

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102320\
 Data File : VX019092.D
 Acq On : 23 Oct 2020 22:06
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 26 05:37:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	222536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	371991	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	335129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	174066	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	130314	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
35) Dibromofluoromethane	5.46	113	115960	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
50) Toluene-d8	8.70	98	435855	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
62) 4-Bromofluorobenzene	11.12	95	153666	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	113648	51.270	ug/l	98
3) Chloromethane	1.31	50	101706	46.147	ug/l	99
4) Vinyl Chloride	1.39	62	127805	49.146	ug/l	99
5) Bromomethane	1.63	94	89153	36.154	ug/l	95
6) Chloroethane	1.71	64	86556	47.346	ug/l	99
7) Trichlorofluoromethane	1.92	101	219432	49.932	ug/l	100
8) Diethyl Ether	2.17	74	82873	48.160	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	106156	50.989	ug/l	99
10) Methyl Iodide	2.49	142	119838	41.695	ug/l	100
11) Tert butyl alcohol	3.02	59	127841	236.797	ug/l	100
12) 1,1-Dichloroethene	2.36	96	106162	49.013	ug/l	99
13) Acrolein	2.27	56	72528	350.472	ug/l	100
14) Allyl chloride	2.71	41	135010	48.182	ug/l	99
15) Acrylonitrile	3.11	53	255695	244.922	ug/l	100
16) Acetone	2.42	43	211411	232.846	ug/l	100
17) Carbon Disulfide	2.55	76	282225	45.179	ug/l	99
18) Methyl Acetate	2.75	43	114452	50.799	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	344908	50.270	ug/l	98
20) Methylene Chloride	2.84	84	123729	48.950	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	123840	48.998	ug/l	99
22) Diisopropyl ether	3.82	45	275592	49.877	ug/l	98
23) Vinyl Acetate	3.78	43	1307524	249.212	ug/l	100
24) 1,1-Dichloroethane	3.67	63	200996	49.951	ug/l	100
25) 2-Butanone	4.64	43	347985	242.562	ug/l	99
26) 2,2-Dichloropropane	4.55	77	172437	46.413	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	144218	50.279	ug/l	98
28) Bromochloromethane	4.98	49	82581	48.331	ug/l	95
29) Tetrahydrofuran	5.09	42	202770	236.474	ug/l	99
30) Chloroform	5.18	83	224698	51.434	ug/l	97
31) Cyclohexane	5.55	56	151728	48.606	ug/l	93
32) 1,1,1-Trichloroethane	5.46	97	203258	51.300	ug/l	100
36) 1,1-Dichloropropene	5.77	75	164372	49.245	ug/l	99
37) Ethyl Acetate	4.79	43	140348	49.264	ug/l	99
38) Carbon Tetrachloride	5.75	117	174625	49.844	ug/l	99

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Quant Time: Oct 26 05:37:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	182902	48.910	ug/l	100
40) Benzene	6.12	78	494196	50.272	ug/l	99
41) Methacrylonitrile	5.00	41	73974	48.338	ug/l	99
42) 1,2-Dichloroethane	6.16	62	169513	50.528	ug/l	100
43) Isopropyl Acetate	6.41	43	235915	48.895	ug/l	99
44) Trichloroethene	7.19	130	140179	48.897	ug/l	96
45) 1,2-Dichloropropane	7.49	63	118854	50.404	ug/l	99
46) Dibromomethane	7.63	93	89652	49.918	ug/l	99
47) Bromodichloromethane	7.88	83	177345	50.362	ug/l	98
48) Methyl methacrylate	7.74	41	111622	46.952	ug/l	98
49) 1,4-Dioxane	7.73	88	52291	973.481	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	708565	249.220	ug/l	100
52) Toluene	8.76	92	325669	50.158	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	192026	48.290	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	209207	49.820	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	131357	49.627	ug/l	98
56) Ethyl methacrylate	9.16	69	191606	50.316	ug/l	99
57) 1,3-Dichloropropane	9.35	76	213718	50.870	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	491298	245.598	ug/l	99
59) 2-Hexanone	9.47	43	526351	248.426	ug/l	100
60) Dibromochloromethane	9.57	129	144386	50.048	ug/l	98
61) 1,2-Dibromoethane	9.65	107	140657	49.667	ug/l	100
64) Tetrachloroethene	9.32	164	126486	49.572	ug/l	97
65) Chlorobenzene	10.12	112	353182	50.242	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	130603	52.257	ug/l	99
67) Ethyl Benzene	10.24	91	622487	51.372	ug/l	97
68) m/p-Xylenes	10.34	106	479706	103.347	ug/l	98
69) o-Xylene	10.68	106	228708	51.483	ug/l	100
70) Styrene	10.70	104	390719	51.804	ug/l	99
71) Bromoform	10.84	173	102941	51.023	ug/l	100
73) Isopropylbenzene	11.00	105	620838	49.580	ug/l	100
74) N-amyl acetate	10.88	43	197616	49.256	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	193748	51.361	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	224052	64.400	ug/l	85
77) Bromobenzene	11.24	156	155944	49.312	ug/l	98
78) n-propylbenzene	11.34	91	706096	49.764	ug/l	99
79) 2-Chlorotoluene	11.40	91	408153	49.308	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	512439	49.557	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	62624	45.860	ug/l	99
82) 4-Chlorotoluene	11.49	91	483083	49.047	ug/l	99
83) tert-Butylbenzene	11.76	119	510599	50.125	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	519472	50.170	ug/l	100
85) sec-Butylbenzene	11.93	105	613166	49.743	ug/l	98
86) p-Isopropyltoluene	12.05	119	569469	50.561	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	286509	49.388	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	292086	49.063	ug/l	99
89) n-Butylbenzene	12.37	91	504723	48.957	ug/l	100
90) Hexachloroethane	12.58	117	87083	50.504	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	278615	51.511	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	42944	49.994	ug/l	99

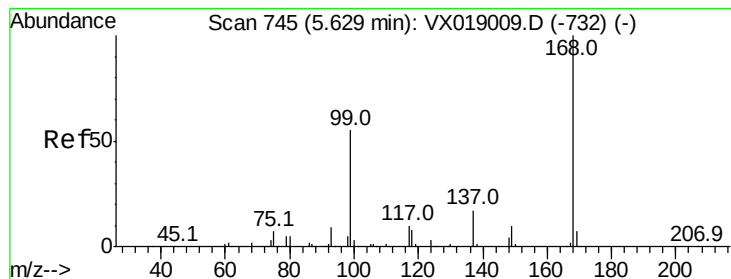
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
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Quant Title : SW846 8260
QLast Update : Thu Oct 22 17:51:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	190895	48.241	ug/l	97
94) Hexachlorobutadiene	13.77	225	79790	43.493	ug/l	97
95) Naphthalene	13.82	128	644637	51.776	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	193733	50.297	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

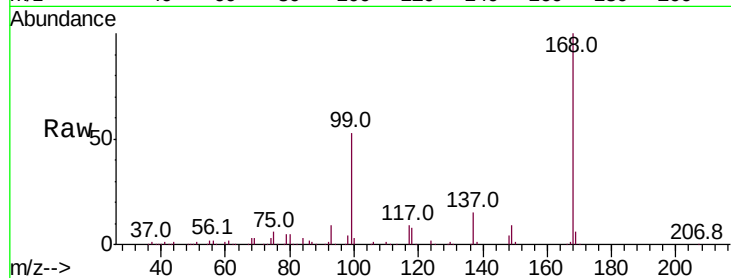
VSTDCCC050

Tot Ion:168 Resp: 222536

Ion Ratio Lower Upper

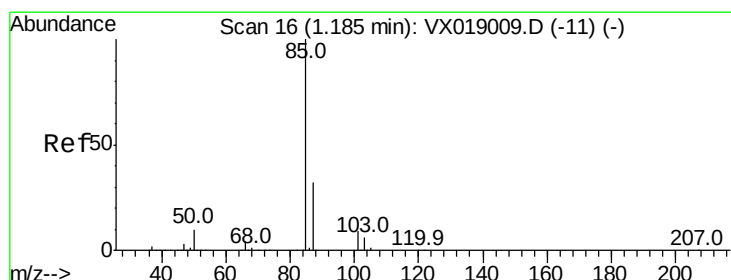
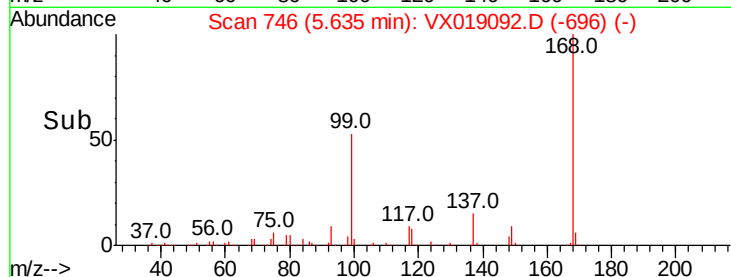
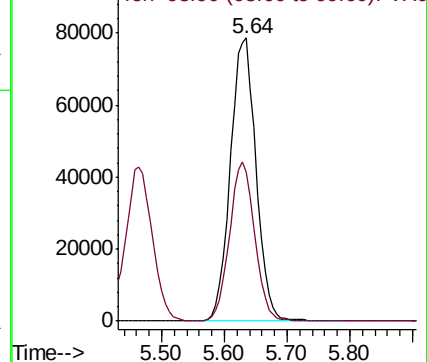
168 100

99 52.6 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.270 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019092.D

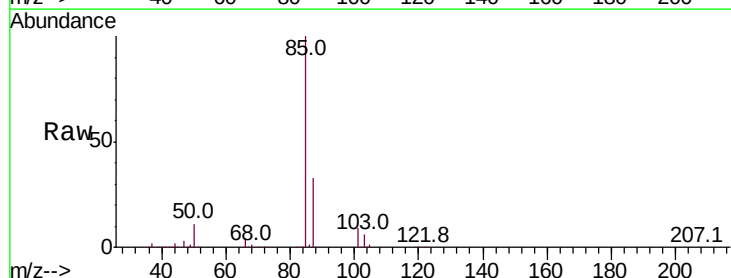
Acq: 23 Oct 2020 22:06

Tgt Ion: 85 Resp: 113648

Ion Ratio Lower Upper

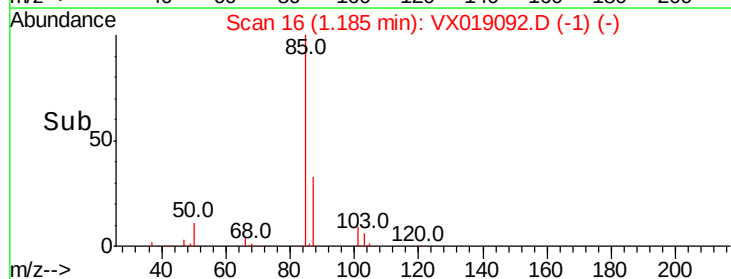
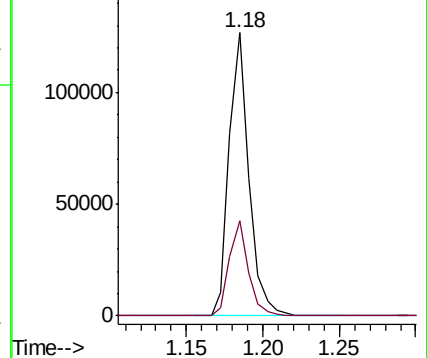
85 100

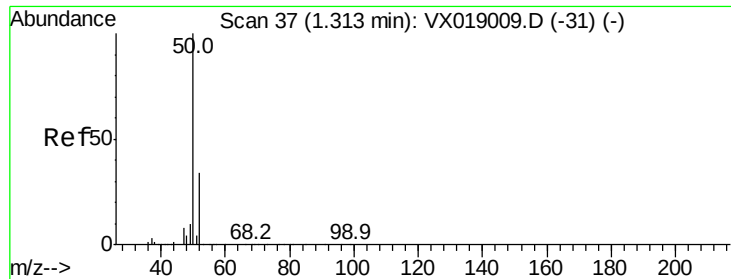
87 33.5 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.147 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

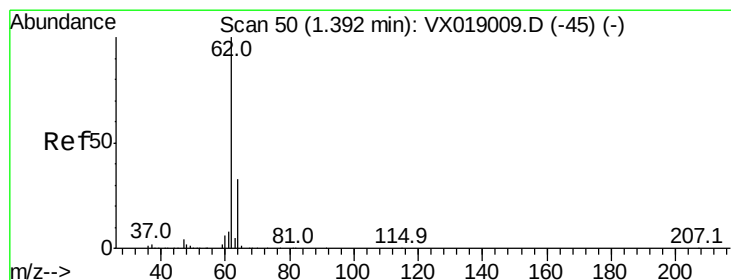
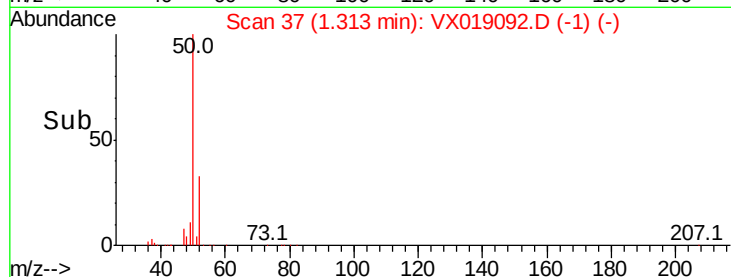
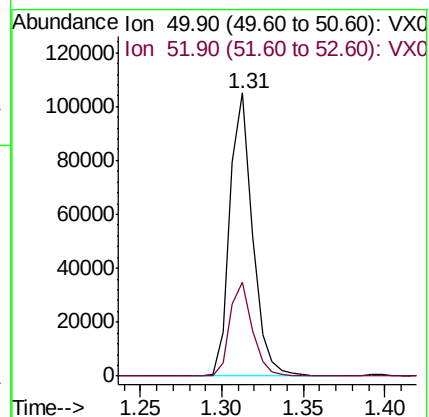
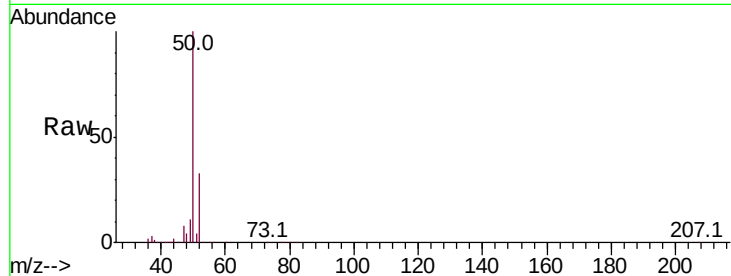
VSTDCCC050

Tot Ion: 50 Resp: 101706

Ion Ratio Lower Upper

50 100

52 33.2 27.0 40.6



#4

Vinyl Chloride

Concen: 49.146 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019092.D

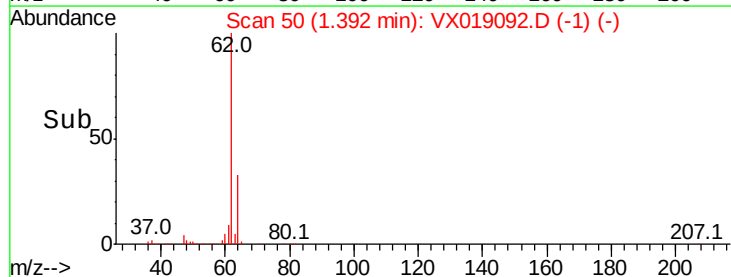
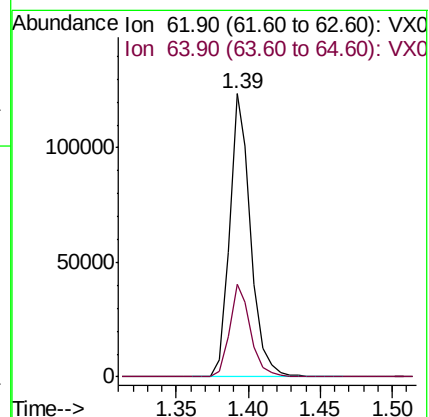
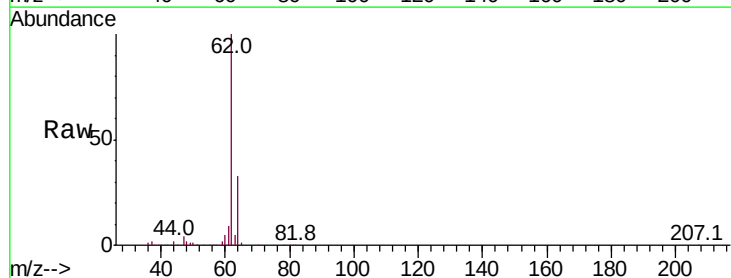
Acq: 23 Oct 2020 22:06

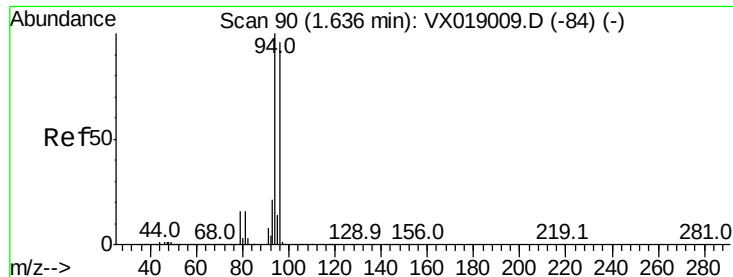
Tgt Ion: 62 Resp: 127805

Ion Ratio Lower Upper

62 100

64 32.7 26.5 39.7





#5

Bromomethane

Concen: 36.154 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

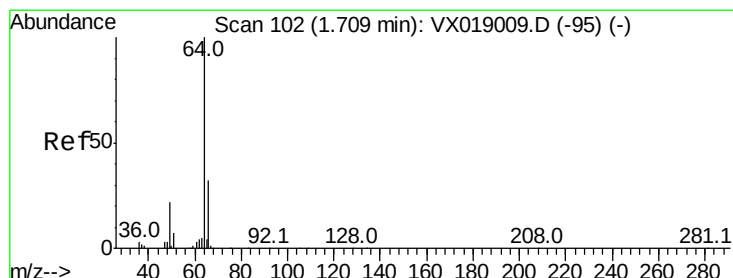
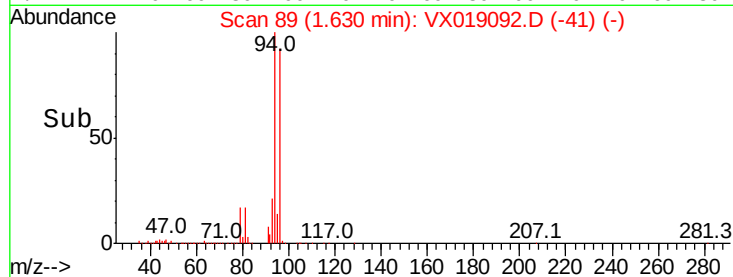
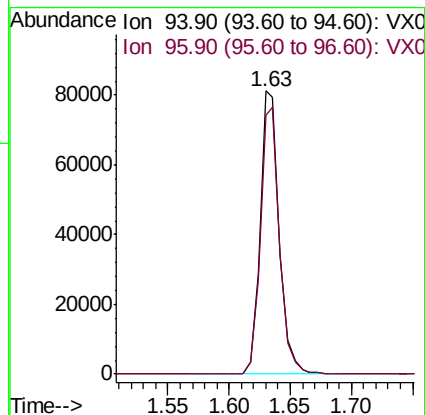
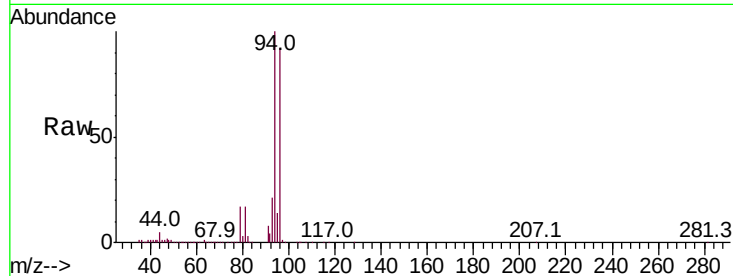
VSTDCCC050

Tot Ion: 94 Resp: 89153

Ion Ratio Lower Upper

94 100

96 91.7 77.1 115.7



#6

Chloroethane

Concen: 47.346 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX019092.D

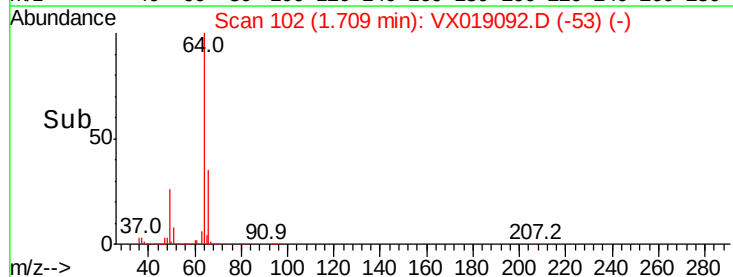
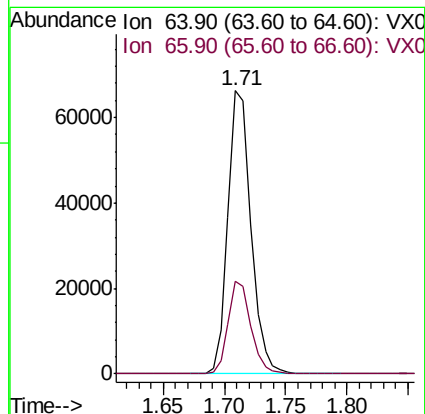
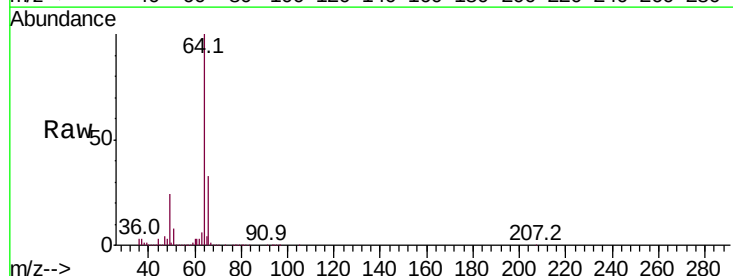
Acq: 23 Oct 2020 22:06

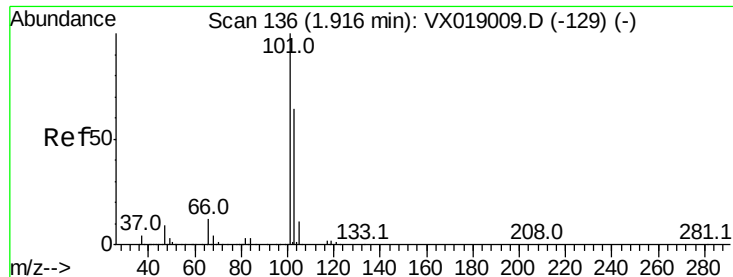
Tgt Ion: 64 Resp: 86556

Ion Ratio Lower Upper

64 100

66 32.8 25.7 38.5



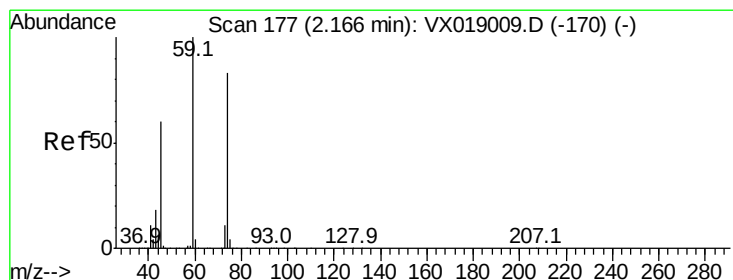
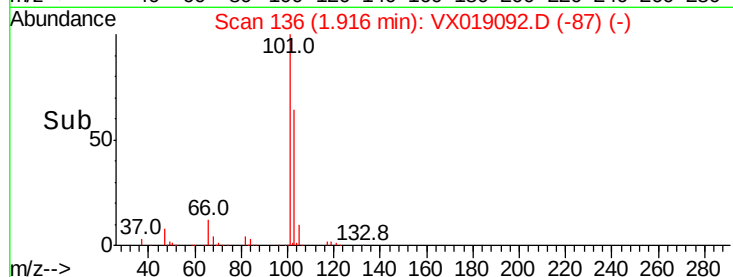
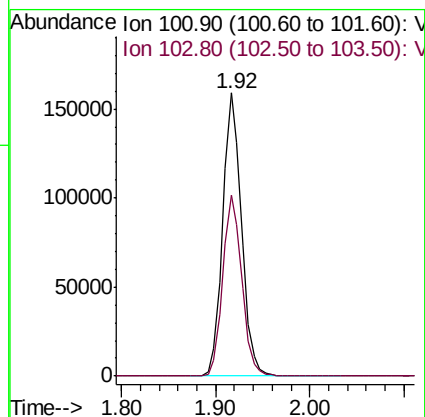
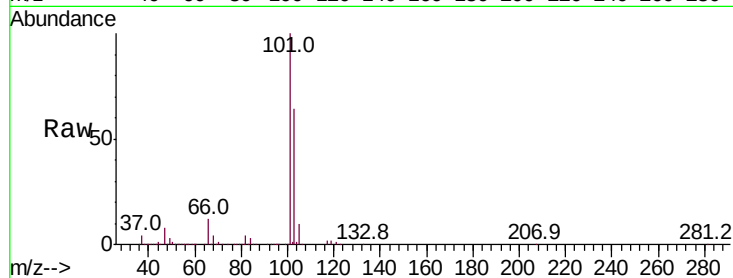


#7

Trichlorofluoromethane
Concen: 49.932 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

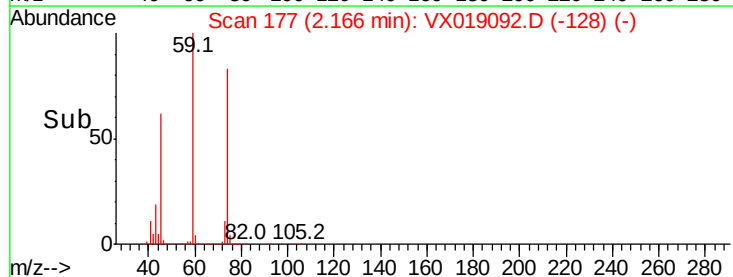
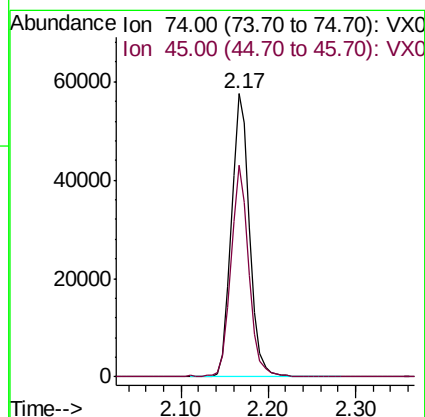
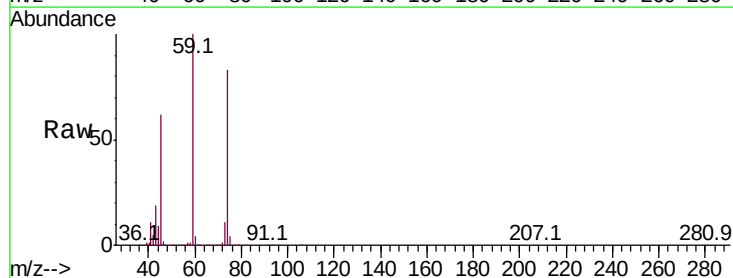
Tot Ion:101 Resp: 219432
Ion Ratio Lower Upper
101 100
103 63.7 51.2 76.8

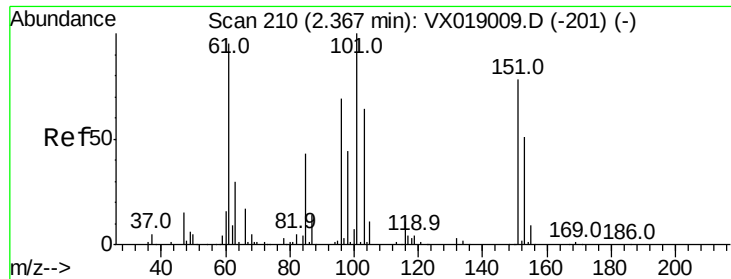


#8

Diethyl Ether
Concen: 48.160 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tgt Ion: 74 Resp: 82873
Ion Ratio Lower Upper
74 100
45 72.9 36.8 110.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.989 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

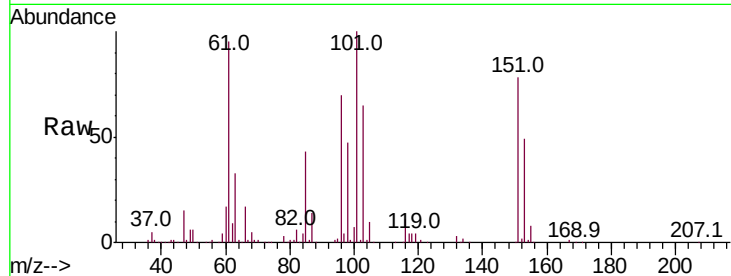
Tot Ion:101 Resp: 106156

Ion Ratio Lower Upper

101 100

85 43.3 35.2 52.8

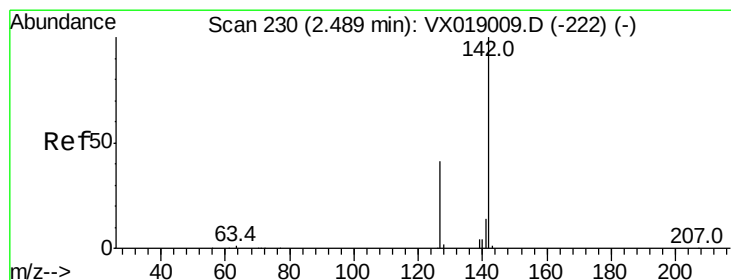
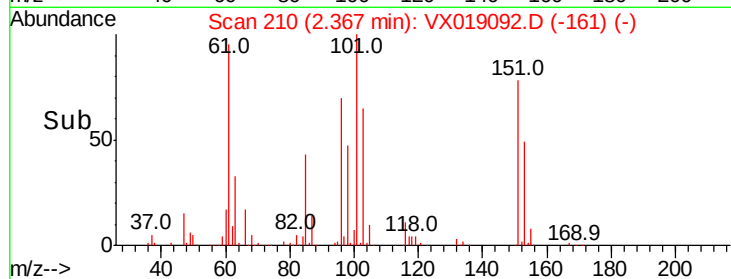
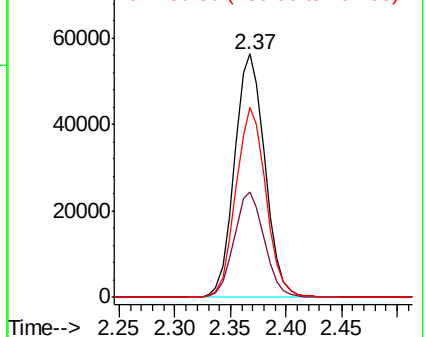
151 77.5 62.4 93.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.695 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

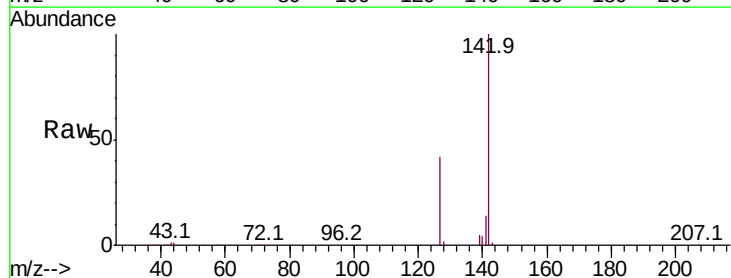
Tgt Ion:142 Resp: 119838

Ion Ratio Lower Upper

142 100

127 42.1 33.6 50.4

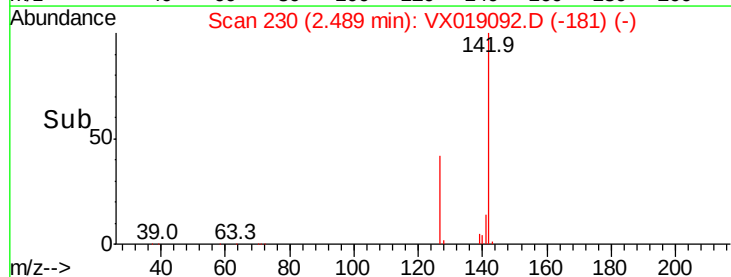
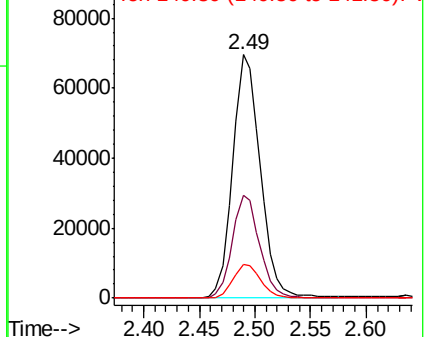
141 13.9 11.2 16.8

