

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070720\
 Data File : VX017219.D
 Acq On : 07 Jul 2020 21:33
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 08 01:56:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	284508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	426532	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	403331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	235111	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	171696	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
35) Dibromofluoromethane	5.46	113	140672	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
50) Toluene-d8	8.70	98	499720	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
62) 4-Bromofluorobenzene	11.12	95	203312	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	131411	47.743	ug/l	98
3) Chloromethane	1.31	50	136454	40.956	ug/l	99
4) Vinyl Chloride	1.39	62	138103	44.677	ug/l	99
5) Bromomethane	1.62	94	70213	42.992	ug/l	99
6) Chloroethane	1.70	64	88713	48.592	ug/l	99
7) Trichlorofluoromethane	1.91	101	246751	53.973	ug/l	98
8) Diethyl Ether	2.17	74	81767	53.133	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	142340	51.948	ug/l	97
10) Methyl Iodide	2.49	142	131785	37.273	ug/l	99
11) Tert butyl alcohol	3.02	59	169699	253.619	ug/l	98
12) 1,1-Dichloroethene	2.36	96	137667	48.908	ug/l	99
13) Acrolein	2.27	56	130417	326.057	ug/l	98
14) Allyl chloride	2.70	41	242767	46.668	ug/l	98
15) Acrylonitrile	3.12	53	406289	252.587	ug/l	99
16) Acetone	2.42	43	335649	255.812	ug/l	97
17) Carbon Disulfide	2.55	76	368019	46.854	ug/l	99
18) Methyl Acetate	2.75	43	183344	53.528	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	501610	53.097	ug/l	98
20) Methylene Chloride	2.83	84	159622	53.093	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	156015	49.945	ug/l	98
22) Diisopropyl ether	3.82	45	490325	50.927	ug/l	100
23) Vinyl Acetate	3.78	43	2152527	260.173	ug/l	99
24) 1,1-Dichloroethane	3.67	63	278679	50.870	ug/l	100
25) 2-Butanone	4.64	43	552198	252.574	ug/l	100
26) 2,2-Dichloropropane	4.55	77	223558	45.960	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	171958	48.584	ug/l	99
28) Bromochloromethane	4.98	49	111499	41.825	ug/l	96
29) Tetrahydrofuran	5.09	42	356779	246.987	ug/l	98
30) Chloroform	5.18	83	293924	52.339	ug/l	98
31) Cyclohexane	5.55	56	224290	47.366	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	268689	51.952	ug/l	99
36) 1,1-Dichloropropene	5.77	75	208032	51.605	ug/l	99
37) Ethyl Acetate	4.80	43	216292	52.881	ug/l	99
38) Carbon Tetrachloride	5.76	117	249815	56.263	ug/l	99

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 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 08 01:56:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	225675	50.315	ug/l	98
40) Benzene	6.11	78	616183	52.023	ug/l	98
41) Methacrylonitrile	5.01	41	120135	52.187	ug/l	98
42) 1,2-Dichloroethane	6.17	62	236128	55.192	ug/l	99
43) Isopropyl Acetate	6.42	43	350698	51.599	ug/l	99
44) Trichloroethene	7.19	130	180696	55.317	ug/l	97
45) 1,2-Dichloropropane	7.49	63	160412	52.730	ug/l	97
46) Dibromomethane	7.64	93	112656	54.241	ug/l	96
47) Bromodichloromethane	7.88	83	239173	55.879	ug/l	99
48) Methyl methacrylate	7.74	41	174598	54.071	ug/l	95
49) 1,4-Dioxane	7.71	88	77415	1058.261	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1111682	274.391	ug/l	100
52) Toluene	8.76	92	394723	53.377	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	255943	54.196	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	265180	52.382	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	165604	54.811	ug/l	99
56) Ethyl methacrylate	9.16	69	240164	55.846	ug/l	99
57) 1,3-Dichloropropane	9.35	76	271977	53.198	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	564341	263.676	ug/l	98
59) 2-Hexanone	9.48	43	839333	283.662	ug/l	100
60) Dibromochloromethane	9.57	129	202555	57.721	ug/l	99
61) 1,2-Dibromoethane	9.65	107	179789	55.359	ug/l	99
64) Tetrachloroethene	9.32	164	170729	52.449	ug/l	96
65) Chlorobenzene	10.12	112	437364	52.540	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	178826	55.741	ug/l	99
67) Ethyl Benzene	10.23	91	758812	54.583	ug/l	99
68) m/p-Xylenes	10.34	106	587498	110.061	ug/l	98
69) o-Xylene	10.68	106	278648	54.874	ug/l	99
70) Styrene	10.70	104	496124	57.374	ug/l	99
71) Bromoform	10.84	173	157262	61.816	ug/l	99
73) Isopropylbenzene	11.00	105	760319	49.371	ug/l	99
74) N-amyl acetate	10.88	43	322603	49.094	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	238711	49.278	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	294992	63.805	ug/l	86
77) Bromobenzene	11.24	156	214309	50.634	ug/l	95
78) n-propylbenzene	11.34	91	870135	49.965	ug/l	99
79) 2-Chlorotoluene	11.40	91	530970	50.378	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	661053	51.750	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	85753	48.032	ug/l	96
82) 4-Chlorotoluene	11.49	91	637139	50.568	ug/l	99
83) tert-Butylbenzene	11.76	119	652887	52.066	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	681386	52.579	ug/l	100
85) sec-Butylbenzene	11.93	105	747440	50.709	ug/l	100
86) p-Isopropyltoluene	12.05	119	723871	52.754	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	384882	50.069	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	387868	53.518	ug/l	99
89) n-Butylbenzene	12.37	91	598597	48.857	ug/l	100
90) Hexachloroethane	12.58	117	137770	50.914	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	362322	50.425	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55717	48.215	ug/l	95

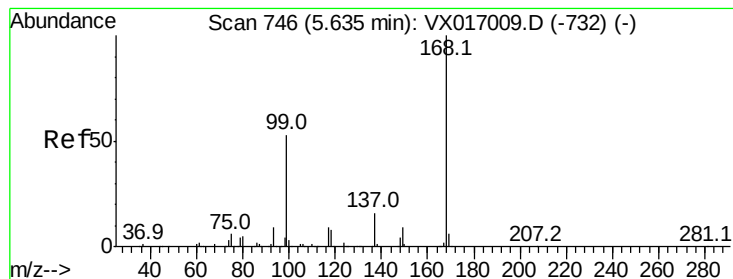
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070720\
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Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	245317	50.020	ug/l	99
94) Hexachlorobutadiene	13.76	225	90917	48.865	ug/l	98
95) Naphthalene	13.82	128	787236	52.799	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	242253	51.041	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

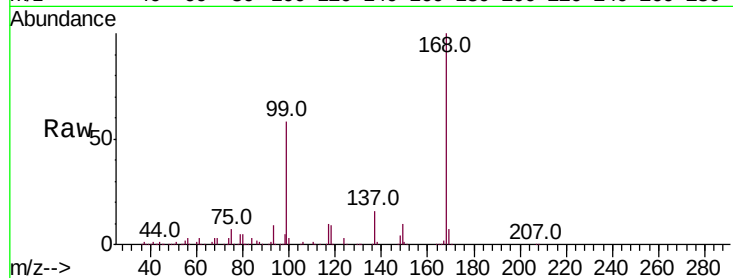
VSTDCCC050

Tot Ion:168 Resp: 284508

Ion Ratio Lower Upper

168 100

99 58.1 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

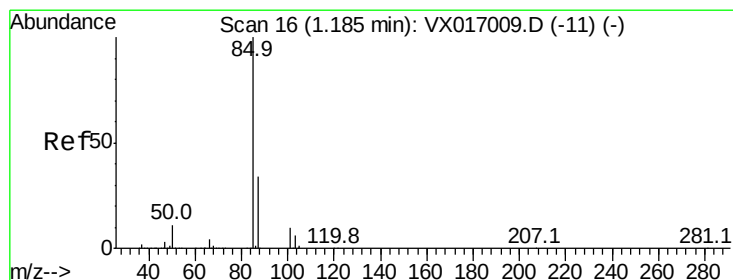
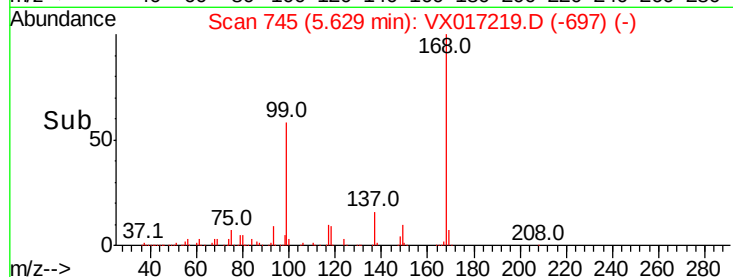
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.743 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017219.D

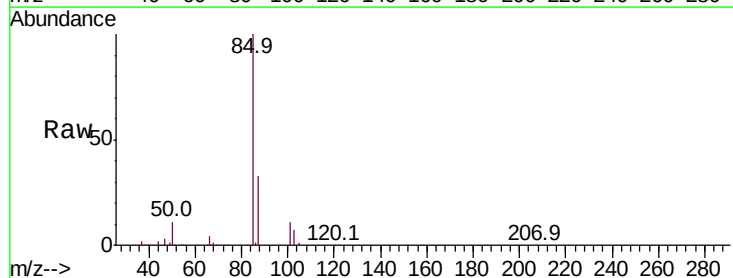
Acq: 07 Jul 2020 21:33

Tgt Ion: 85 Resp: 131411

Ion Ratio Lower Upper

85 100

87 32.7 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

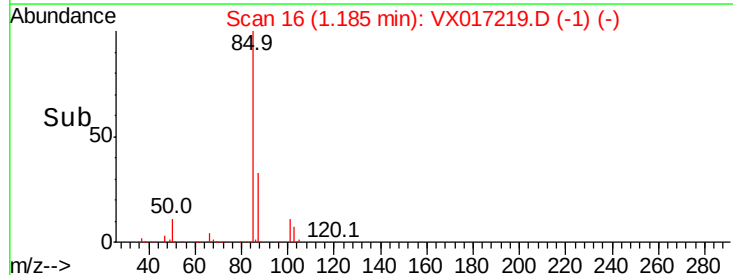
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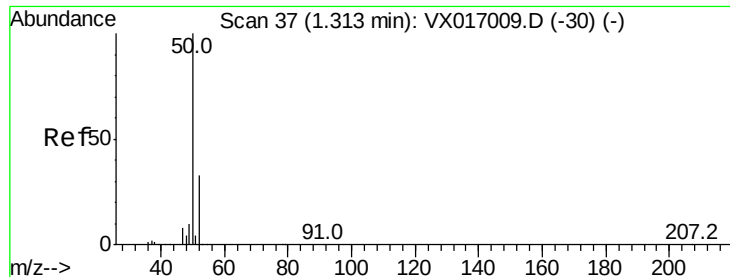
100000

50000

0

Time-->





#3

Chloromethane

Concen: 40.956 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

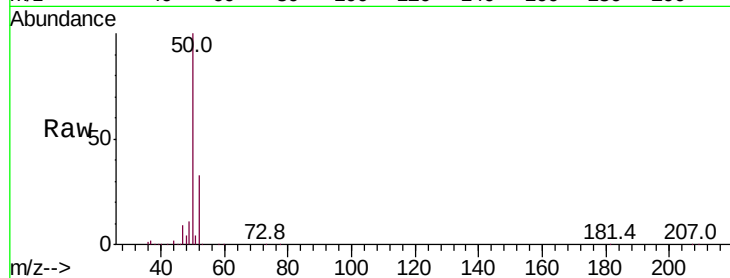
VSTDCCC050

Tot Ion: 50 Resp: 136454

Ion Ratio Lower Upper

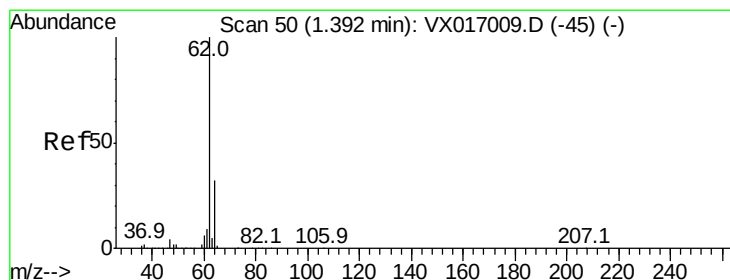
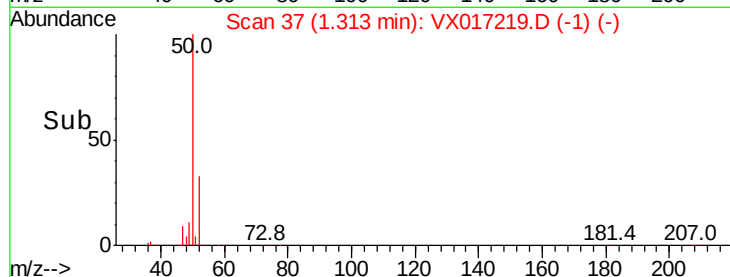
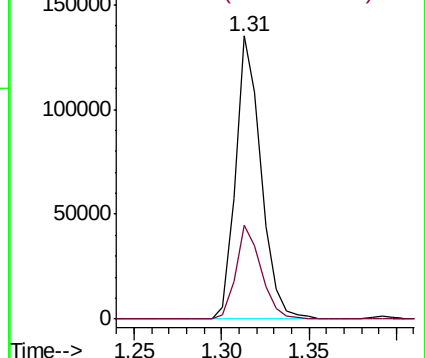
50 100

52 33.3 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.677 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017219.D

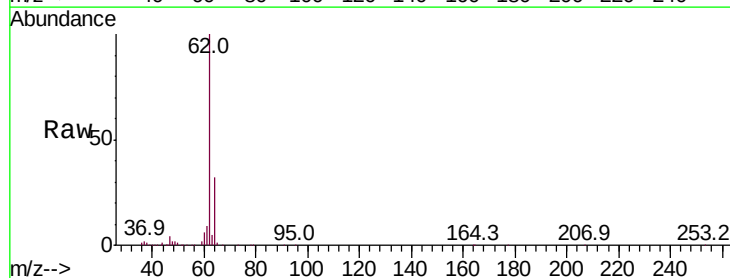
Acq: 07 Jul 2020 21:33

Tgt Ion: 62 Resp: 138103

Ion Ratio Lower Upper

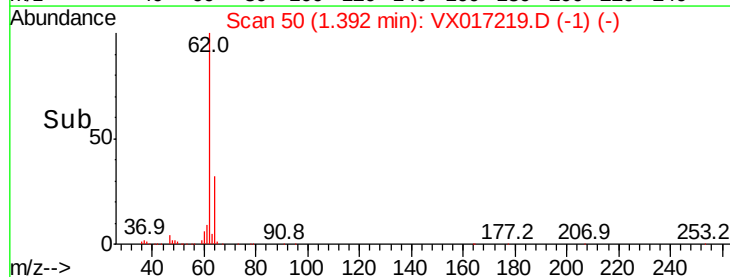
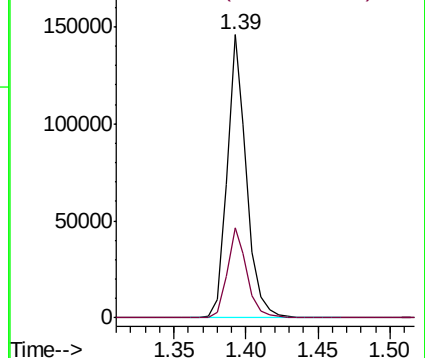
62 100

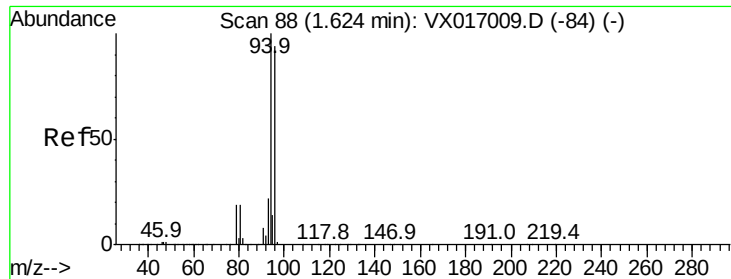
64 31.6 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

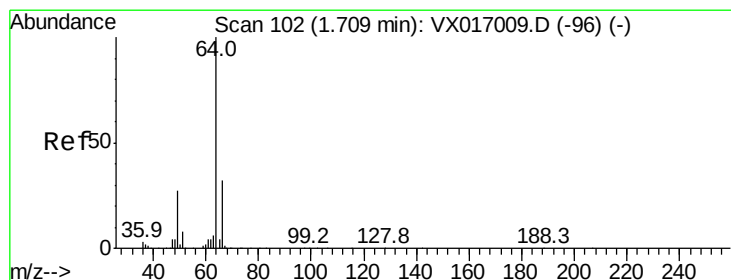
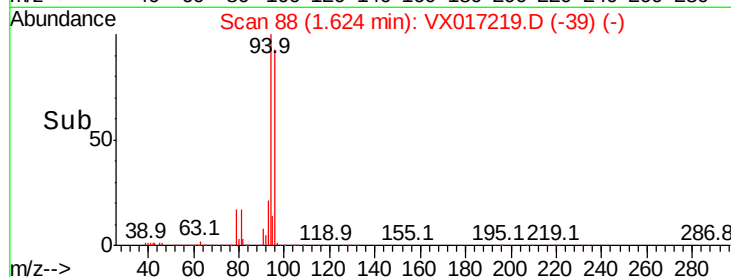
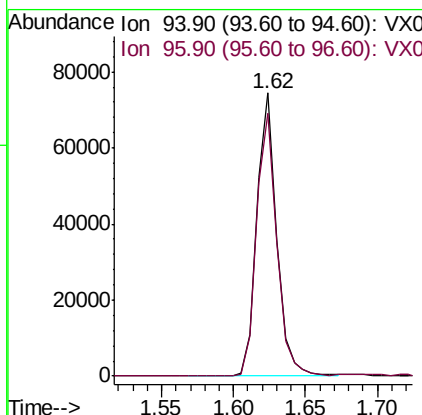
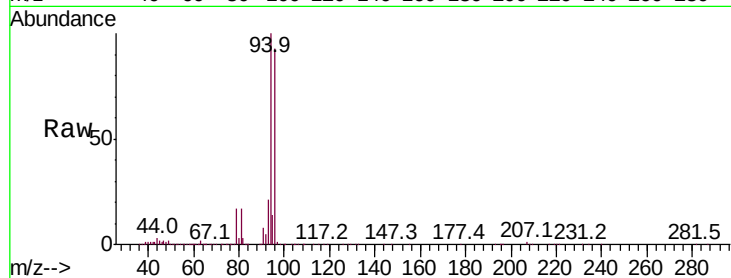




#5
Bromomethane
Concen: 42.992 ug/l
RT: 1.62 min Scan# 88
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

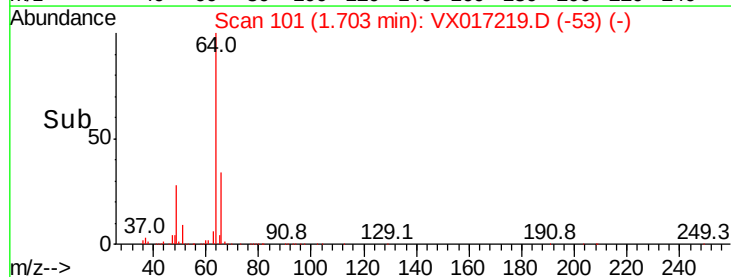
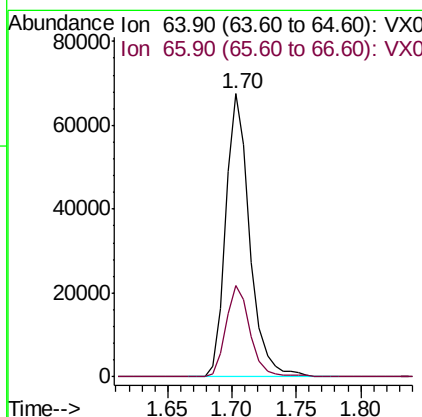
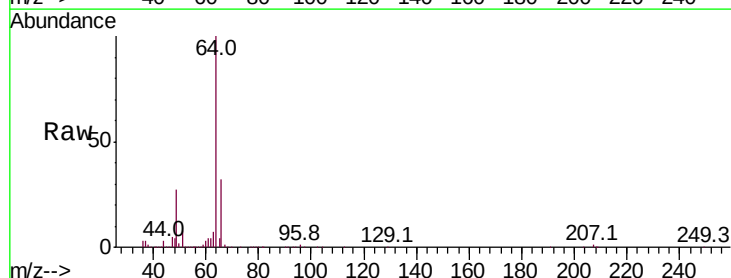
Instrument :
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VSTDCCC050

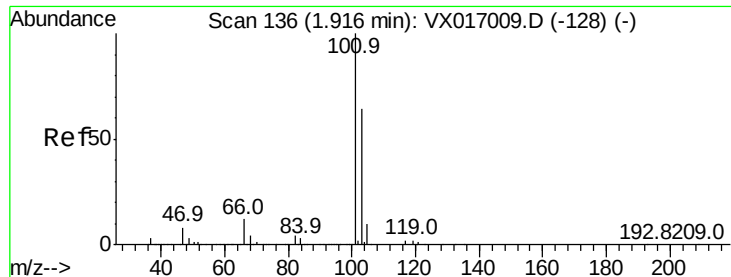
Tot Ion: 94 Resp: 70213
Ion Ratio Lower Upper
94 100
96 93.0 75.0 112.4



#6
Chloroethane
Concen: 48.592 ug/l
RT: 1.70 min Scan# 101
Delta R.T. -0.01 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Tgt Ion: 64 Resp: 88713
Ion Ratio Lower Upper
64 100
66 32.4 25.5 38.3



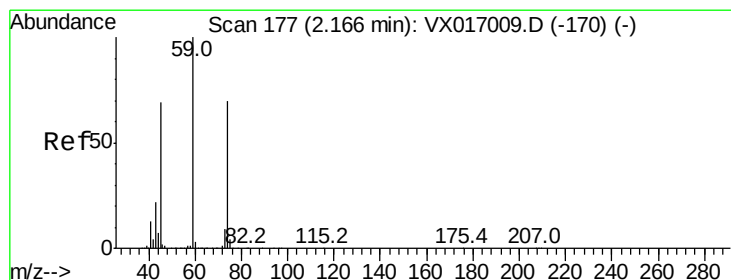
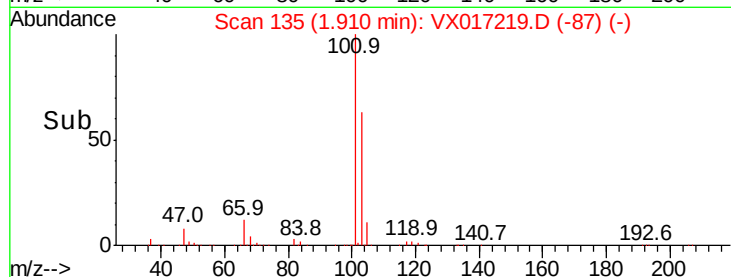
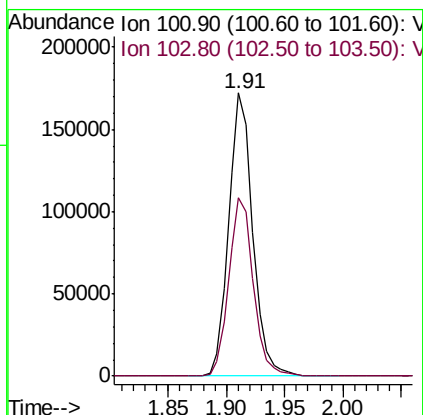
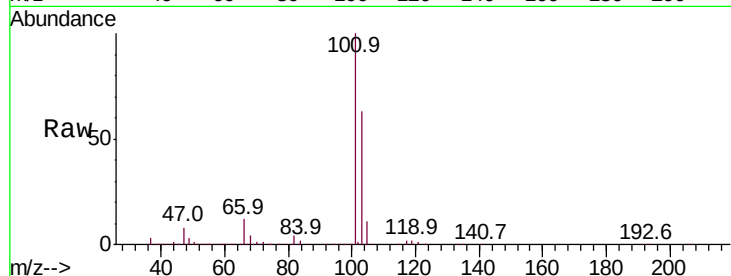


#7

Trichlorofluoromethane
Concen: 53.973 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

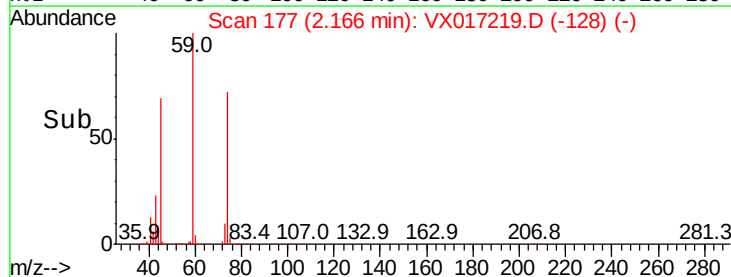
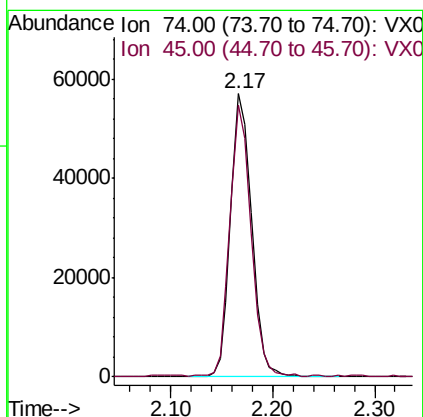
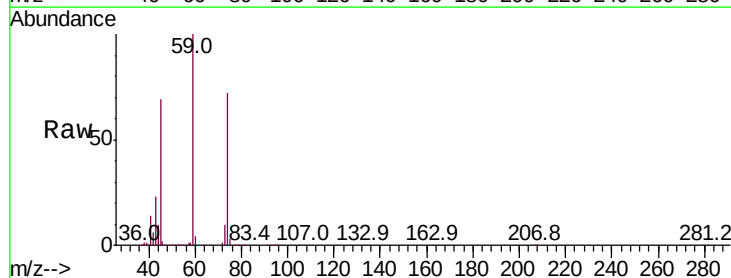
Tot Ion:101 Resp: 246751
Ion Ratio Lower Upper
101 100
103 63.2 51.5 77.3

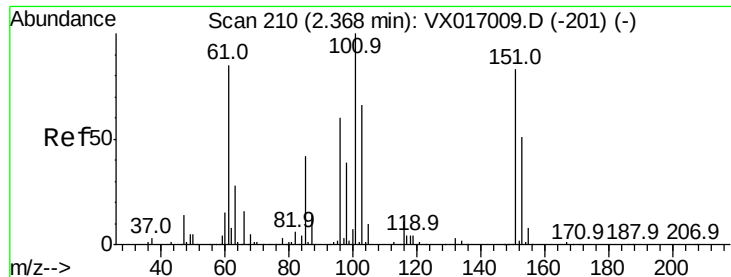


#8

Diethyl Ether
Concen: 53.133 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Tgt Ion: 74 Resp: 81767
Ion Ratio Lower Upper
74 100
45 95.1 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.948 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

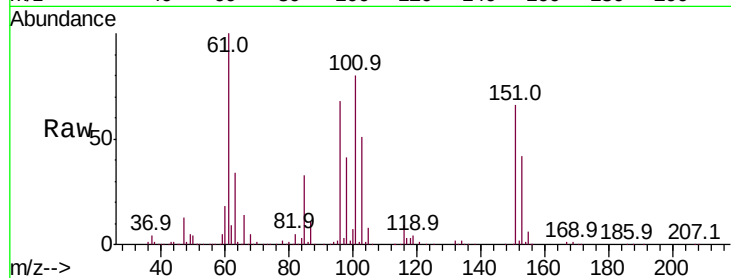
Tot Ion:101 Resp: 142340

Ion Ratio Lower Upper

101 100

85 42.9 33.5 50.3

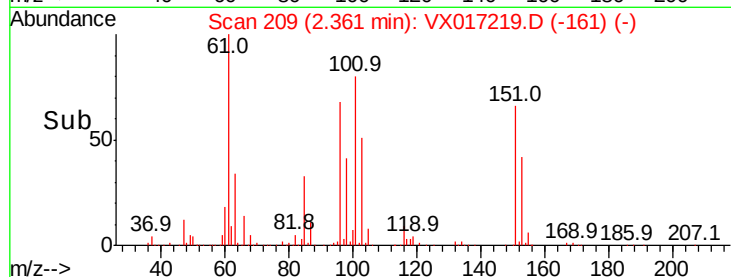
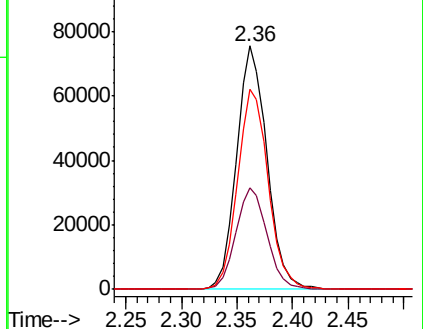
151 83.2 63.8 95.6



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: 37.273 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

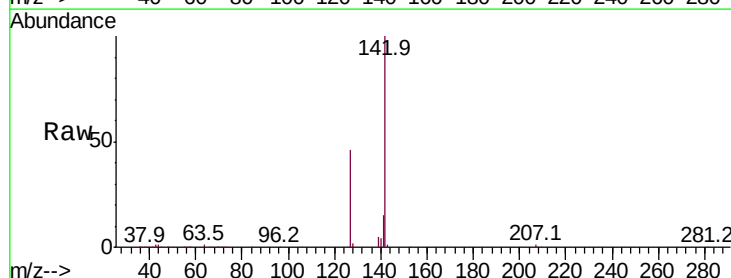
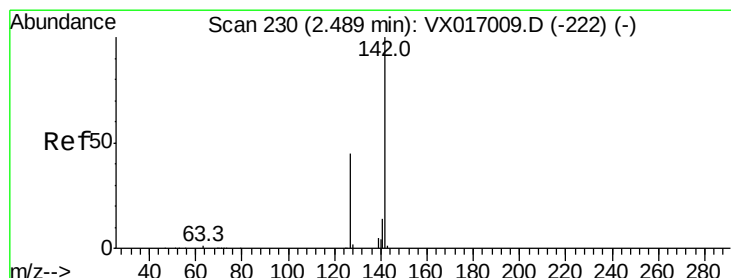
Tgt Ion:142 Resp: 131785

Ion Ratio Lower Upper

142 100

127 46.2 36.6 54.8

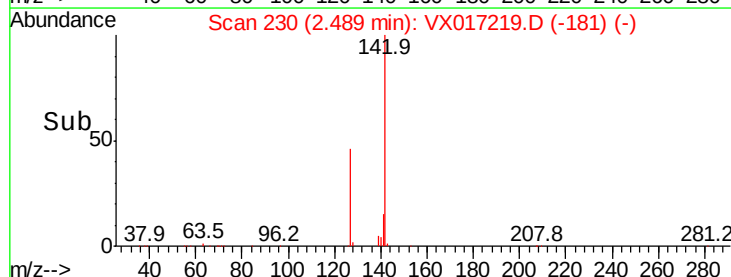
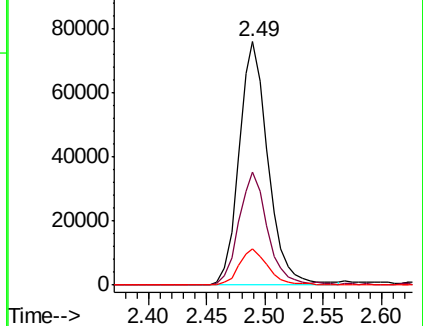
141 14.4 11.6 17.4

