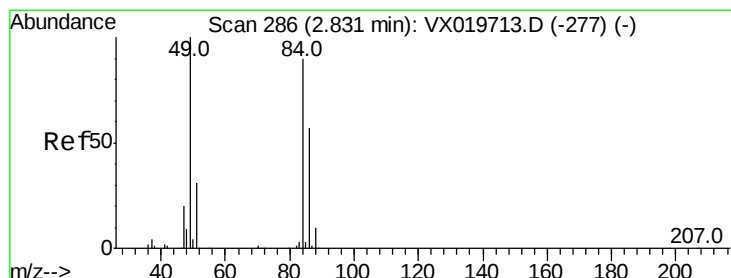
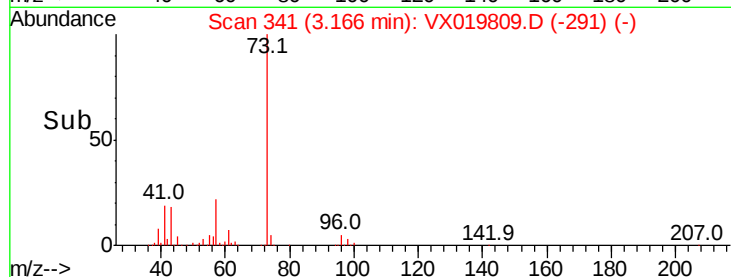
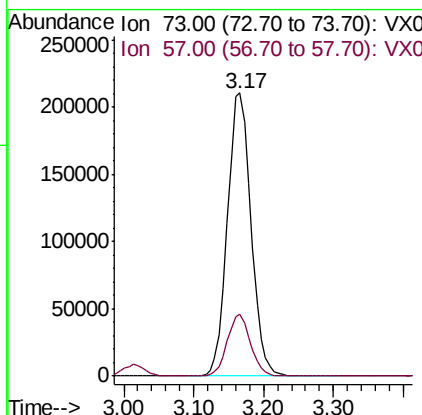
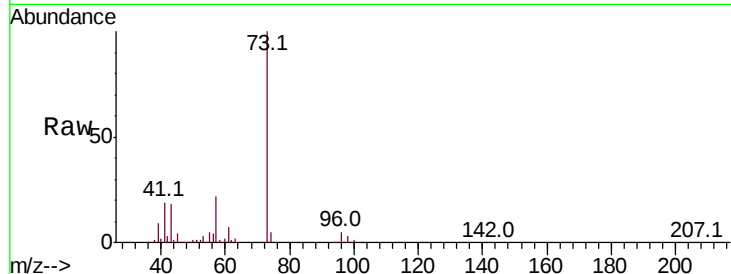


#19

Methyl tert-butyl Ether
 Concen: 53.955 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.01 min
 Lab File: VX019809.D
 Acq: 10 Dec 2020 04:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

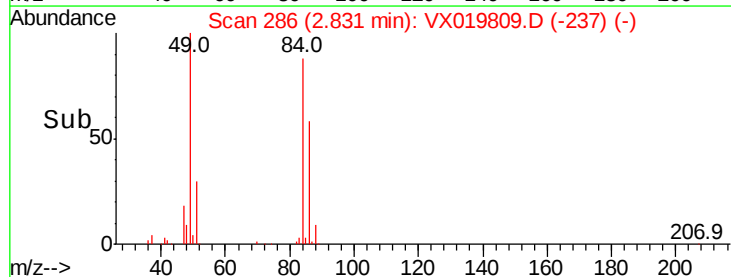
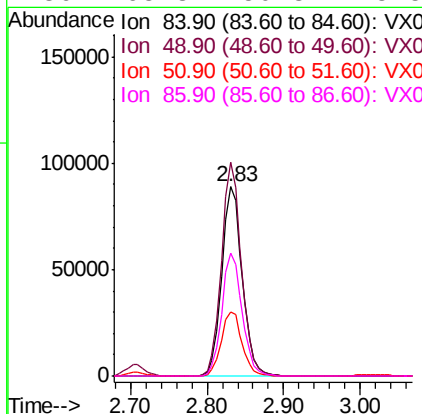
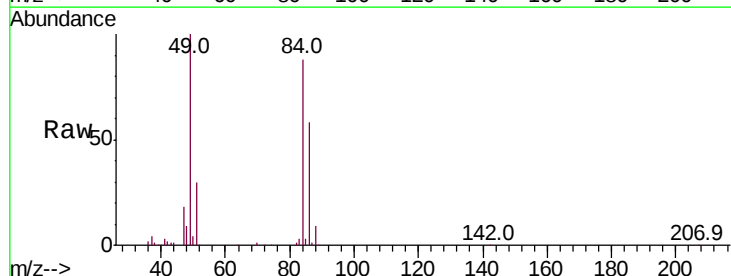
Tot Ion: 73 Resp: 493204
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.1 25.7

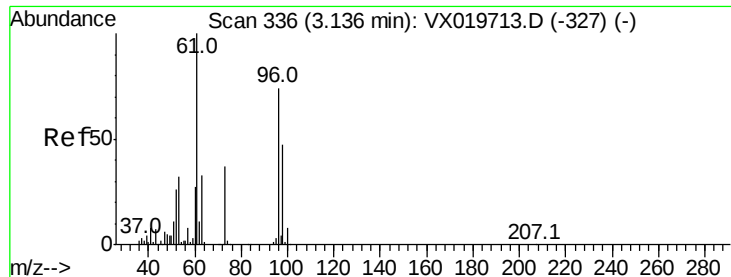


#20

Methylene Chloride
 Concen: 53.119 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX019809.D
 Acq: 10 Dec 2020 04:34

Tgt Ion: 84 Resp: 163847
 Ion Ratio Lower Upper
 84 100
 49 113.0 88.6 132.8
 51 33.9 27.0 40.6
 86 65.3 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 52.087 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

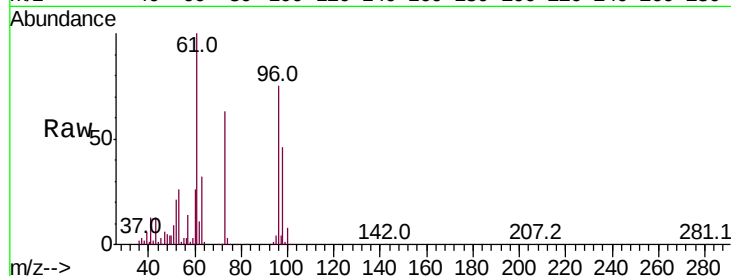
Tot Ion: 96 Resp: 152424

Ion Ratio Lower Upper

96 100

61 133.0 107.7 161.5

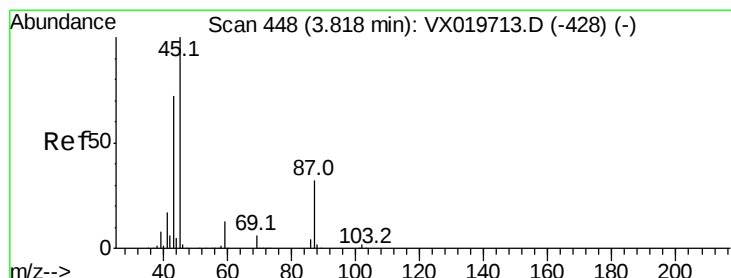
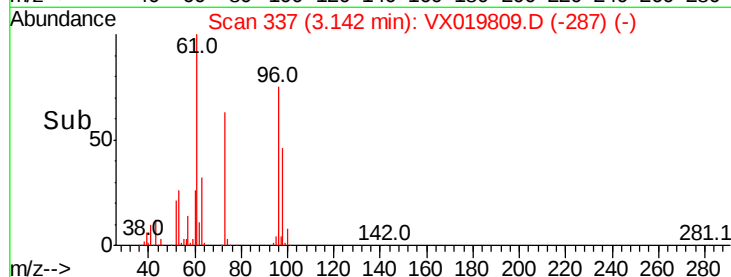
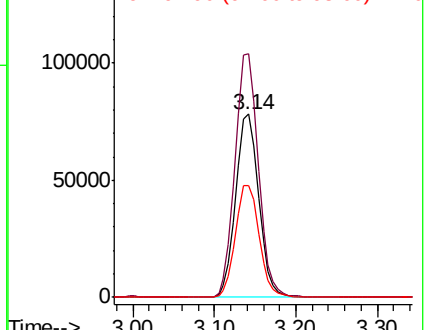
98 61.2 50.4 75.6



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: 54.299 ug/l

RT: 3.82 min Scan# 448

Delta R.T. 0.00 min

Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

Tgt Ion: 45 Resp: 465397

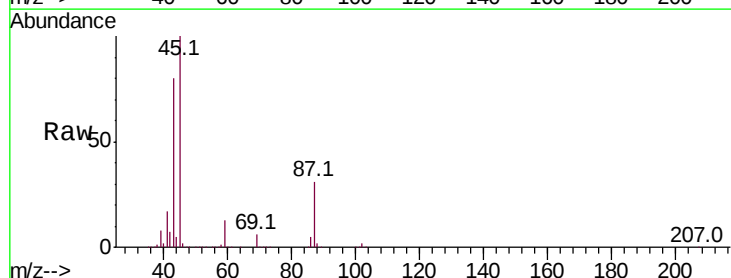
Ion Ratio Lower Upper

45 100

43 79.6 58.0 87.0

87 30.8 25.4 38.0

59 12.8 10.2 15.2

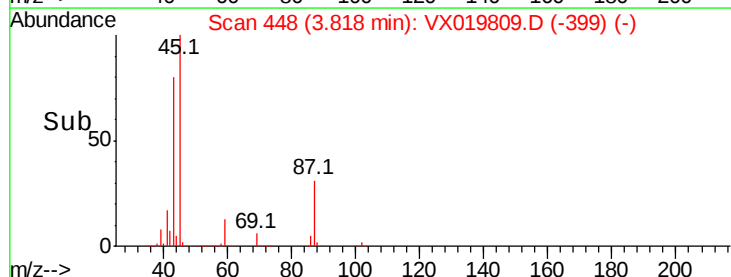
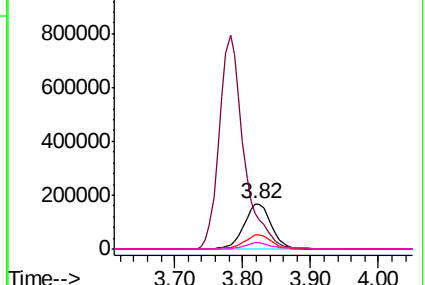


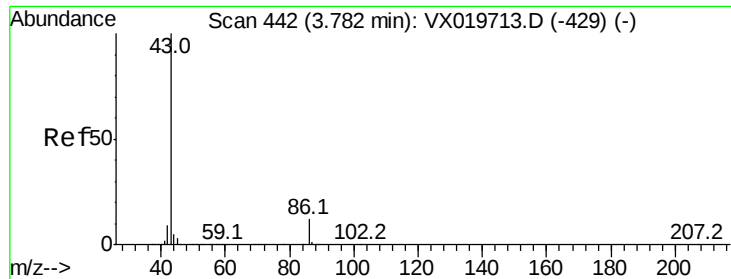
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 272.290 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

Instrument :

MSVOA_X

ClientSampleId :

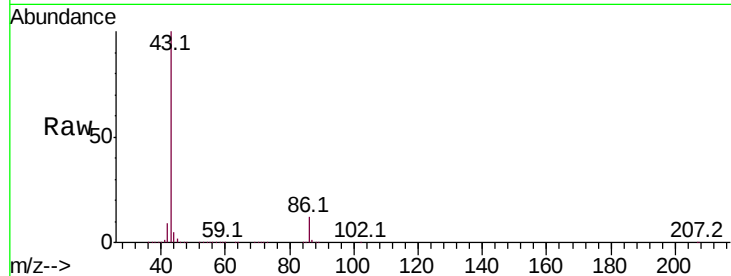
VSTDCCC050EC

Tot Ion: 43 Resp: 1988300

Ion Ratio Lower Upper

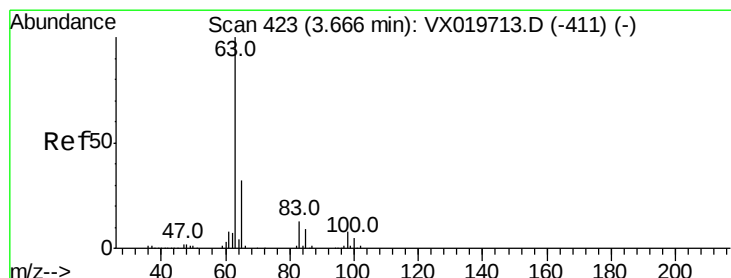
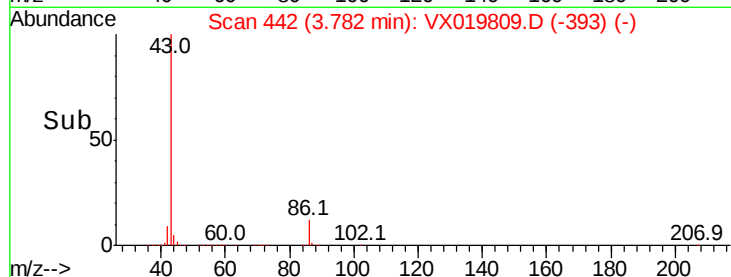
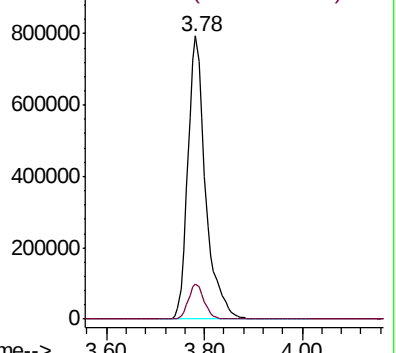
43 100

86 12.3 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 53.078 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

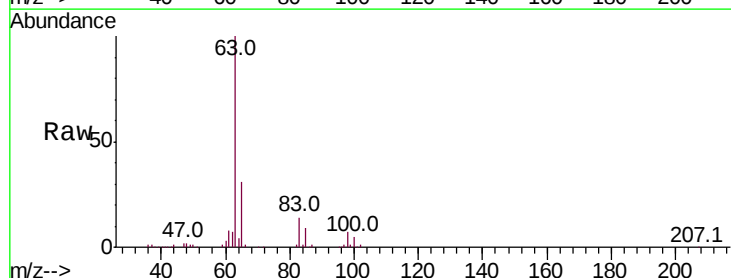
Tgt Ion: 63 Resp: 274337

Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.2

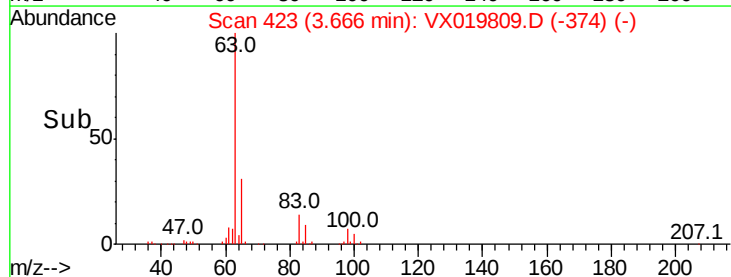
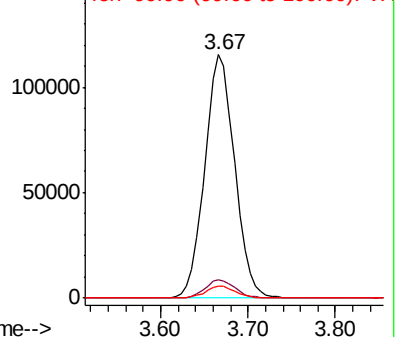
100 4.7 2.5 7.5

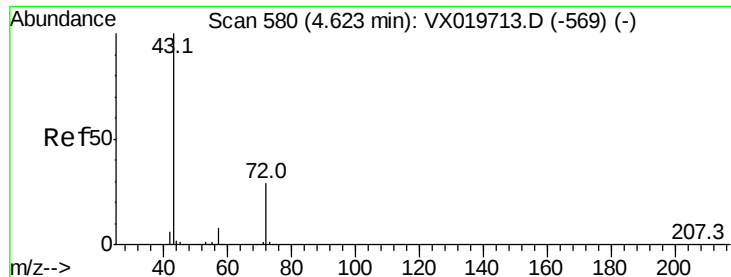


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 270.619 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

Instrument :

MSVOA_X

ClientSampleId :

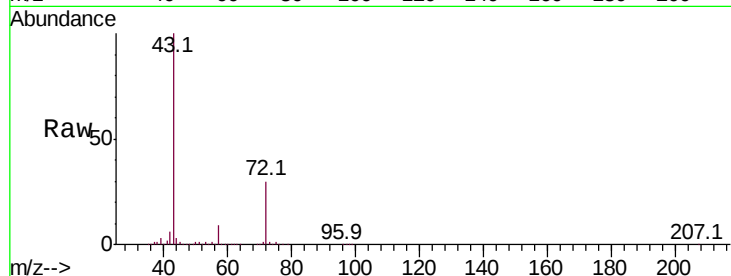
VSTDCCC050EC

Tot Ion: 43 Resp: 562775

Ion Ratio Lower Upper

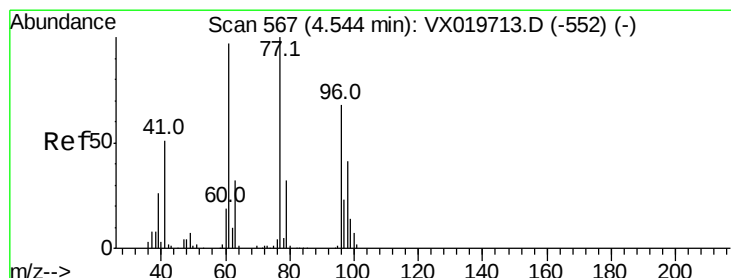
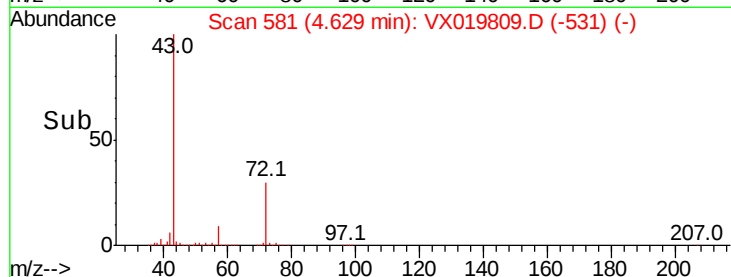
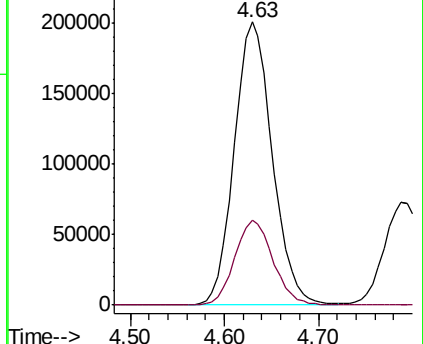
43 100

72 30.0 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 41.568 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019809.D

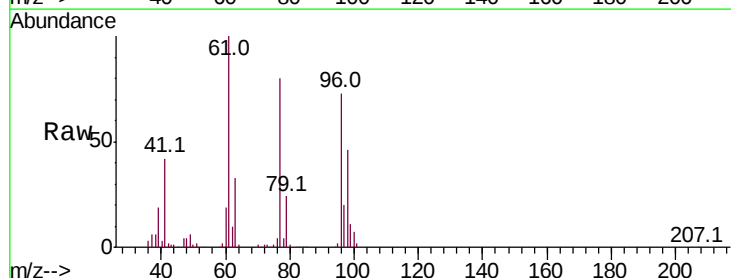
Acq: 10 Dec 2020 04:34

Tgt Ion: 77 Resp: 185022

Ion Ratio Lower Upper

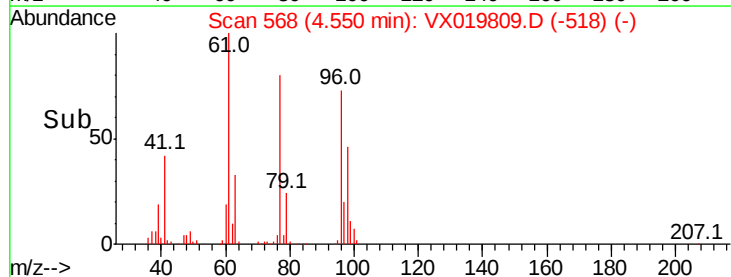
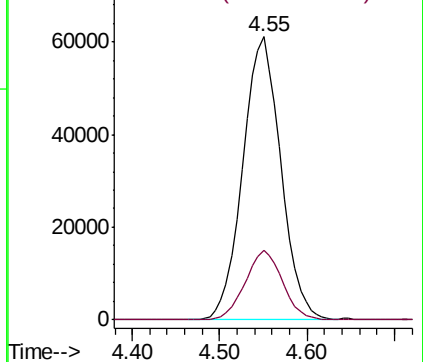
77 100

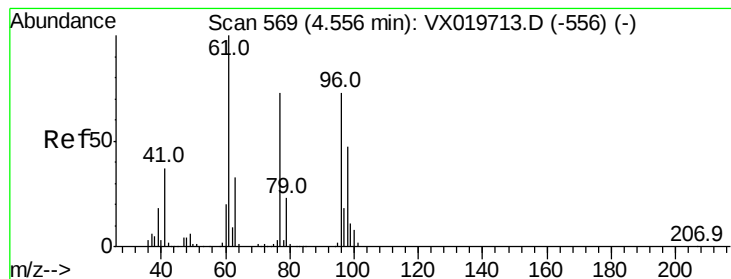
97 24.1 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



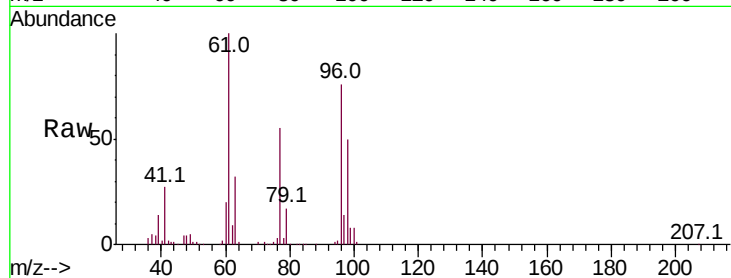


#27

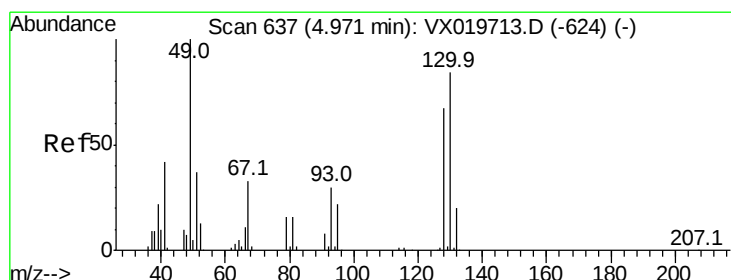
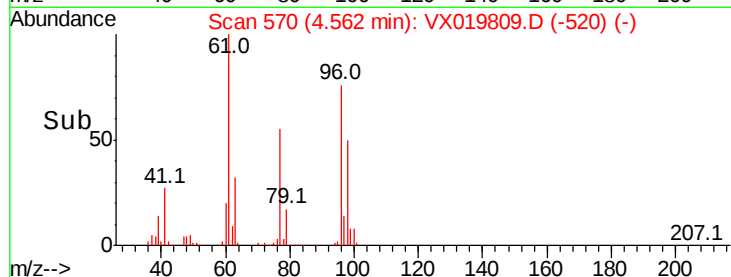
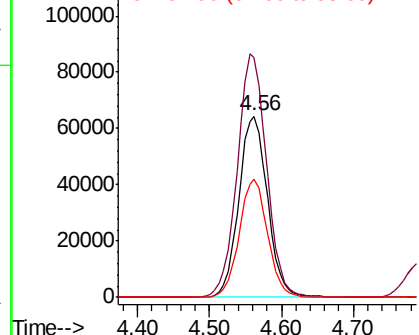
cis-1,2-Dichloroethene
 Concen: 51.935 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: VX019809.D
 Acq: 10 Dec 2020 04:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 177854
 Ion Ratio Lower Upper
 96 100
 61 138.0 0.0 285.6
 98 64.6 0.0 129.6



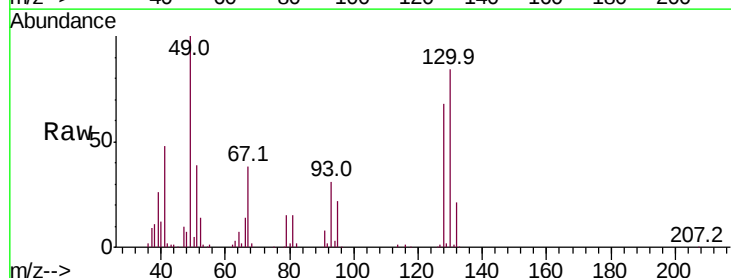
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



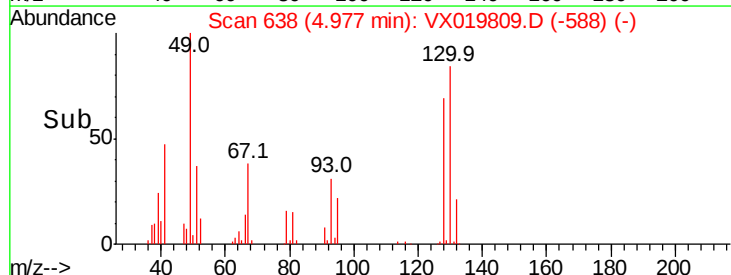
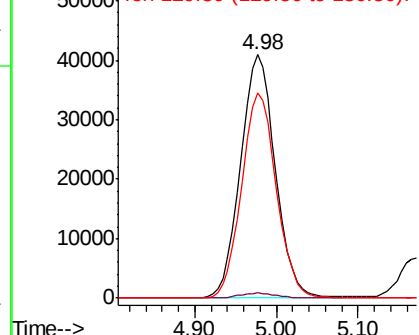
#28

