

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042320\
 Data File : VX015879.D
 Acq On : 23 Apr 2020 10:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 24 03:25:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	913669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1335997	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1258493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	657736	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	494847	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
35) Dibromofluoromethane	5.47	113	393299	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
50) Toluene-d8	8.70	98	1553552	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
62) 4-Bromofluorobenzene	11.12	95	640716	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	457965	58.557	ug/l	99
3) Chloromethane	1.31	50	400865	50.047	ug/l	97
4) Vinyl Chloride	1.39	62	466997	50.371	ug/l	99
5) Bromomethane	1.62	94	173959	55.945	ug/l	96
6) Chloroethane	1.71	64	266341	50.413	ug/l	98
7) Trichlorofluoromethane	1.92	101	618717	53.788	ug/l	96
8) Diethyl Ether	2.17	74	229716	49.246	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	398610	51.084	ug/l	99
10) Methyl Iodide	2.49	142	404914	42.002	ug/l	99
11) Tert butyl alcohol	3.01	59	492321	231.877	ug/l	100
12) 1,1-Dichloroethene	2.36	96	402070	50.242	ug/l	96
13) Acrolein	2.27	56	236101	187.934	ug/l	100
14) Allyl chloride	2.70	41	844677	49.671	ug/l	99
15) Acrylonitrile	3.11	53	1205241	244.556	ug/l	100
16) Acetone	2.42	43	920555	203.447	ug/l	99
17) Carbon Disulfide	2.55	76	1037775	35.710	ug/l	99
18) Methyl Acetate	2.75	43	691714	46.307	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1461711	51.739	ug/l	98
20) Methylene Chloride	2.83	84	453284	49.347	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	442455	49.831	ug/l	97
22) Diisopropyl ether	3.83	45	1569274	51.199	ug/l	99
23) Vinyl Acetate	3.78	43	6411384	252.739	ug/l	100
24) 1,1-Dichloroethane	3.67	63	815647	51.056	ug/l	99
25) 2-Butanone	4.63	43	1634816	228.587	ug/l	99
26) 2,2-Dichloropropane	4.55	77	738397	51.743	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	512327	50.824	ug/l	99
28) Bromochloromethane	4.98	49	380407	45.381	ug/l #	98
29) Tetrahydrofuran	5.09	42	1114911	235.687	ug/l	99
30) Chloroform	5.17	83	801501	49.865	ug/l	99
31) Cyclohexane	5.55	56	775955	51.109	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	729611	50.911	ug/l	100
36) 1,1-Dichloropropene	5.77	75	626194	52.871	ug/l	100
37) Ethyl Acetate	4.79	43	678383	48.127	ug/l	99
38) Carbon Tetrachloride	5.76	117	646030	55.376	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	797745	53.188	ug/l	97
40) Benzene	6.11	78	1837379	51.508	ug/l	100
41) Methacrylonitrile	5.00	41	405667	51.792	ug/l	99
42) 1,2-Dichloroethane	6.16	62	657207	51.163	ug/l	99
43) Isopropyl Acetate	6.41	43	1193195	50.182	ug/l	99
44) Trichloroethene	7.19	130	641845	51.199	ug/l	92
45) 1,2-Dichloropropane	7.49	63	486947	52.089	ug/l	99
46) Dibromomethane	7.64	93	324187	47.505	ug/l	98
47) Bromodichloromethane	7.87	83	656639	54.088	ug/l	98
48) Methyl methacrylate	7.75	41	587859	50.262	ug/l	99
49) 1,4-Dioxane	7.72	88	205310	928.835	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	3420173	249.203	ug/l	100
52) Toluene	8.76	92	1197857	52.388	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	807892	53.633	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	834596	52.423	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	471408	52.800	ug/l	98
56) Ethyl methacrylate	9.16	69	773493	51.147	ug/l	99
57) 1,3-Dichloropropane	9.36	76	812089	52.342	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1932613	255.810	ug/l	99
59) 2-Hexanone	9.47	43	2546341	243.544	ug/l	99
60) Dibromochloromethane	9.57	129	512091	55.540	ug/l	99
61) 1,2-Dibromoethane	9.65	107	499542	50.624	ug/l	98
64) Tetrachloroethene	9.32	164	827704	48.794	ug/l	97
65) Chlorobenzene	10.12	112	1312178	52.141	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	489341	52.019	ug/l	96
67) Ethyl Benzene	10.23	91	2347029	53.108	ug/l	98
68) m/p-Xylenes	10.34	106	1778312	107.205	ug/l	98
69) o-Xylene	10.68	106	857082	52.506	ug/l	99
70) Styrene	10.70	104	1513439	53.546	ug/l	100
71) Bromoform	10.84	173	381949	62.310	ug/l #	98
73) Isopropylbenzene	11.00	105	2312677	55.363	ug/l	99
74) N-amyl acetate	10.88	43	1109691	51.458	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	469063	53.058	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	848466	67.837	ug/l	83
77) Bromobenzene	11.24	156	623726	54.647	ug/l	99
78) n-propylbenzene	11.34	91	2659402	55.575	ug/l	100
79) 2-Chlorotoluene	11.40	91	1587349	55.223	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1997560	56.081	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	265930	51.146	ug/l #	85
82) 4-Chlorotoluene	11.49	91	1865271	54.609	ug/l	99
83) tert-Butylbenzene	11.76	119	1772191	56.091	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2035221	55.037	ug/l	100
85) sec-Butylbenzene	11.93	105	2293525	55.067	ug/l	99
86) p-Isopropyltoluene	12.05	119	2208807	56.715	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1102101	52.602	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1118688	53.339	ug/l	95
89) n-Butylbenzene	12.37	91	1925356	55.294	ug/l	99
90) Hexachloroethane	12.58	117	317708	77.222	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	1030998	51.883	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	135284	51.602	ug/l	97

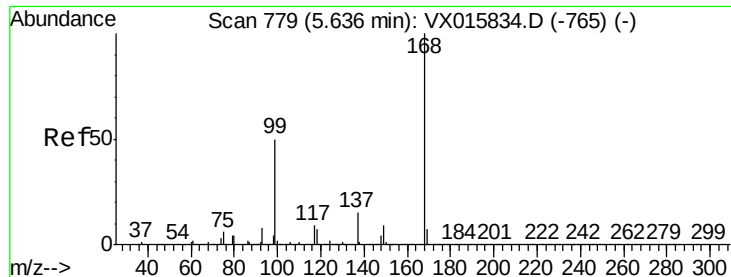
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	855036	54.610	ug/l	99
94) Hexachlorobutadiene	13.77	225	408709	58.220	ug/l	96
95) Naphthalene	13.82	128	2298946	51.035	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	816553	53.455	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.01 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

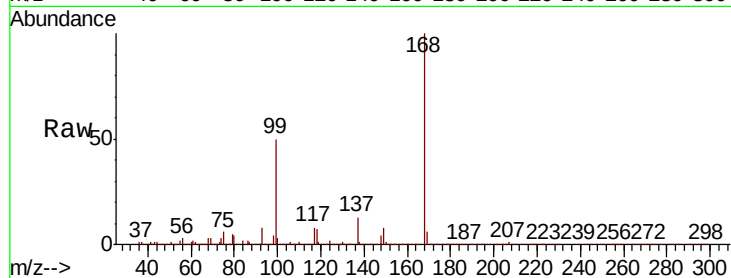
VSTDCCC050

Tot Ion:168 Resp: 913669

Ion Ratio Lower Upper

168 100

99 49.5 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

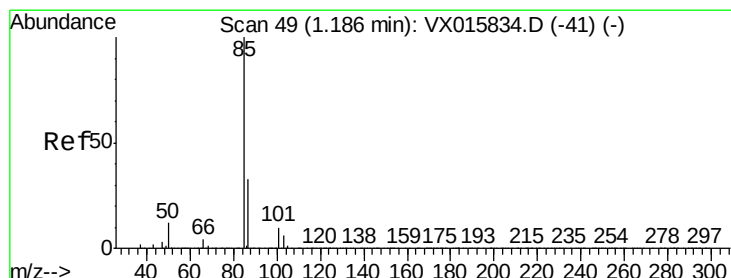
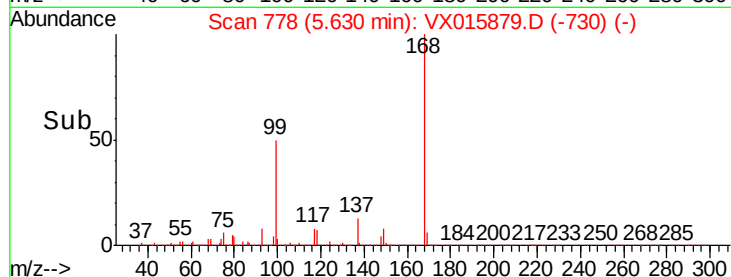
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 58.557 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX015879.D

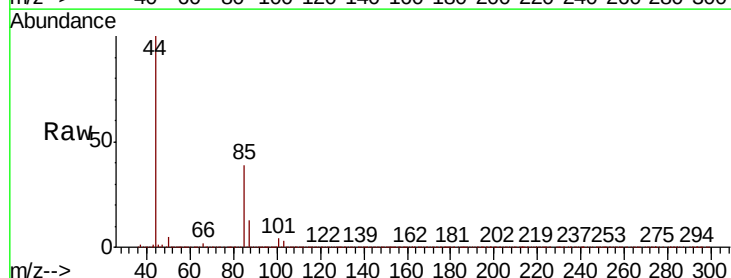
Acq: 23 Apr 2020 10:38

Tgt Ion: 85 Resp: 457965

Ion Ratio Lower Upper

85 100

87 32.4 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

500000

400000

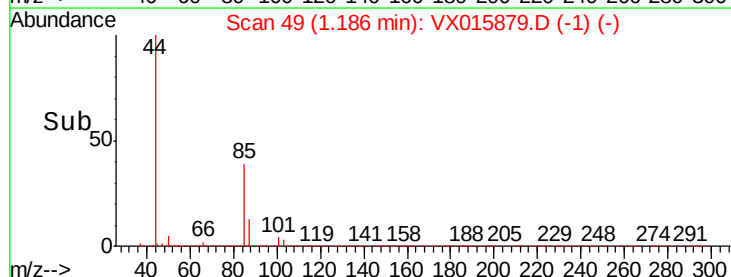
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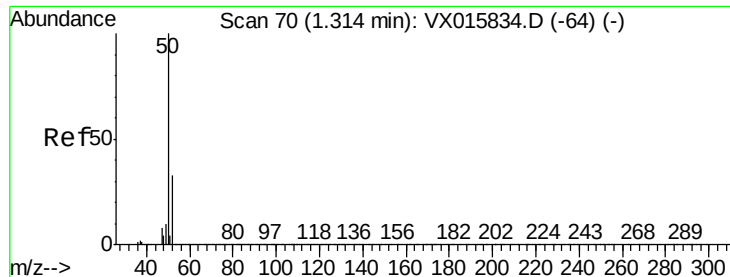
200000

100000

0

Time-->





#3

Chloromethane

Concen: 50.047 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

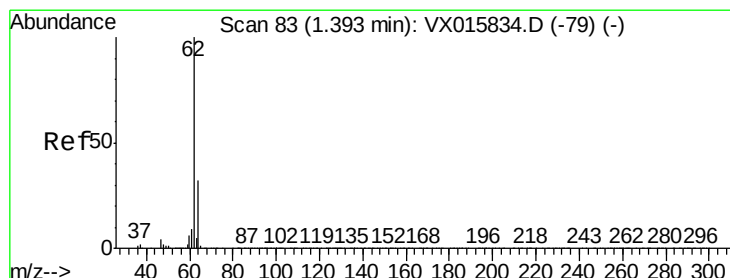
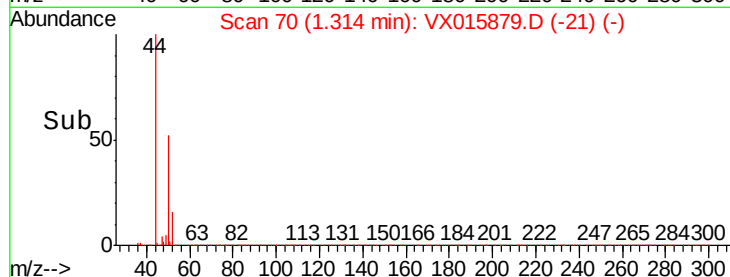
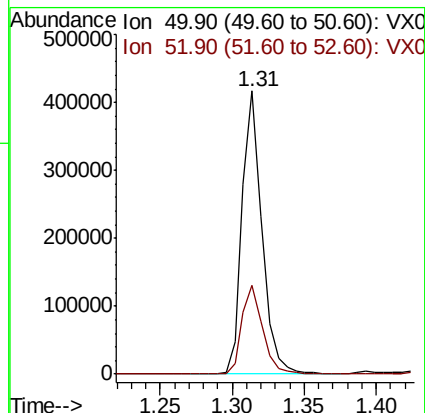
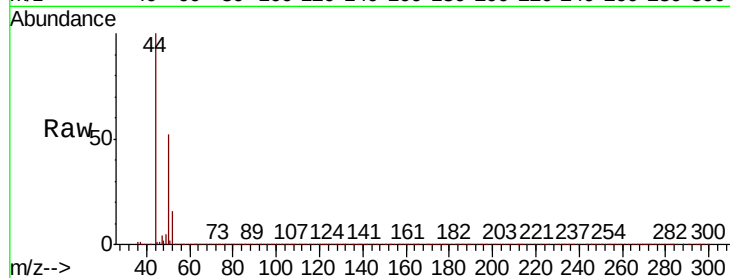
VSTDCCC050

Tot Ion: 50 Resp: 400865

Ion Ratio Lower Upper

50 100

52 31.3 26.2 39.4



#4

Vinyl Chloride

Concen: 50.371 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015879.D

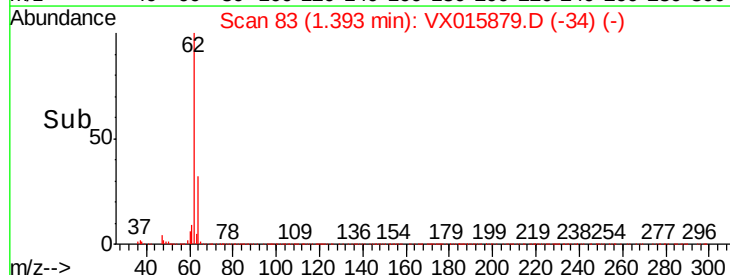
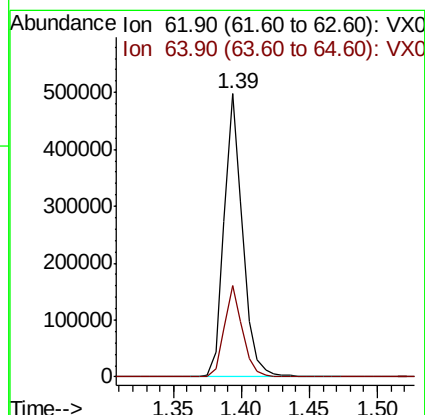
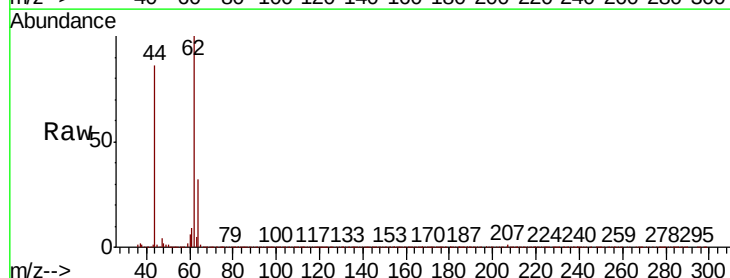
Acq: 23 Apr 2020 10:38