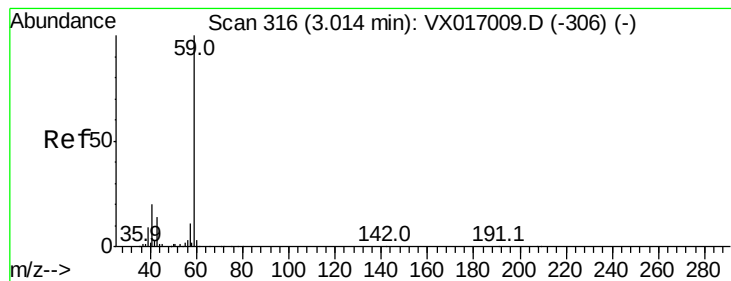


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



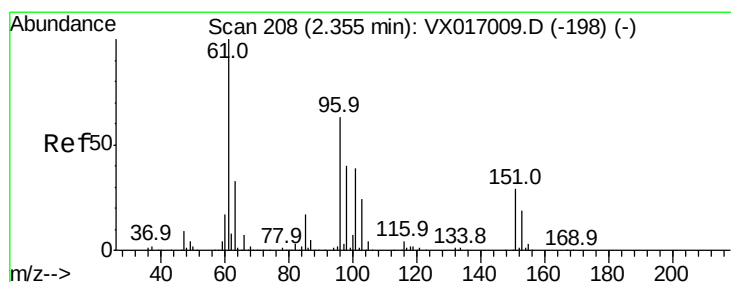
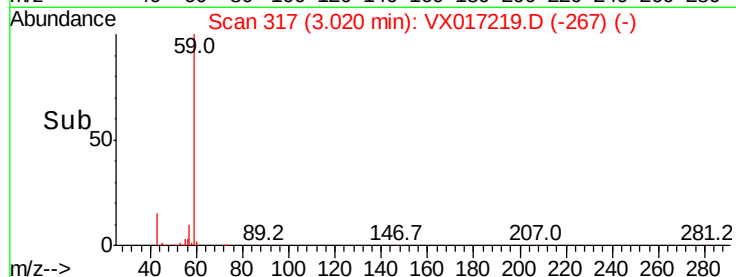
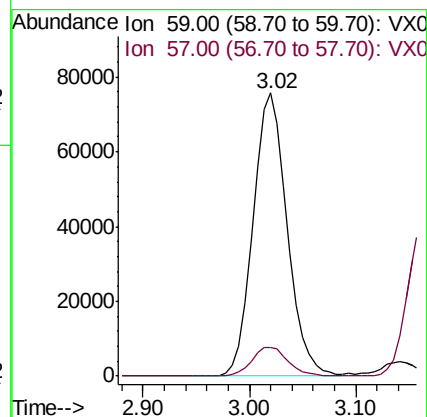
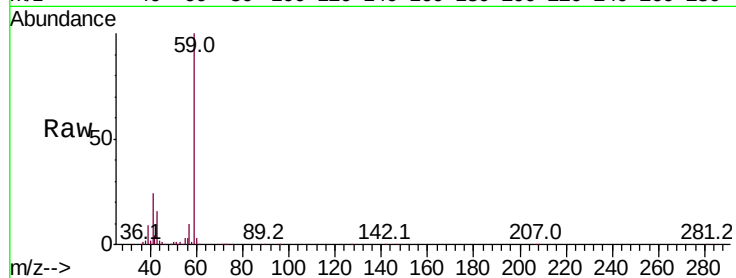


#11

Tert butyl alcohol
 Concen: 253.619 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: VX017219.D
 Acq: 07 Jul 2020 21:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

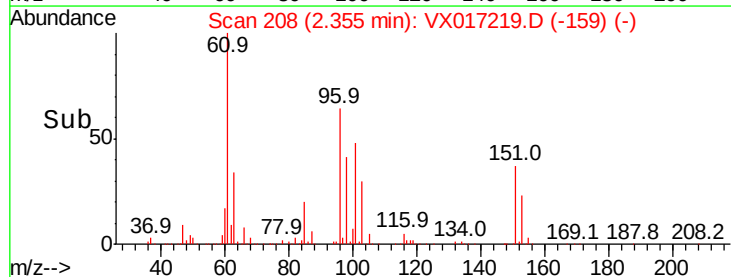
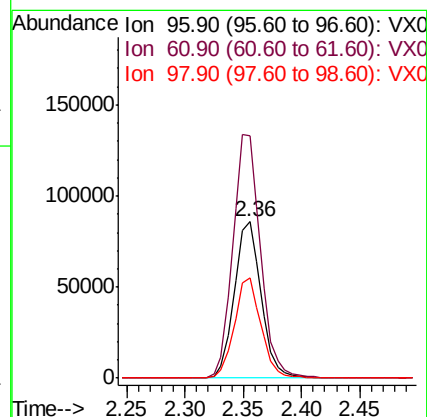
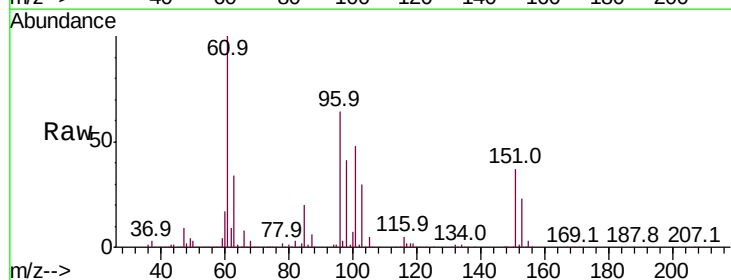
Tot Ion: 59 Resp: 169699
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.2 12.2

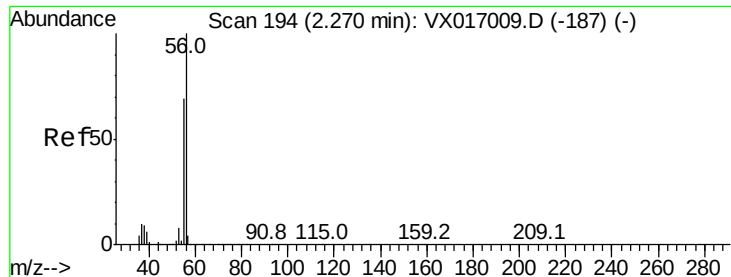


#12

1,1-Dichloroethene
 Concen: 48.908 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX017219.D
 Acq: 07 Jul 2020 21:33

Tgt Ion: 96 Resp: 137667
 Ion Ratio Lower Upper
 96 100
 61 155.7 126.3 189.5
 98 64.5 51.0 76.6





#13

Acrolein

Concen: 326.057 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

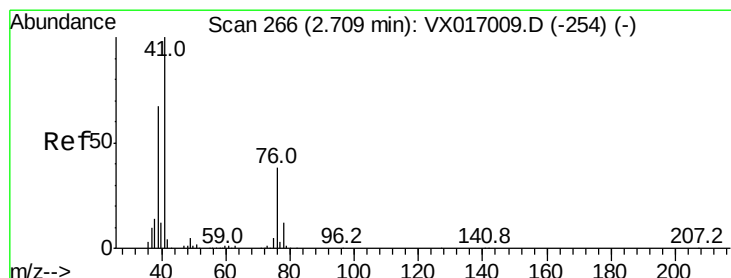
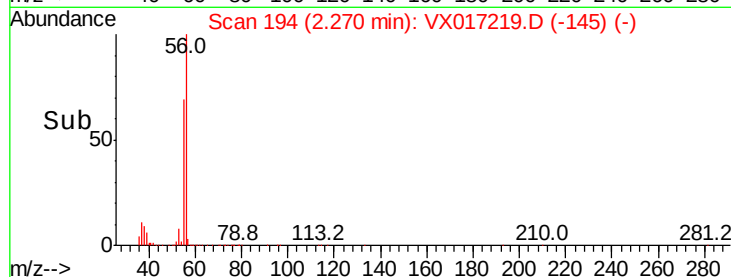
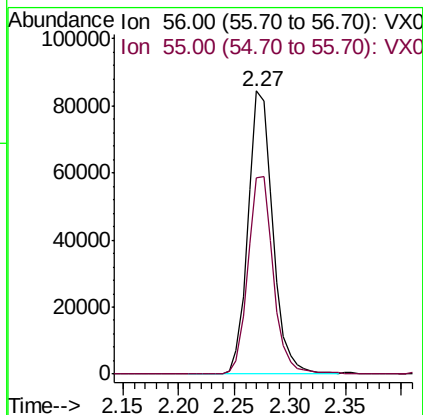
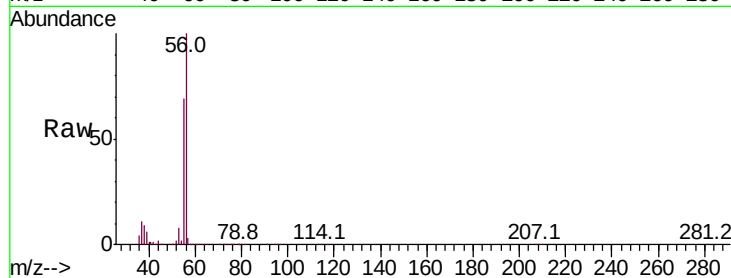
VSTDCCC050

Tot Ion: 56 Resp: 130417

Ion Ratio Lower Upper

56 100

55 71.2 55.7 83.5



#14

Allyl chloride

Concen: 46.668 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

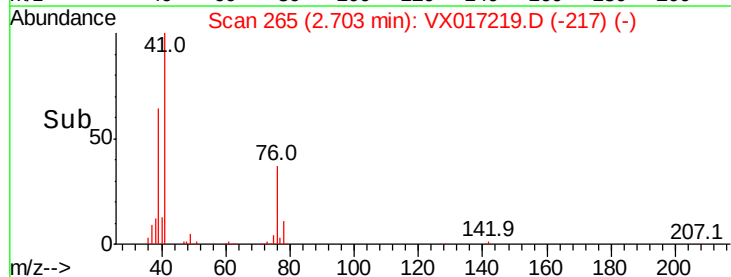
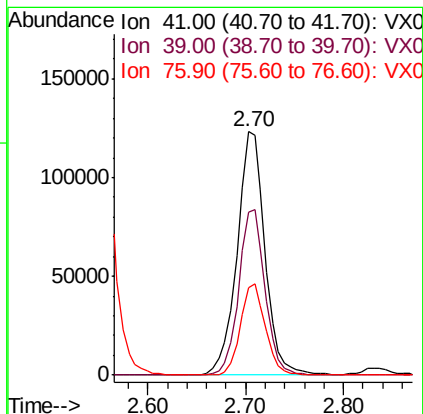
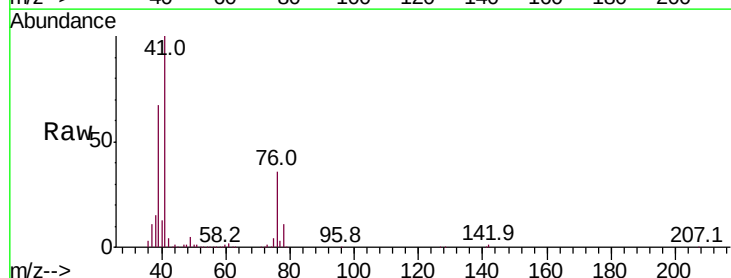
Tgt Ion: 41 Resp: 242767

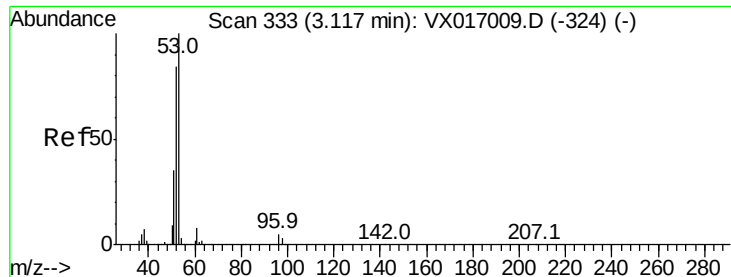
Ion Ratio Lower Upper

41 100

39 64.4 49.4 74.2

76 33.6 26.8 40.2





#15

Acrylonitrile

Concen: 252.587 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

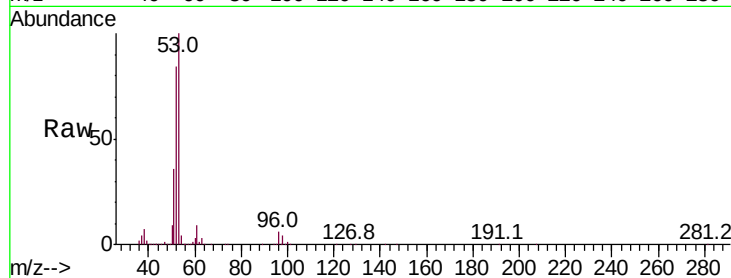
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 406289

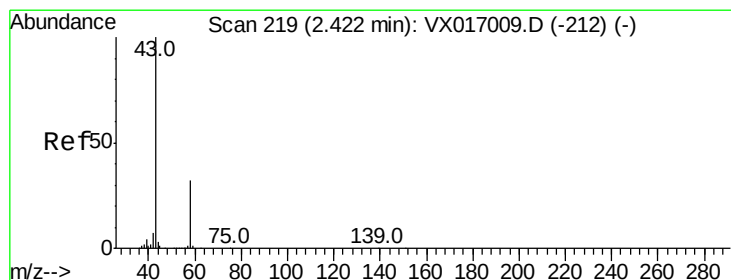
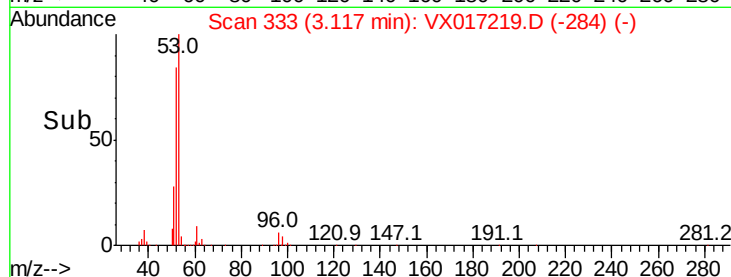
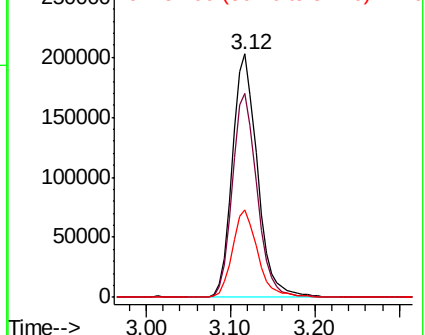
Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.6	98.4
51	36.2	28.3	42.5



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: 255.812 ug/l

RT: 2.42 min Scan# 219

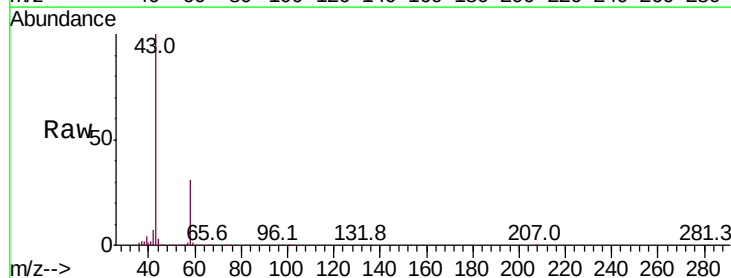
Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

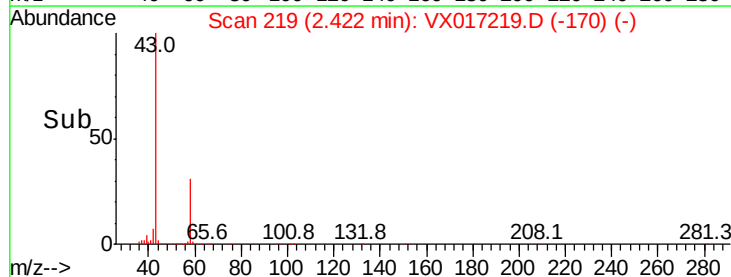
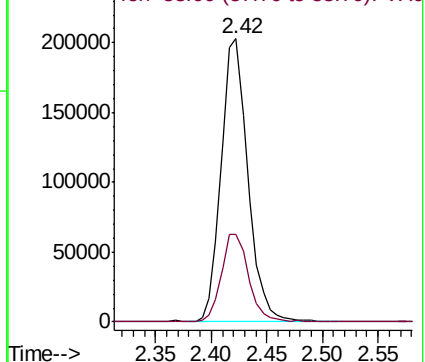
Tgt Ion: 43 Resp: 335649

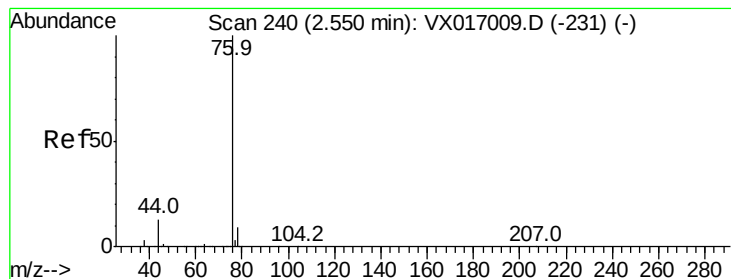
Ion	Ratio	Lower	Upper
43	100		
58	30.7	25.7	38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.854 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

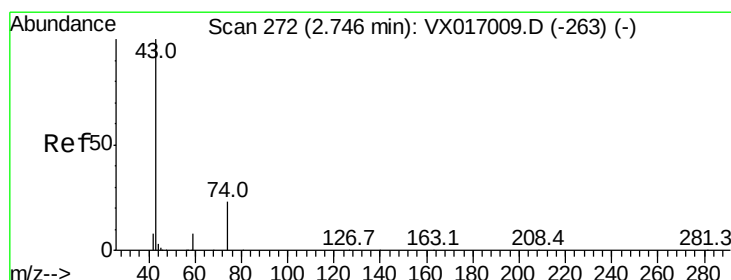
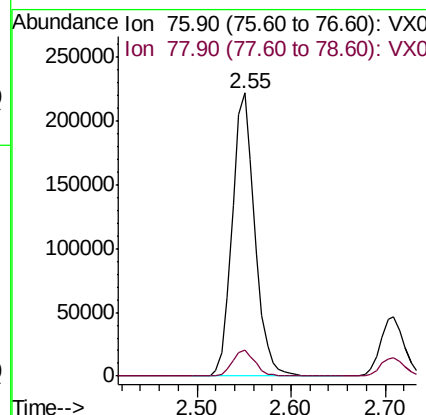
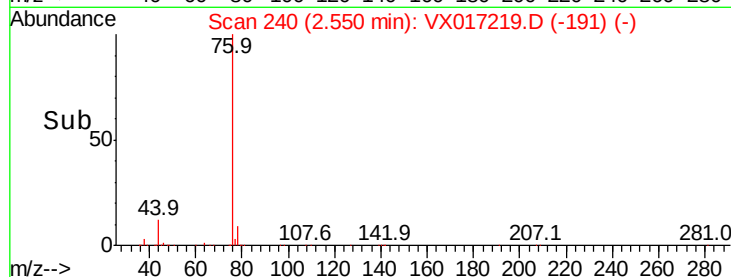
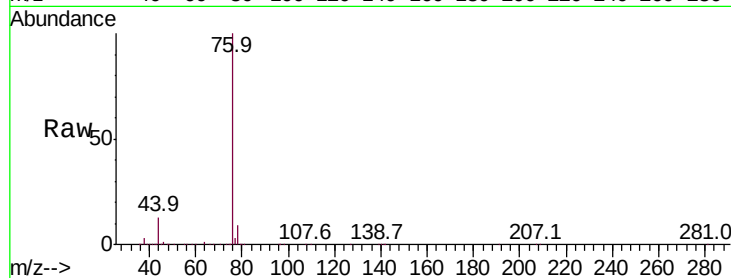
VSTDCCC050

Tot Ion: 76 Resp: 368019

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8



#18

Methyl Acetate

Concen: 53.528 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX017219.D

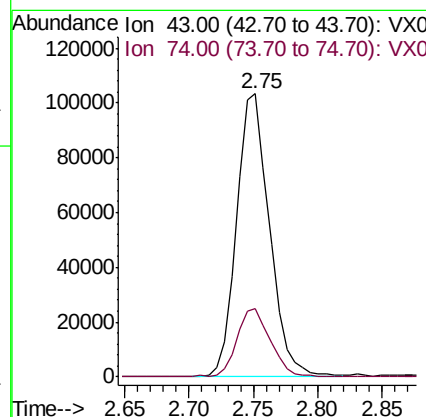
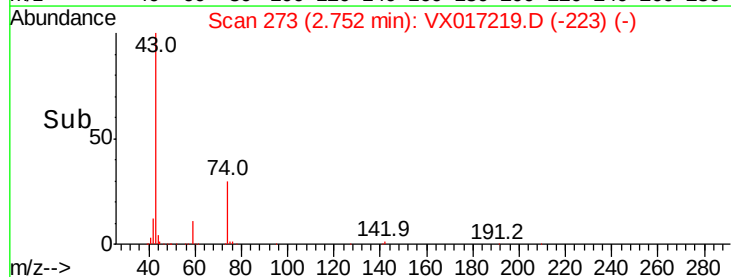
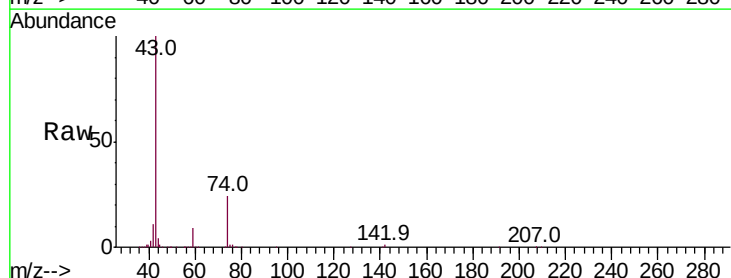
Acq: 07 Jul 2020 21:33

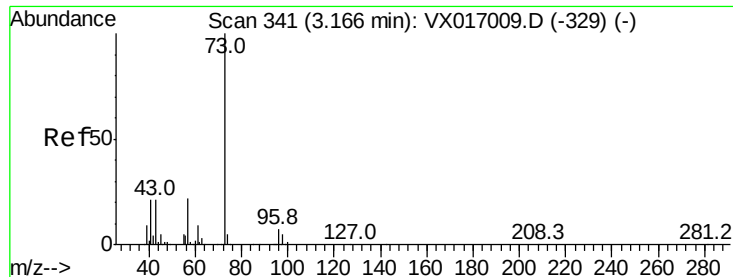
Tgt Ion: 43 Resp: 183344

Ion Ratio Lower Upper

43 100

74 25.1 19.3 28.9



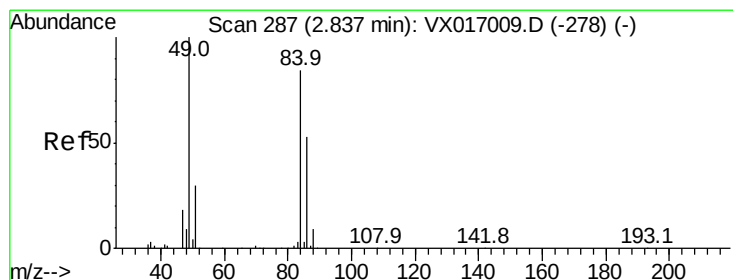
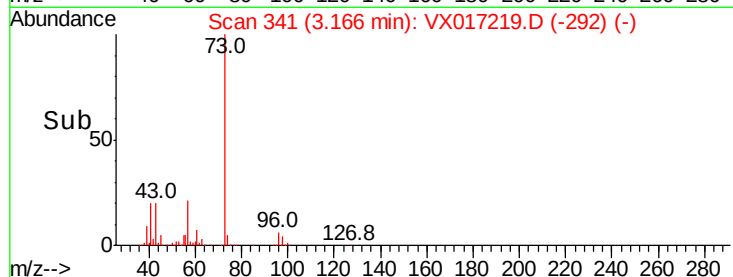
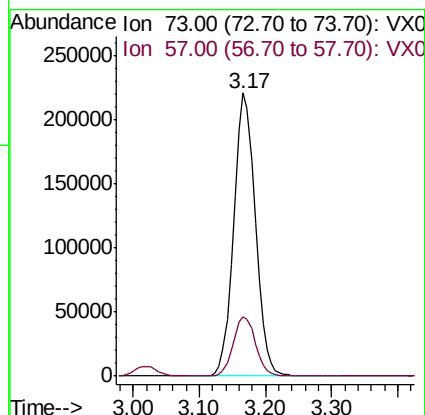
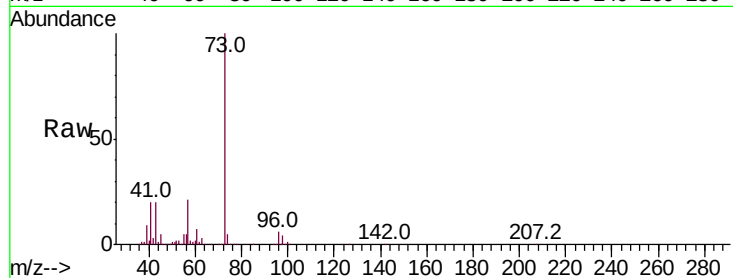


#19

Methyl tert-butyl Ether
 Concen: 53.097 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX017219.D
 Acq: 07 Jul 2020 21:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

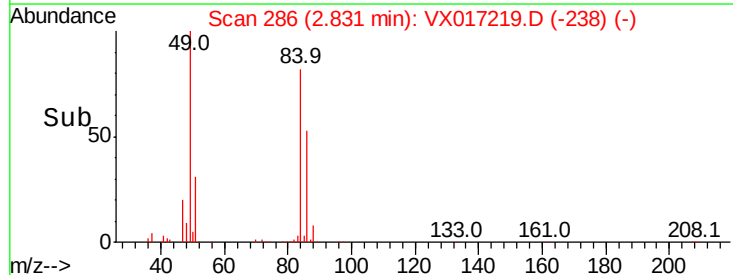
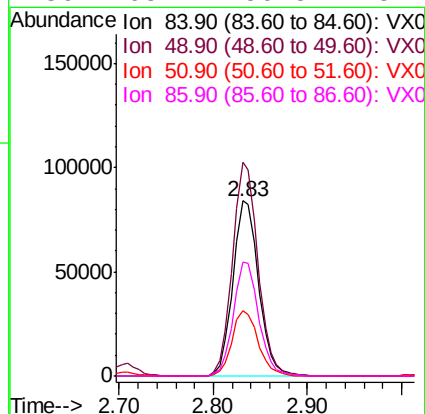
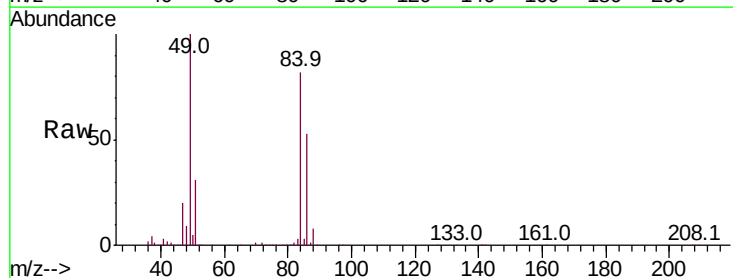
Tot Ion: 73 Resp: 501610
 Ion Ratio Lower Upper
 73 100
 57 20.9 17.6 26.4

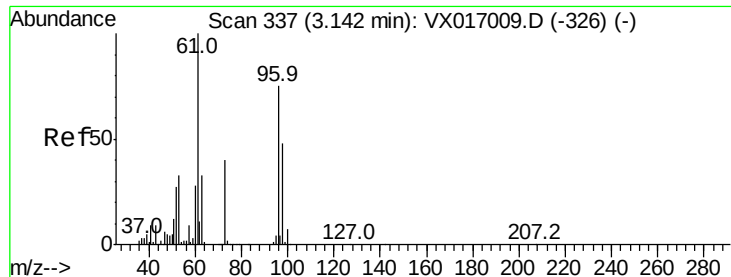


#20

Methylene Chloride
 Concen: 53.093 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX017219.D
 Acq: 07 Jul 2020 21:33

Tgt Ion: 84 Resp: 159622
 Ion Ratio Lower Upper
 84 100
 49 121.9 94.7 142.1
 51 37.6 28.6 42.8
 86 65.1 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 49.945 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

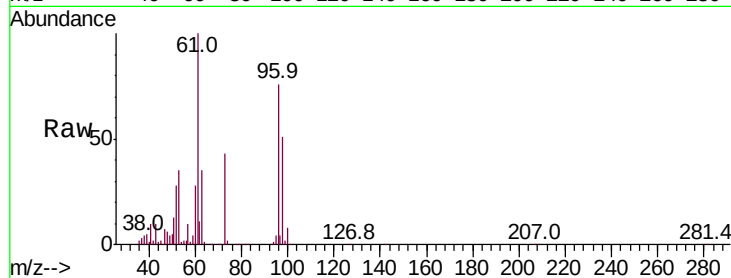
Tot Ion: 96 Resp: 156015

Ion Ratio Lower Upper

96 100

61 131.3 107.0 160.6

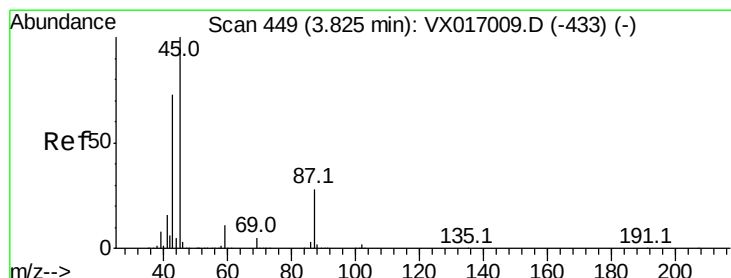
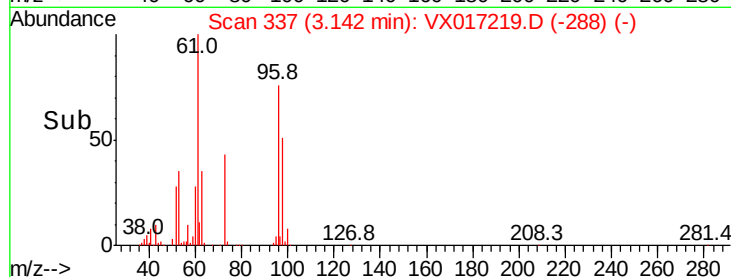
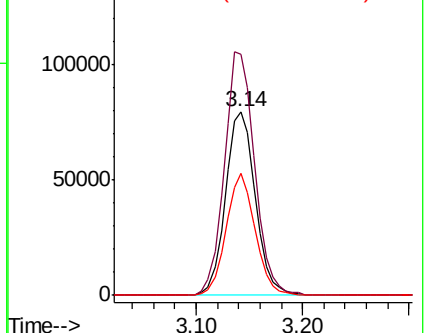
98 66.5 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.927 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Tgt Ion: 45 Resp: 490325

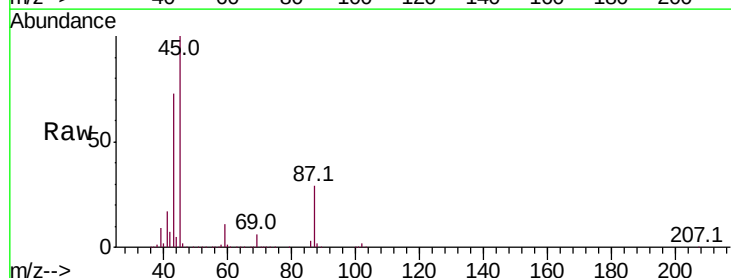
Ion Ratio Lower Upper

45 100

43 73.0 58.6 88.0

87 28.7 22.6 34.0

59 10.9 8.7 13.1

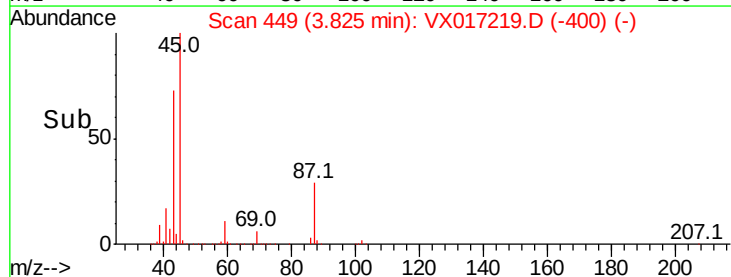
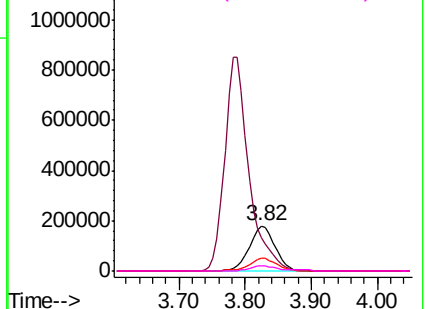