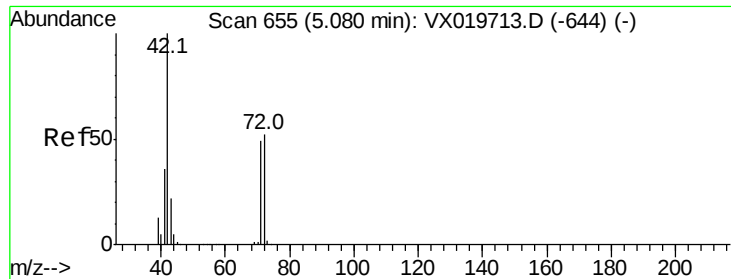
Bromochloromethane
 Concen: 49.266 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. 0.01 min
 Lab File: VX019809.D
 Acq: 10 Dec 2020 04:34

Tgt Ion: 49 Resp: 121388
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 84.0 68.2 102.2



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

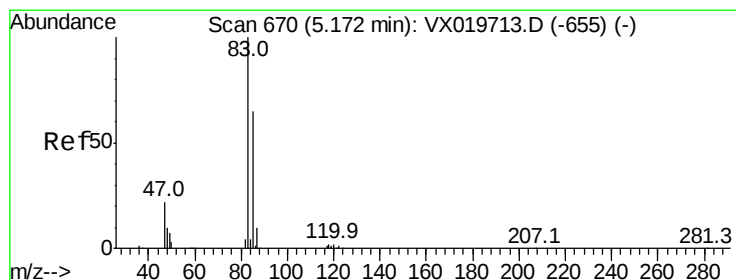
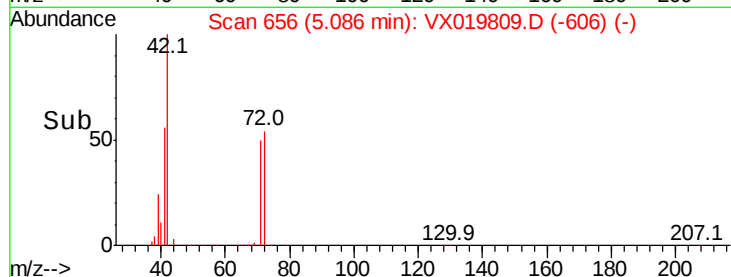
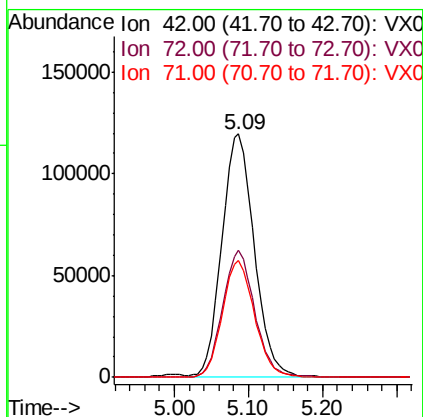
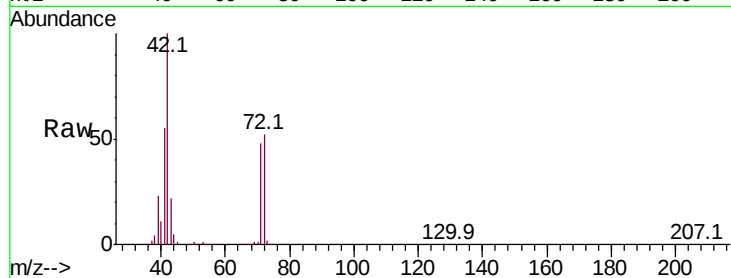




#29
Tetrahydrofuran
Concen: 270.778 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX019809.D
Acq: 10 Dec 2020 04:34

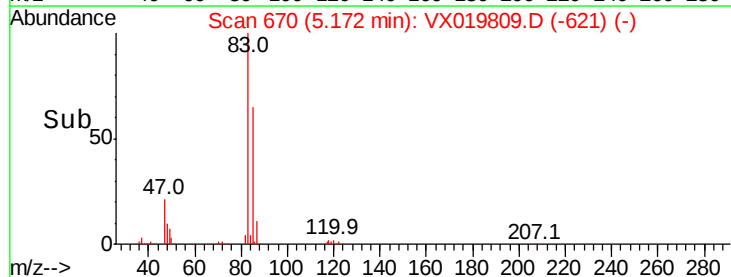
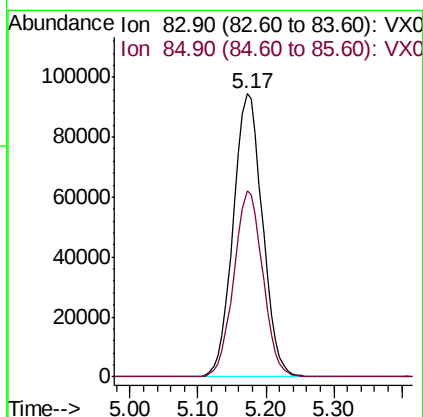
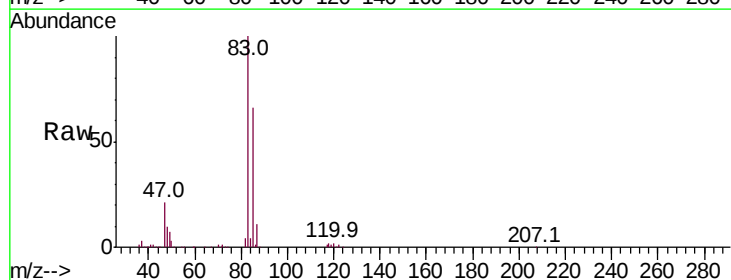
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

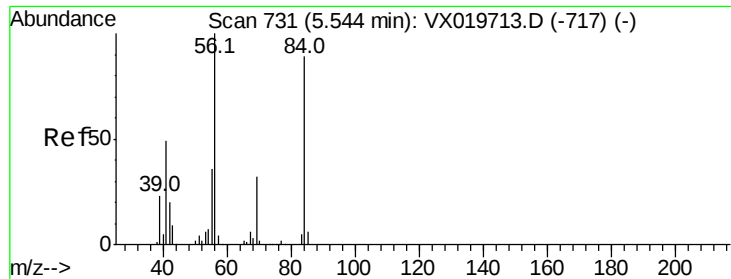
Tot Ion: 42 Resp: 362802
Ion Ratio Lower Upper
42 100
72 52.0 41.7 62.5
71 47.7 38.4 57.6



#30
Chloroform
Concen: 53.247 ug/l
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX019809.D
Acq: 10 Dec 2020 04:34

Tgt Ion: 83 Resp: 282984
Ion Ratio Lower Upper
83 100
85 65.9 52.0 78.0

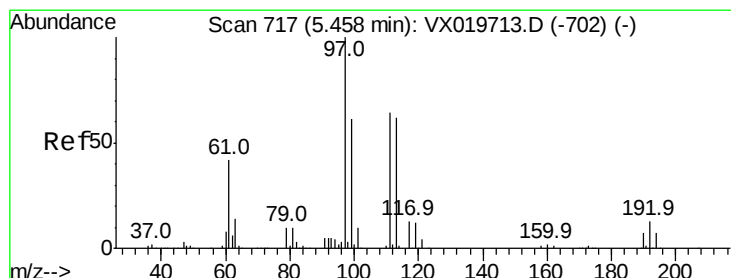
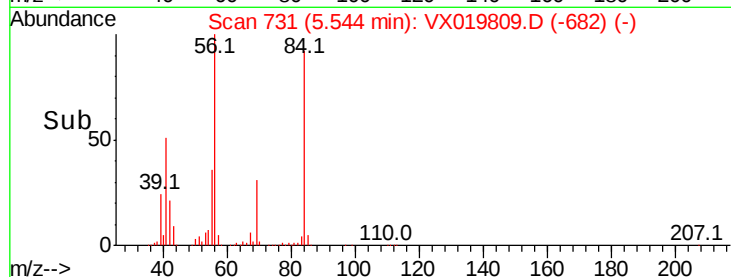
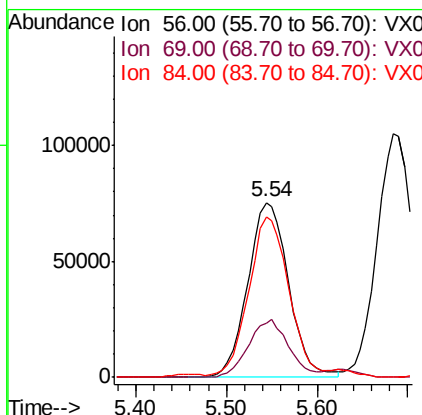
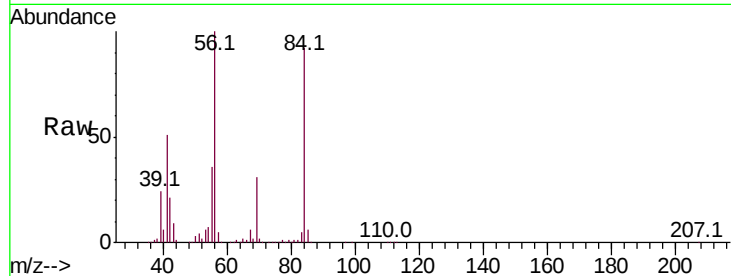




#31
Cyclohexane
Concen: 52.346 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.00 min
Lab File: VX019809.D
Acq: 10 Dec 2020 04:34

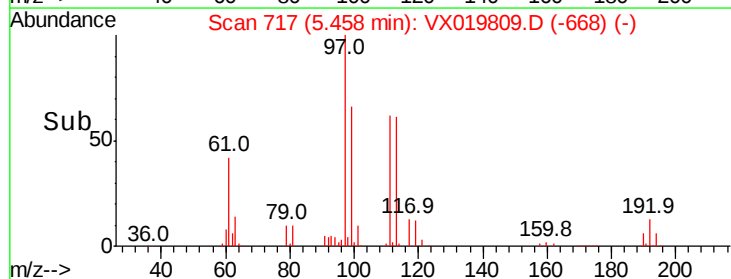
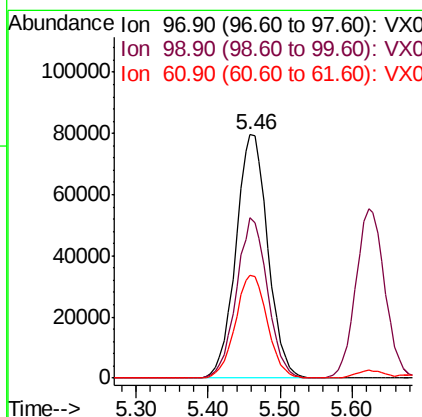
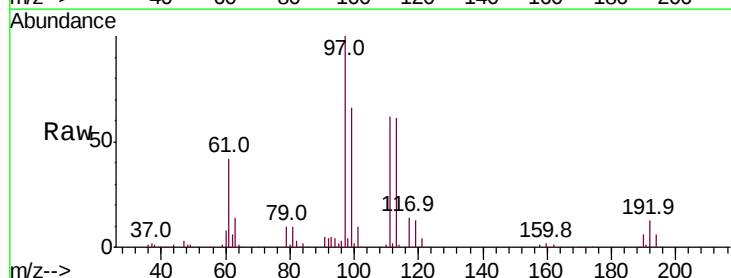
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

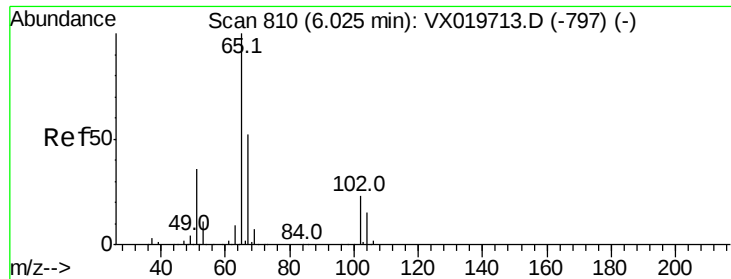
Tot Ion: 56 Resp: 234450
Ion Ratio Lower Upper
56 100
69 30.9 25.3 37.9
84 90.2 71.4 107.0



#32
1,1,1-Trichloroethane
Concen: 53.358 ug/l
RT: 5.46 min Scan# 717
Delta R.T. 0.00 min
Lab File: VX019809.D
Acq: 10 Dec 2020 04:34

Tgt Ion: 97 Resp: 244203
Ion Ratio Lower Upper
97 100
99 64.3 51.5 77.3
61 42.5 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 47.971 ug/l

RT: 6.03 min Scan# 810

Delta R.T. 0.00 min

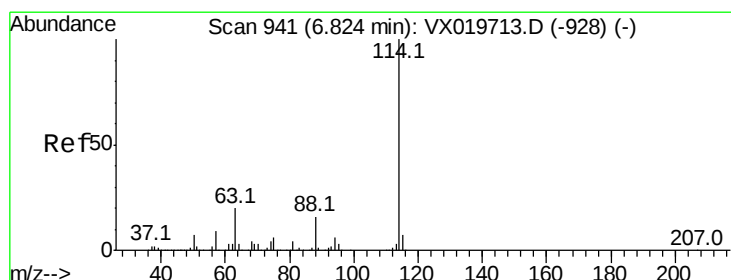
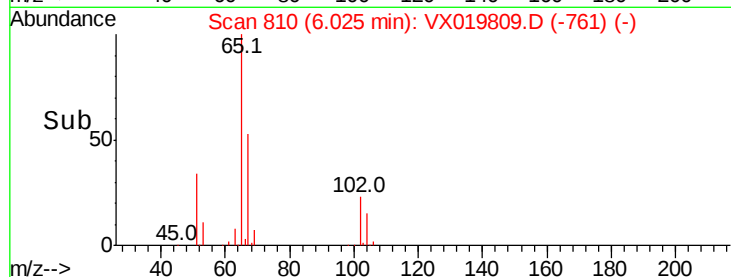
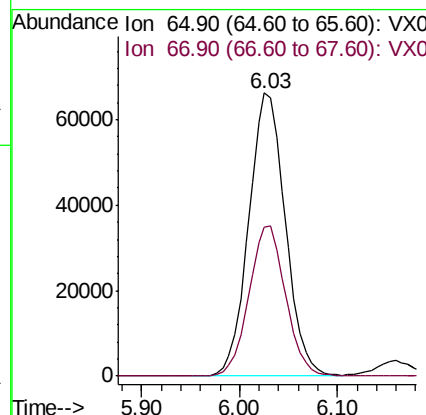
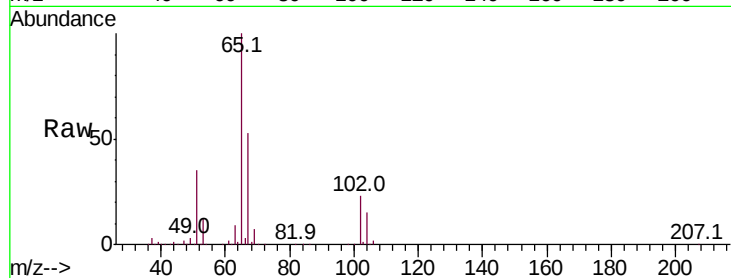
Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 65 Resp: 172722

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

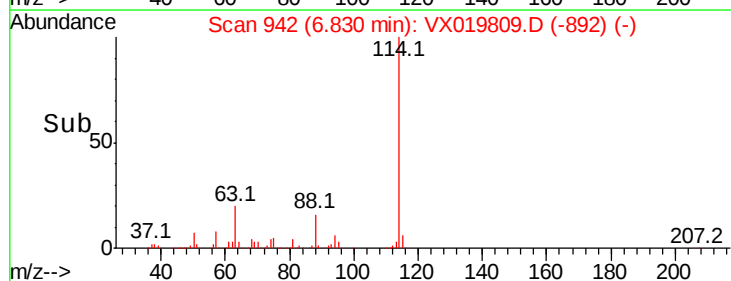
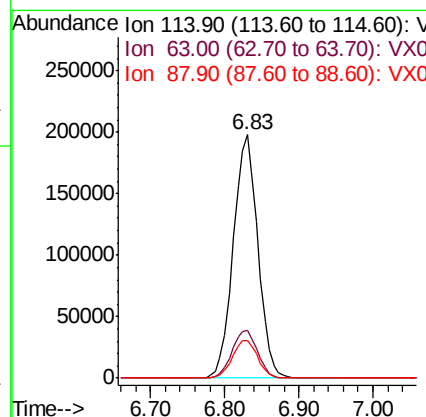
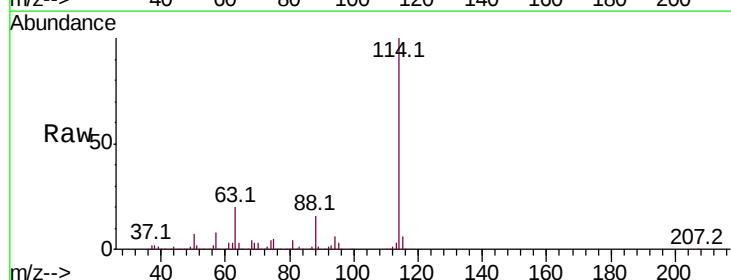
Delta R.T. 0.01 min

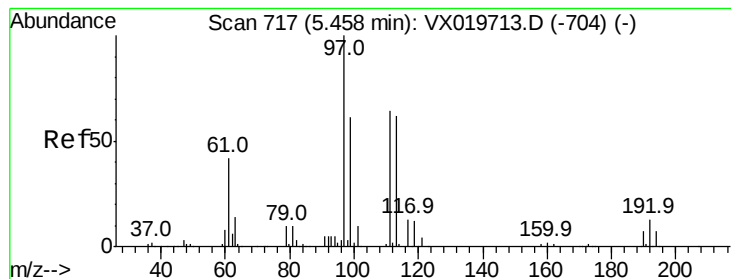
Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

Tgt Ion: 114 Resp: 457758

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	40.8
88	15.7	0.0	32.8





#35

Dibromofluoromethane

Concen: 47.640 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

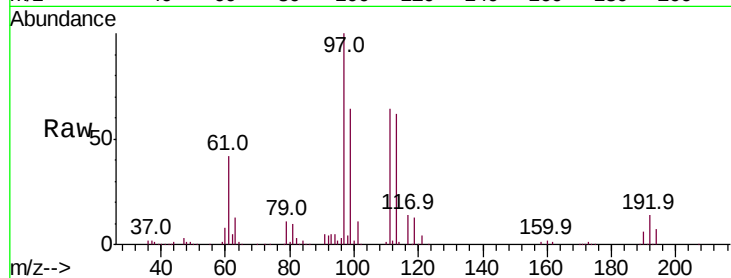
Tot Ion:113 Resp: 140940

Ion Ratio Lower Upper

113 100

111 102.8 81.9 122.9

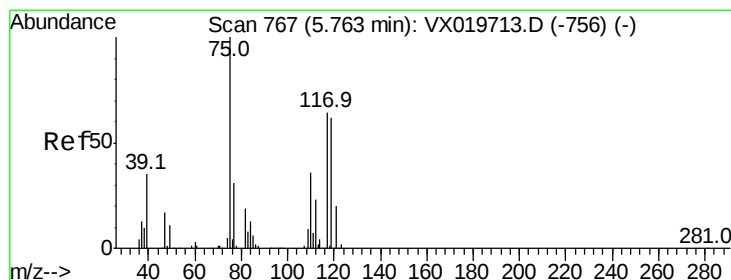
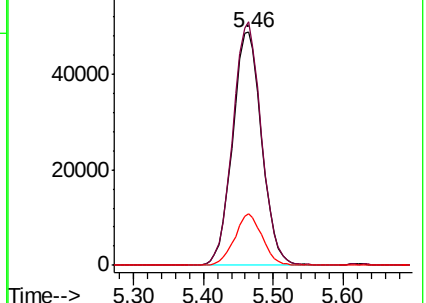
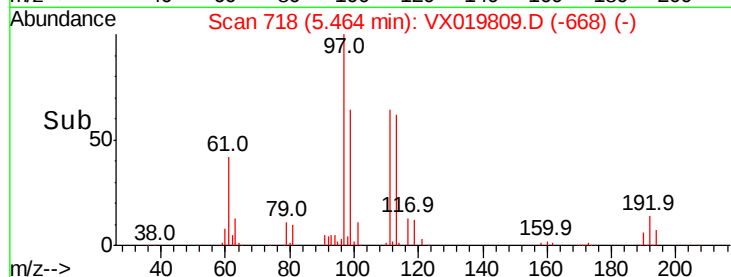
192 21.1 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.761 ug/l

RT: 5.76 min Scan# 767

Delta R.T. 0.00 min

Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

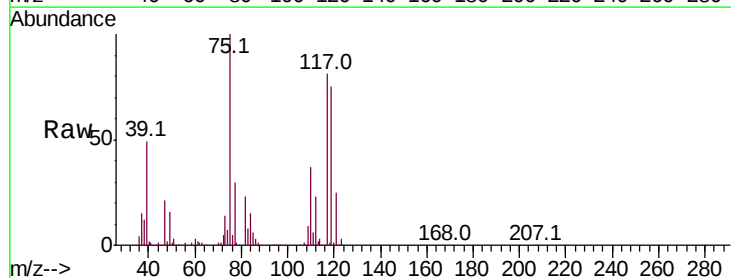
Tgt Ion: 75 Resp: 205833

Ion Ratio Lower Upper

75 100

110 36.2 18.1 54.4

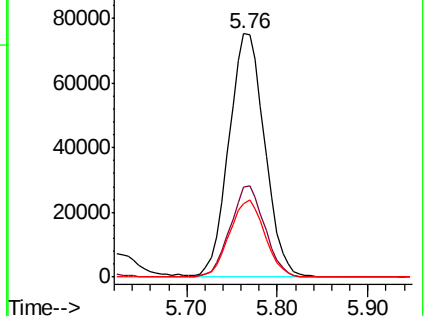
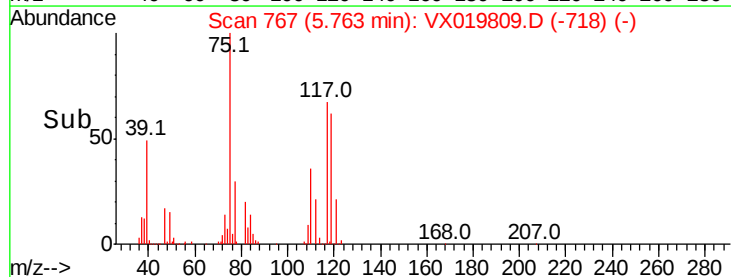
77 31.5 25.3 37.9

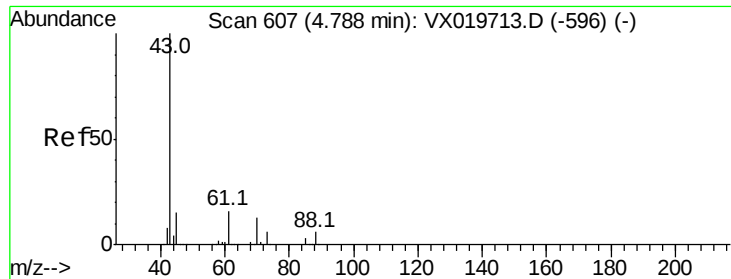


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 51.765 ug/l

RT: 4.79 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

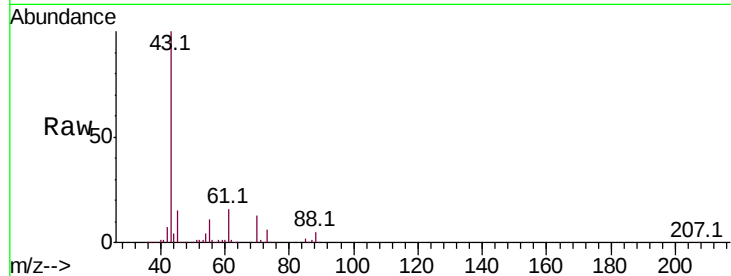
Tot Ion: 43 Resp: 216194

Ion Ratio Lower Upper

43 100

61 15.7 12.8 19.2

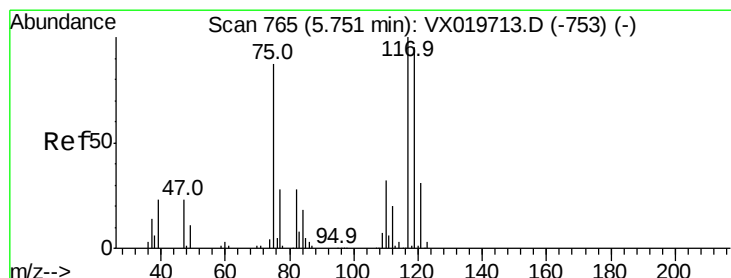
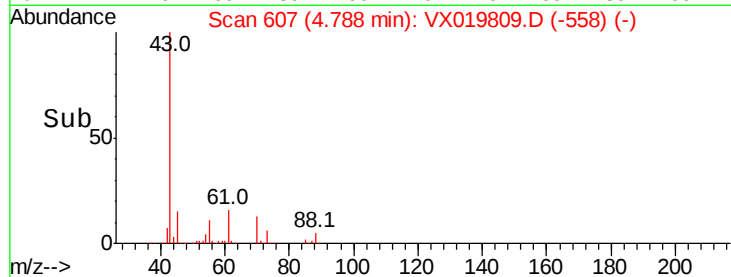
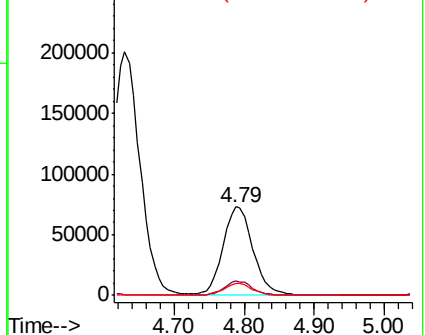
70 13.2 10.5 15.7



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: 51.520 ug/l

RT: 5.75 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

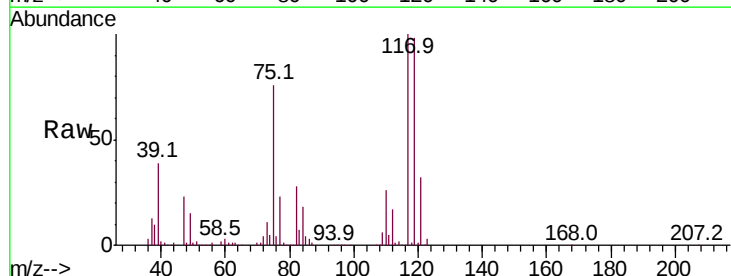
Tgt Ion: 117 Resp: 208688

Ion Ratio Lower Upper

117 100

119 98.5 76.2 114.2

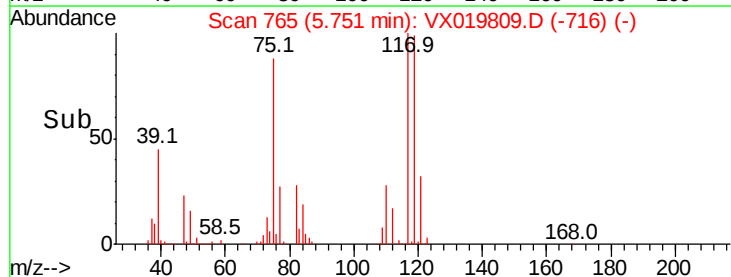
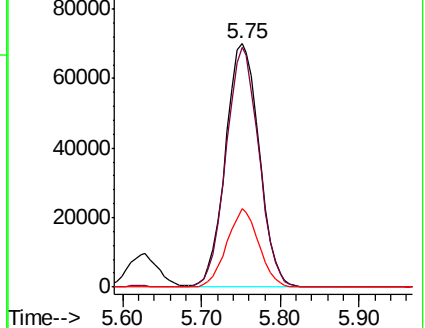
121 32.0 24.8 37.2