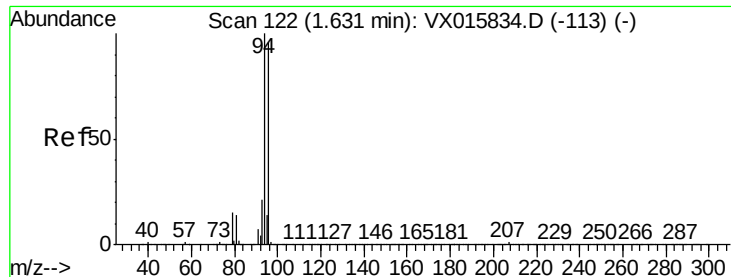
Tgt Ion: 62 Resp: 466997

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.2





#5

Bromomethane

Concen: 55.945 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

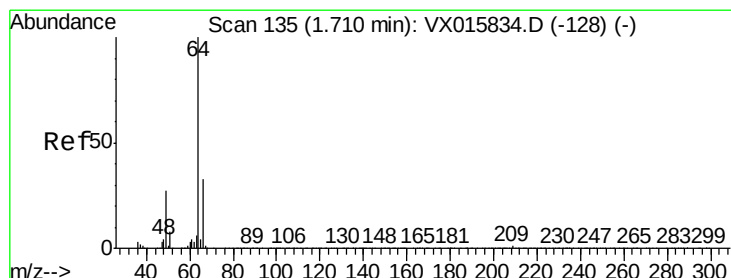
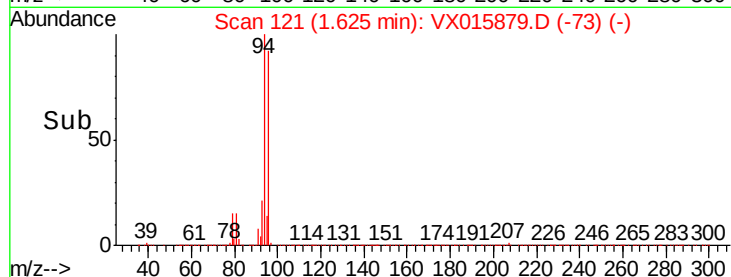
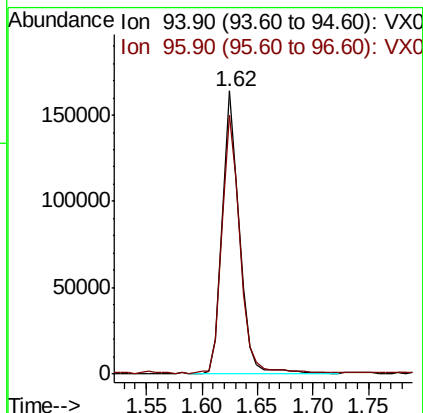
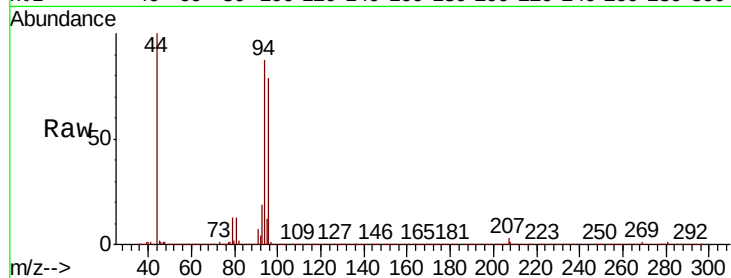
VSTDCCC050

Tot Ion: 94 Resp: 173959

Ion Ratio Lower Upper

94 100

96 91.5 76.7 115.1



#6

Chloroethane

Concen: 50.413 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX015879.D

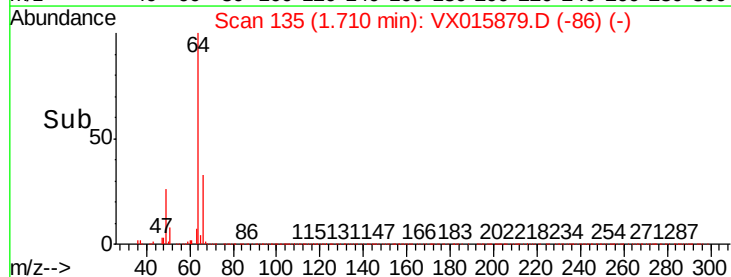
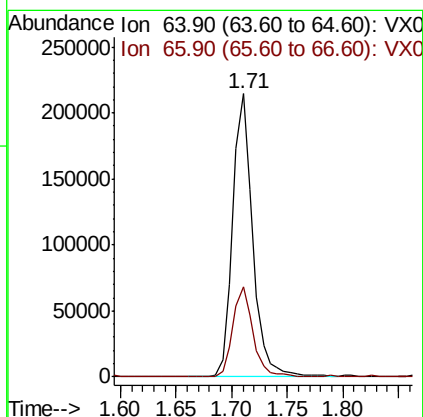
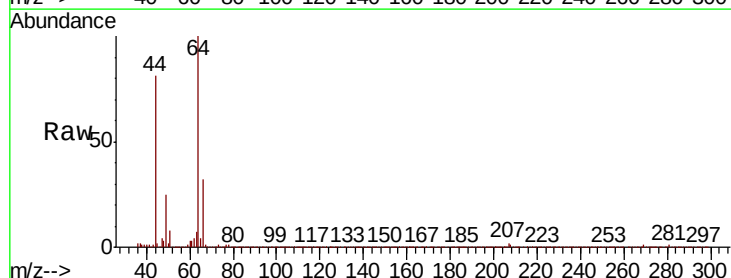
Acq: 23 Apr 2020 10:38

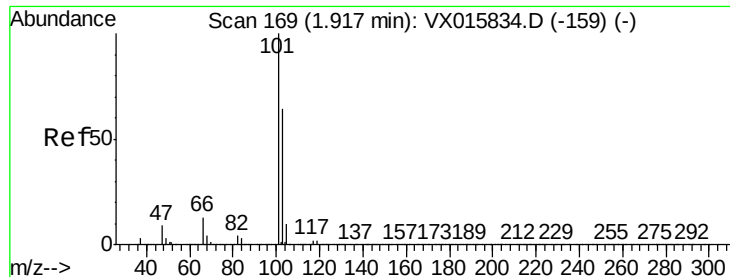
Tgt Ion: 64 Resp: 266341

Ion Ratio Lower Upper

64 100

66 31.7 26.2 39.2



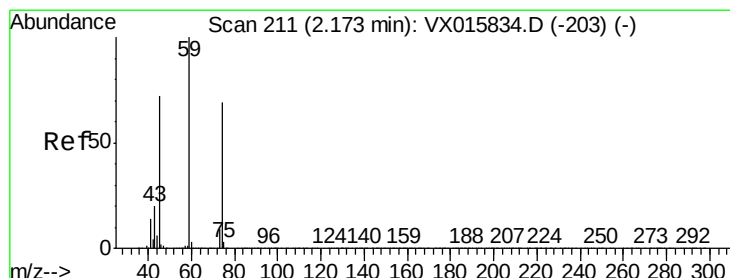
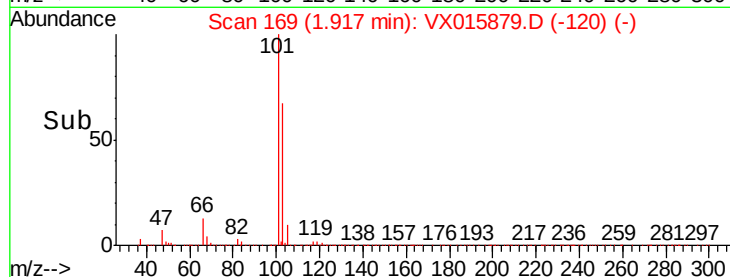
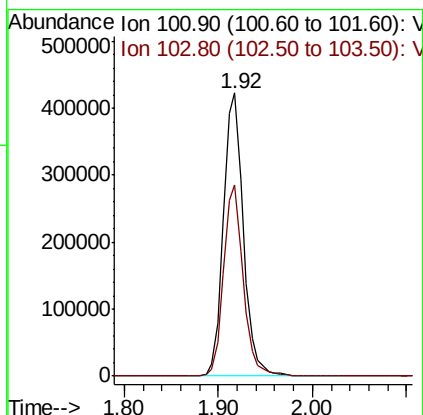
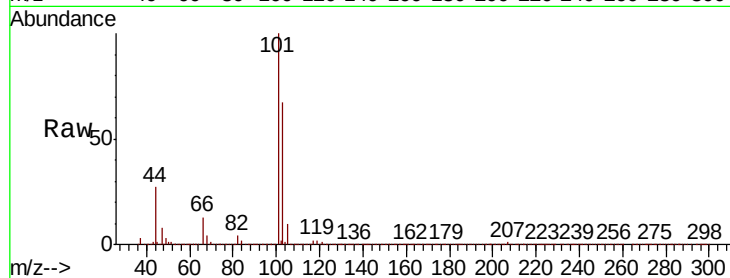


#7

Trichlorofluoromethane
Concen: 53.788 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX015879.D
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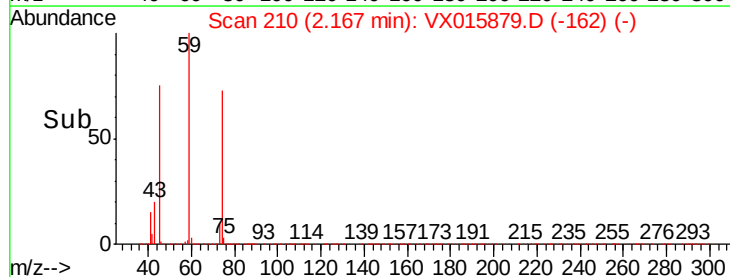
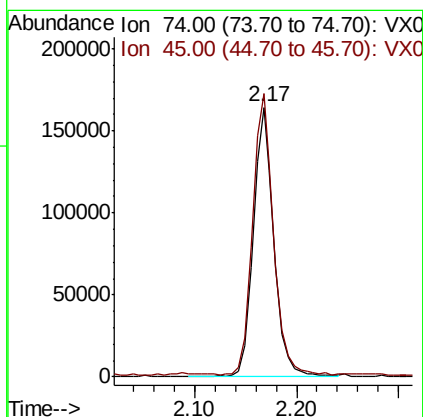
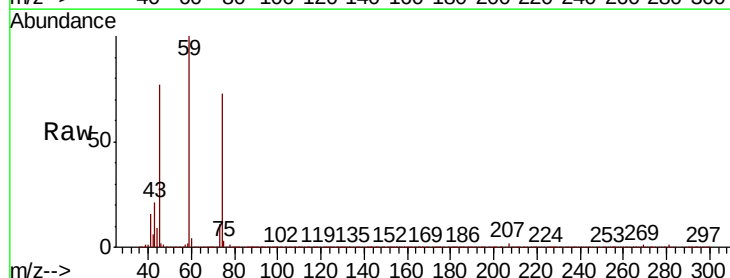
Tot Ion:101 Resp: 618717
Ion Ratio Lower Upper
101 100
103 67.3 51.4 77.0

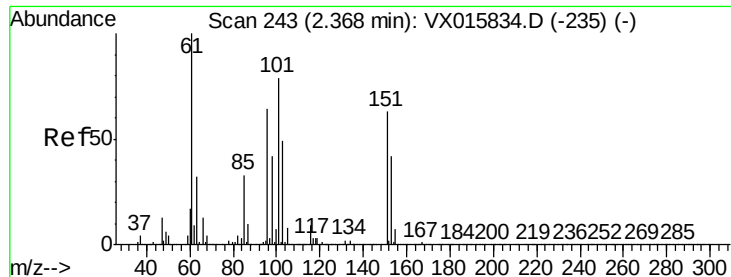


#8

Diethyl Ether
Concen: 49.246 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.01 min
Lab File: VX015879.D
Acq: 23 Apr 2020 10:38

Tgt Ion: 74 Resp: 229716
Ion Ratio Lower Upper
74 100
45 107.2 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.084 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

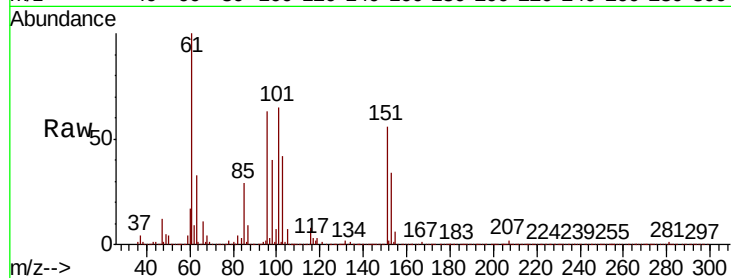
Tot Ion:101 Resp: 398610

Ion Ratio Lower Upper

101 100

85 42.6 33.8 50.6

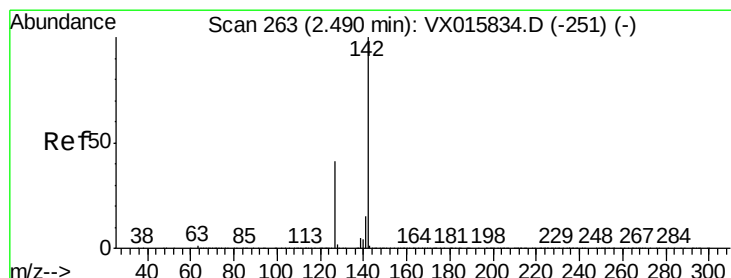
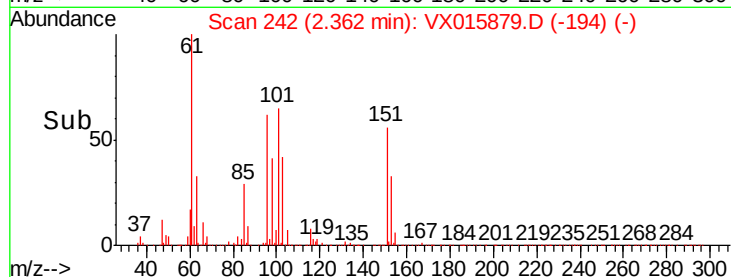
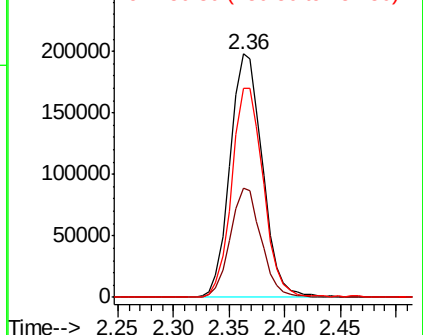
151 84.0 67.8 101.6



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: 42.002 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015879.D

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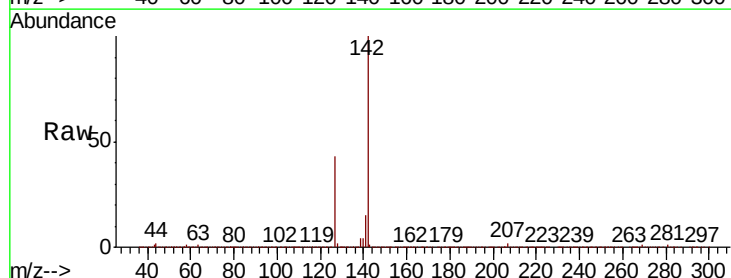
Tgt Ion:142 Resp: 404914

Ion Ratio Lower Upper

142 100

127 41.2 33.3 49.9

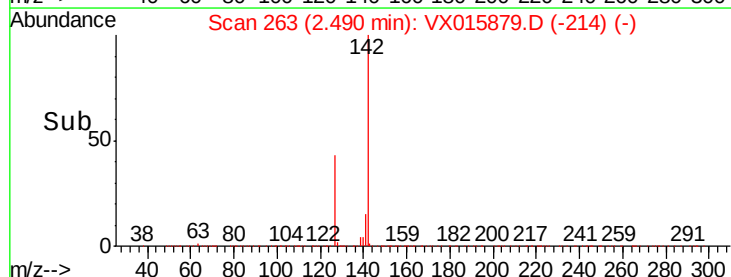
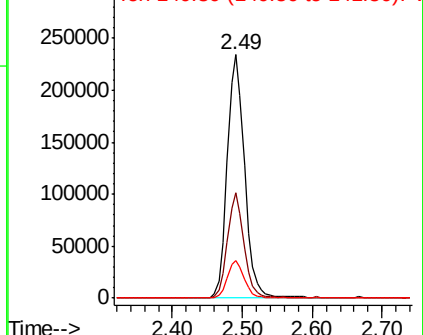
141 14.8 11.8 17.6

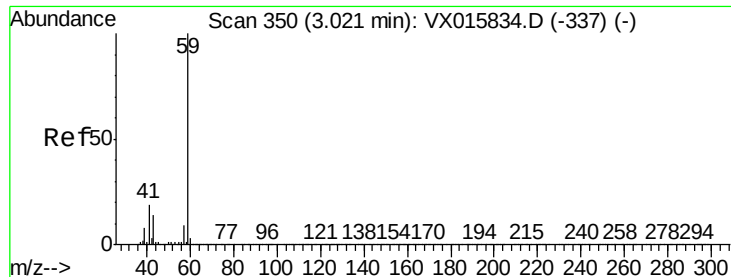


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



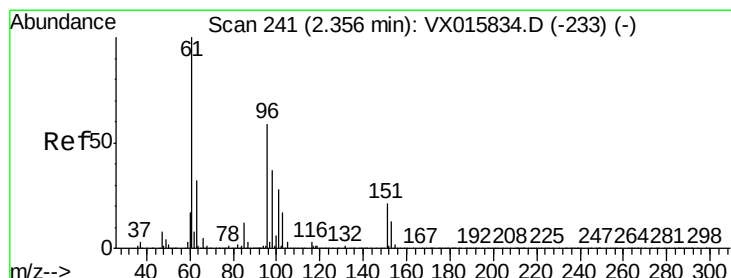
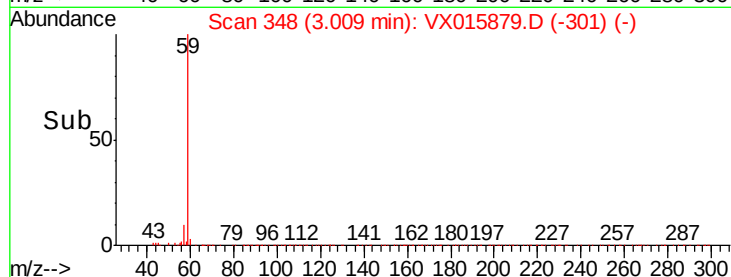
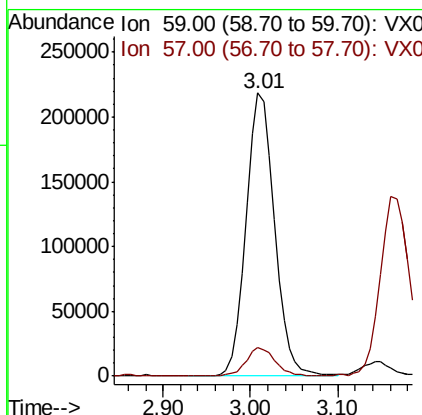
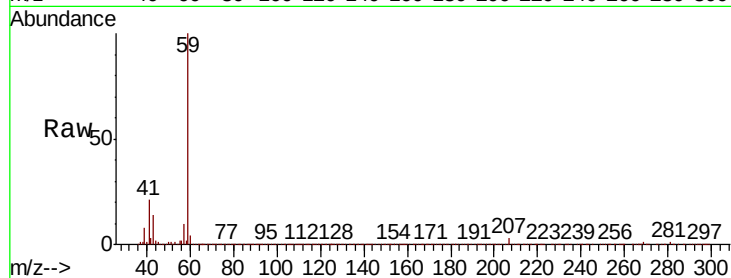