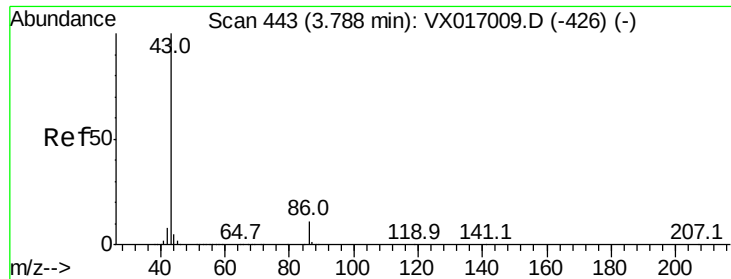
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 260.173 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

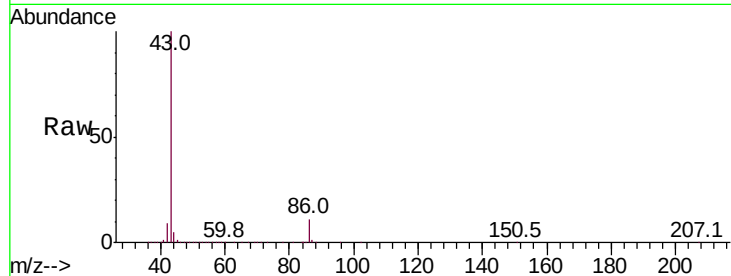
VSTDCCC050

Tot Ion: 43 Resp: 2152527

Ion Ratio Lower Upper

43 100

86 11.1 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

800000

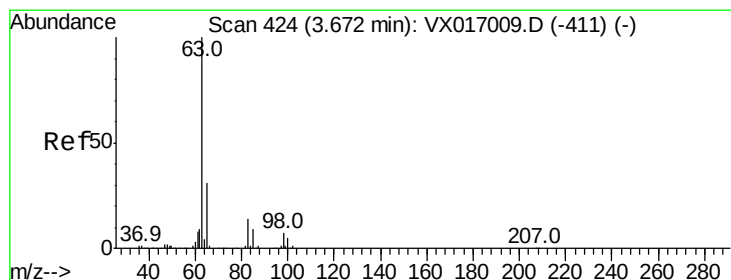
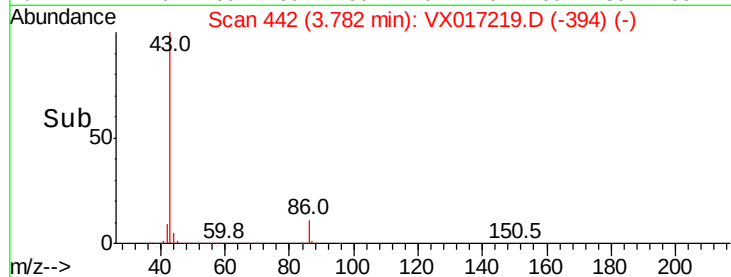
600000

400000

200000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 50.870 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

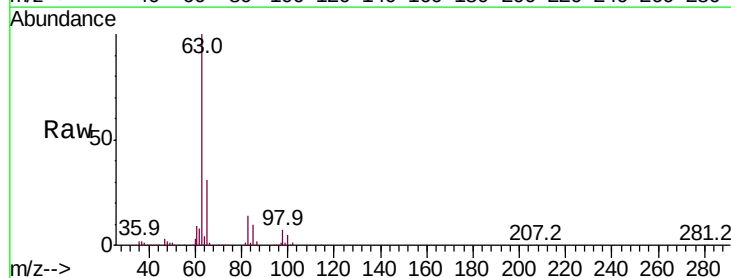
Tgt Ion: 63 Resp: 278679

Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.8

100 4.7 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

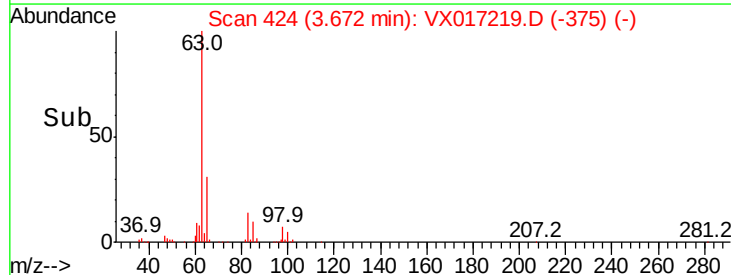
150000

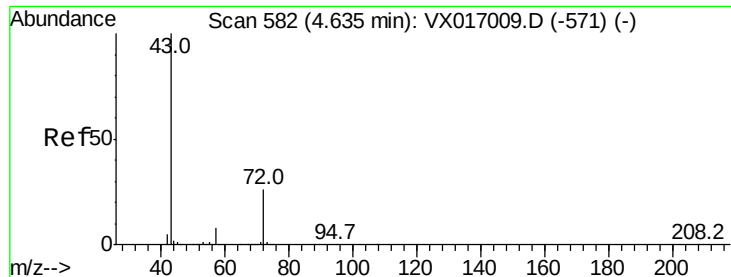
100000

50000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 252.574 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

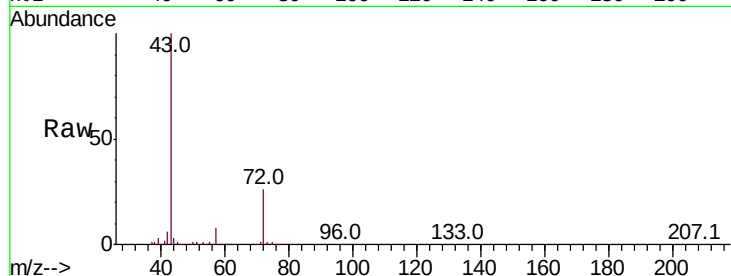
VSTDCCC050

Tot Ion: 43 Resp: 552198

Ion Ratio Lower Upper

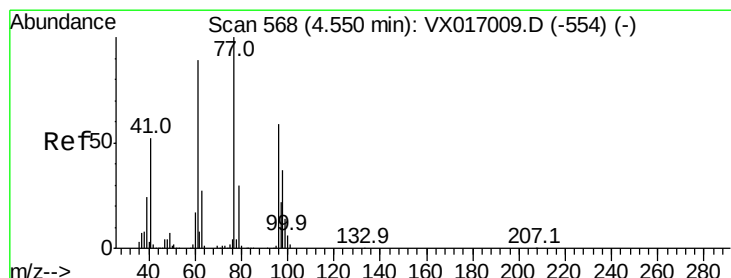
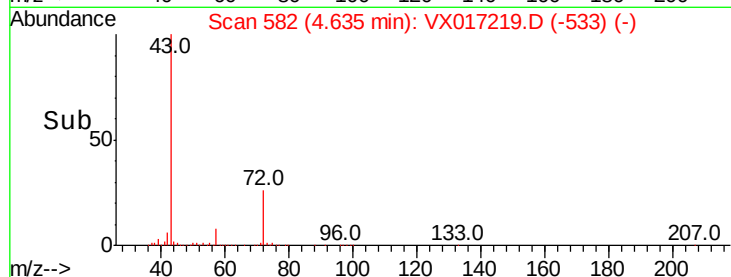
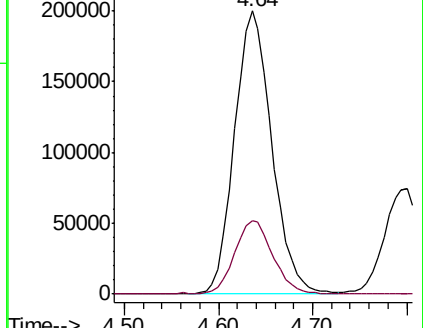
43 100

72 25.9 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 45.960 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX017219.D

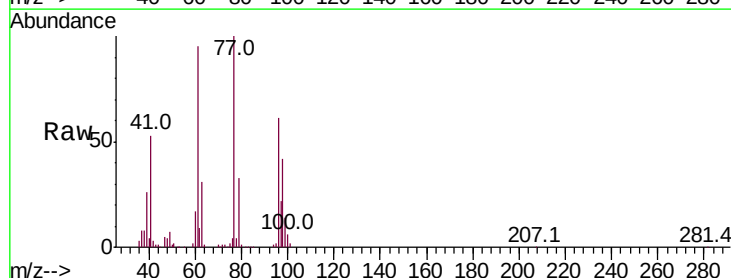
Acq: 07 Jul 2020 21:33

Tgt Ion: 77 Resp: 223558

Ion Ratio Lower Upper

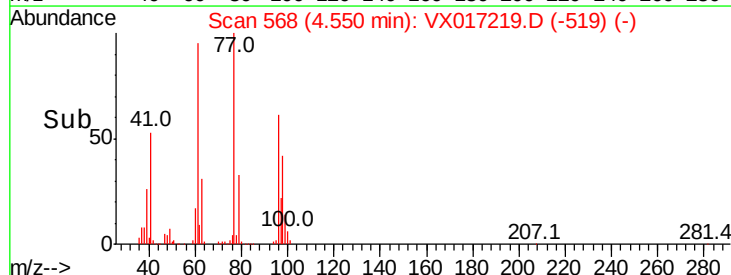
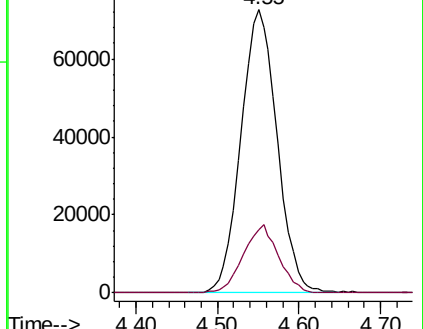
77 100

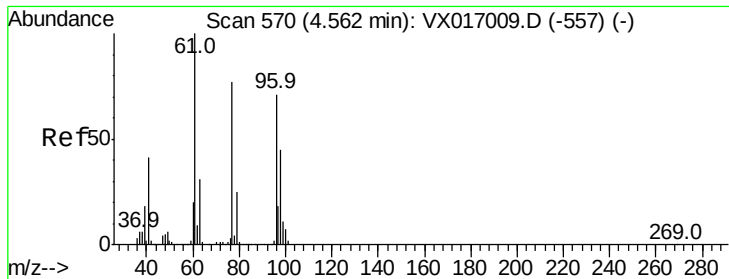
97 23.5 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



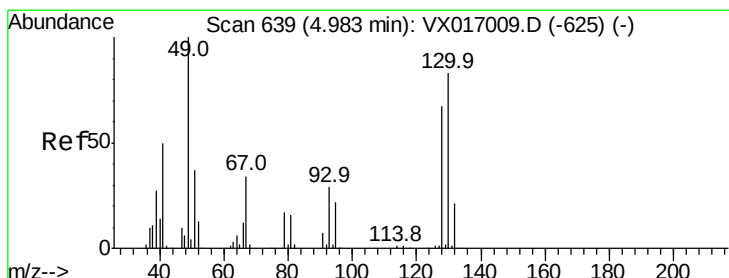
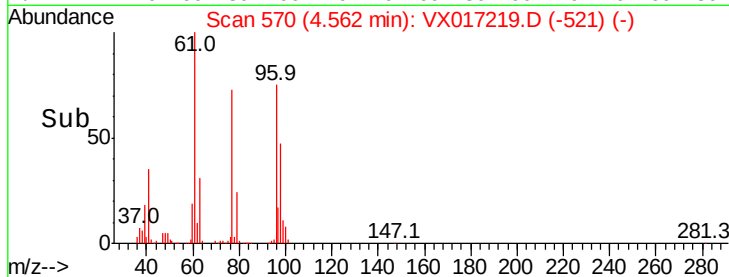
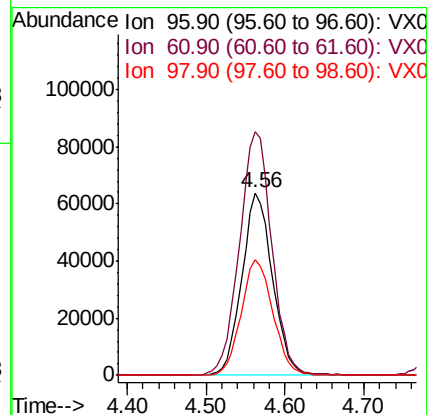
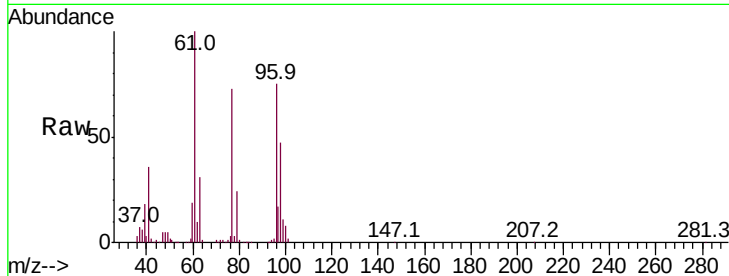


#27

cis-1,2-Dichloroethene
Concen: 48.584 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

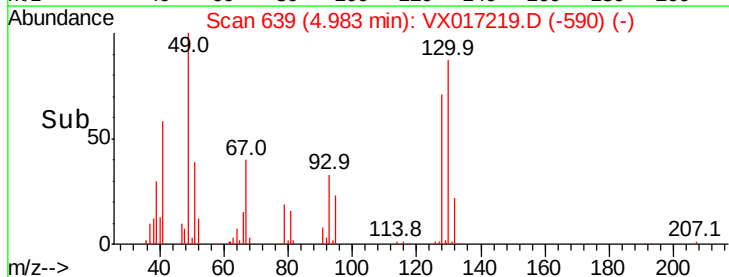
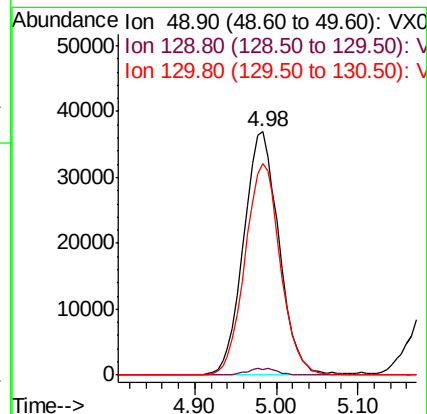
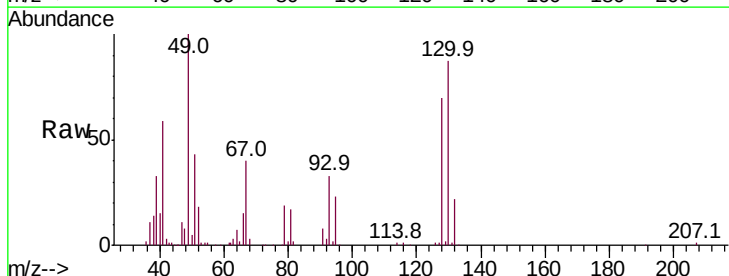
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.7	0.0	282.8
98	66.1	0.0	127.6

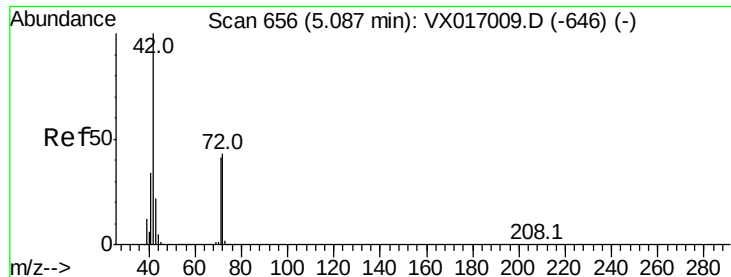


#28

Bromochloromethane
Concen: 41.825 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.2
130	86.8	66.6	100.0





#29

Tetrahydrofuran

Concen: 246.987 ug/l

RT: 5.09 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

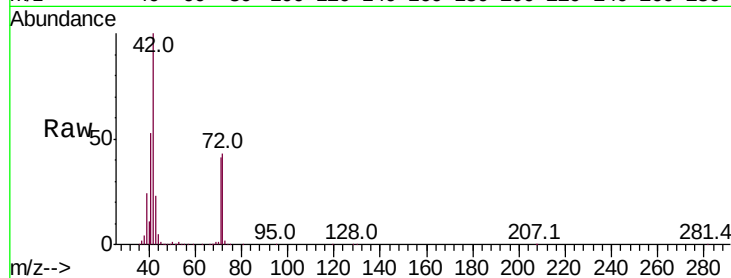
Tot Ion: 42 Resp: 356779

Ion Ratio Lower Upper

42 100

72 46.0 35.3 52.9

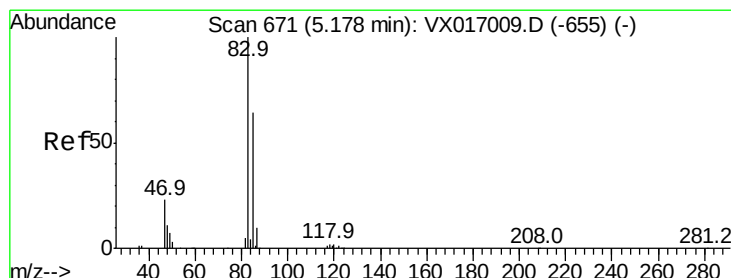
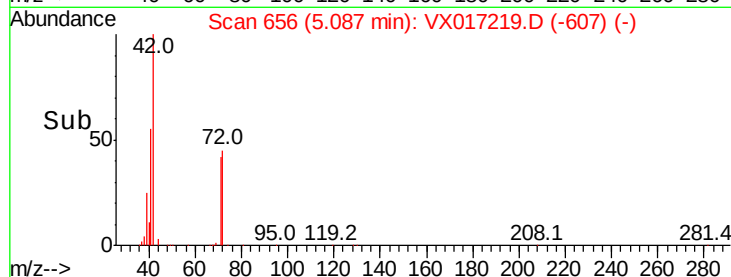
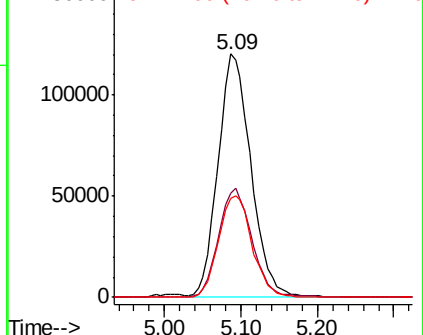
71 42.7 33.1 49.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 52.339 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX017219.D

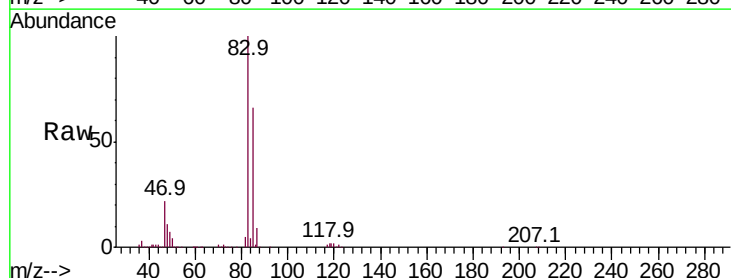
Acq: 07 Jul 2020 21:33

Tgt Ion: 83 Resp: 293924

Ion Ratio Lower Upper

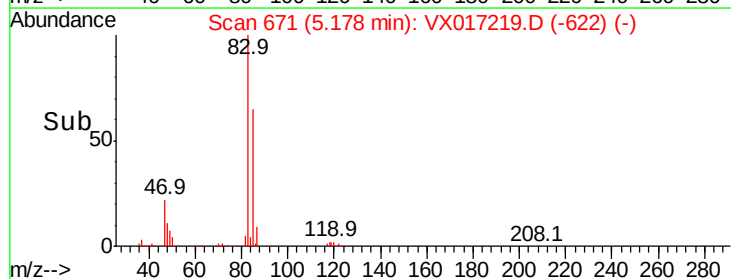
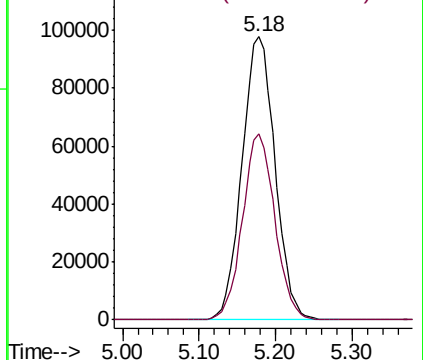
83 100

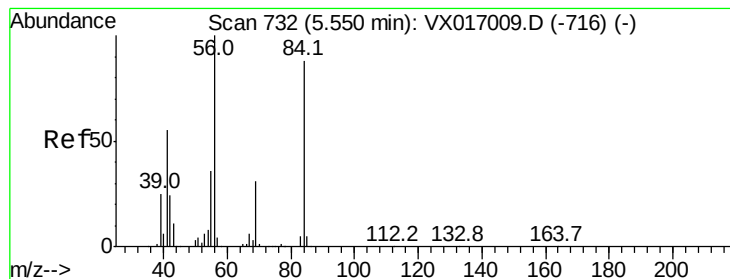
85 65.8 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 47.366 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

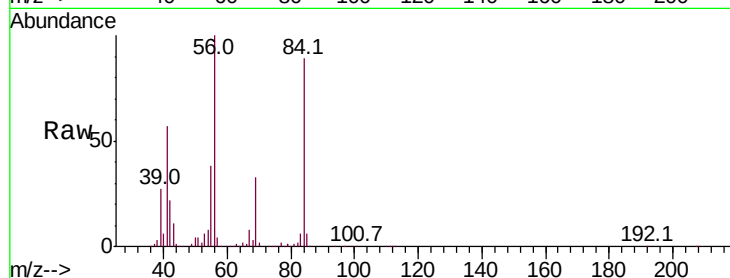
Tot Ion: 56 Resp: 224290

Ion Ratio Lower Upper

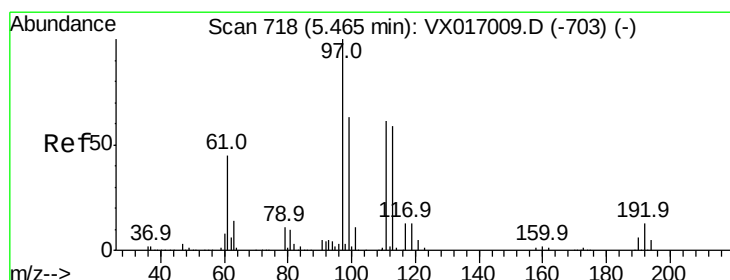
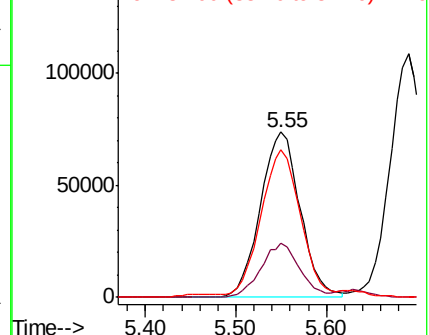
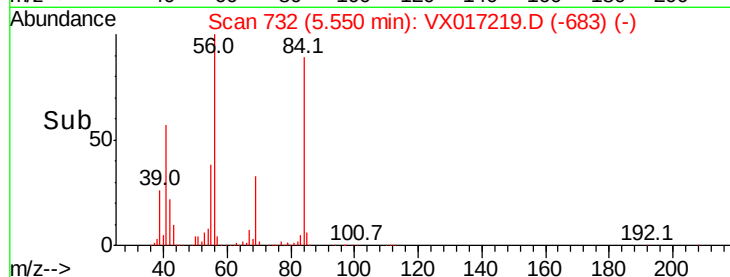
56 100

69 32.7 25.0 37.4

84 87.5 69.1 103.7



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



#32

1,1,1-Trichloroethane

Concen: 51.952 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

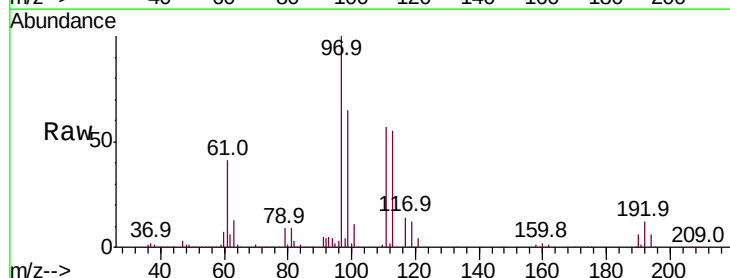
Tgt Ion: 97 Resp: 268689

Ion Ratio Lower Upper

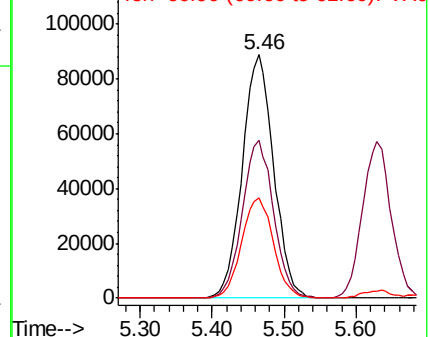
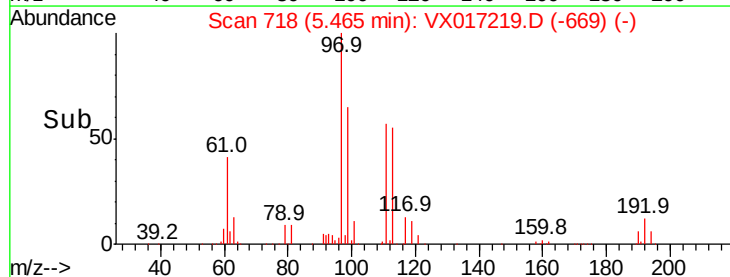
97 100

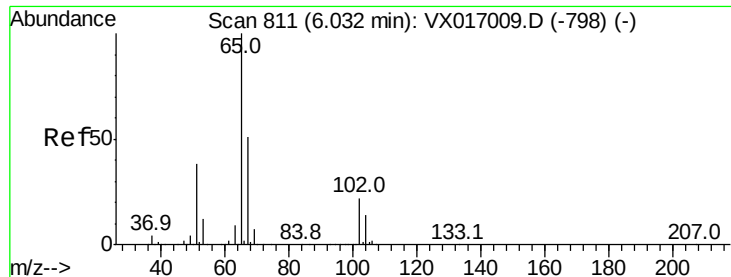
99 64.6 50.8 76.2

61 41.8 33.7 50.5



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

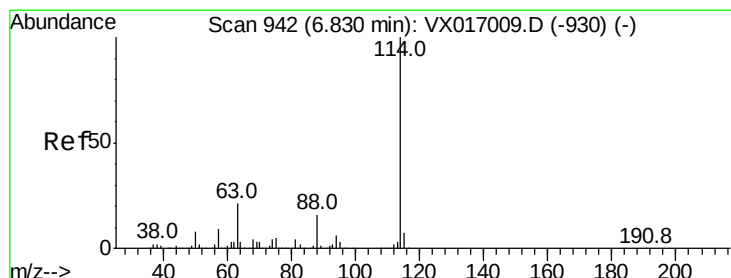
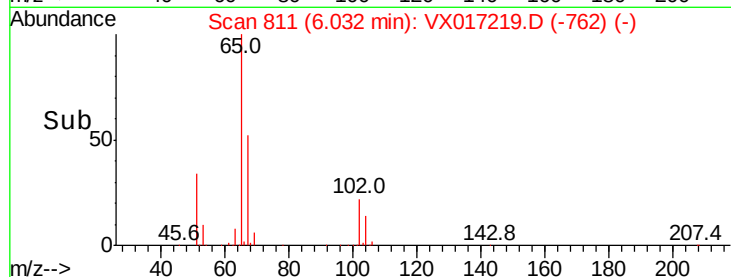
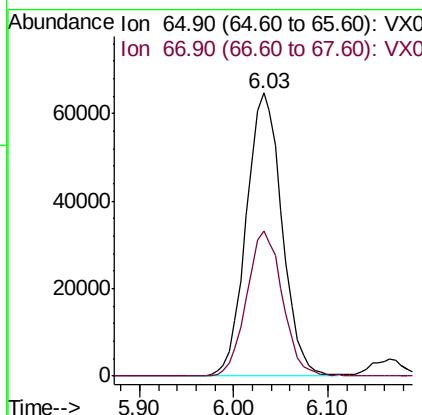
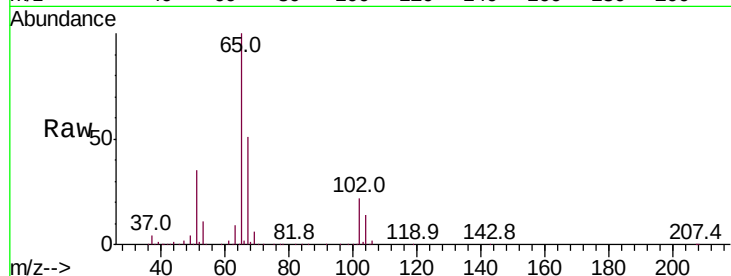




#33
 1,2-Dichloroethane-d4
 Concen: 48.952 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX017219.D
 Acq: 07 Jul 2020 21:33

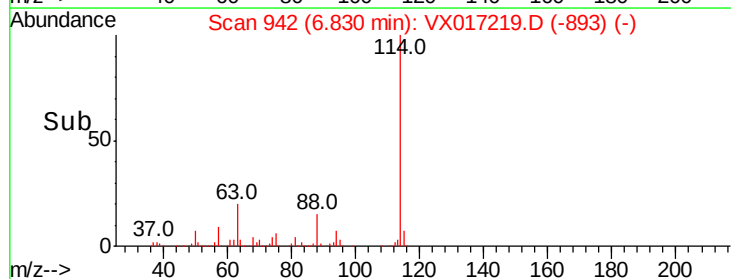
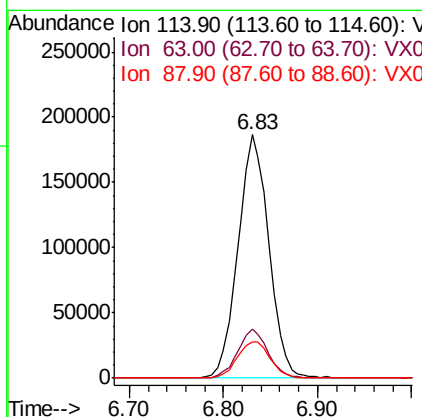
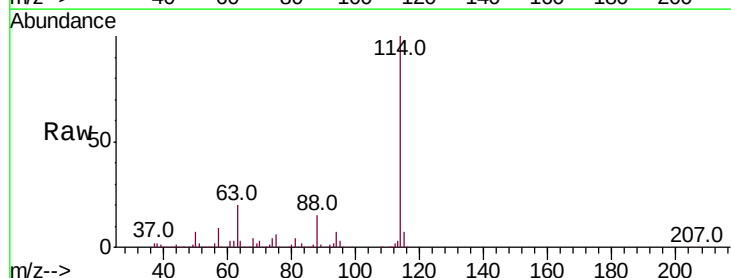
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

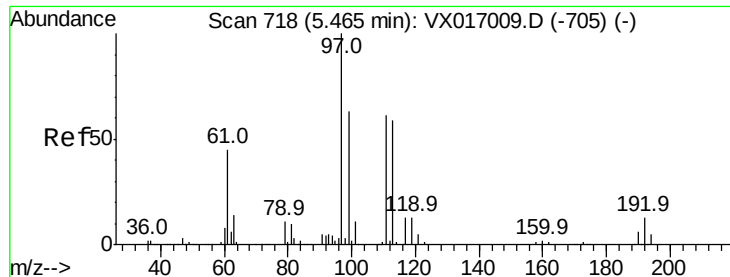
Tot Ion: 65 Resp: 171696
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX017219.D
 Acq: 07 Jul 2020 21:33

Tgt Ion: 114 Resp: 426532
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.4
 88 15.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 52.137 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