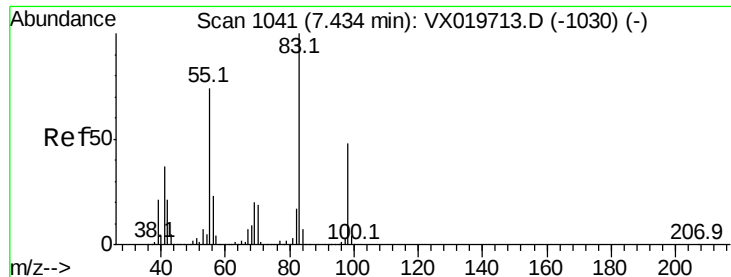


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

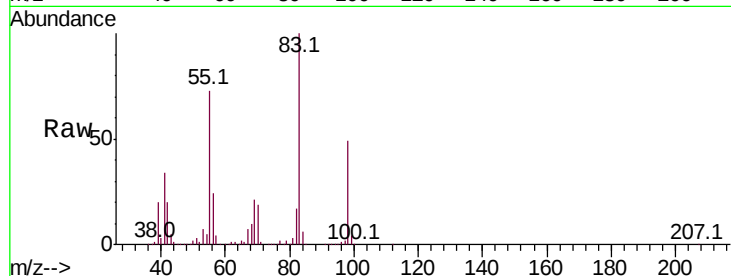




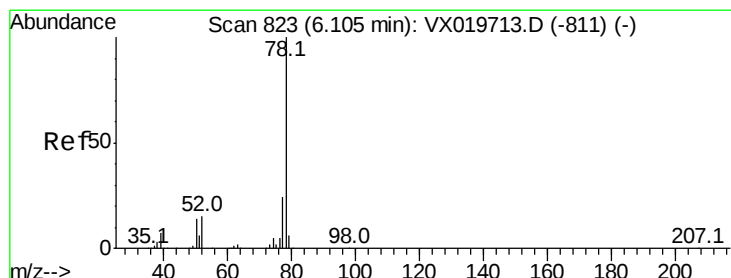
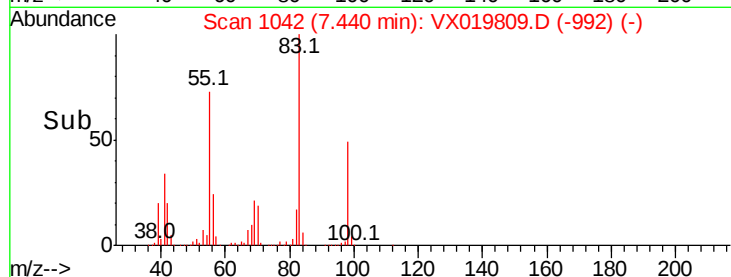
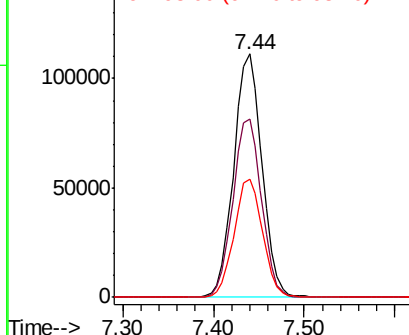
#39
Methvlcvclohexane
Concen: 49.462 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019809.D
Acq: 10 Dec 2020 04:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 240378
Ion Ratio Lower Upper
83 100
55 73.1 58.9 88.3
98 48.6 38.1 57.1

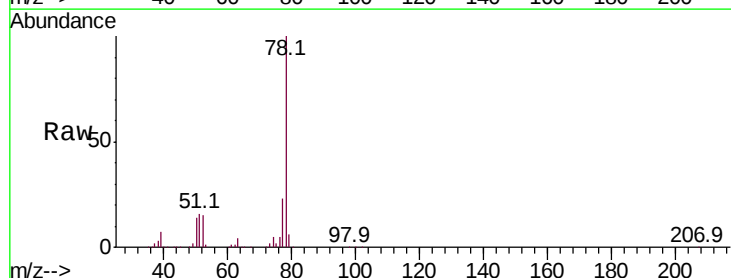


Abundance Ion 83.00 (82.70 to 83.70): VX0
150000 Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

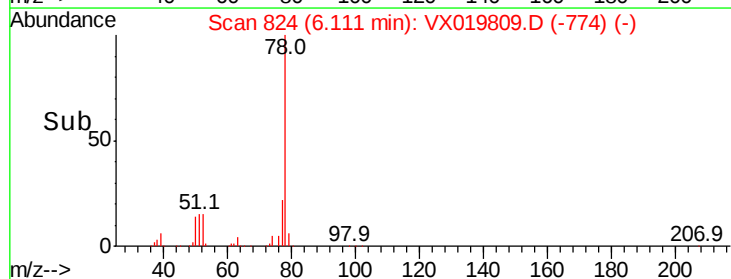
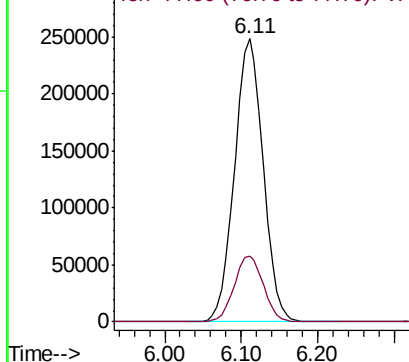


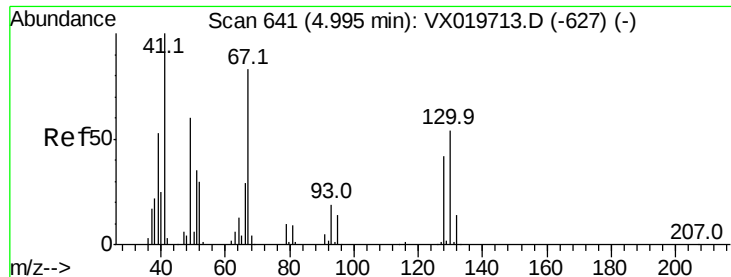
#40
Benzene
Concen: 50.960 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019809.D
Acq: 10 Dec 2020 04:34

Tgt Ion: 78 Resp: 643916
Ion Ratio Lower Upper
78 100
77 23.2 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0
250000 Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 51.455 ug/l

RT: 5.00 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 117990

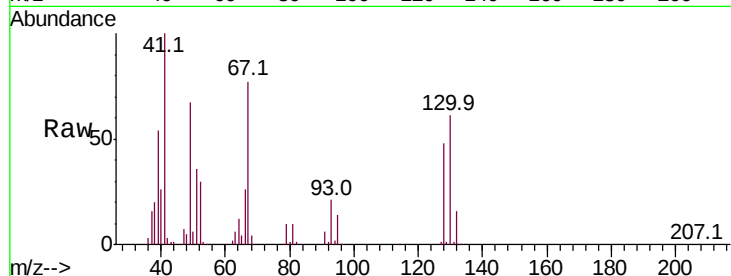
Ion Ratio Lower Upper

41 100

39 55.1 42.5 63.7

67 82.6 65.0 97.6

52 31.3 25.3 37.9

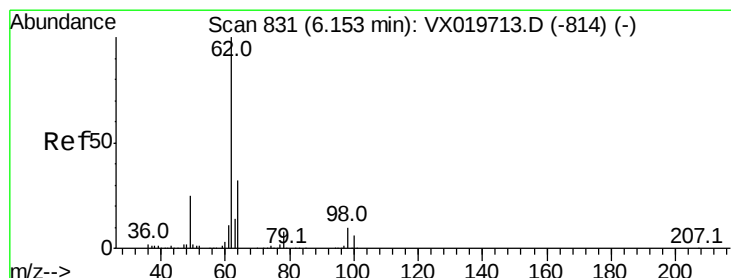
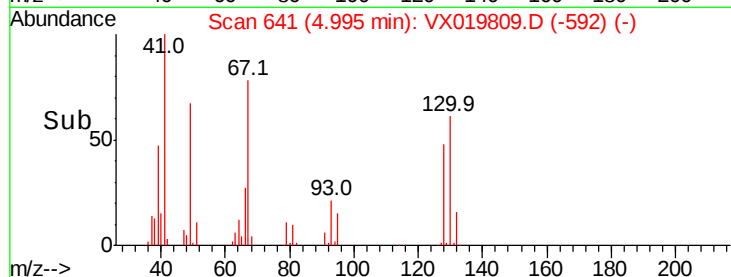
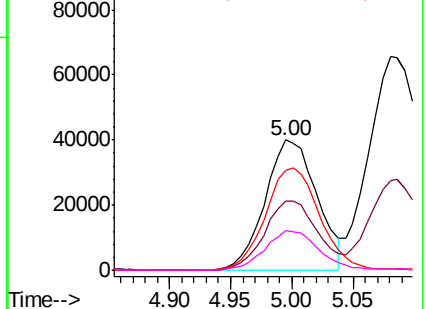


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 51.128 ug/l

RT: 6.16 min Scan# 832

Delta R.T. 0.01 min

Lab File: VX019809.D

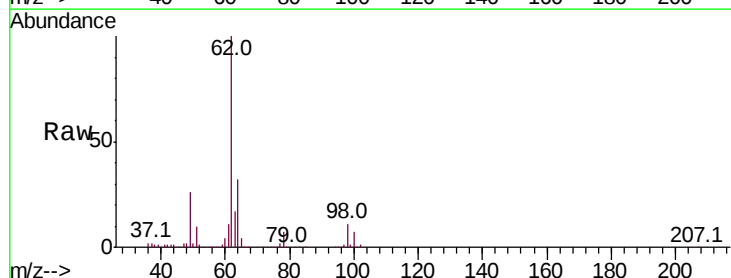
Acq: 10 Dec 2020 04:34

Tgt Ion: 62 Resp: 220727

Ion Ratio Lower Upper

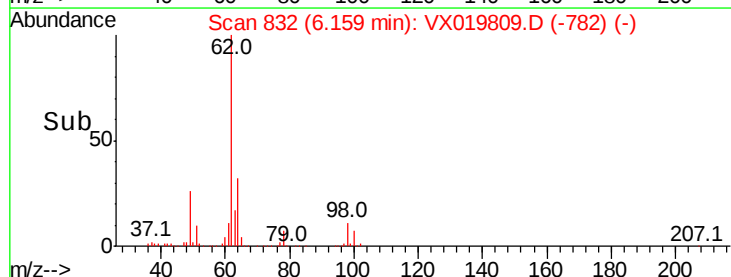
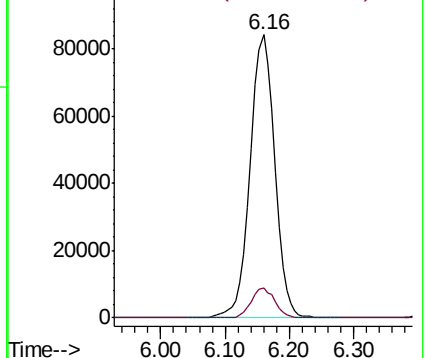
62 100

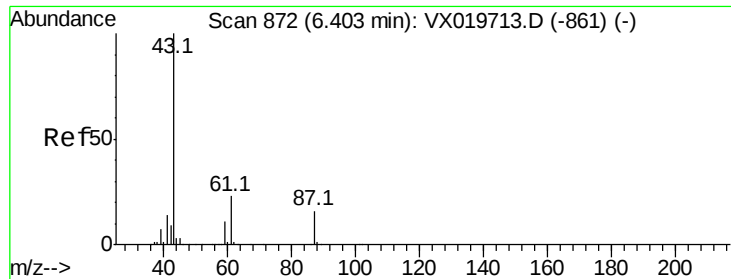
98 10.1 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.501 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

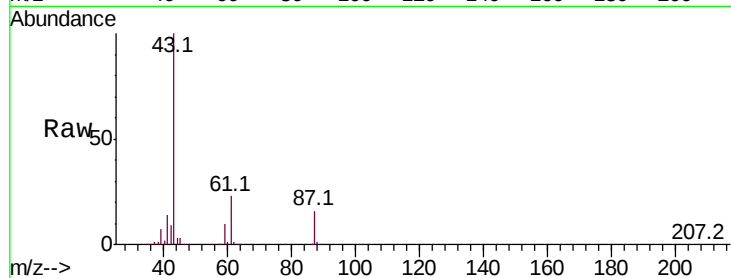
Tot Ion: 43 Resp: 349696

Ion Ratio Lower Upper

43 100

61 22.9 18.2 27.4

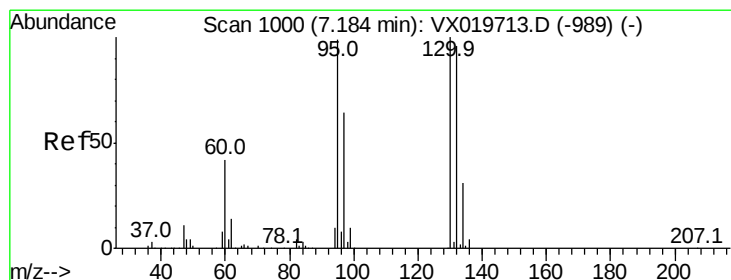
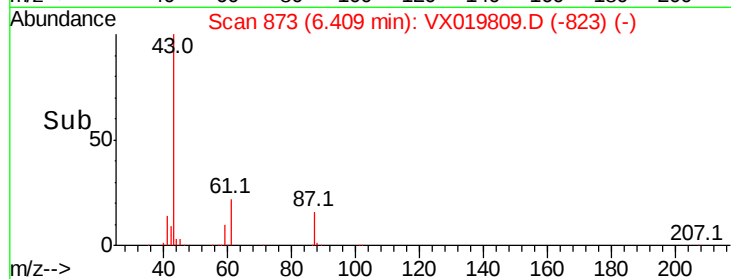
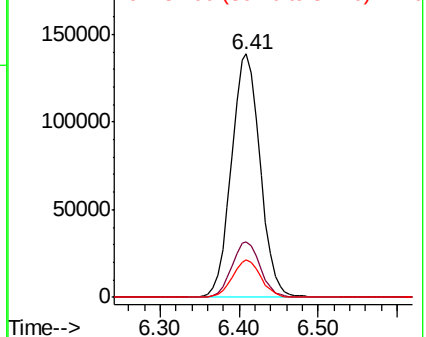
87 15.4 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VX019713.D (-861) (-)

Ion 61.00 (60.70 to 61.70): VX019713.D (-861) (-)

Ion 87.00 (86.70 to 87.70): VX019713.D (-861) (-)



#44

Trichloroethene

Concen: 50.373 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX019809.D

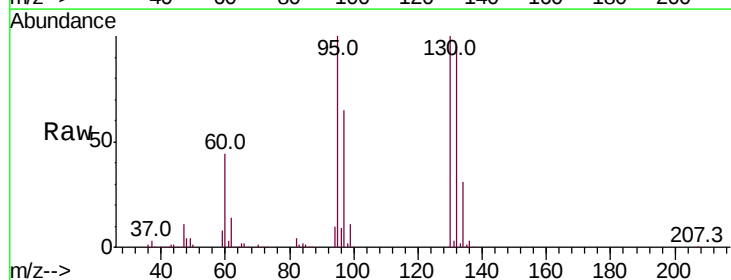
Acq: 10 Dec 2020 04:34

Tgt Ion: 130 Resp: 167002

Ion Ratio Lower Upper

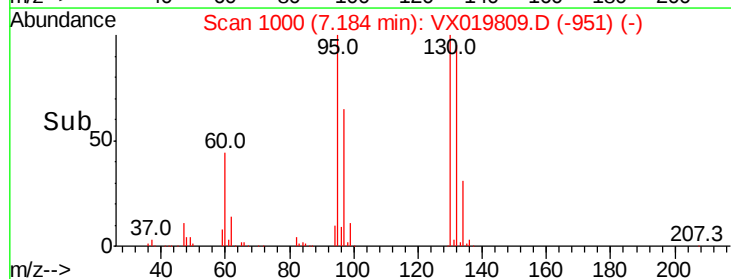
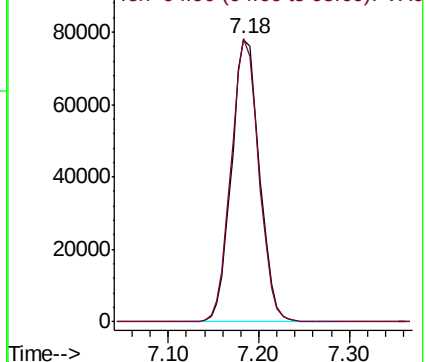
130 100

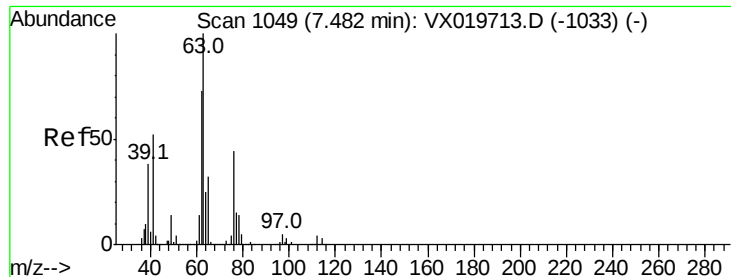
95 100.2 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): VX019713.D (-989) (-)

Ion 94.90 (94.60 to 95.60): VX019713.D (-989) (-)





#45

1,2-Dichloropropane

Concen: 51.970 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

Instrument :

MSVOA_X

ClientSampleId :

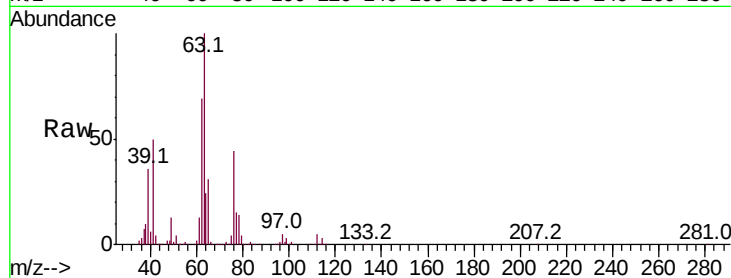
VSTDCCC050EC

Tot Ion: 63 Resp: 164121

Ion Ratio Lower Upper

63 100

65 31.1 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

80000

60000

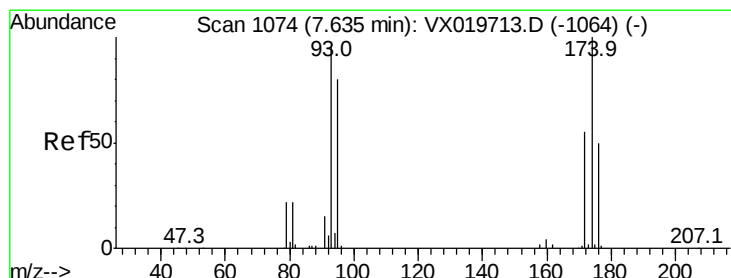
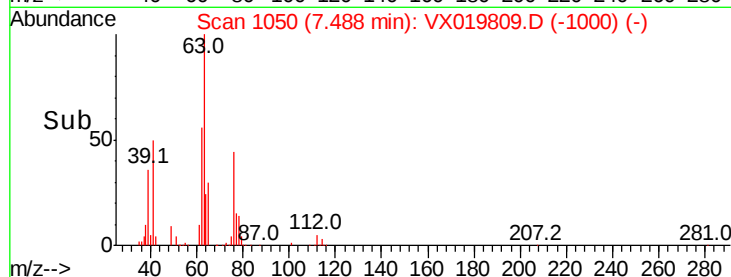
40000

20000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 51.751 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

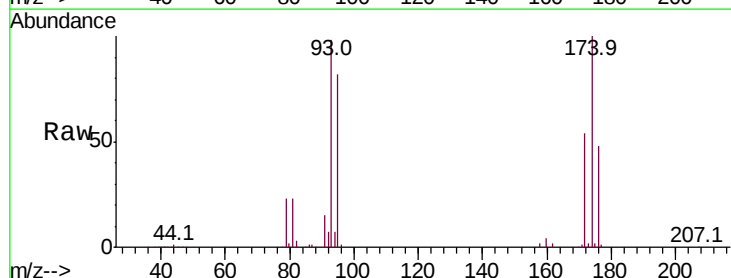
Tgt Ion: 93 Resp: 110366

Ion Ratio Lower Upper

93 100

95 82.6 66.8 100.2

174 104.7 83.1 124.7



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

80000

60000

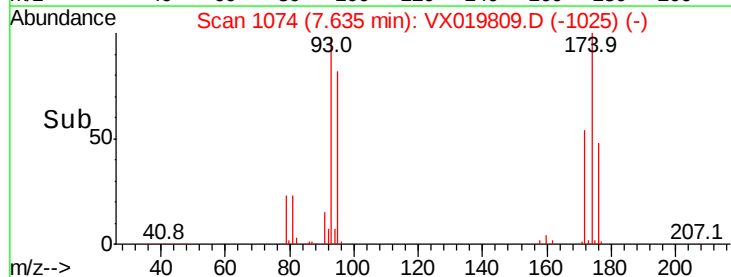
40000

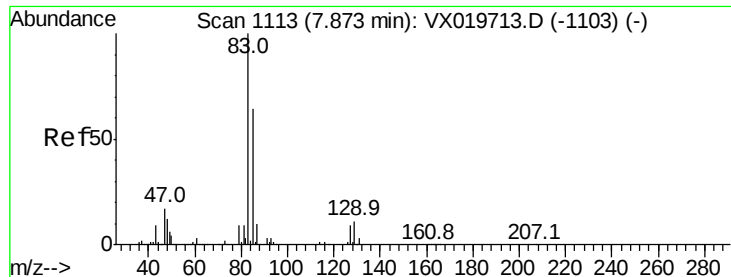
20000

0

7.50 7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 51.991 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

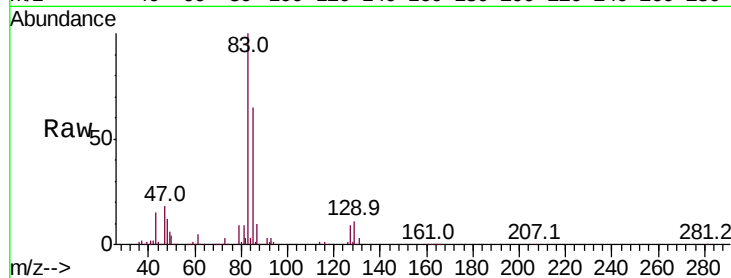
Tot Ion: 83 Resp: 220019

Ion Ratio Lower Upper

83 100

85 65.1 51.4 77.0

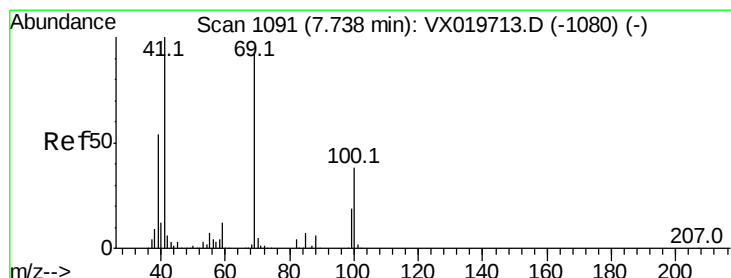
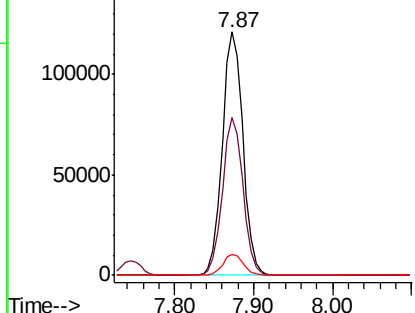
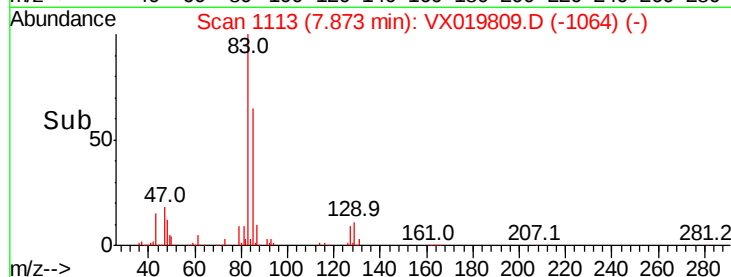
127 8.7 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.269 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

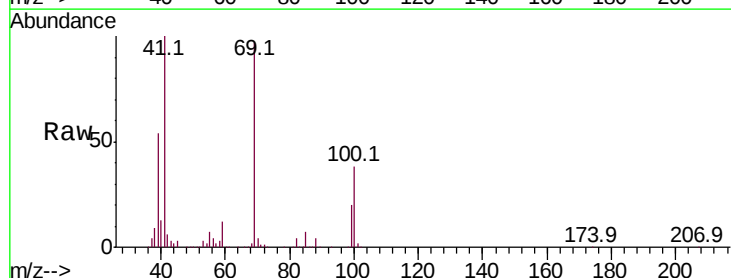
Tgt Ion: 41 Resp: 174547

Ion Ratio Lower Upper

41 100

69 94.5 76.0 114.0

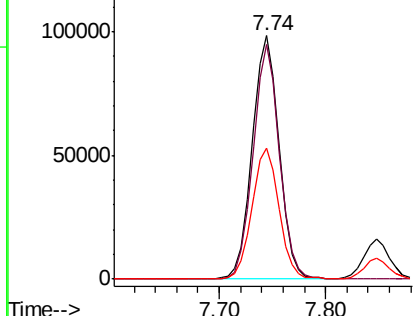
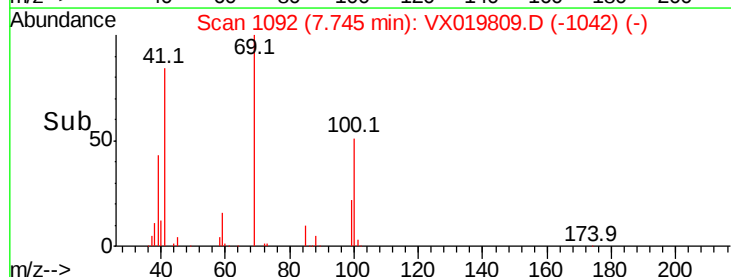
39 54.4 44.6 67.0