#11

Tert butyl alcohol
 Concen: 231.877 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VX015879.D
 Acq: 23 Apr 2020 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

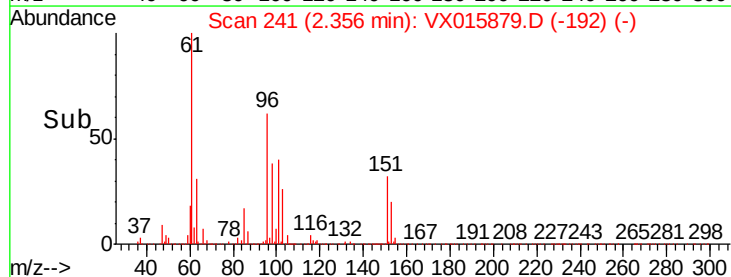
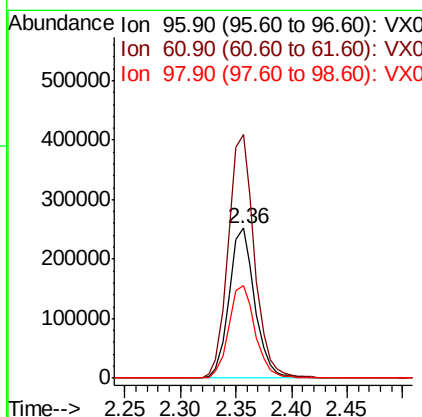
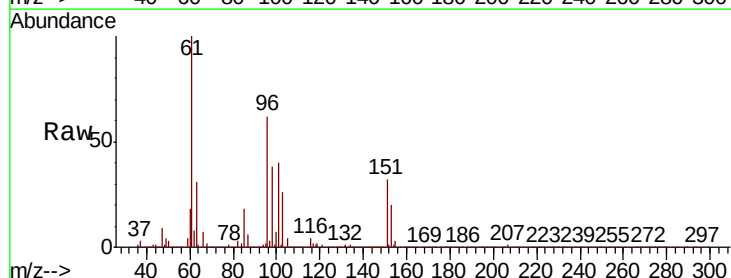
Tot Ion: 59 Resp: 492321
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.2

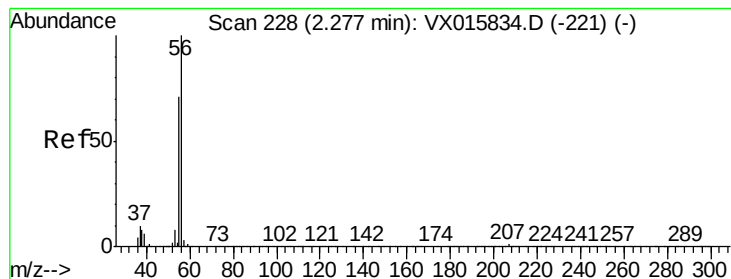


#12

1,1-Dichloroethene
 Concen: 50.242 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. 0.00 min
 Lab File: VX015879.D
 Acq: 23 Apr 2020 10:38

Tgt Ion: 96 Resp: 402070
 Ion Ratio Lower Upper
 96 100
 61 162.5 135.0 202.6
 98 61.8 50.6 76.0





#13

Acrolein

Concen: 187.934 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.01 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

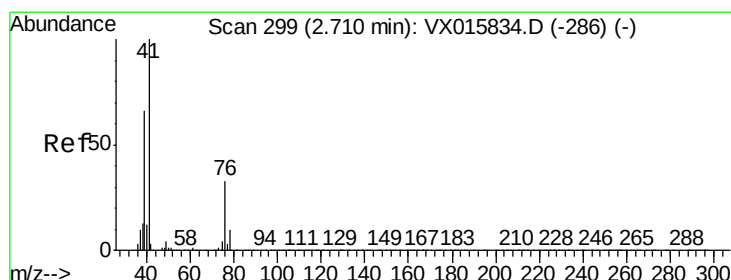
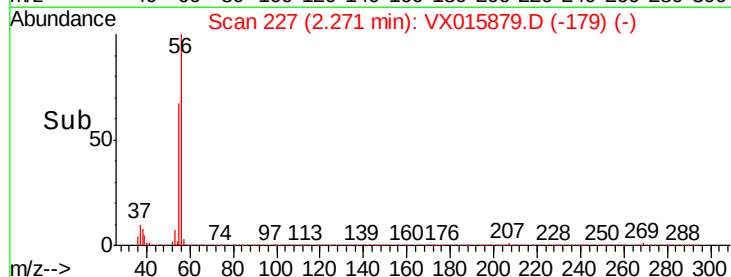
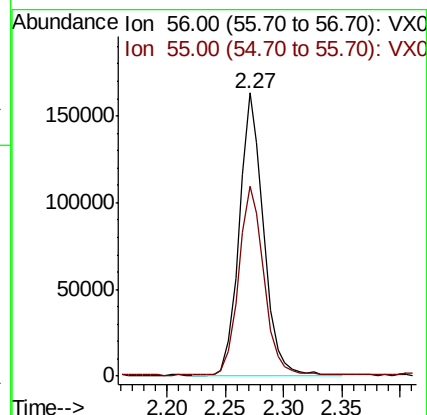
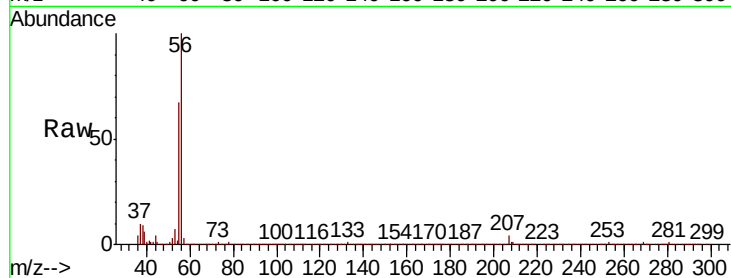
VSTDCCC050

Tot Ion: 56 Resp: 236101

Ion Ratio Lower Upper

56 100

55 69.9 56.1 84.1



#14

Allyl chloride

Concen: 49.671 ug/l

RT: 2.70 min Scan# 298

Delta R.T. -0.01 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

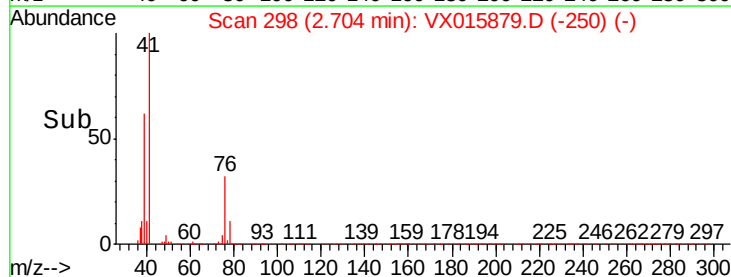
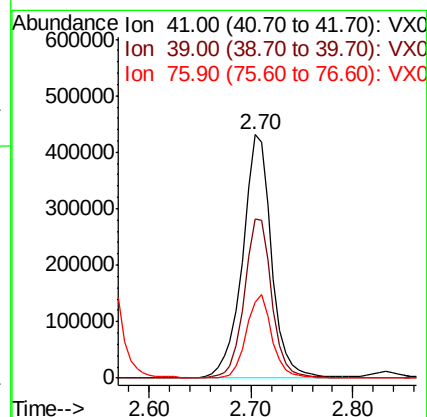
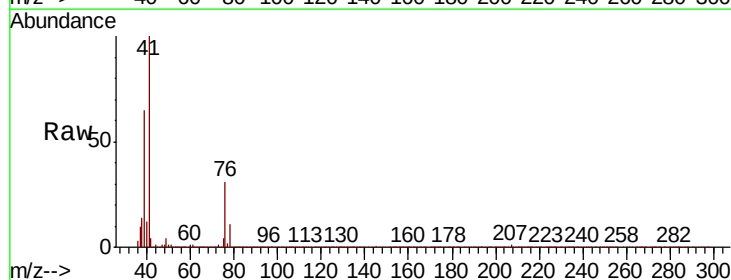
Tgt Ion: 41 Resp: 844677

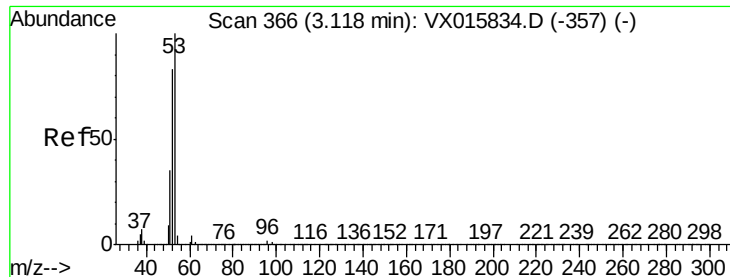
Ion Ratio Lower Upper

41 100

39 61.9 48.4 72.6

76 30.1 23.8 35.8





#15

Acrylonitrile

Concen: 244.556 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

Instrument :

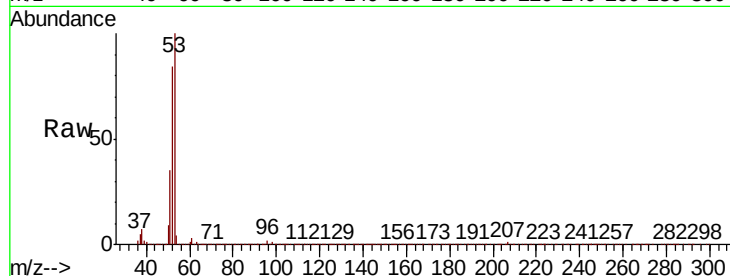
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 1205241

Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.2	99.4
51	35.8	28.6	43.0

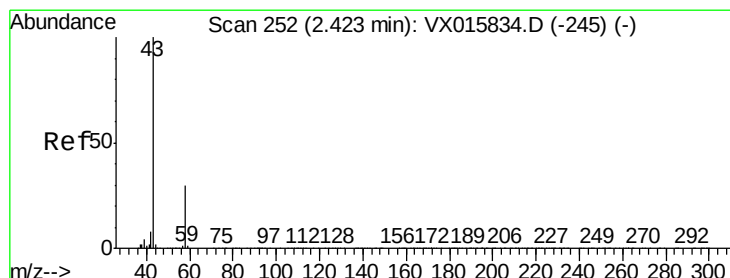
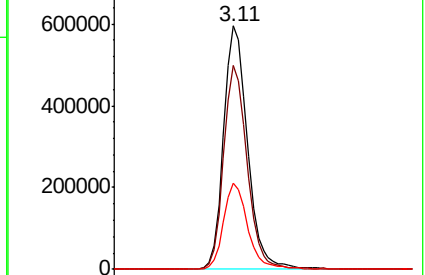
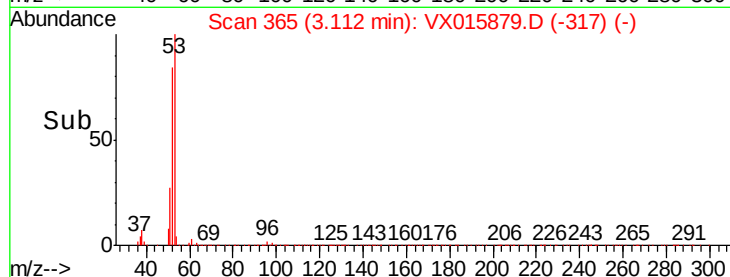


Abundance

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: 203.447 ug/l

RT: 2.42 min Scan# 251

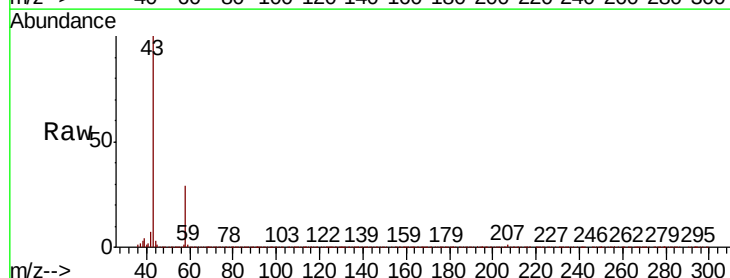
Delta R.T. -0.01 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

Tgt Ion: 43 Resp: 920555

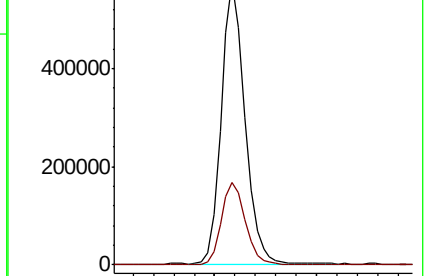
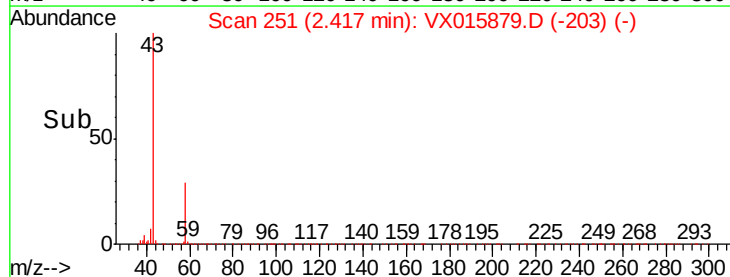
Ion	Ratio	Lower	Upper
43	100		
58	29.2	24.0	36.0

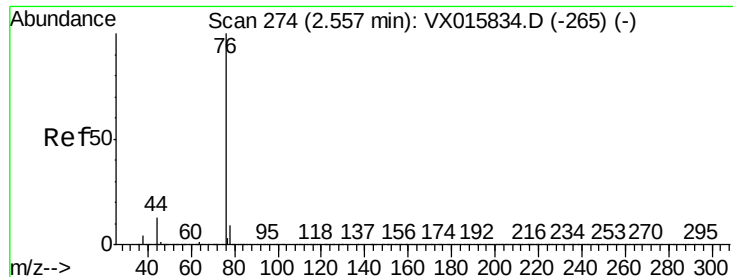


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 35.710 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

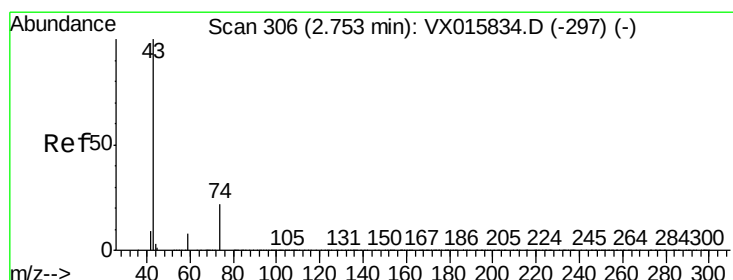
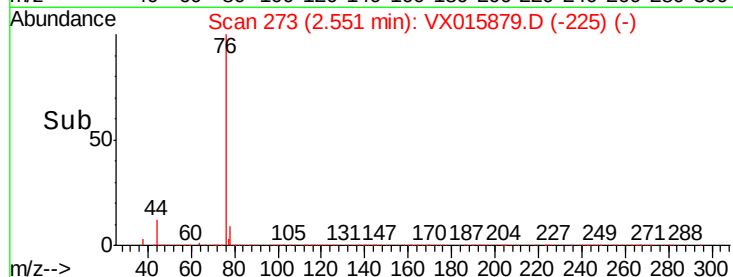
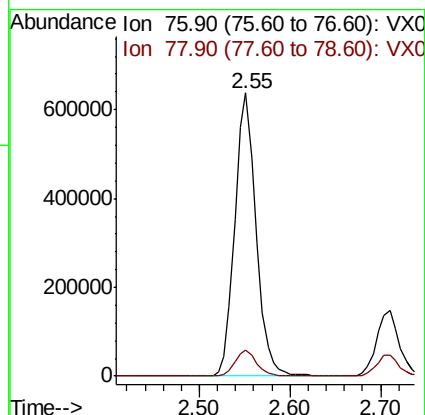
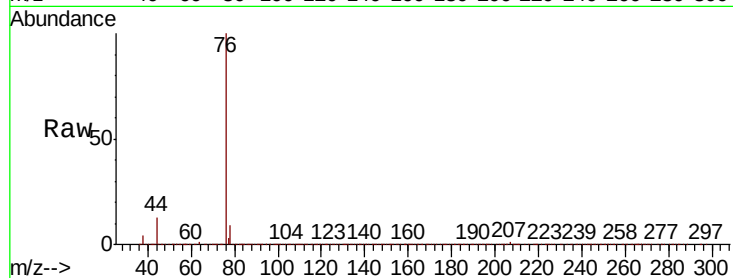
VSTDCCC050