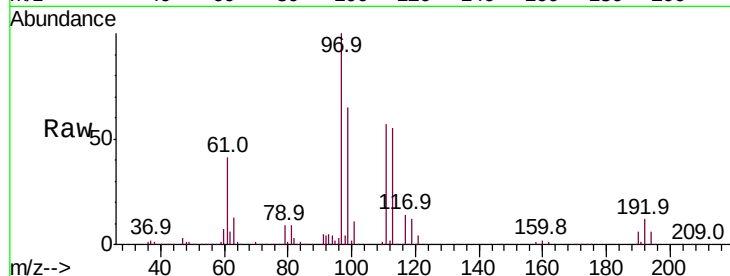
Tot Ion:113 Resp: 140672

Ion Ratio Lower Upper

113 100

111 101.9 81.9 122.9

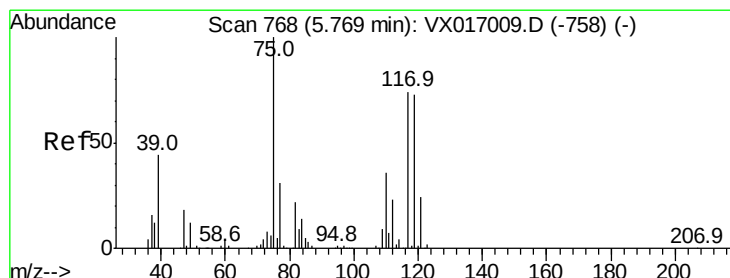
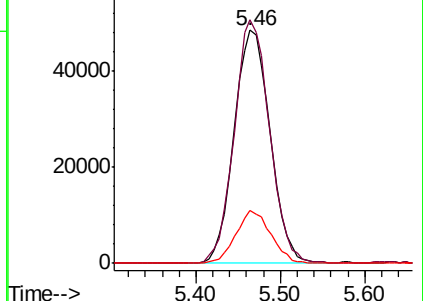
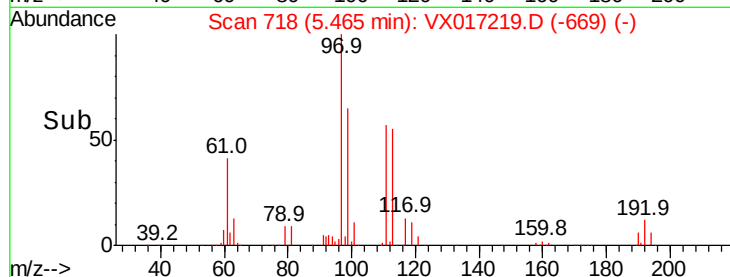
192 22.0 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.605 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

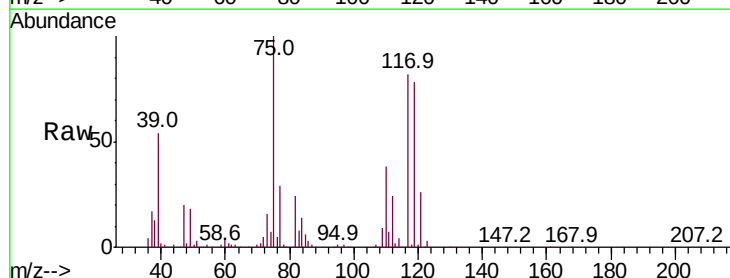
Tgt Ion: 75 Resp: 208032

Ion Ratio Lower Upper

75 100

110 36.7 18.1 54.1

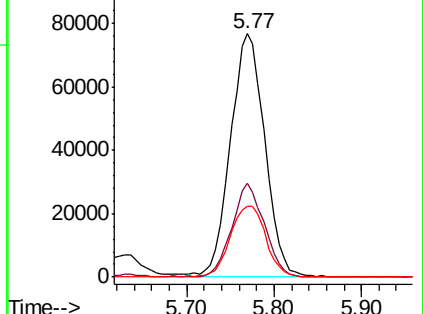
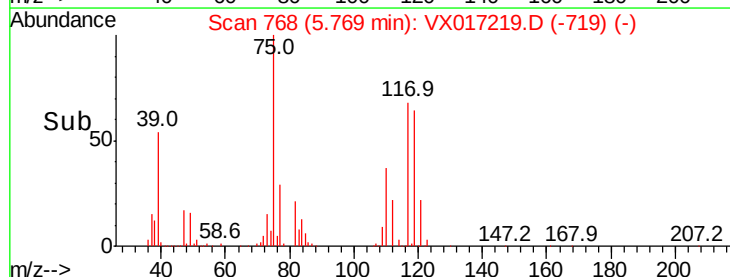
77 30.4 24.6 37.0

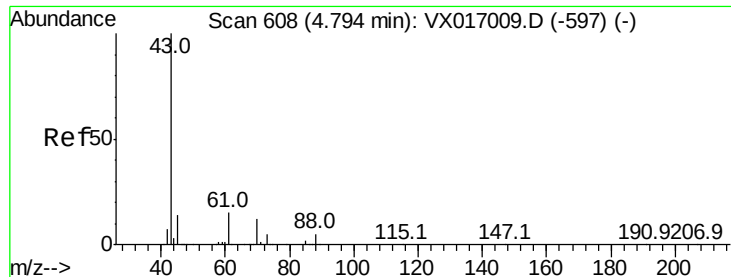


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

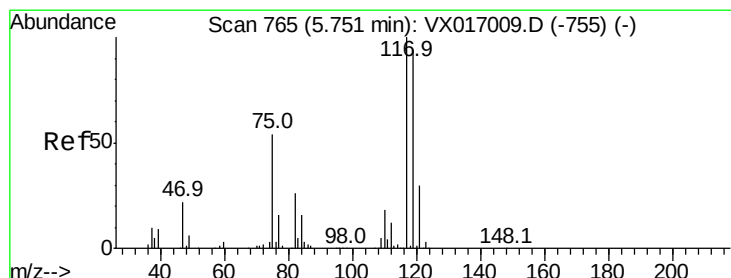
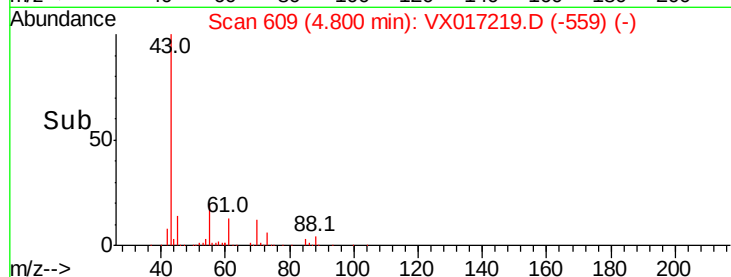
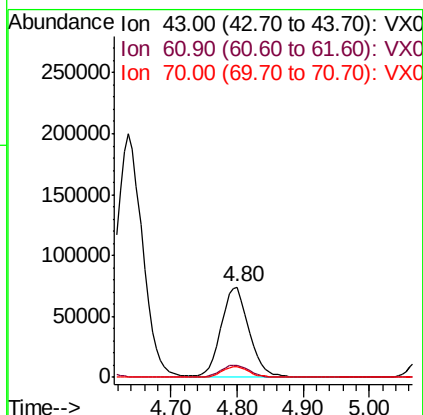
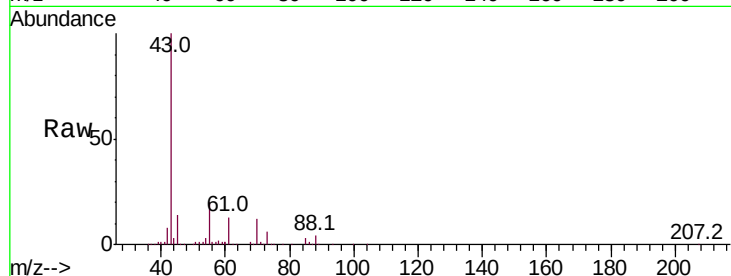




#37
Ethyl Acetate
Concen: 52.881 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

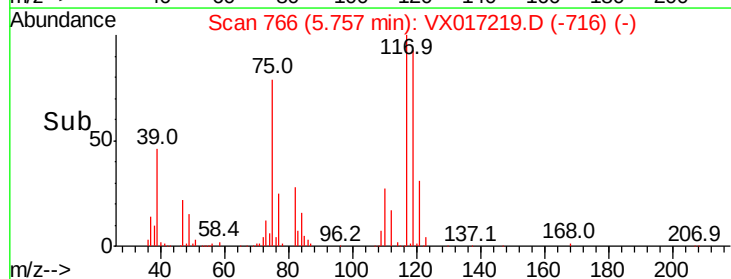
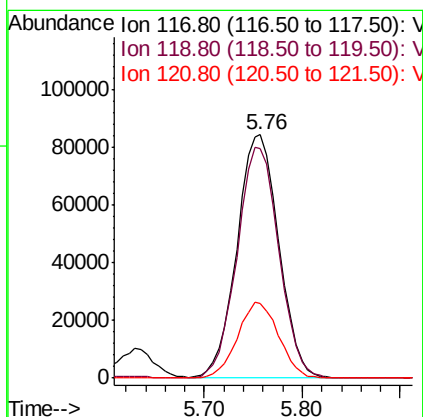
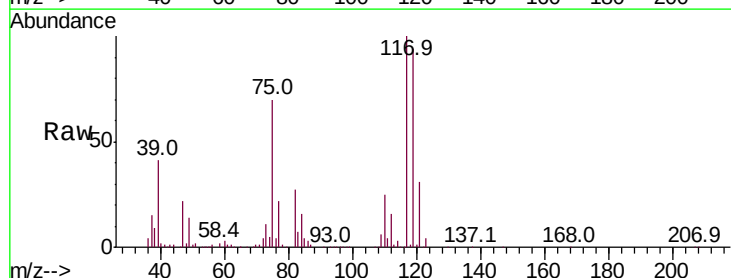
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

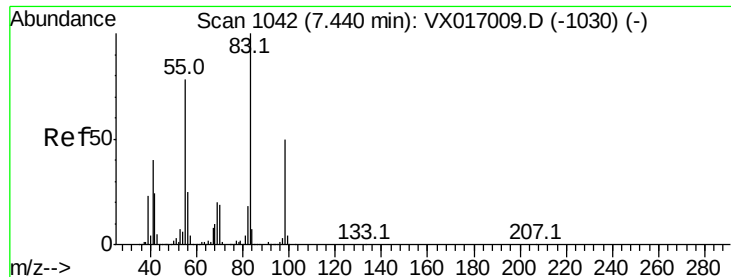
Tot Ion: 43 Resp: 216292
Ion Ratio Lower Upper
43 100
61 13.9 11.0 16.4
70 11.5 8.9 13.3



#38
Carbon Tetrachloride
Concen: 56.263 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Tgt Ion: 117 Resp: 249815
Ion Ratio Lower Upper
117 100
119 94.1 75.4 113.0
121 30.7 23.8 35.6

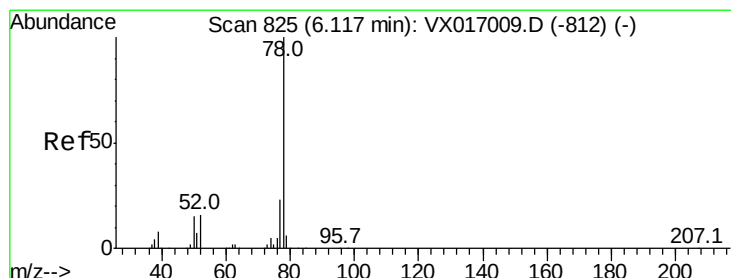
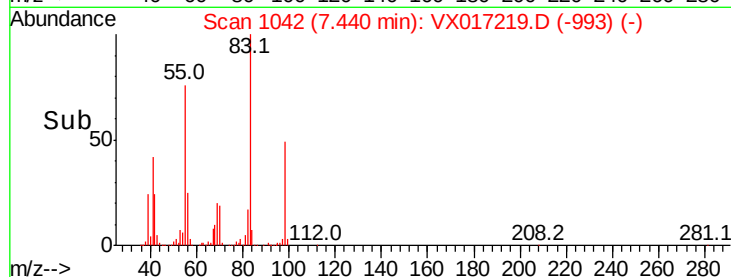
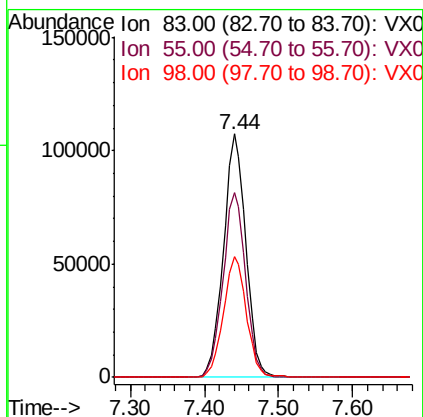
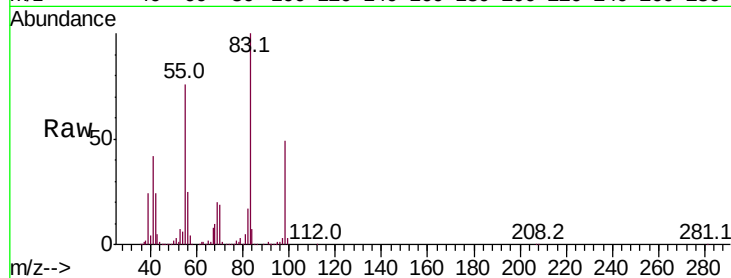




#39
Methylvlcyclohexane
Concen: 50.315 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

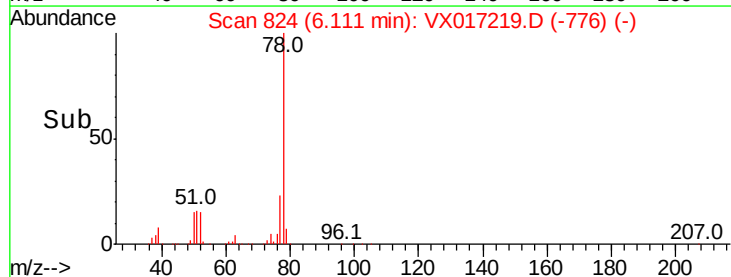
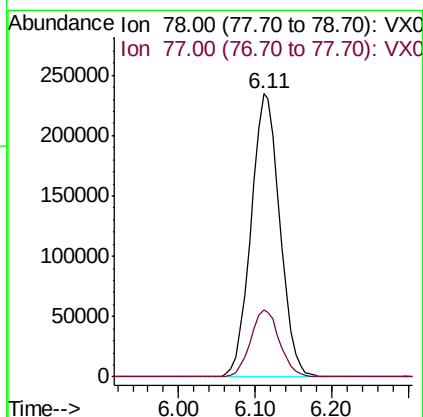
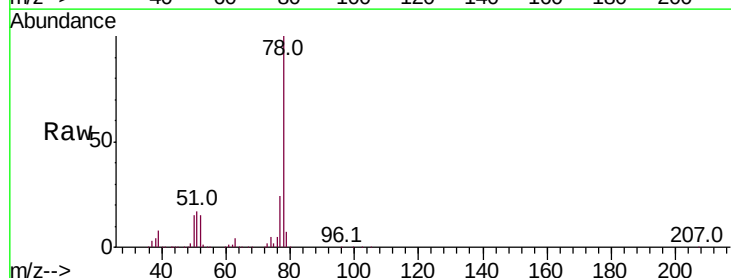
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

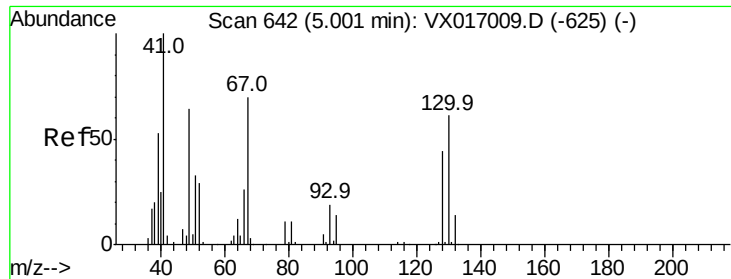
Tot Ion: 83 Resp: 225675
Ion Ratio Lower Upper
83 100
55 76.0 62.5 93.7
98 49.5 40.1 60.1



#40
Benzene
Concen: 52.023 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Tgt Ion: 78 Resp: 616183
Ion Ratio Lower Upper
78 100
77 23.8 18.3 27.5

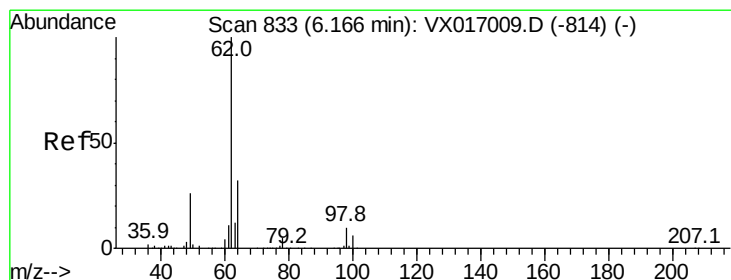
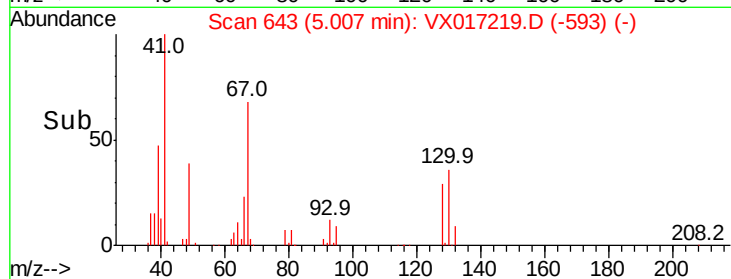
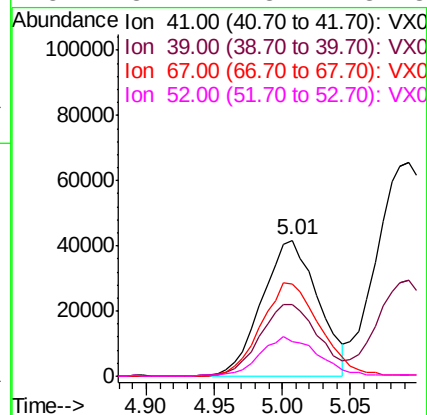
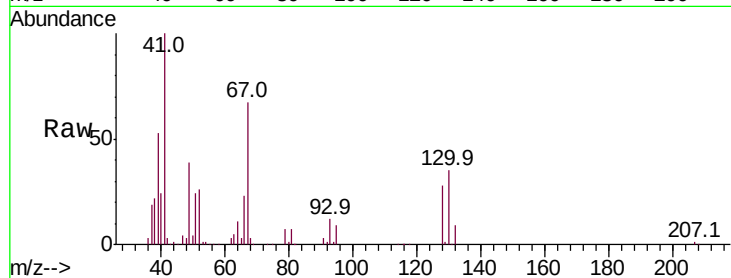




#41
Methacrylonitrile
Concen: 52.187 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

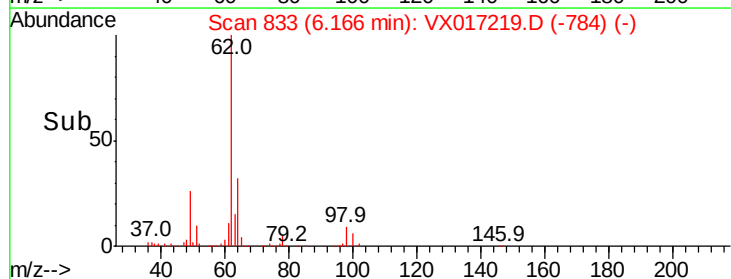
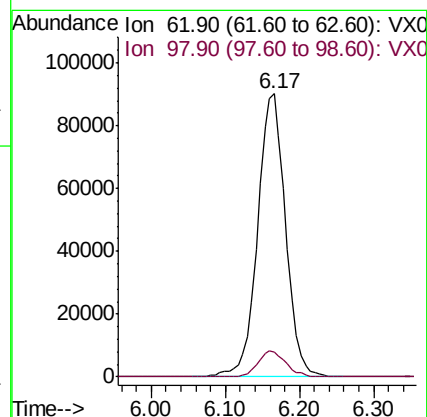
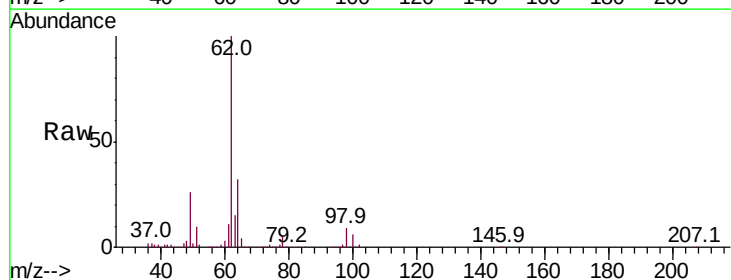
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

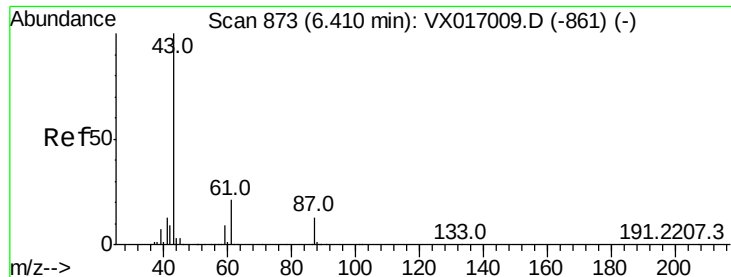
Tot Ion:	41	Resp:	120135
Ion	Ratio	Lower	Upper
41	100		
39	54.3	44.4	66.6
67	72.3	57.1	85.7
52	31.1	23.2	34.8



#42
1,2-Dichloroethane
Concen: 55.192 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Tgt Ion:	62	Resp:	236128
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.2





#43

Isopropyl Acetate

Concen: 51.599 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

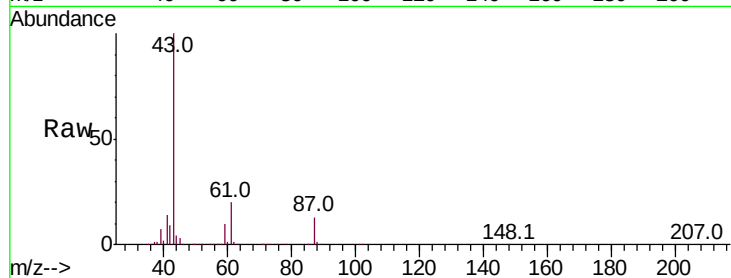
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 350698

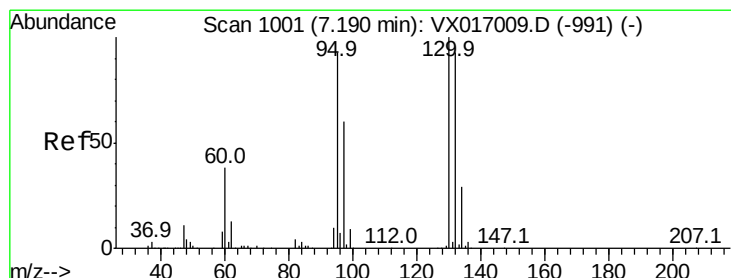
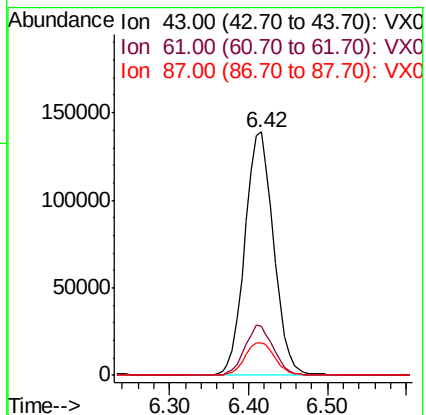
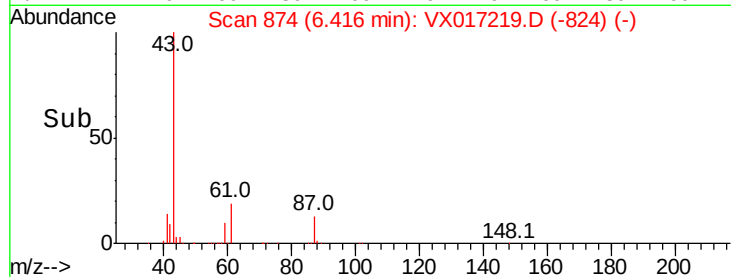
Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.2	24.2
87	14.1	10.7	16.1



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: 55.317 ug/l

RT: 7.19 min Scan# 1001

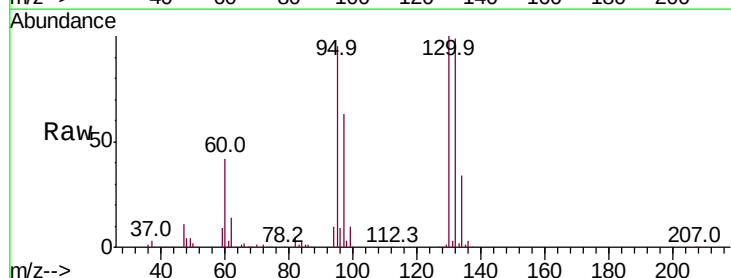
Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

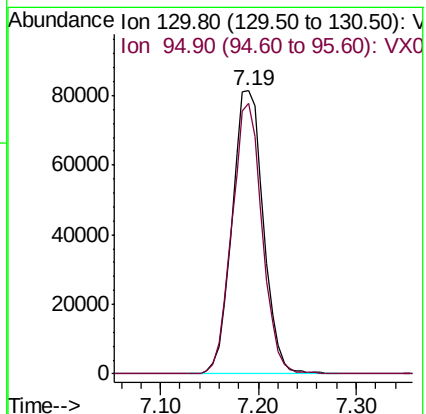
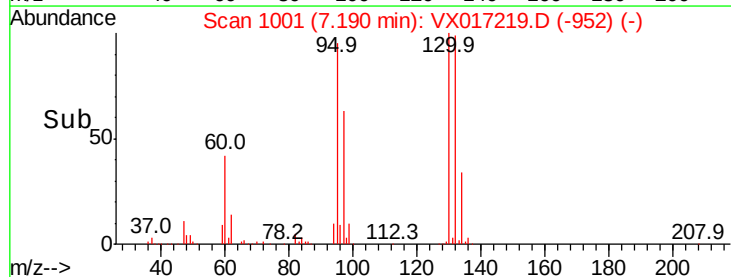
Tgt Ion:130 Resp: 180696

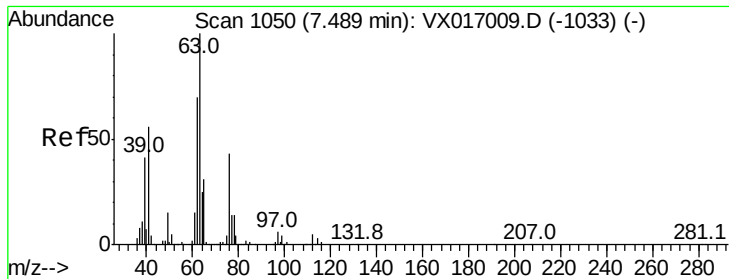
Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	185.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 52.730 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

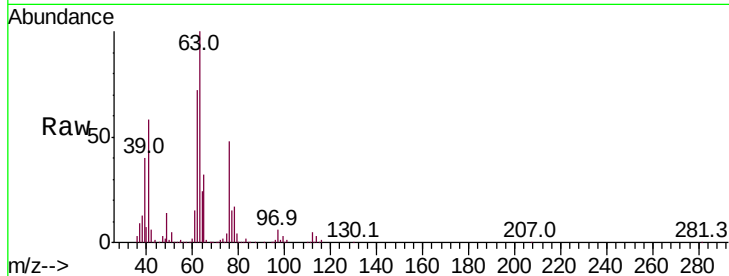
VSTDCCC050

Tot Ion: 63 Resp: 160412

Ion Ratio Lower Upper

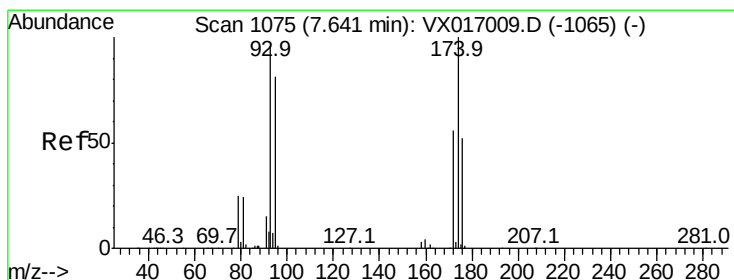
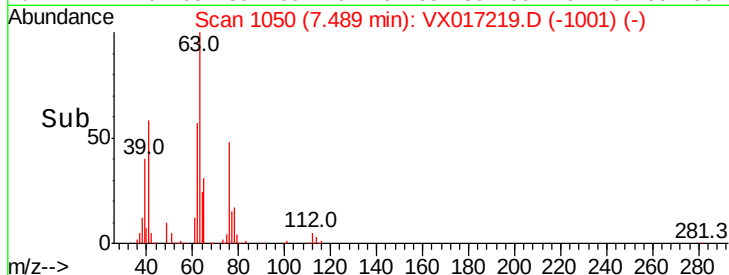
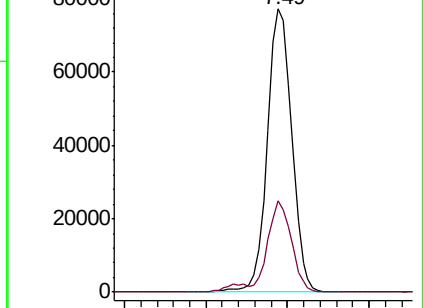
63 100

65 32.3 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 54.241 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

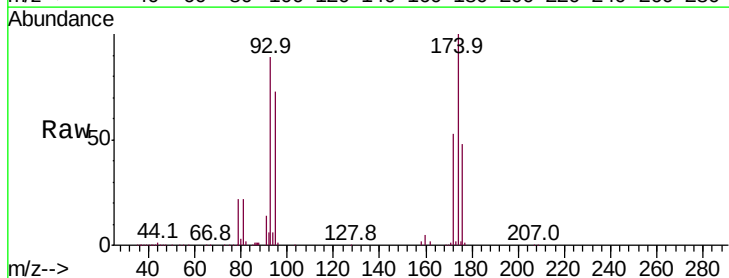
Tgt Ion: 93 Resp: 112656

Ion Ratio Lower Upper

93 100

95 83.4 67.4 101.0

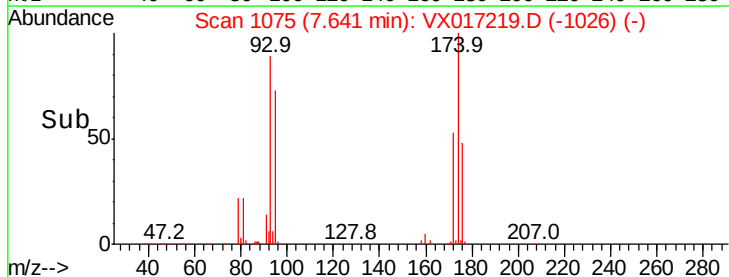
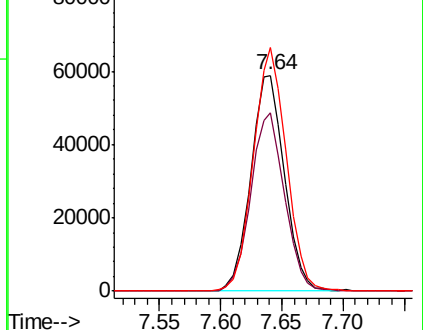
174 111.4 84.3 126.5

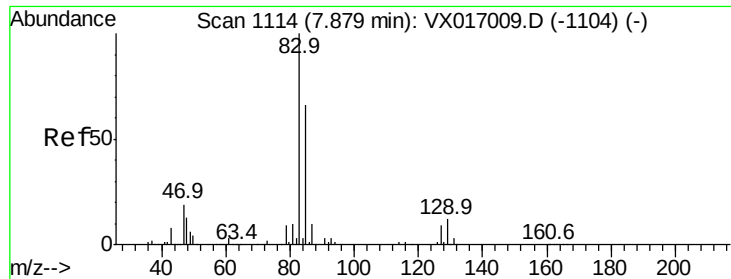


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 55.879 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