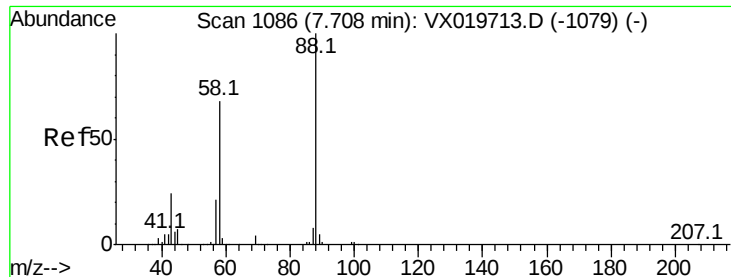


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

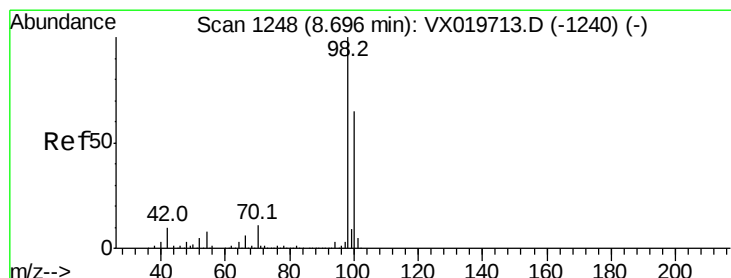
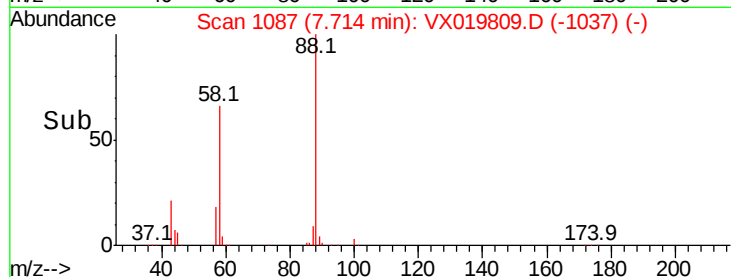
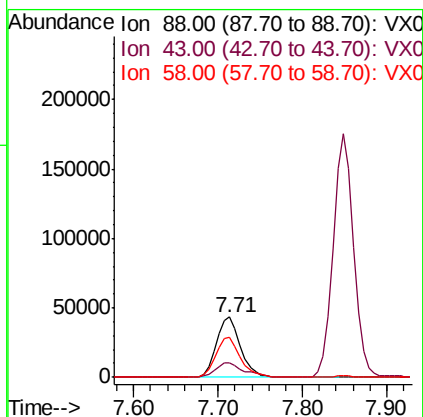
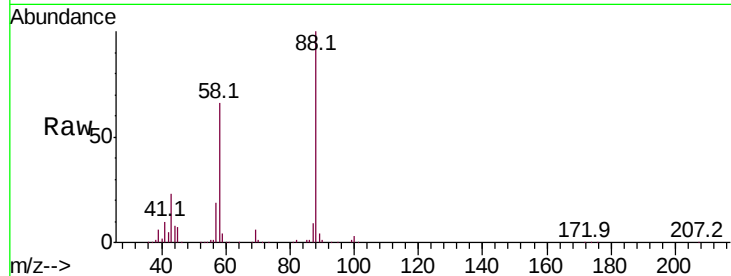




#49
1,4-Dioxane
Concen: 1049.023 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX019809.D
Acq: 10 Dec 2020 04:34

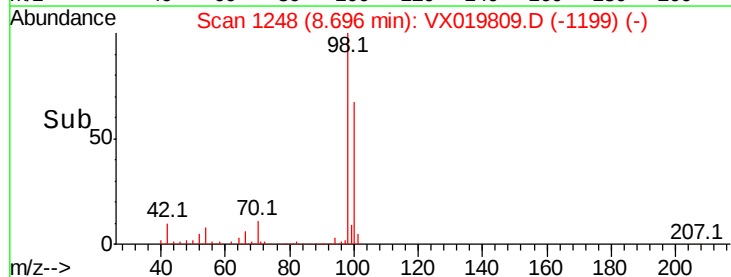
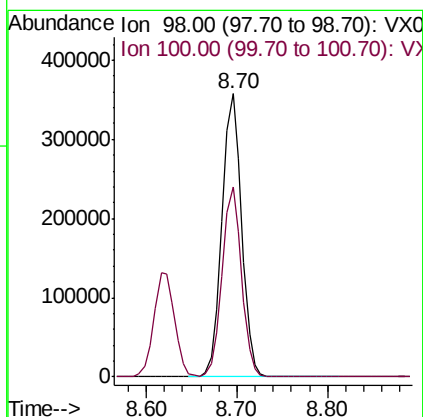
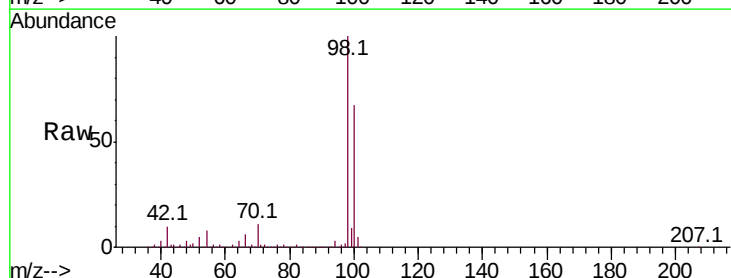
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

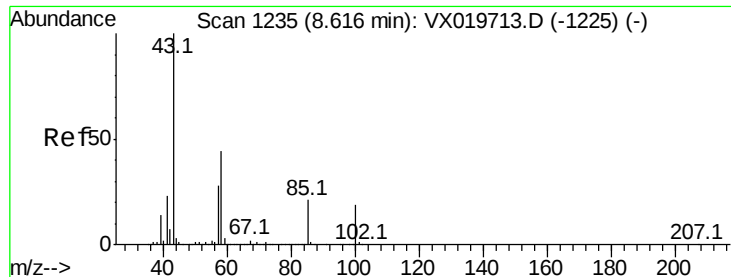
Tot Ion: 88 Resp: 84862
Ion Ratio Lower Upper
88 100
43 28.0 23.2 34.8
58 68.9 55.0 82.4



#50
Toluene-d8
Concen: 47.796 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019809.D
Acq: 10 Dec 2020 04:34

Tgt Ion: 98 Resp: 539833
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9

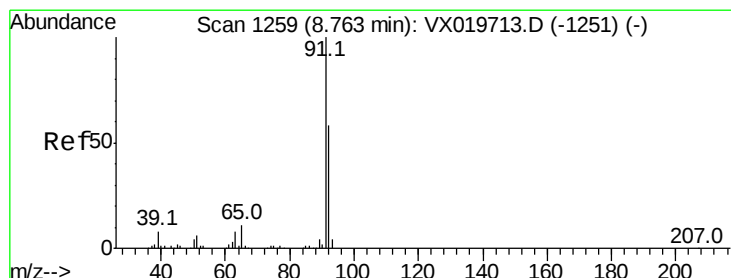
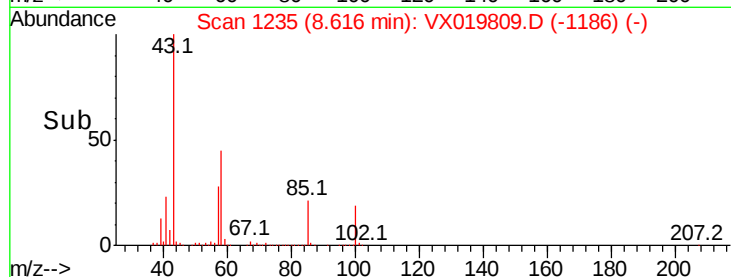
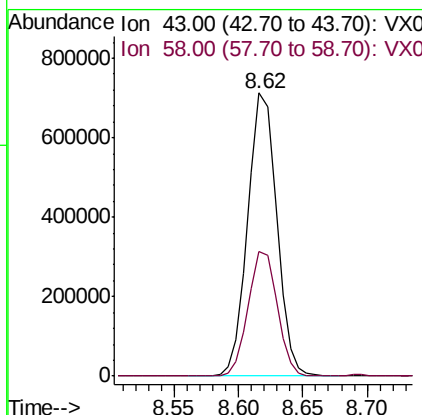
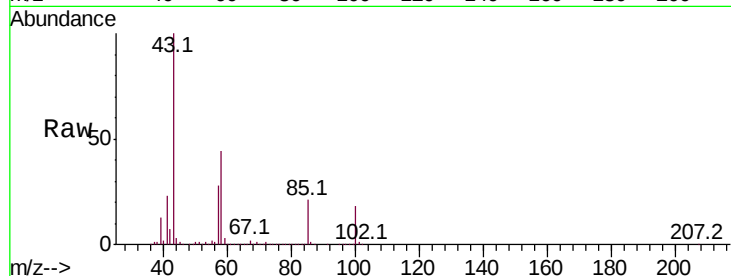




#51
4-Methyl-2-Pentanone
Concen: 267.472 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX019809.D
Acq: 10 Dec 2020 04:34

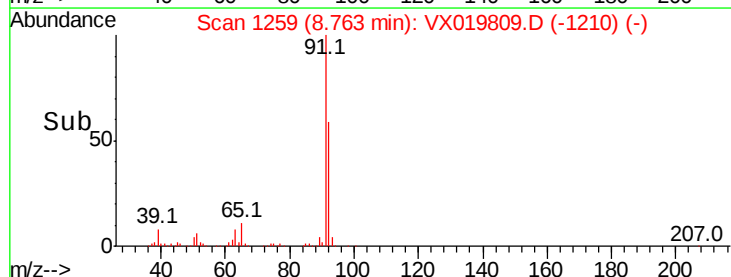
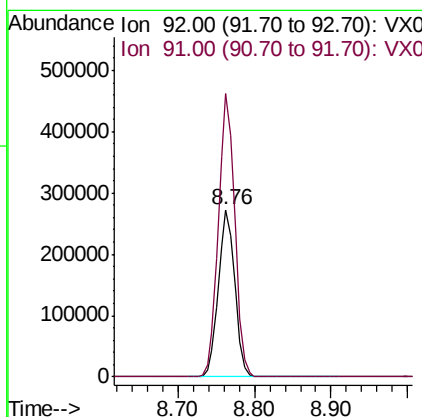
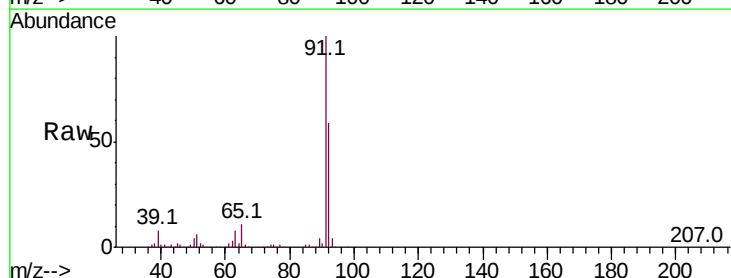
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

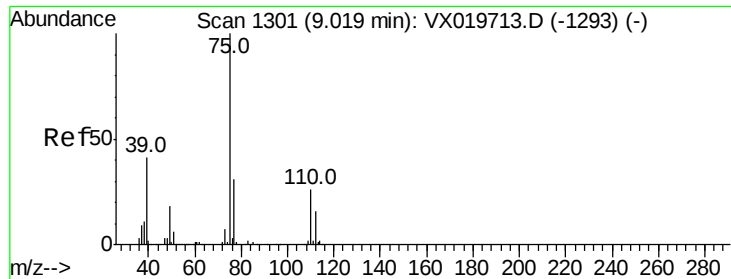
Tot Ion: 43 Resp: 1108815
Ion Ratio Lower Upper
43 100
58 44.5 35.4 53.0



#52
Toluene
Concen: 51.317 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX019809.D
Acq: 10 Dec 2020 04:34

Tgt Ion: 92 Resp: 405546
Ion Ratio Lower Upper
92 100
91 169.1 137.1 205.7

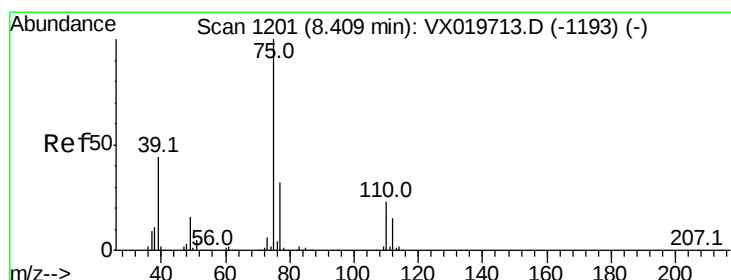
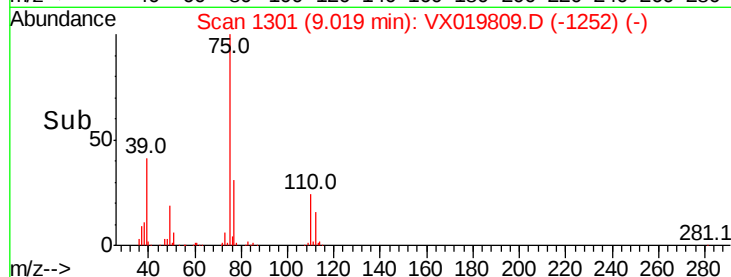
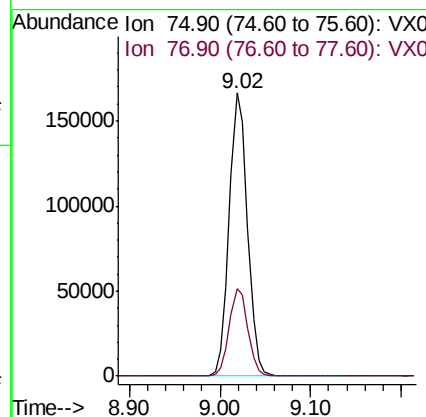
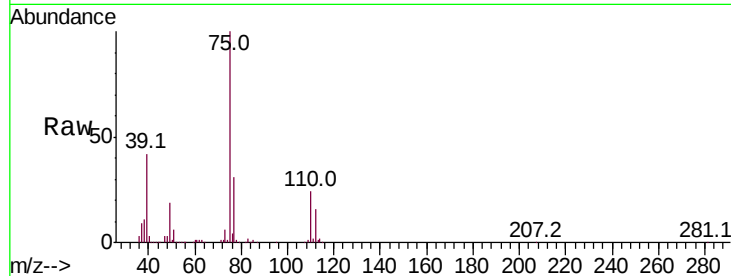




#53
 t-1,3-Dichloropropene
 Concen: 49.861 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: VX019809.D
 Acq: 10 Dec 2020 04:34

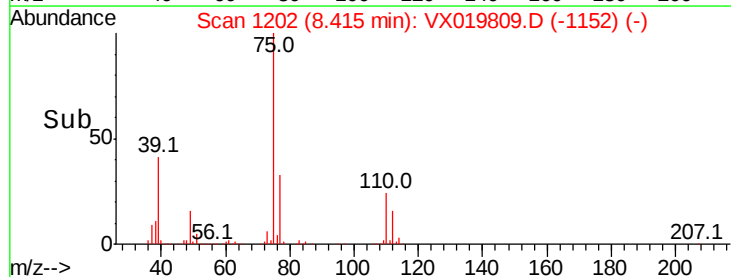
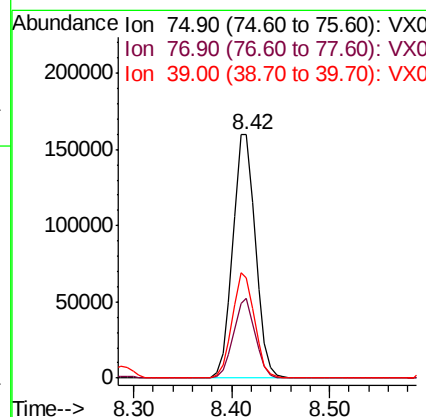
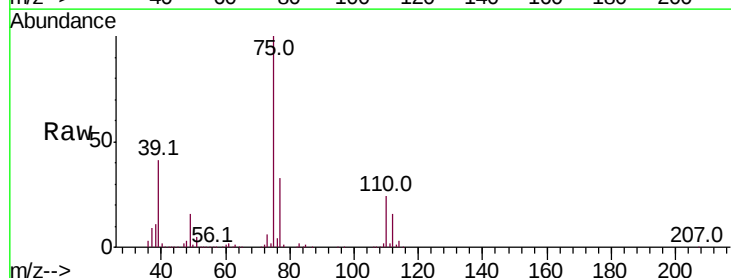
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

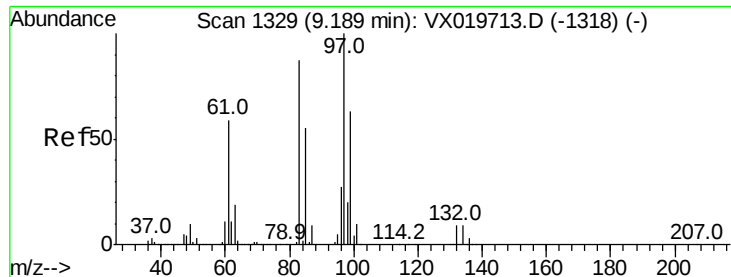
Tot Ion: 75 Resp: 234149
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 50.554 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: VX019809.D
 Acq: 10 Dec 2020 04:34

Tgt Ion: 75 Resp: 257916
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.7 38.5
 39 41.3 35.1 52.7

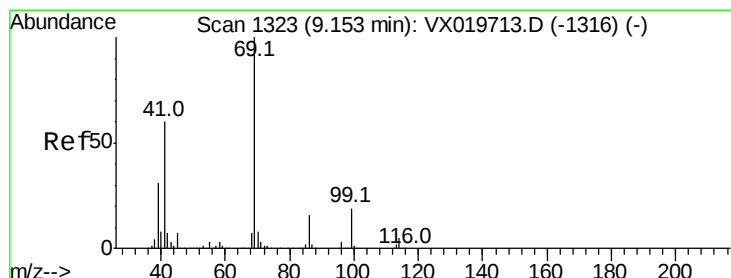
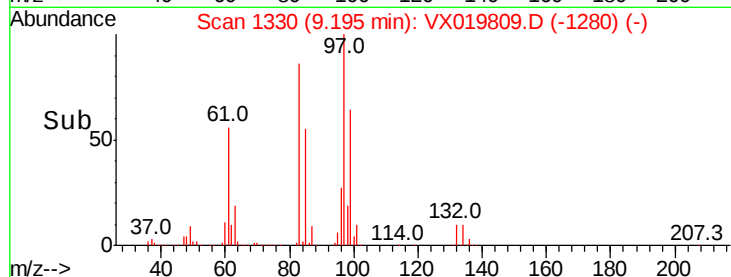
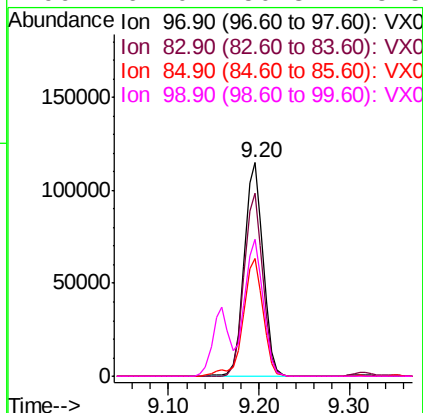
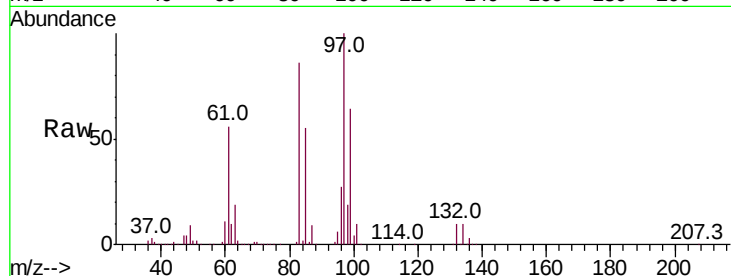




#55
 1,1,2-Trichloroethane
 Concen: 52.179 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019809.D
 Acq: 10 Dec 2020 04:34

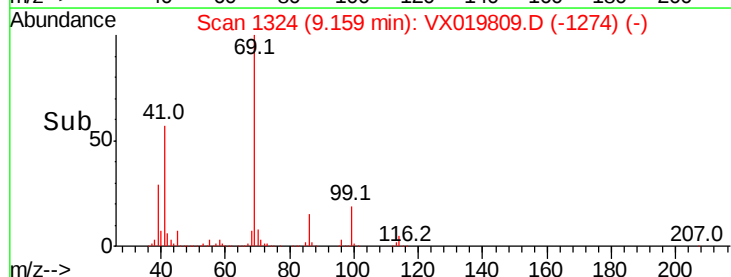
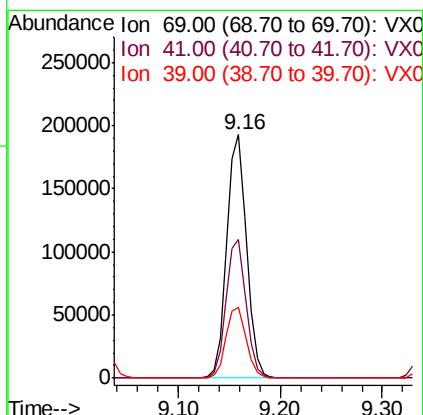
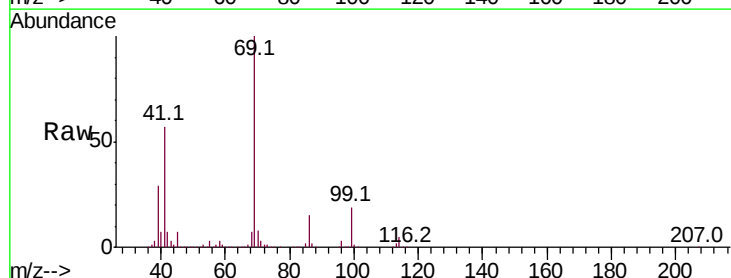
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

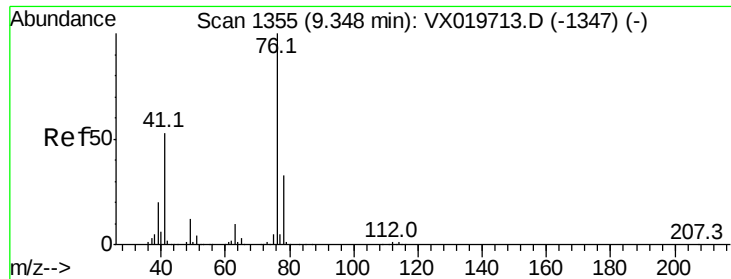
Tot Ion:	97	Resp:	166175
Ion	Ratio	Lower	Upper
97	100		
83	85.7	69.3	103.9
85	55.2	44.3	66.5
99	64.0	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 53.647 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019809.D
 Acq: 10 Dec 2020 04:34

Tgt Ion:	69	Resp:	258491
Ion	Ratio	Lower	Upper
69	100		
41	57.4	46.8	70.2
39	29.9	24.7	37.1





#57

1,3-Dichloropropane

Concen: 51.452 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. 0.00 min

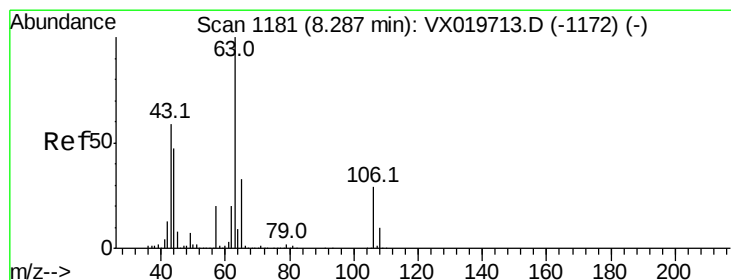
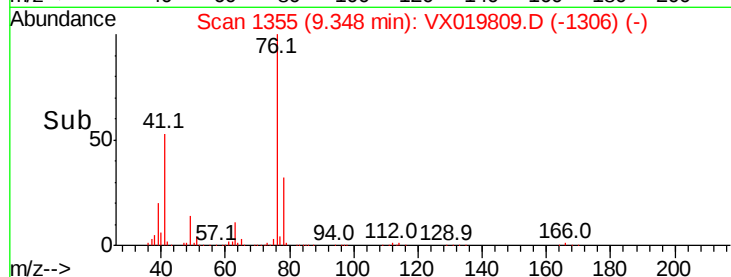
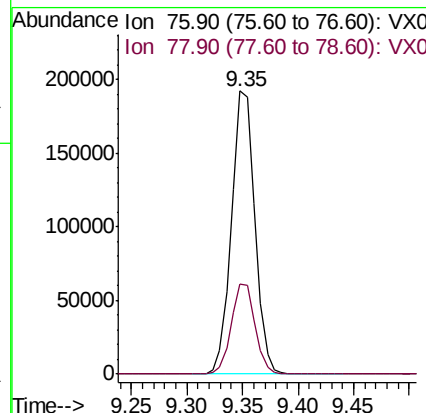
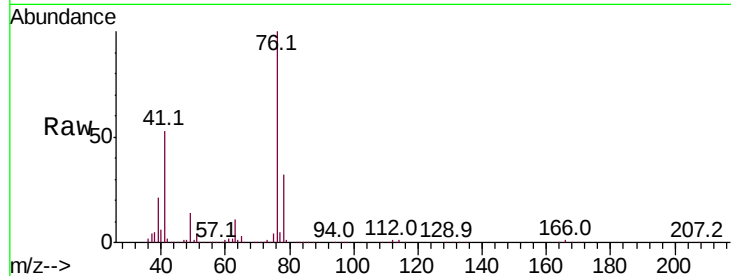
Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 279797

Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.2	39.2



#58

2-Chloroethyl Vinyl ether

Concen: 265.278 ug/l

RT: 8.29 min Scan# 1181

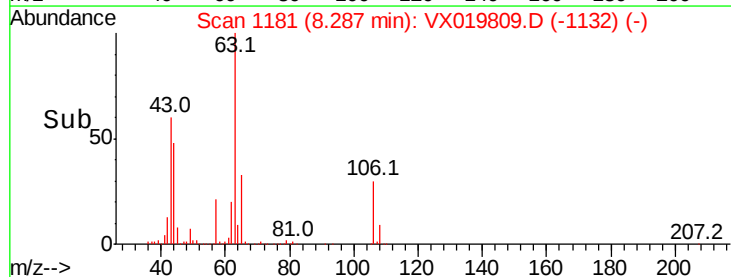
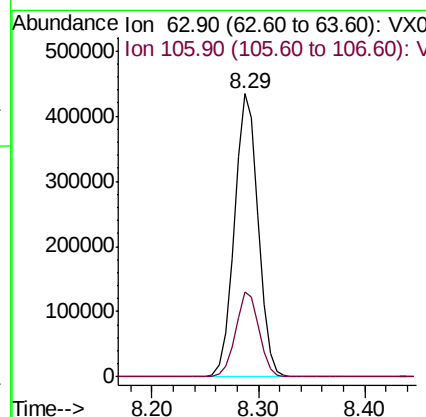
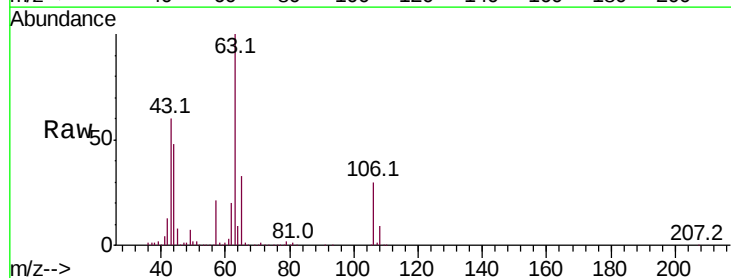
Delta R.T. 0.00 min

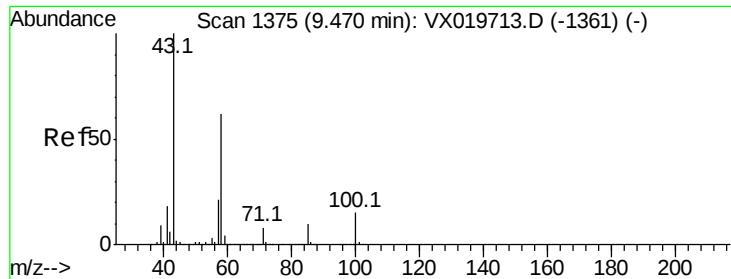
Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

Tgt Ion: 63 Resp: 677146

Ion	Ratio	Lower	Upper
63	100		
106	29.8	23.5	35.3

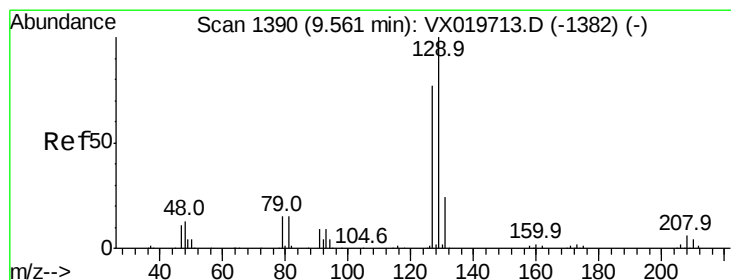
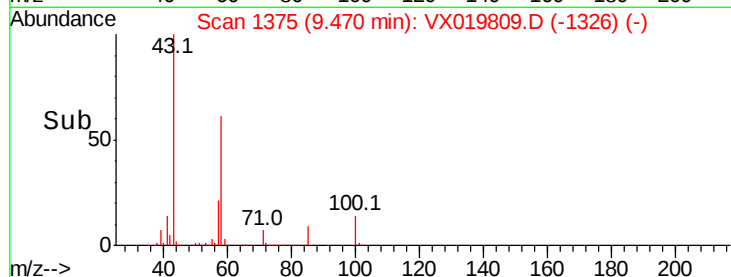
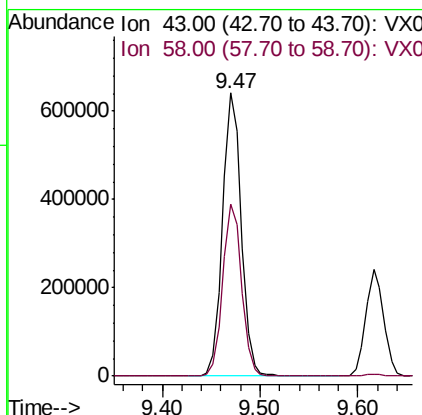
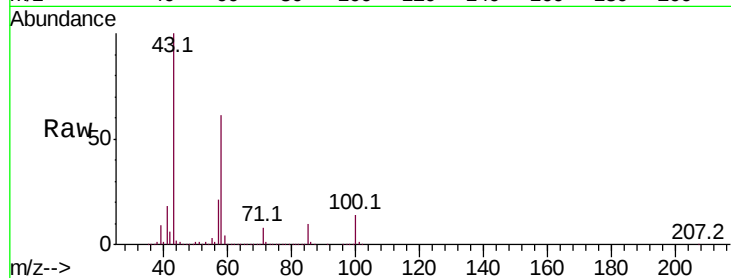




#59
2-Hexanone
Concen: 264.896 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019809.D
Acq: 10 Dec 2020 04:34

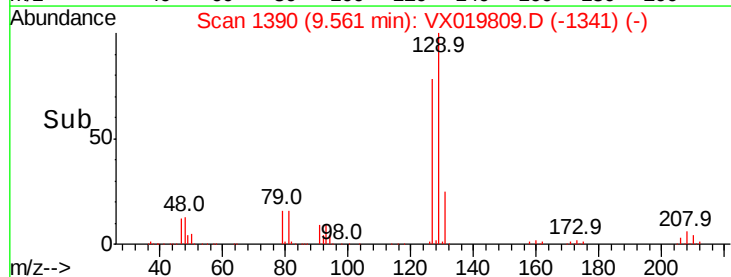
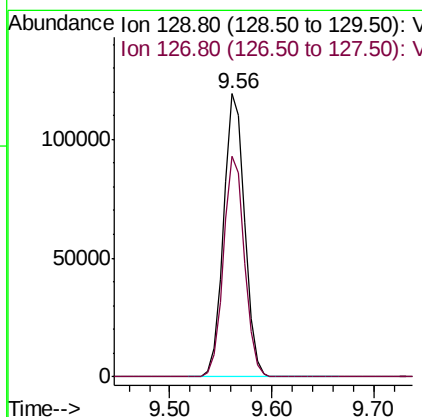
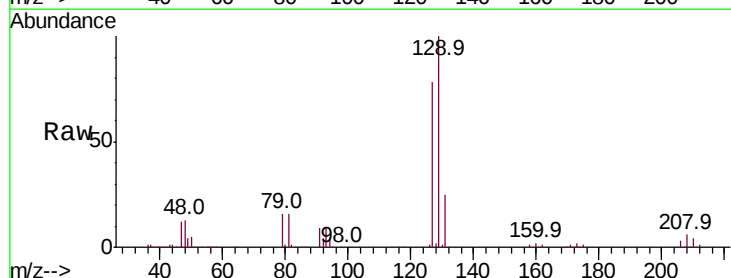
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

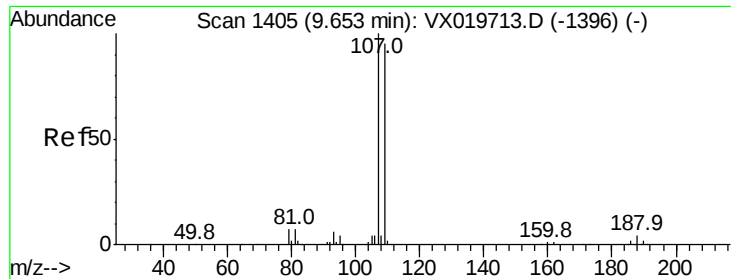
Tot Ion: 43 Resp: 851203
Ion Ratio Lower Upper
43 100
58 61.1 30.9 92.8



#60
Dibromochloromethane
Concen: 52.748 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019809.D
Acq: 10 Dec 2020 04:34

Tgt Ion: 129 Resp: 170674
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.2

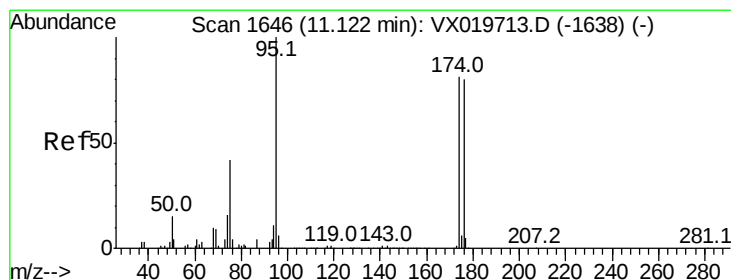
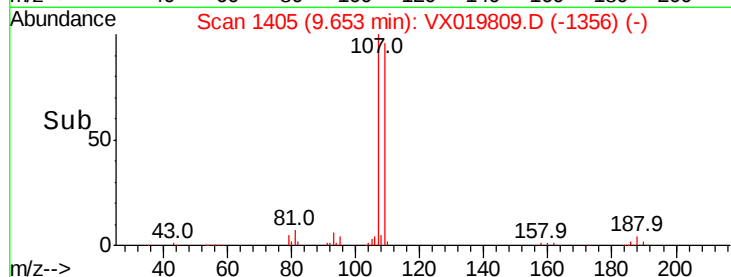
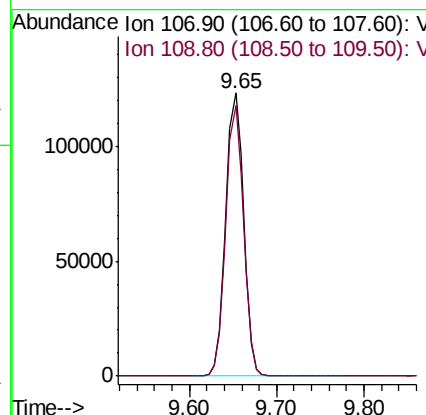
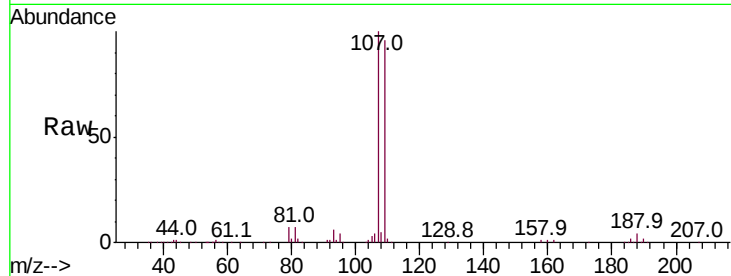




#61
 1,2-Dibromoethane
 Concen: 51.626 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX019809.D
 Acq: 10 Dec 2020 04:34

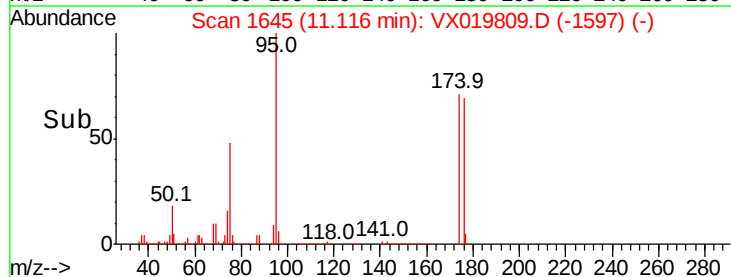
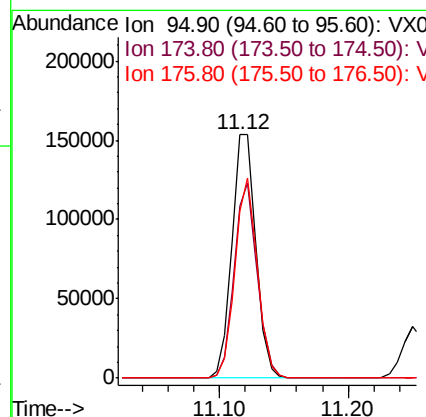
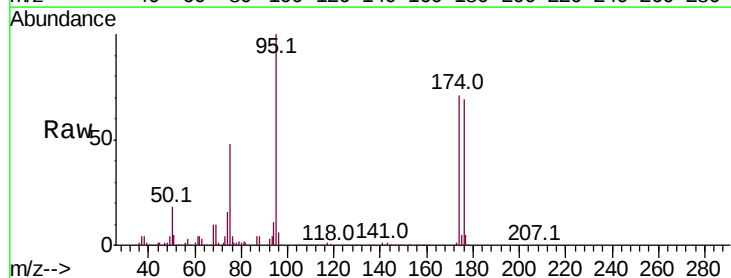
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

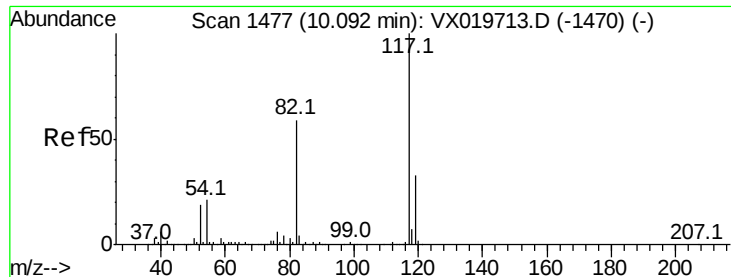
Tot Ion:107 Resp: 174589
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 47.072 ug/l
 RT: 11.12 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: VX019809.D
 Acq: 10 Dec 2020 04:34

Tgt Ion: 95 Resp: 202355
 Ion Ratio Lower Upper
 95 100
 174 76.9 0.0 154.6
 176 76.5 0.0 155.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

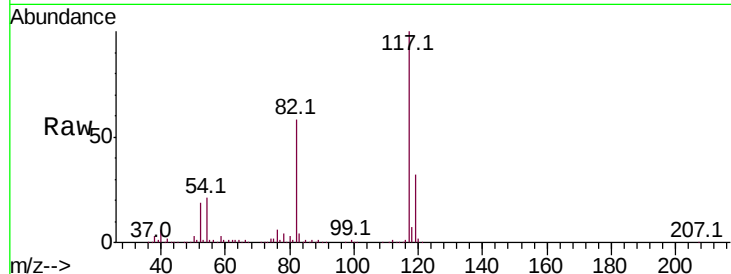
Tot Ion:117 Resp: 420262

Ion Ratio Lower Upper

117 100

82 58.5 47.4 71.2

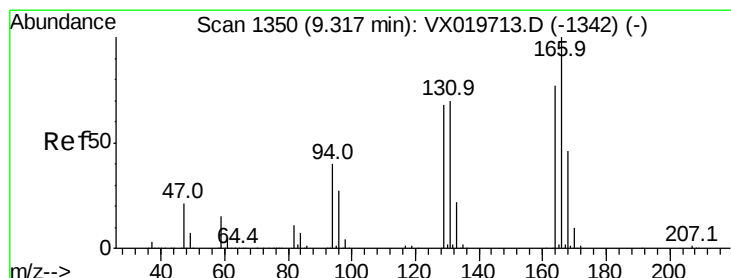
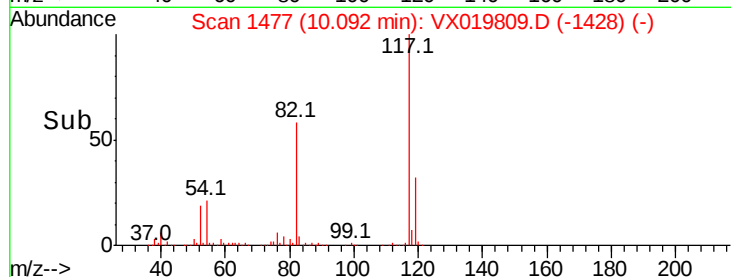
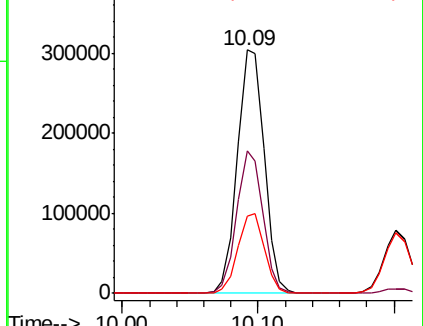
119 31.6 26.6 39.8



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: 50.898 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

Tgt Ion:164 Resp: 143450

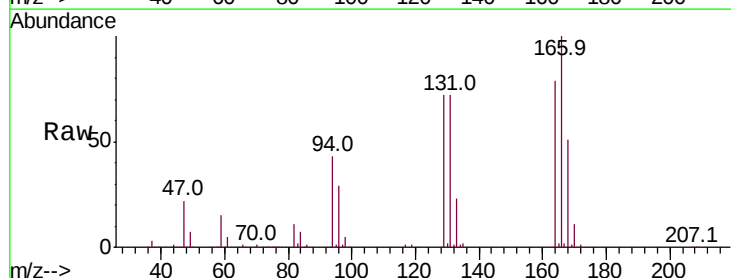
Ion Ratio Lower Upper

164 100

166 126.9 103.4 155.2

129 91.9 70.8 106.2

131 91.6 72.5 108.7

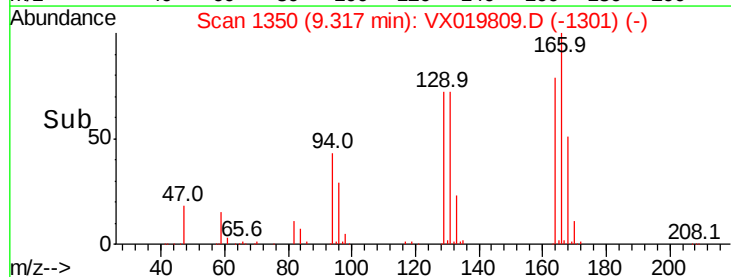
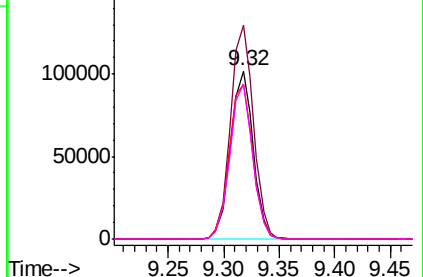


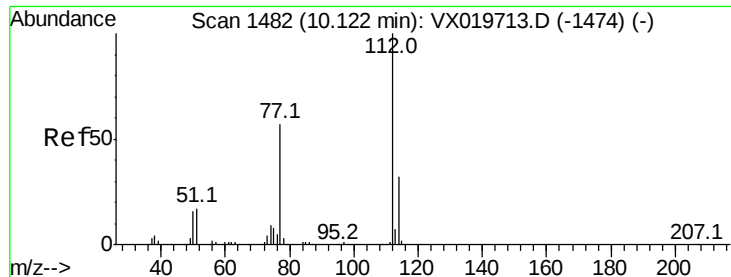
Abundance Ion 163.80 (163.50 to 164.50): V

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

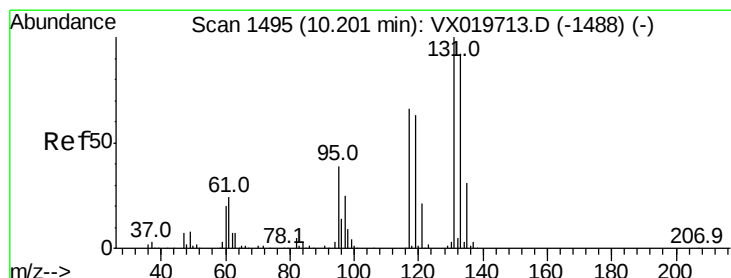
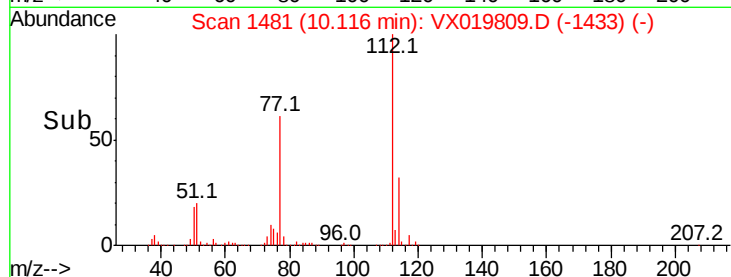
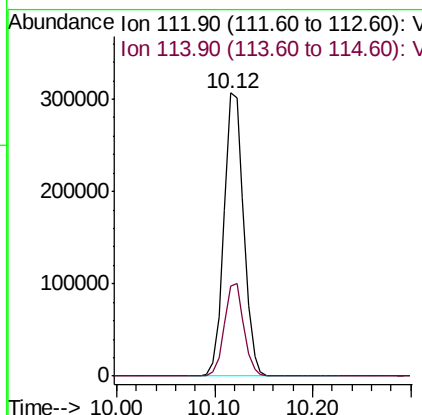
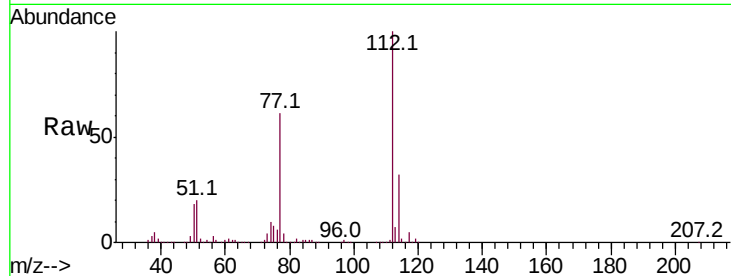




#65
Chlorobenzene
Concen: 50.951 ug/l
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX019809.D
Acq: 10 Dec 2020 04:34

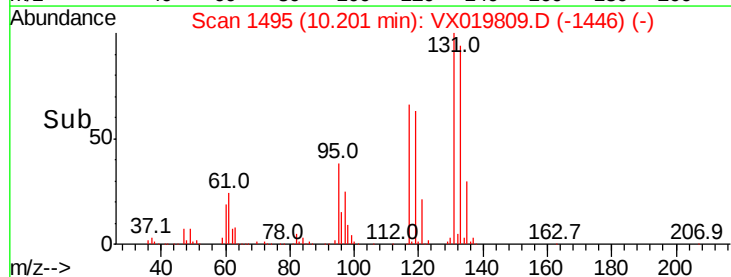
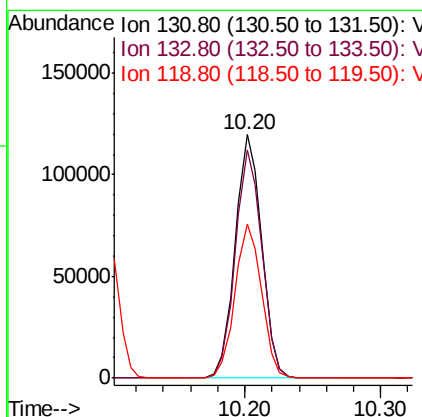
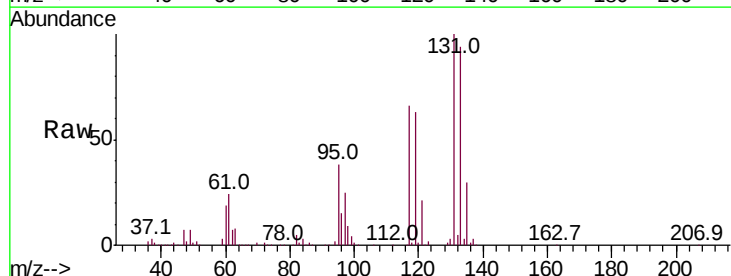
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

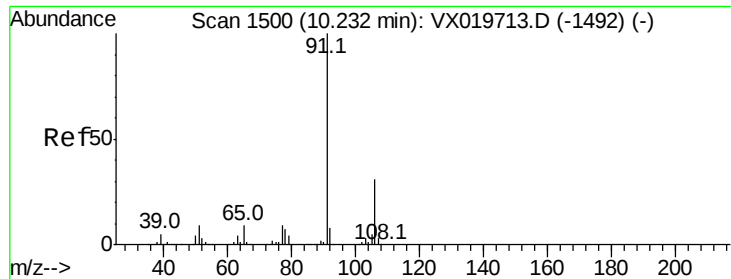
Tot Ion:112 Resp: 426599
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.662 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019809.D
Acq: 10 Dec 2020 04:34

Tgt Ion:131 Resp: 161717
Ion Ratio Lower Upper
131 100
133 94.2 47.7 143.1
119 63.7 32.1 96.5





#67

Ethyl Benzene

Concen: 51.815 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

Instrument :

MSVOA_X

ClientSampleId :

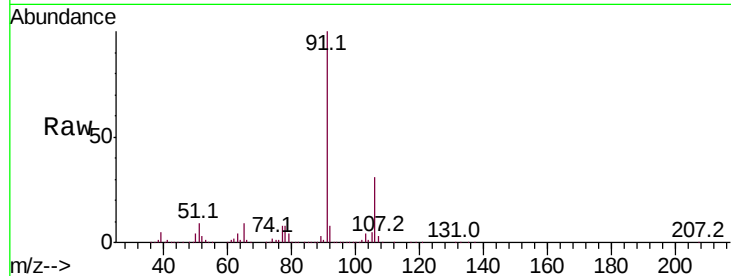
VSTDCCC050EC

Tot Ion: 91 Resp: 770084

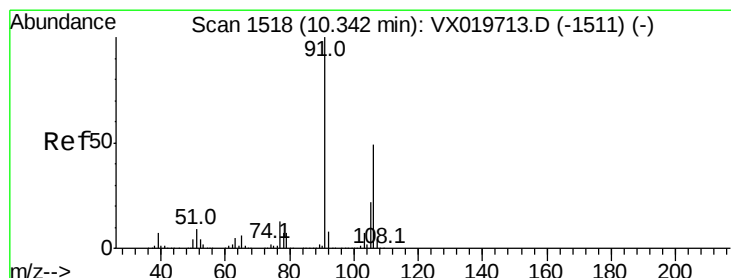
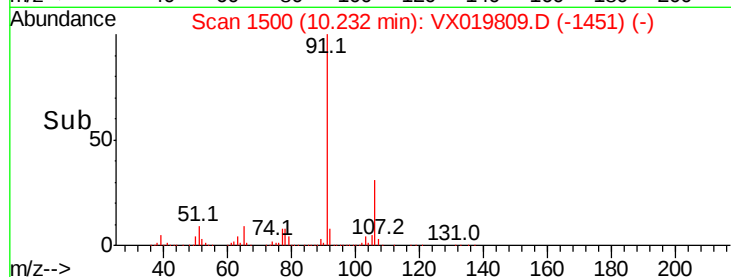
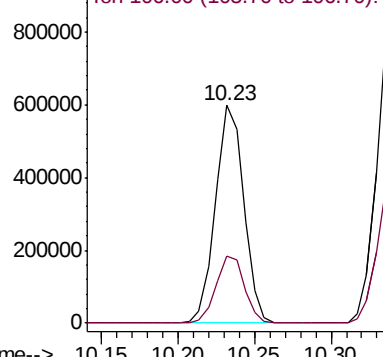
Ion Ratio Lower Upper