Tot Ion: 76 Resp: 1037775

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2



#18

Methyl Acetate

Concen: 46.307 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015879.D

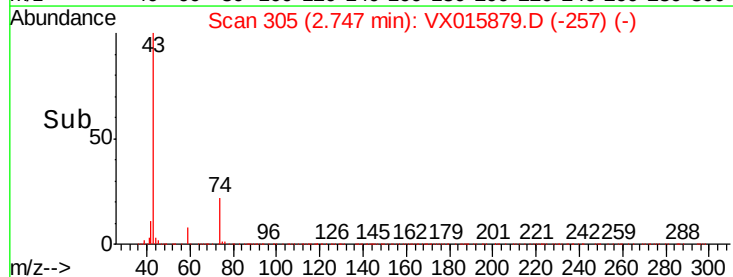
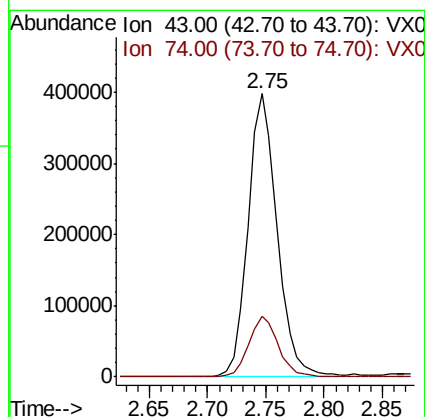
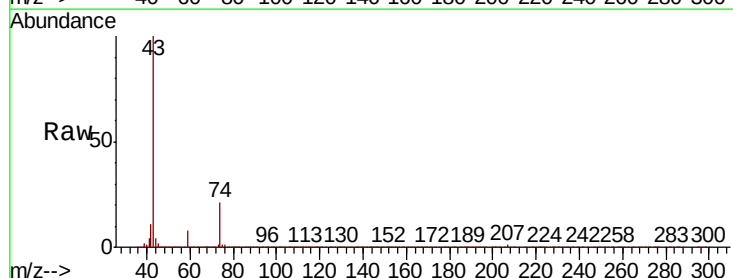
Acq: 23 Apr 2020 10:38

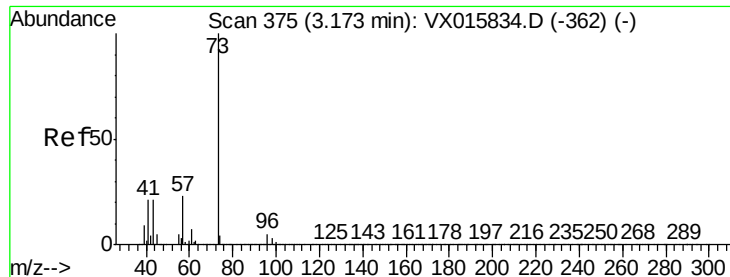
Tgt Ion: 43 Resp: 691714

Ion Ratio Lower Upper

43 100

74 21.9 17.9 26.9



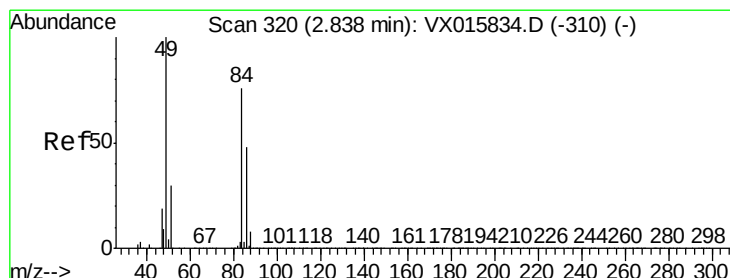
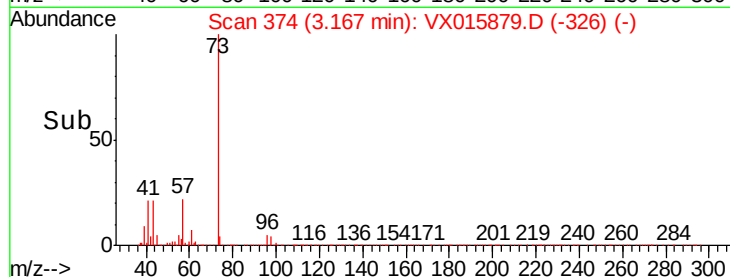
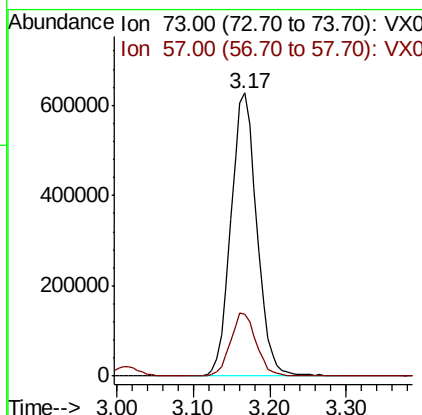
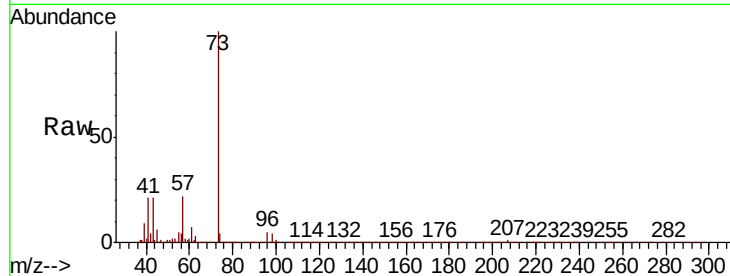


#19

Methyl tert-butyl Ether
 Concen: 51.739 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. -0.01 min
 Lab File: VX015879.D
 Acq: 23 Apr 2020 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

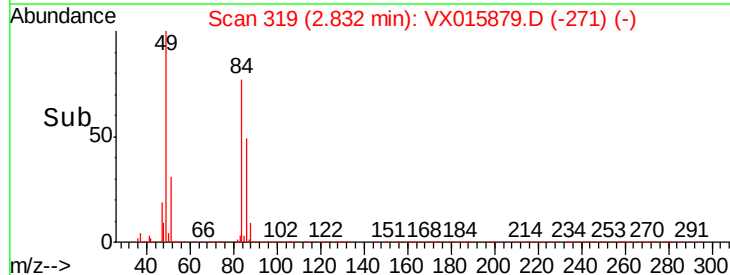
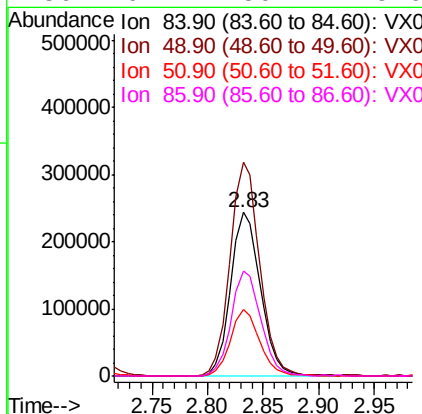
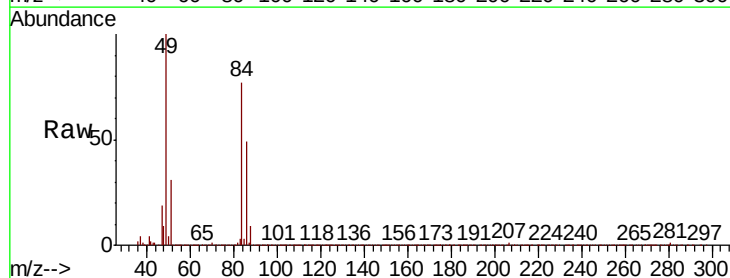
Tot Ion: 73 Resp: 1461711
 Ion Ratio Lower Upper
 73 100
 57 21.8 18.1 27.1

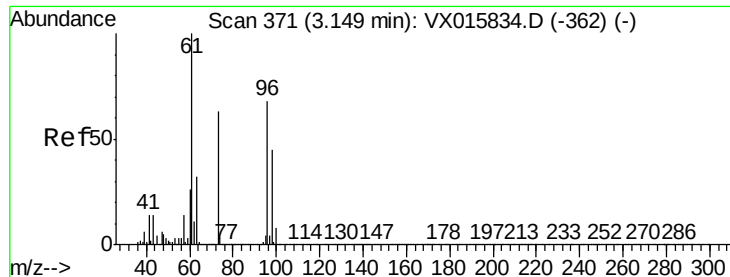


#20

Methylene Chloride
 Concen: 49.347 ug/l
 RT: 2.83 min Scan# 319
 Delta R.T. -0.01 min
 Lab File: VX015879.D
 Acq: 23 Apr 2020 10:38

Tgt Ion: 84 Resp: 453284
 Ion Ratio Lower Upper
 84 100
 49 130.5 104.9 157.3
 51 40.3 32.0 48.0
 86 64.1 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 49.831 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

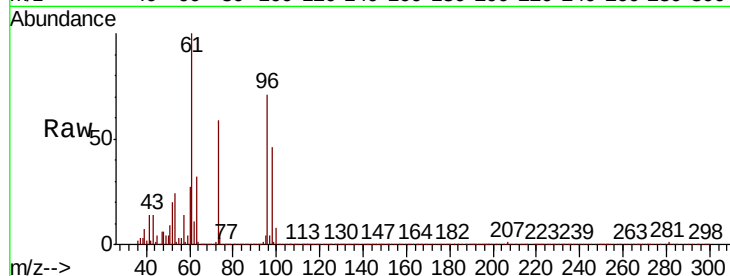
Tot Ion: 96 Resp: 442455

Ion Ratio Lower Upper

96 100

61 141.1 117.5 176.3

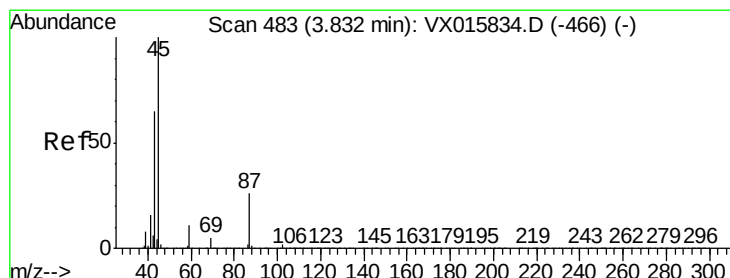
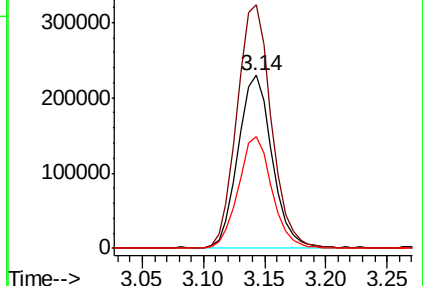
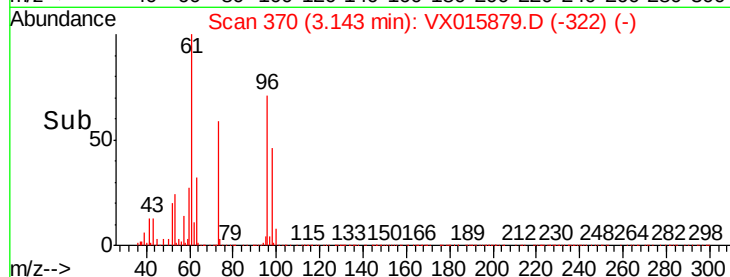
98 65.2 52.7 79.1



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: 51.199 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.01 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

Tgt Ion: 45 Resp: 1569274

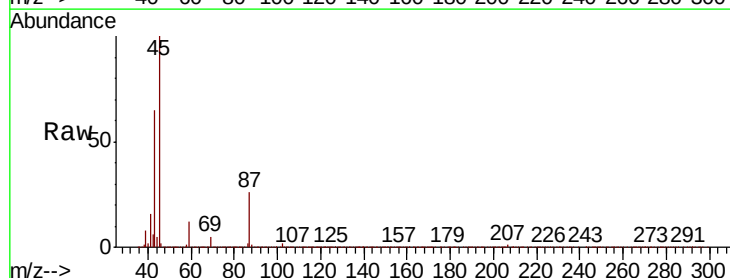
Ion Ratio Lower Upper

45 100

43 65.2 52.4 78.6

87 25.6 20.7 31.1

59 11.5 8.6 12.8

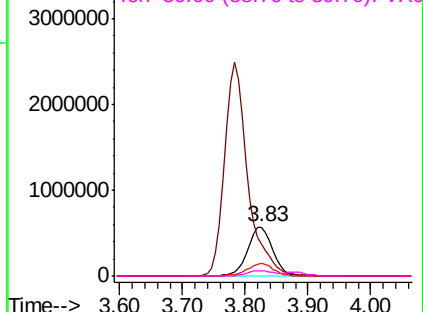
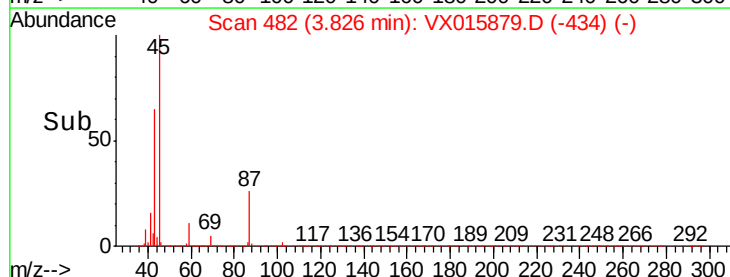


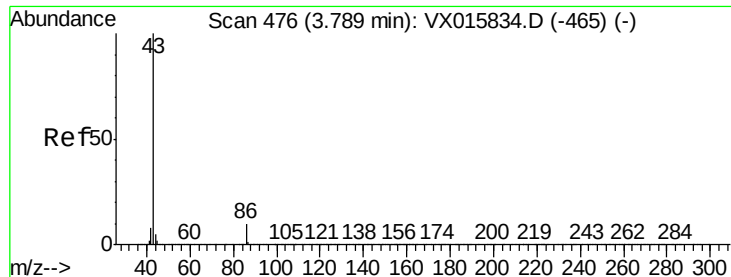
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 252.739 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

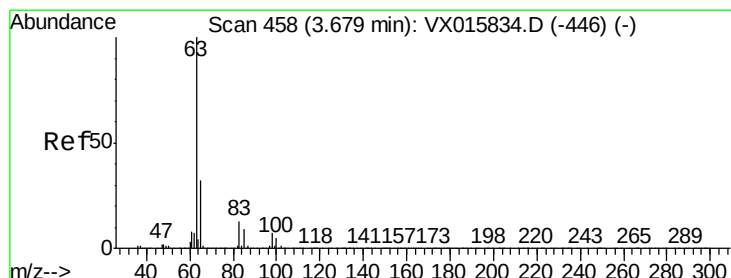
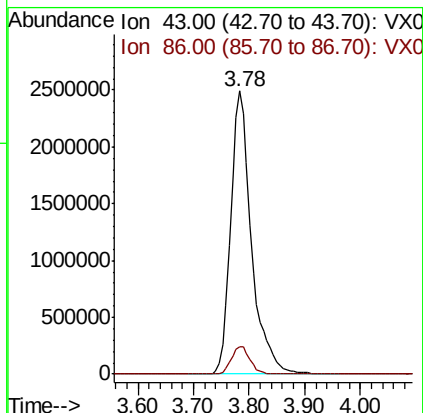
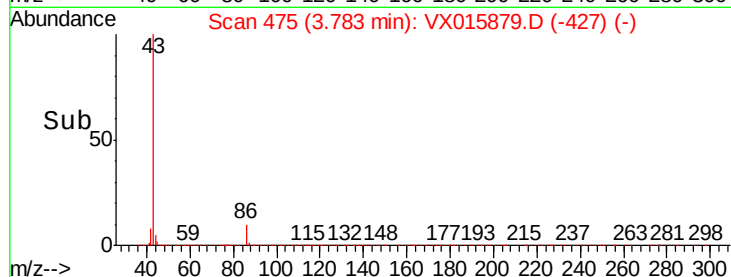
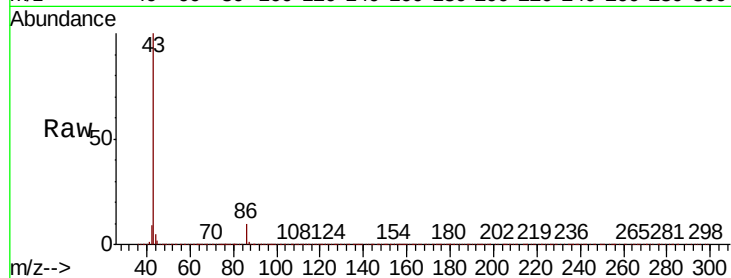
VSTDCCC050