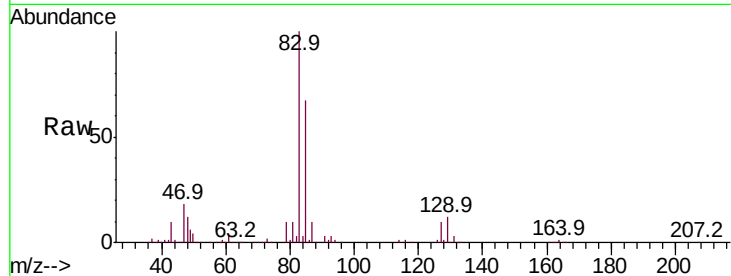
Tot Ion: 83 Resp: 239173

Ion Ratio Lower Upper

83 100

85 66.7 53.0 79.4

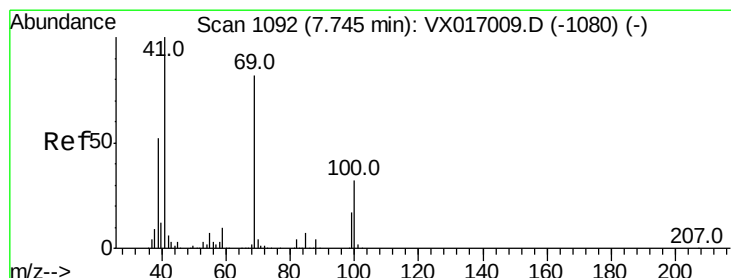
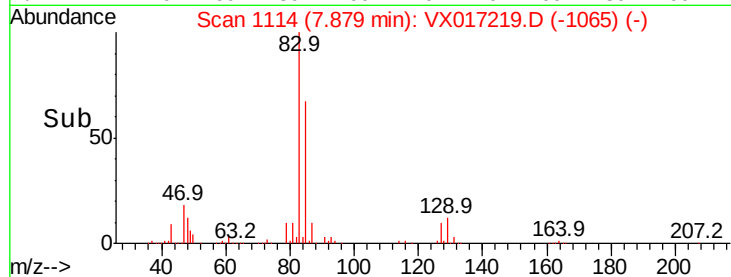
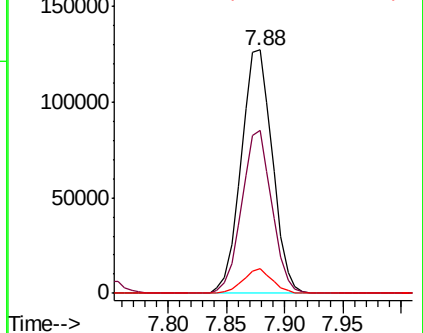
127 10.3 7.5 11.3



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: 54.071 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

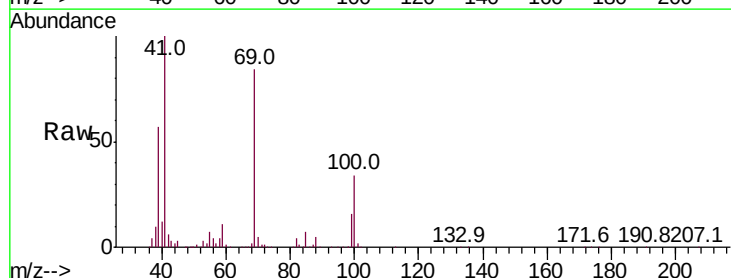
Tgt Ion: 41 Resp: 174598

Ion Ratio Lower Upper

41 100

69 86.2 65.8 98.8

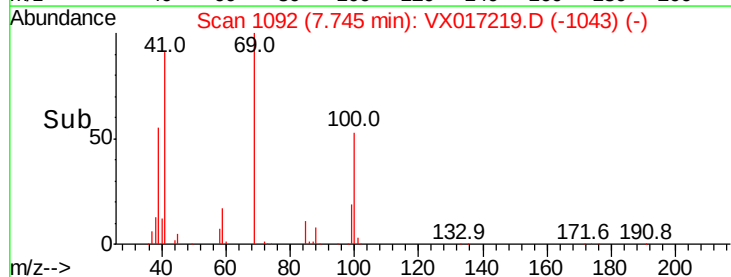
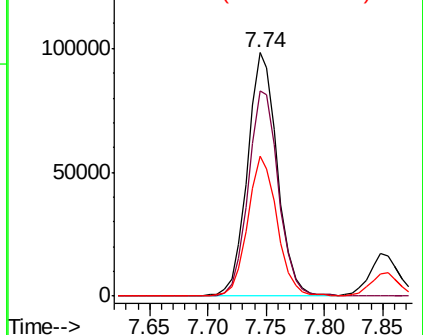
39 56.8 42.5 63.7

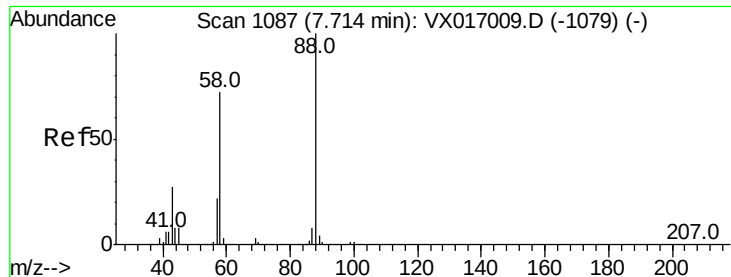


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1058.261 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

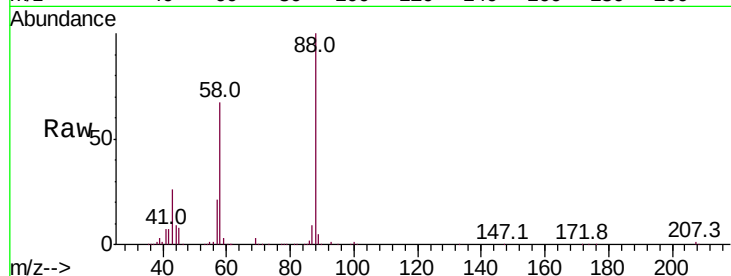
Tot Ion: 88 Resp: 77415

Ion Ratio Lower Upper

88 100

43 32.3 25.8 38.8

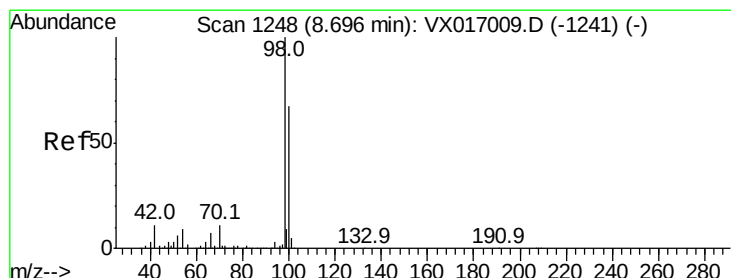
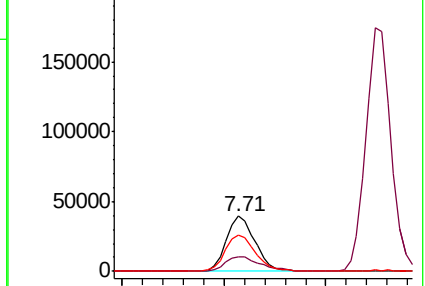
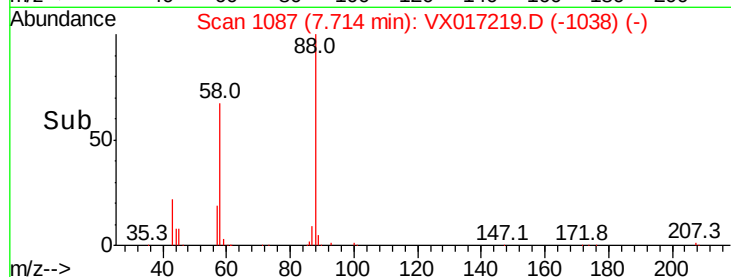
58 70.1 54.8 82.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.087 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017219.D

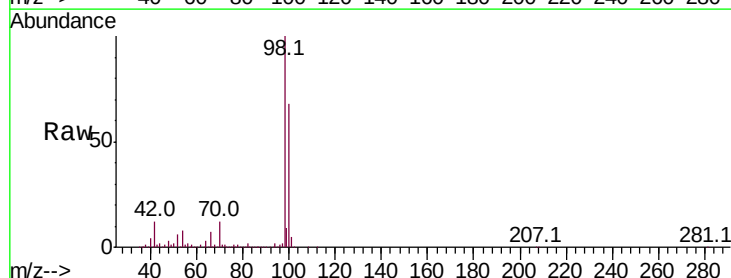
Acq: 07 Jul 2020 21:33

Tgt Ion: 98 Resp: 499720

Ion Ratio Lower Upper

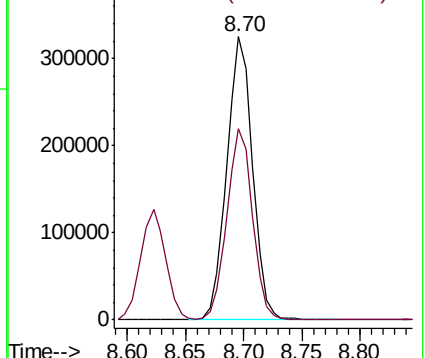
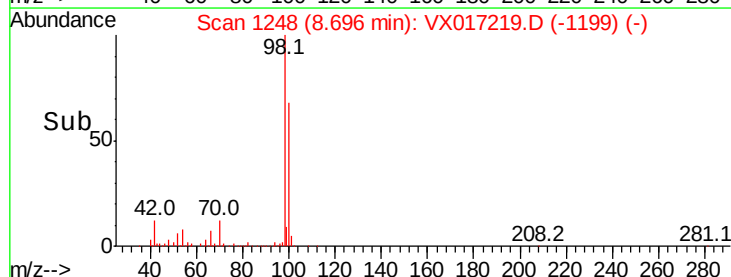
98 100

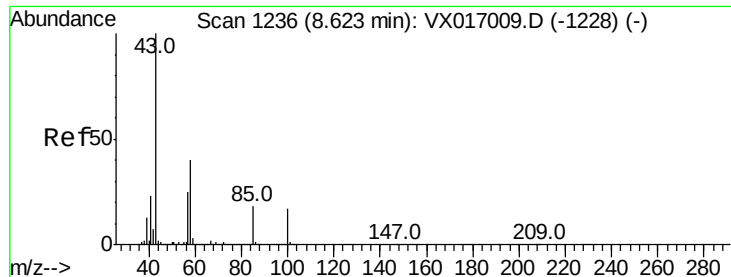
100 67.5 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 274.391 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

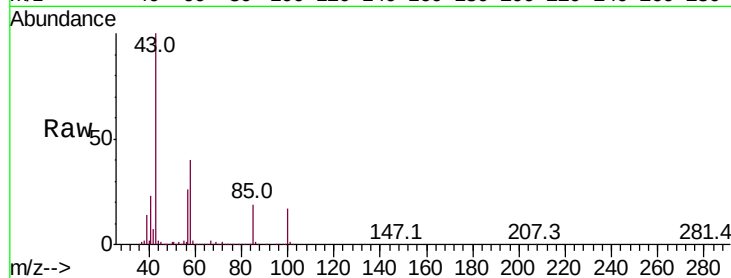
VSTDCCC050

Tot Ion: 43 Resp: 1111682

Ion Ratio Lower Upper

43 100

58 39.8 31.9 47.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

800000

600000

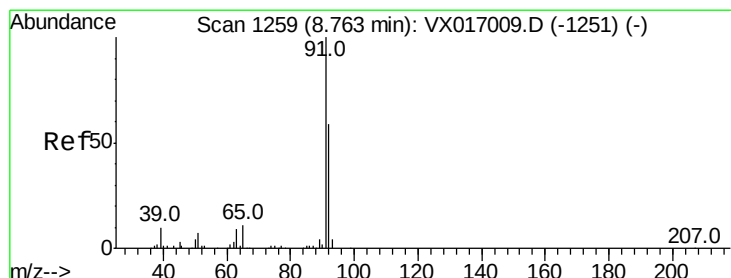
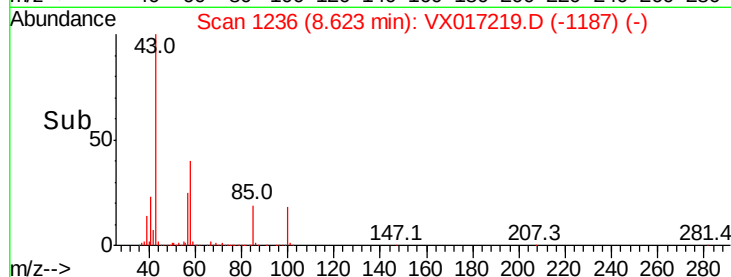
400000

200000

0

8.50 8.60 8.70

Time-->



#52

Toluene

Concen: 53.377 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX017219.D

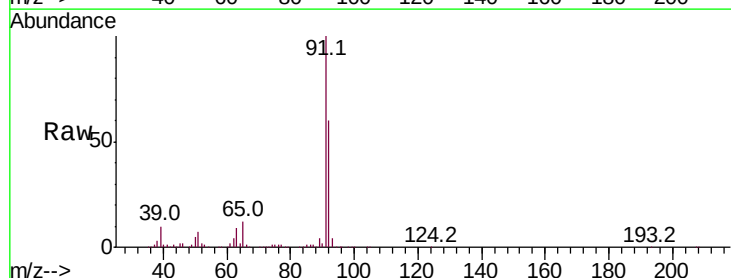
Acq: 07 Jul 2020 21:33

Tgt Ion: 92 Resp: 394723

Ion Ratio Lower Upper

92 100

91 168.3 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

500000

400000

300000

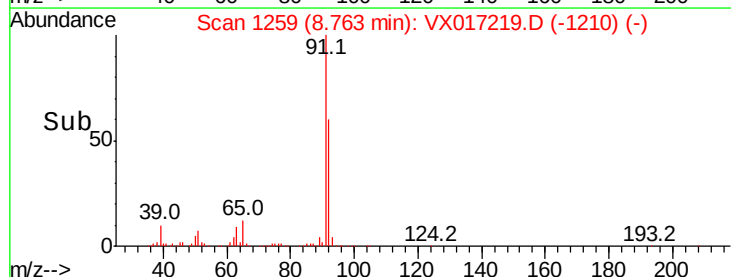
200000

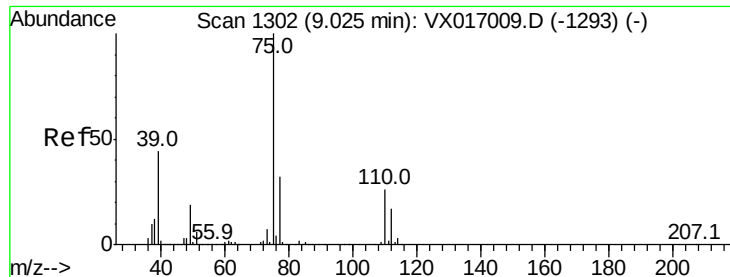
100000

0

8.70 8.75 8.80 8.85

Time-->





#53

t-1,3-Dichloropropene

Concen: 54.196 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

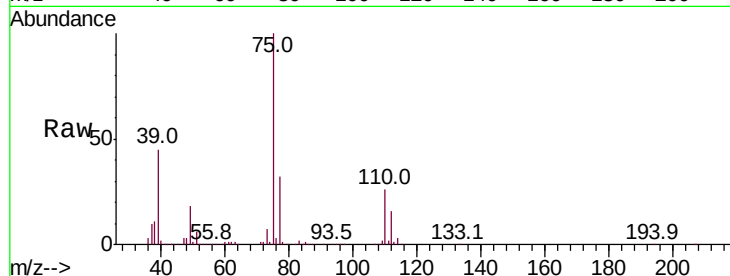
VSTDCCC050

Tot Ion: 75 Resp: 255943

Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

200000

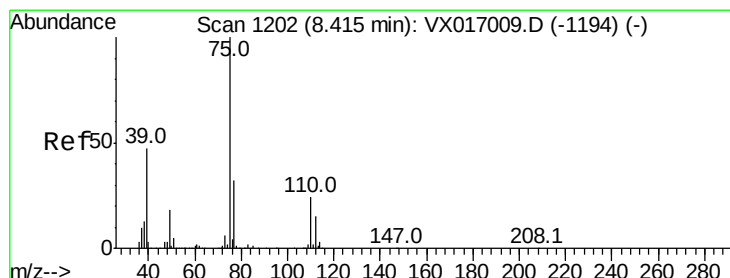
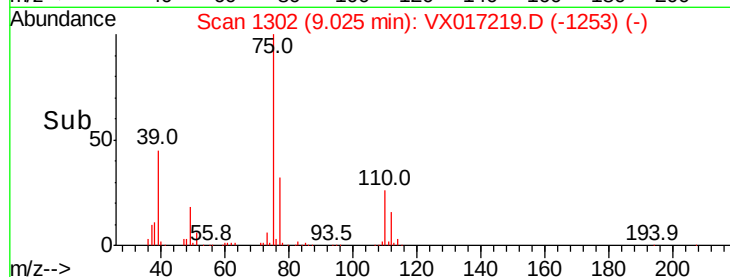
150000

100000

50000

0

Time--> 8.90 9.00 9.10 9.20



#54

cis-1,3-Dichloropropene

Concen: 52.382 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

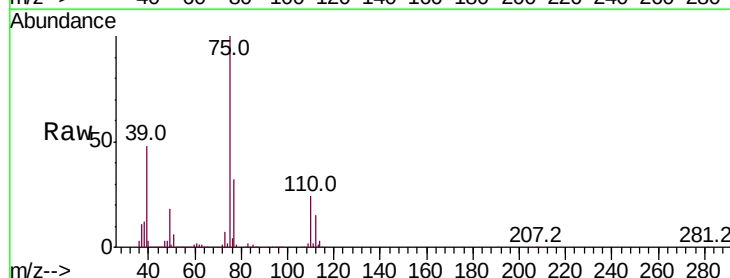
Tgt Ion: 75 Resp: 265180

Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8

39 48.1 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

200000

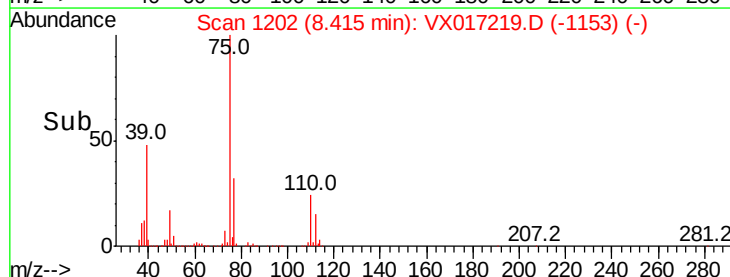
150000

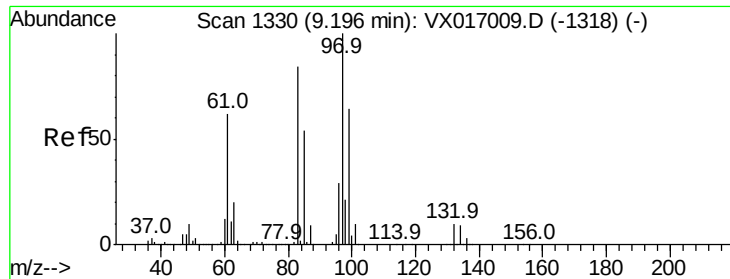
100000

50000

0

Time--> 8.35 8.40 8.45 8.50

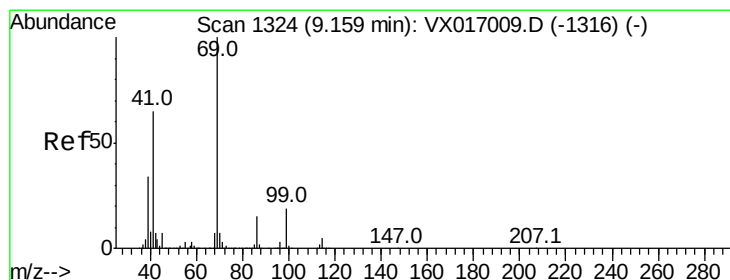
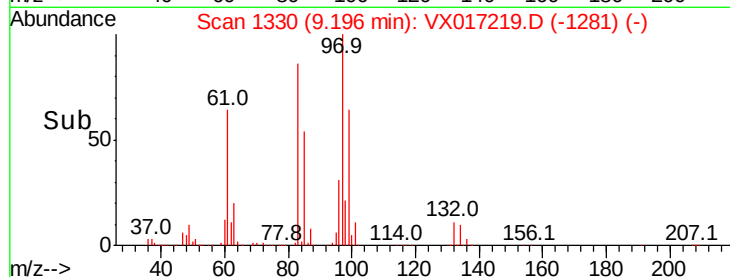
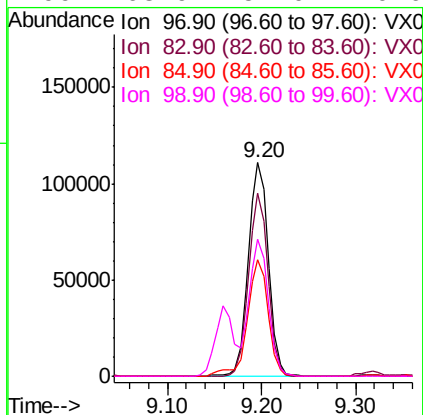
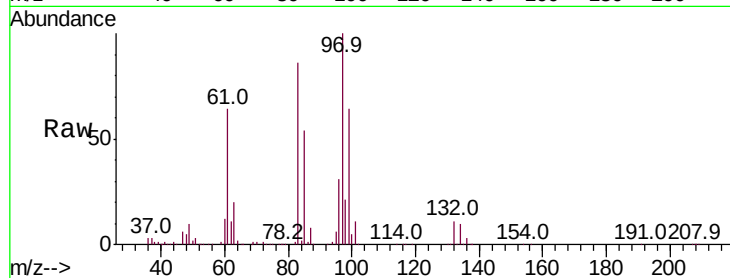




#55
1,1,2-Trichloroethane
Concen: 54.811 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

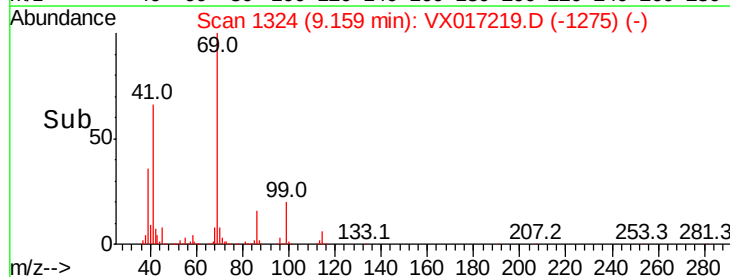
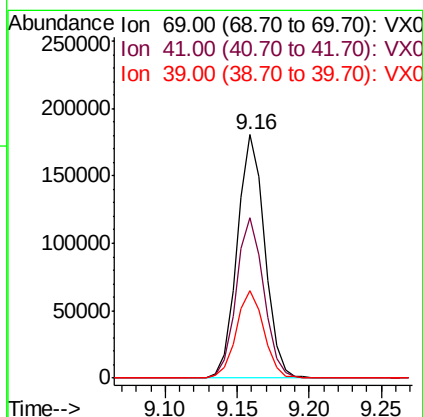
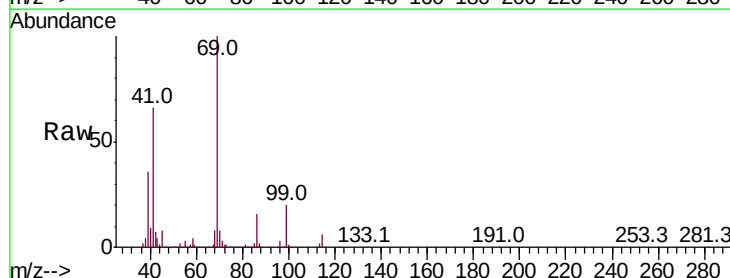
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

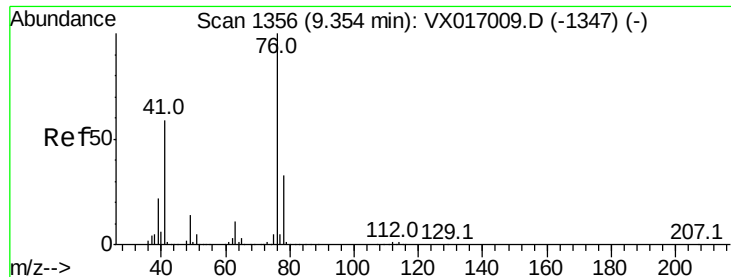
Tot Ion:	97	Resp:	165604
Ion	Ratio	Lower	Upper
97	100		
83	85.9	67.0	100.6
85	54.3	43.5	65.3
99	63.9	51.0	76.6



#56
Ethyl methacrylate
Concen: 55.846 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Tgt Ion:	69	Resp:	240164
Ion	Ratio	Lower	Upper
69	100		
41	66.1	53.6	80.4
39	36.1	28.2	42.2

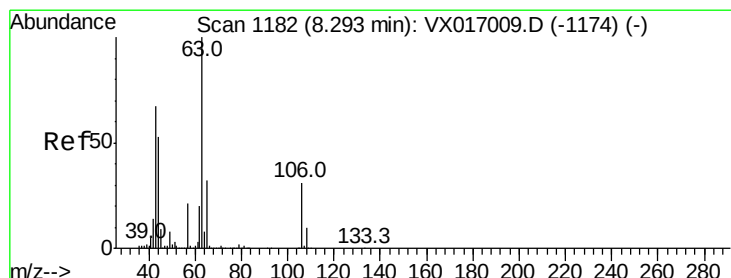
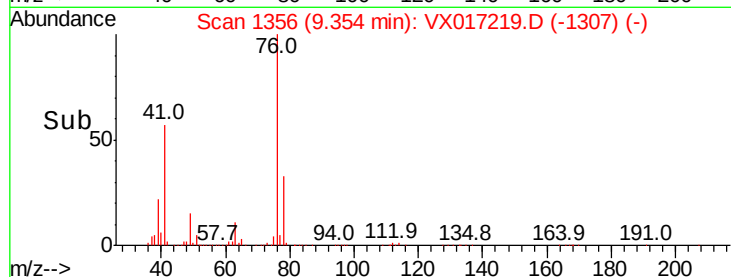
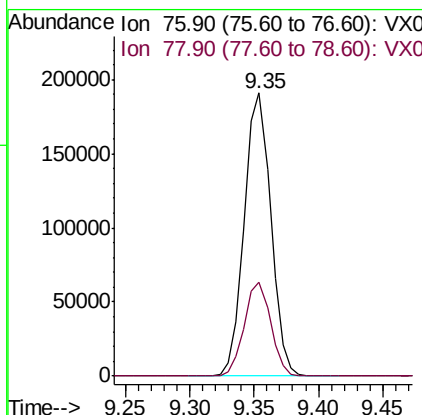
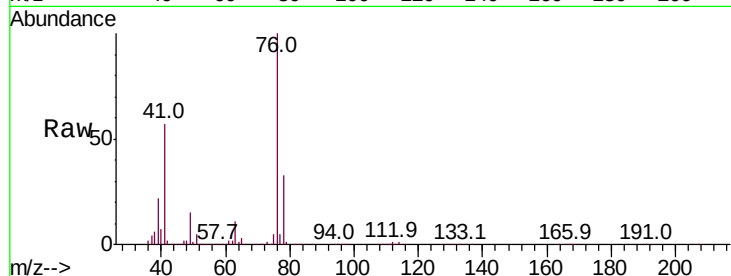




#57
 1,3-Dichloropropane
 Concen: 53.198 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX017219.D
 Acq: 07 Jul 2020 21:33

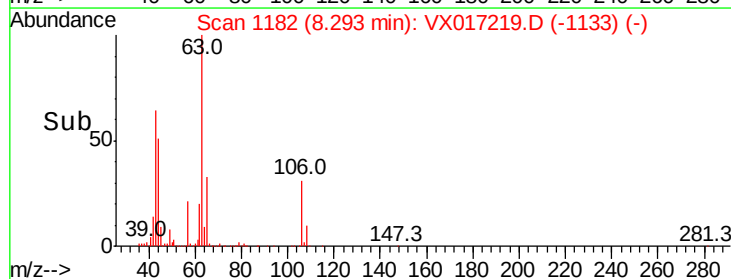
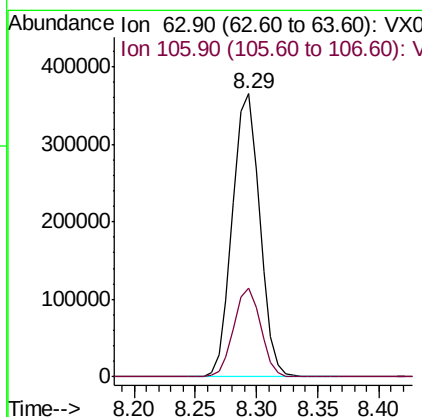
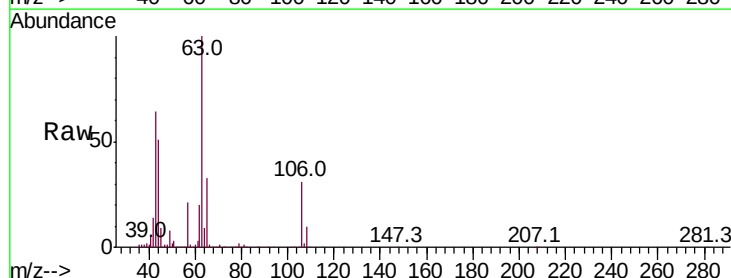
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

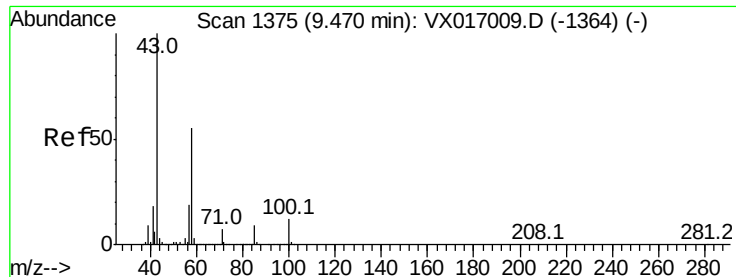
Tot Ion: 76 Resp: 271977
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 263.676 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX017219.D
 Acq: 07 Jul 2020 21:33

Tgt Ion: 63 Resp: 564341
 Ion Ratio Lower Upper
 63 100
 106 30.9 24.0 36.0

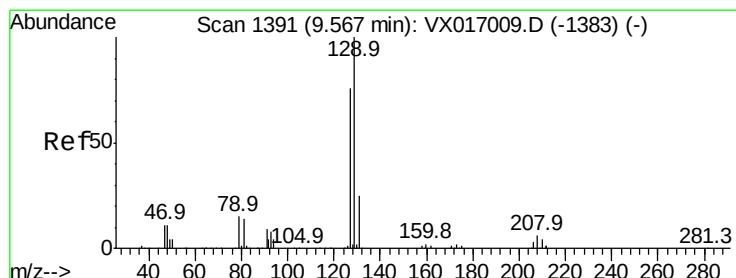
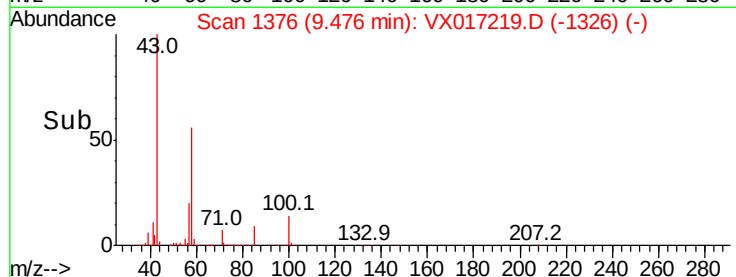
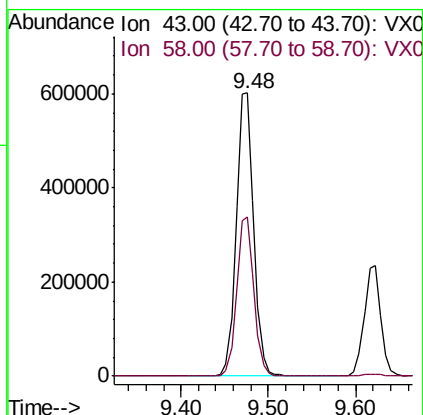
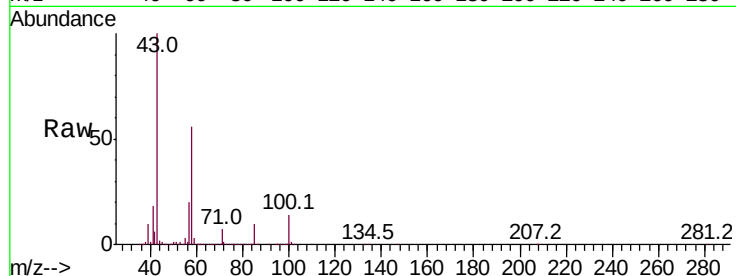




#59
2-Hexanone
Concen: 283.662 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