91 100

106 31.0 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX019713.D (-1492) (-)



#68

m/p-Xylenes

Concen: 103.959 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019809.D

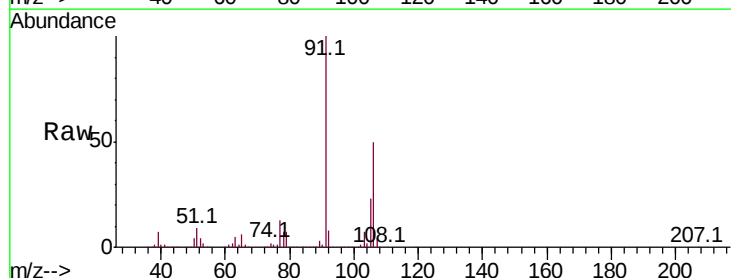
Acq: 10 Dec 2020 04:34

Tgt Ion: 106 Resp: 582197

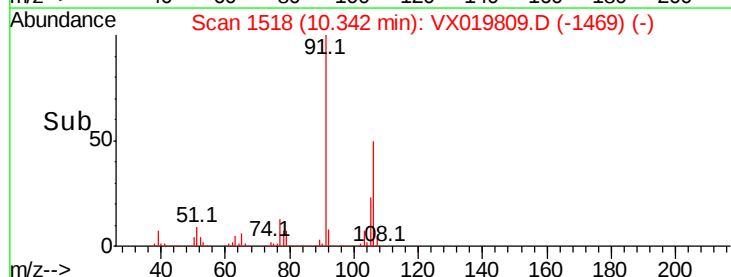
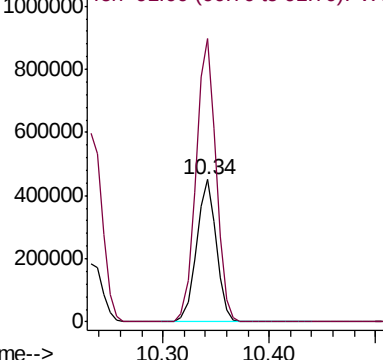
Ion Ratio Lower Upper

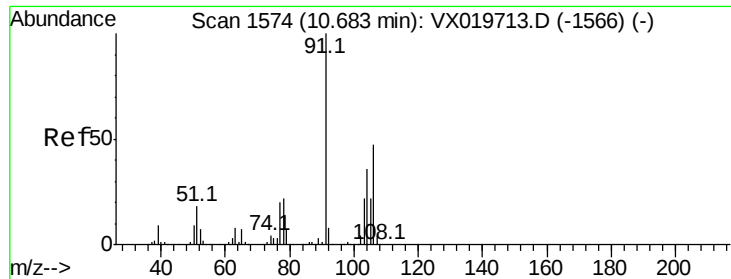
106 100

91 202.4 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): VX019809.D (-1469) (-)

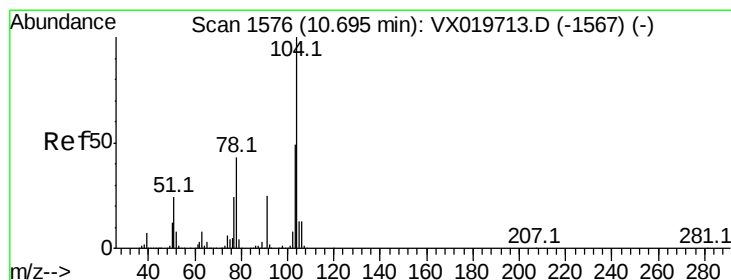
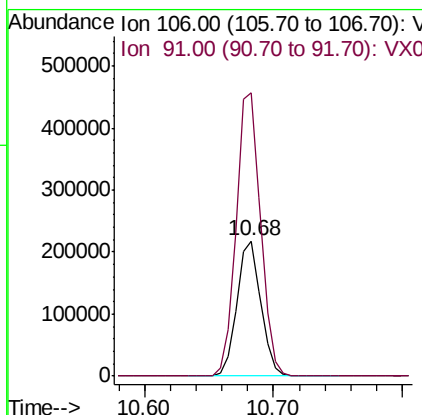
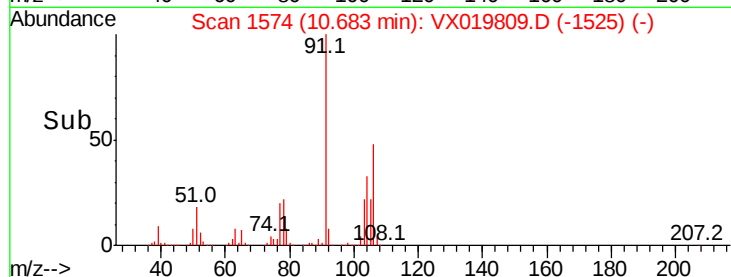
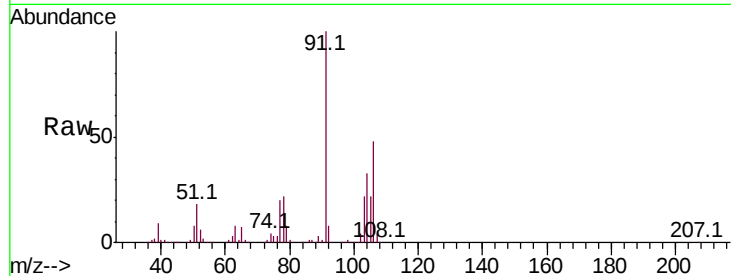




#69
o-Xylene
Concen: 52.159 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019809.D
Acq: 10 Dec 2020 04:34

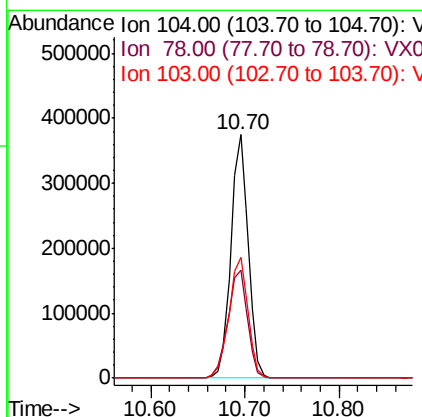
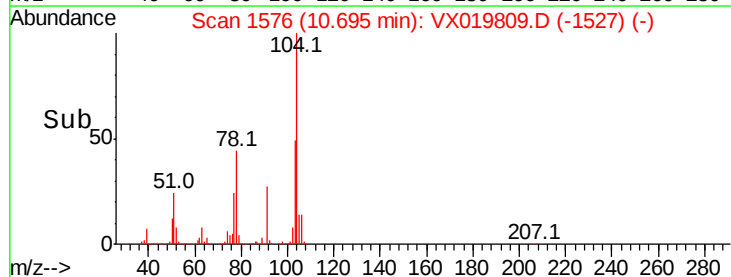
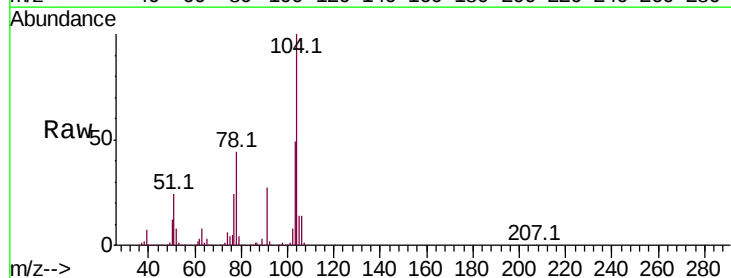
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

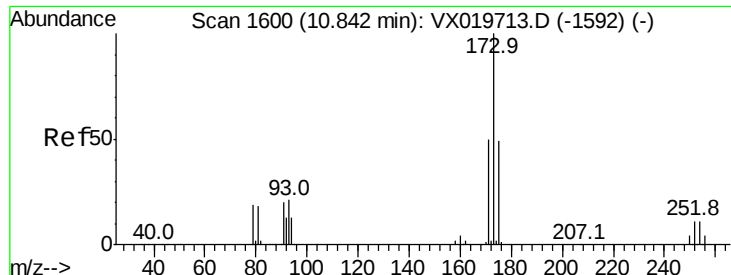
Tot Ion:106 Resp: 280990
Ion Ratio Lower Upper
106 100
91 214.4 108.1 324.2



#70
Styrene
Concen: 52.399 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019809.D
Acq: 10 Dec 2020 04:34

Tgt Ion:104 Resp: 476461
Ion Ratio Lower Upper
104 100
78 50.4 40.0 60.0
103 54.6 43.4 65.0





#71

Bromoform

Concen: 53.435 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

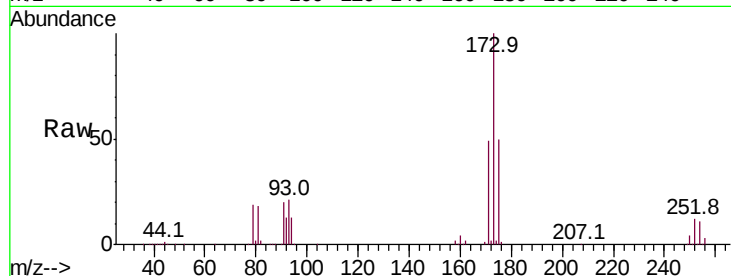
Tot Ion:173 Resp: 126680

Ion Ratio Lower Upper

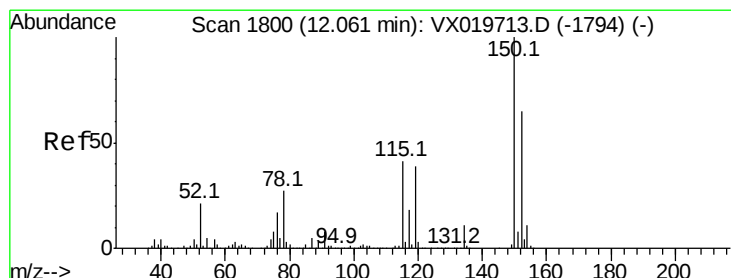
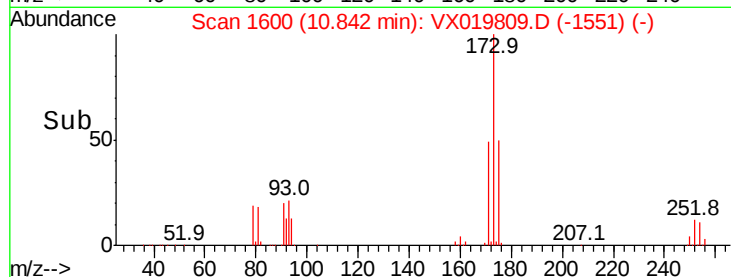
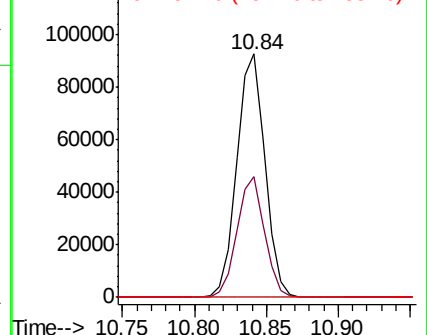
173 100

175 48.2 23.9 71.8

254 0.2 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: VX019809.D

Acq: 10 Dec 2020 04:34

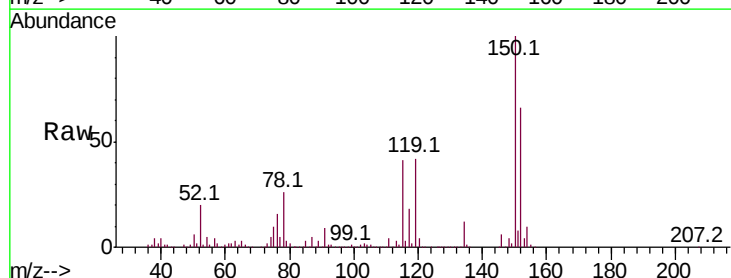
Tgt Ion:152 Resp: 211754

Ion Ratio Lower Upper

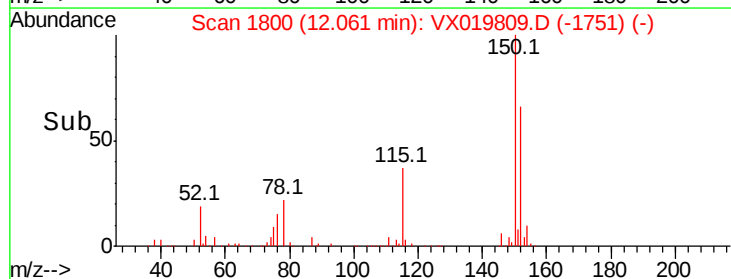
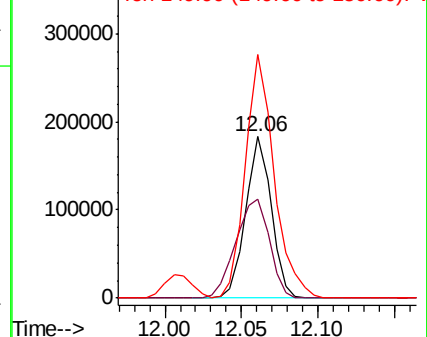
152 100

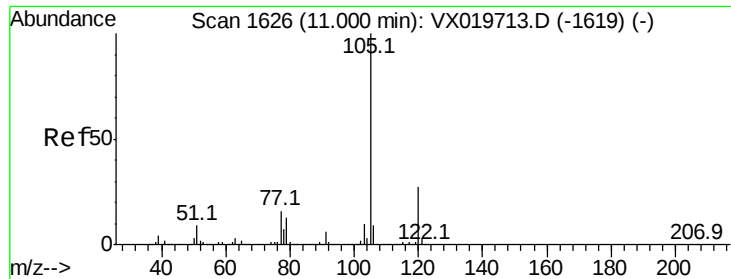
115 81.2 41.1 123.3

150 170.8 0.0 349.0



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

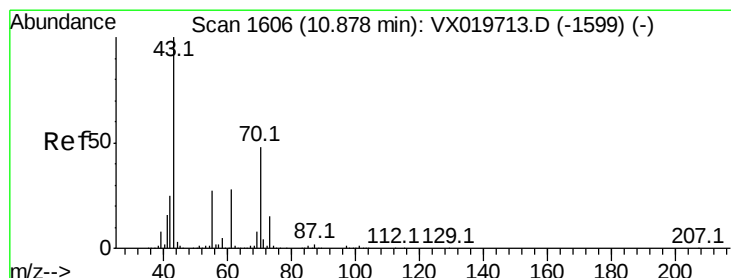
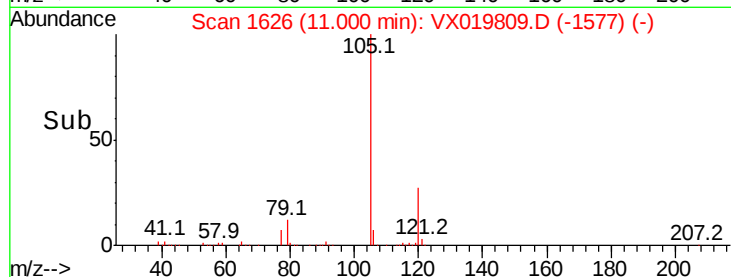
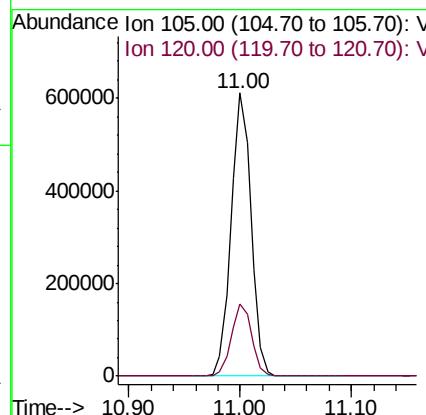
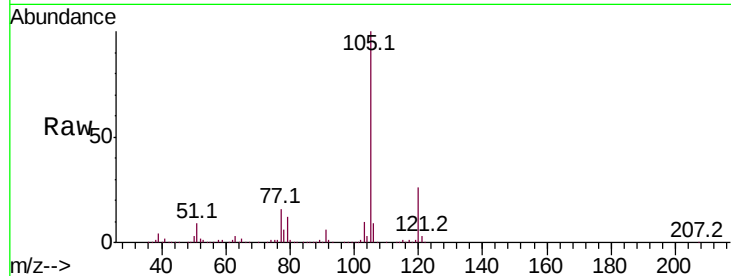




#73
Isopropylbenzene
Concen: 52.278 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX019809.D
Acq: 10 Dec 2020 04:34

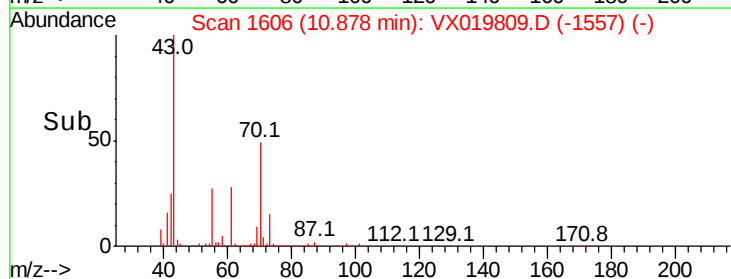
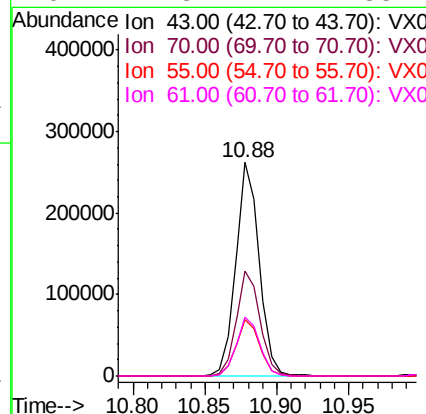
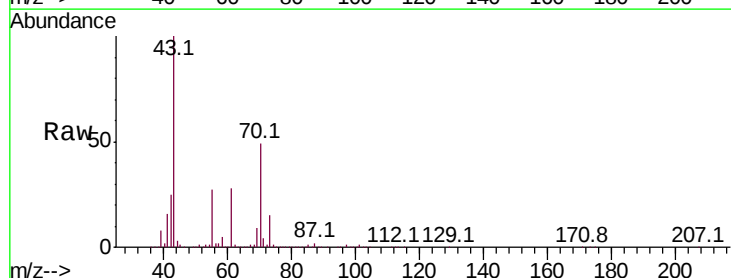
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

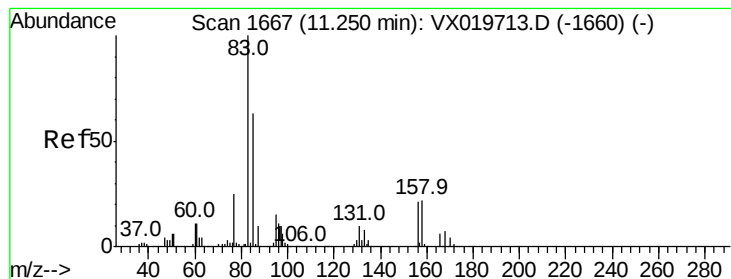
Tot Ion:105 Resp: 756306
Ion Ratio Lower Upper
105 100
120 25.9 13.2 39.6



#74
N-ethyl acetate
Concen: 51.600 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX019809.D
Acq: 10 Dec 2020 04:34

Tgt Ion: 43 Resp: 299153
Ion Ratio Lower Upper
43 100
70 50.0 39.0 58.6
55 27.2 21.5 32.3
61 27.8 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 52.110 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

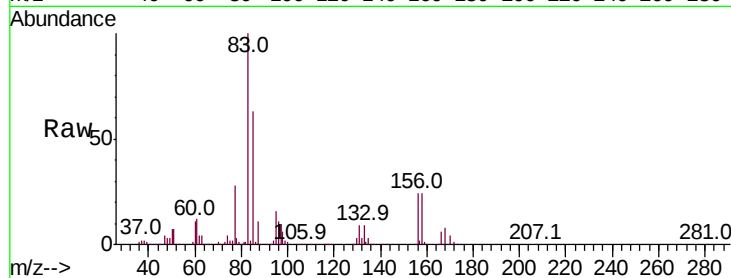
Tot Ion: 83 Resp: 265785

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.2

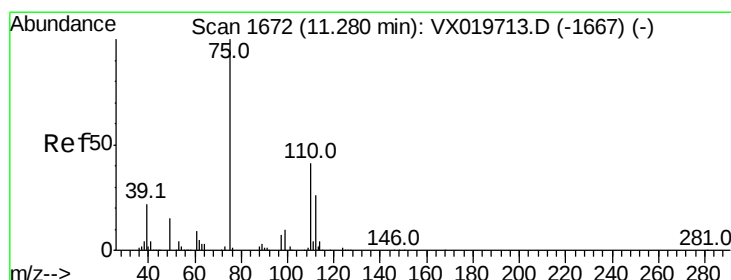
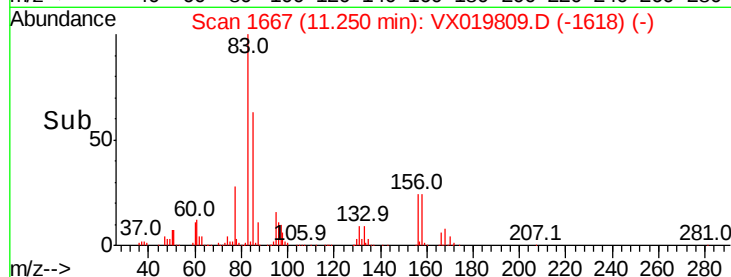
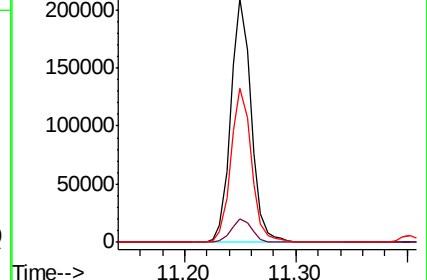
85 63.8 31.8 95.4



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: 63.037 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019809.D

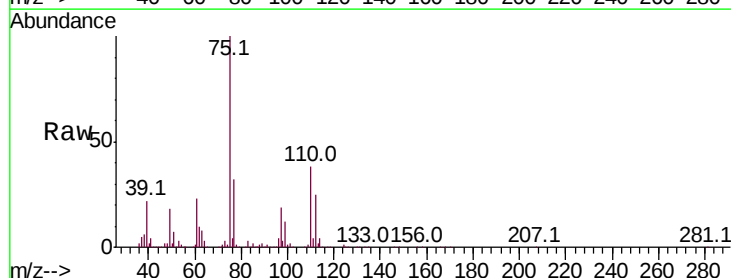
Acq: 10 Dec 2020 04:34

Tgt Ion: 75 Resp: 299382

Ion Ratio Lower Upper

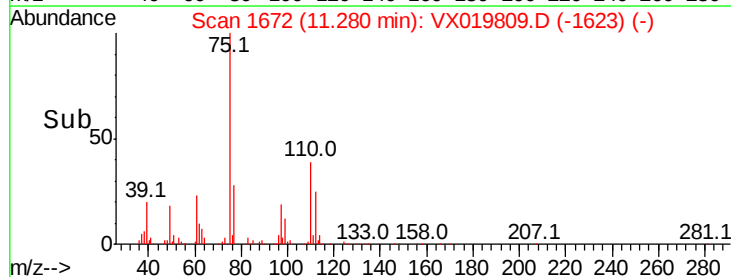
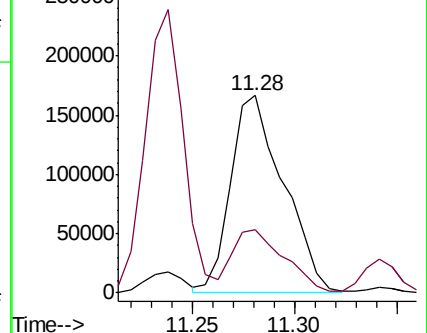
75 100

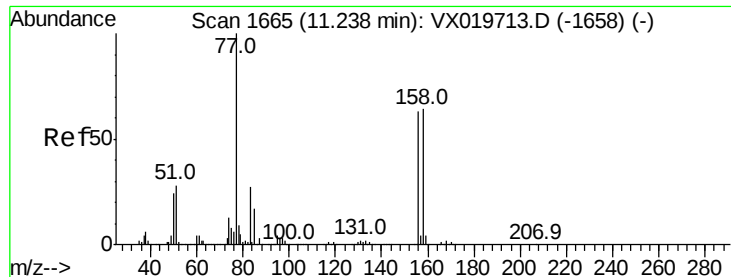
77 31.2 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.180 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