Tot Ion: 43 Resp: 6411384

Ion Ratio Lower Upper

43 100

86 9.8 8.0 12.0



#24

1,1-Dichloroethane

Concen: 51.056 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

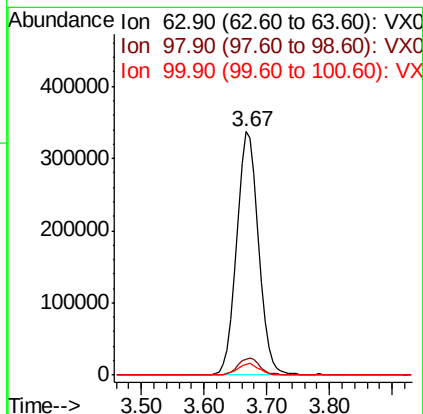
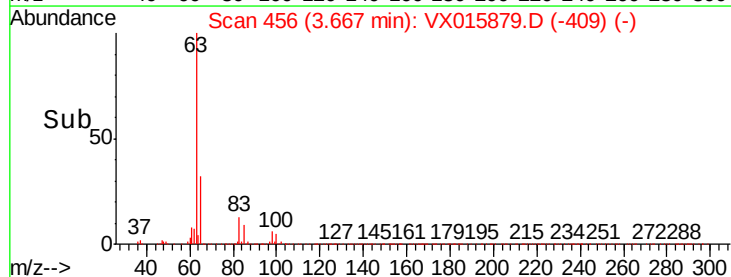
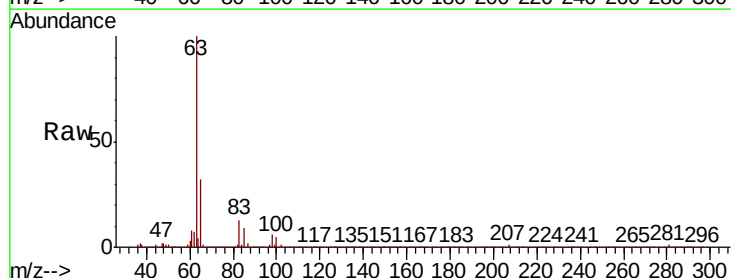
Tgt Ion: 63 Resp: 815647

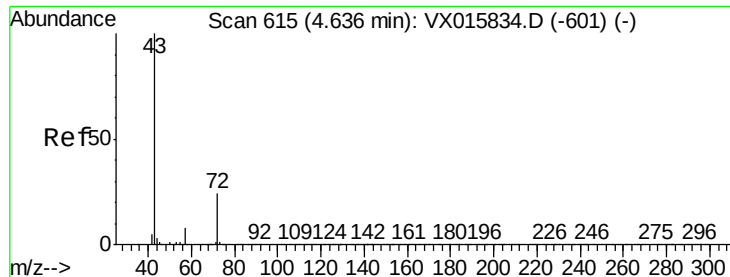
Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.4

100 4.5 2.3 6.8

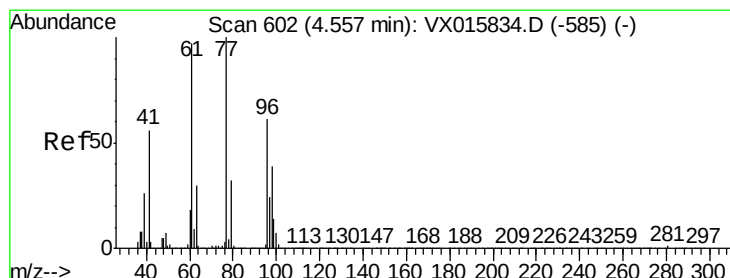
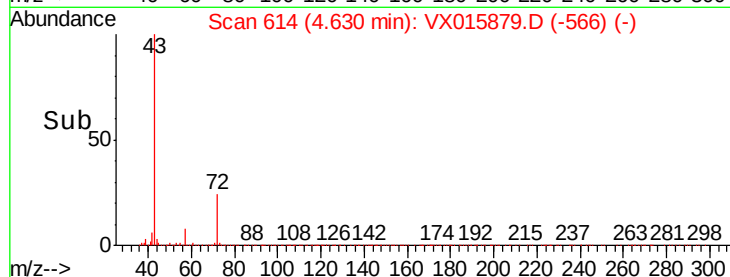
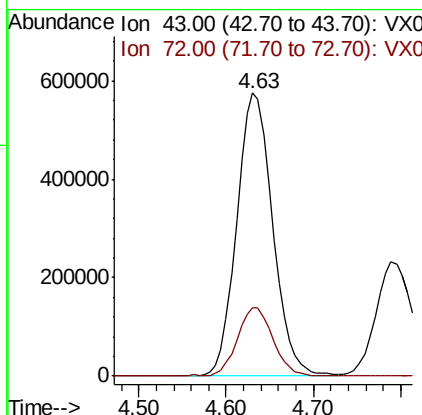
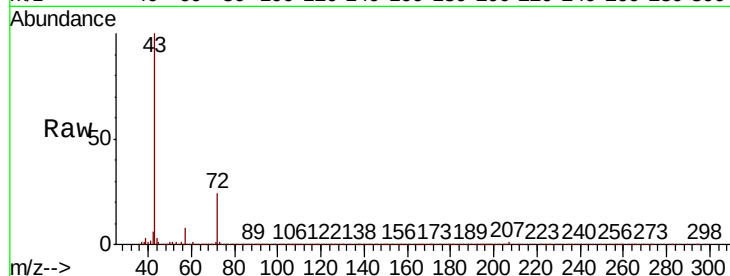




#25
2-Butanone
Concen: 228.587 ug/l
RT: 4.63 min Scan# 614
Delta R.T. -0.01 min
Lab File: VX015879.D
Acq: 23 Apr 2020 10:38

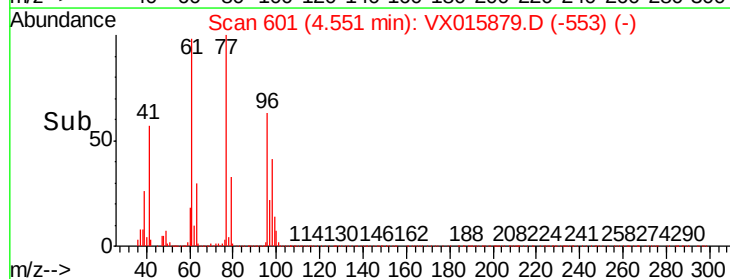
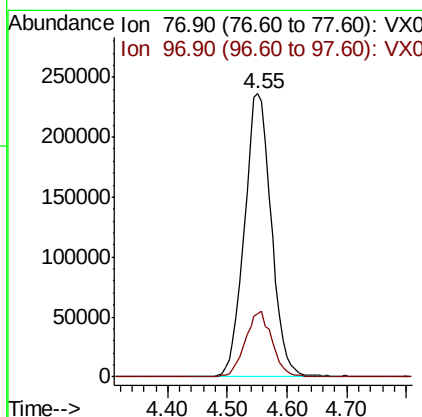
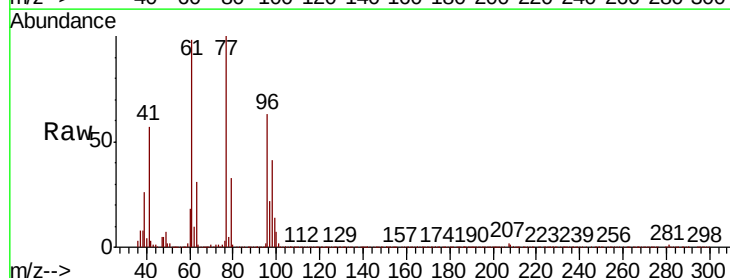
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

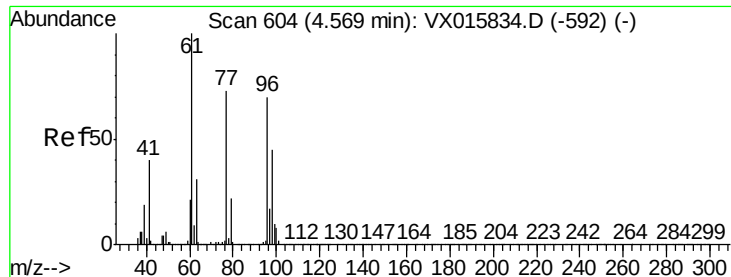
Tot Ion: 43 Resp: 1634816
Ion Ratio Lower Upper
43 100
72 23.9 19.4 29.2



#26
2,2-Dichloropropane
Concen: 51.743 ug/l
RT: 4.55 min Scan# 601
Delta R.T. -0.01 min
Lab File: VX015879.D
Acq: 23 Apr 2020 10:38

Tgt Ion: 77 Resp: 738397
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.1



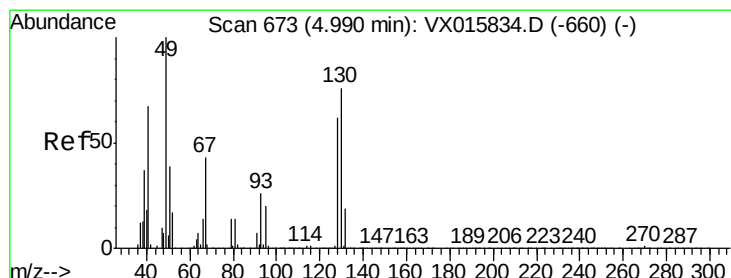
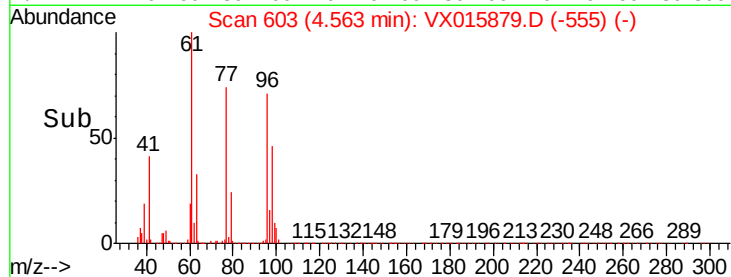
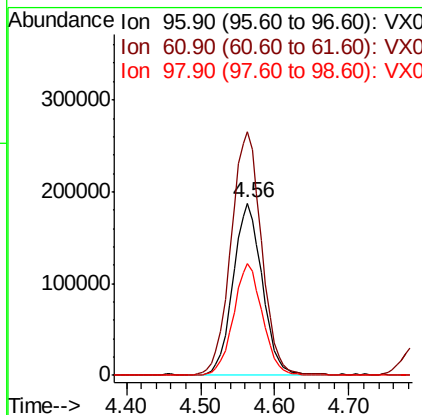
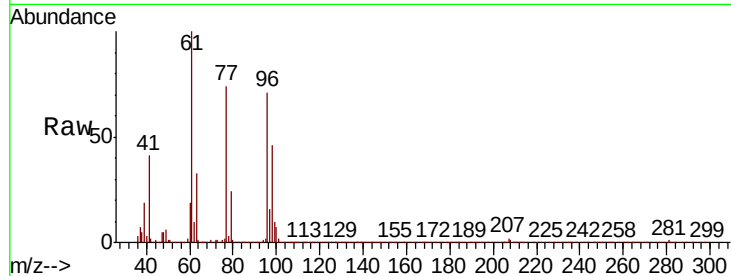


#27

cis-1,2-Dichloroethene
Concen: 50.824 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX015879.D
Acq: 23 Apr 2020 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

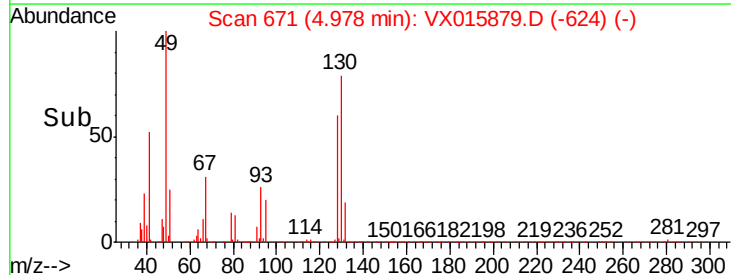
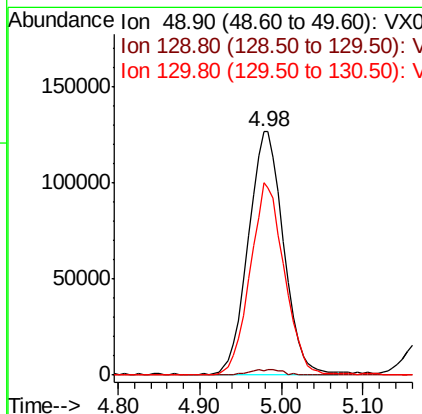
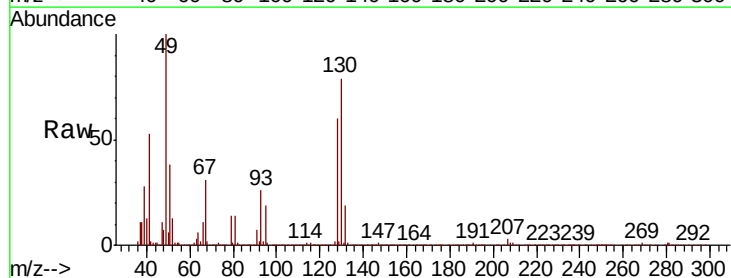
Tot Ion	Ratio	Lower	Upper
96	100		
61	148.5	0.0	299.4
98	65.1	0.0	129.6

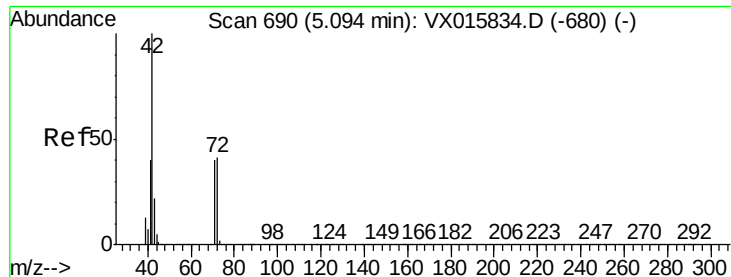


#28

Bromochloromethane
Concen: 45.381 ug/l
RT: 4.98 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015879.D
Acq: 23 Apr 2020 10:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	1.8#
130	76.5	62.4	93.6





#29

Tetrahydrofuran

Concen: 235.687 ug/l

RT: 5.09 min Scan# 689

Delta R.T. -0.01 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

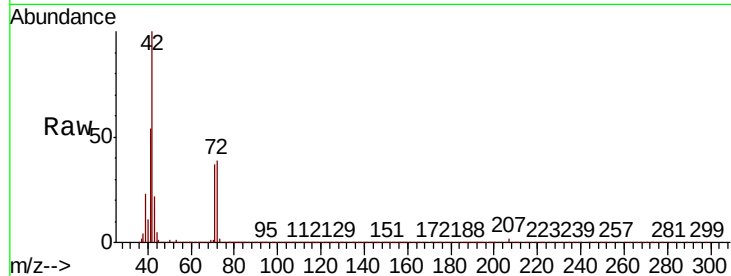
Tot Ion: 42 Resp: 1114911

Ion Ratio Lower Upper

42 100

72 40.9 33.0 49.6

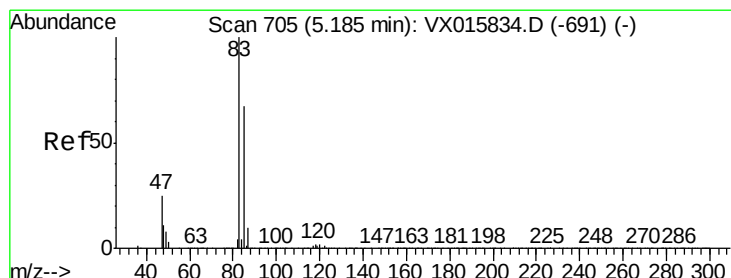
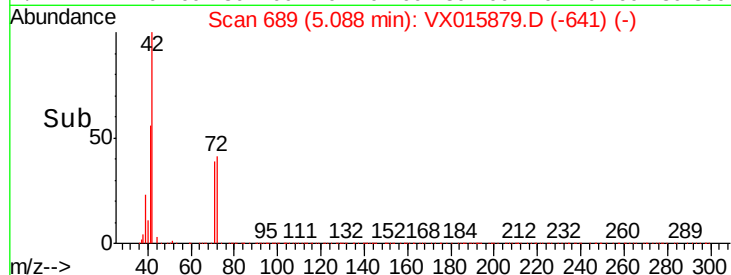
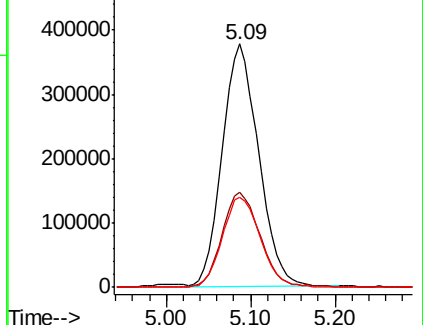
71 38.7 30.6 45.8