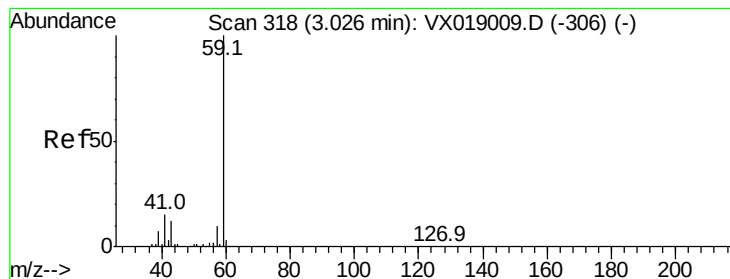


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



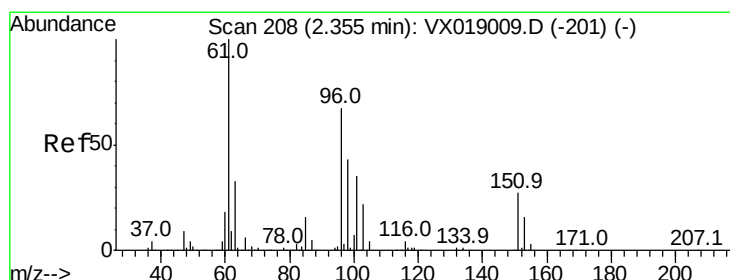
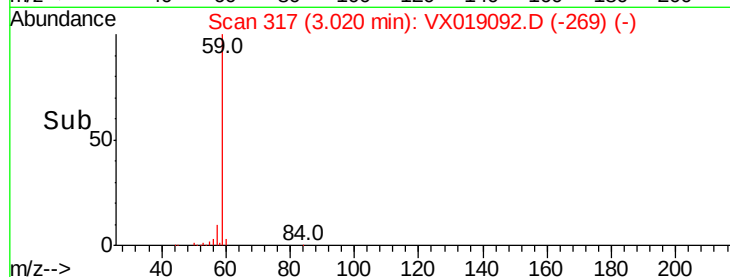
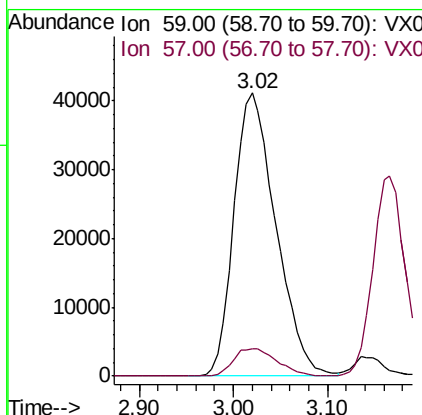
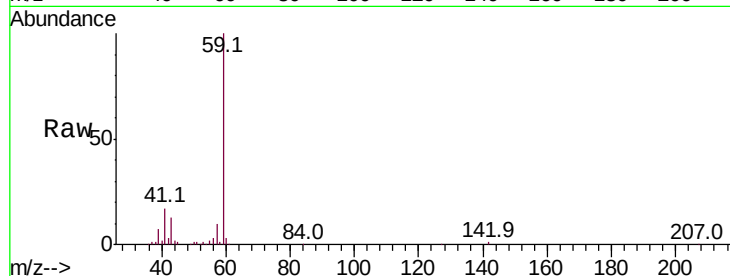


#11

Tert butyl alcohol
 Concen: 236.797 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.01 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

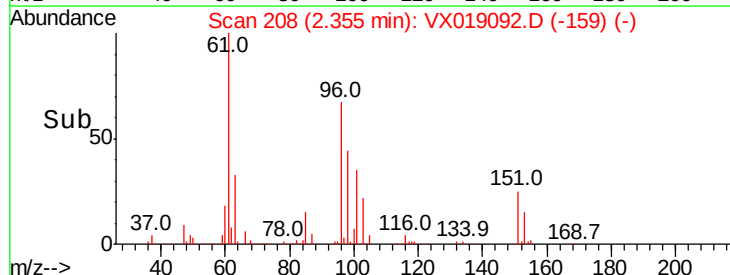
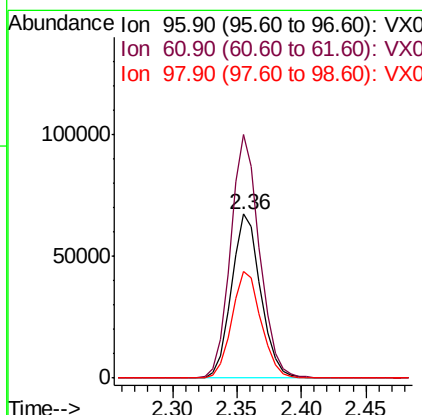
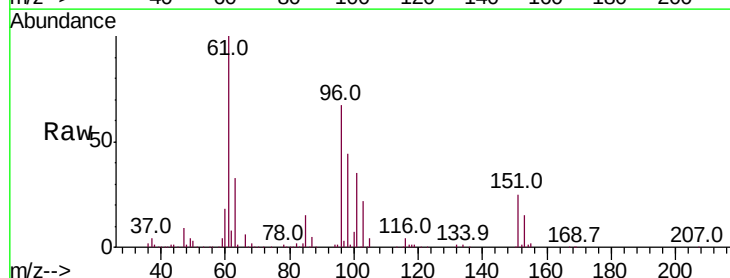
Tot Ion: 59 Resp: 127841
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.2

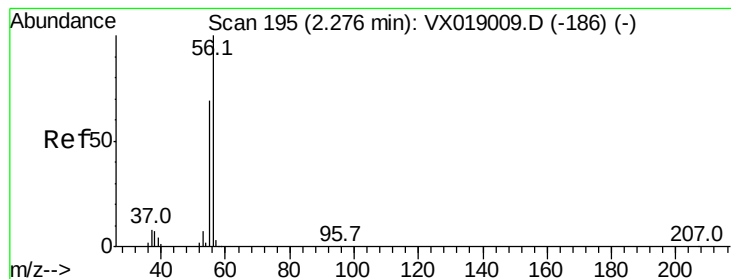


#12

1,1-Dichloroethene
 Concen: 49.013 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

Tgt Ion: 96 Resp: 106162
 Ion Ratio Lower Upper
 96 100
 61 148.6 119.0 178.6
 98 64.9 51.0 76.4





#13

Acrolein

Concen: 350.472 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

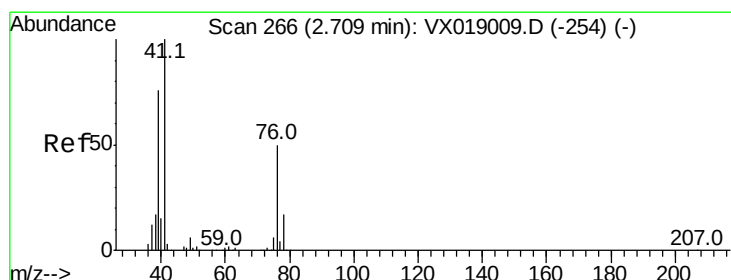
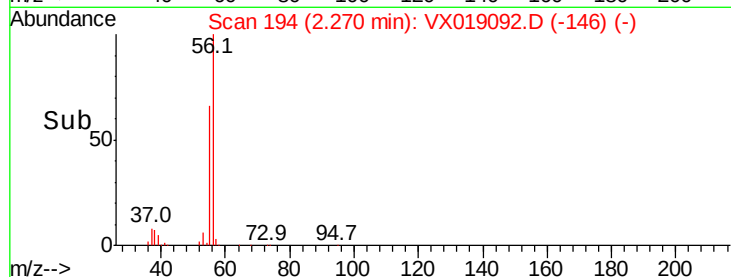
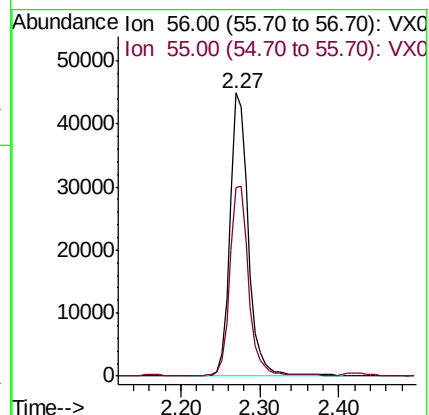
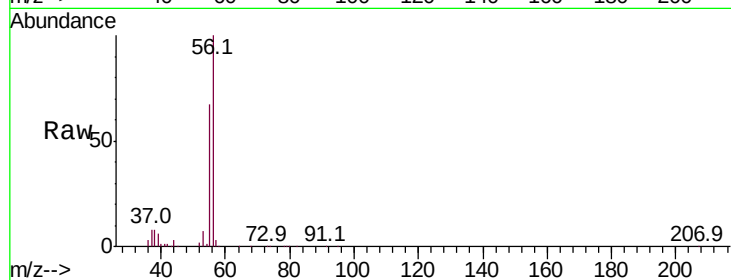
VSTDCCC050

Tot Ion: 56 Resp: 72528

Ion Ratio Lower Upper

56 100

55 67.5 54.2 81.4



#14

Allyl chloride

Concen: 48.182 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

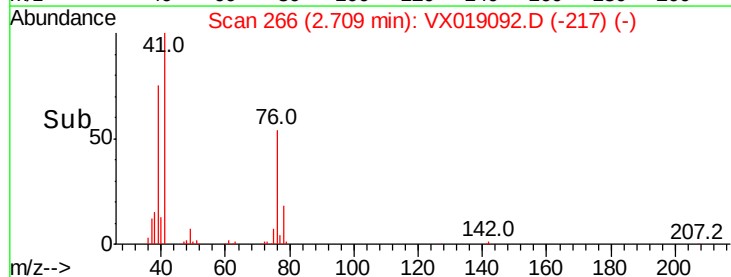
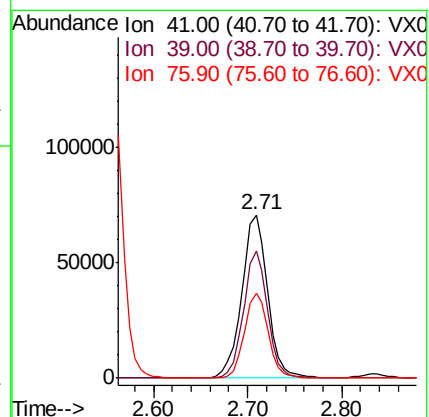
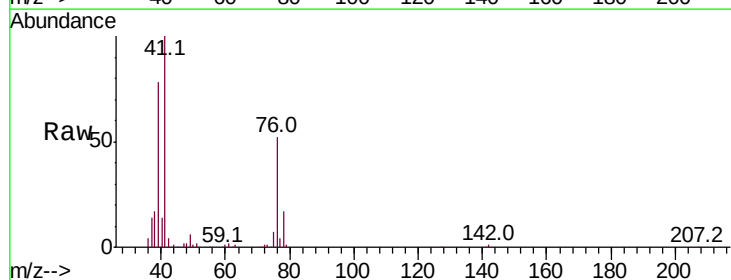
Tgt Ion: 41 Resp: 135010

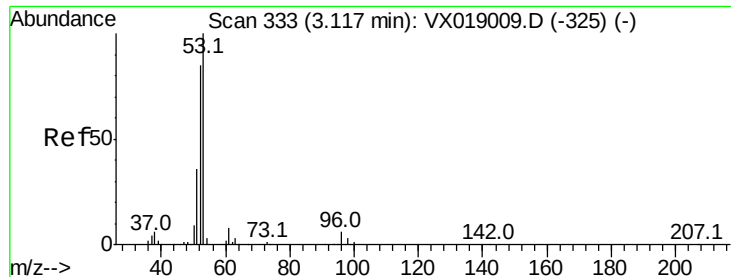
Ion Ratio Lower Upper

41 100

39 71.9 57.4 86.0

76 47.7 37.7 56.5





#15

Acrylonitrile

Concen: 244.922 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

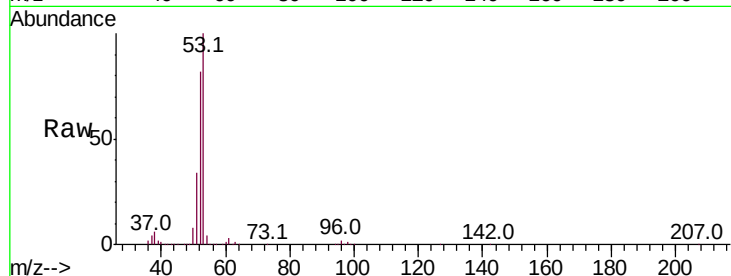
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 255695

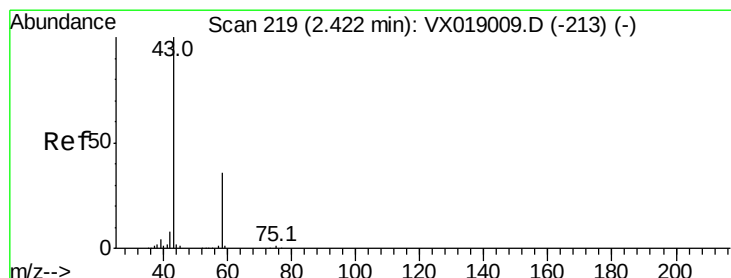
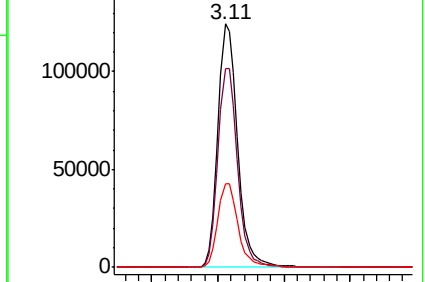
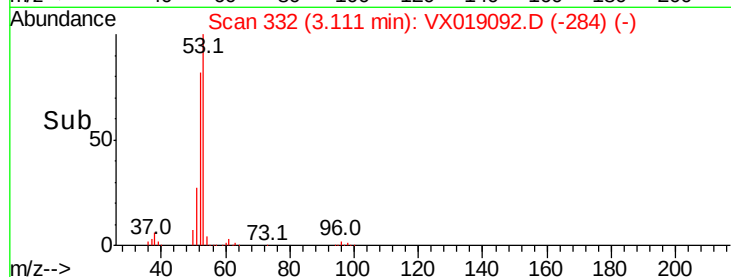
Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.9	98.9
51	35.5	28.3	42.5



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 232.846 ug/l

RT: 2.42 min Scan# 219

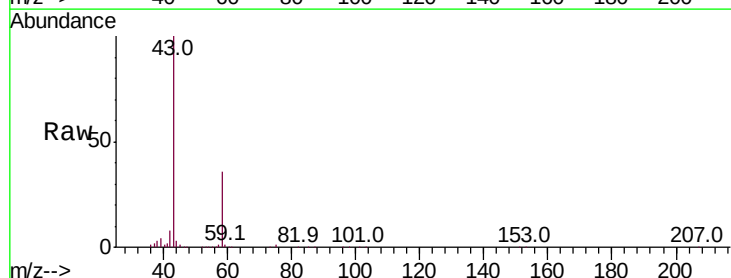
Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

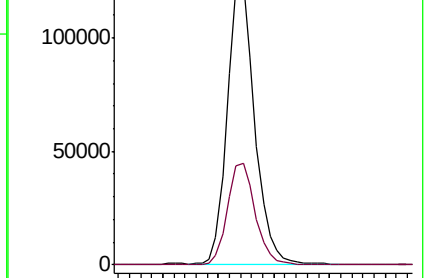
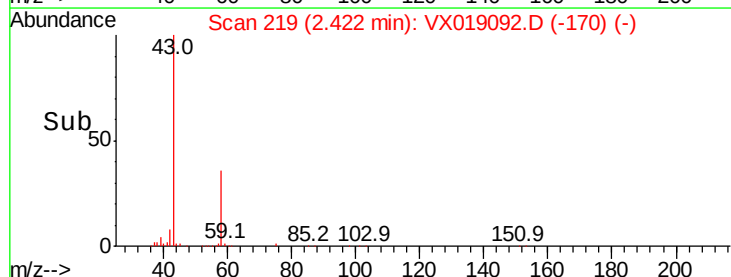
Tgt Ion: 43 Resp: 211411

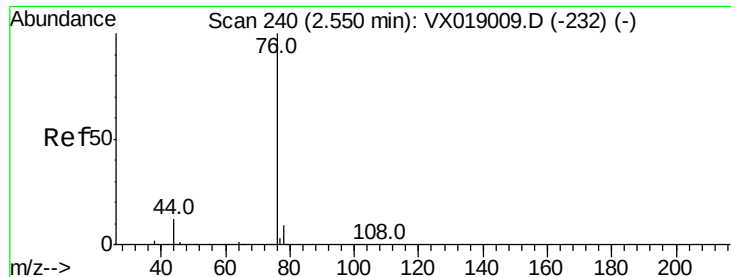
Ion	Ratio	Lower	Upper
43	100		
58	35.9	28.6	42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

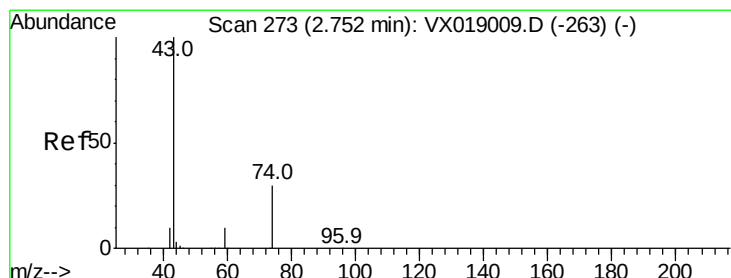
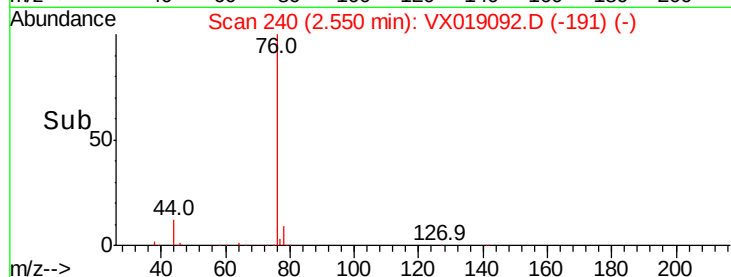
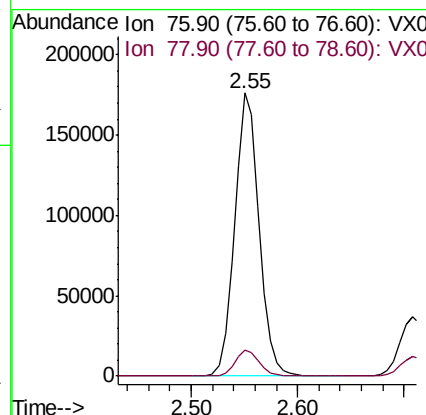
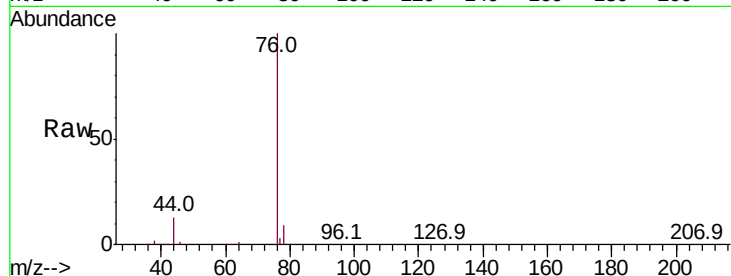




#17
Carbon Disulfide
Concen: 45.179 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

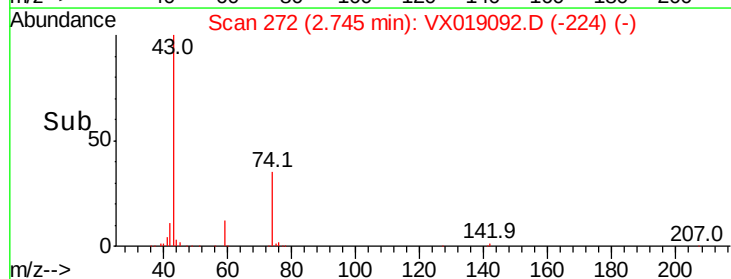
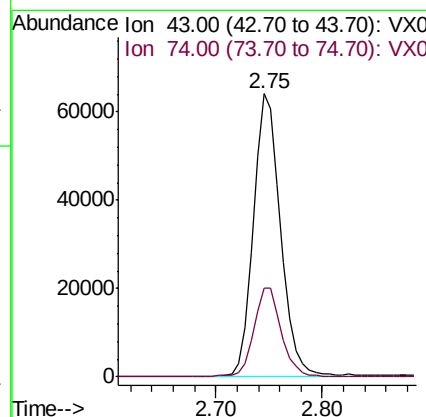
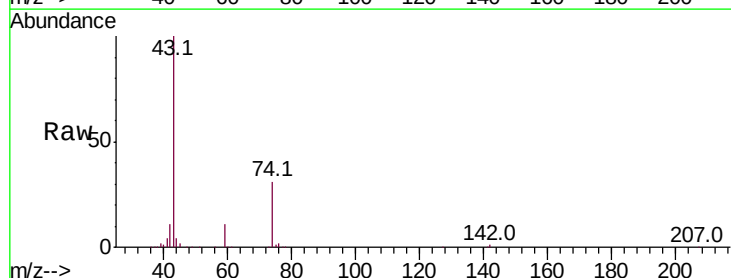
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

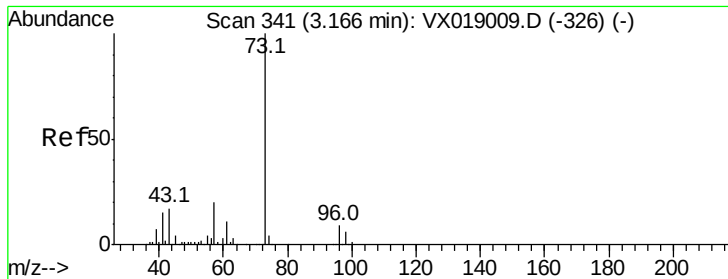
Tot Ion: 76 Resp: 282225
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 50.799 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tgt Ion: 43 Resp: 114452
Ion Ratio Lower Upper
43 100
74 32.0 24.9 37.3

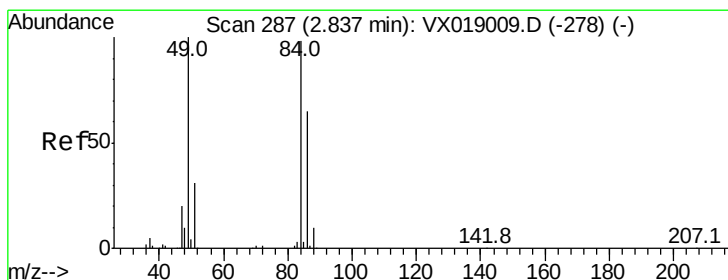
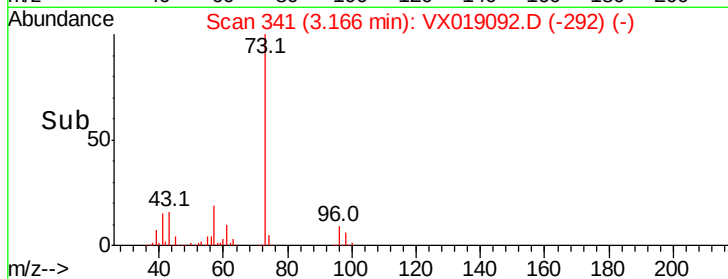
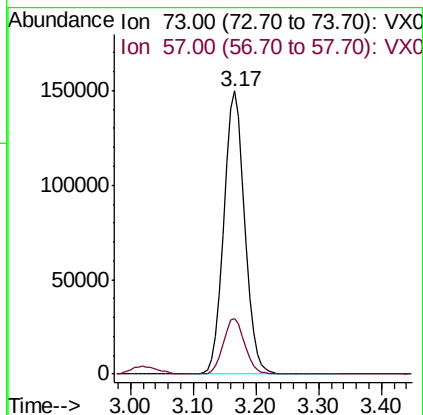
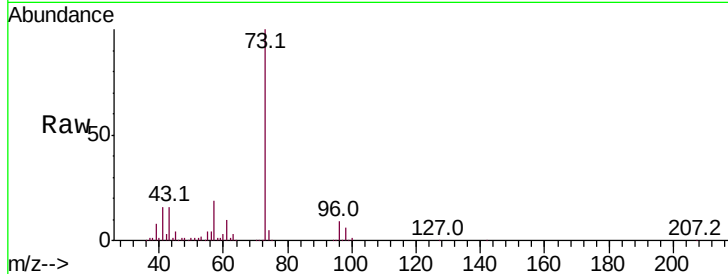




#19
Methyl tert-butyl Ether
Concen: 50.270 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

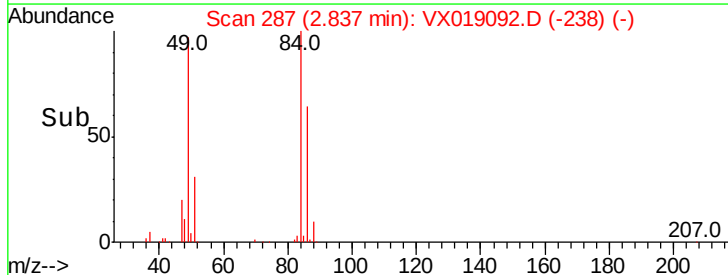
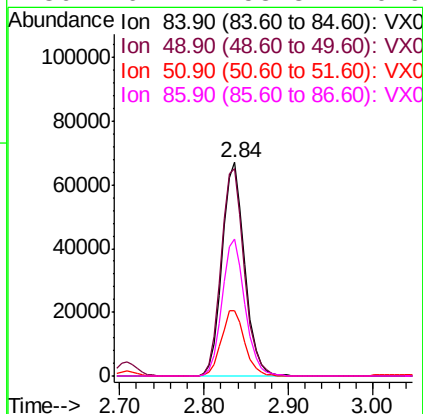
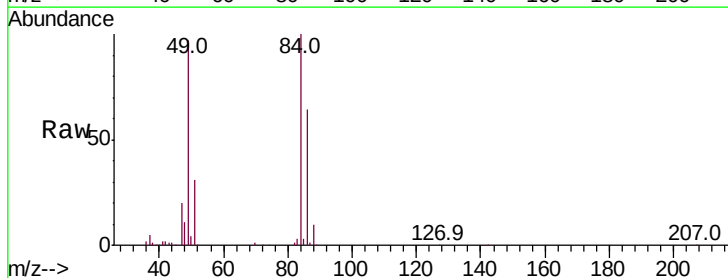
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

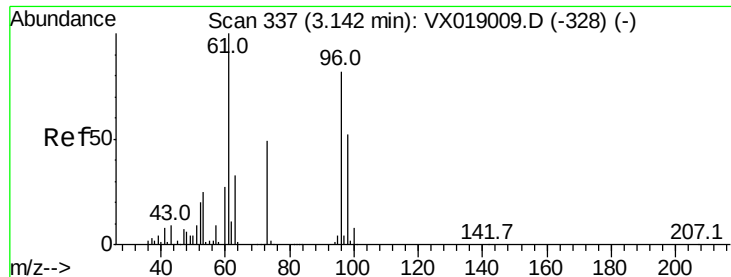
Tot Ion: 73 Resp: 344908
Ion Ratio Lower Upper
73 100
57 19.4 16.2 24.2



#20
Methylene Chloride
Concen: 48.950 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tgt Ion: 84 Resp: 123729
Ion Ratio Lower Upper
84 100
49 97.2 81.6 122.4
51 30.6 25.6 38.4
86 64.1 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 48.998 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

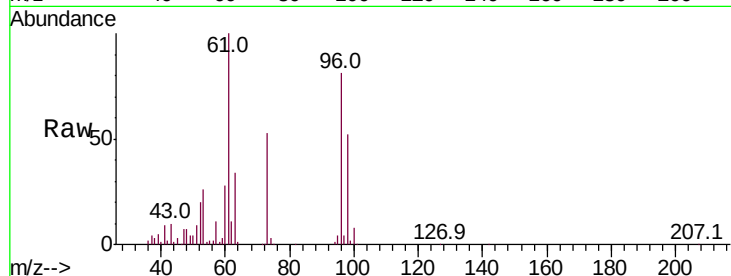
Tot Ion: 96 Resp: 123840

Ion Ratio Lower Upper

96 100

61 123.1 97.8 146.6

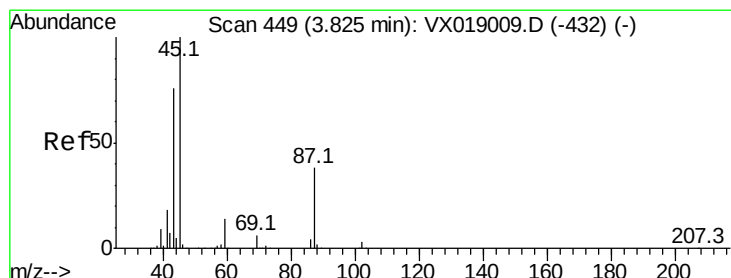
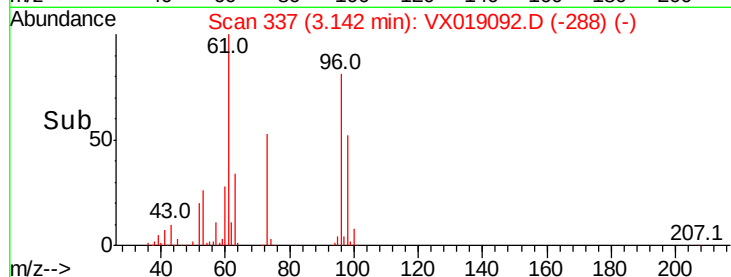
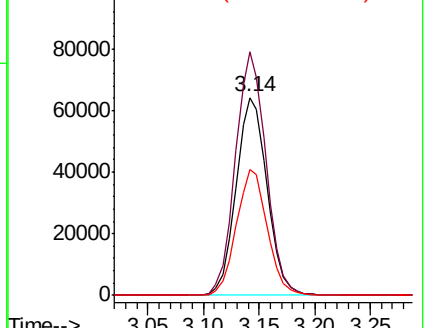
98 63.9 50.7 76.1



Abundance Ion 95.90 (95.60 to 96.60): VX019092.D (-328) (-)

Ion 60.90 (60.60 to 61.60): VX019092.D (-328) (-)

Ion 97.90 (97.60 to 98.60): VX019092.D (-328) (-)



#22

Diisopropyl ether

Concen: 49.877 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Tgt Ion: 45 Resp: 275592

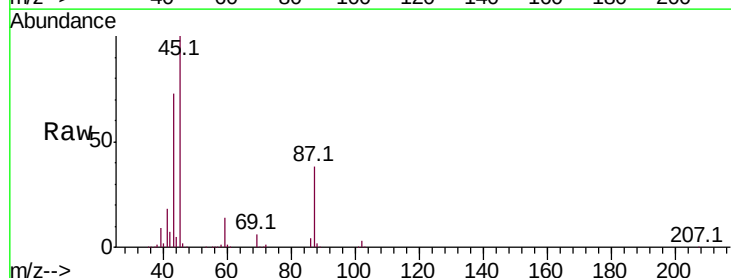
Ion Ratio Lower Upper

45 100

43 73.3 60.4 90.6

87 37.8 30.4 45.6

59 14.0 11.2 16.8

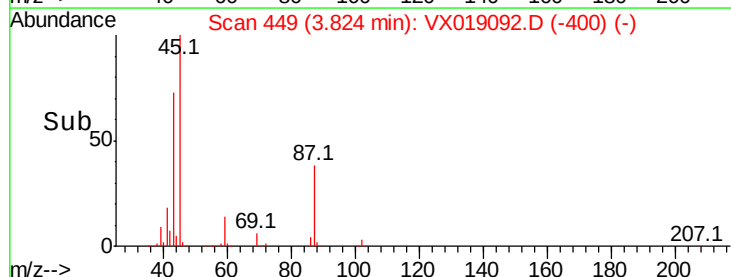
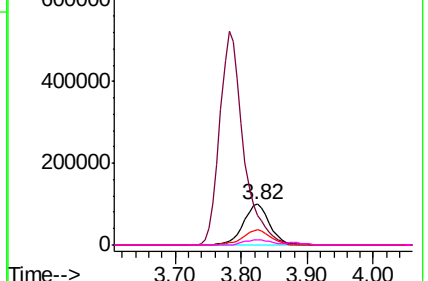