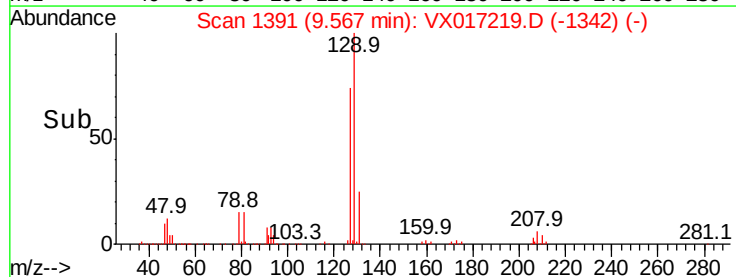
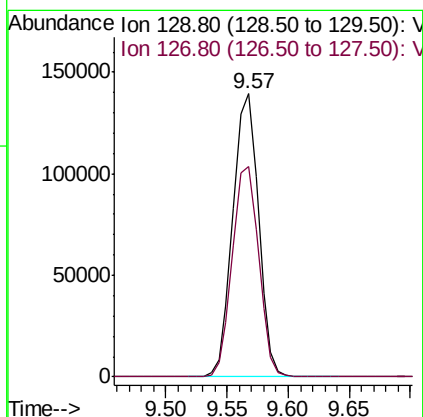
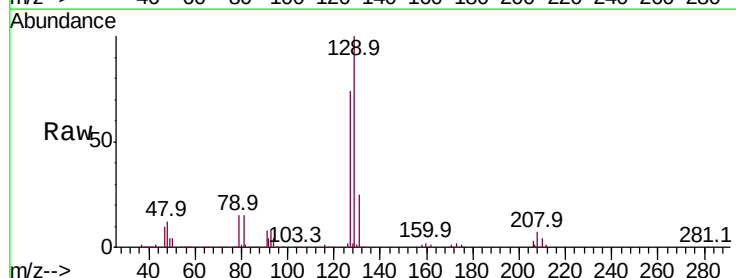
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

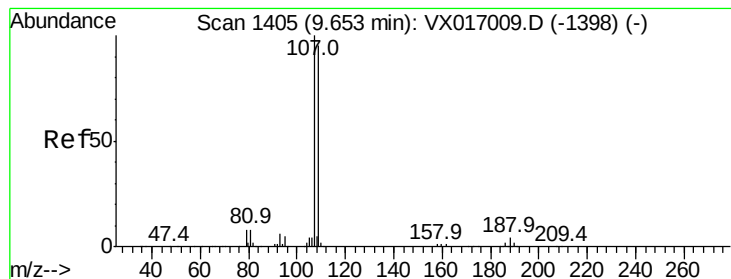
Tot Ion: 43 Resp: 839333
Ion Ratio Lower Upper
43 100
58 55.6 27.9 83.6



#60
Dibromochloromethane
Concen: 57.721 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Tgt Ion: 129 Resp: 202555
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.7





#61

1,2-Dibromoethane

Concen: 55.359 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

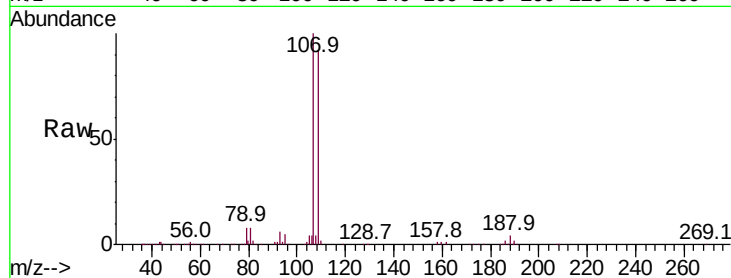
VSTDCCC050

Tot Ion:107 Resp: 179789

Ion Ratio Lower Upper

107 100

109 93.5 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

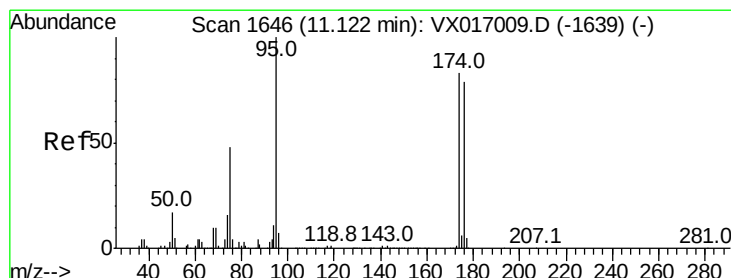
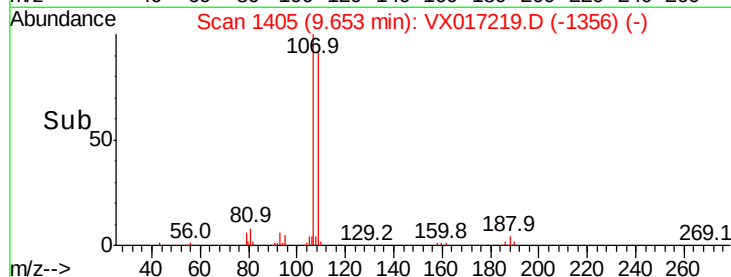
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.129 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

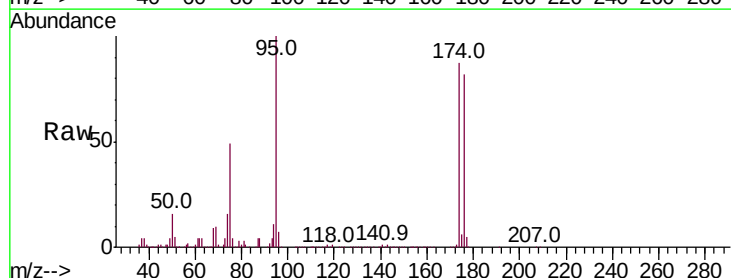
Tgt Ion: 95 Resp: 203312

Ion Ratio Lower Upper

95 100

174 83.7 0.0 164.0

176 80.6 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

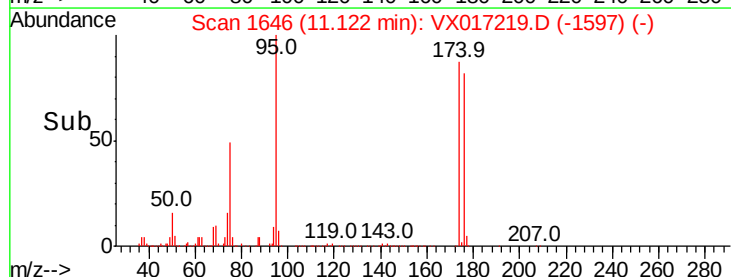
150000

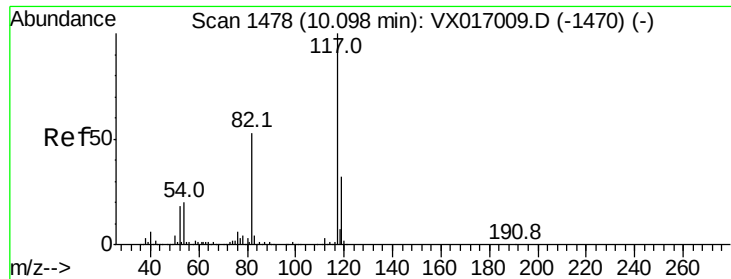
100000

50000

0

Time-->

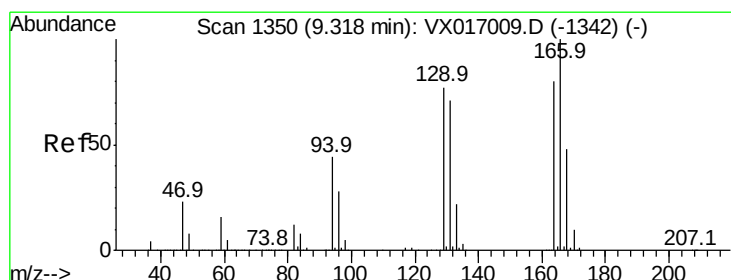
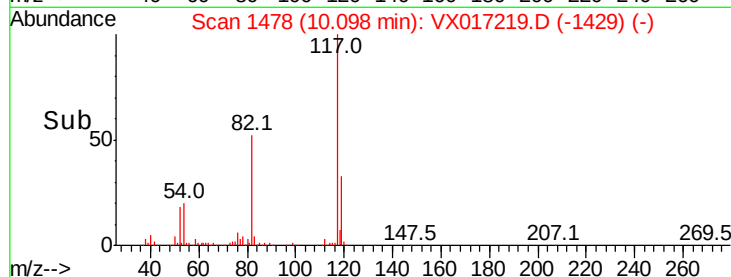
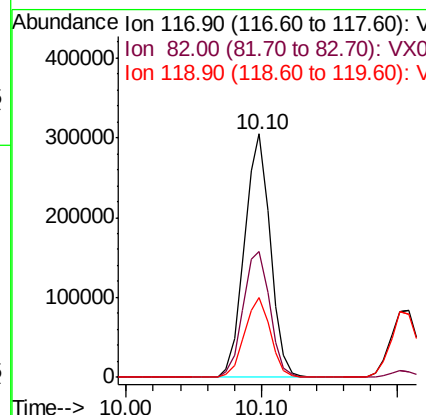
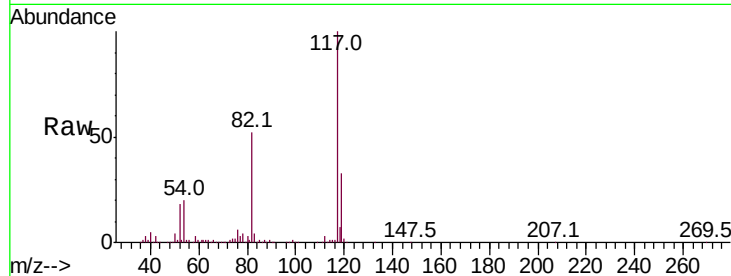




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

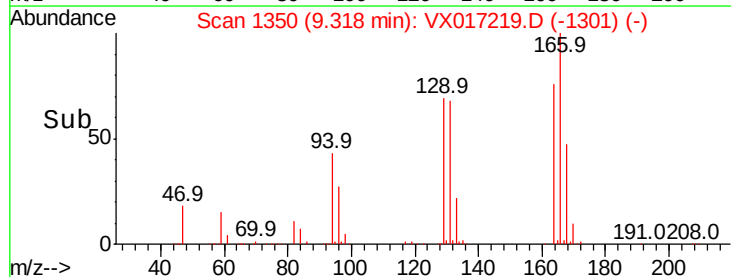
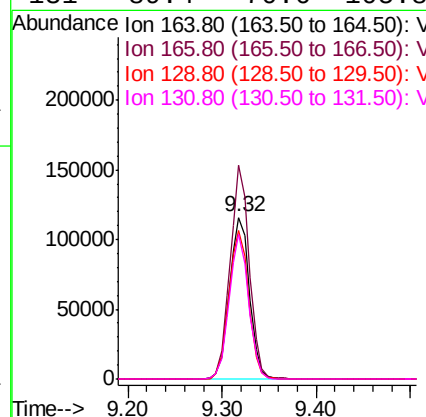
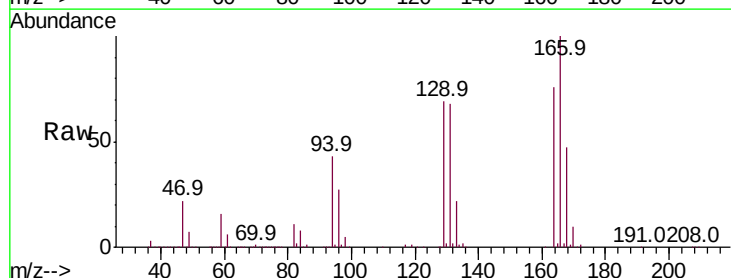
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

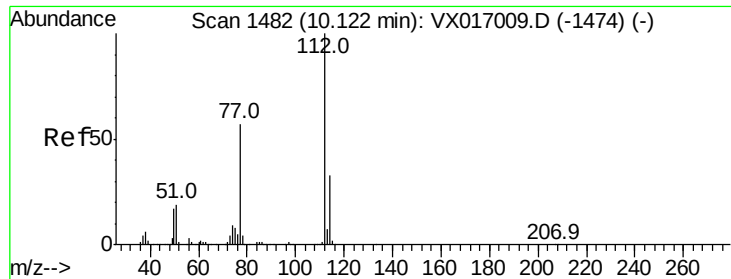
Tot Ion:117 Resp: 403331
Ion Ratio Lower Upper
117 100
82 51.8 42.6 63.8
119 32.7 25.4 38.2



#64
Tetrachloroethene
Concen: 52.449 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Tgt Ion:164 Resp: 170729
Ion Ratio Lower Upper
164 100
166 132.2 99.4 149.0
129 91.6 76.3 114.5
131 89.4 70.6 105.8

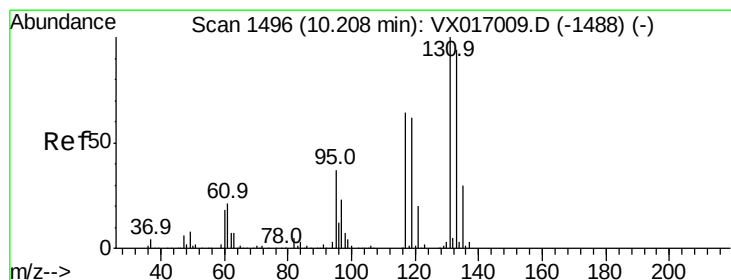
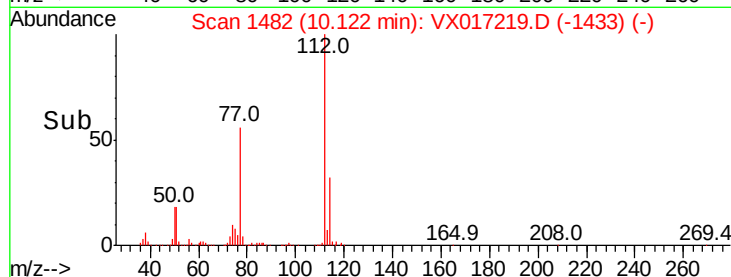
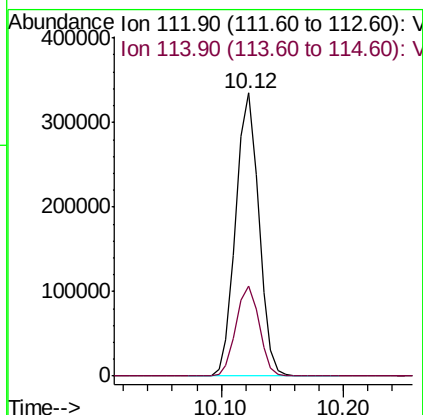
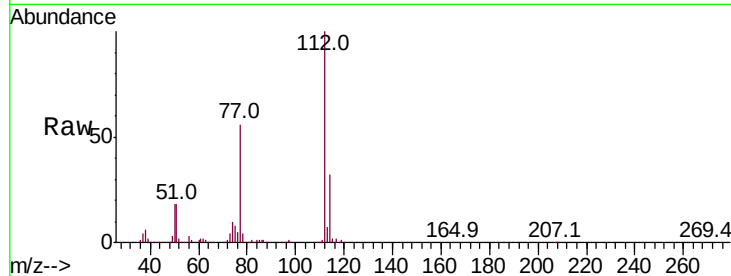




#65
Chlorobenzene
Concen: 52.540 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

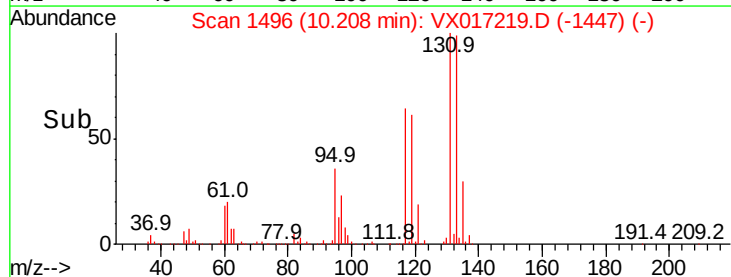
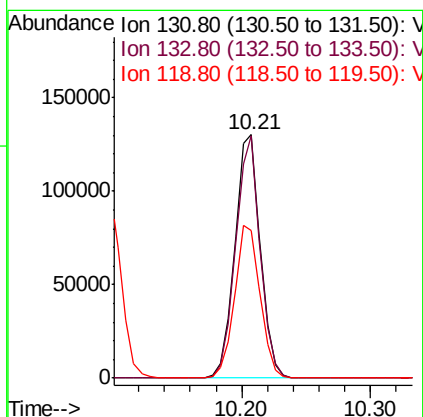
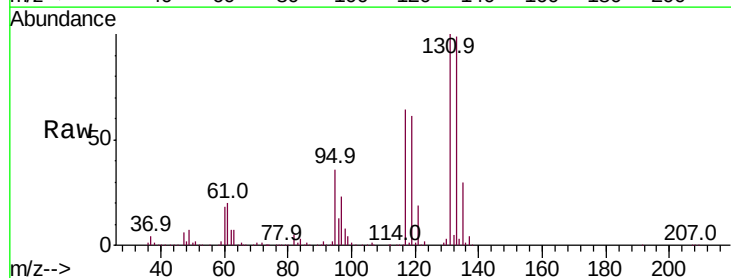
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

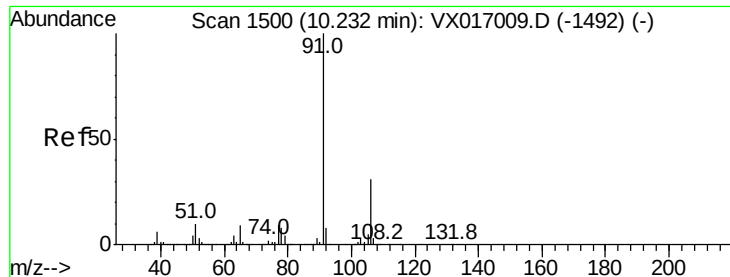
Tot Ion:112 Resp: 437364
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 55.741 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Tgt Ion:131 Resp: 178826
Ion Ratio Lower Upper
131 100
133 95.6 47.3 141.9
119 62.9 31.9 95.5





#67

Ethyl Benzene

Concen: 54.583 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

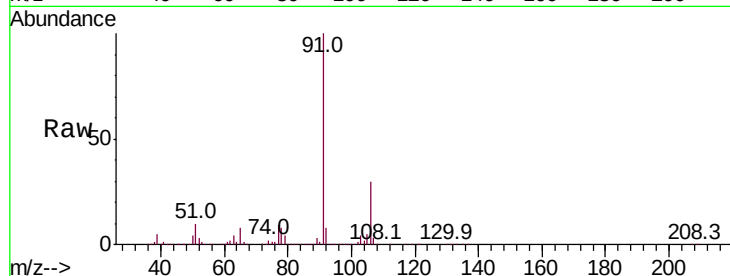
VSTDCCC050

Tot Ion: 91 Resp: 758812

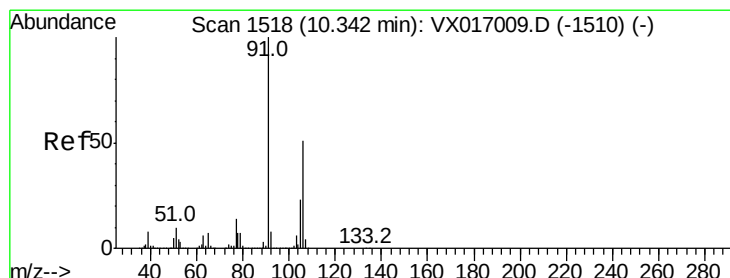
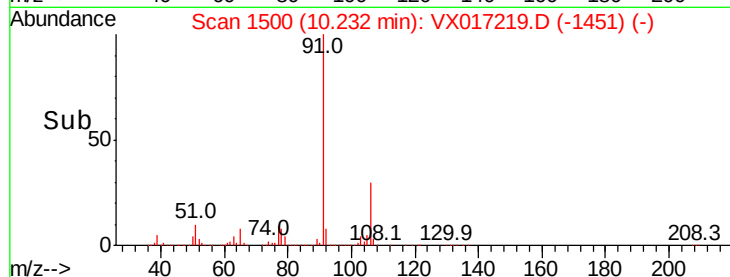
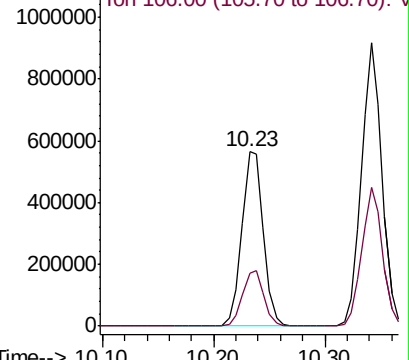
Ion Ratio Lower Upper

91 100

106 30.4 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VX017009.D (-1492) (-)



#68

m/p-Xylenes

Concen: 110.061 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017219.D

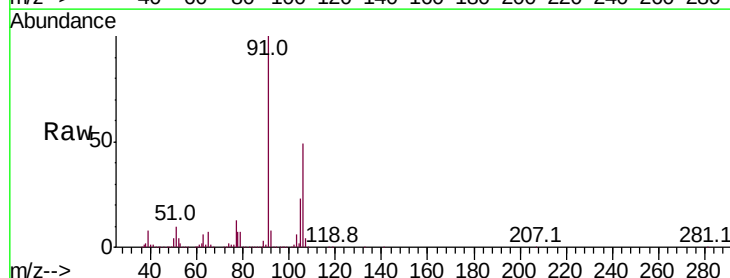
Acq: 07 Jul 2020 21:33

Tgt Ion: 106 Resp: 587498

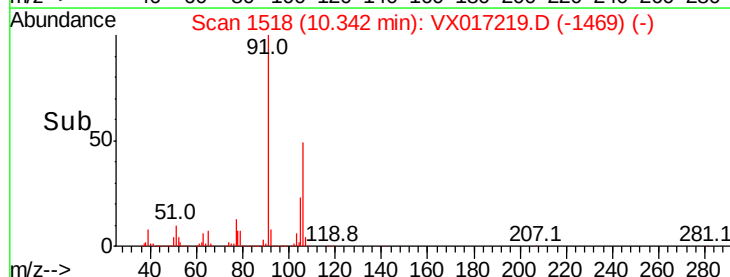
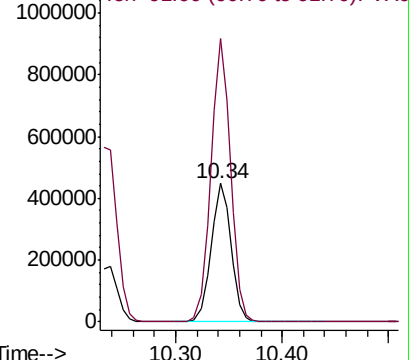
Ion Ratio Lower Upper

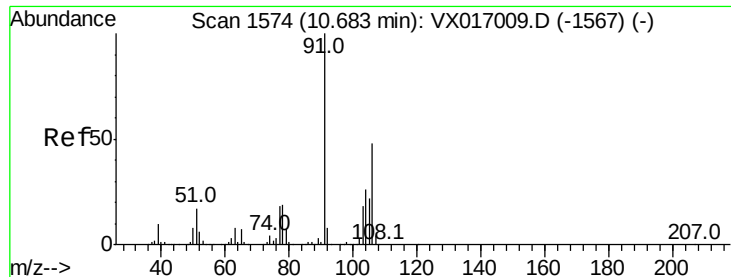
106 100

91 201.2 158.6 238.0



Abundance Ion 106.00 (105.70 to 106.70): VX017009.D (-1510) (-)

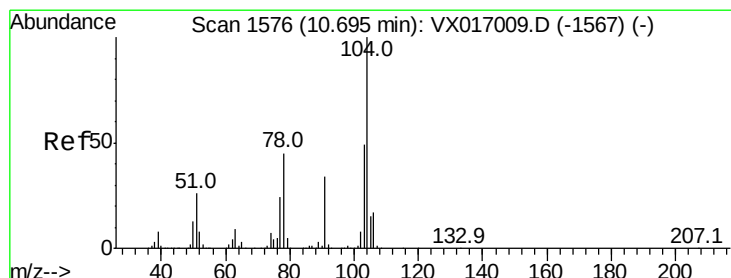
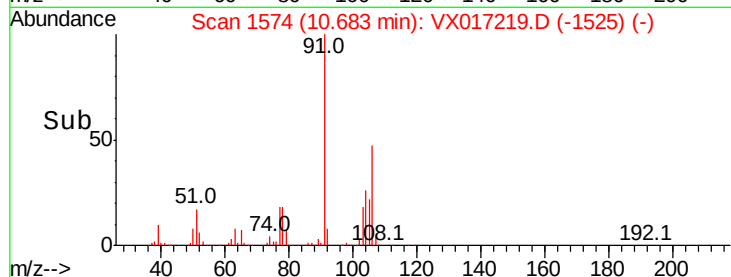
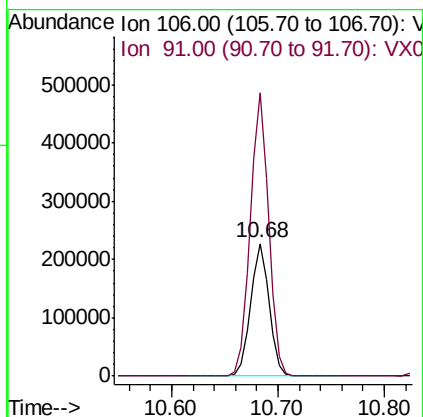
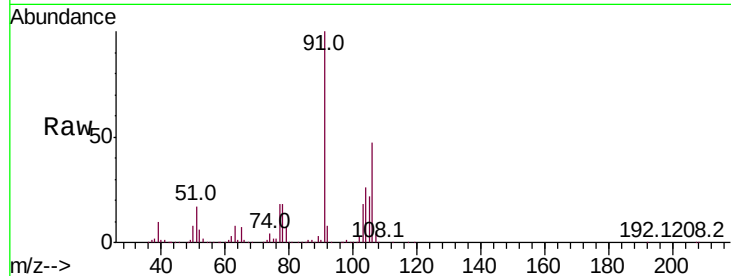




#69
o-Xylene
Concen: 54.874 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

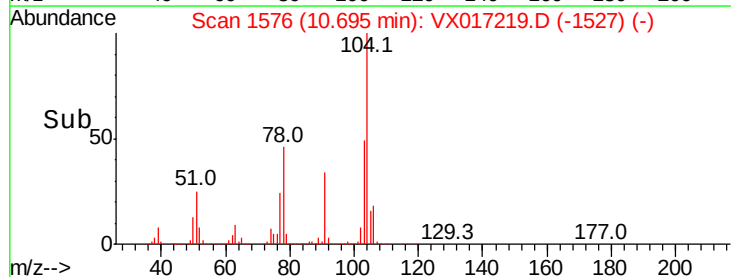
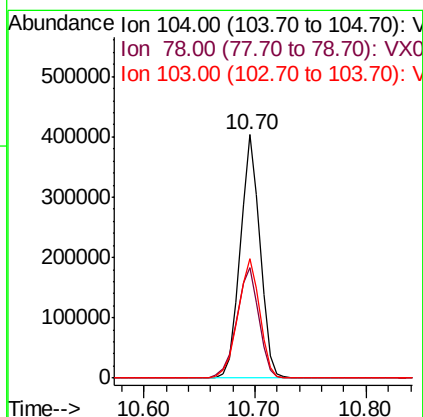
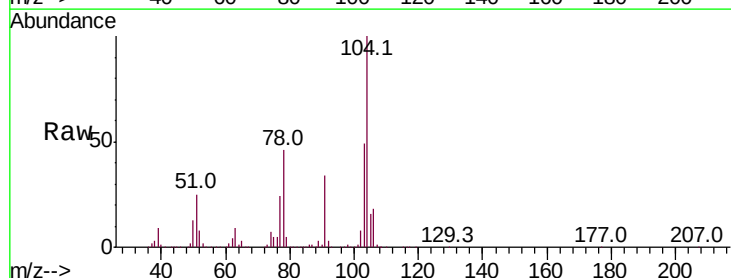
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

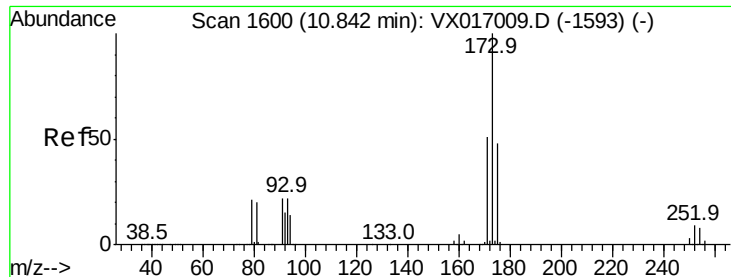
Tot Ion:106 Resp: 278648
Ion Ratio Lower Upper
106 100
91 212.3 105.6 316.7



#70
Styrene
Concen: 57.374 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Tgt Ion:104 Resp: 496124
Ion Ratio Lower Upper
104 100
78 50.8 39.5 59.3
103 54.1 43.0 64.6





#71

Bromoform

Concen: 61.816 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

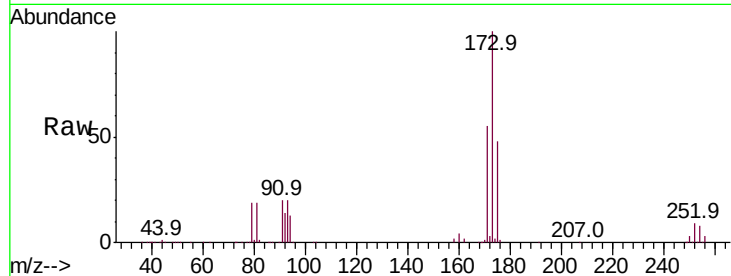
Tot Ion:173 Resp: 157262

Ion Ratio Lower Upper

173 100

175 48.5 24.5 73.5

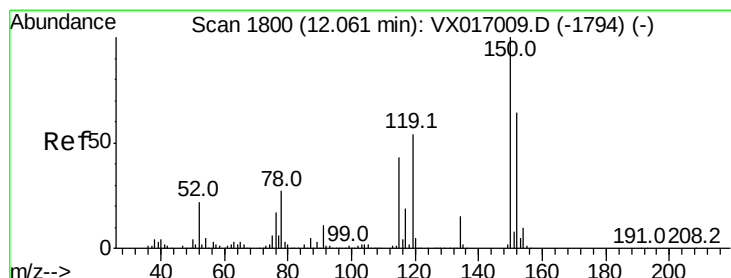
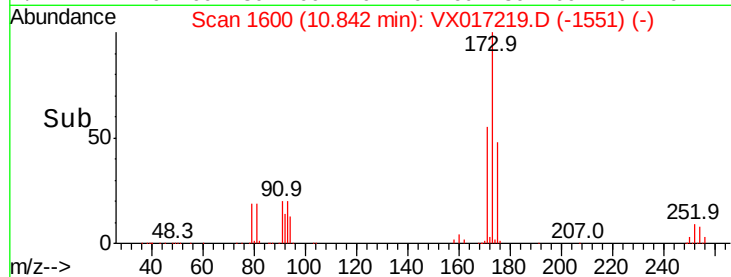
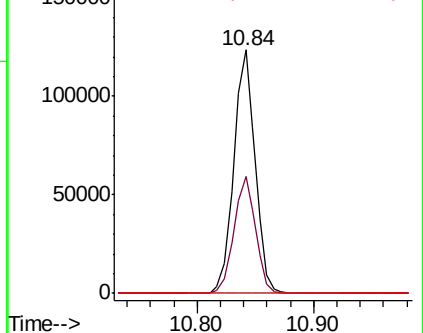
254 0.1 0.1 0.1