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: 49.865 ug/l

RT: 5.17 min Scan# 703

Delta R.T. -0.01 min

Lab File: VX015879.D

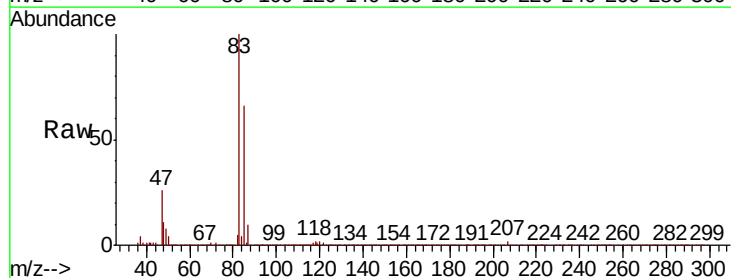
Acq: 23 Apr 2020 10:38

Tgt Ion: 83 Resp: 801501

Ion Ratio Lower Upper

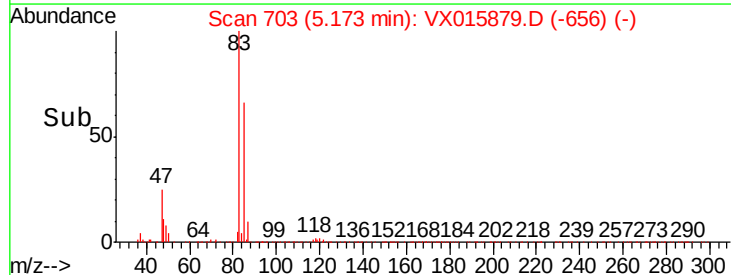
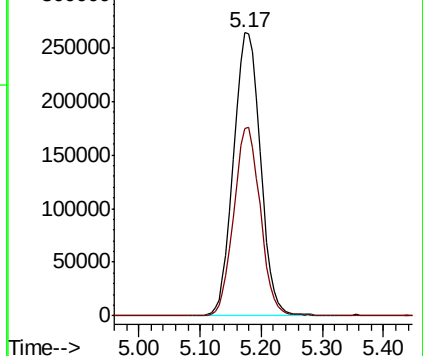
83 100

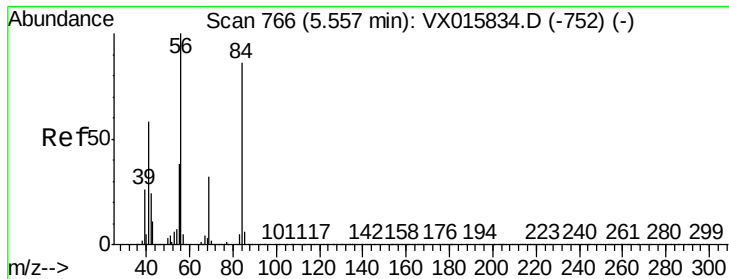
85 66.1 53.4 80.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

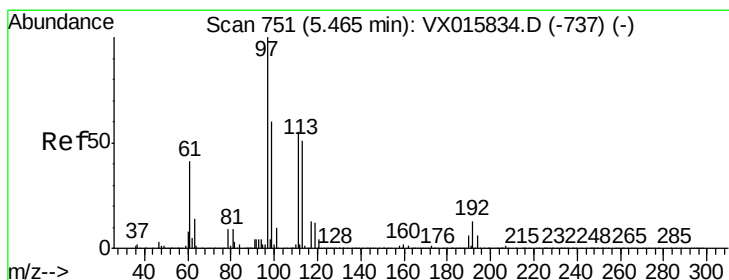
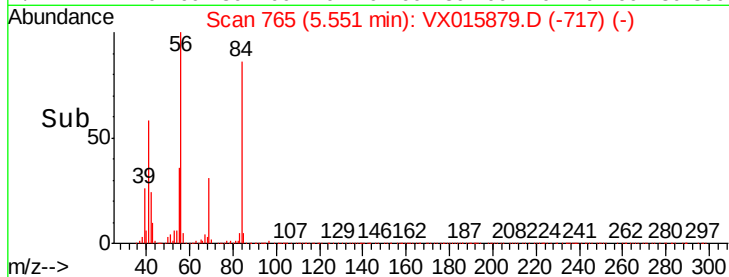
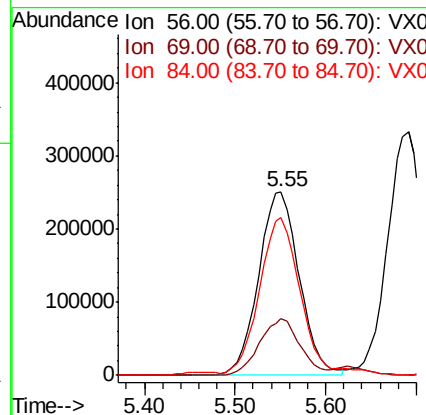
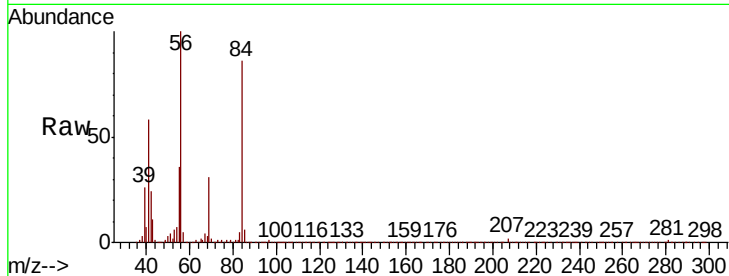




#31
Cyclohexane
Concen: 51.109 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX015879.D
Acq: 23 Apr 2020 10:38

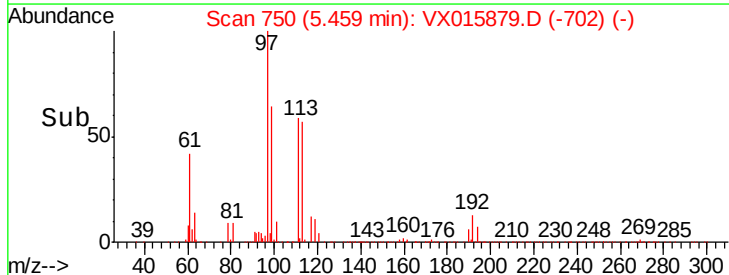
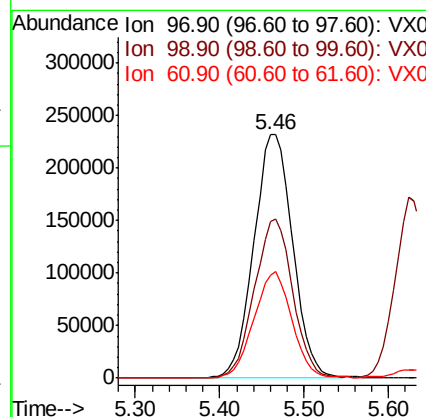
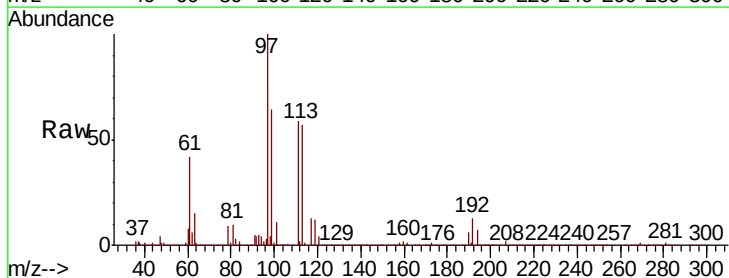
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

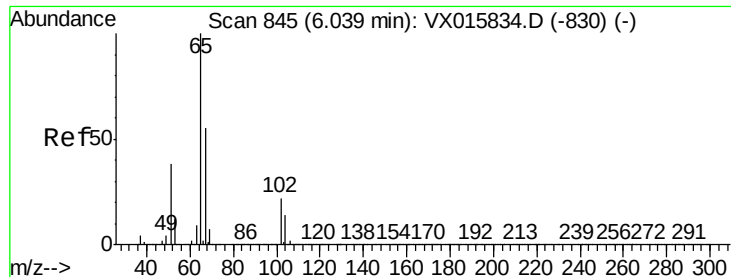
Tot Ion: 56 Resp: 775955
Ion Ratio Lower Upper
56 100
69 30.6 25.3 37.9
84 84.7 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 50.911 ug/l
RT: 5.46 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX015879.D
Acq: 23 Apr 2020 10:38

Tgt Ion: 97 Resp: 729611
Ion Ratio Lower Upper
97 100
99 64.4 51.2 76.8
61 42.3 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 47.620 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.01 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

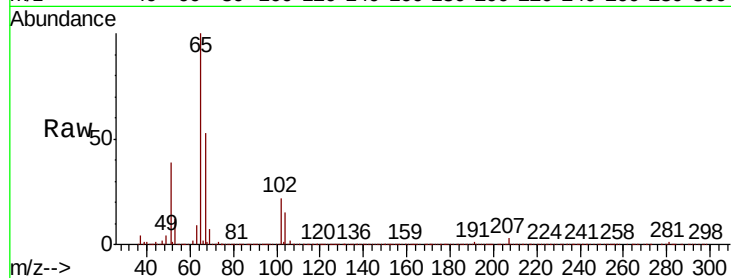
VSTDCCC050

Tot Ion: 65 Resp: 494847

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

200000

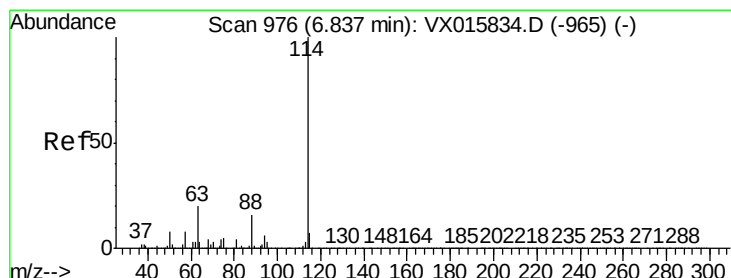
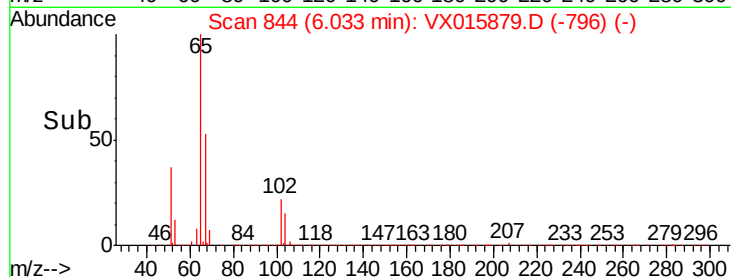
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

Tgt Ion: 114 Resp: 1335997

Ion Ratio Lower Upper

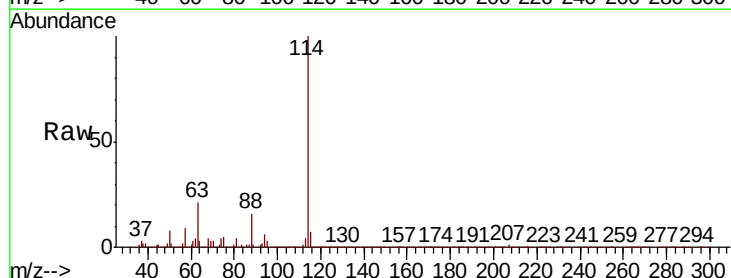
114 100

63 21.2

88 15.7

0.0 40.6

0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

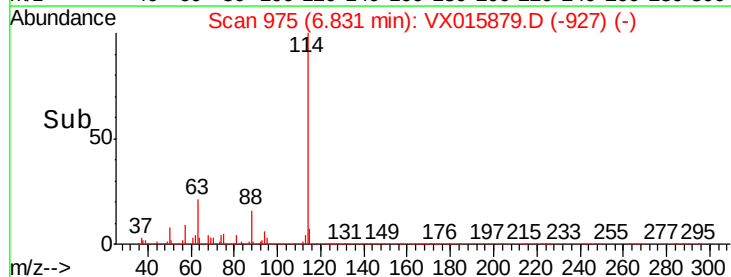
600000

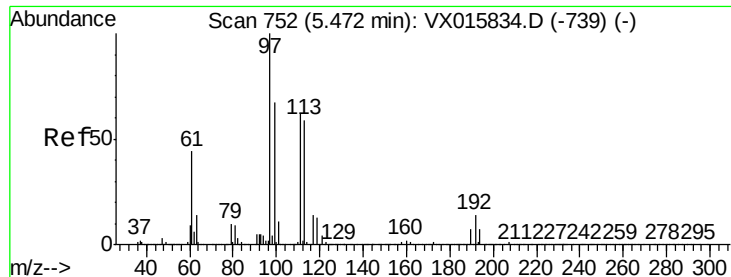
400000

200000

0

Time-->

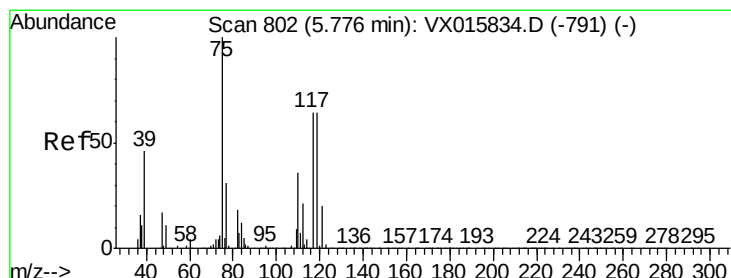
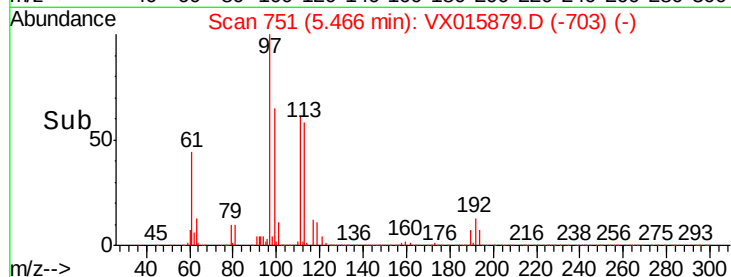
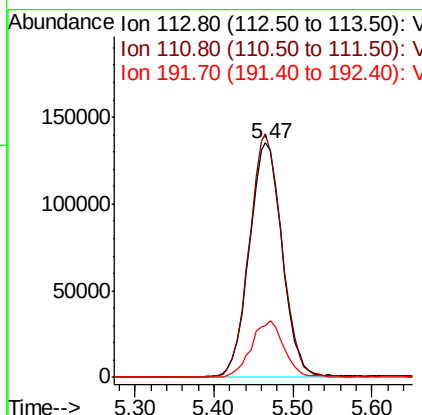
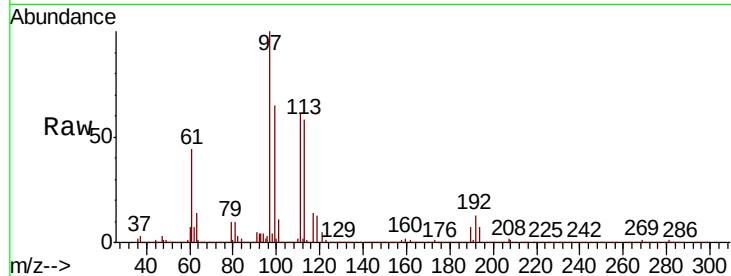




#35
 Dibromofluoromethane
 Concen: 51.000 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015879.D
 Acq: 23 Apr 2020 10:38

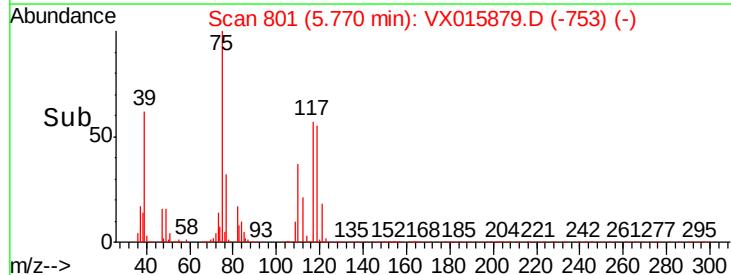
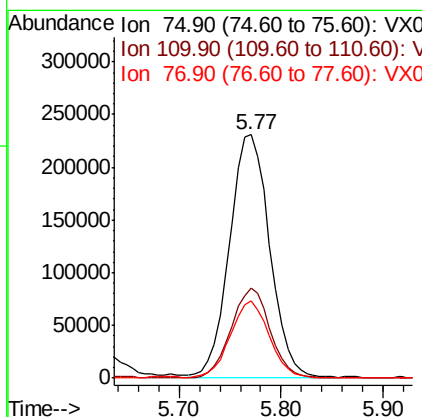
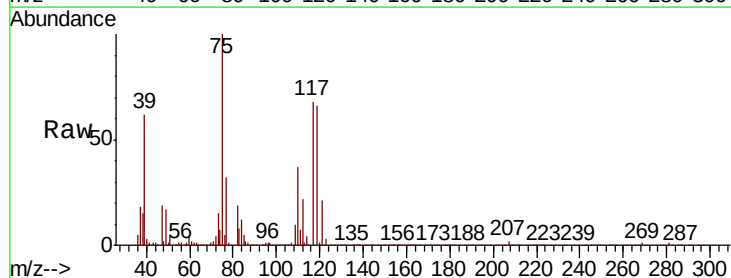
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