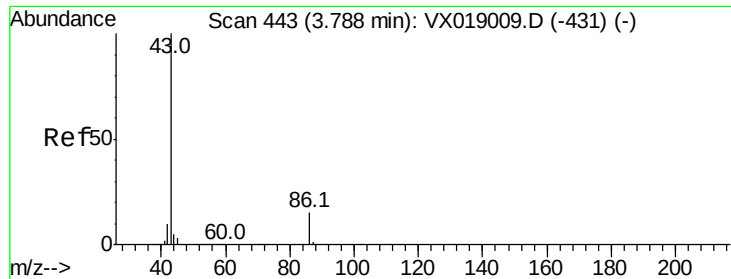
Abundance Ion 45.00 (44.70 to 45.70): VX019092.D (-432) (-)

Ion 43.00 (42.70 to 43.70): VX019092.D (-432) (-)

Ion 87.00 (86.70 to 87.70): VX019092.D (-432) (-)

Ion 59.00 (58.70 to 59.70): VX019092.D (-432) (-)





#23

Vinyl Acetate

Concen: 249.212 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

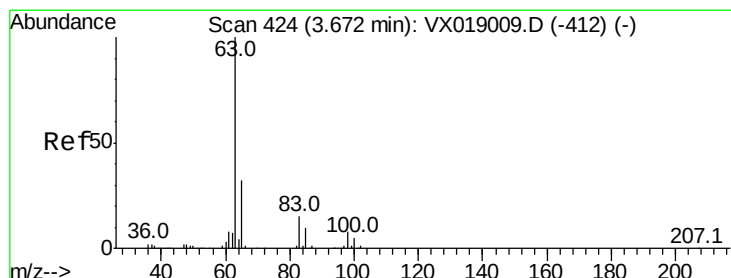
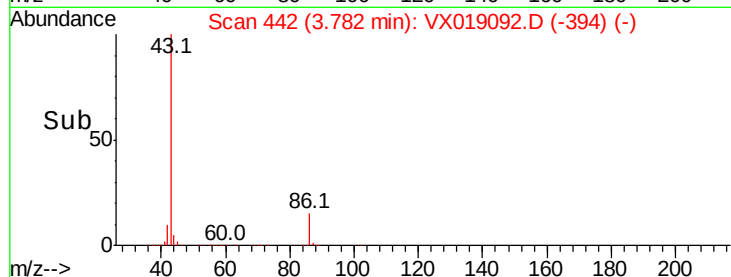
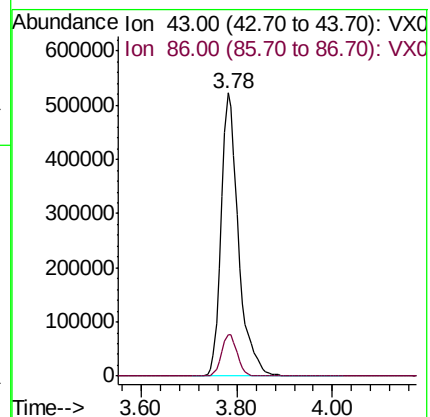
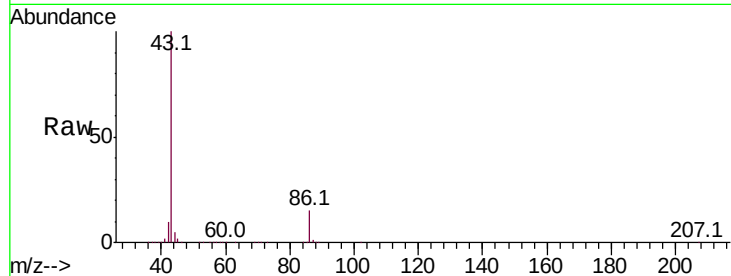
VSTDCCC050

Tot Ion: 43 Resp: 1307524

Ion Ratio Lower Upper

43 100

86 14.7 11.7 17.5



#24

1,1-Dichloroethane

Concen: 49.951 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

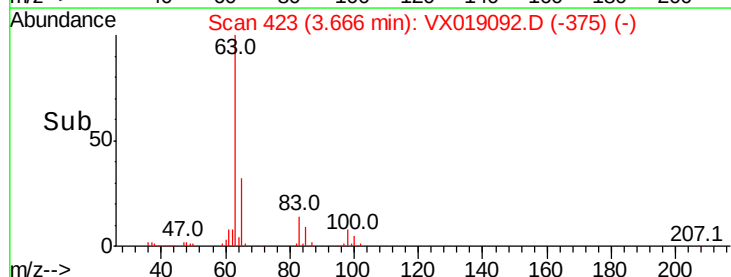
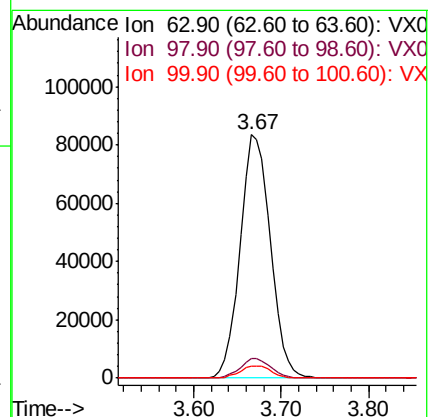
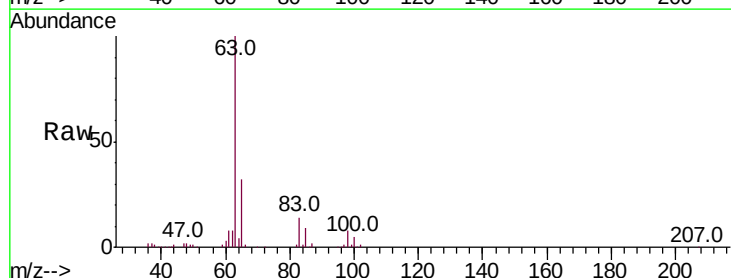
Tgt Ion: 63 Resp: 200996

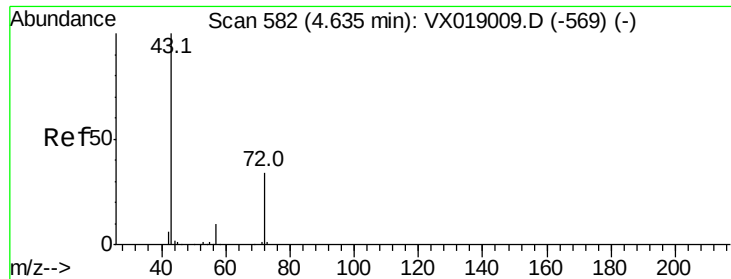
Ion Ratio Lower Upper

63 100

98 8.1 4.0 12.0

100 5.0 2.5 7.4





#25

2-Butanone

Concen: 242.562 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

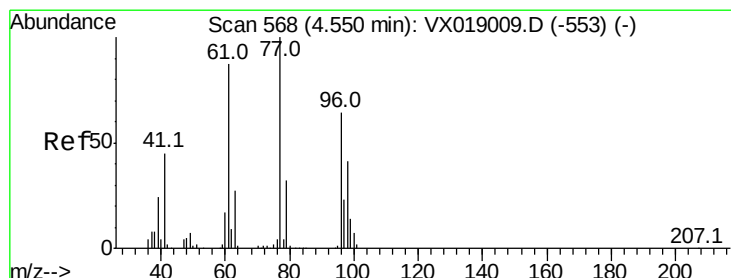
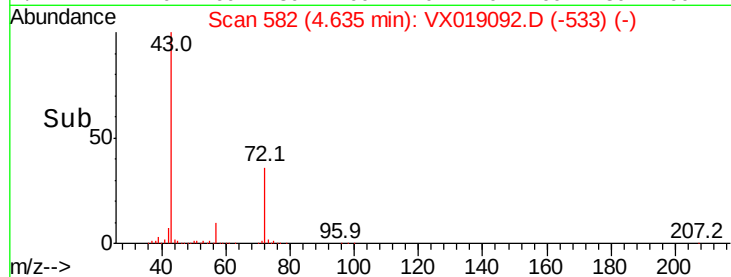
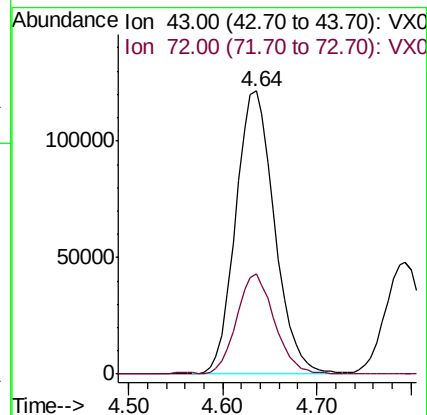
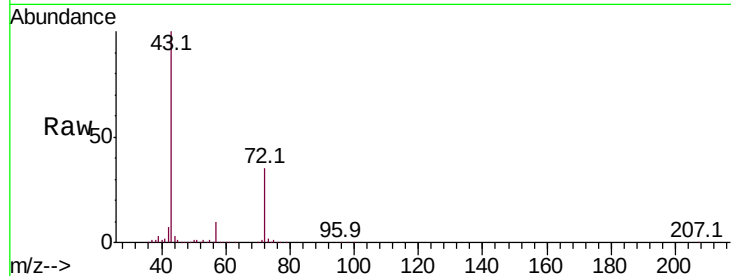
VSTDCCC050

Tot Ion: 43 Resp: 347985

Ion Ratio Lower Upper

43 100

72 35.3 27.8 41.6



#26

2,2-Dichloropropane

Concen: 46.413 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019092.D

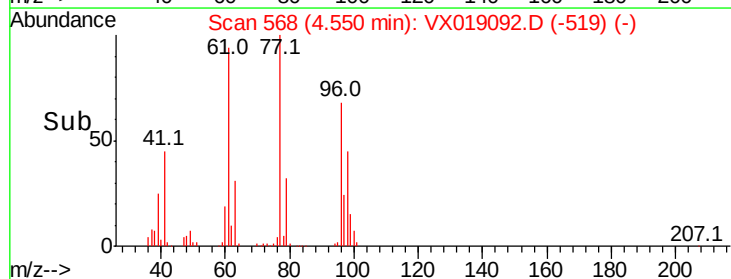
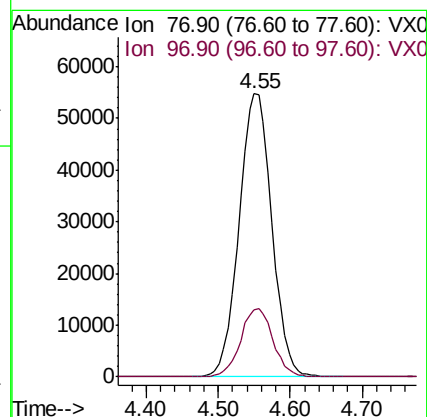
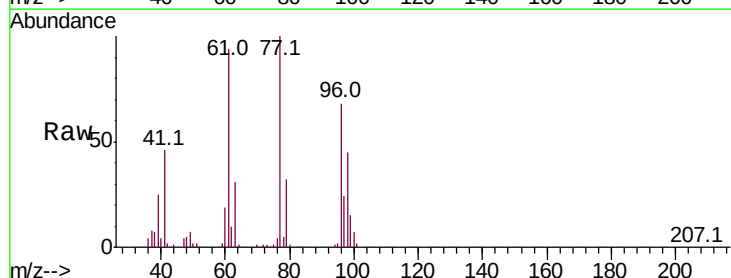
Acq: 23 Oct 2020 22:06

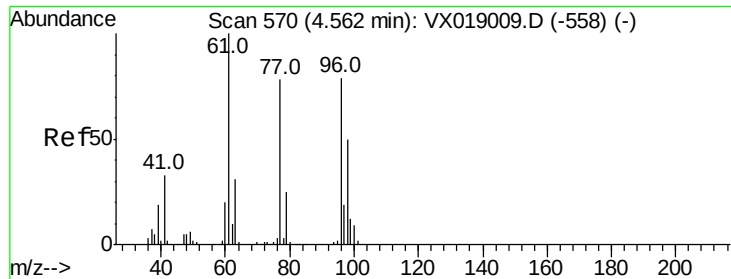
Tgt Ion: 77 Resp: 172437

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.7



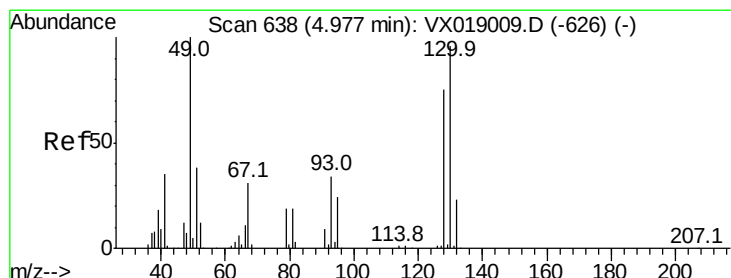
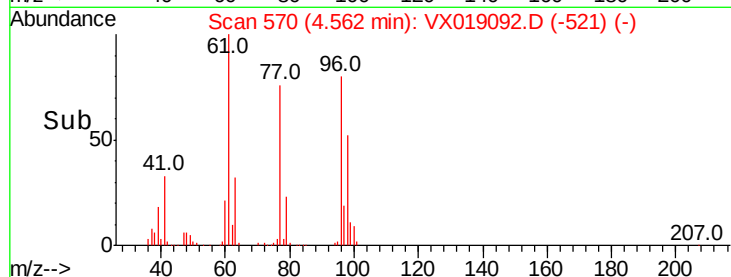
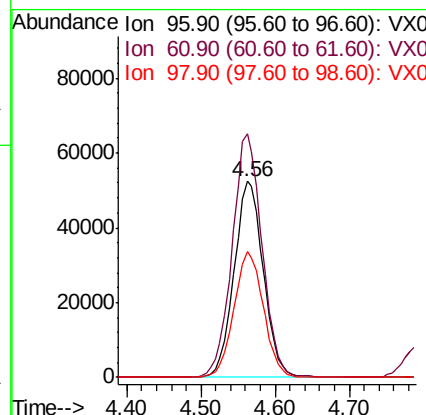
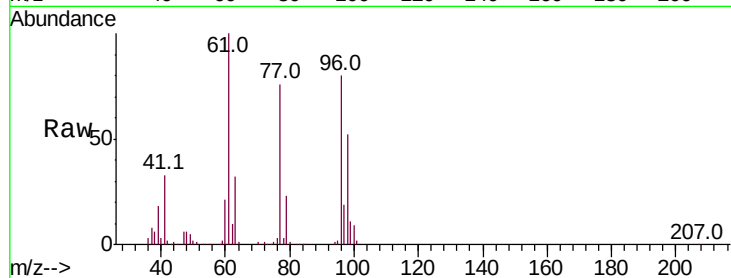


#27

cis-1,2-Dichloroethene
Concen: 50.279 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

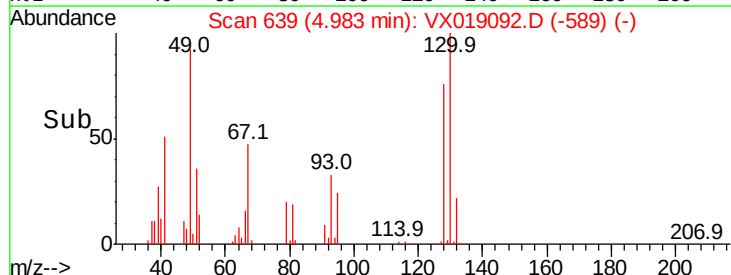
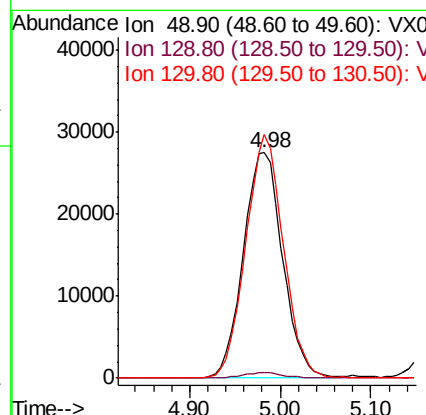
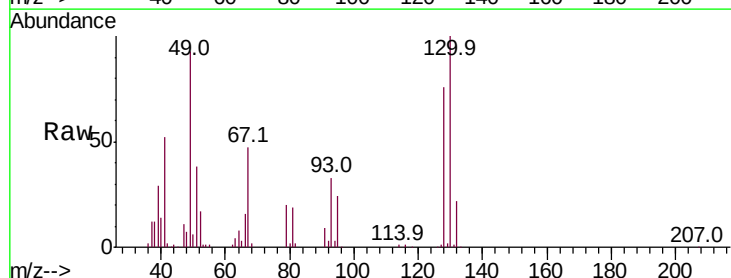
Tot Ion	Ratio	Lower	Upper
96	100		
61	126.8	0.0	260.0
98	64.7	0.0	131.4

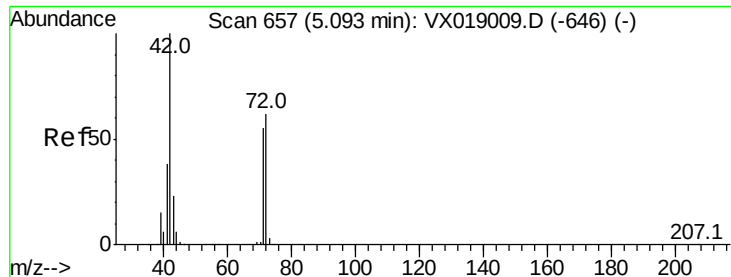


#28

Bromochloromethane
Concen: 48.331 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.2
130	103.4	79.0	118.6

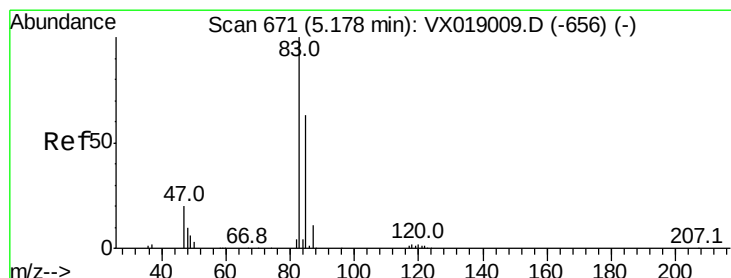
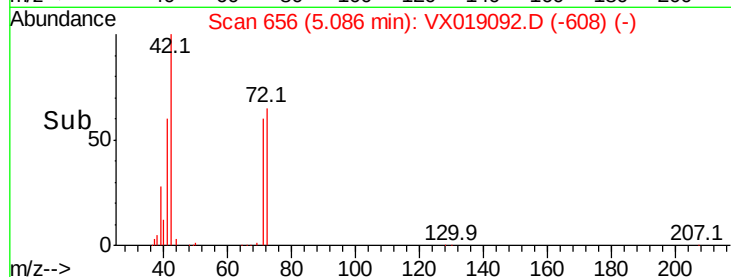
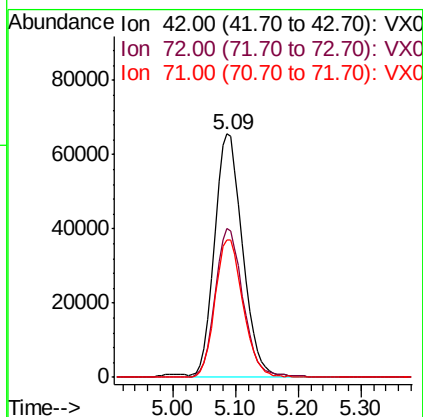
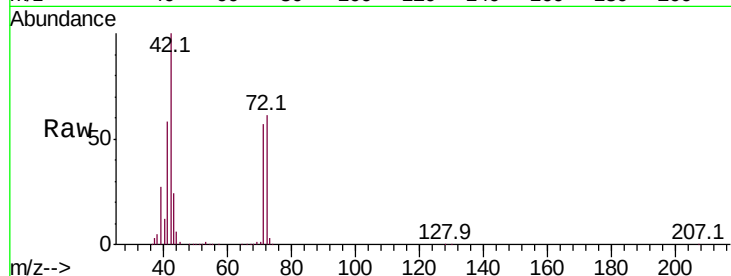




#29
Tetrahydrofuran
Concen: 236.474 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

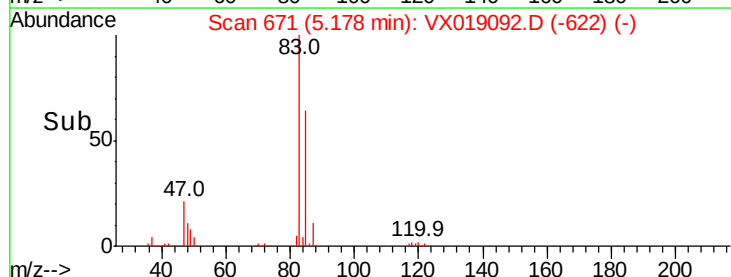
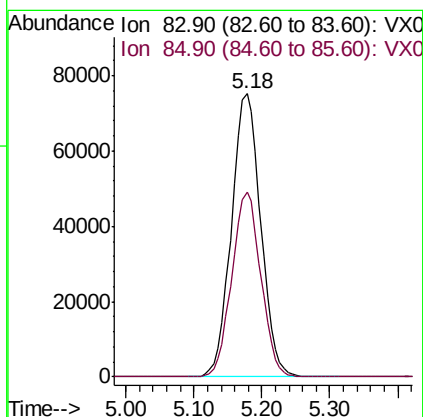
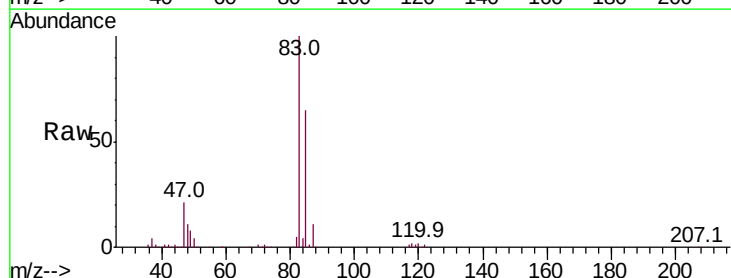
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

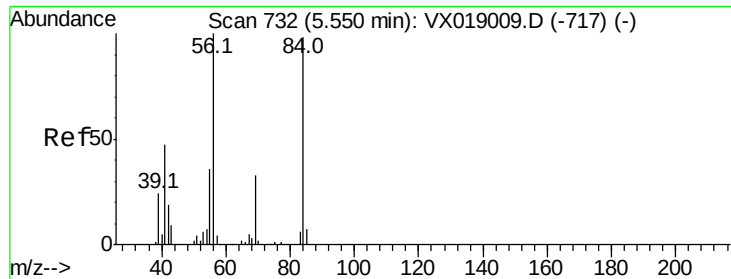
Tot Ion: 42 Resp: 202770
Ion Ratio Lower Upper
42 100
72 61.3 49.1 73.7
71 56.6 44.2 66.4



#30
Chloroform
Concen: 51.434 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tgt Ion: 83 Resp: 224698
Ion Ratio Lower Upper
83 100
85 65.3 50.5 75.7

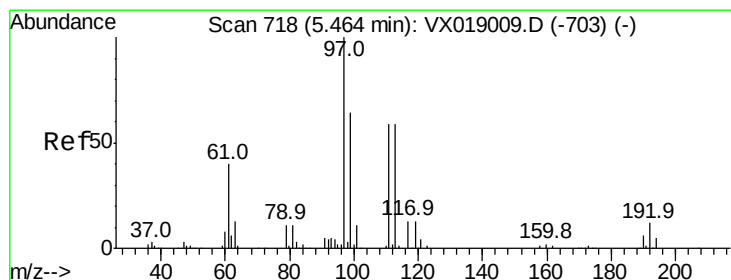
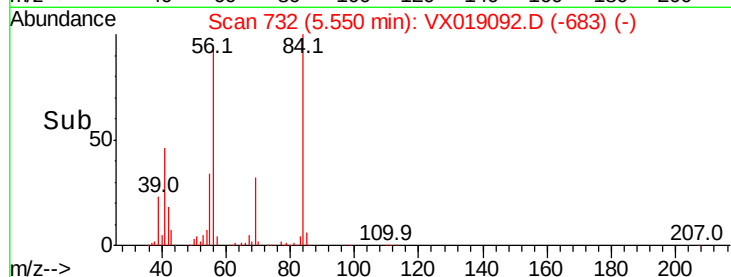
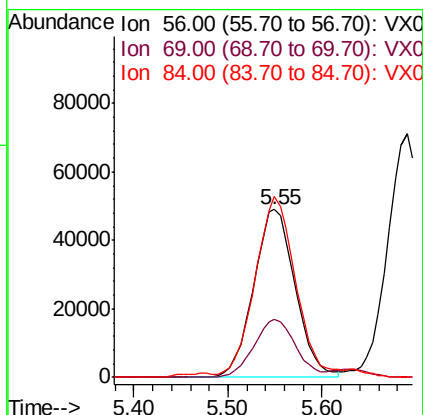
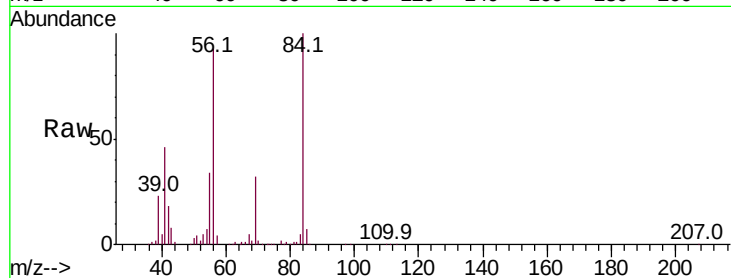




#31
Cyclohexane
Concen: 48.606 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

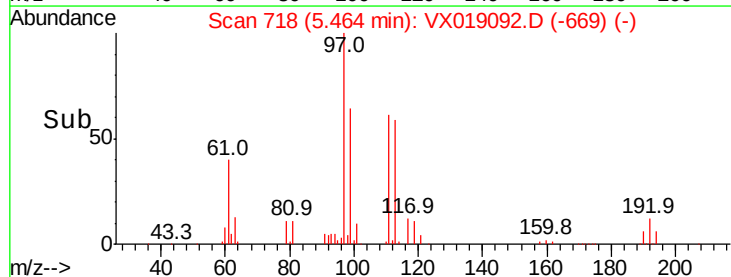
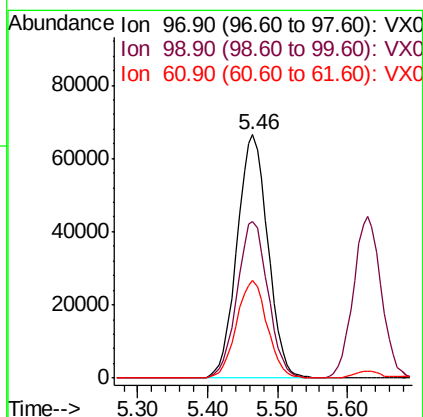
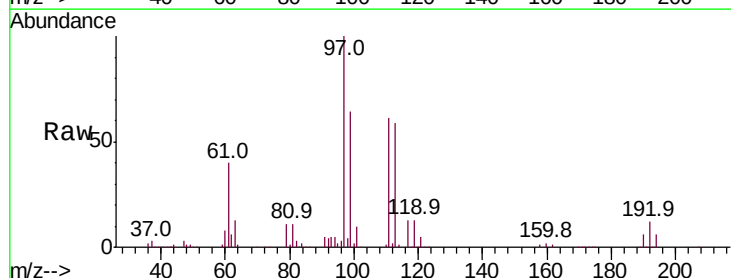
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

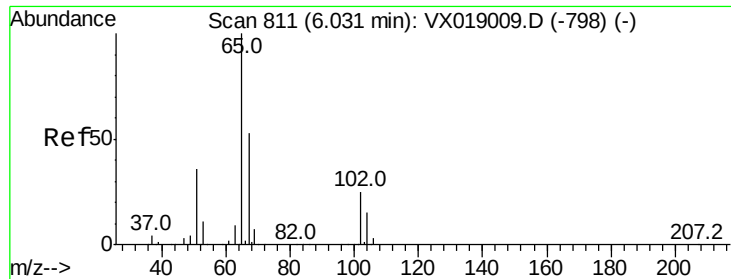
Tot Ion: 56 Resp: 151728
Ion Ratio Lower Upper
56 100
69 34.7 26.2 39.2
84 105.6 78.3 117.5



#32
1,1,1-Trichloroethane
Concen: 51.300 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tgt Ion: 97 Resp: 203258
Ion Ratio Lower Upper
97 100
99 64.4 51.3 76.9
61 40.2 31.9 47.9

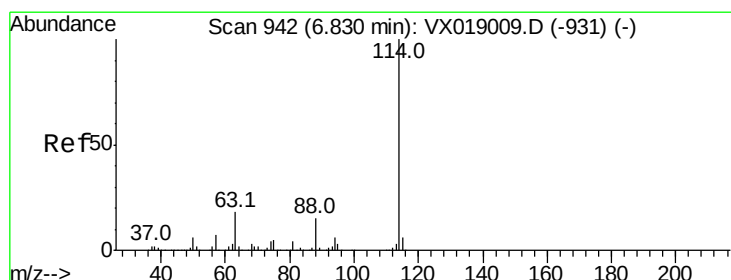
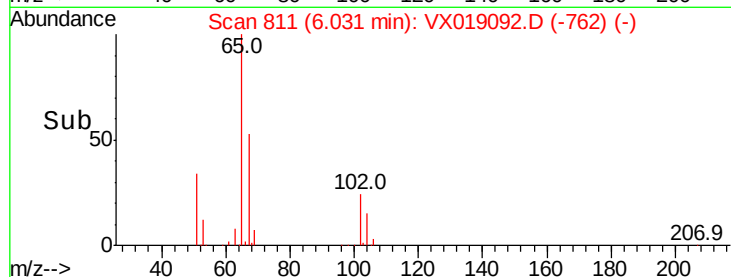
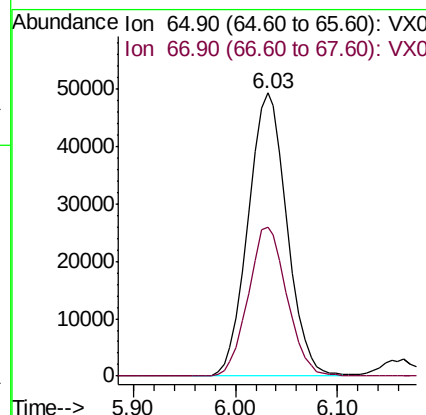
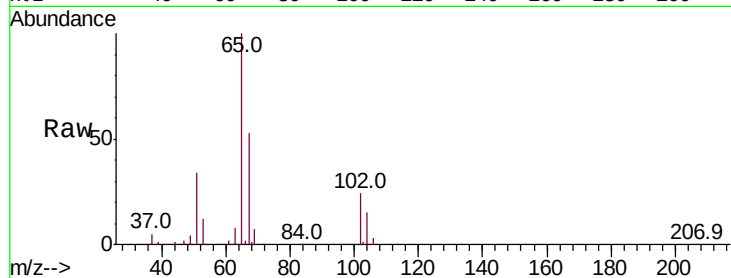




#33
 1,2-Dichloroethane-d4
 Concen: 48.887 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

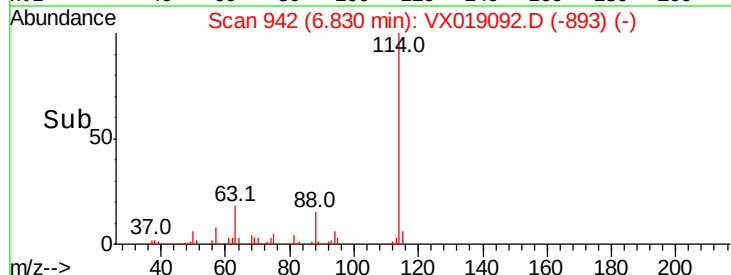
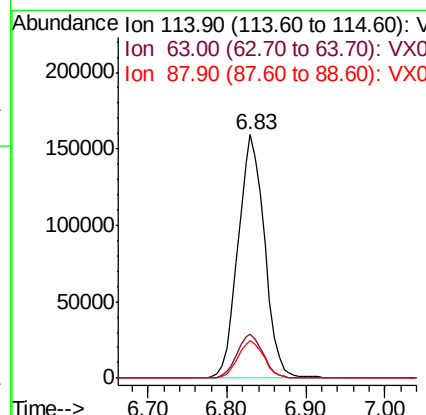
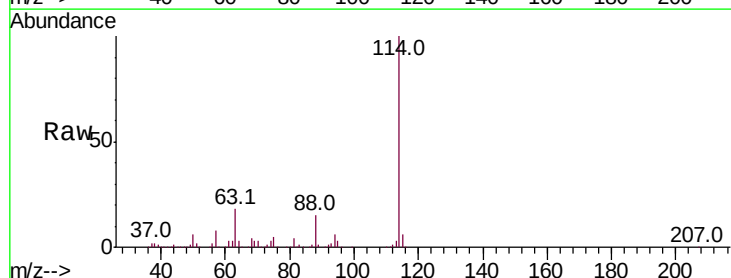
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