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: VX017219.D

Acq: 07 Jul 2020 21:33

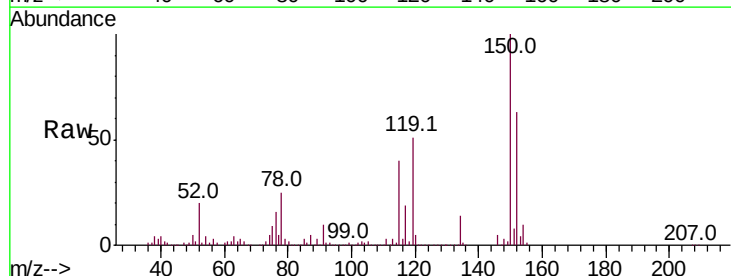
Tgt Ion:152 Resp: 235111

Ion Ratio Lower Upper

152 100

115 79.3 40.9 122.7

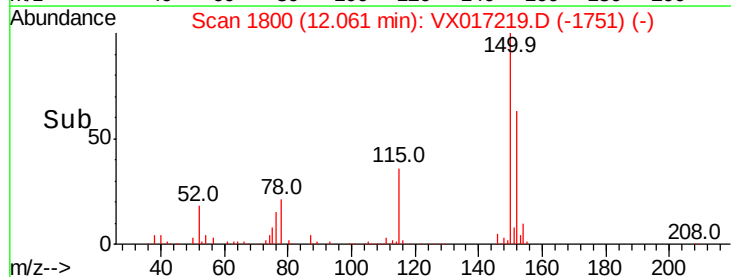
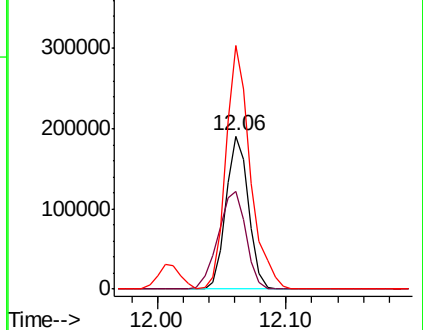
150 171.4 0.0 351.6

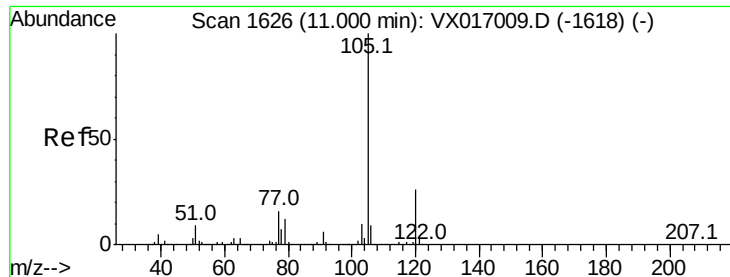


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.371 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

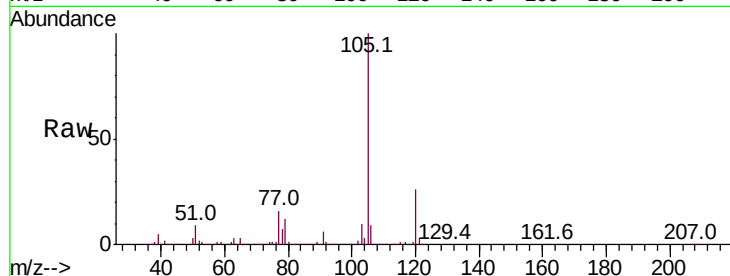
VSTDCCC050

Tot Ion:105 Resp: 760319

Ion Ratio Lower Upper

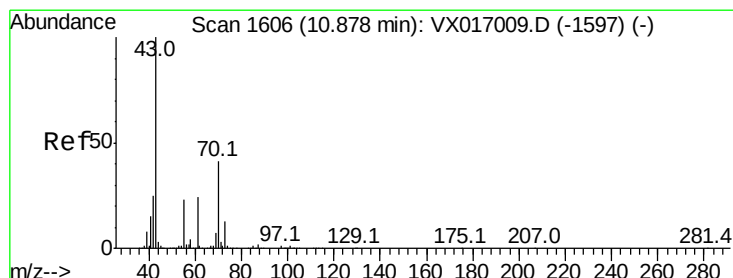
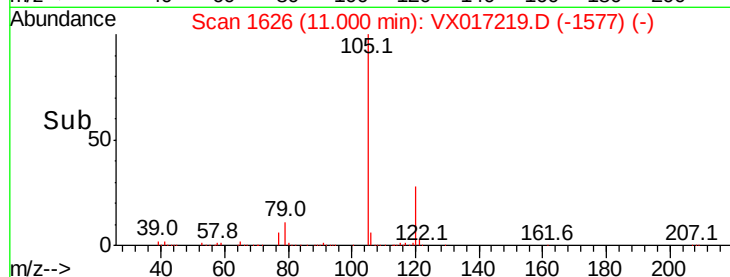
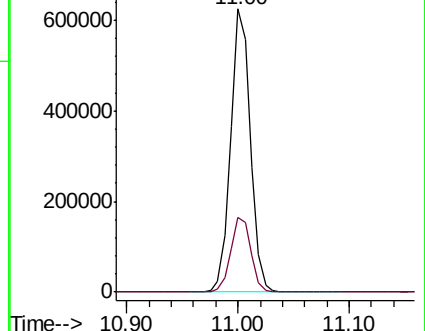
105 100

120 27.2 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.094 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Tgt Ion: 43 Resp: 322603

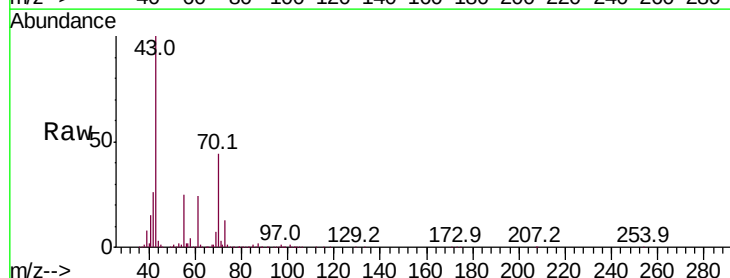
Ion Ratio Lower Upper

43 100

70 44.5 34.2 51.2

55 25.0 19.2 28.8

61 24.8 19.6 29.4

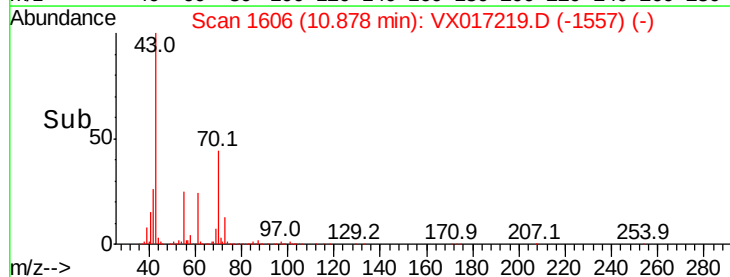
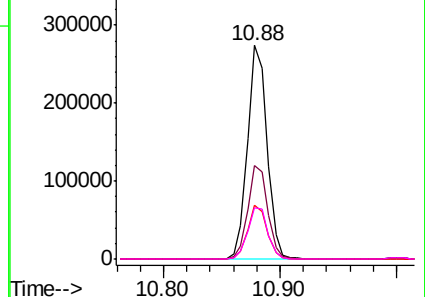


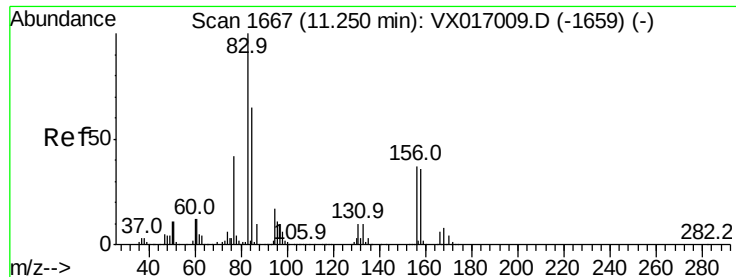
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 49.278 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

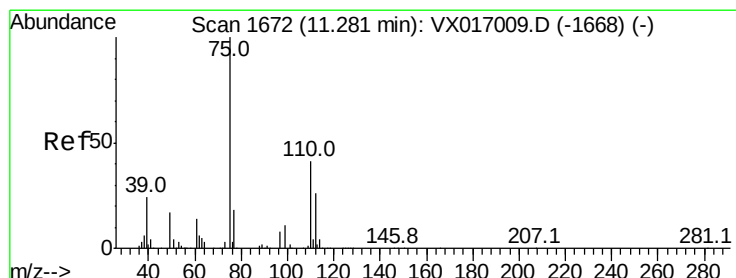
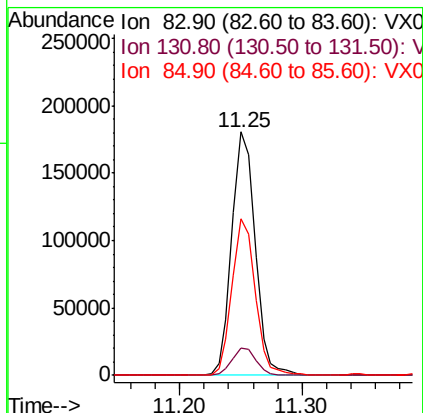
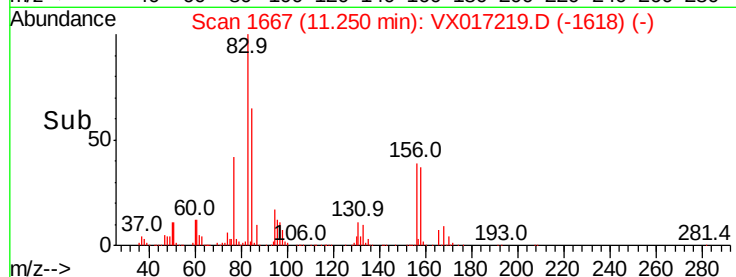
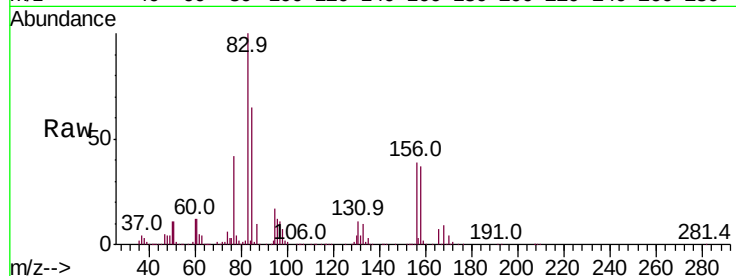
Tot Ion: 83 Resp: 238711

Ion Ratio Lower Upper

83 100

131 11.4 5.4 16.2

85 64.1 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 63.805 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017219.D

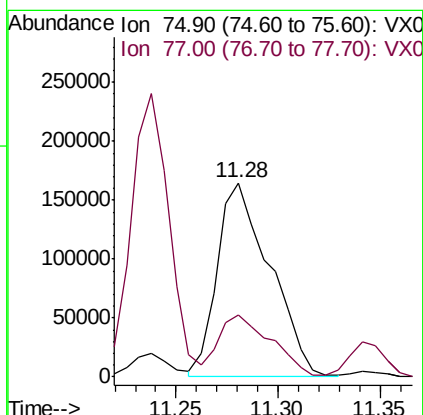
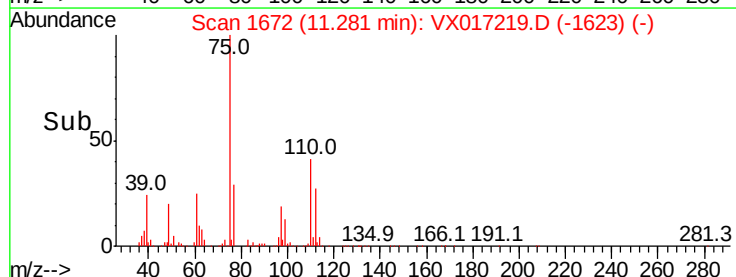
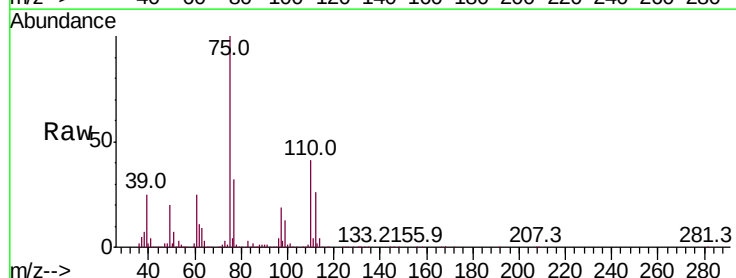
Acq: 07 Jul 2020 21:33

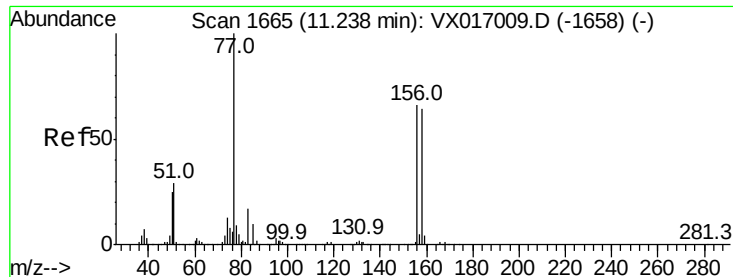
Tgt Ion: 75 Resp: 294992

Ion Ratio Lower Upper

75 100

77 31.8 20.2 60.6





#77

Bromobenzene

Concen: 50.634 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

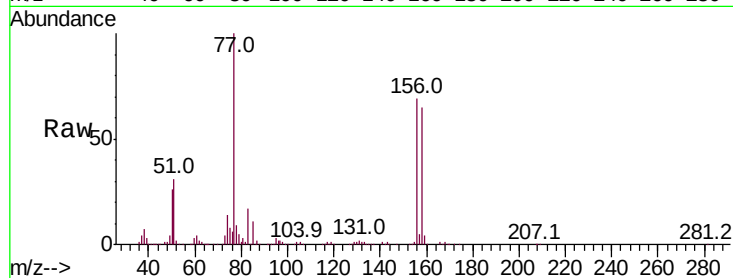
Tot Ion:156 Resp: 214309

Ion Ratio Lower Upper

156 100

77 145.1 76.9 230.7

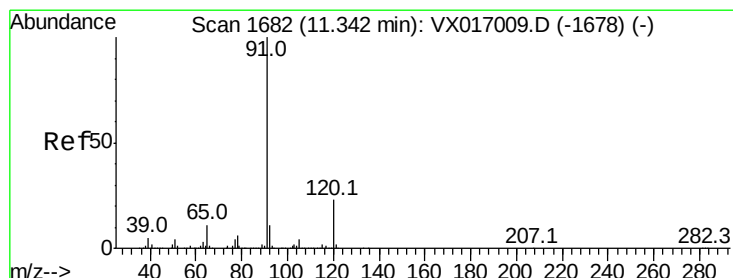
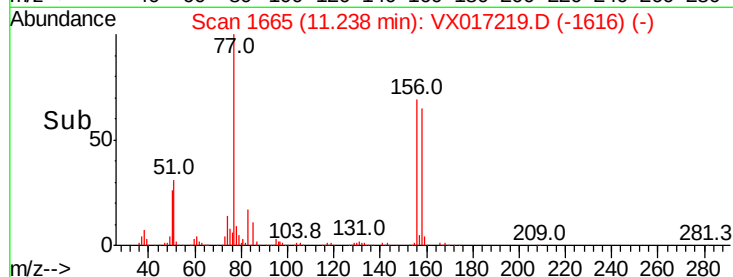
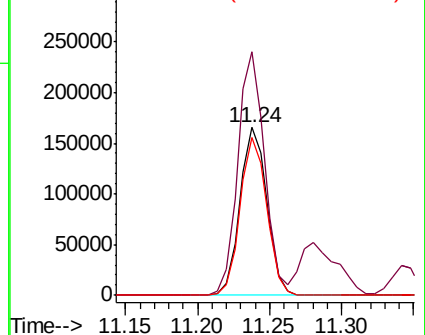
158 93.5 47.9 143.6



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: 49.965 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017219.D

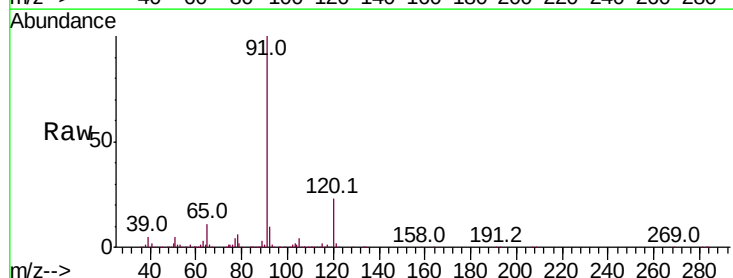
Acq: 07 Jul 2020 21:33

Tgt Ion: 91 Resp: 870135

Ion Ratio Lower Upper

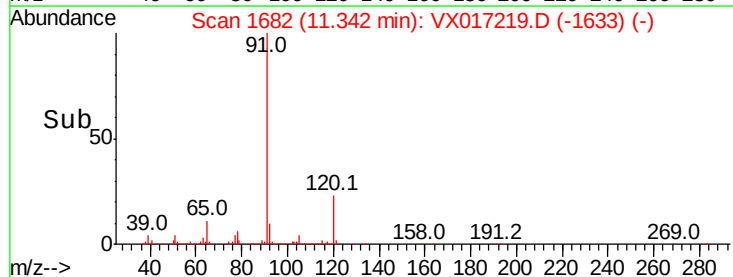
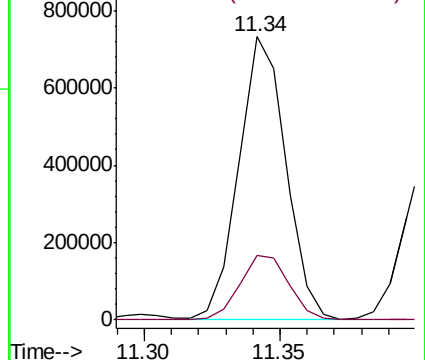
91 100

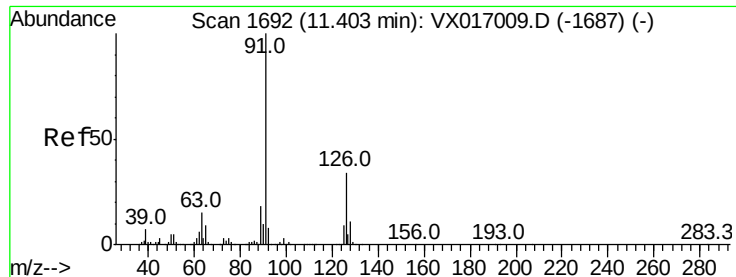
120 24.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

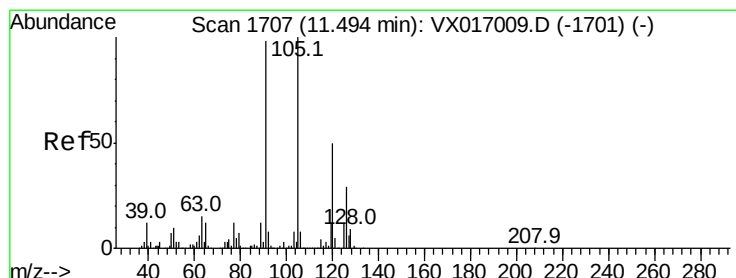
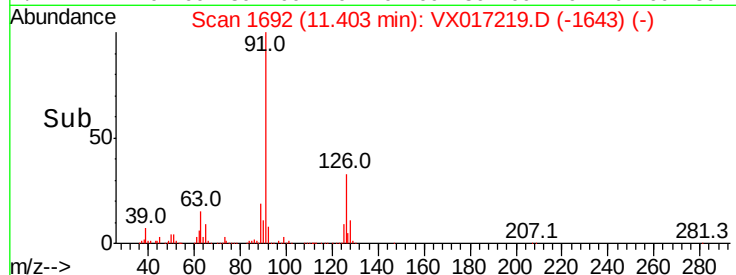
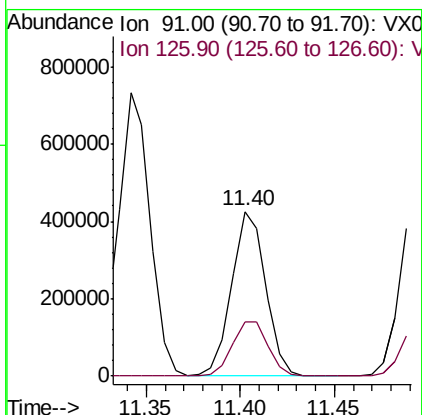
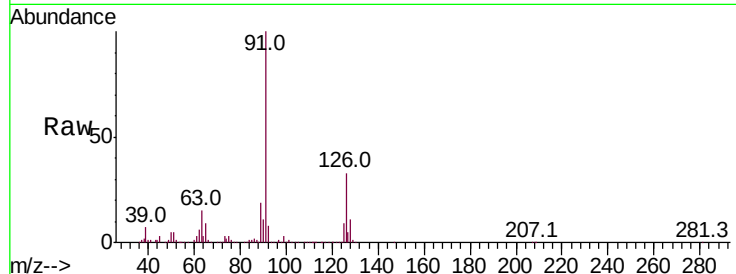




#79
 2-Chlorotoluene
 Concen: 50.378 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX017219.D
 Acq: 07 Jul 2020 21:33

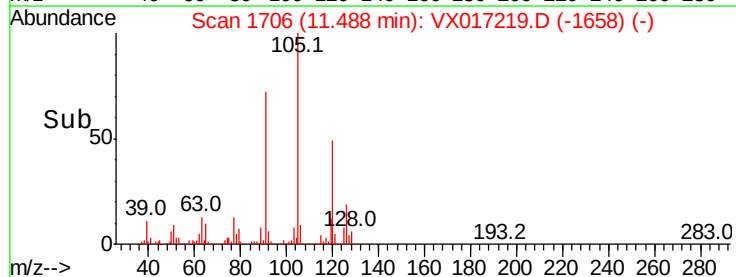
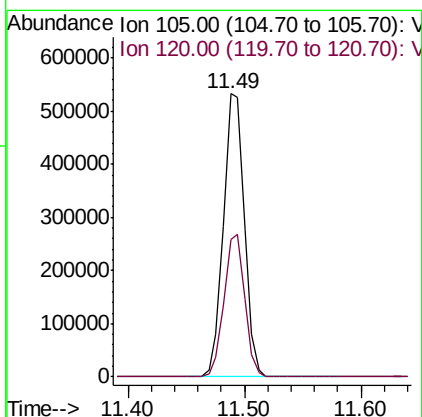
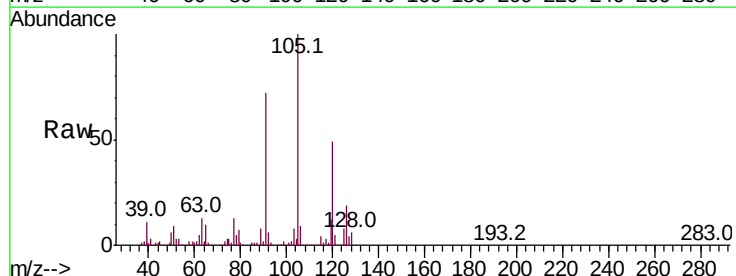
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

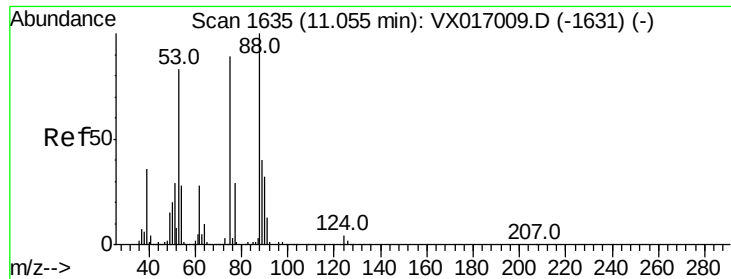
Tot Ion: 91 Resp: 530970
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 51.750 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017219.D
 Acq: 07 Jul 2020 21:33

Tgt Ion: 105 Resp: 661053
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 48.032 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

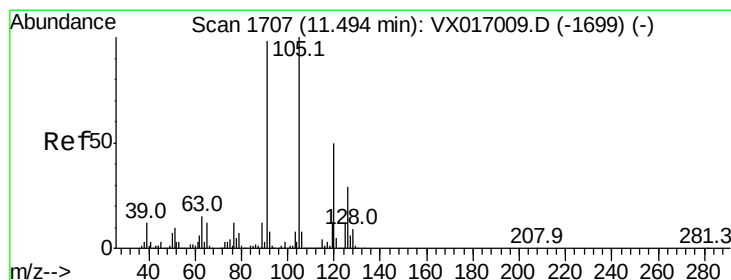
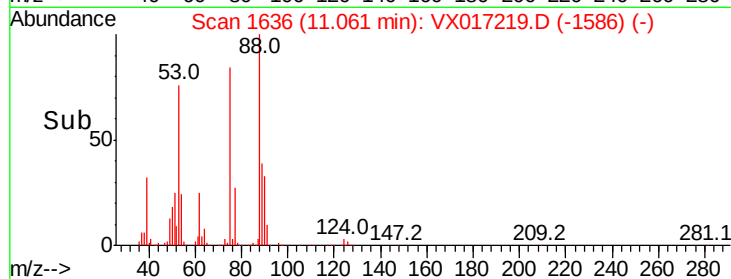
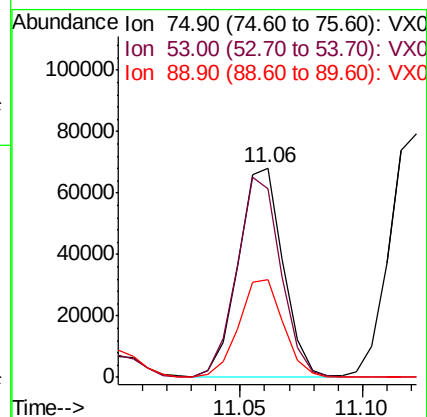
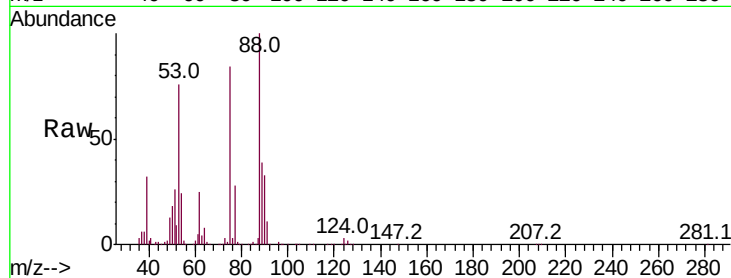
Tot Ion: 75 Resp: 85753

Ion Ratio Lower Upper

75 100

53 95.5 72.4 108.6

89 47.0 37.0 55.4



#82

4-Chlorotoluene

Concen: 50.568 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017219.D

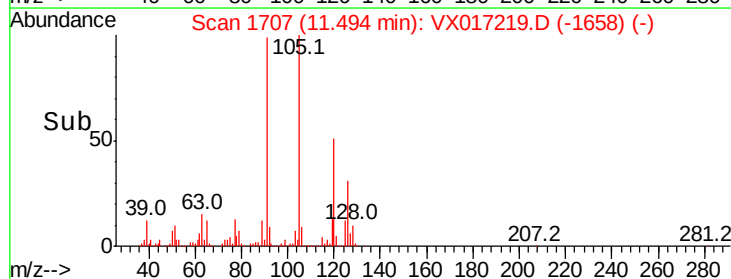
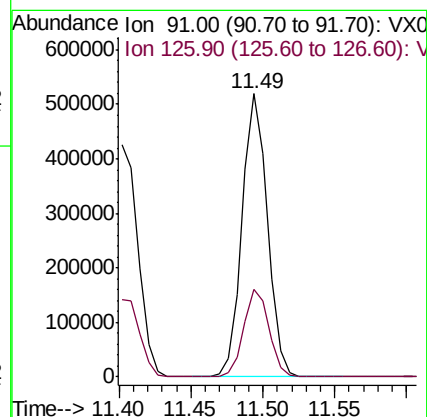
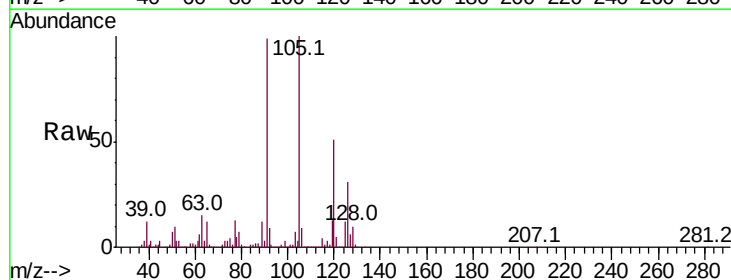
Acq: 07 Jul 2020 21:33

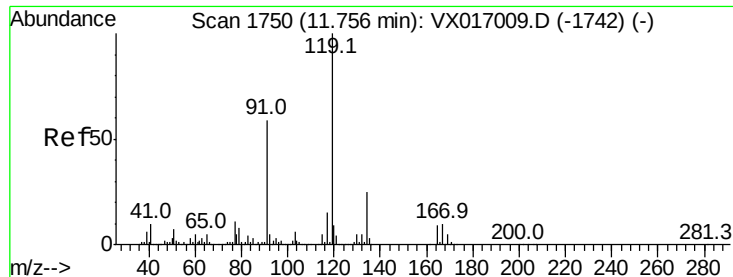
Tgt Ion: 91 Resp: 637139

Ion Ratio Lower Upper

91 100

126 30.9 15.2 45.5





#83

tert-Butylbenzene

Concen: 52.066 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

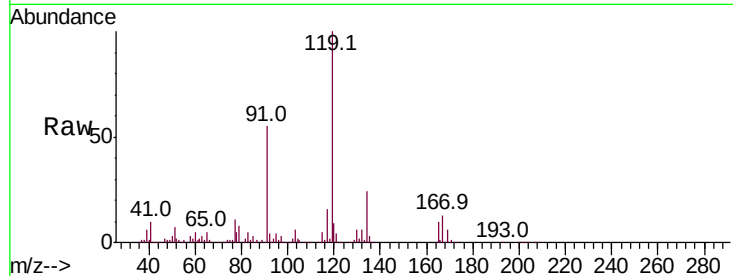
Tot Ion:119 Resp: 652887

Ion Ratio Lower Upper

119 100

91 55.7 28.3 84.9

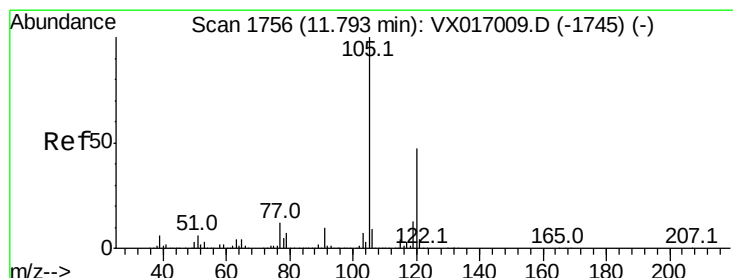
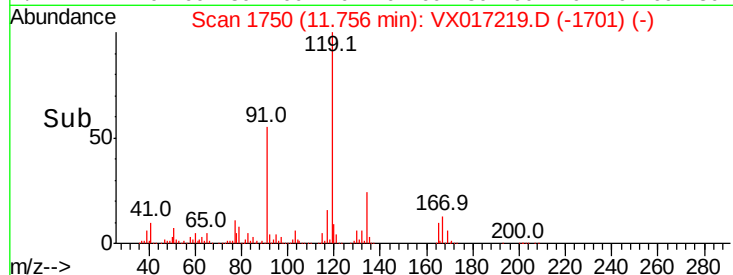
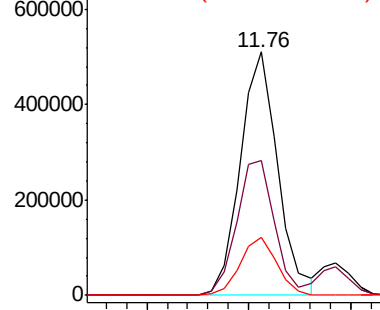
134 23.2 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.579 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX017219.D