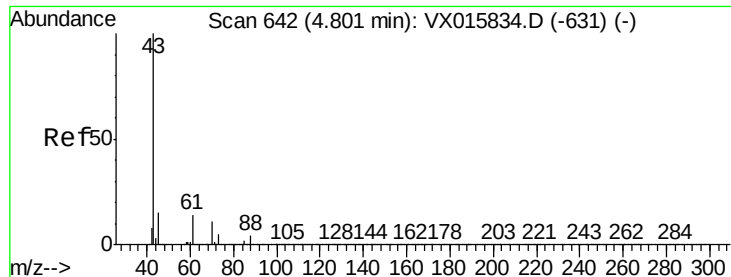
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.7	124.1
192	23.9	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 52.871 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: VX015879.D
 Acq: 23 Apr 2020 10:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.9	53.8
77	30.7	24.5	36.7

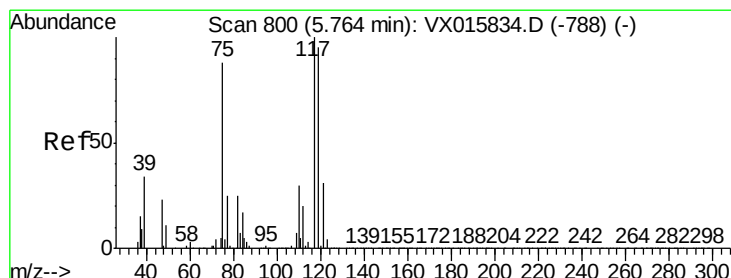
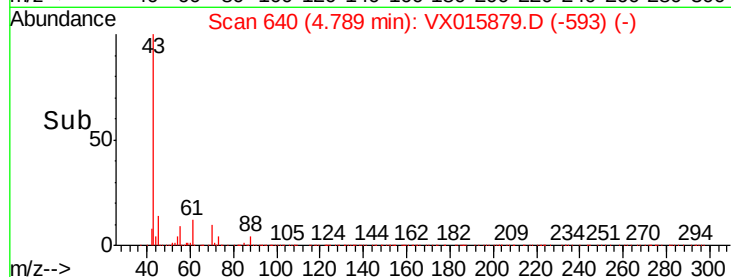
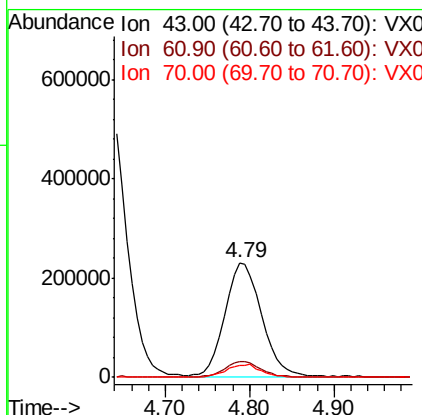
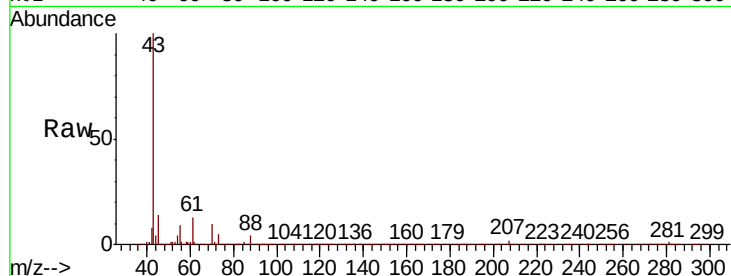




#37
Ethyl Acetate
Concen: 48.127 ug/l
RT: 4.79 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX015879.D
Acq: 23 Apr 2020 10:38

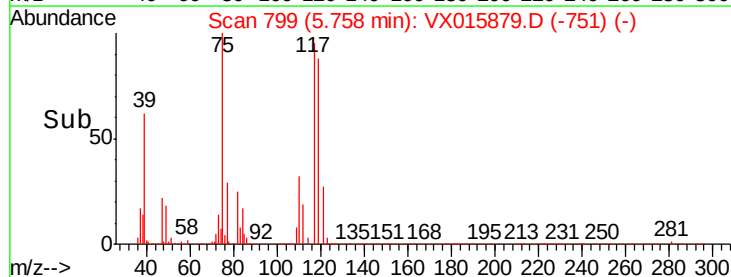
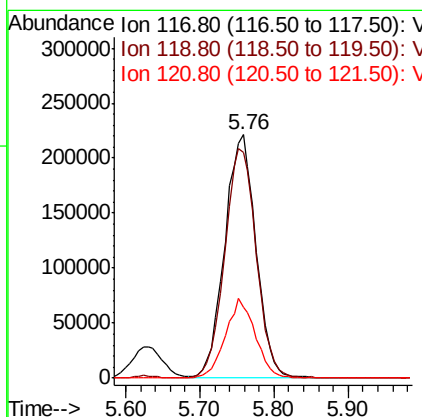
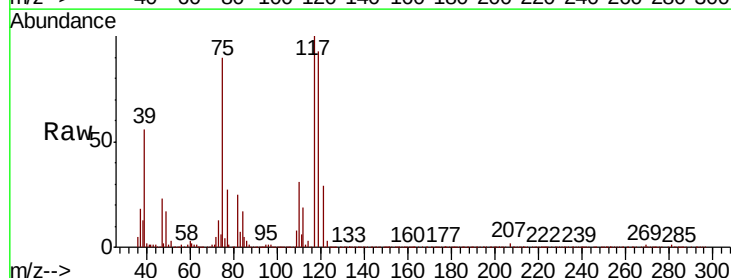
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

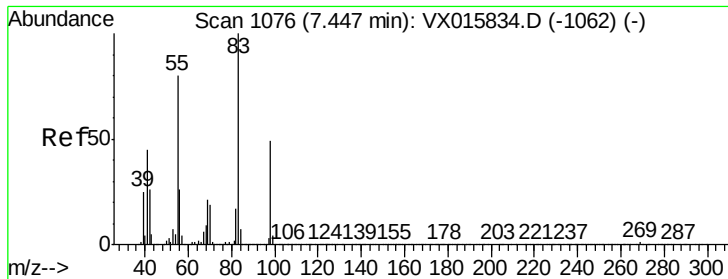
Tot Ion: 43 Resp: 678383
Ion Ratio Lower Upper
43 100
61 13.2 10.8 16.2
70 10.7 8.2 12.2



#38
Carbon Tetrachloride
Concen: 55.376 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.01 min
Lab File: VX015879.D
Acq: 23 Apr 2020 10:38

Tgt Ion: 117 Resp: 646030
Ion Ratio Lower Upper
117 100
119 92.8 75.7 113.5
121 28.9 25.0 37.6

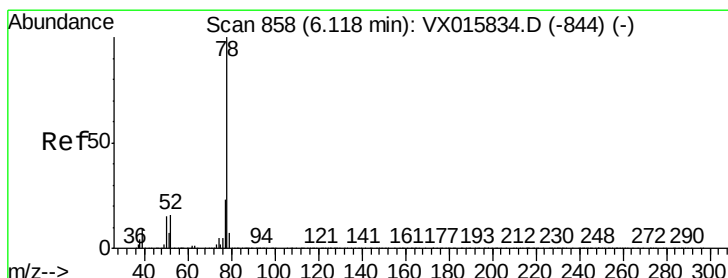
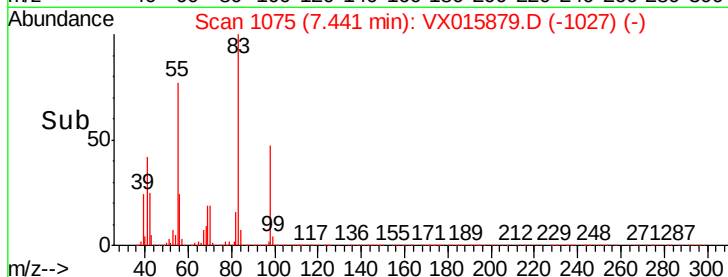
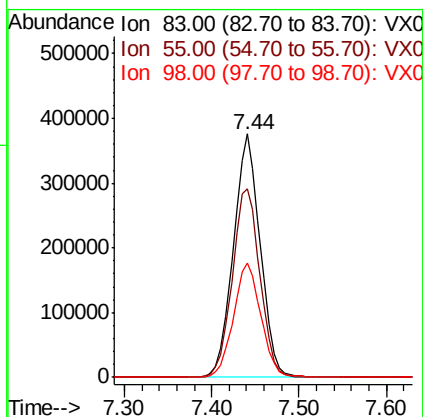
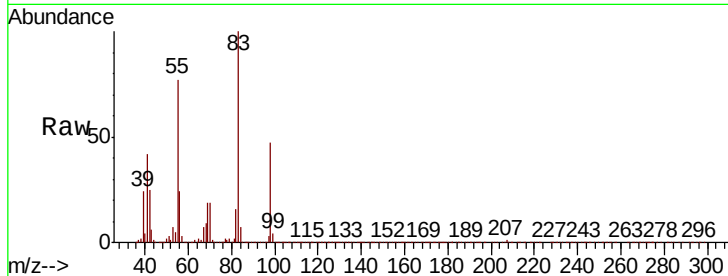




#39
Methylvlcyclohexane
Concen: 53.188 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015879.D
Acq: 23 Apr 2020 10:38

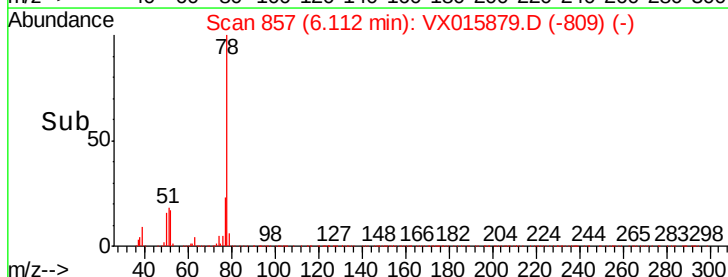
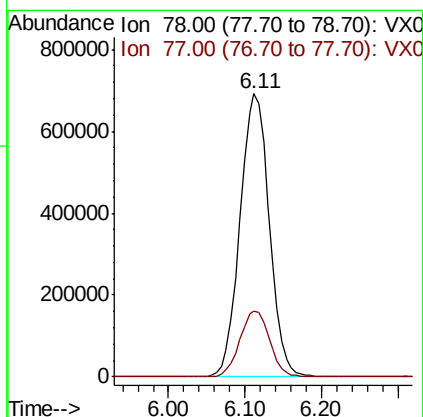
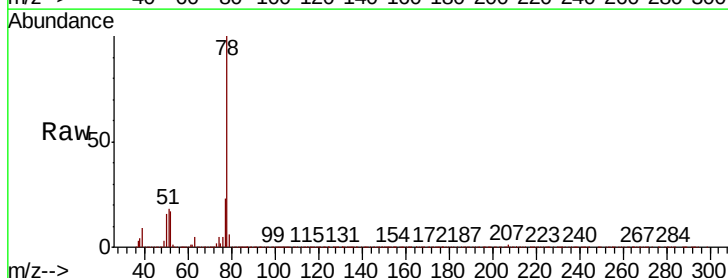
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

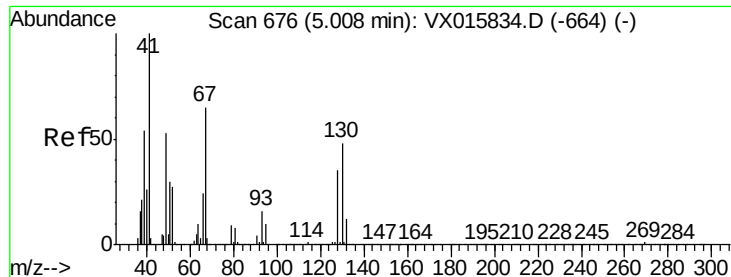
Tot Ion	83.00	Resp	797745
Ion	Ratio	Lower	Upper
83	100		
55	77.2	64.2	96.4
98	47.1	39.3	58.9



#40
Benzene
Concen: 51.508 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015879.D
Acq: 23 Apr 2020 10:38

Tgt Ion	78.00	Resp	1837379
Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	27.8

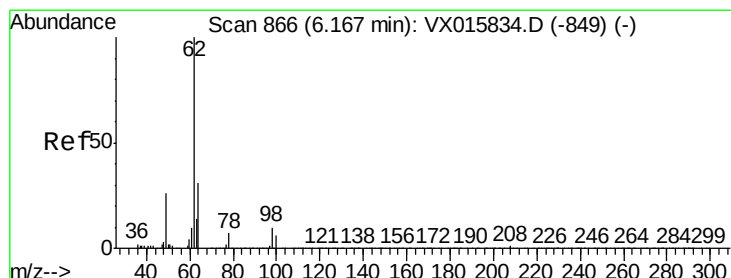
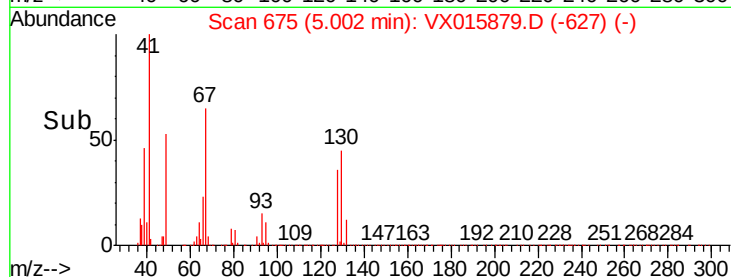
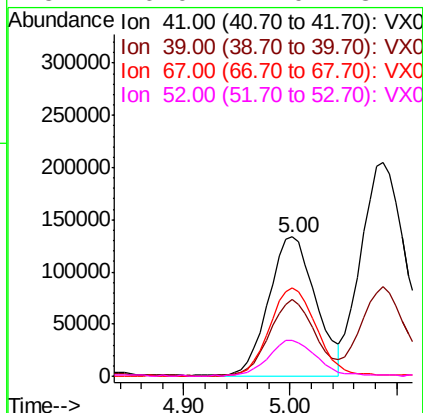
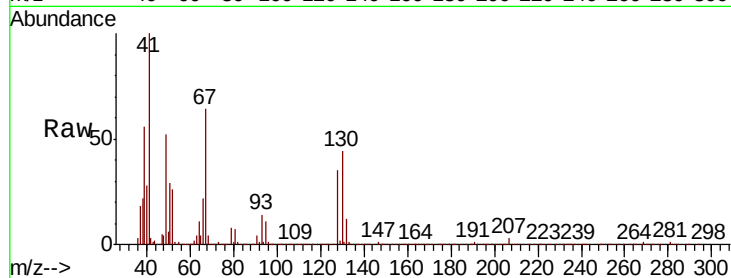




#41
Methacrylonitrile
Concen: 51.792 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015879.D
Acq: 23 Apr 2020 10:38

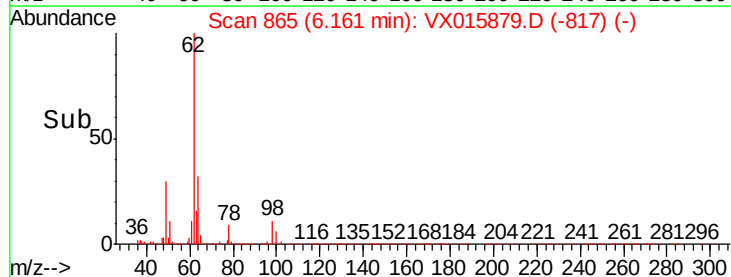
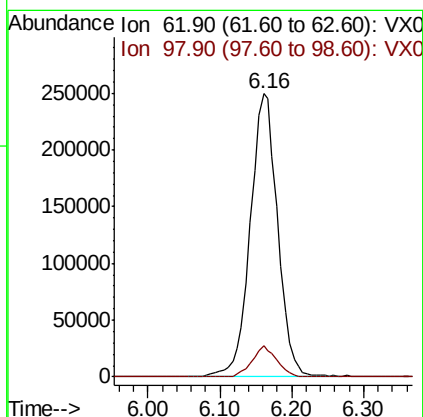
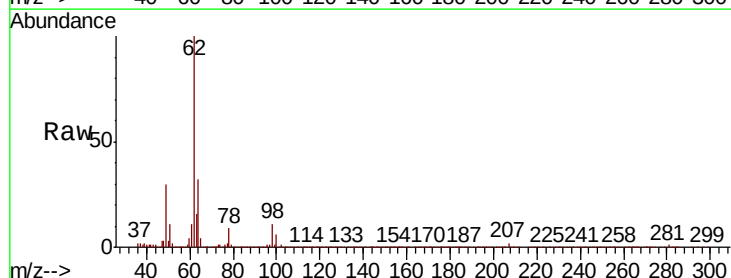
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