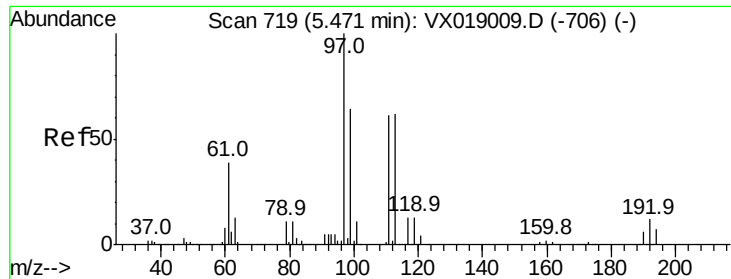
Tot Ion: 65 Resp: 130314
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

Tgt Ion:114 Resp: 371991
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.8
 88 15.2 0.0 30.2

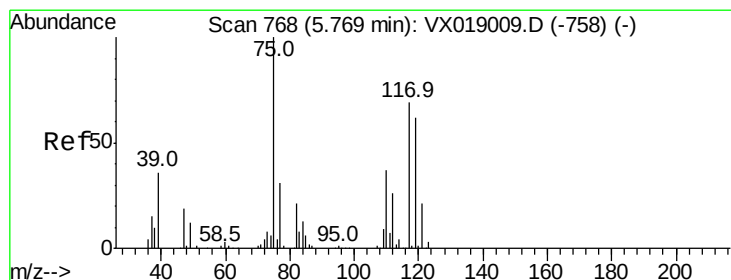
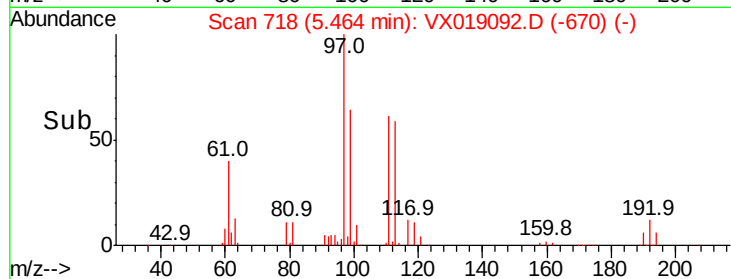
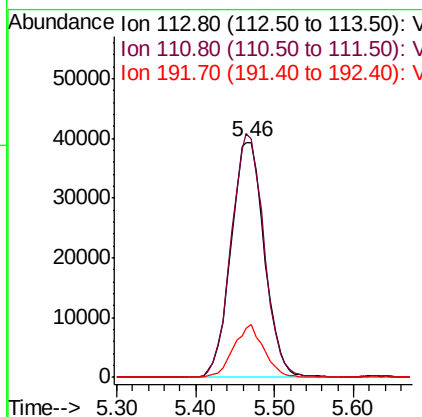
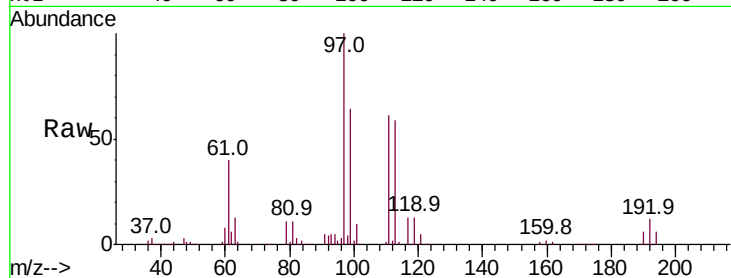




#35
 Dibromofluoromethane
 Concen: 49.236 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

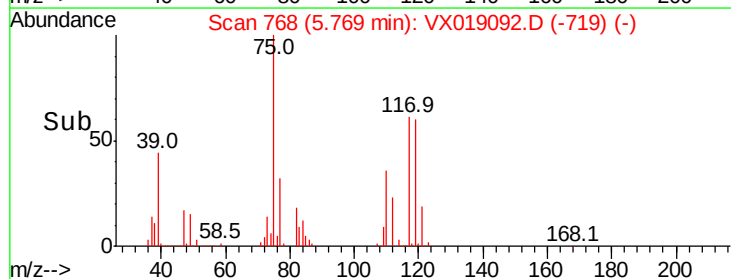
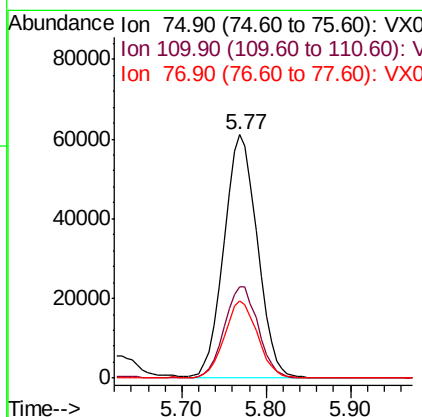
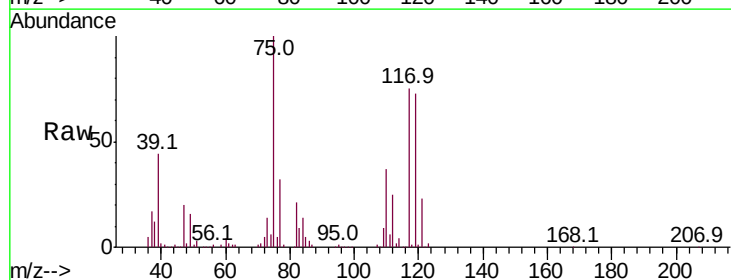
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

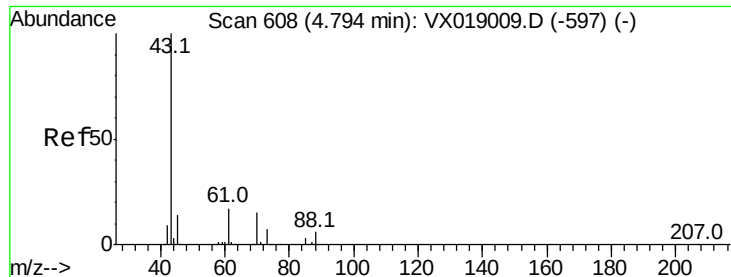
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.5	122.3
192	20.2	16.3	24.5



#36
 1,1-Dichloropropene
 Concen: 49.245 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.3	19.4	58.2
77	31.6	25.2	37.8

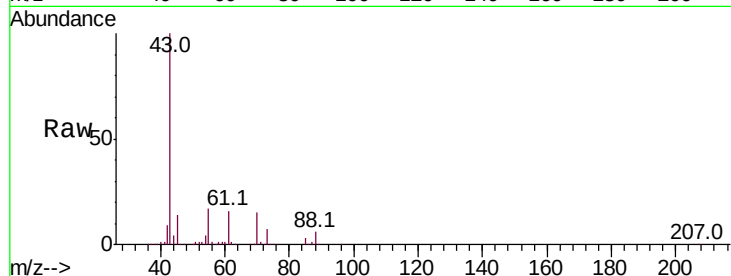




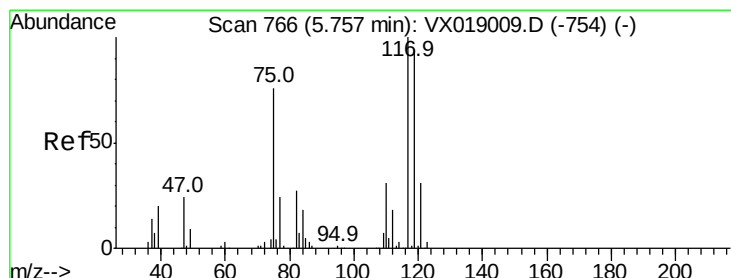
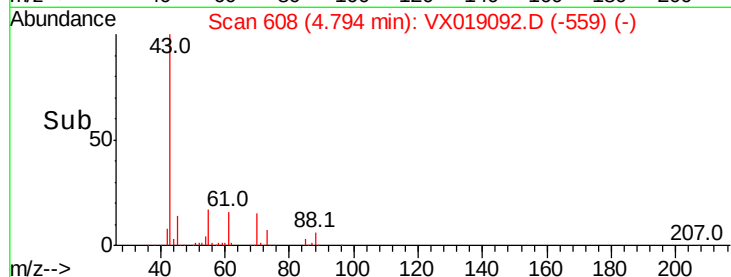
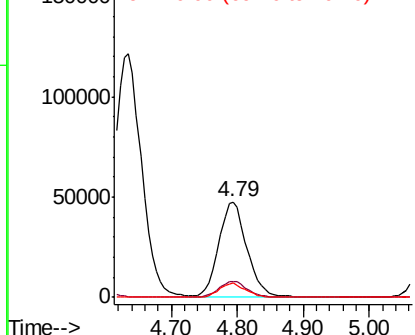
#37
Ethyl Acetate
Concen: 49.264 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 140348
Ion Ratio Lower Upper
43 100
61 17.1 13.8 20.8
70 13.9 11.4 17.2

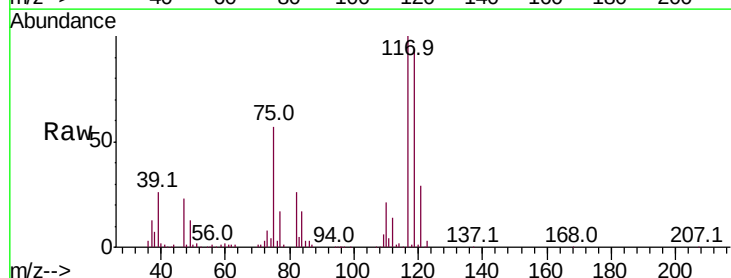


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

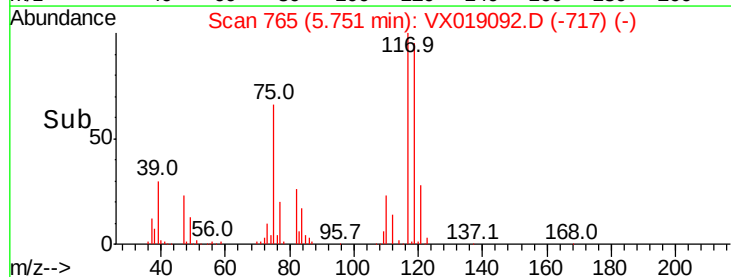
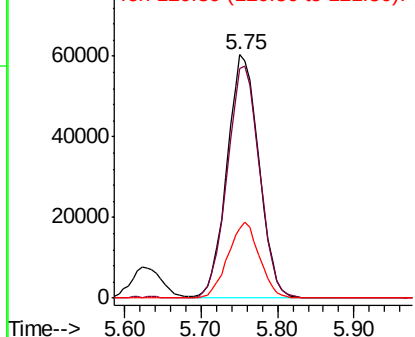


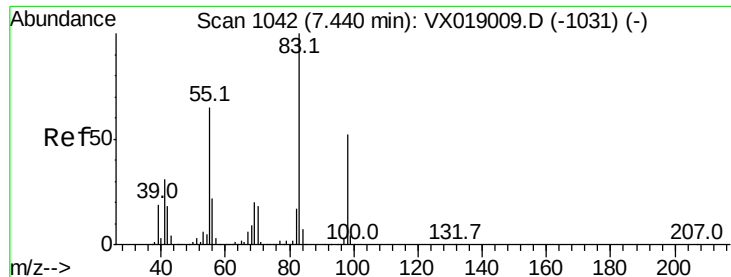
#38
Carbon Tetrachloride
Concen: 49.844 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tgt Ion: 117 Resp: 174625
Ion Ratio Lower Upper
117 100
119 94.4 75.4 113.0
121 28.6 25.0 37.6



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

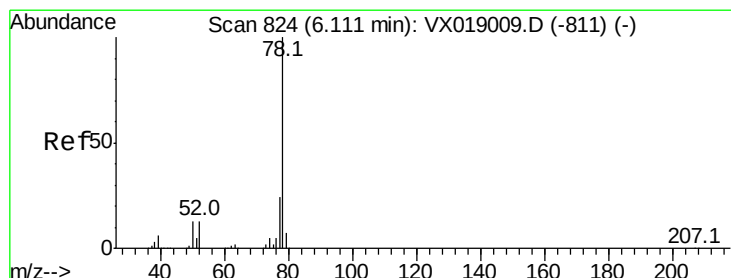
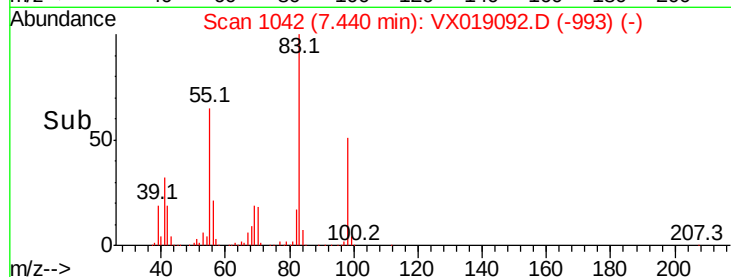
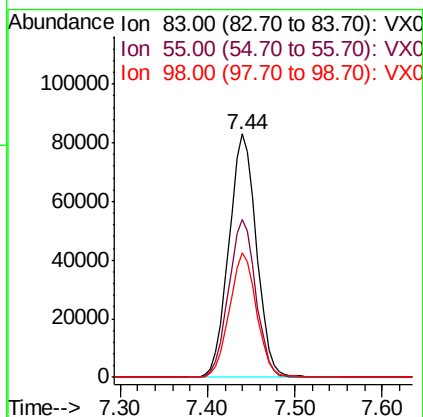
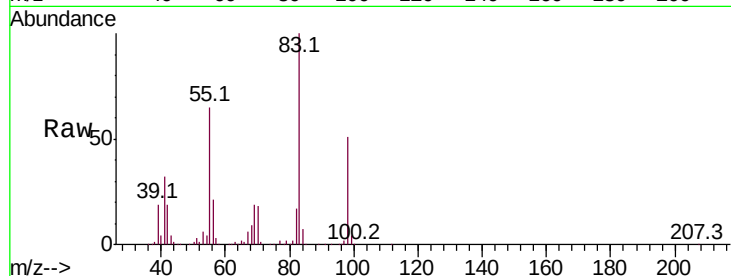




#39
Methylvlcyclohexane
Concen: 48.910 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

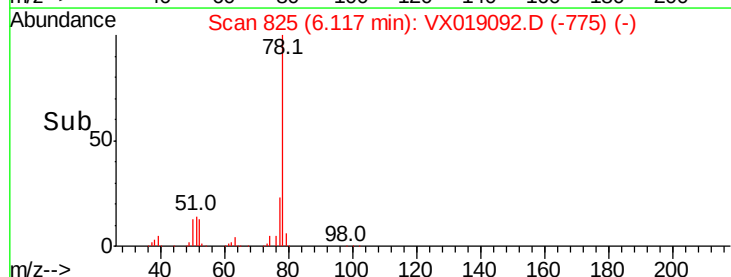
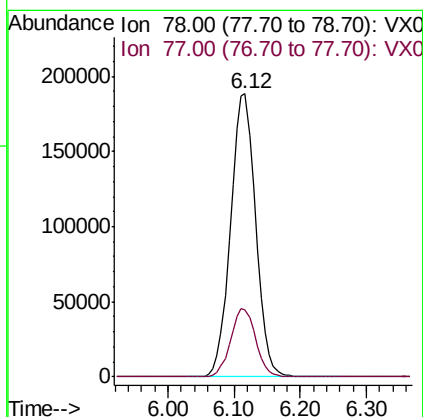
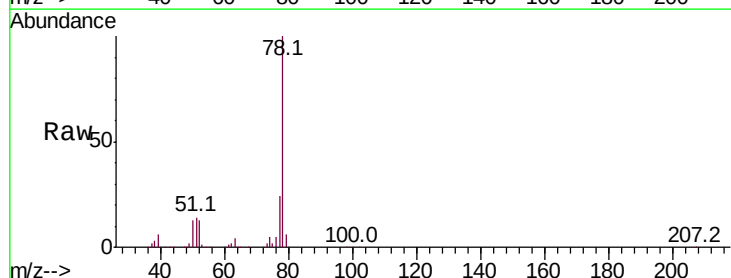
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

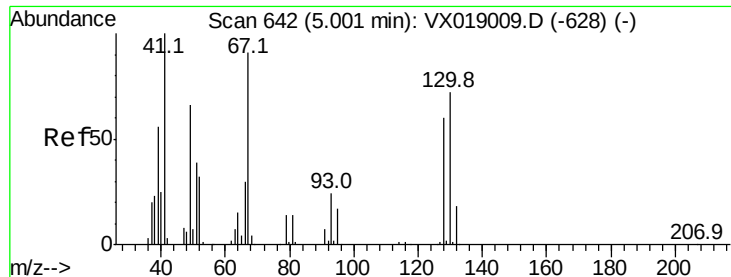
Tot Ion: 83 Resp: 182902
Ion Ratio Lower Upper
83 100
55 64.9 51.8 77.6
98 51.3 41.4 62.2



#40
Benzene
Concen: 50.272 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tgt Ion: 78 Resp: 494196
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9





#41

Methacrylonitrile

Concen: 48.338 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 73974

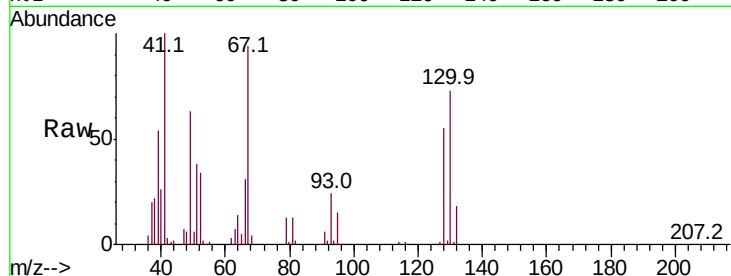
Ion Ratio Lower Upper

41 100

39 53.9 44.6 67.0

67 95.3 76.1 114.1

52 36.5 28.3 42.5

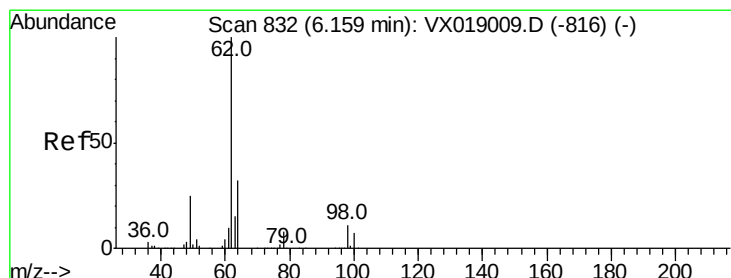
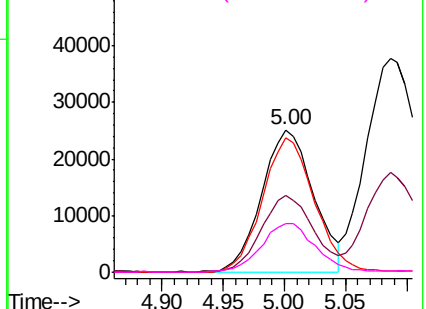
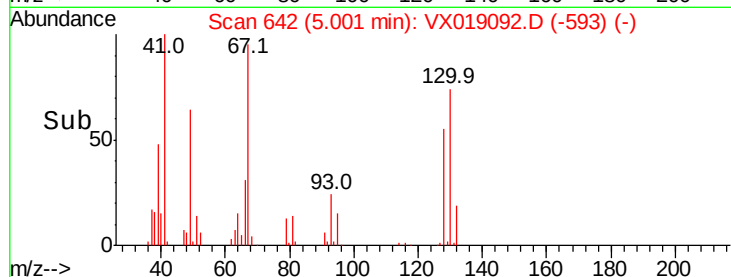


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 50.528 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX019092.D

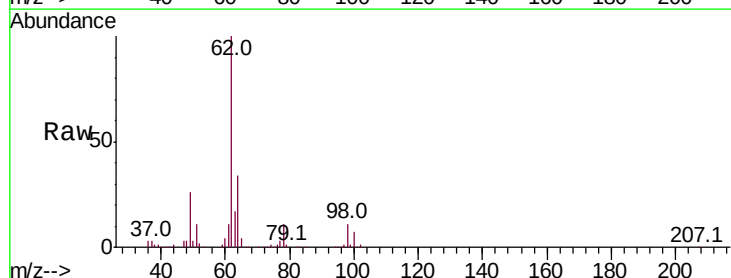
Acq: 23 Oct 2020 22:06

Tgt Ion: 62 Resp: 169513

Ion Ratio Lower Upper

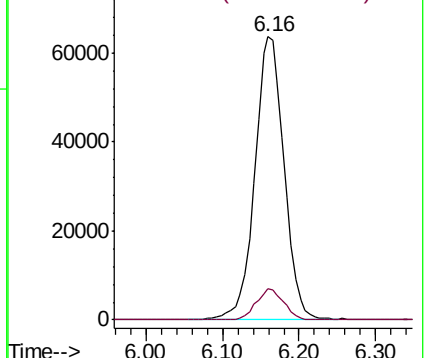
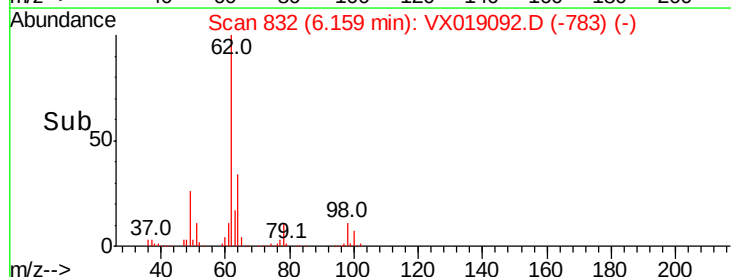
62 100

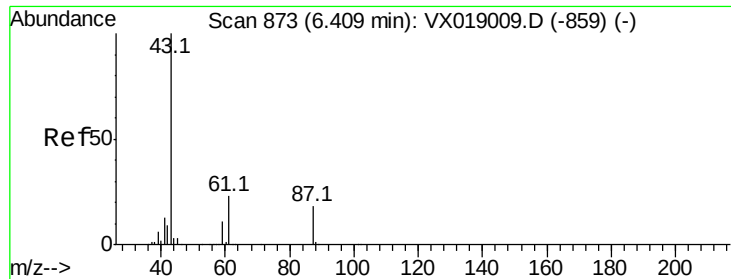
98 10.3 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.895 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

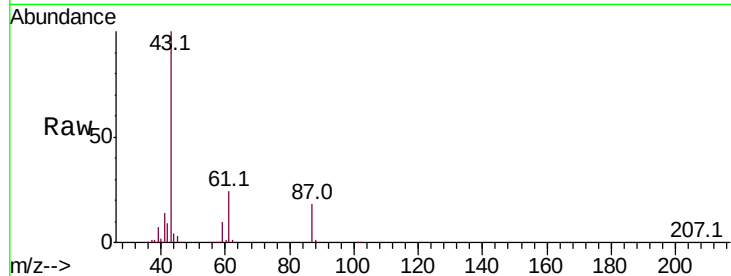
Tot Ion: 43 Resp: 235915

Ion Ratio Lower Upper

43 100

61 24.0 18.7 28.1

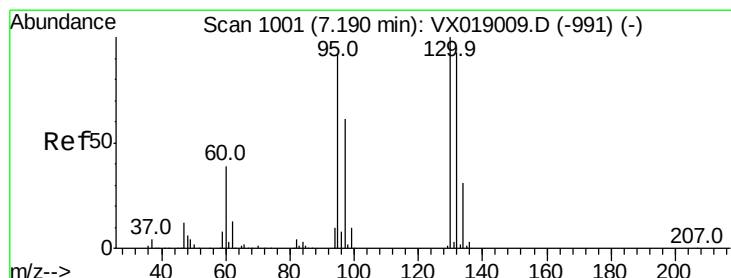
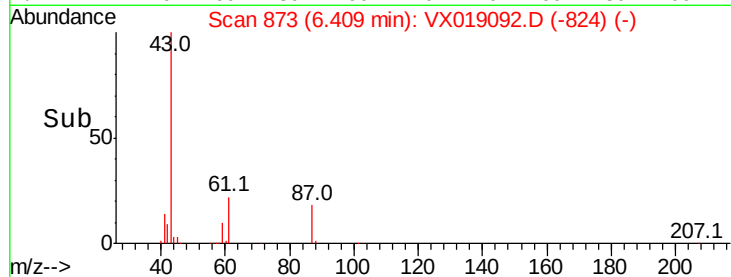
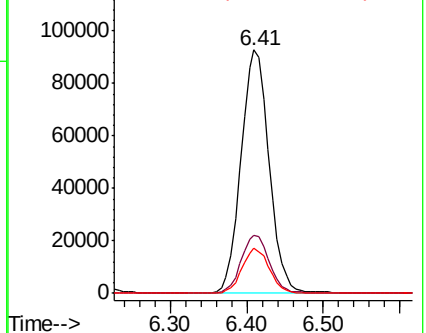
87 18.1 14.2 21.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.897 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX019092.D

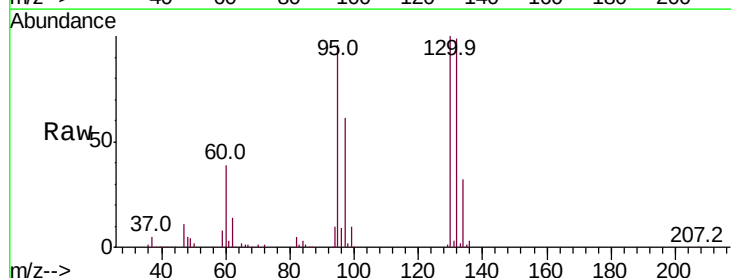
Acq: 23 Oct 2020 22:06

Tgt Ion:130 Resp: 140179

Ion Ratio Lower Upper

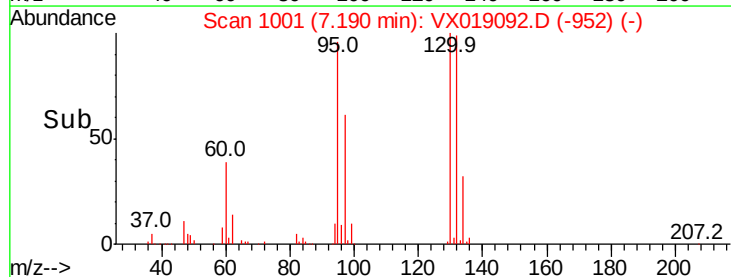
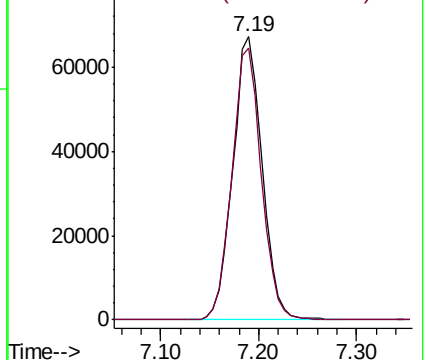
130 100

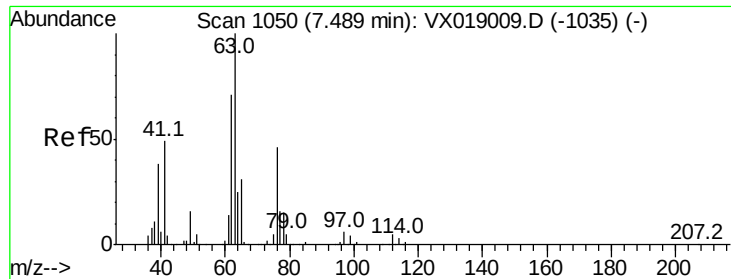
95 96.0 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.404 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

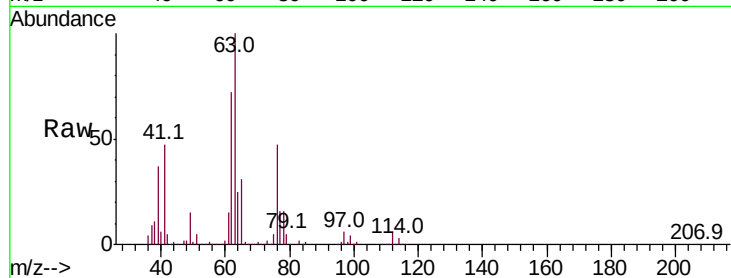
VSTDCCC050

Tot Ion: 63 Resp: 118854

Ion Ratio Lower Upper

63 100

65 31.4 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

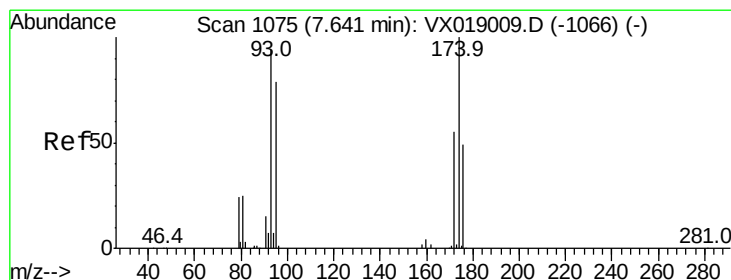
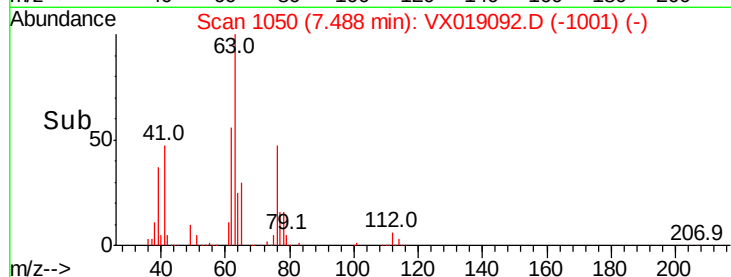
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60 7.70



#46

Dibromomethane

Concen: 49.918 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

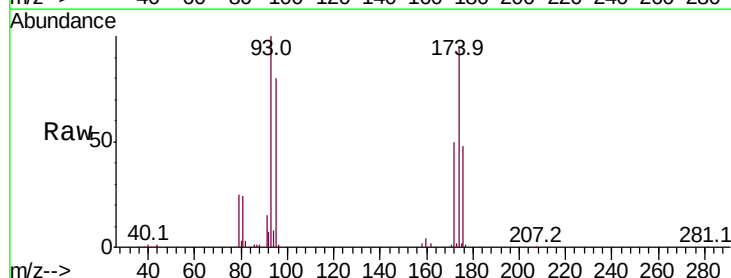
Tgt Ion: 93 Resp: 89652

Ion Ratio Lower Upper

93 100

95 83.3 66.8 100.2

174 103.8 83.8 125.8



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

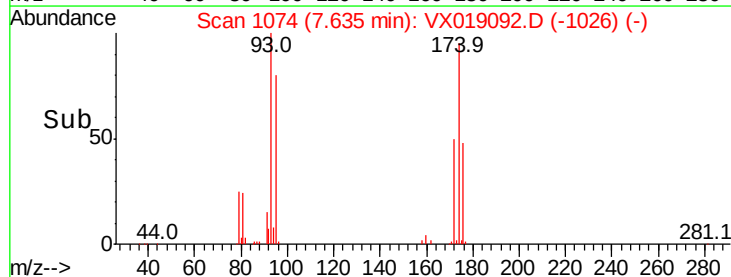
60000

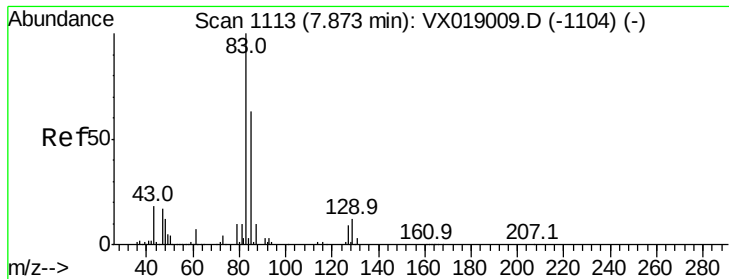
40000

20000

0

Time--> 7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 50.362 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