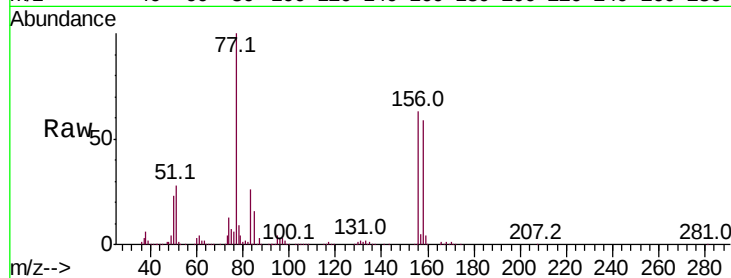
Tot Ion:156 Resp: 189482

Ion Ratio Lower Upper

156 100

77 163.8 82.8 248.6

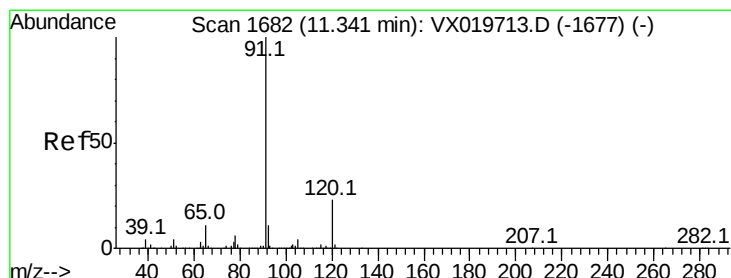
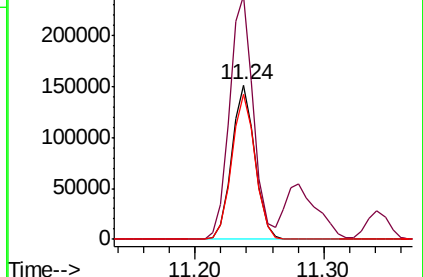
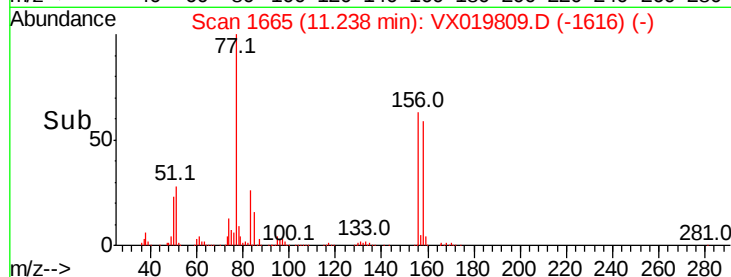
158 95.6 49.1 147.4



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: 51.866 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019809.D

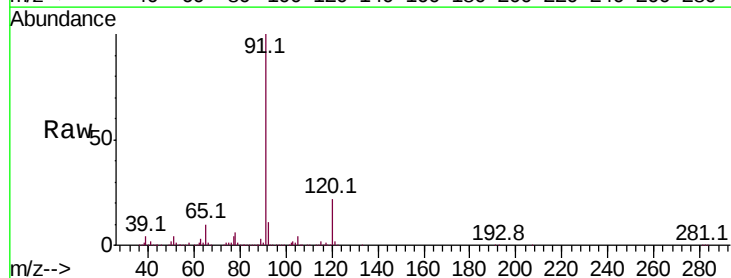
Acq: 10 Dec 2020 04:34

Tgt Ion: 91 Resp: 856997

Ion Ratio Lower Upper

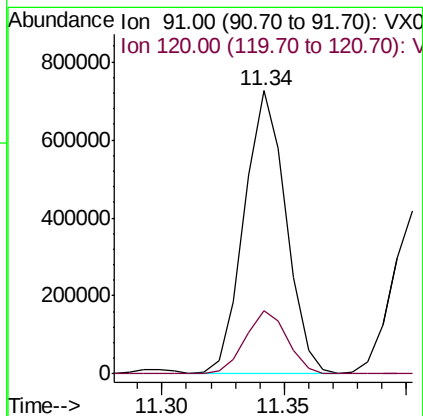
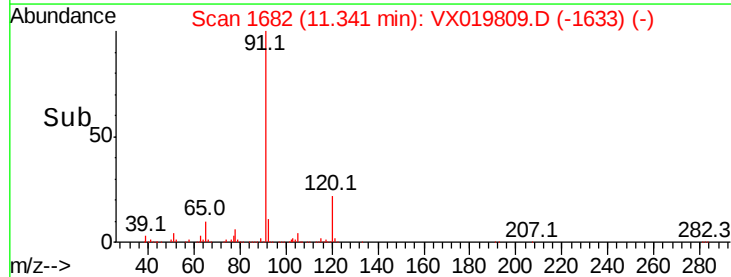
91 100

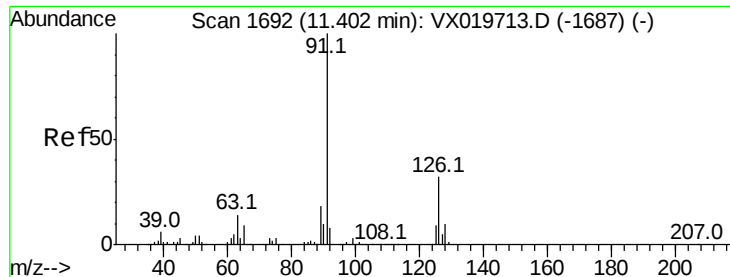
120 22.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.940 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

Instrument :

MSVOA_X

ClientSampleId :

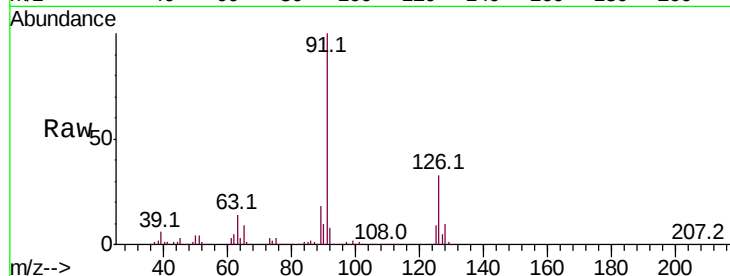
VSTDCCC050EC

Tot Ion: 91 Resp: 518341

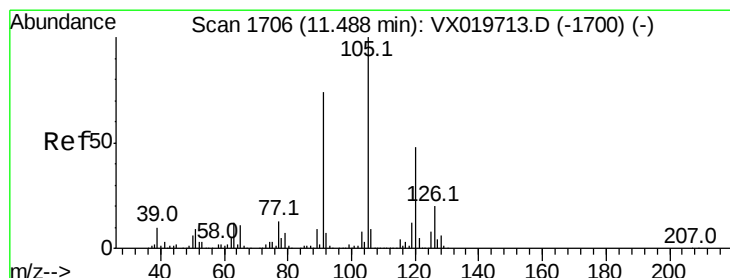
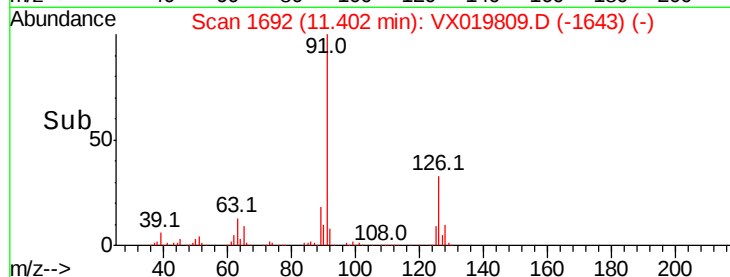
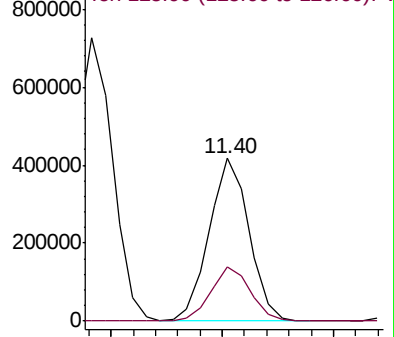
Ion Ratio Lower Upper

91 100

126 33.3 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VX019713.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.797 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019809.D

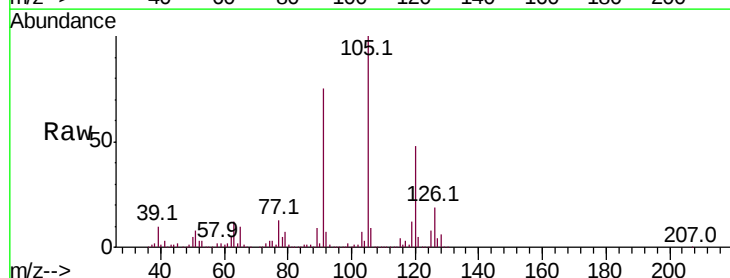
Acq: 10 Dec 2020 04:34

Tgt Ion: 105 Resp: 632428

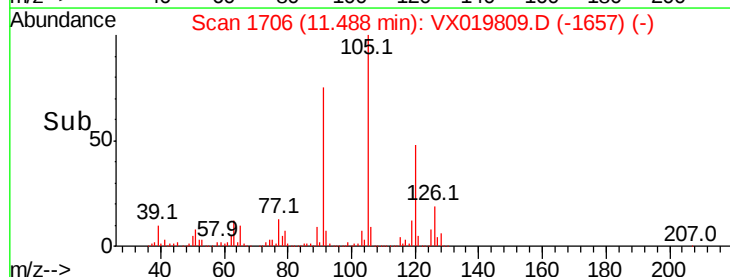
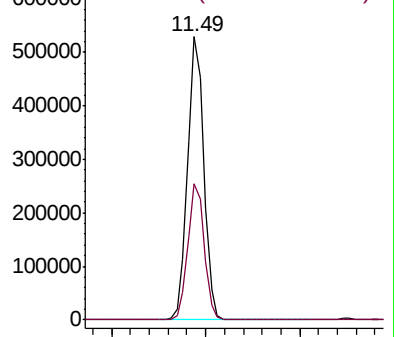
Ion Ratio Lower Upper

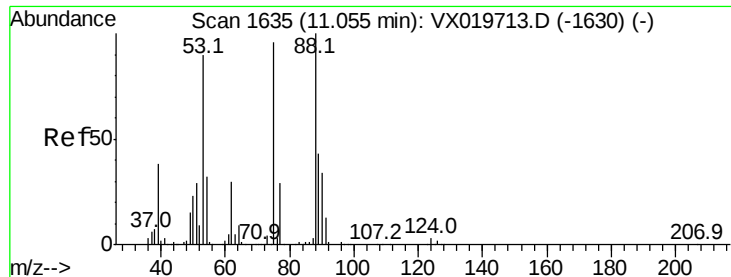
105 100

120 48.5 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): VX019713.D (-1700) (-)

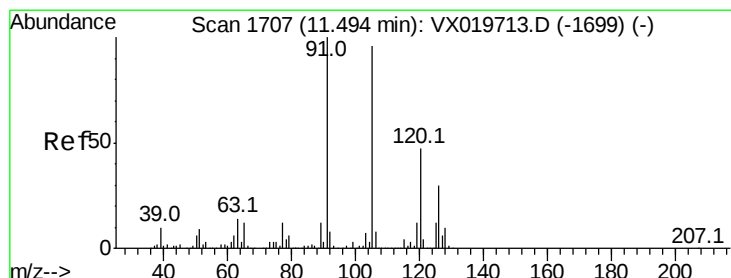
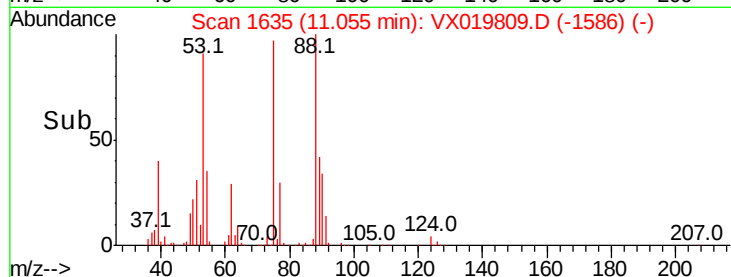
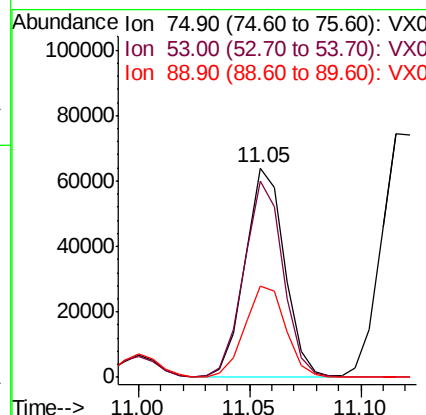
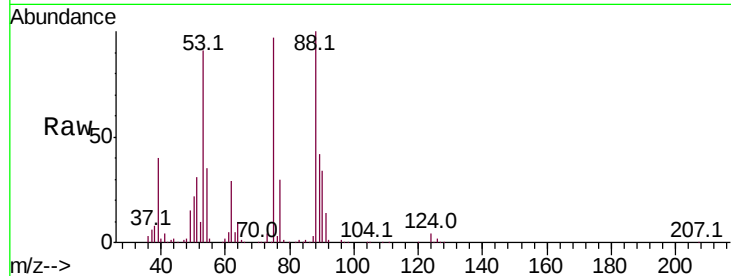




#81
trans-1,4-Dichloro-2-butene
Concen: 48.159 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019809.D
Acq: 10 Dec 2020 04:34

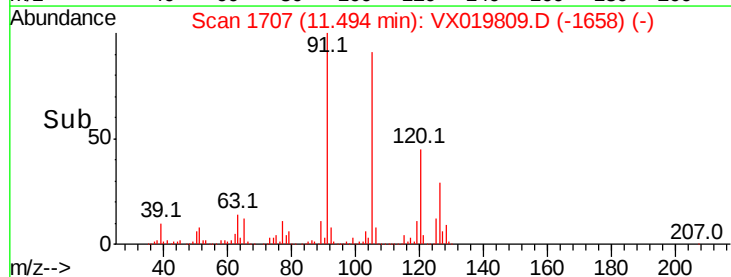
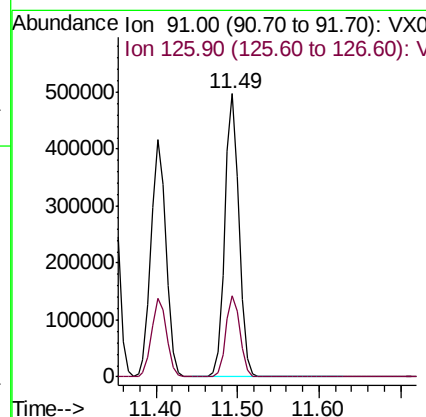
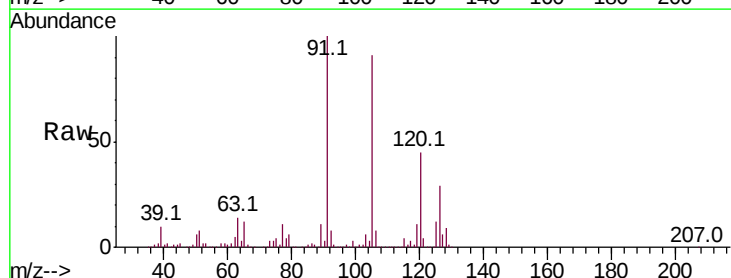
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

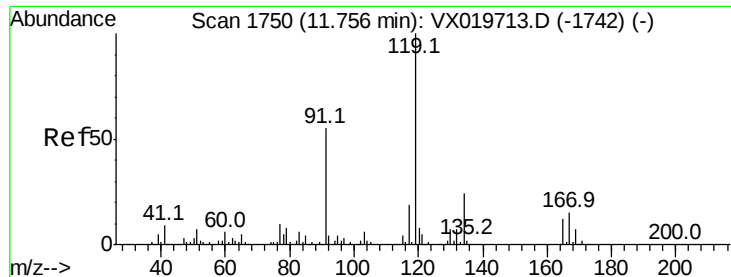
Tot Ion: 75 Resp: 79119
Ion Ratio Lower Upper
75 100
53 93.1 74.5 111.7
89 45.0 37.9 56.9



#82
4-Chlorotoluene
Concen: 50.819 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019809.D
Acq: 10 Dec 2020 04:34

Tgt Ion: 91 Resp: 605616
Ion Ratio Lower Upper
91 100
126 28.8 14.9 44.5

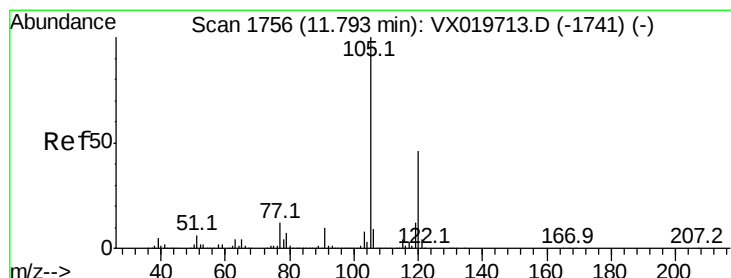
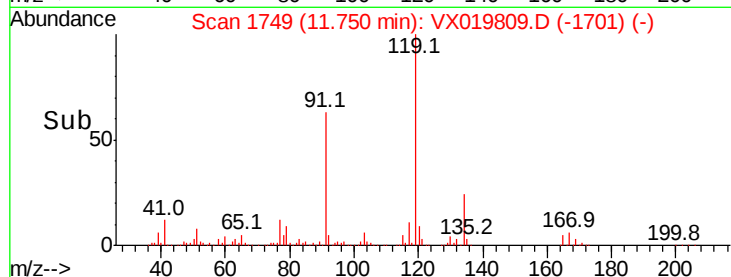
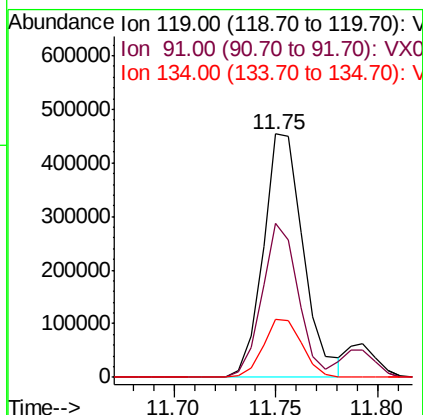
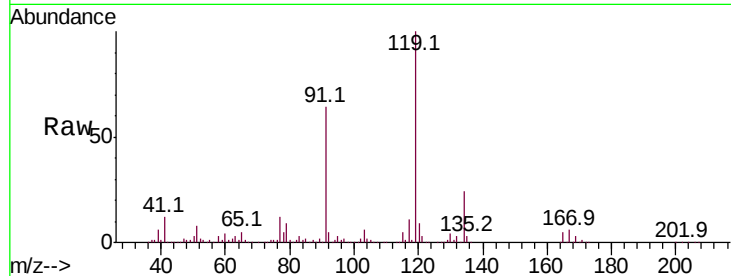




#83
tert-Butylbenzene
Concen: 51.928 ug/l
RT: 11.75 min Scan# 1749
Delta R.T. -0.01 min
Lab File: VX019809.D
Acq: 10 Dec 2020 04:34

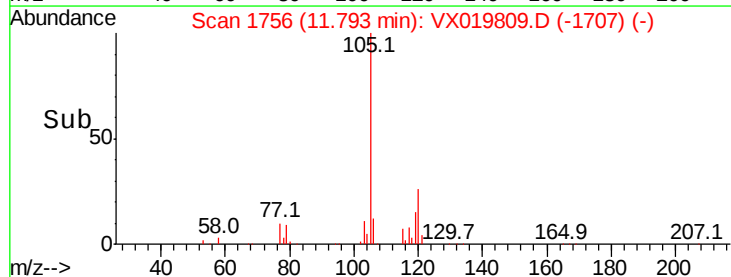
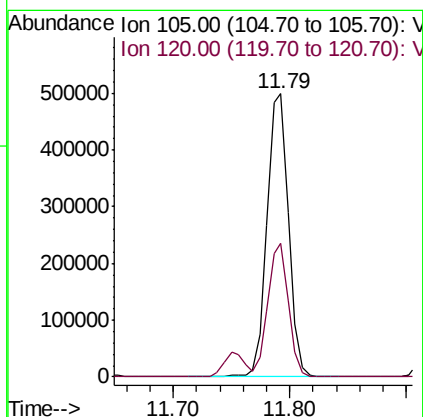
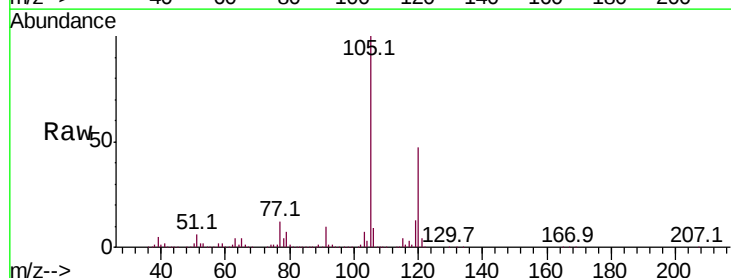
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

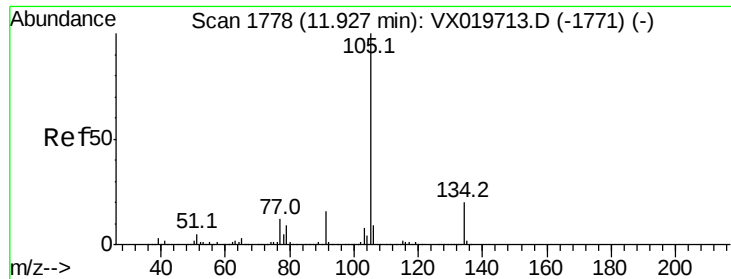
Tot Ion:119 Resp: 621827
Ion Ratio Lower Upper
119 100
91 57.2 27.9 83.7
134 23.1 11.3 33.9



#84
1,2,4-Trimethylbenzene
Concen: 52.113 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019809.D
Acq: 10 Dec 2020 04:34

Tgt Ion:105 Resp: 640940
Ion Ratio Lower Upper
105 100
120 45.2 22.4 67.3

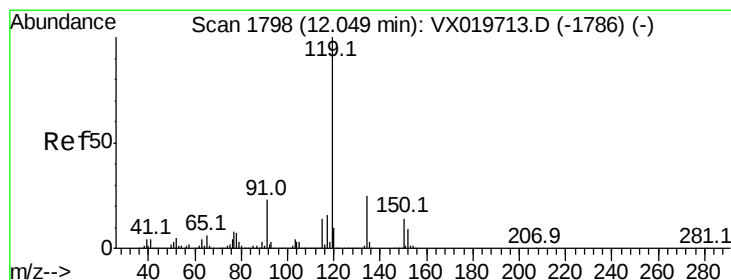
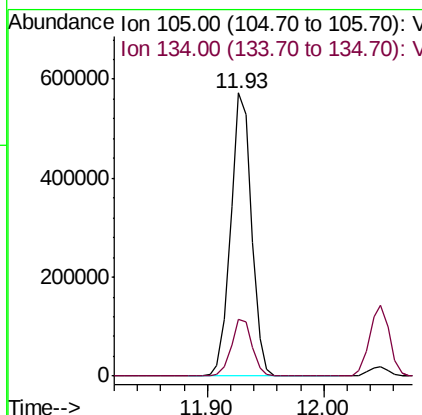
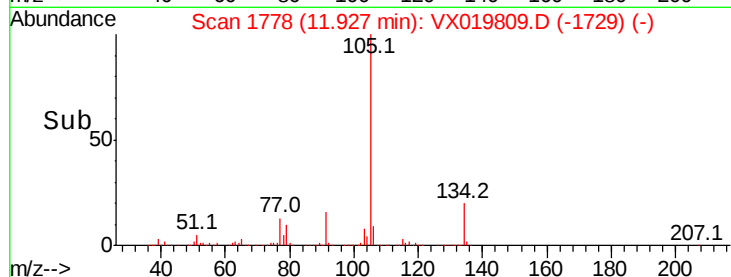
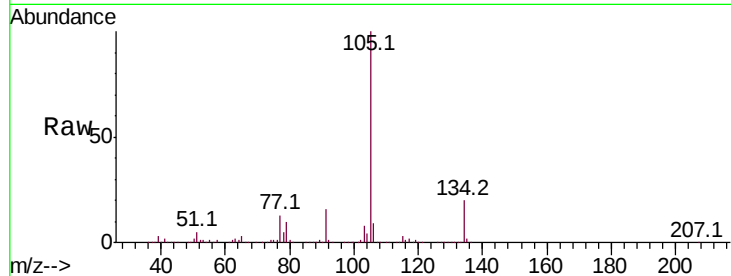




#85
 sec-Butylbenzene
 Concen: 52.063 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019809.D
 Acq: 10 Dec 2020 04:34

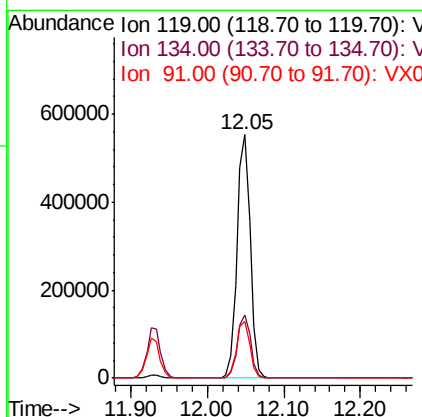
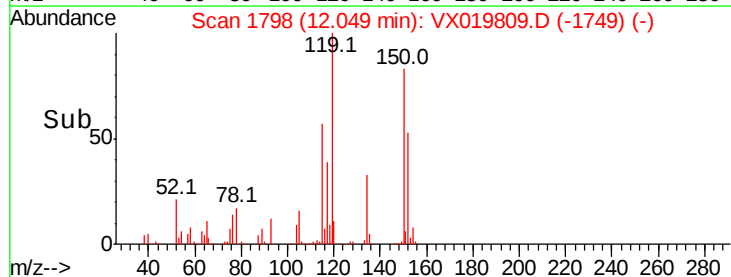
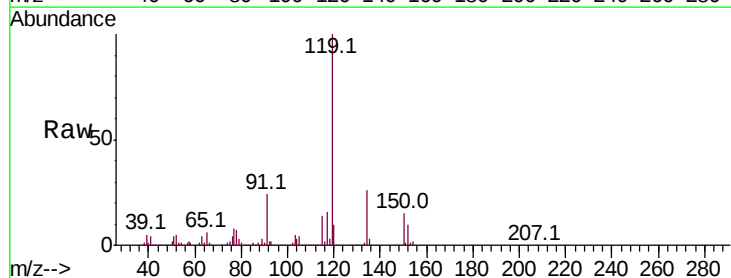
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

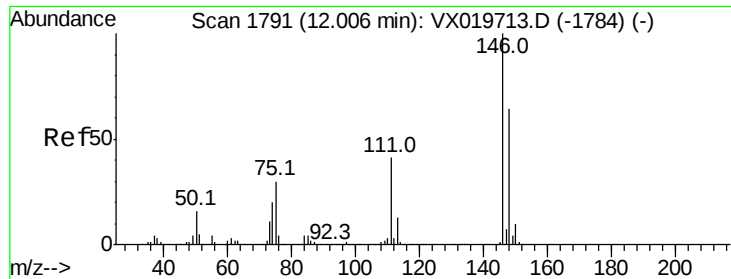
Tot Ion:105 Resp: 711794
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 52.625 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019809.D
 Acq: 10 Dec 2020 04:34

Tgt Ion:119 Resp: 659381
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.7
 91 23.7 11.7 35.0