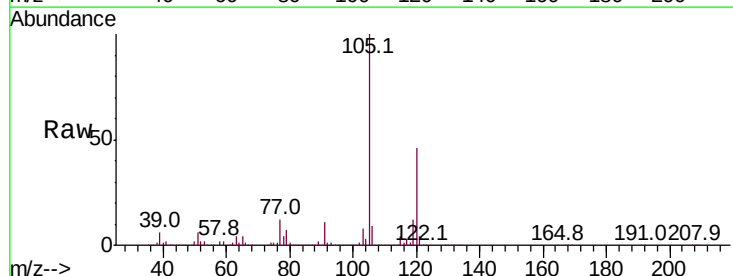
Acq: 07 Jul 2020 21:33

Tgt Ion:105 Resp: 681386

Ion Ratio Lower Upper

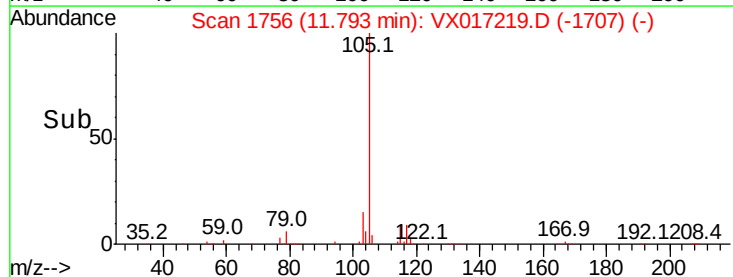
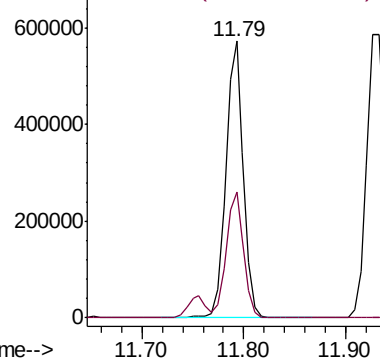
105 100

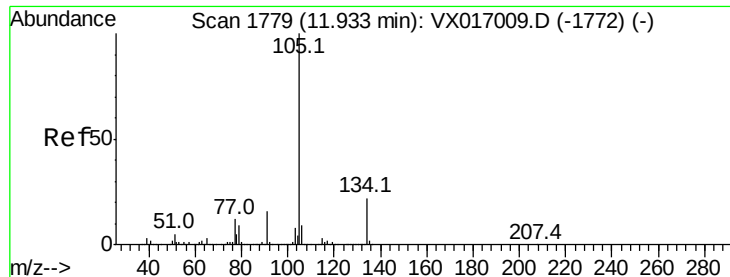
120 45.5 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

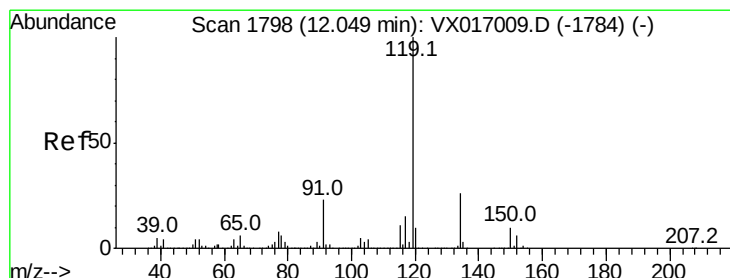
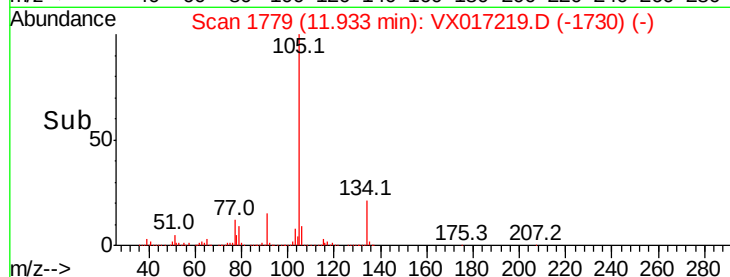
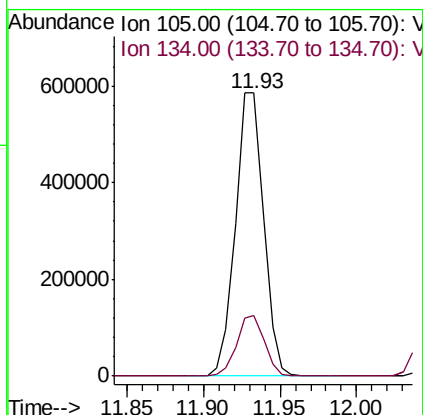
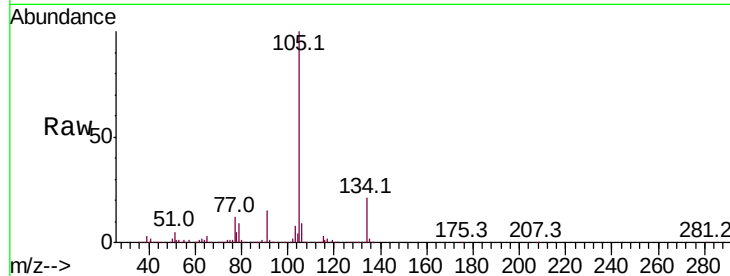




#85
 sec-Butylbenzene
 Concen: 50.709 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX017219.D
 Acq: 07 Jul 2020 21:33

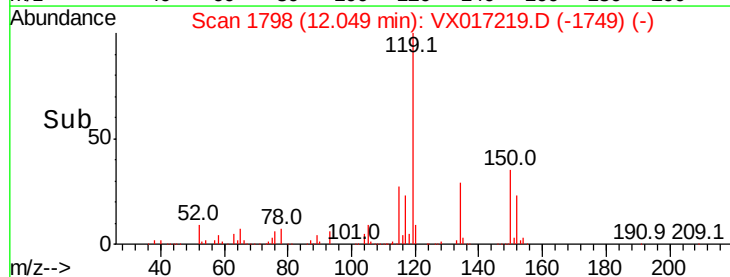
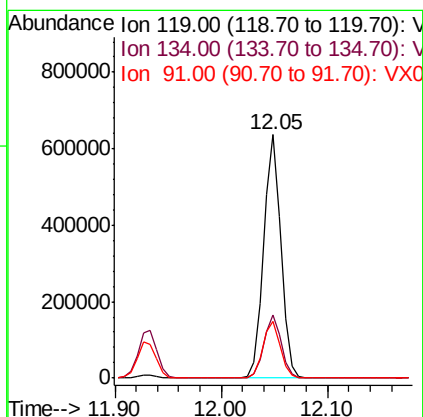
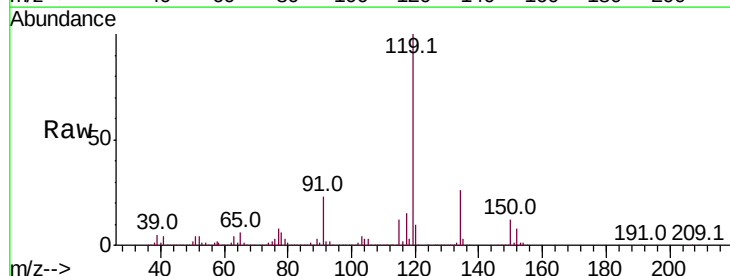
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

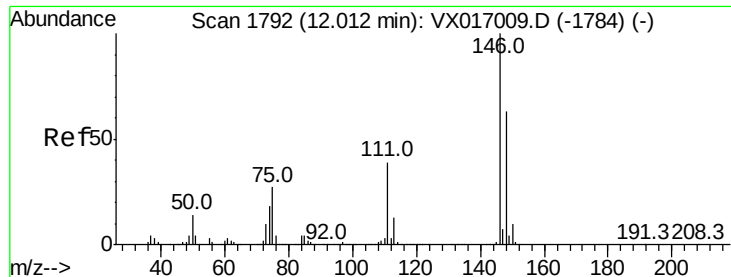
Tot Ion:105 Resp: 747440
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 52.754 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017219.D
 Acq: 07 Jul 2020 21:33

Tgt Ion:119 Resp: 723871
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 23.5 11.8 35.4

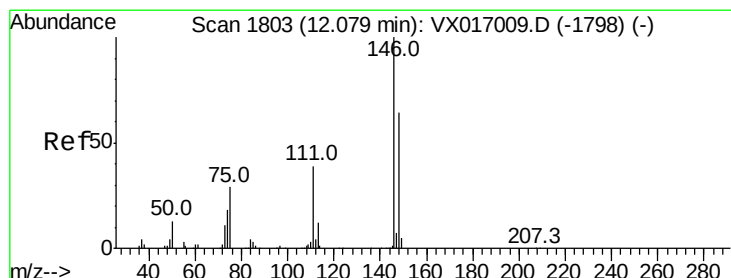
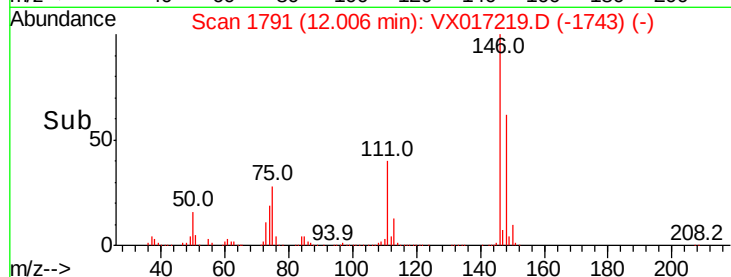
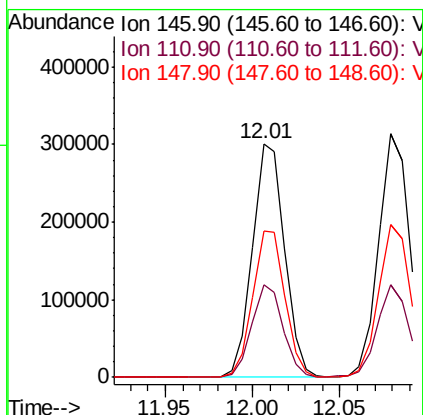
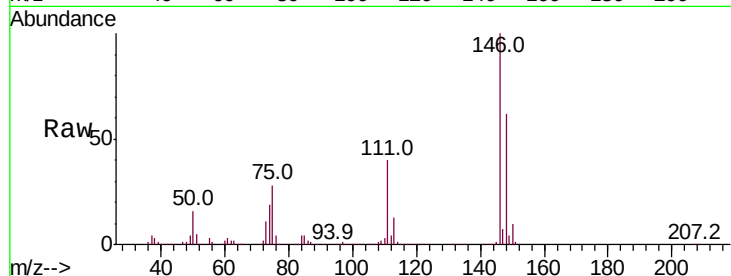




#87
 1,3-Dichlorobenzene
 Concen: 50.069 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX017219.D
 Acq: 07 Jul 2020 21:33

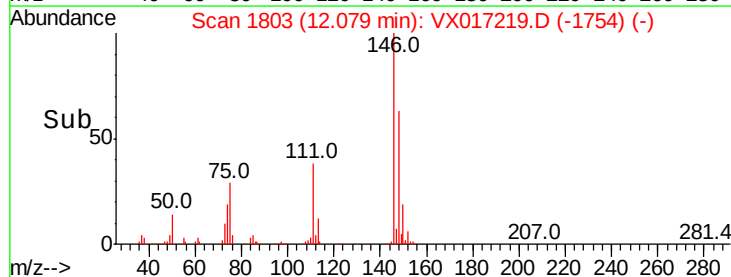
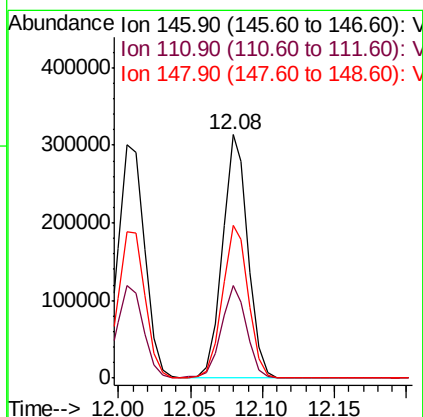
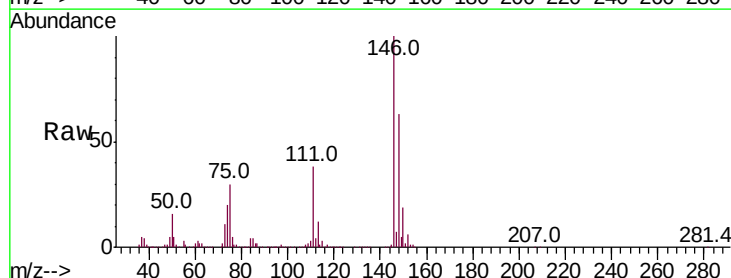
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

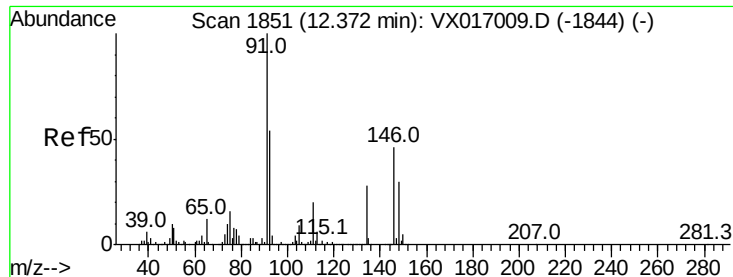
Tot Ion:146 Resp: 384882
 Ion Ratio Lower Upper
 146 100
 111 39.0 20.4 61.2
 148 63.1 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 53.518 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017219.D
 Acq: 07 Jul 2020 21:33

Tgt Ion:146 Resp: 387868
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.5 58.5
 148 63.8 31.9 95.7

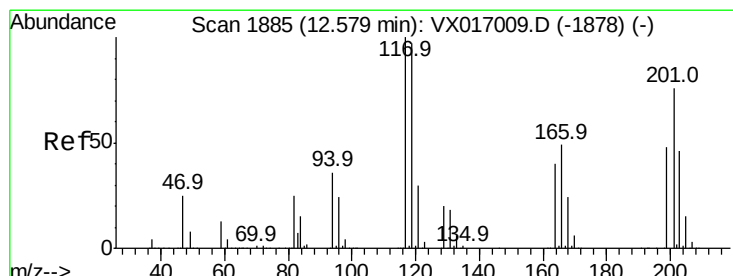
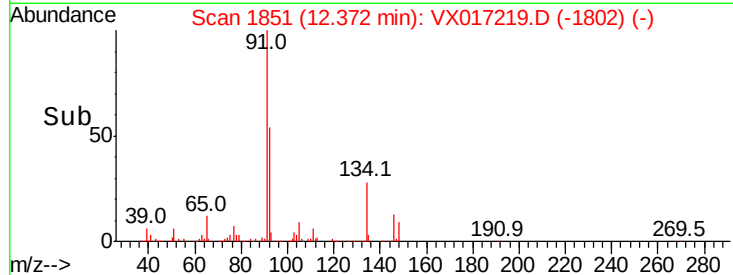
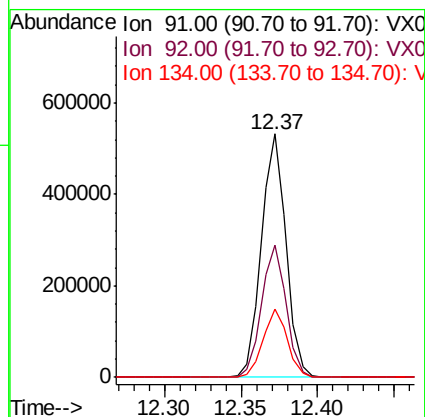
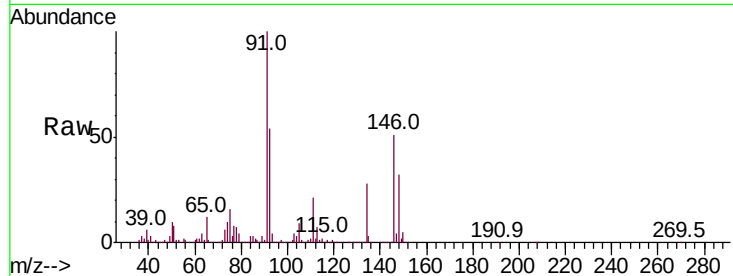




#89
n-Butylbenzene
Concen: 48.857 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

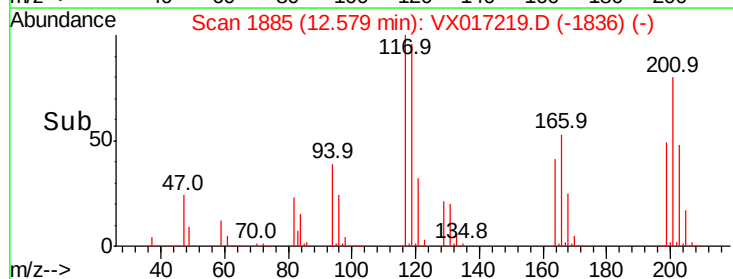
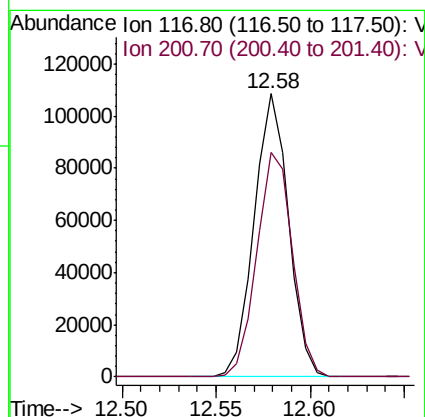
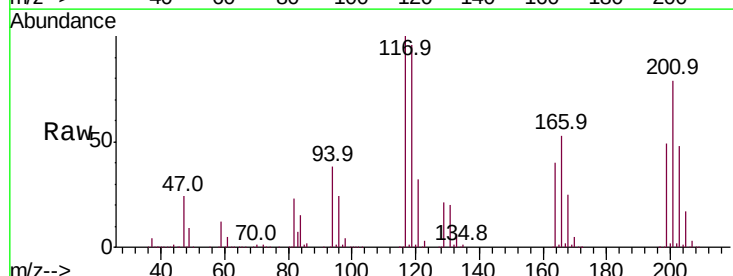
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

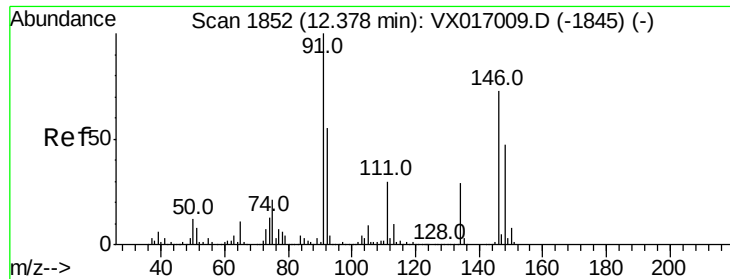
Tot Ion: 91 Resp: 598597
Ion Ratio Lower Upper
91 100
92 54.2 27.2 81.6
134 27.5 13.6 40.7



#90
Hexachloroethane
Concen: 50.914 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Tgt Ion: 117 Resp: 137770
Ion Ratio Lower Upper
117 100
201 81.9 39.4 118.2





#91

1,2-Dichlorobenzene

Concen: 50.425 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

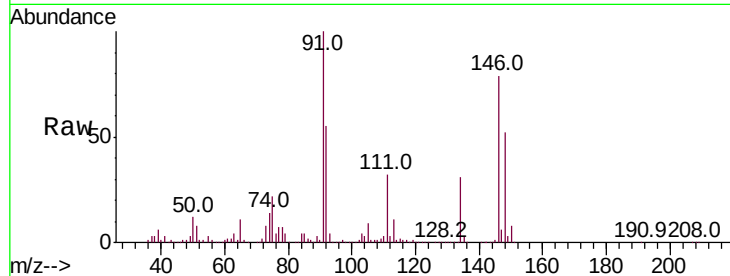
Tot Ion:146 Resp: 362322

Ion Ratio Lower Upper

146 100

111 40.9 20.6 61.9

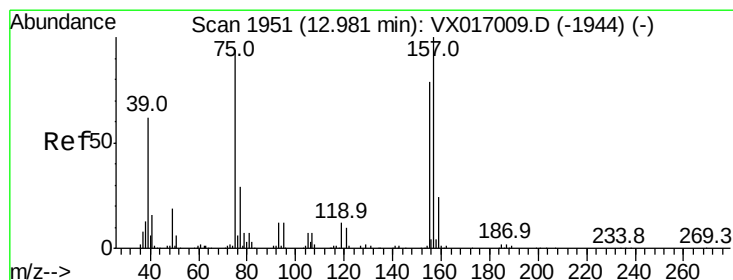
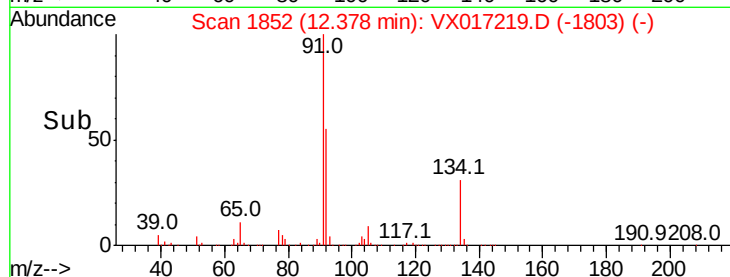
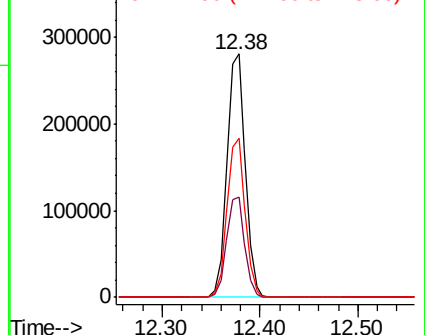
148 64.5 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.215 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

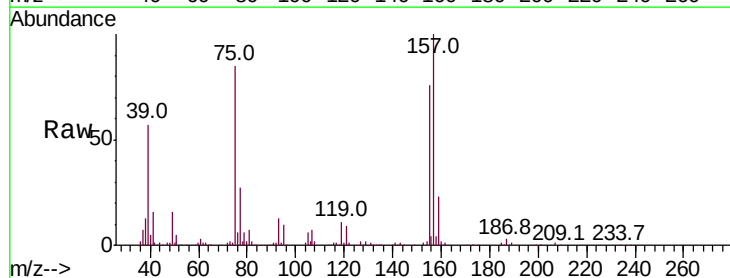
Tgt Ion: 75 Resp: 55717

Ion Ratio Lower Upper

75 100

155 92.5 45.1 135.2

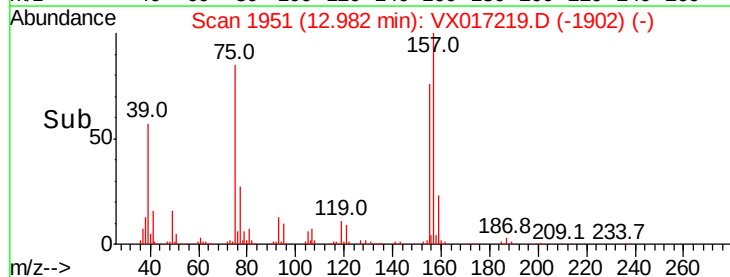
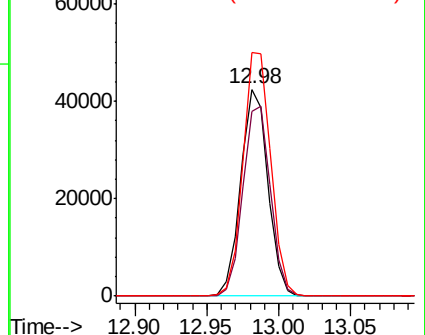
157 119.7 56.5 169.3

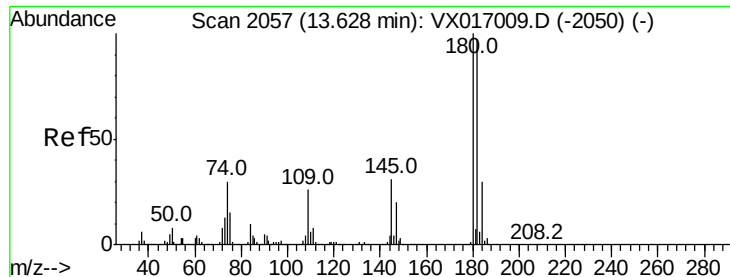


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

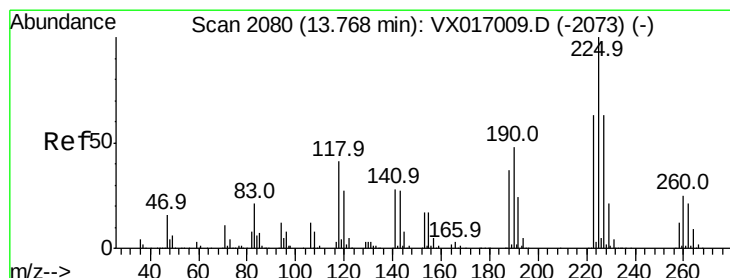
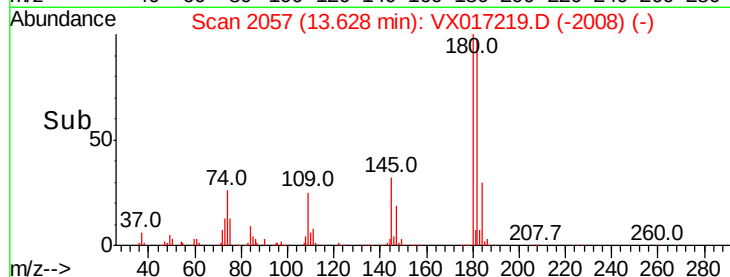
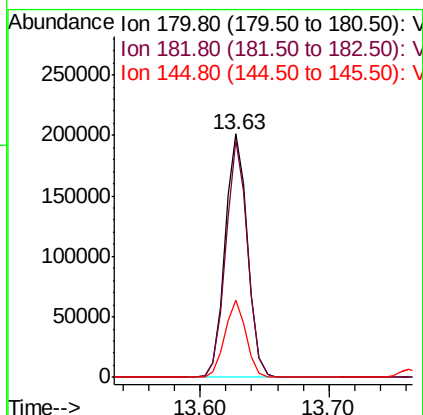
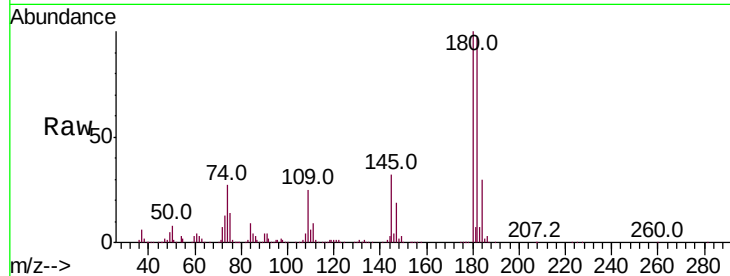




#93
 1,2,4-Trichlorobenzene
 Concen: 50.020 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017219.D
 Acq: 07 Jul 2020 21:33

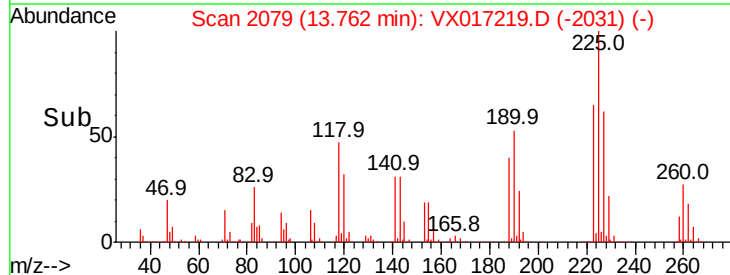
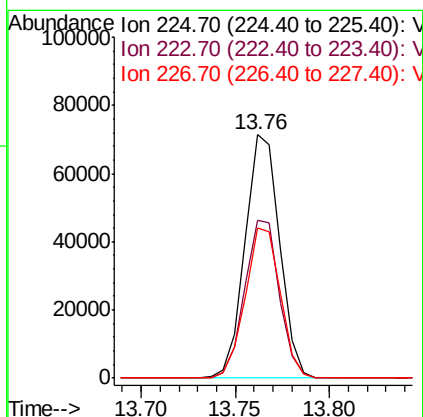
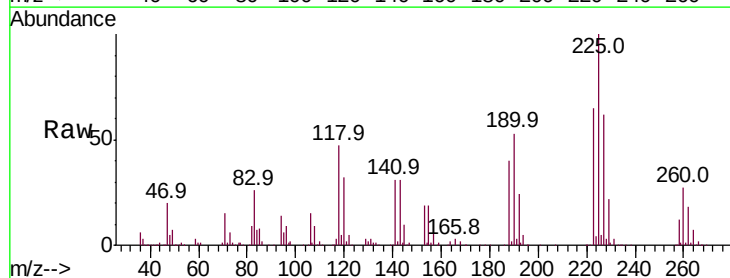
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

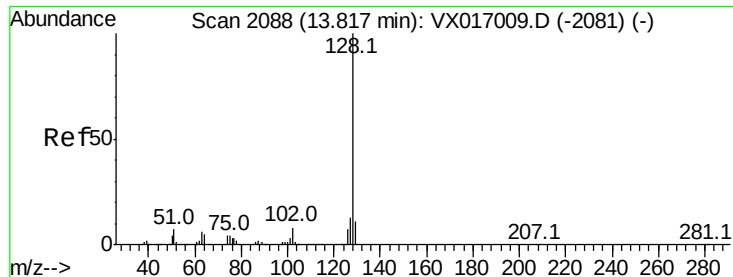
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.3	141.9
145	30.3	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 48.865 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017219.D
 Acq: 07 Jul 2020 21:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	32.5	97.5
227	62.6	33.1	99.2





#95

Naphthalene

Concen: 52.799 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

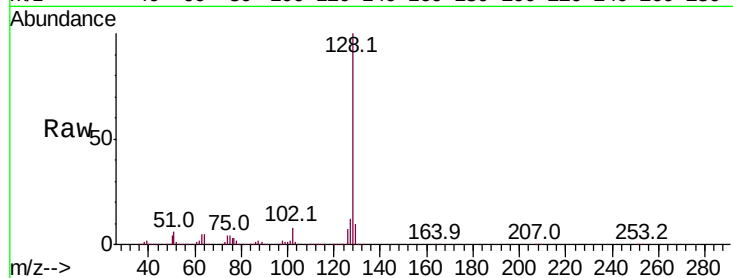
Tot Ion:128 Resp: 787236

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

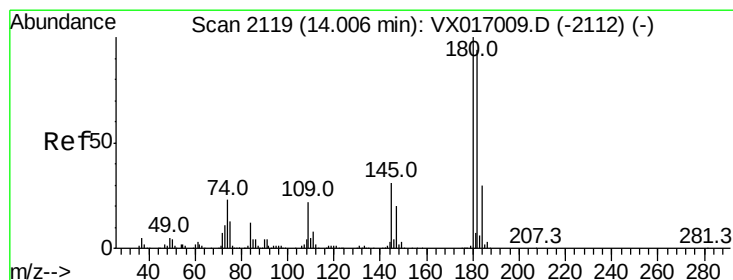
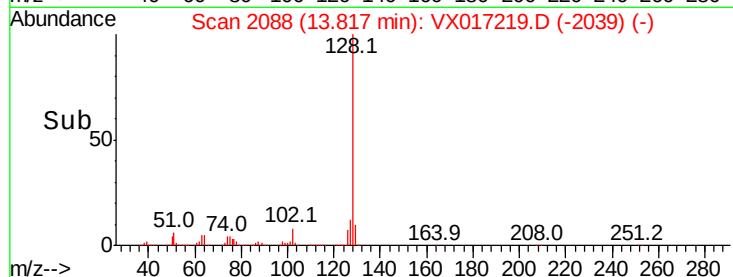
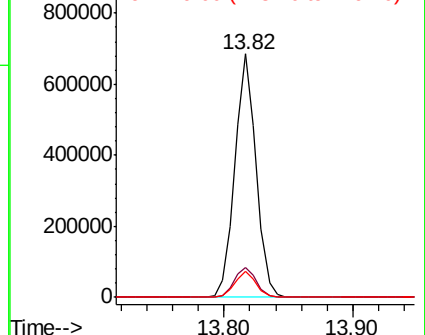
129 10.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.041 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

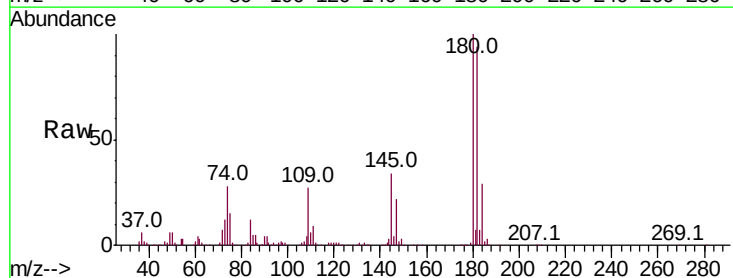
Tgt Ion:180 Resp: 242253

Ion Ratio Lower Upper

180 100

182 95.7 47.1 141.4

145 32.6 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