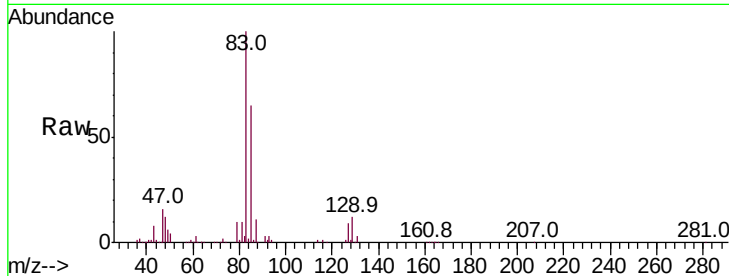
Tot Ion: 83 Resp: 177345

Ion Ratio Lower Upper

83 100

85 65.1 50.7 76.1

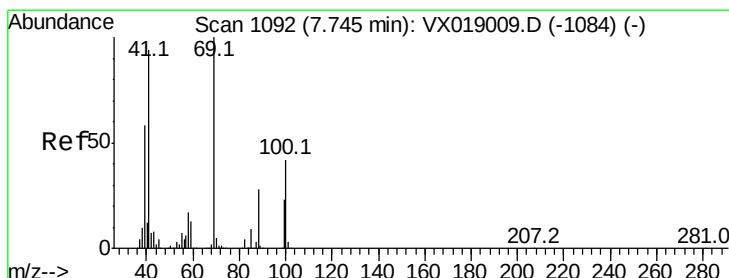
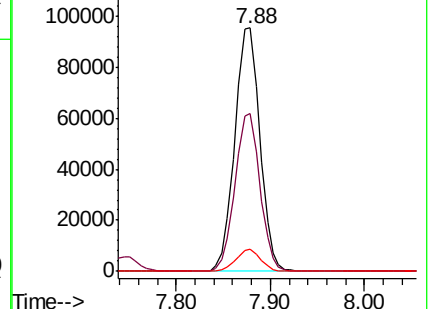
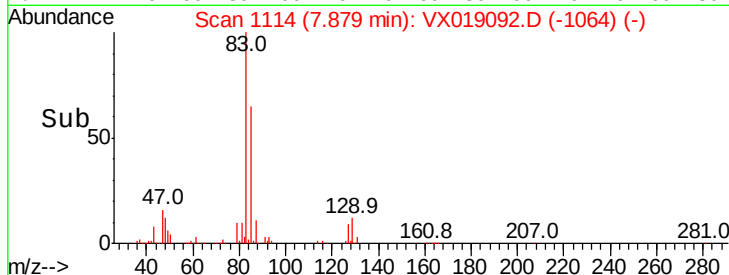
127 9.3 6.8 10.2



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: 46.952 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

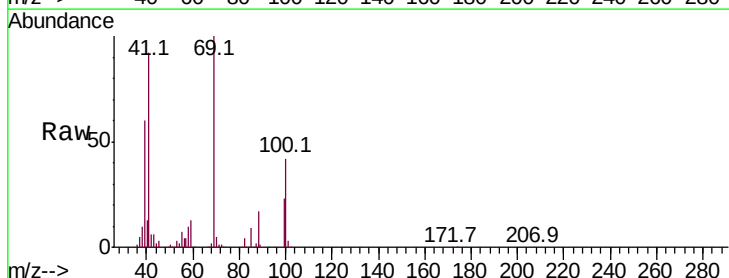
Tgt Ion: 41 Resp: 111622

Ion Ratio Lower Upper

41 100

69 108.4 85.5 128.3

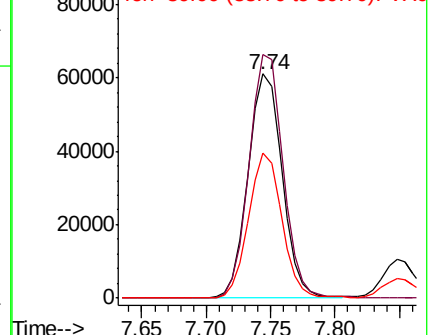
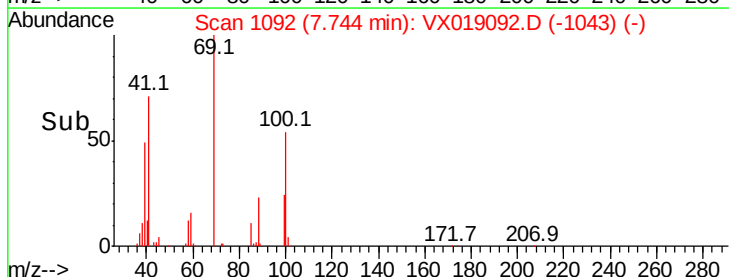
39 63.5 49.3 73.9

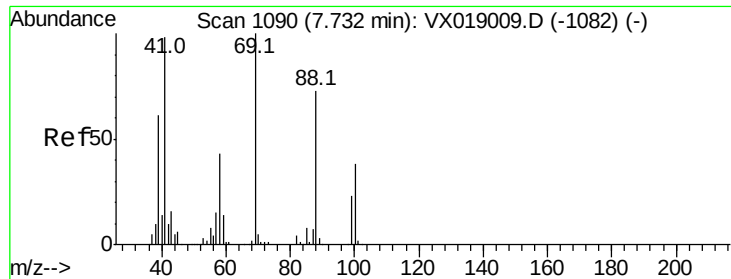


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

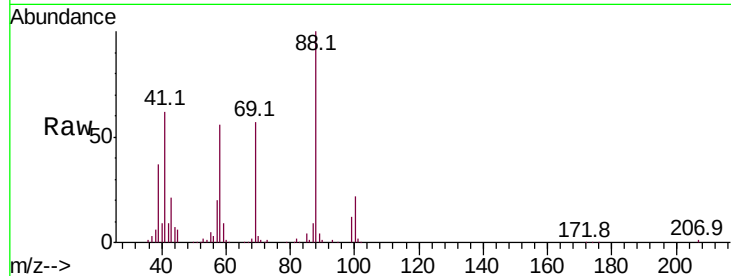




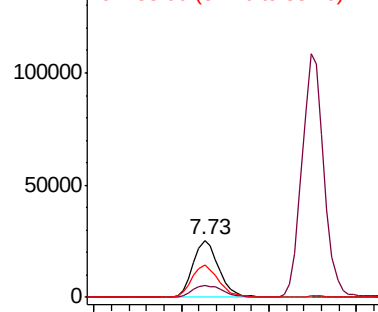
#49
 1,4-Dioxane
 Concen: 973.481 ug/l
 RT: 7.73 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

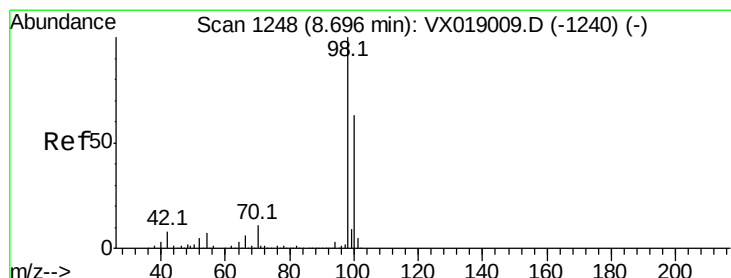
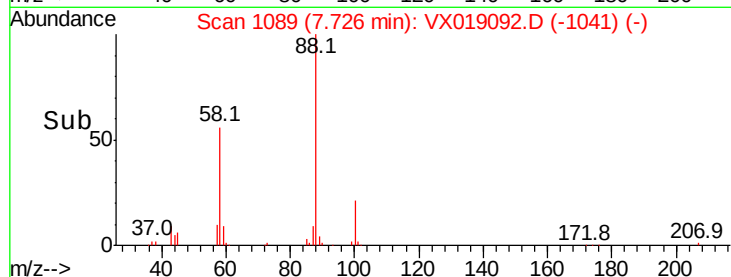
Tot Ion: 88 Resp: 52291
 Ion Ratio Lower Upper
 88 100
 43 24.8 20.3 30.5
 58 58.6 48.4 72.6



Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

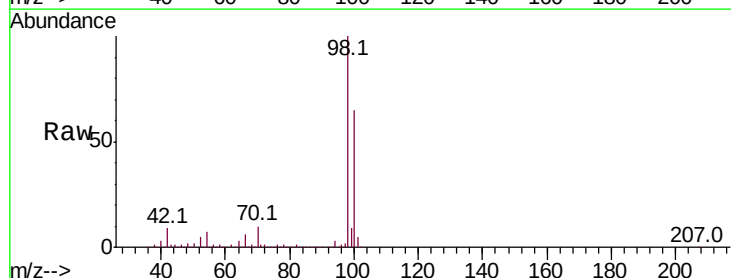


Time-->

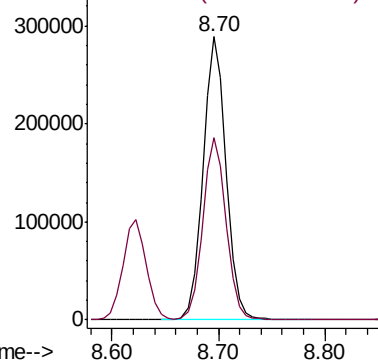


#50
 Toluene-d8
 Concen: 48.496 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

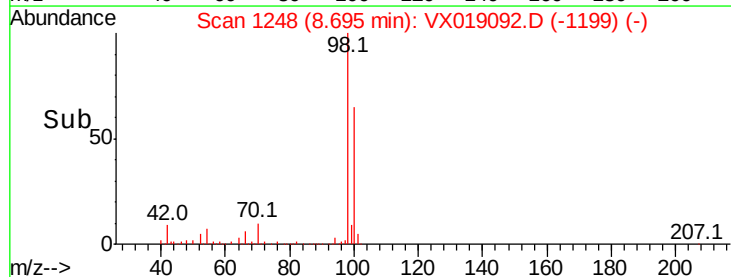
Tgt Ion: 98 Resp: 435855
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.1 78.1

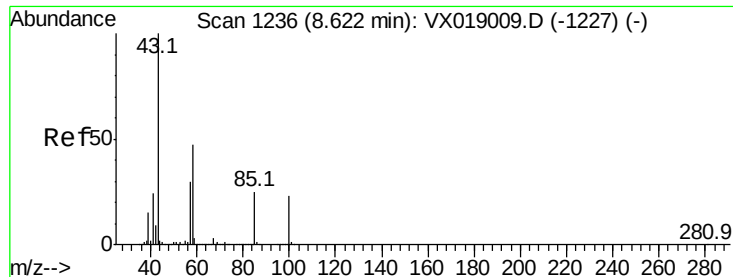


Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V



Time-->

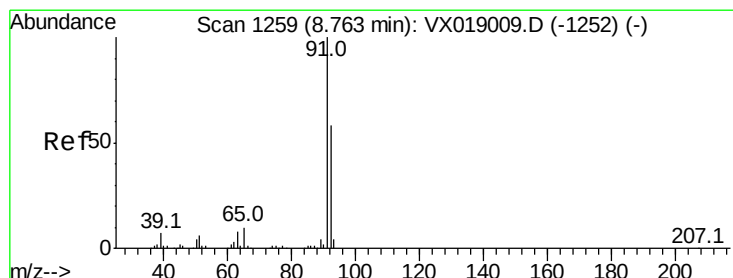
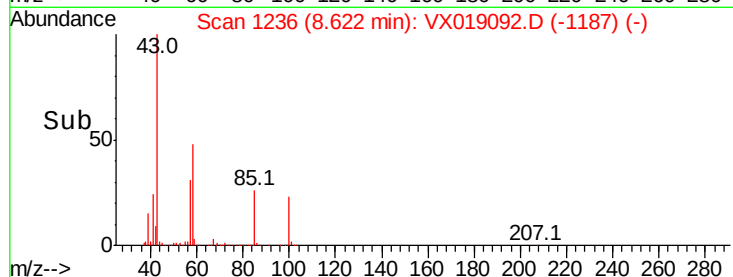
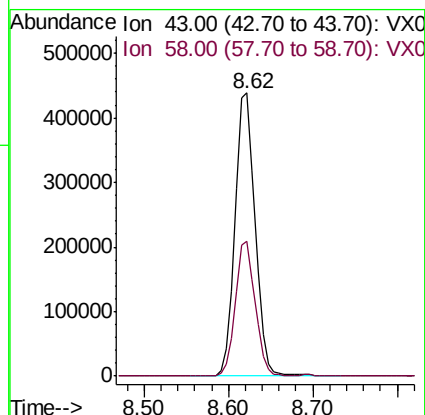
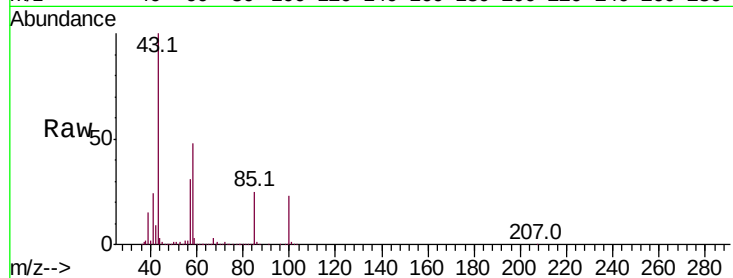




#51
4-Methyl-2-Pentanone
Concen: 249.220 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

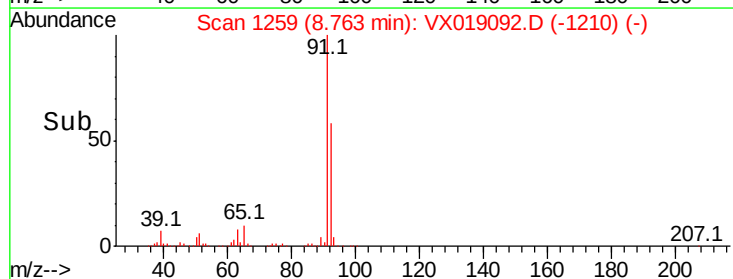
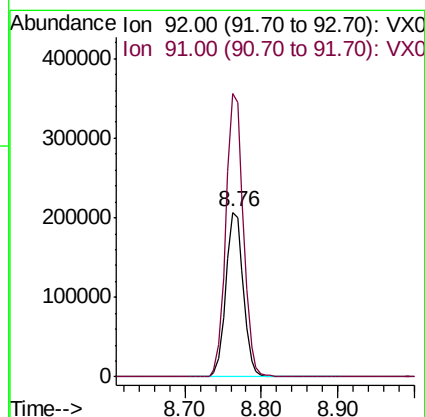
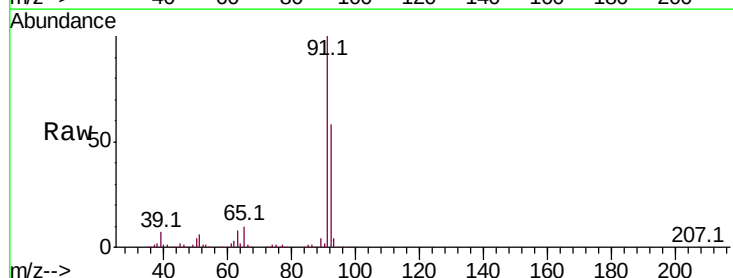
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

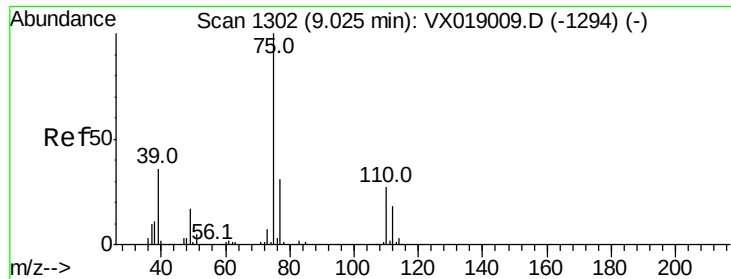
Tot Ion: 43 Resp: 708565
Ion Ratio Lower Upper
43 100
58 46.7 37.4 56.0



#52
Toluene
Concen: 50.158 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tgt Ion: 92 Resp: 325669
Ion Ratio Lower Upper
92 100
91 172.5 138.6 208.0

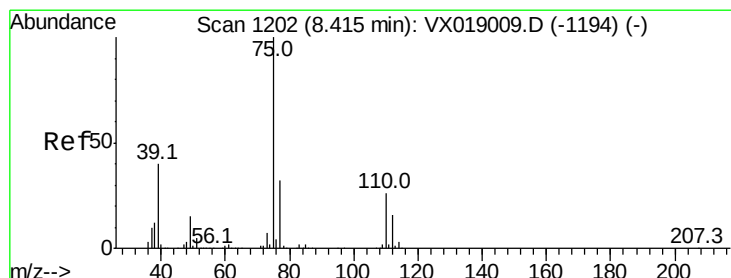
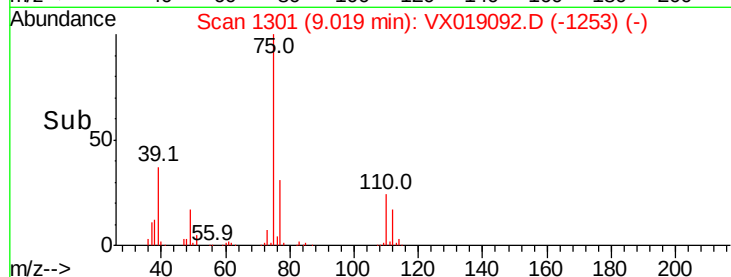
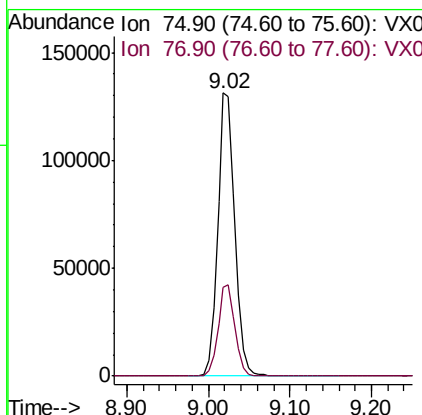
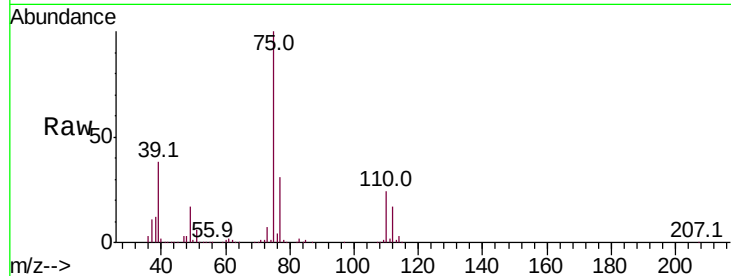




#53
 t-1,3-Dichloropropene
 Concen: 48.290 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

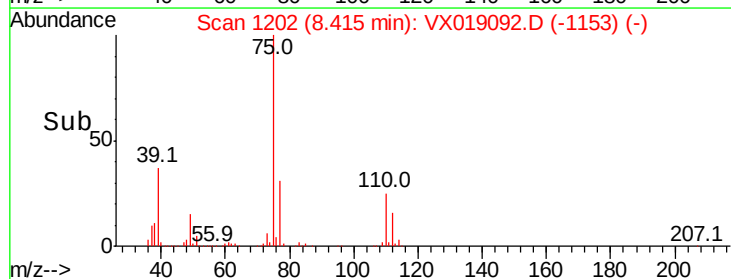
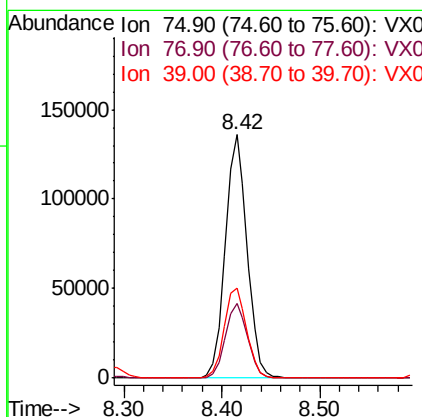
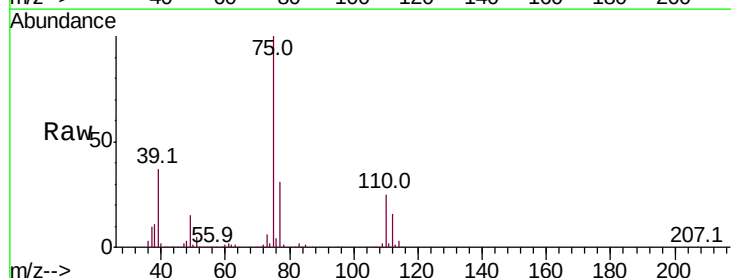
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

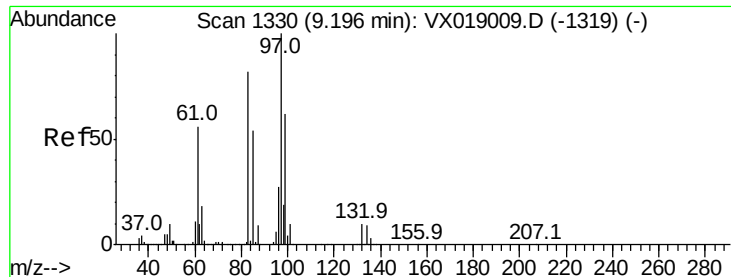
Tot Ion: 75 Resp: 192026
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 49.820 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

Tgt Ion: 75 Resp: 209207
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.9 38.9
 39 36.9 31.7 47.5





#55

1,1,2-Trichloroethane

Concen: 49.627 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 131357

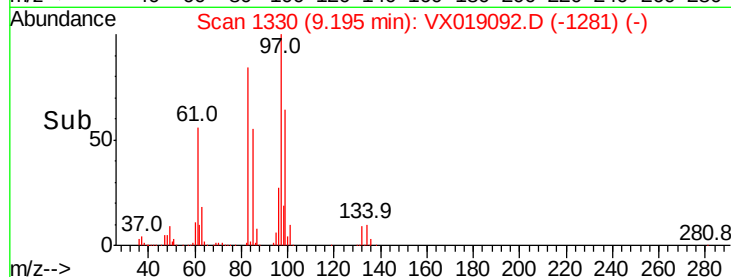
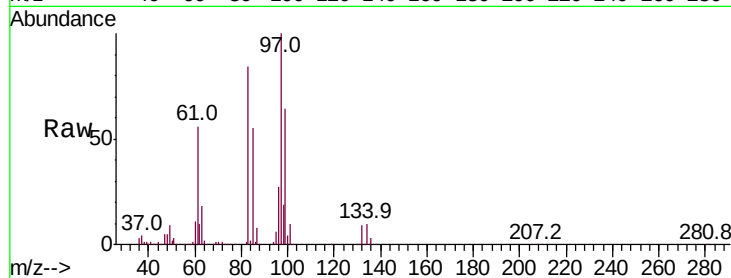
Ion	Ratio	Lower	Upper
97	100		
83	83.7	65.4	98.2
85	55.1	43.3	64.9
99	64.0	50.0	75.0

97 100

83 83.7 65.4 98.2

85 55.1 43.3 64.9

99 64.0 50.0 75.0



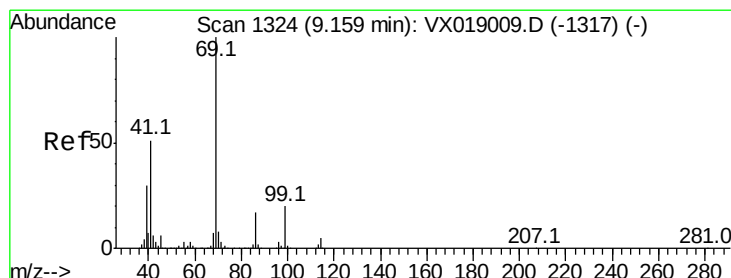
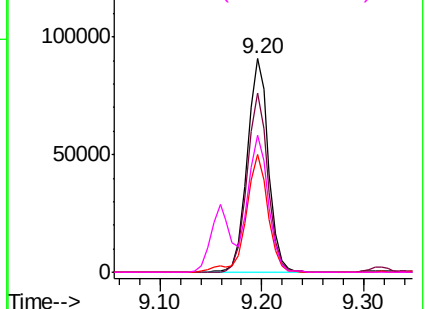
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.316 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

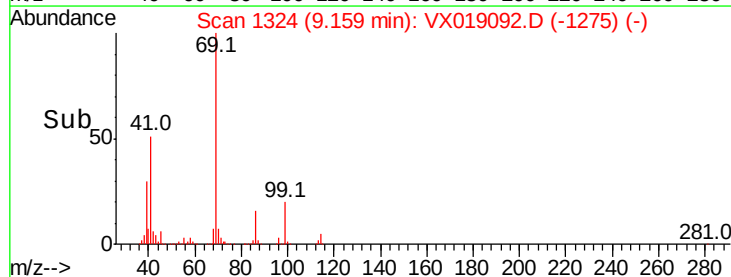
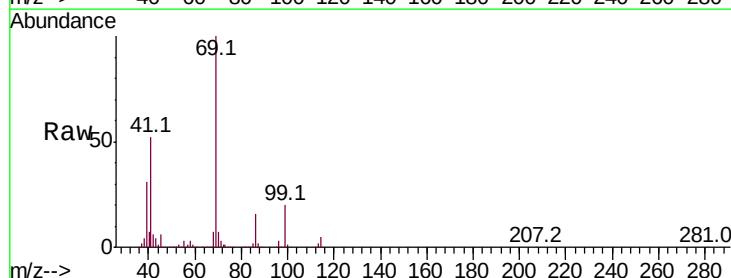
Tgt Ion: 69 Resp: 191606

Ion	Ratio	Lower	Upper
69	100		
41	50.8	41.1	61.7
39	31.5	24.6	37.0

69 100

41 50.8 41.1 61.7

39 31.5 24.6 37.0

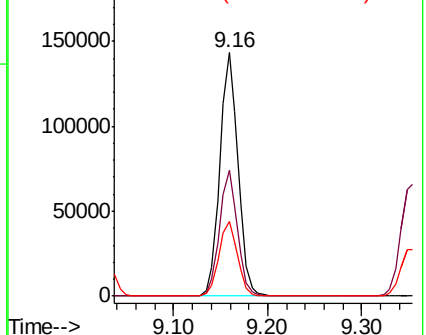


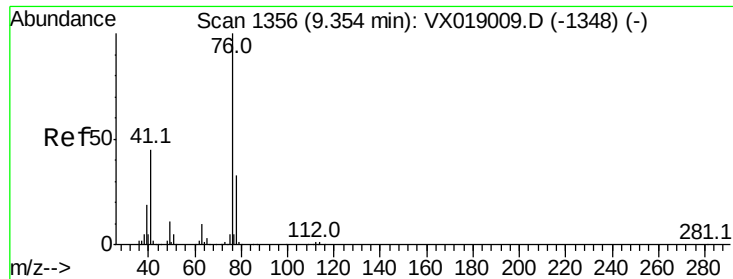
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.870 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

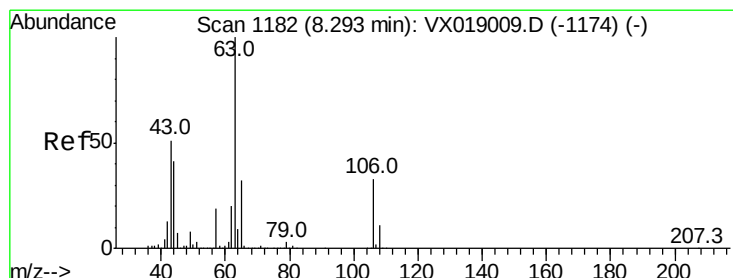
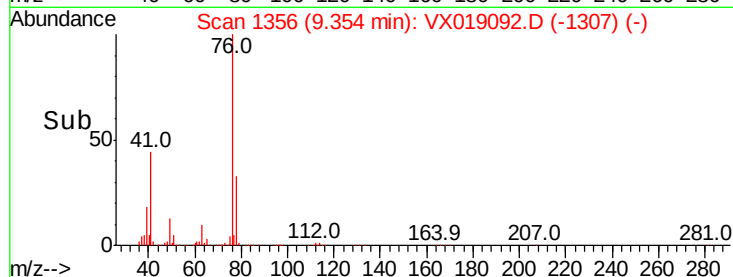
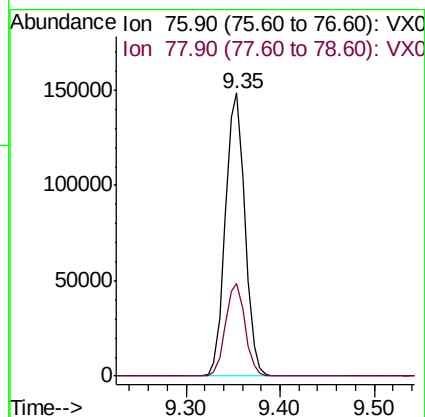
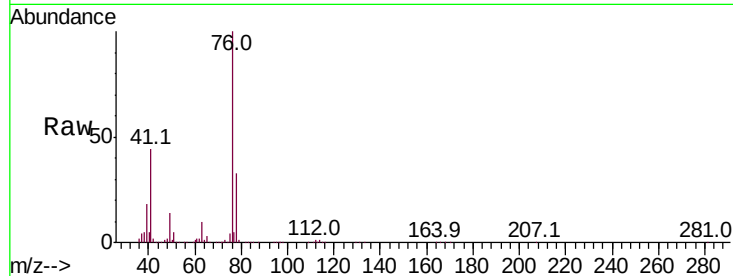
VSTDCCC050

Tot Ion: 76 Resp: 213718

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 245.598 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX019092.D

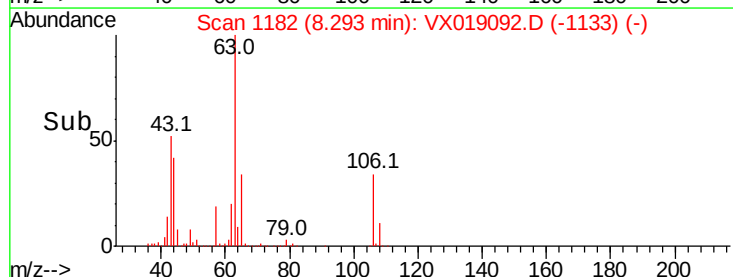
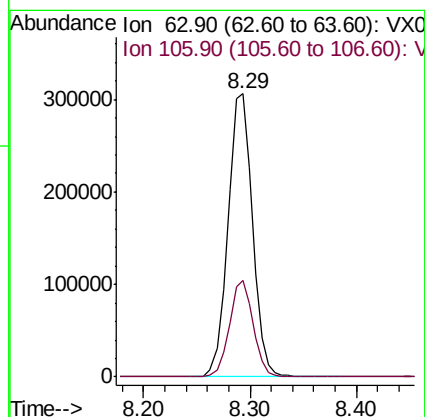
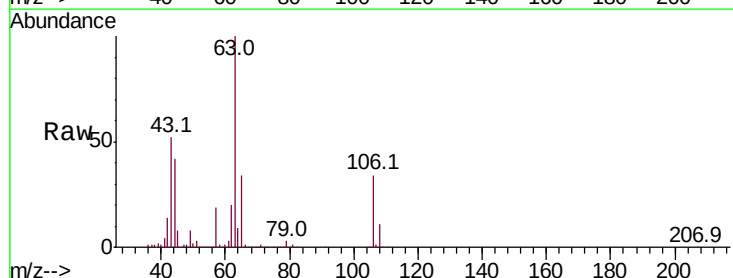
Acq: 23 Oct 2020 22:06

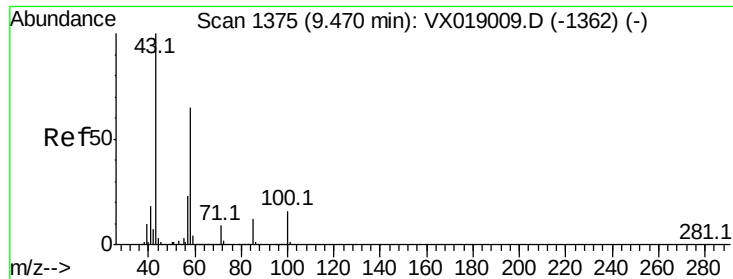
Tgt Ion: 63 Resp: 491298

Ion Ratio Lower Upper

63 100

106 33.0 26.0 39.0

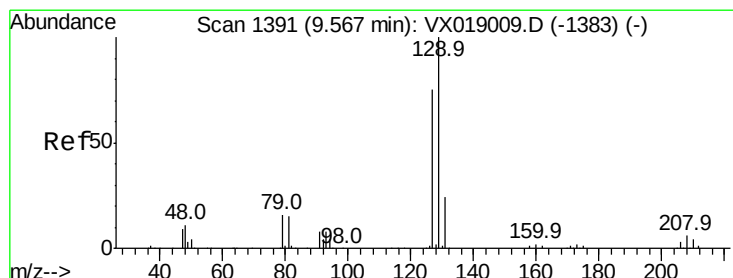
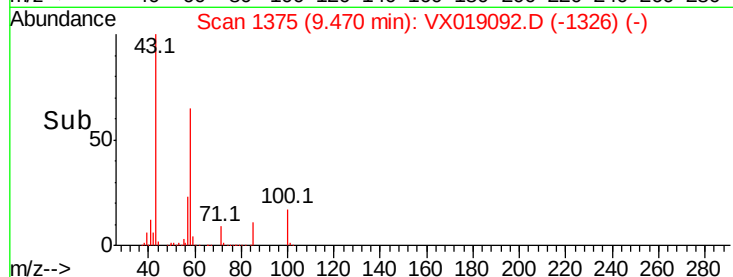
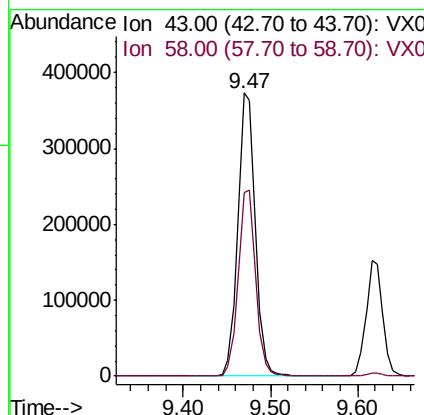
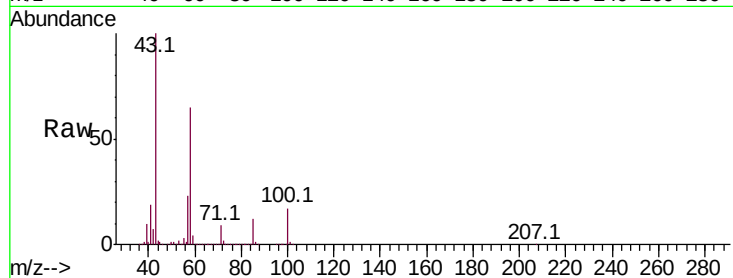