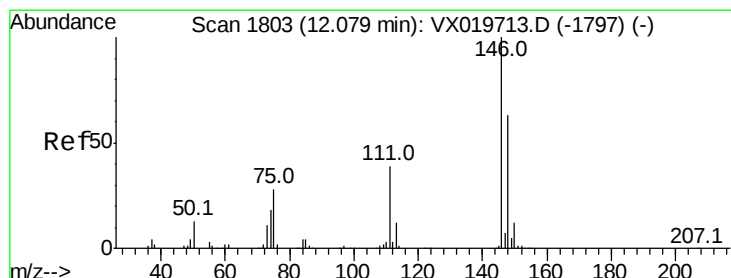
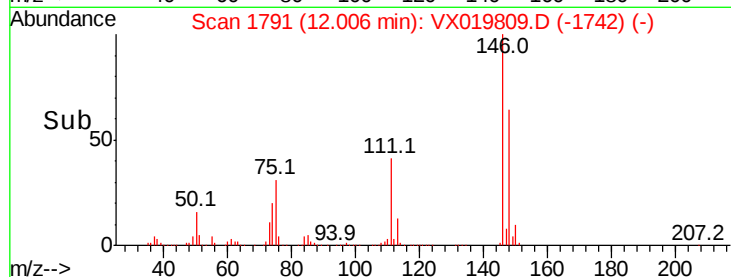
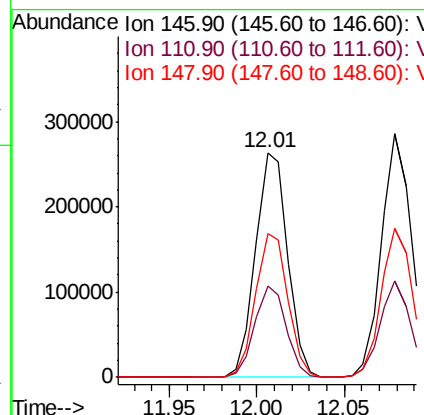
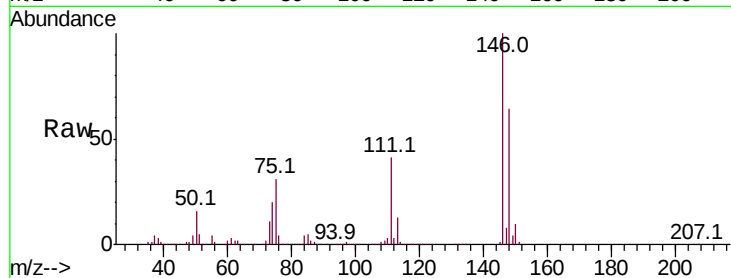




#87
 1,3-Dichlorobenzene
 Concen: 49.852 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019809.D
 Acq: 10 Dec 2020 04:34

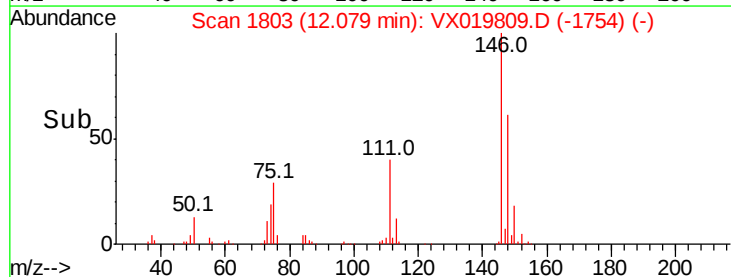
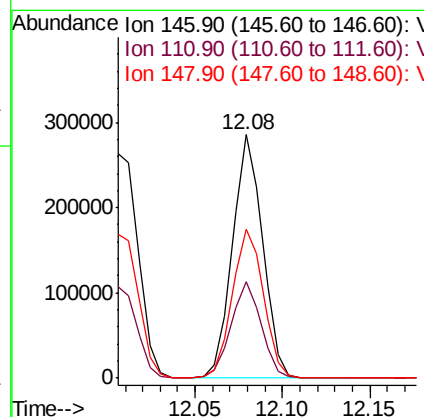
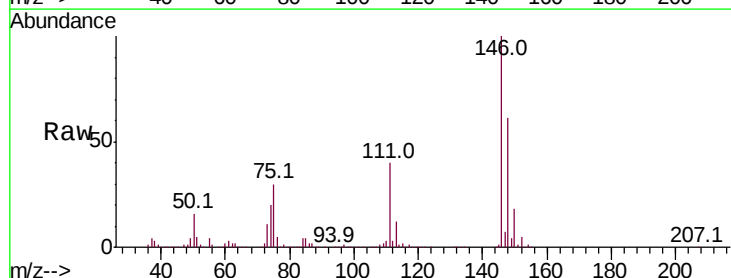
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

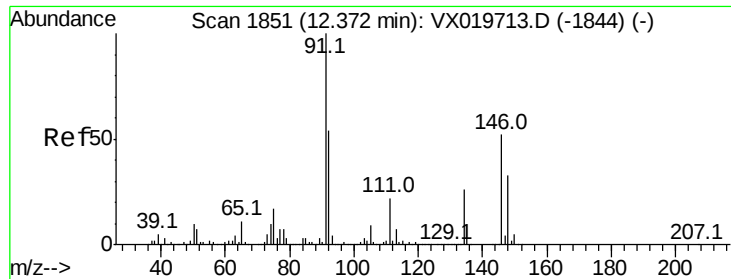
Tot Ion:146 Resp: 338745
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.2 60.5
 148 63.9 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 49.318 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019809.D
 Acq: 10 Dec 2020 04:34

Tgt Ion:146 Resp: 341323
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.6 58.8
 148 63.4 31.6 95.0

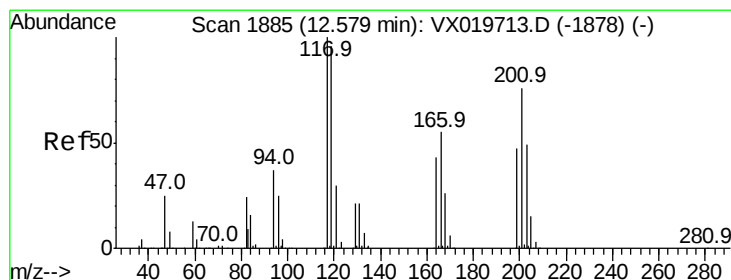
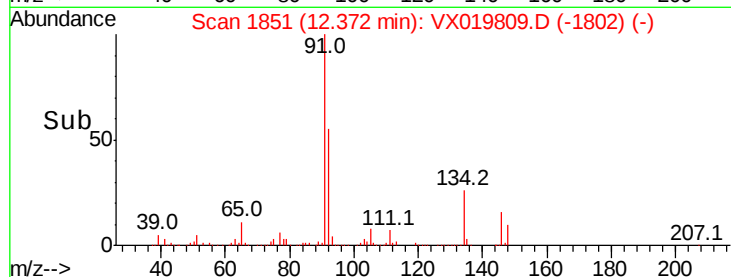
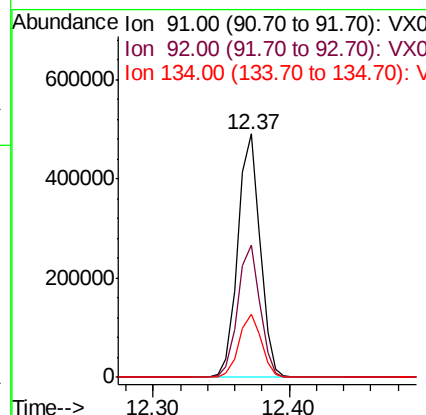
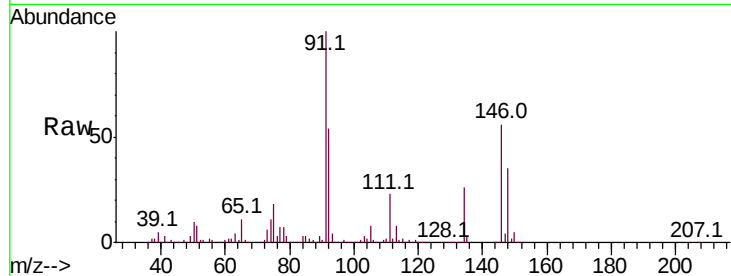




#89
n-Butylbenzene
Concen: 50.420 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019809.D
Acq: 10 Dec 2020 04:34

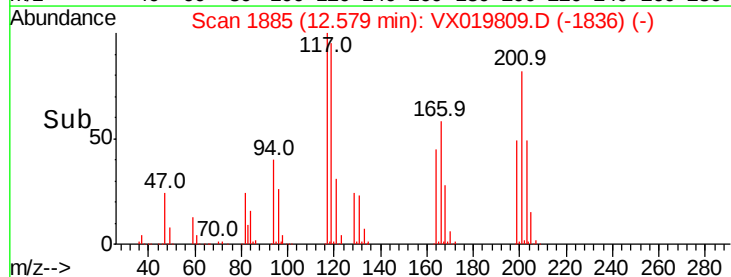
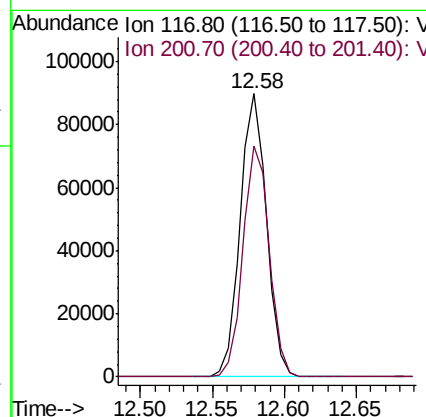
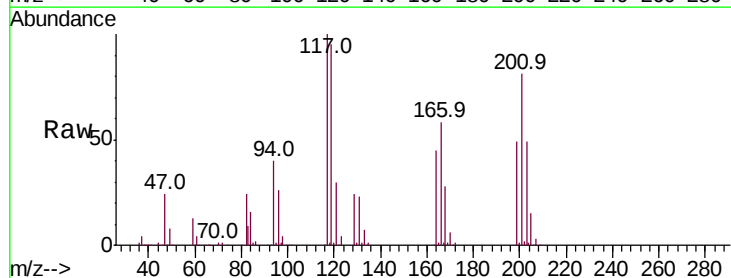
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

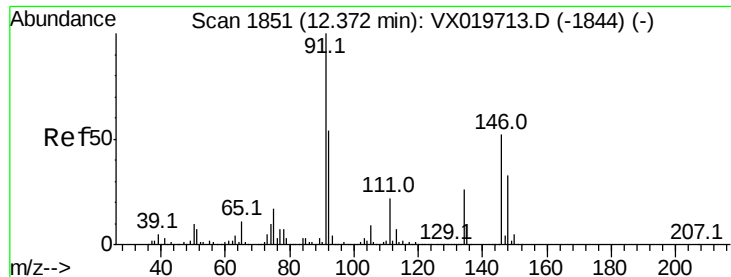
Tot Ion: 91 Resp: 559714
Ion Ratio Lower Upper
91 100
92 54.5 27.4 82.0
134 25.9 13.2 39.5



#90
Hexachloroethane
Concen: 52.866 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019809.D
Acq: 10 Dec 2020 04:34

Tgt Ion: 117 Resp: 114360
Ion Ratio Lower Upper
117 100
201 81.0 40.4 121.2

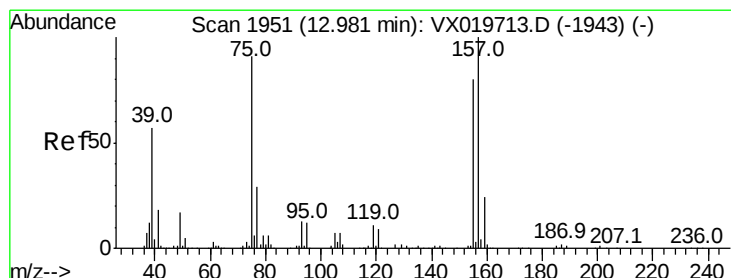
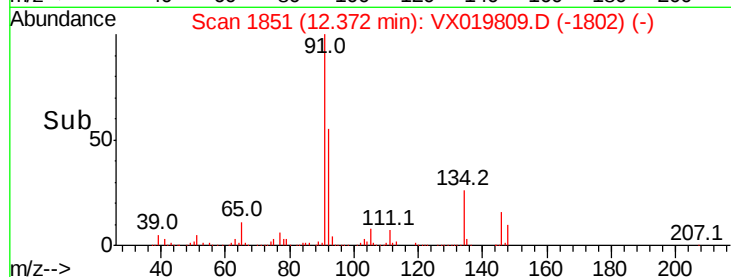
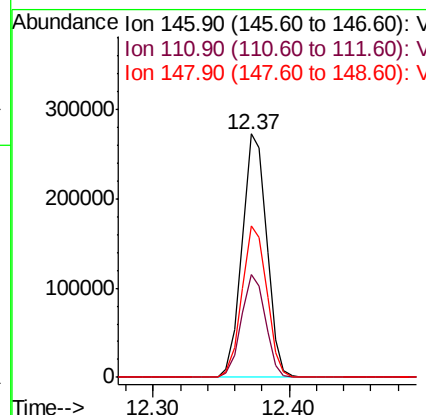
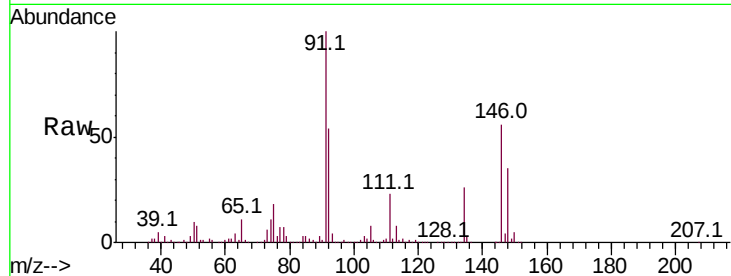




#91
 1,2-Dichlorobenzene
 Concen: 51.910 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX019809.D
 Acq: 10 Dec 2020 04:34

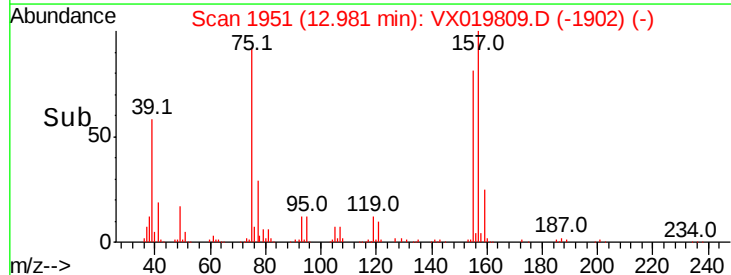
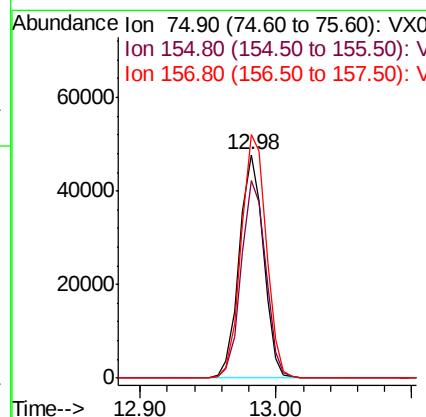
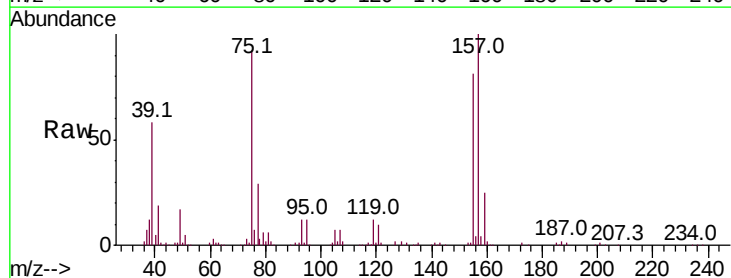
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

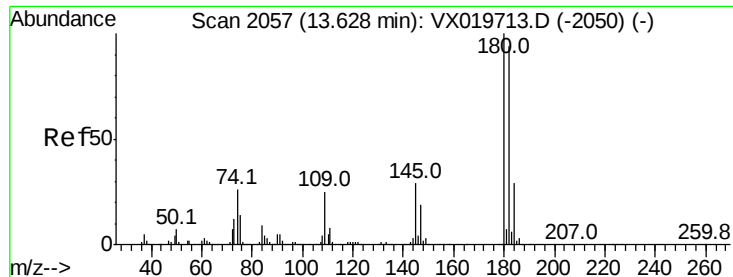
Tot Ion:146 Resp: 343847
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.8 62.2
 148 62.9 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.911 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019809.D
 Acq: 10 Dec 2020 04:34

Tgt Ion: 75 Resp: 59112
 Ion Ratio Lower Upper
 75 100
 155 89.3 45.3 135.9
 157 112.9 57.7 173.1

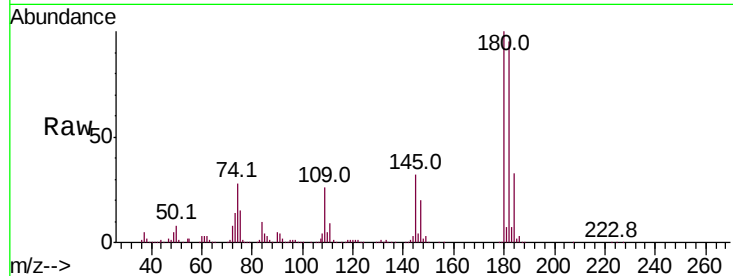




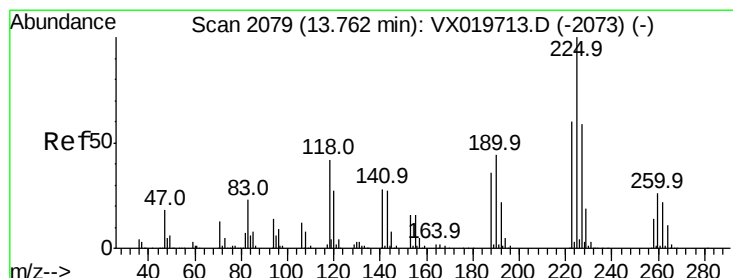
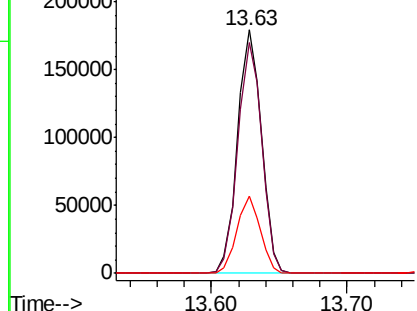
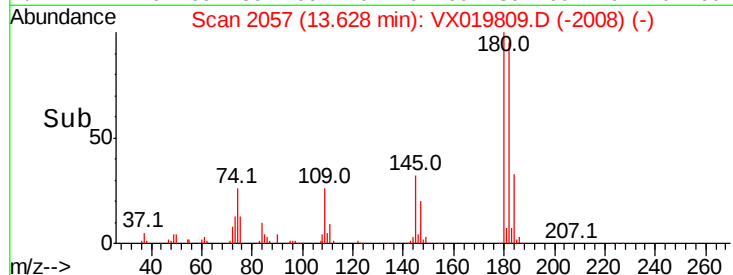
#93
 1,2,4-Trichlorobenzene
 Concen: 50.934 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019809.D
 Acq: 10 Dec 2020 04:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.7	143.1
145	31.0	15.0	45.0

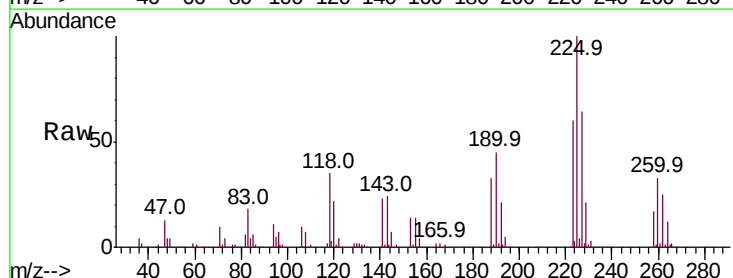


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

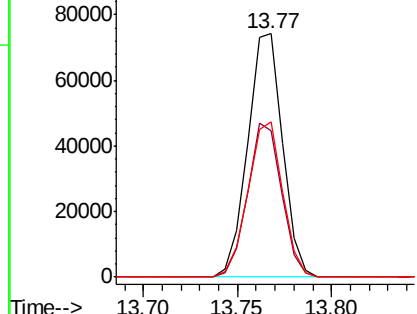
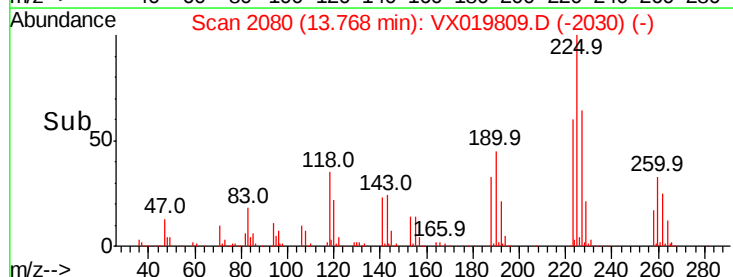


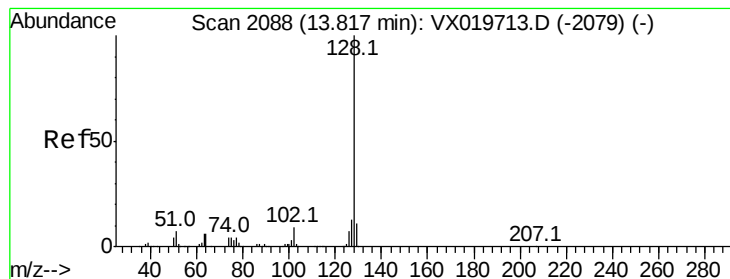
#94
 Hexachlorobutadiene
 Concen: 49.523 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX019809.D
 Acq: 10 Dec 2020 04:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.1	93.2
227	63.1	31.6	95.0



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





#95

Naphthalene

Concen: 55.517 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

Instrument :

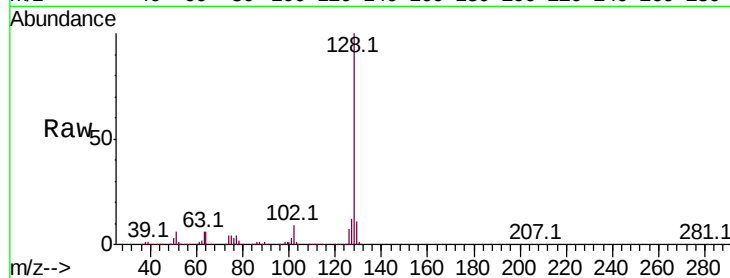
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 776073

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	10.8	8.8	13.2

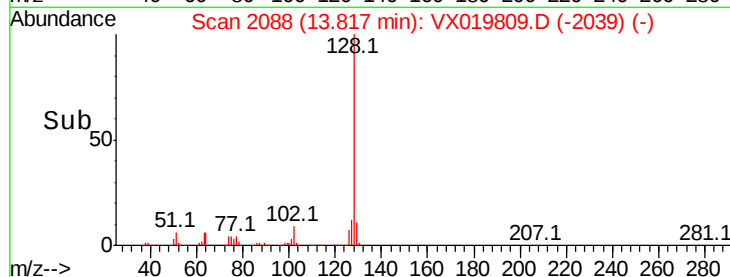
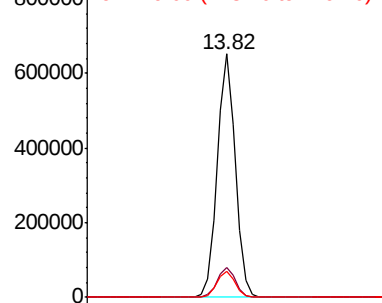


Abundance

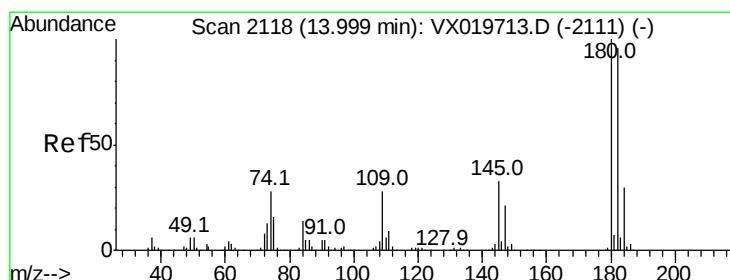
Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time--> 13.70 13.80 13.90



#96

1,2,3-Trichlorobenzene

Concen: 52.551 ug/l

RT: 14.00 min Scan# 2118

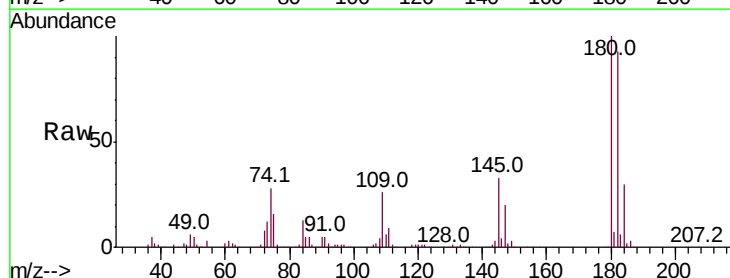
Delta R.T. 0.00 min

Lab File: VX019809.D

Acq: 10 Dec 2020 04:34

Tgt Ion:180 Resp: 221450

Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.6	142.9
145	32.7	16.1	48.3

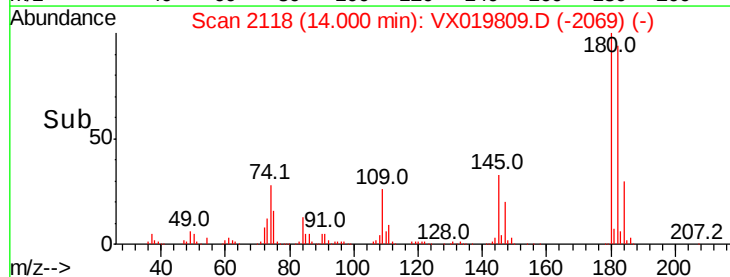
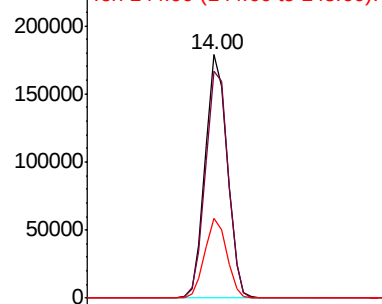


Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time--> 13.90 14.00 14.10