#59
2-Hexanone
Concen: 248.426 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

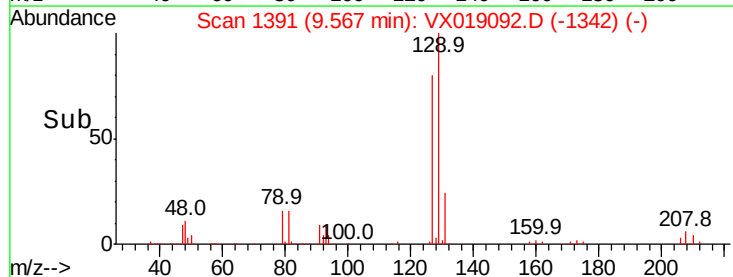
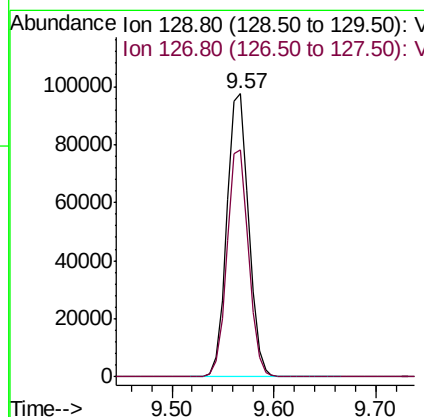
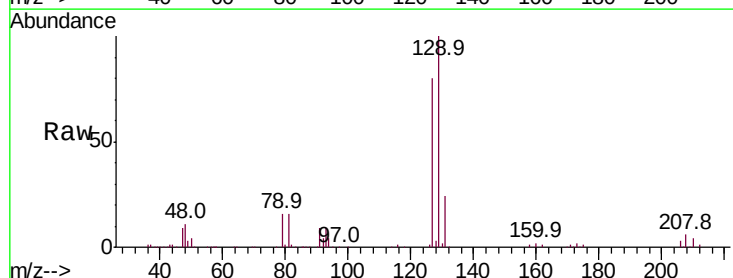
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

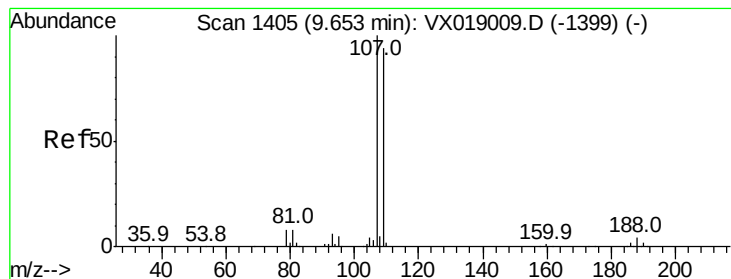
Tot Ion: 43 Resp: 526351
Ion Ratio Lower Upper
43 100
58 65.8 32.8 98.4



#60
Dibromochloromethane
Concen: 50.048 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tgt Ion: 129 Resp: 144386
Ion Ratio Lower Upper
129 100
127 79.2 38.6 115.7





#61

1,2-Dibromoethane

Concen: 49.667 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

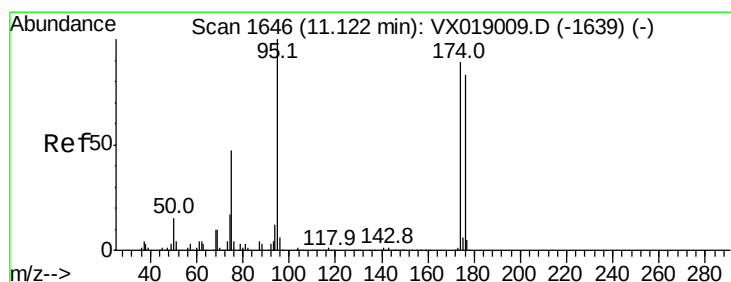
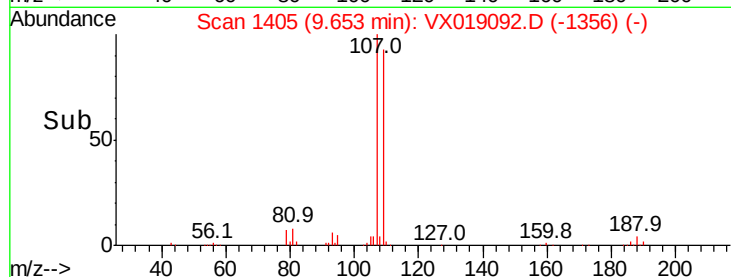
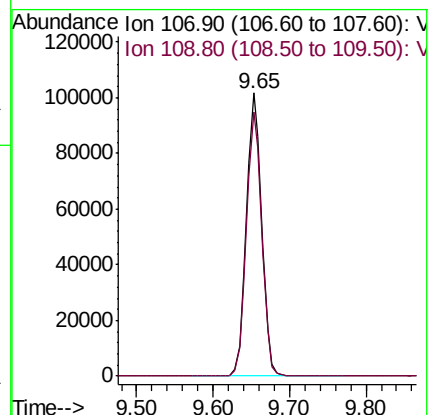
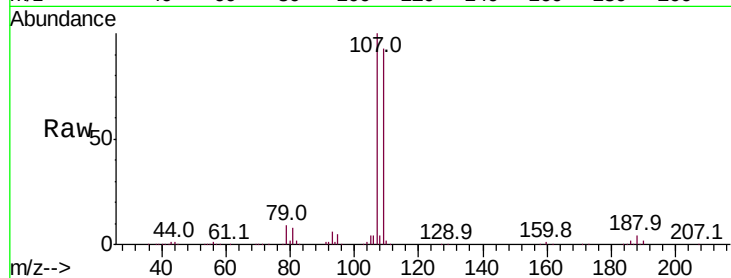
VSTDCCC050

Tot Ion:107 Resp: 140657

Ion Ratio Lower Upper

107 100

109 94.0 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 48.067 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

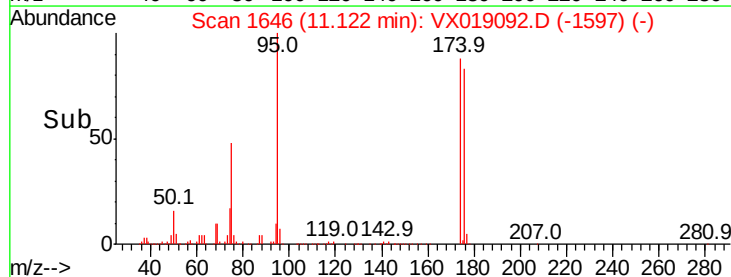
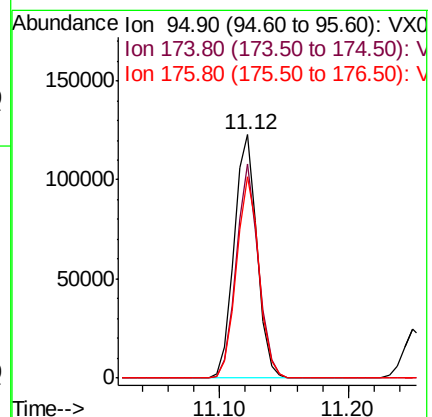
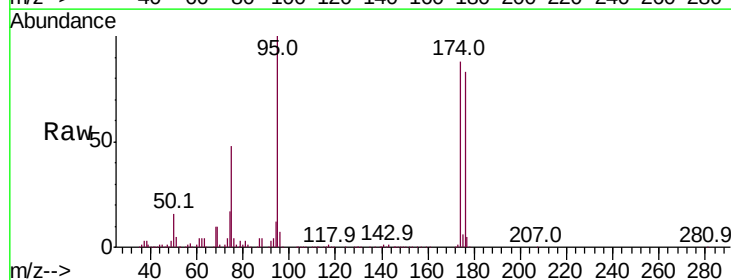
Tgt Ion: 95 Resp: 153666

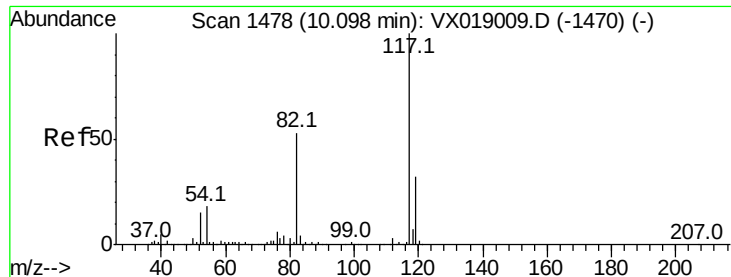
Ion Ratio Lower Upper

95 100

174 85.1 0.0 167.6

176 81.5 0.0 165.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

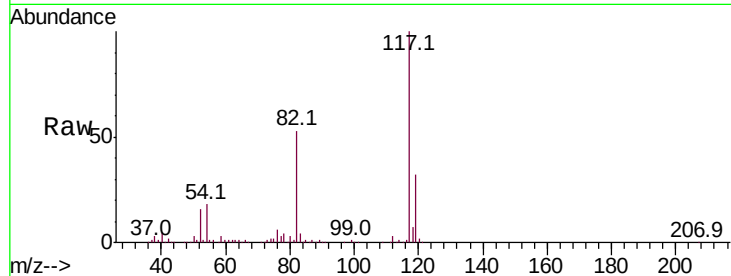
Tot Ion:117 Resp: 335129

Ion Ratio Lower Upper

117 100

82 52.6 42.4 63.6

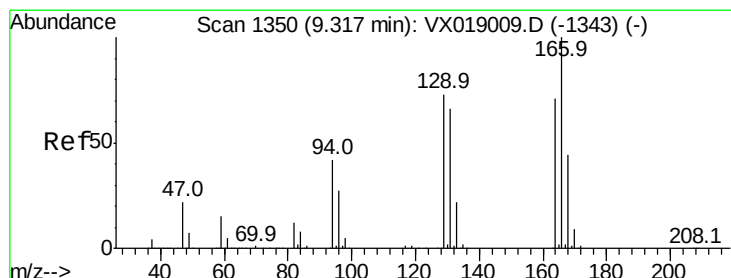
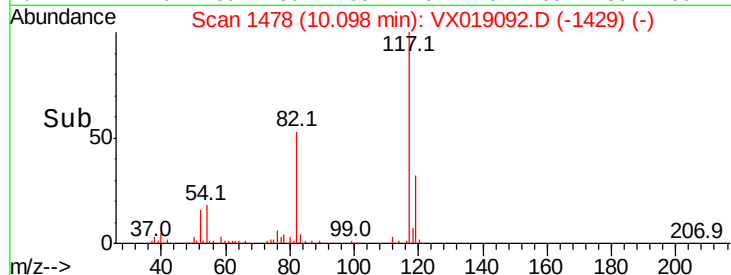
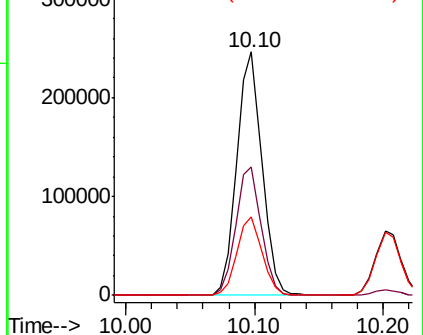
119 32.4 25.6 38.4



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: 49.572 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Tgt Ion:164 Resp: 126486

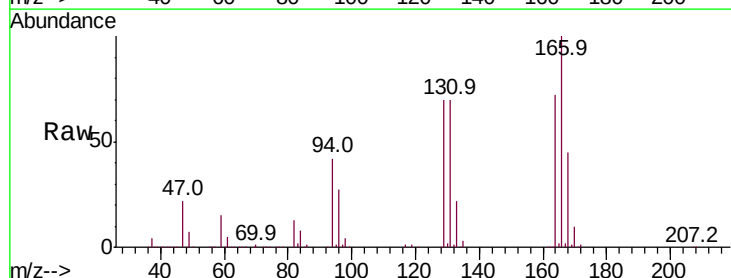
Ion Ratio Lower Upper

164 100

166 139.6 112.2 168.4

129 98.2 81.8 122.8

131 97.8 74.6 112.0

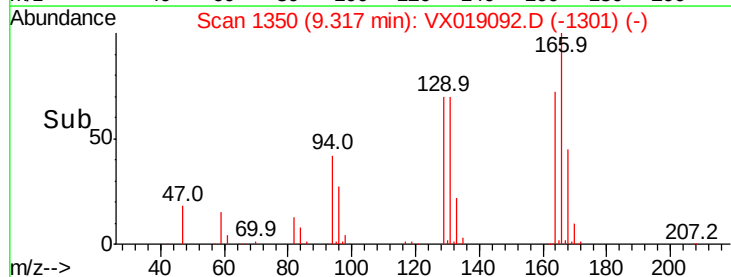
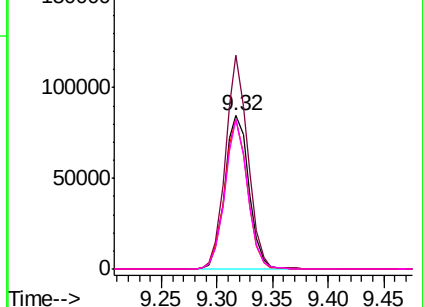


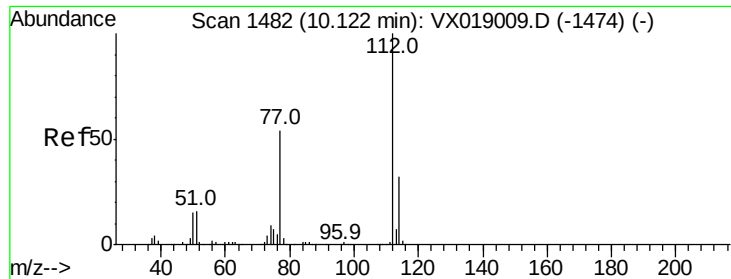
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

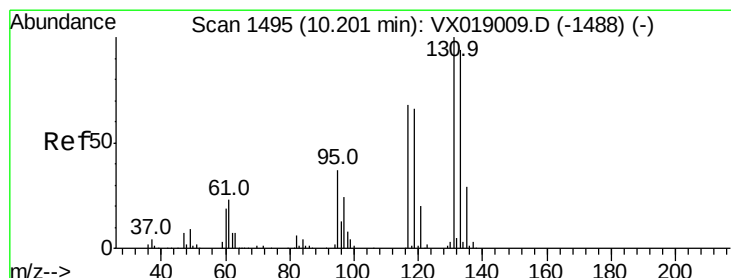
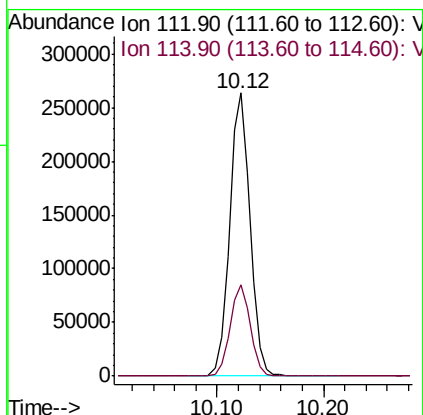
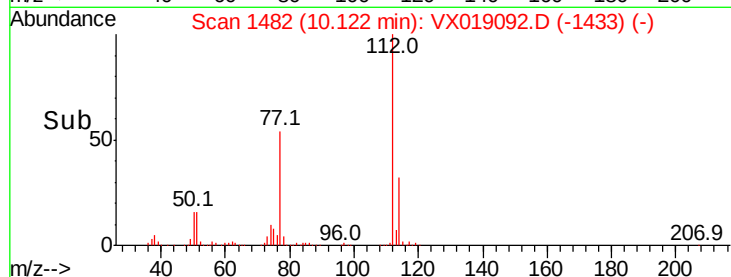
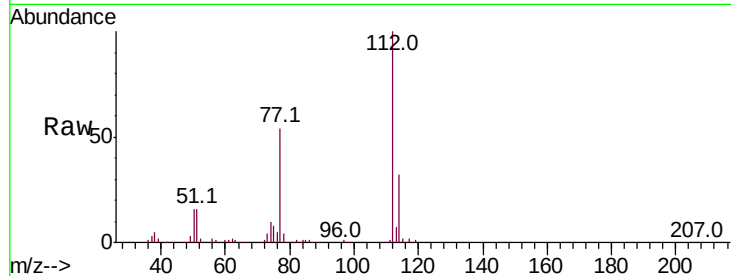




#65
Chlorobenzene
Concen: 50.242 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

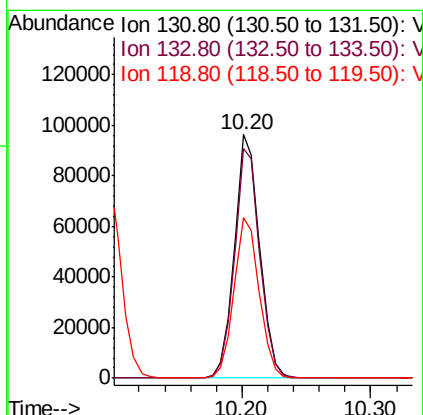
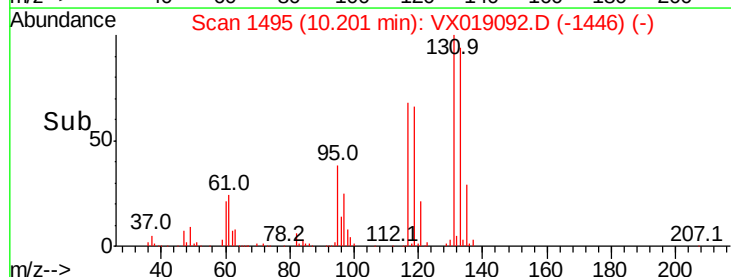
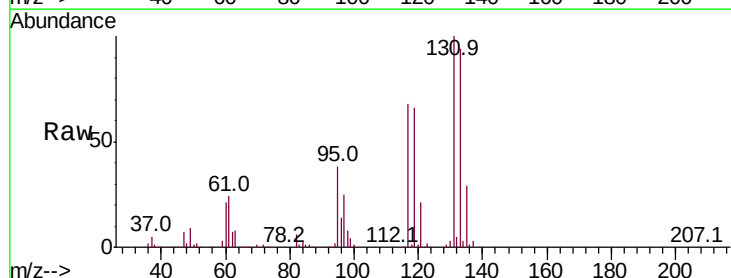
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

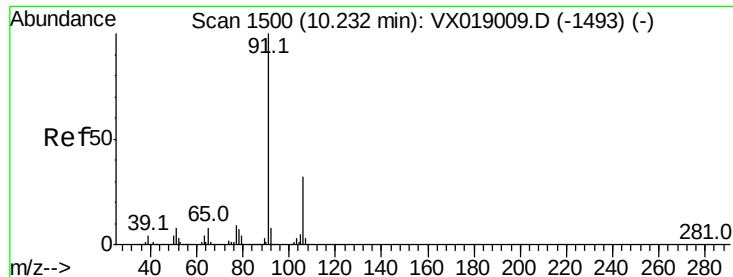
Tot Ion:112 Resp: 353182
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.257 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tgt Ion:131 Resp: 130603
Ion Ratio Lower Upper
131 100
133 95.1 47.0 141.2
119 66.7 32.9 98.7





#67

Ethyl Benzene

Concen: 51.372 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

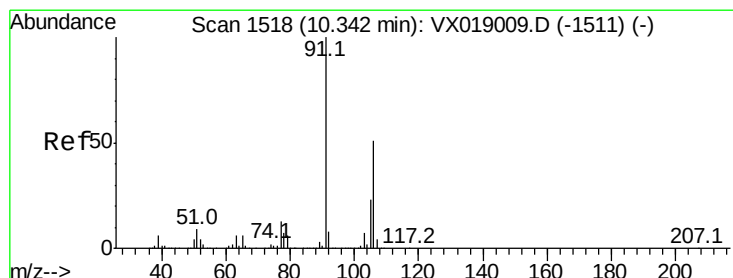
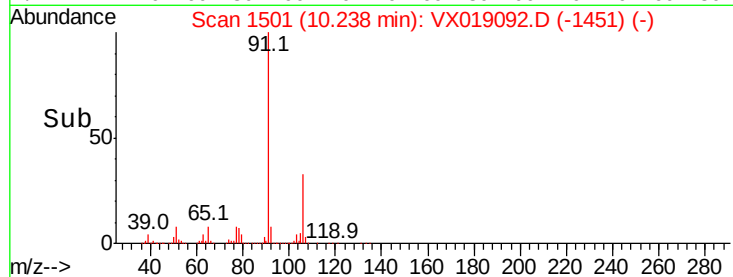
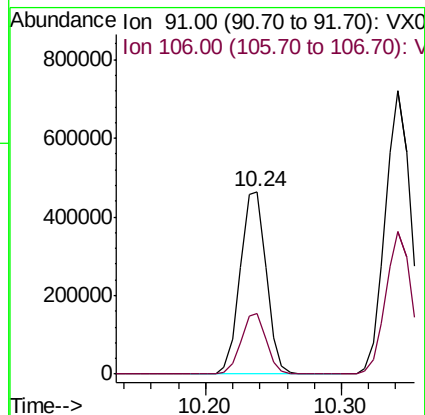
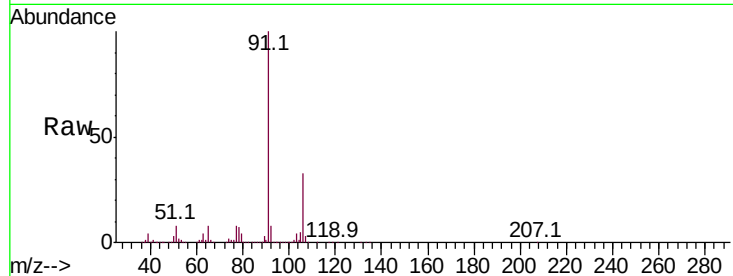
VSTDCCC050

Tot Ion: 91 Resp: 622487

Ion Ratio Lower Upper

91 100

106 33.4 25.3 37.9



#68

m/p-Xylenes

Concen: 103.347 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019092.D

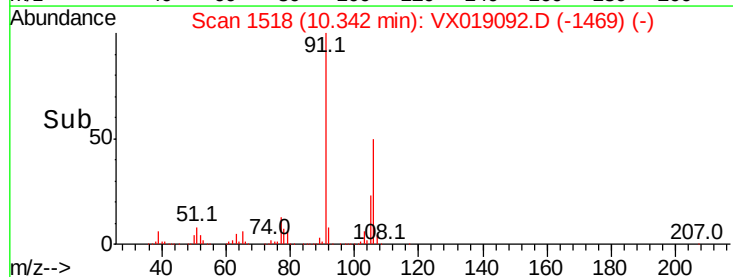
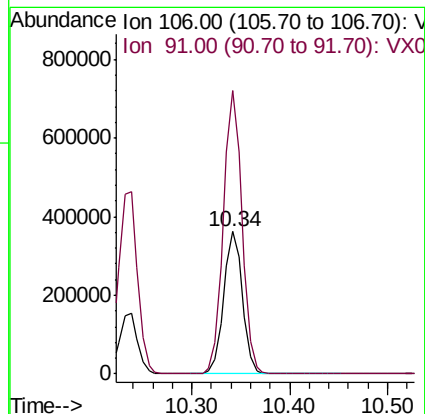
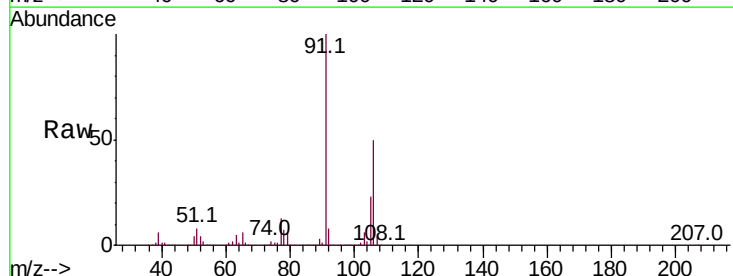
Acq: 23 Oct 2020 22:06

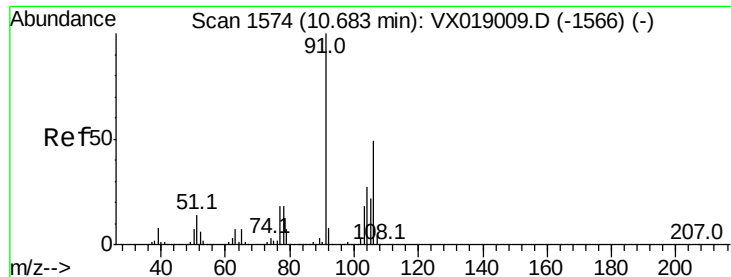
Tgt Ion: 106 Resp: 479706

Ion Ratio Lower Upper

106 100

91 198.6 156.9 235.3

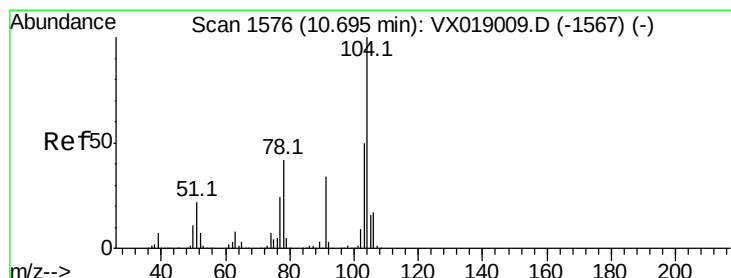
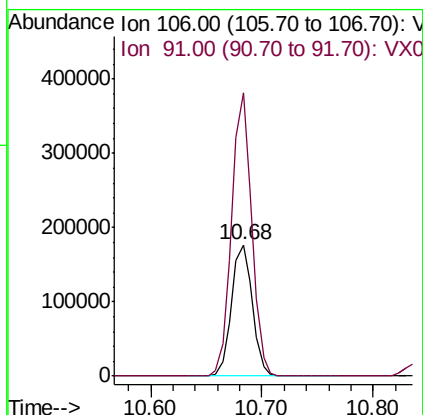
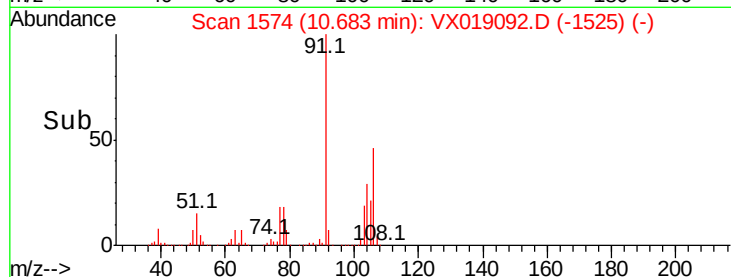
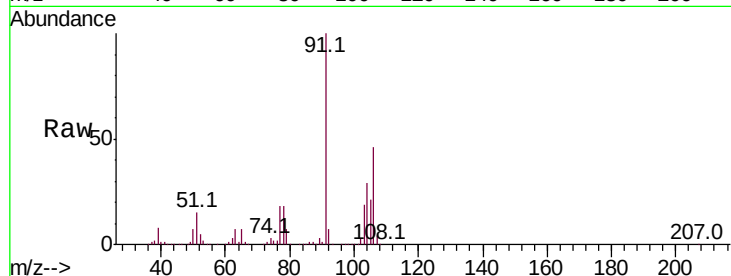




#69
o-Xylene
Concen: 51.483 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

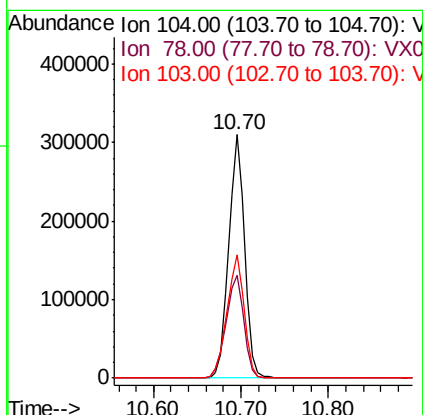
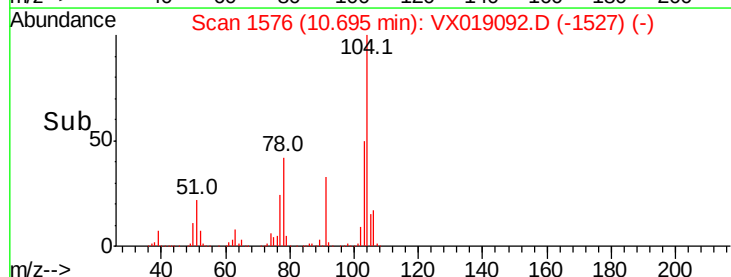
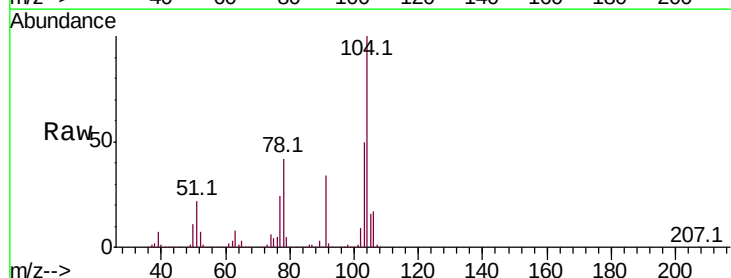
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

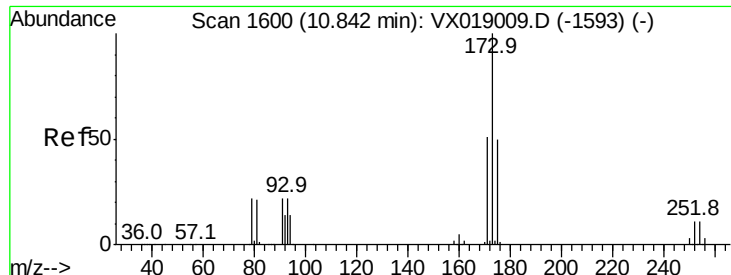
Tot Ion:106 Resp: 228708
Ion Ratio Lower Upper
106 100
91 208.7 104.0 312.0



#70
Styrene
Concen: 51.804 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tgt Ion:104 Resp: 390719
Ion Ratio Lower Upper
104 100
78 47.5 37.7 56.5
103 54.8 43.5 65.3





#71

Bromoform

Concen: 51.023 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

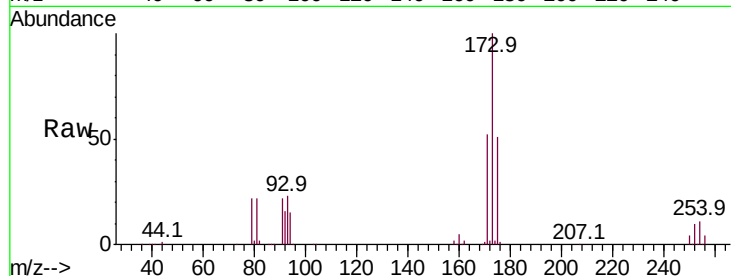
Tot Ion:173 Resp: 102941

Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.4

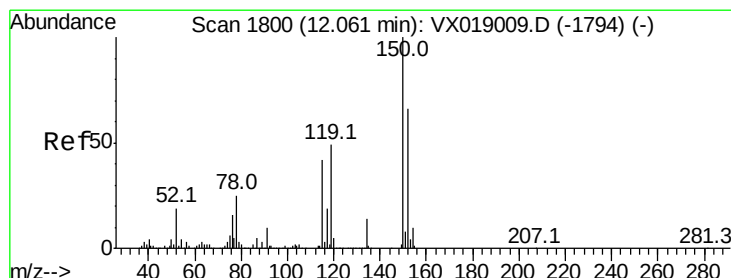
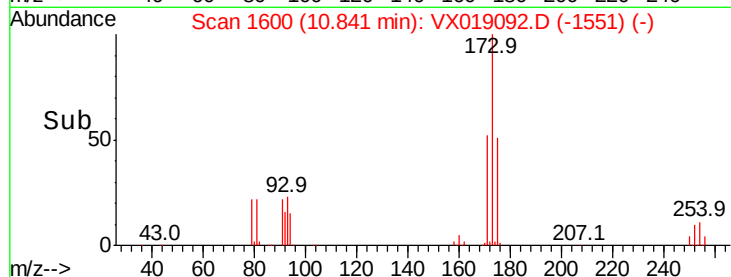
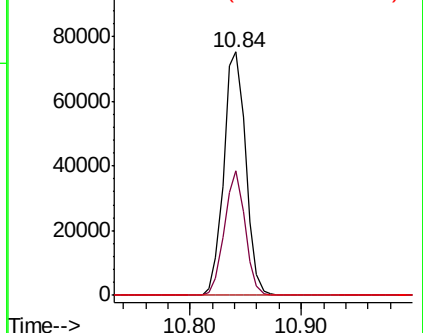
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

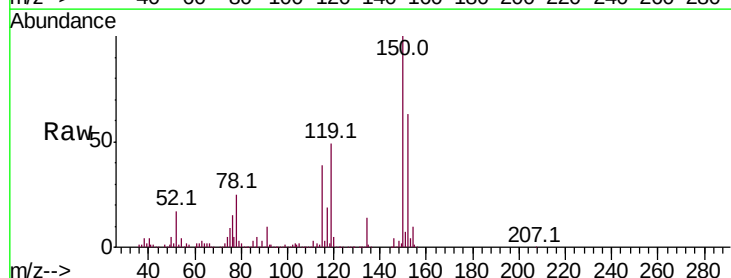
Tgt Ion:152 Resp: 174066

Ion Ratio Lower Upper

152 100

115 82.1 40.8 122.5

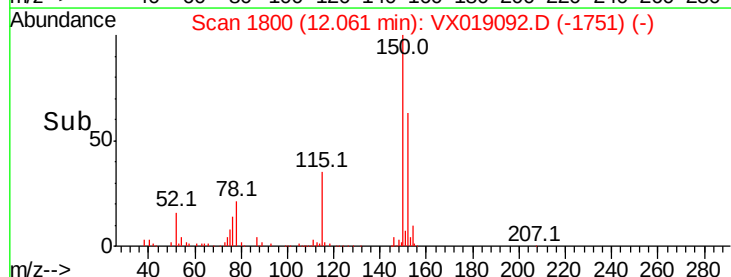
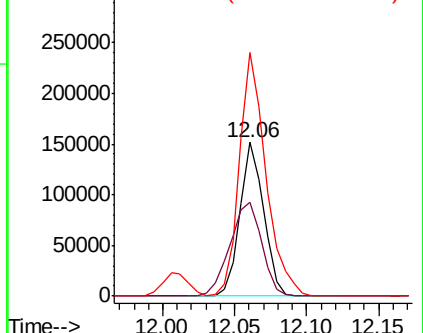
150 176.3 0.0 345.6

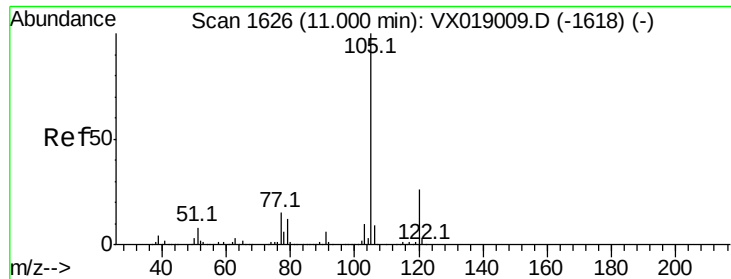


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.580 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

ClientSampled :

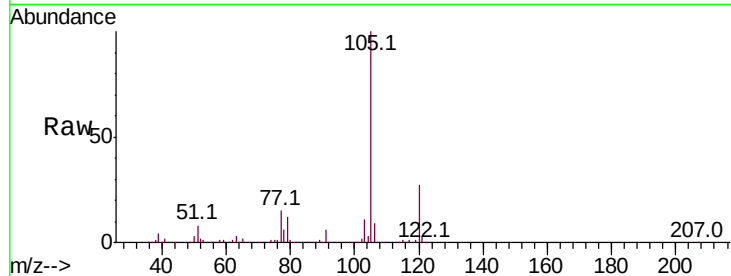
VSTDCCC050

Tot Ion:105 Resp: 620838

Ion Ratio Lower Upper

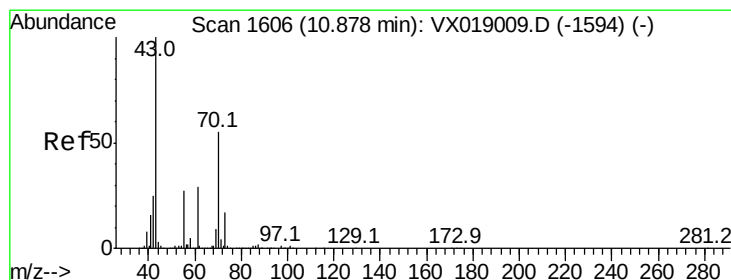
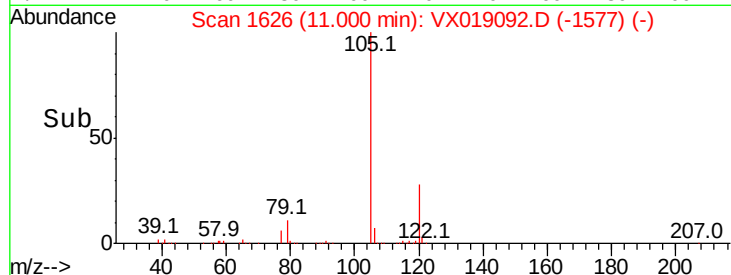
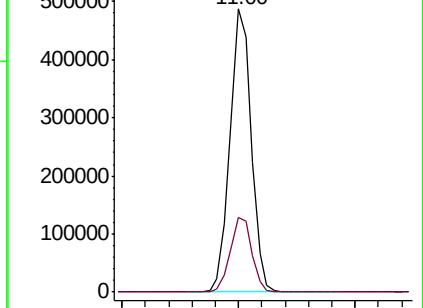
105 100

120 26.9 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.256 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Tgt Ion: 43 Resp: 197616

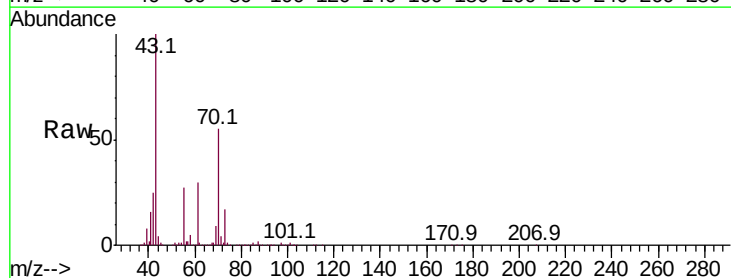
Ion Ratio Lower Upper

43 100

70 55.4 44.5 66.7

55 27.5 21.9 32.9

61 29.5 23.9 35.9

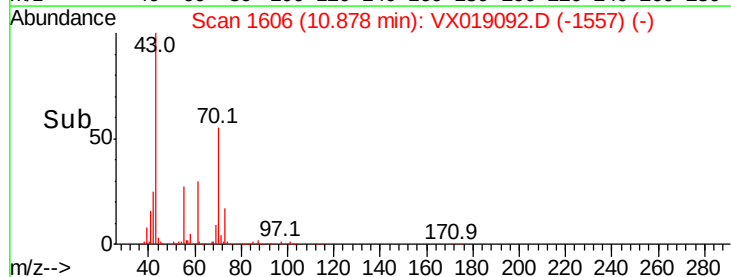
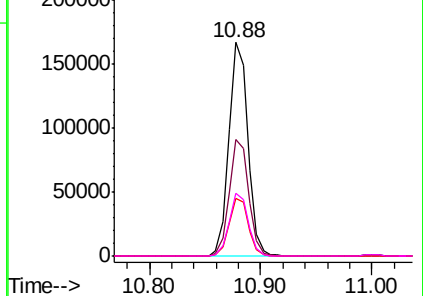


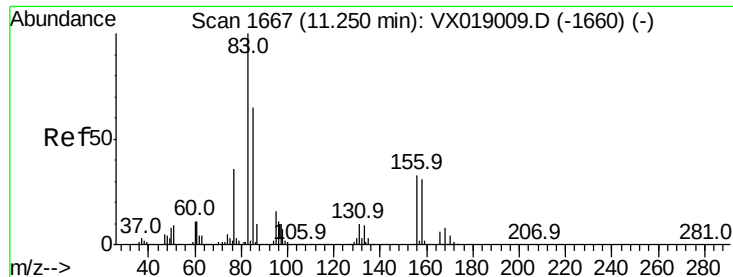
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.361 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

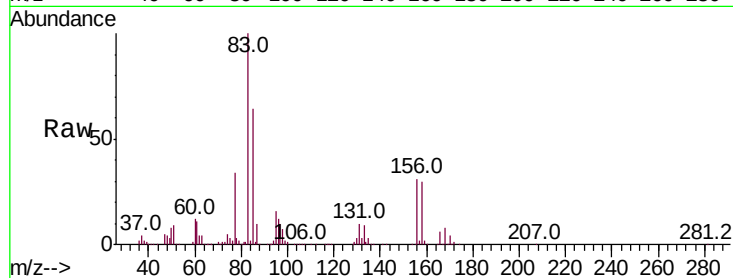
Tot Ion: 83 Resp: 193748

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

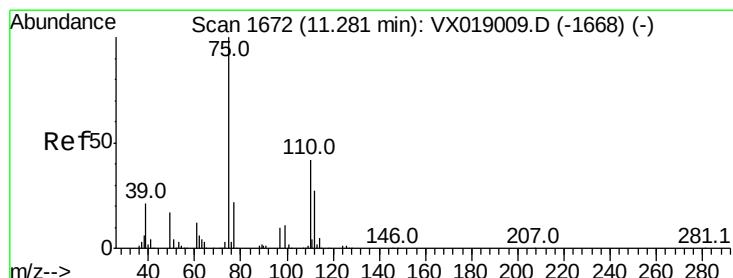
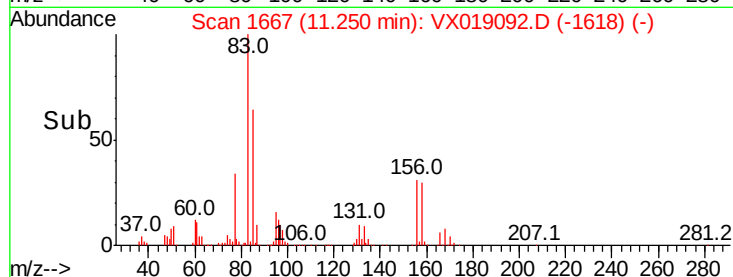
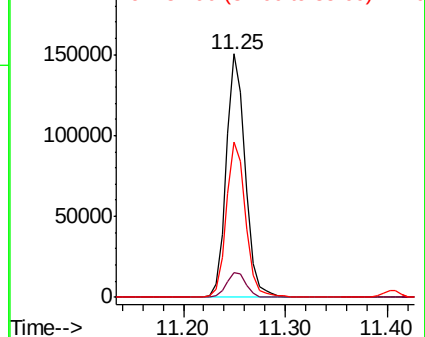
85 64.7 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.400 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019092.D

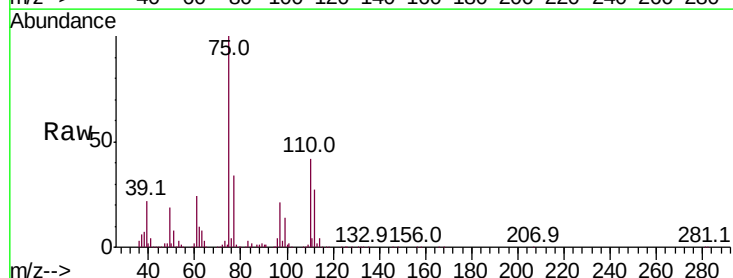
Acq: 23 Oct 2020 22:06

Tgt Ion: 75 Resp: 224052

Ion Ratio Lower Upper

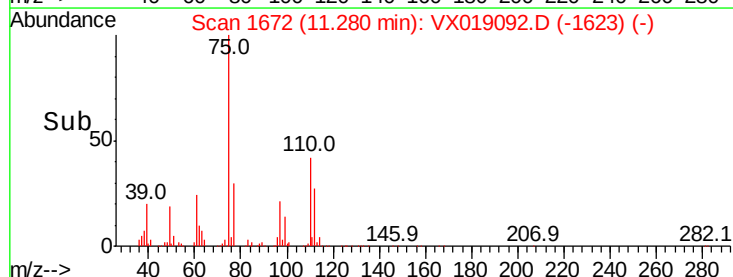
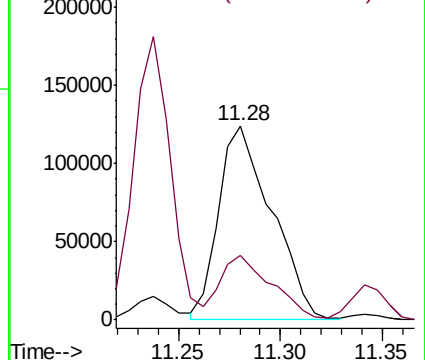
75 100

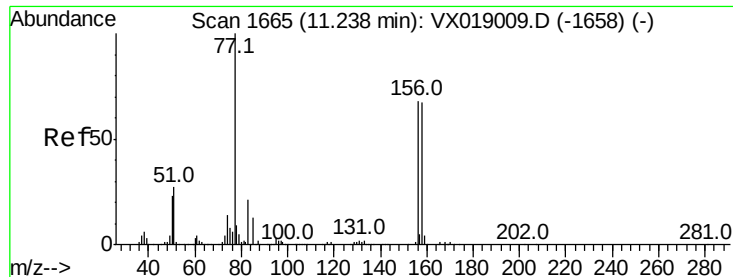
77 32.1 20.7 62.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.312 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

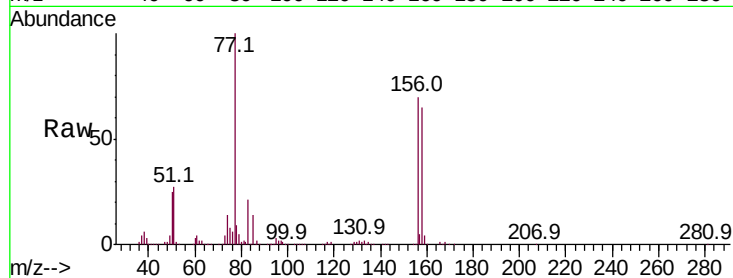
Tot Ion:156 Resp: 155944

Ion Ratio Lower Upper

156 100

77 146.8 74.4 223.1

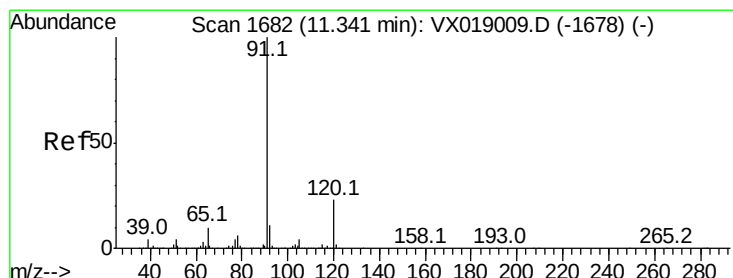
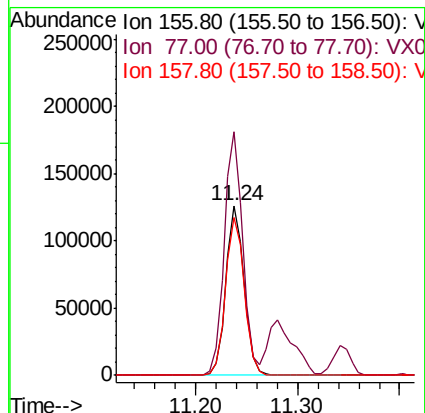
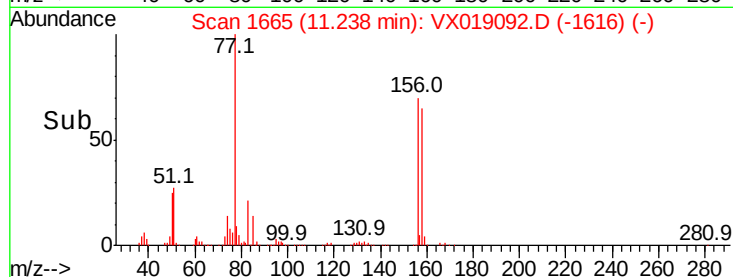
158 95.8 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.764 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019092.D

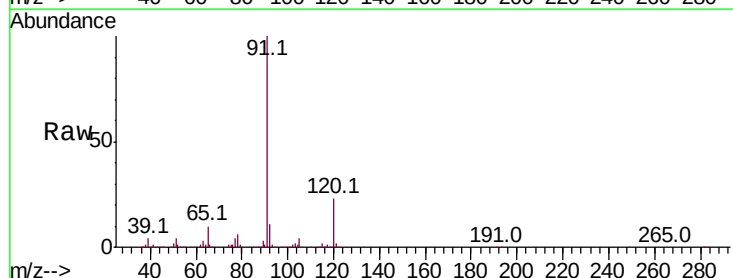
Acq: 23 Oct 2020 22:06

Tgt Ion: 91 Resp: 706096

Ion Ratio Lower Upper

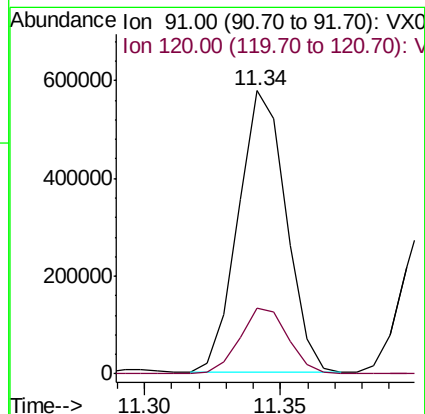
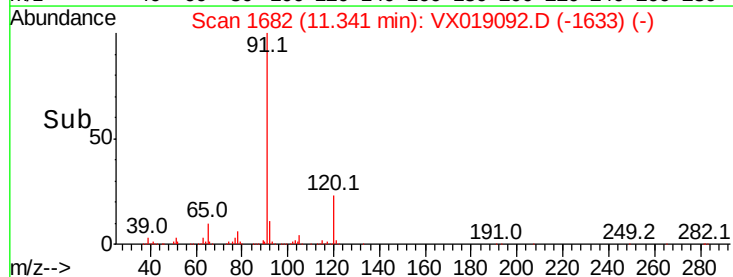
91 100

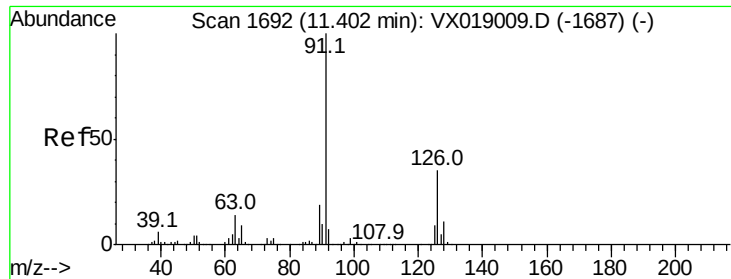
120 23.7 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

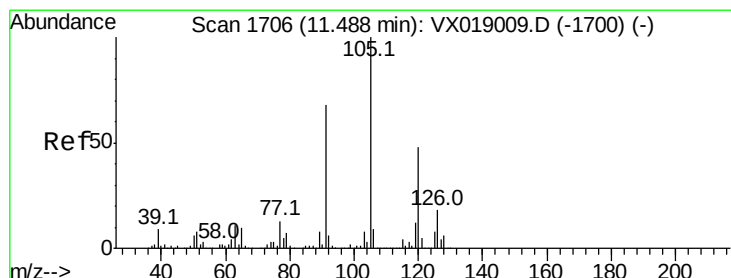
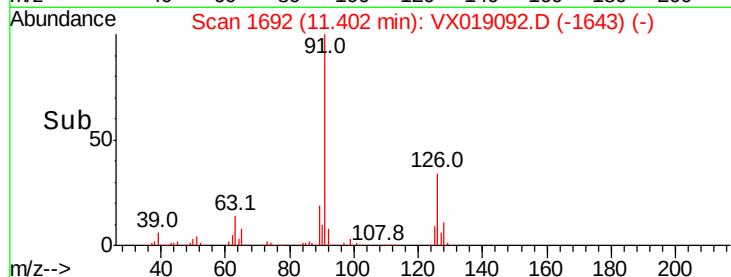
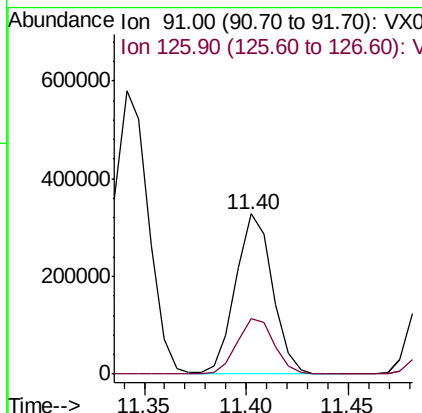
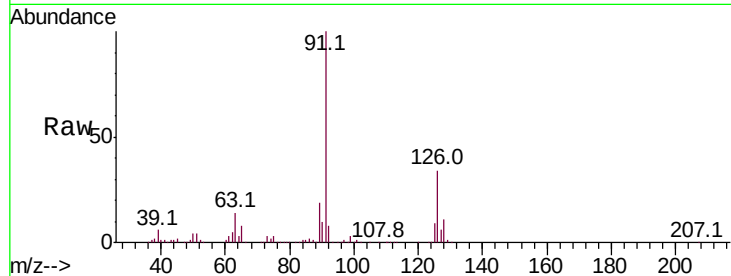




#79
 2-Chlorotoluene
 Concen: 49.308 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

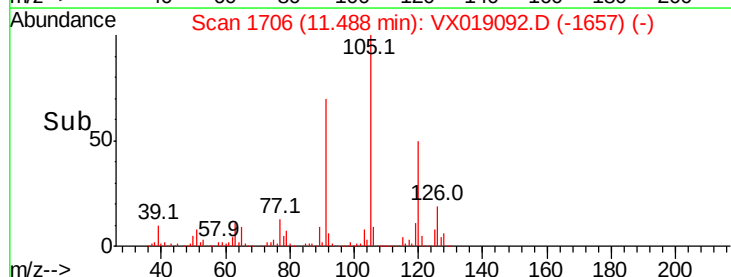
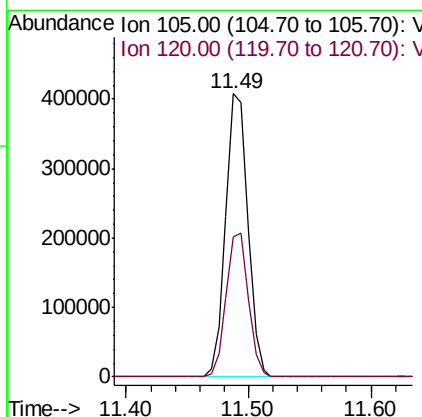
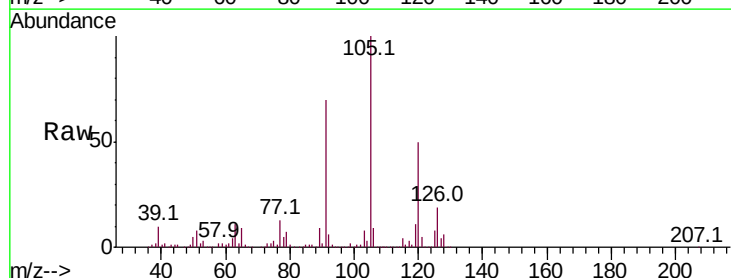
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

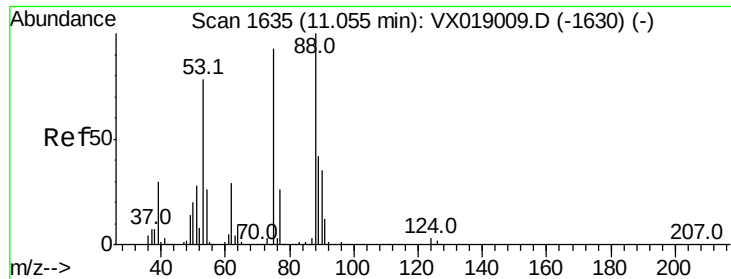
Tot Ion: 91 Resp: 408153
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 49.557 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

Tgt Ion: 105 Resp: 512439
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.2 75.6

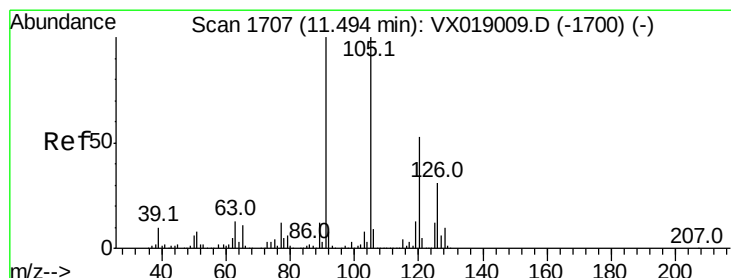
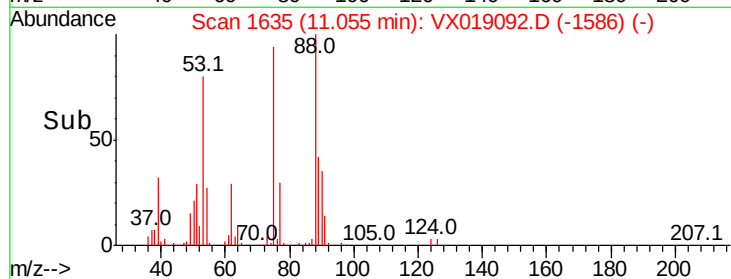
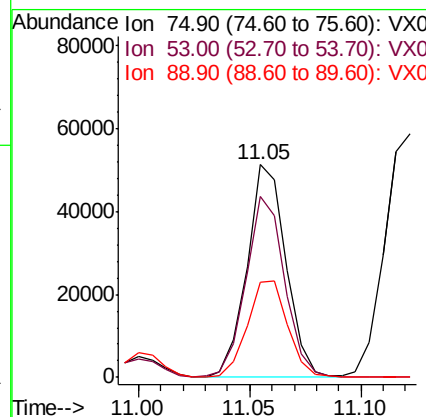
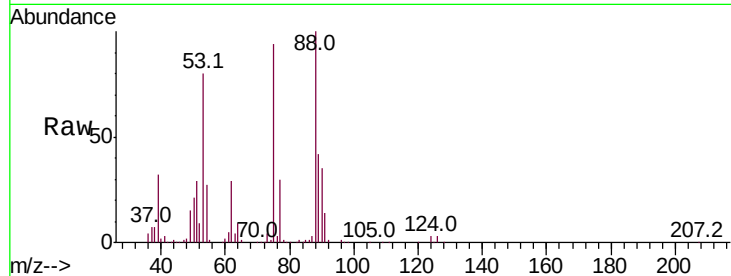




#81
trans-1,4-Dichloro-2-butene
Concen: 45.860 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

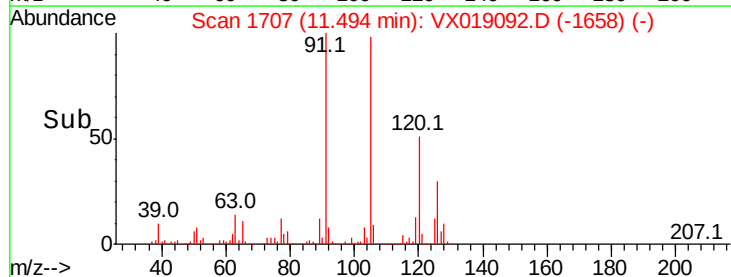
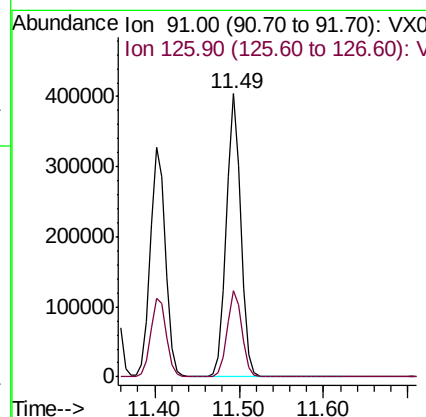
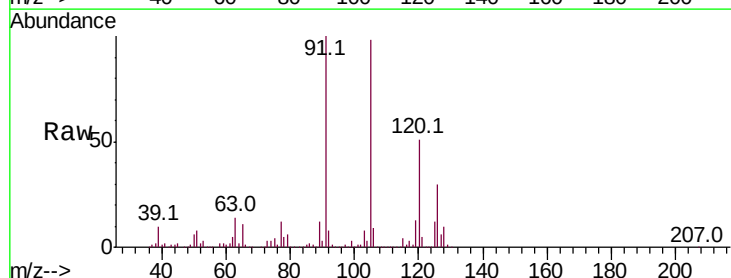
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

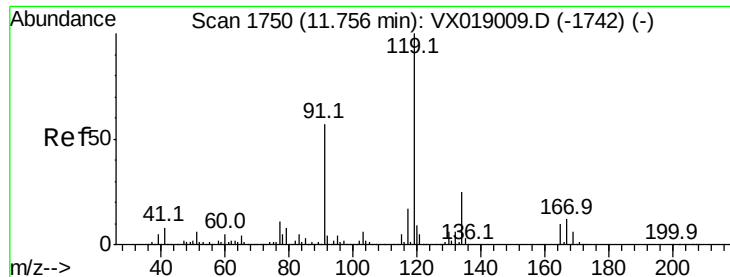
Tot Ion: 75 Resp: 62624
Ion Ratio Lower Upper
75 100
53 84.6 67.4 101.2
89 47.4 37.2 55.8



#82
4-Chlorotoluene
Concen: 49.047 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tgt Ion: 91 Resp: 483083
Ion Ratio Lower Upper
91 100
126 30.8 15.6 46.7

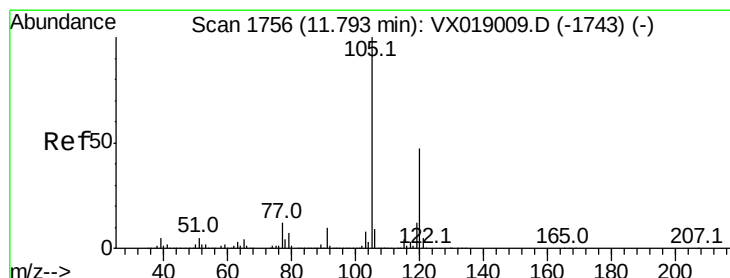
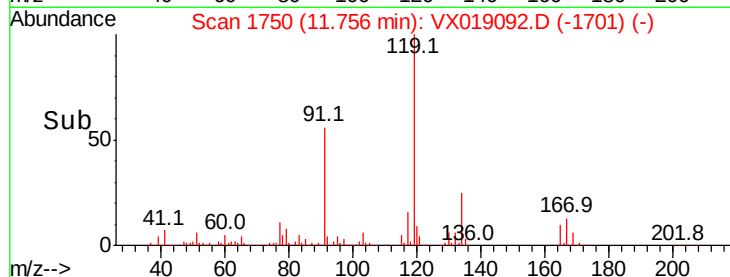
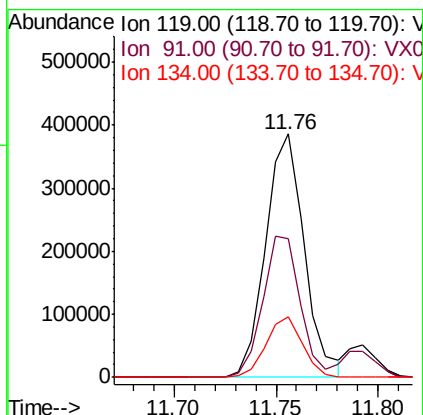
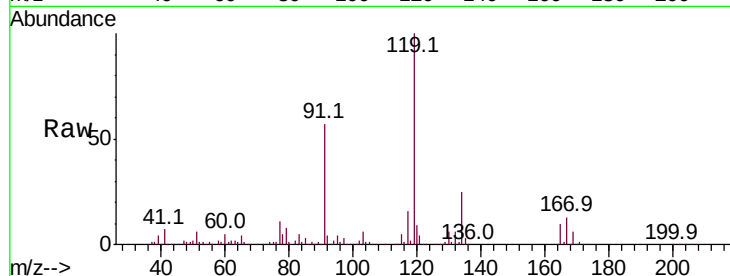




#83
tert-Butylbenzene
Concen: 50.125 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

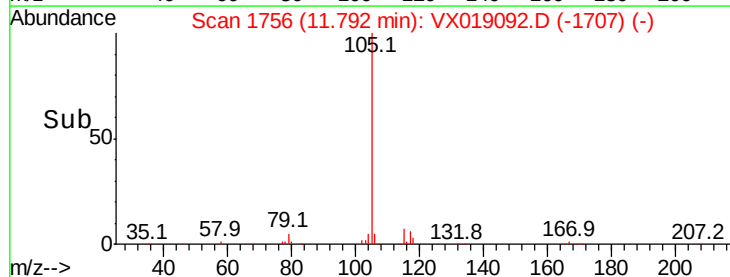
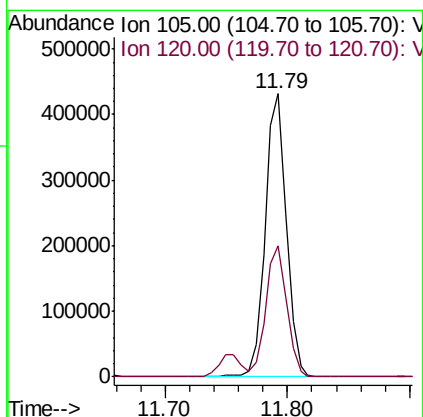
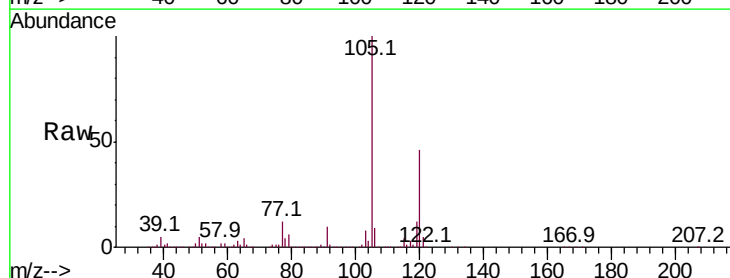
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

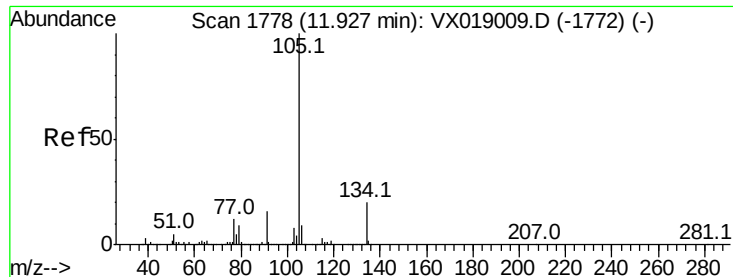
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.0	28.1	84.4
134	23.5	11.8	35.3



#84
1,2,4-Trimethylbenzene
Concen: 50.170 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.9	68.8

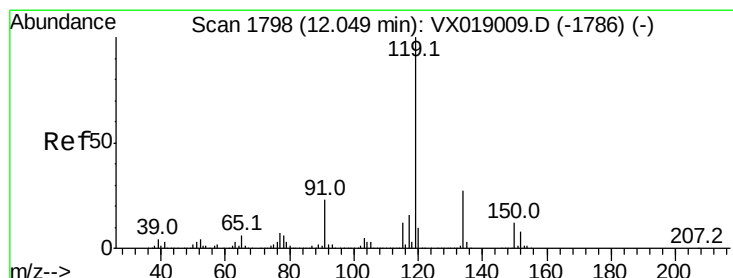
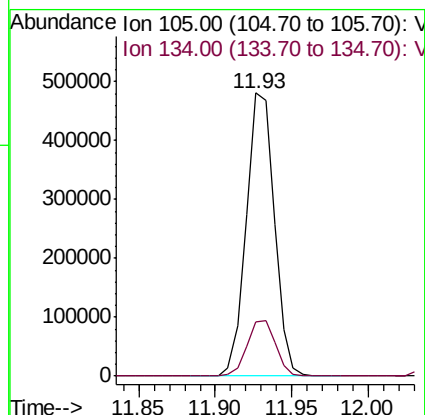
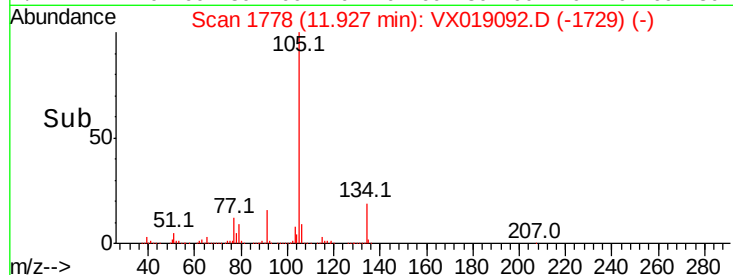
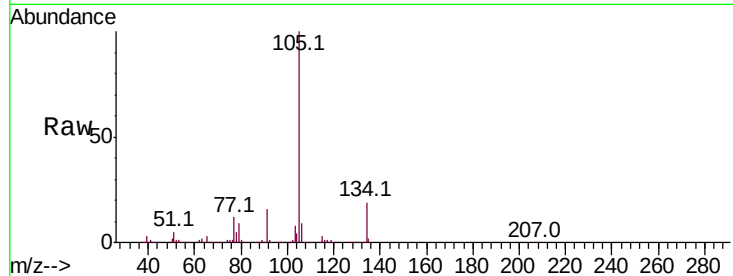




#85
 sec-Butylbenzene
 Concen: 49.743 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

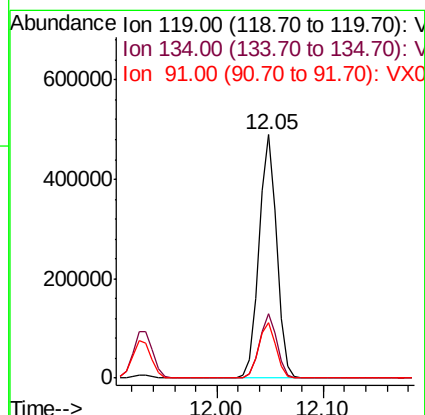
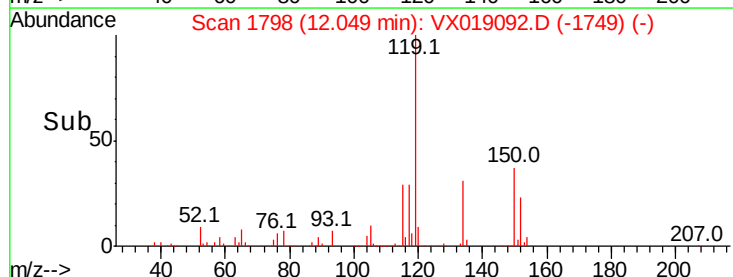
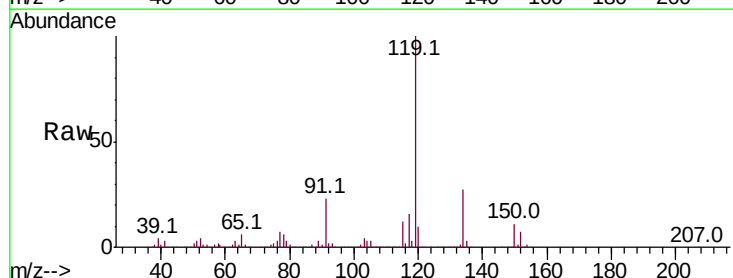
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

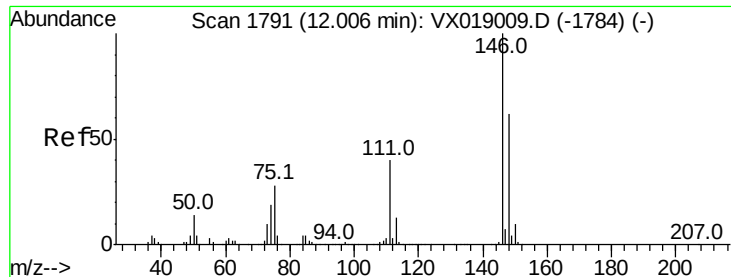
Tot Ion:105 Resp: 613166
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 50.561 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

Tgt Ion:119 Resp: 569469
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 22.8 11.4 34.2

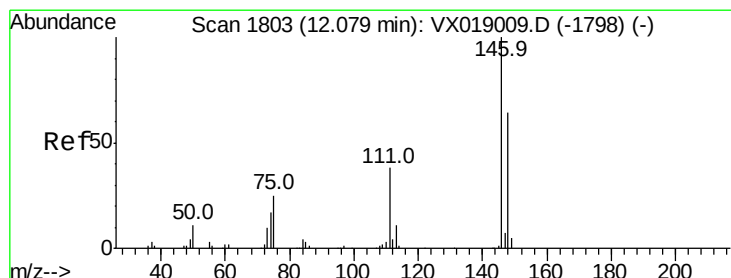
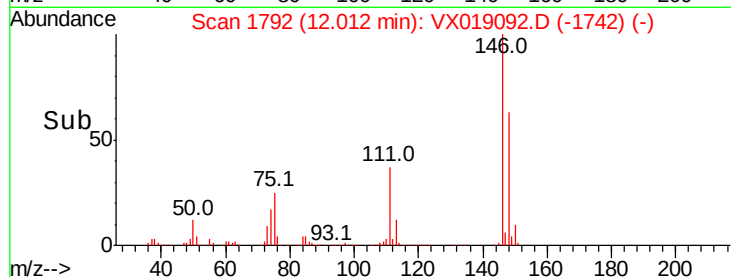
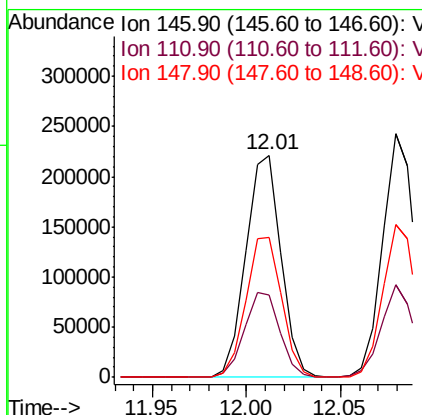
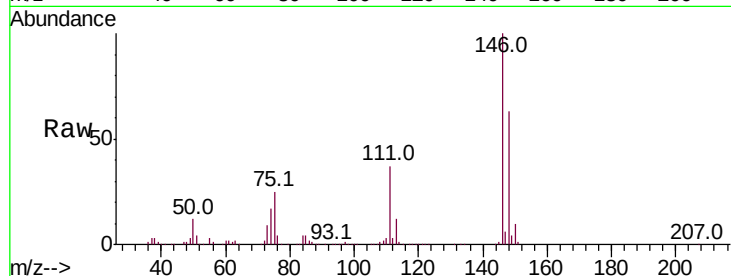




#87
 1,3-Dichlorobenzene
 Concen: 49.388 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

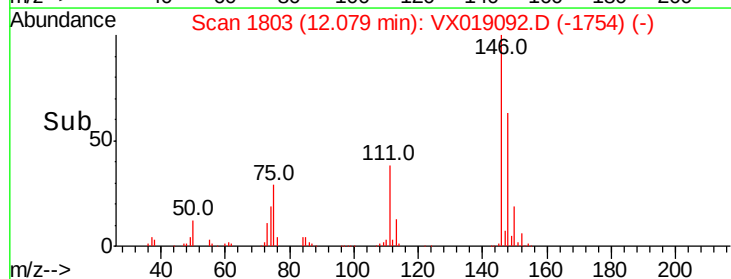
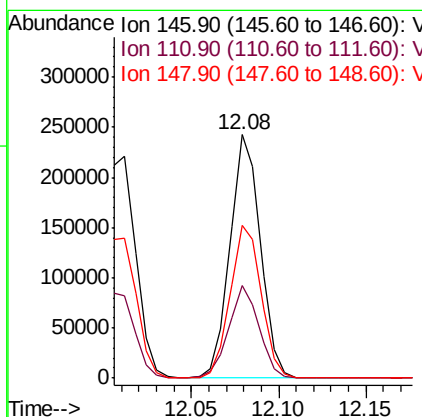
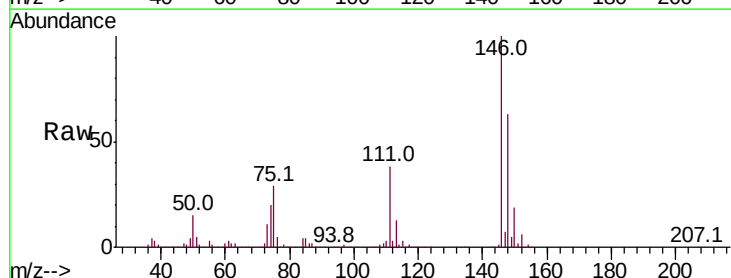
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

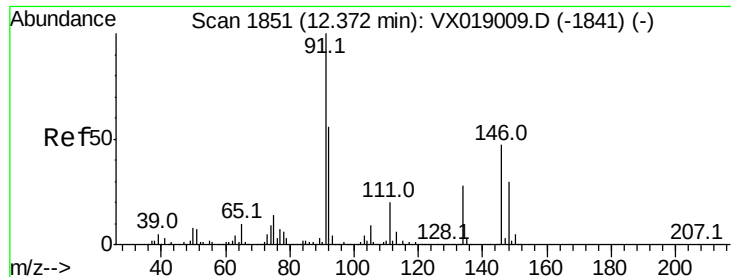
Tot Ion:146 Resp: 286509
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.7 59.1
 148 64.0 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 49.063 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

Tgt Ion:146 Resp: 292086
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.4 58.2
 148 64.5 32.2 96.6

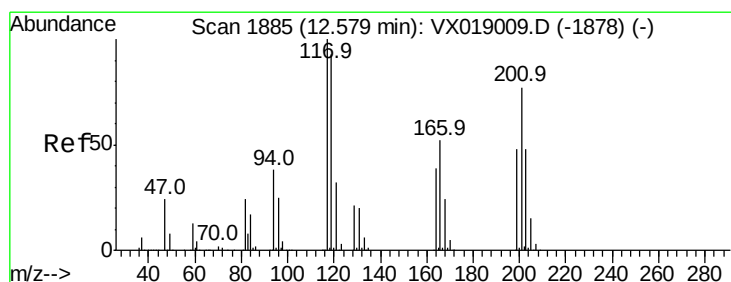
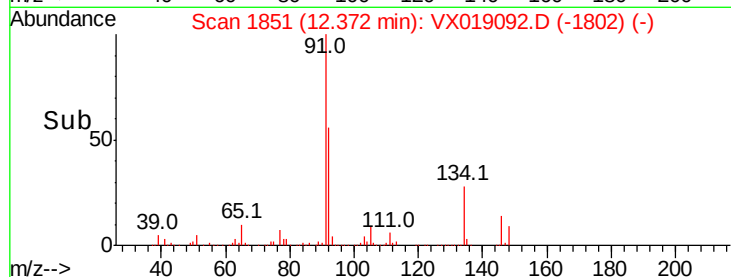
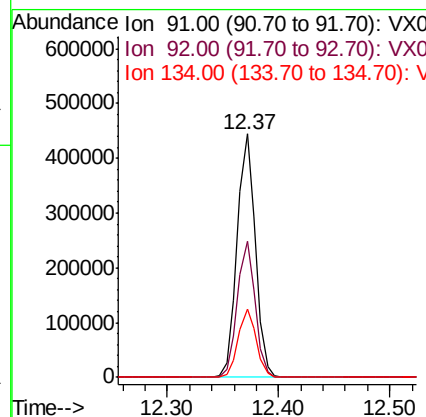
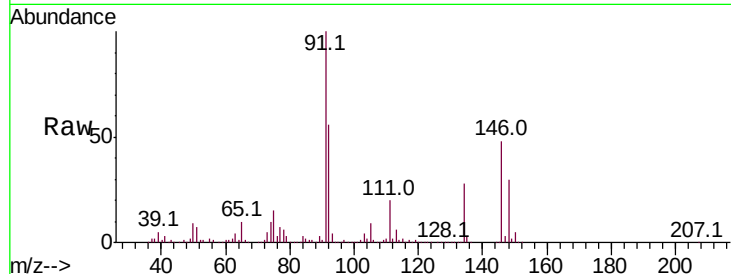




#89
n-Butylbenzene
Concen: 48.957 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

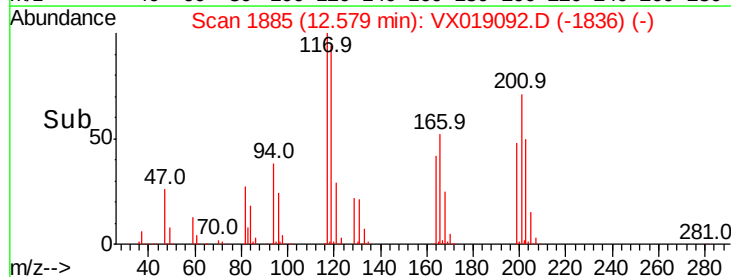
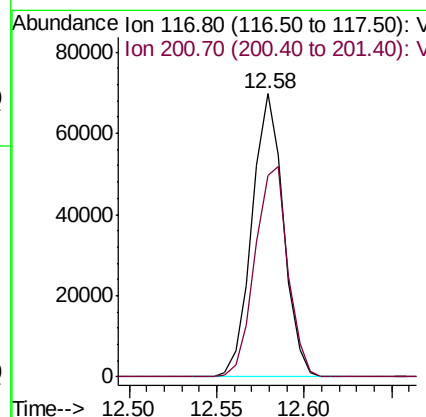
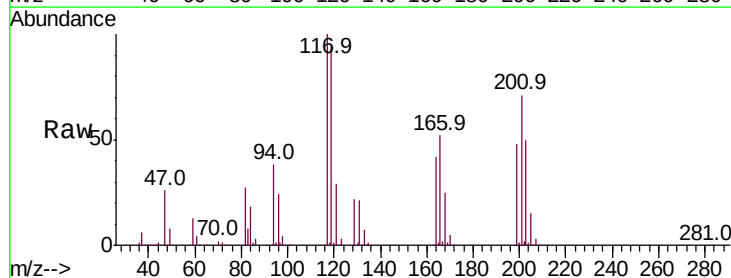
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

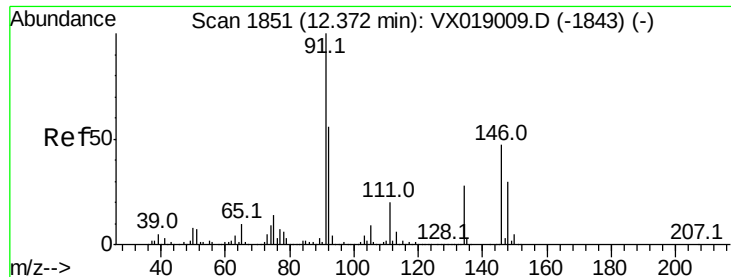
Tot Ion: 91 Resp: 504723
Ion Ratio Lower Upper
91 100
92 54.7 27.3 81.9
134 27.4 13.6 40.7



#90
Hexachloroethane
Concen: 50.504 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tgt Ion: 117 Resp: 87083
Ion Ratio Lower Upper
117 100
201 77.8 37.1 111.3

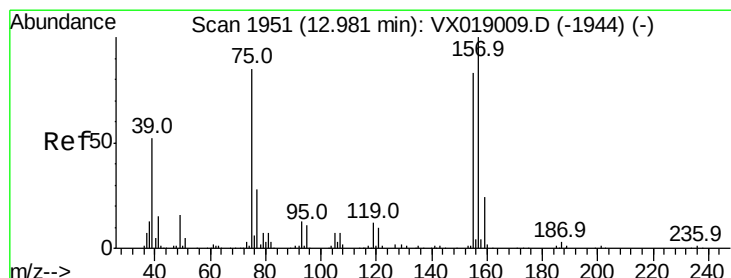
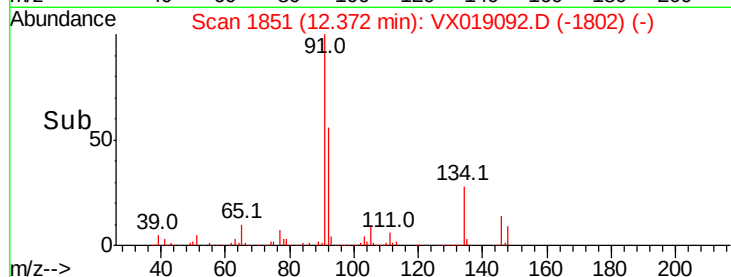
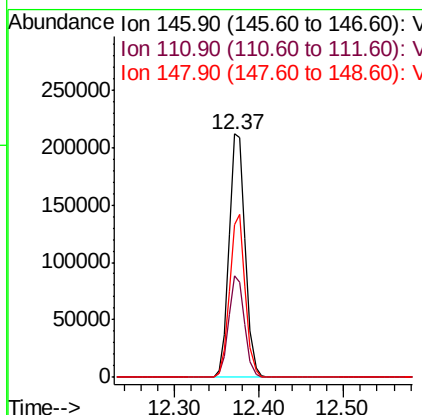
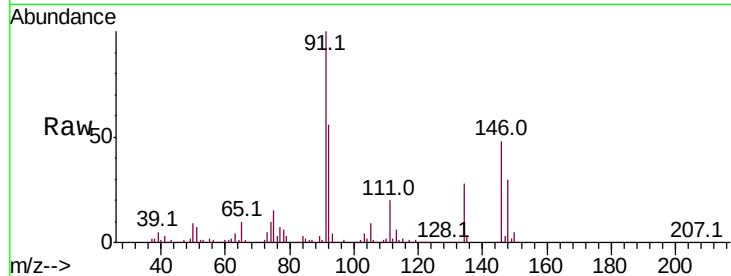




#91
 1,2-Dichlorobenzene
 Concen: 51.511 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

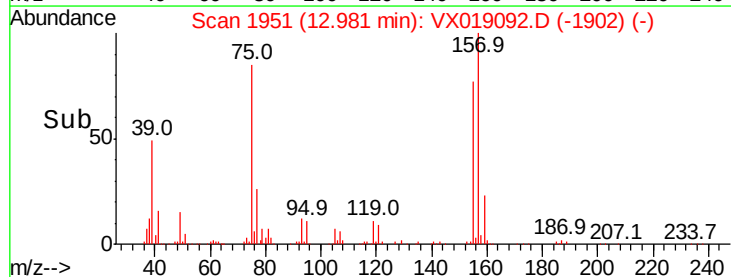
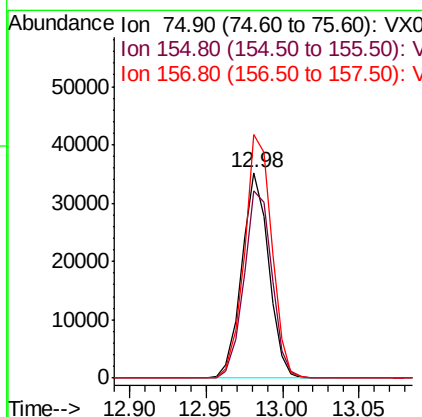
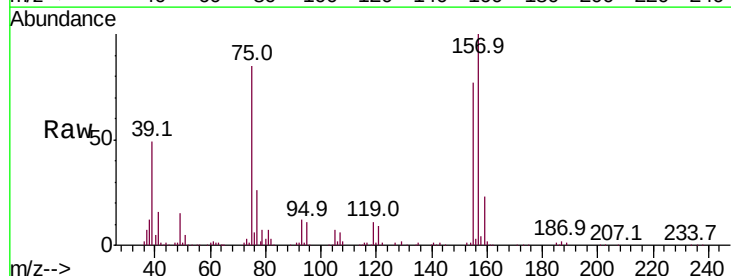
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

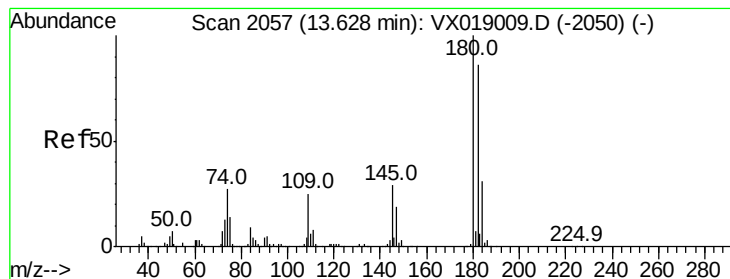
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.9	59.7
148	64.3	31.4	94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.994 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.6	47.3	142.0
157	120.4	59.7	179.0





#93

1,2,4-Trichlorobenzene

Concen: 48.241 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

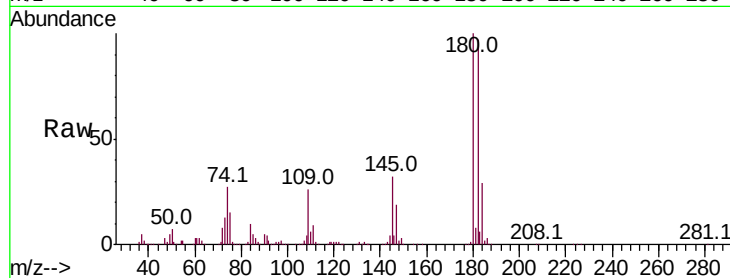
Tot Ion:180 Resp: 190895

Ion Ratio Lower Upper

180 100

182 96.2 46.4 139.2

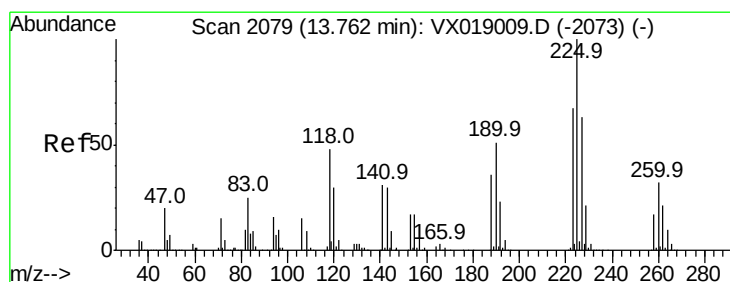
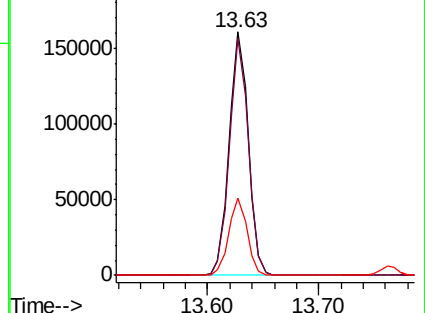
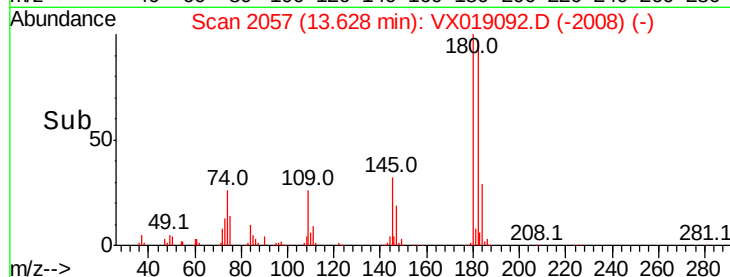
145 30.6 15.2 45.6



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: 43.493 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

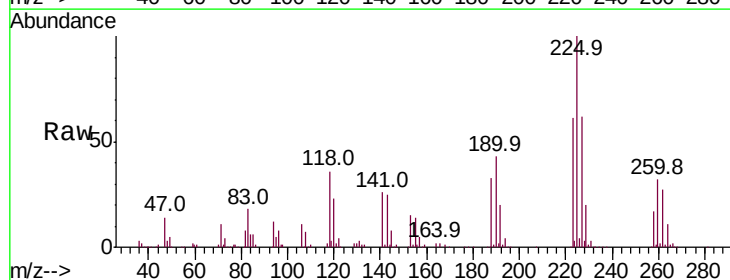
Tgt Ion:225 Resp: 79790

Ion Ratio Lower Upper

225 100

223 62.9 32.5 97.4

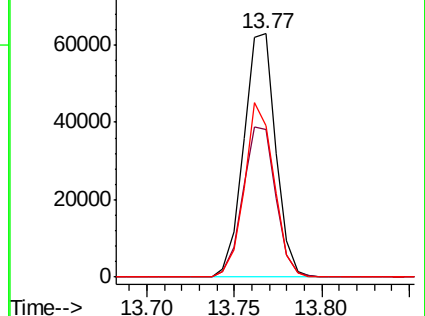
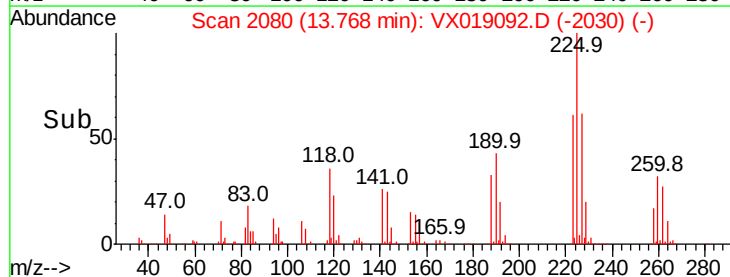
227 66.0 31.9 95.7

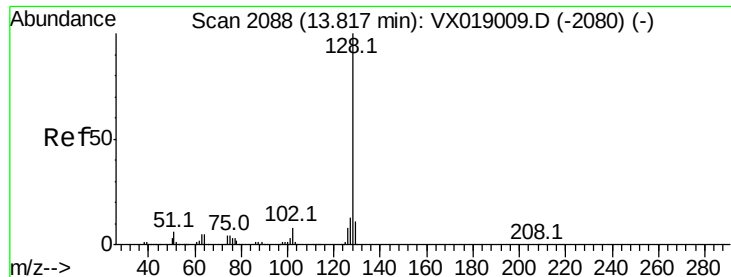


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

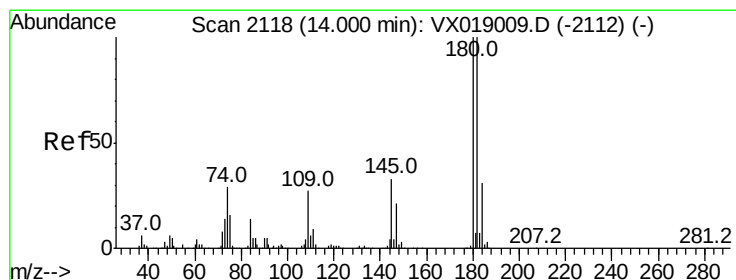
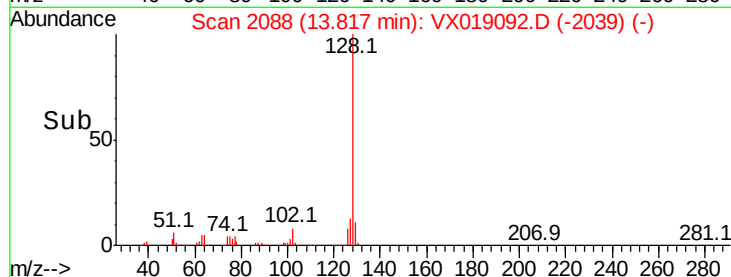
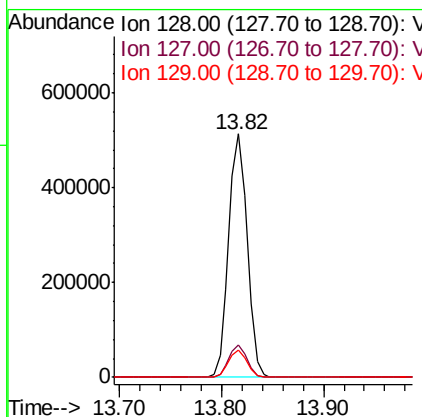
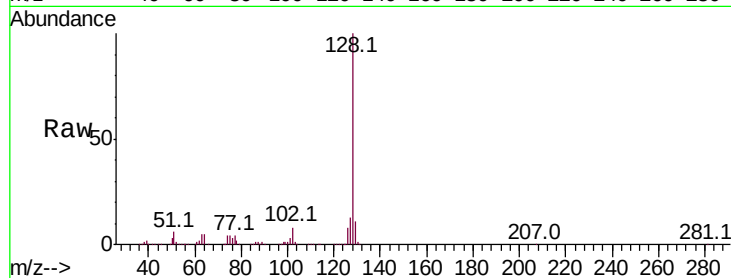




#95
Naphthalene
Concen: 51.776 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 644637
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.297 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tgt Ion:180 Resp: 193733
Ion Ratio Lower Upper
180 100
182 93.7 47.3 142.0
145 31.5 15.9 47.6