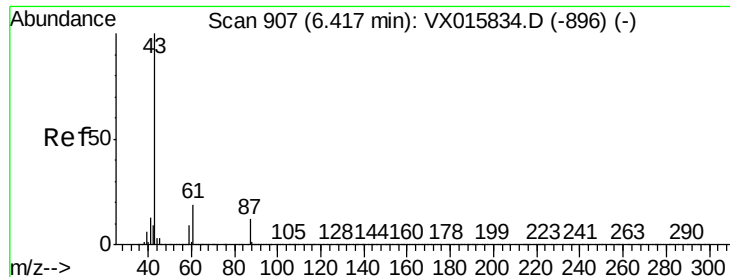
Tot Ion:	41	Resp:	405667
Ion	Ratio	Lower	Upper
41	100		
39	53.7	42.4	63.6
67	63.4	51.9	77.9
52	26.0	21.0	31.4



#42
1,2-Dichloroethane
Concen: 51.163 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015879.D
Acq: 23 Apr 2020 10:38

Tgt Ion:	62	Resp:	657207
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.0





#43

Isopropyl Acetate

Concen: 50.182 ug/l

RT: 6.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

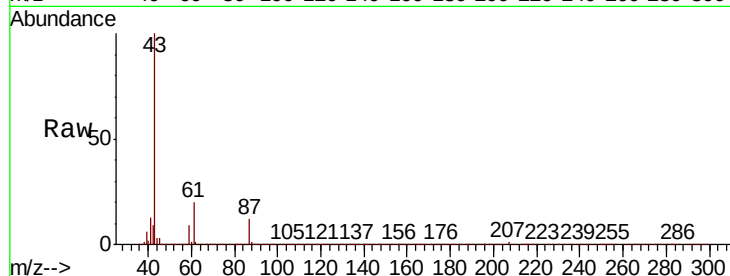
Tot Ion: 43 Resp: 1193195

Ion Ratio Lower Upper

43 100

61 19.5 15.4 23.2

87 12.6 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

600000

500000

400000

300000

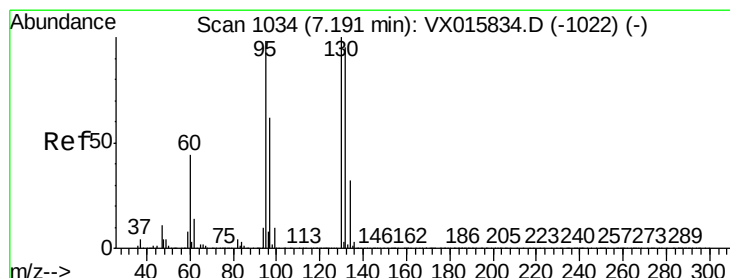
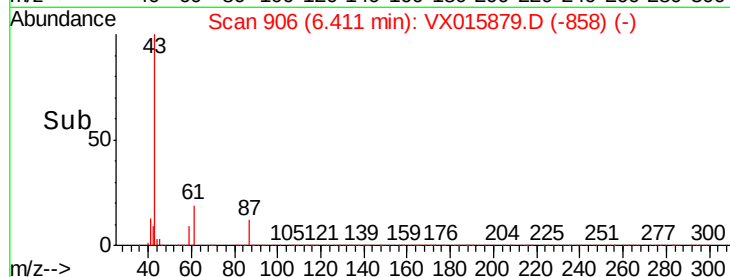
200000

100000

0

6.30 6.40 6.50

Time-->



#44

Trichloroethene

Concen: 51.199 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015879.D

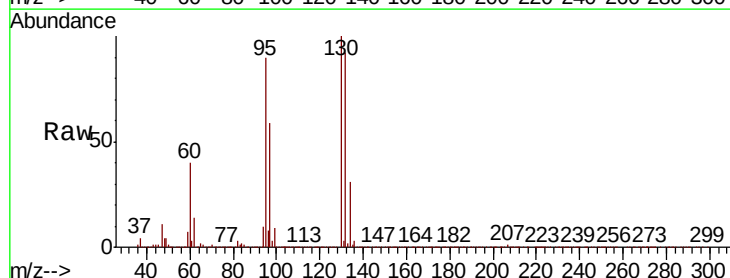
Acq: 23 Apr 2020 10:38

Tgt Ion:130 Resp: 641845

Ion Ratio Lower Upper

130 100

95 89.9 0.0 195.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

300000

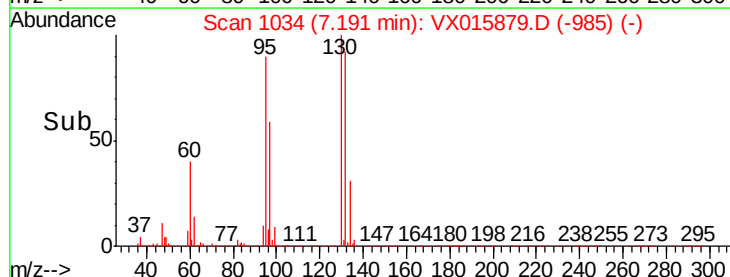
200000

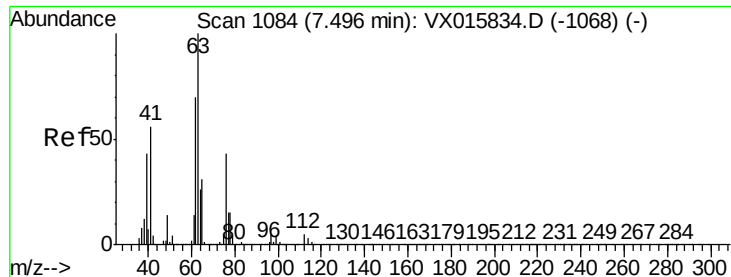
100000

0

7.10 7.20 7.30

Time-->





#45

1,2-Dichloropropane

Concen: 52.089 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

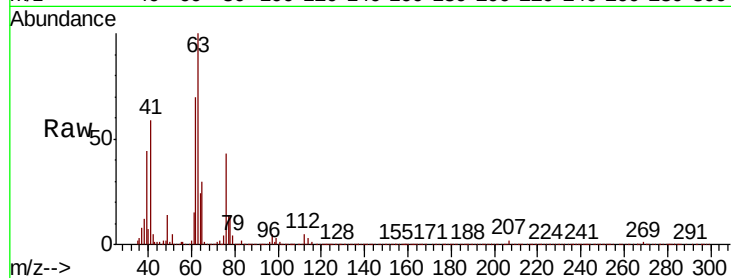
VSTDCCC050

Tot Ion: 63 Resp: 486947

Ion Ratio Lower Upper

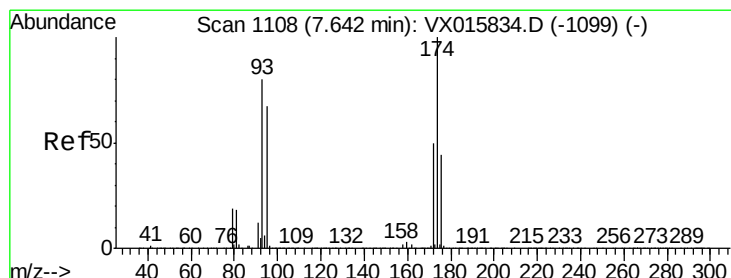
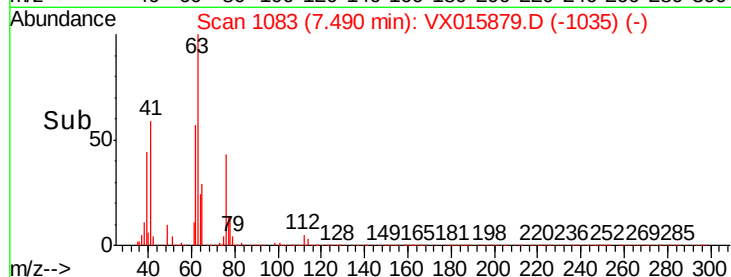
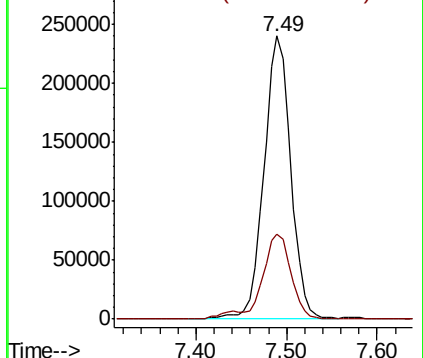
63 100

65 30.1 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.505 ug/l

RT: 7.64 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

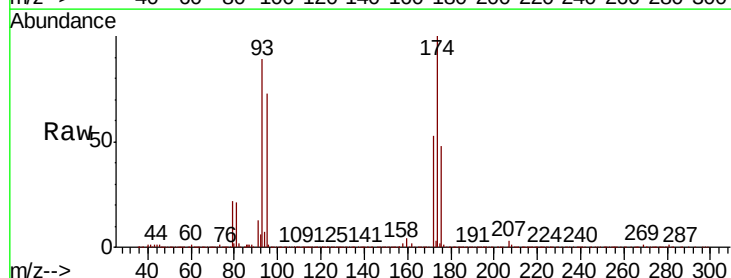
Tgt Ion: 93 Resp: 324187

Ion Ratio Lower Upper

93 100

95 84.8 65.8 98.8

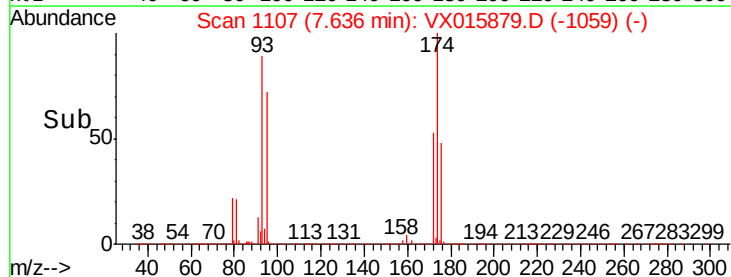
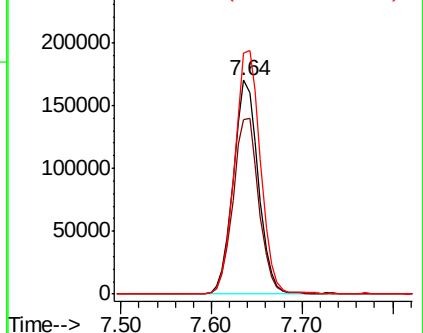
174 118.2 95.6 143.4

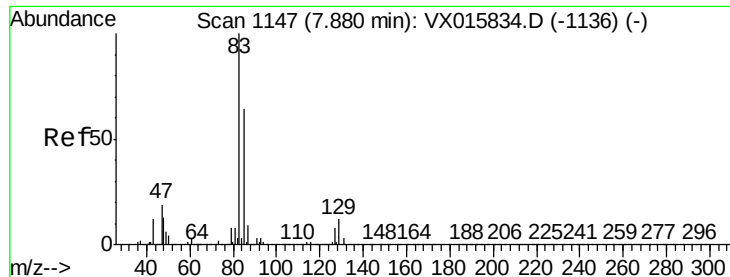


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.088 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

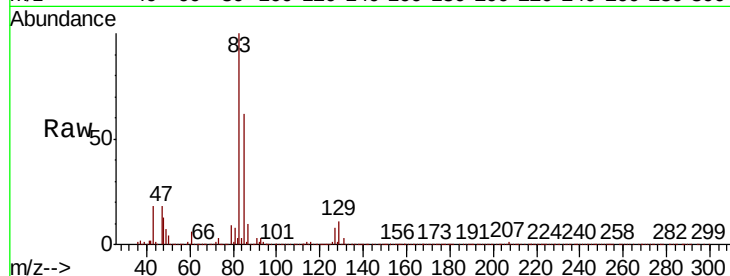
Tot Ion: 83 Resp: 656639

Ion Ratio Lower Upper

83 100

85 62.2 50.8 76.2

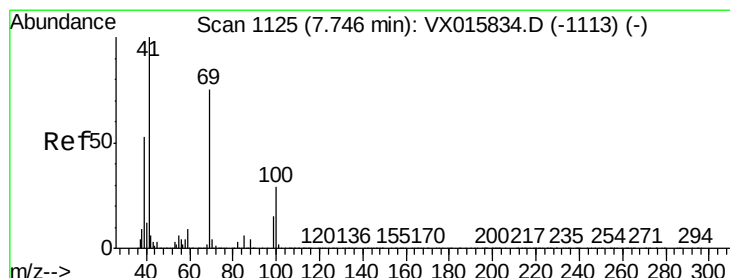
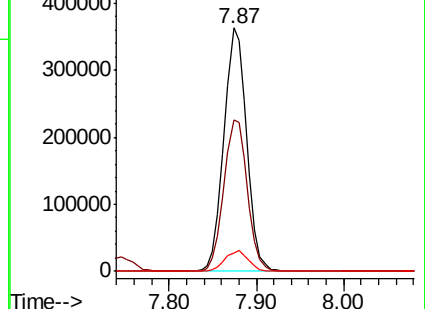
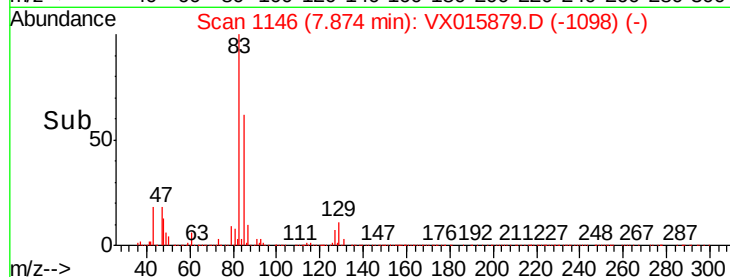
127 7.5 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.262 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.00 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

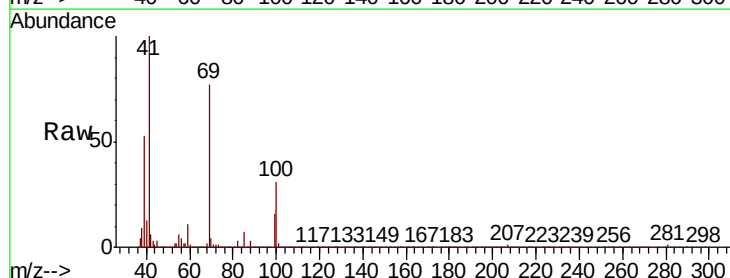
Tgt Ion: 41 Resp: 587859

Ion Ratio Lower Upper

41 100

69 76.6 60.5 90.7

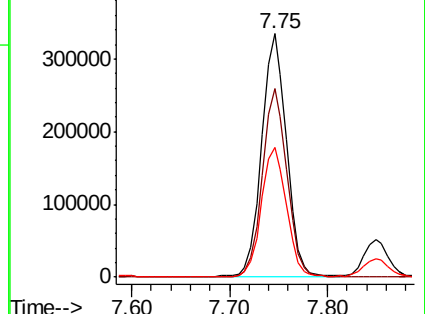
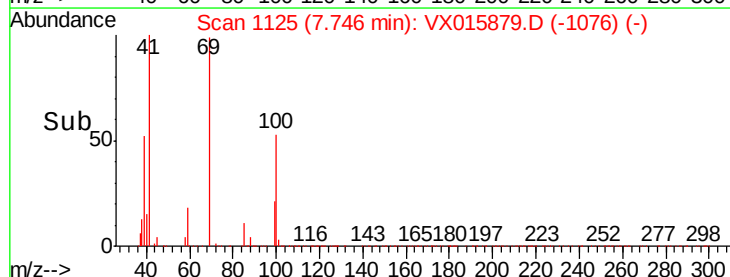
39 53.5 42.1 63.1

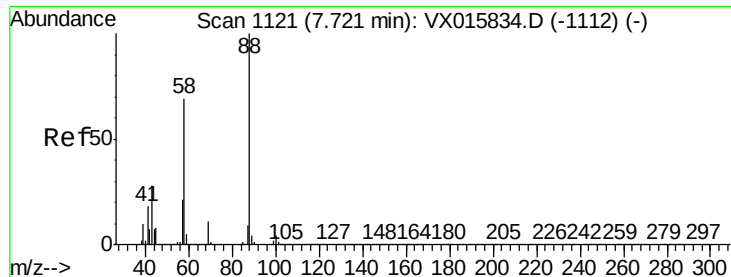


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 928.835 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.01 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

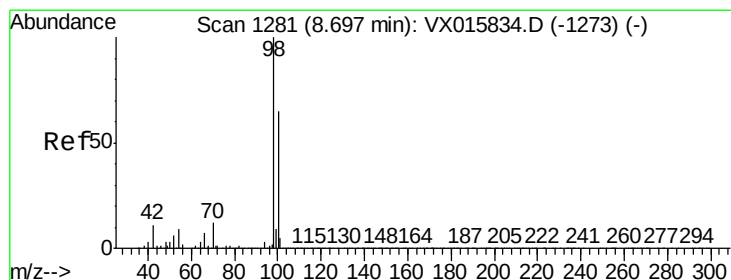
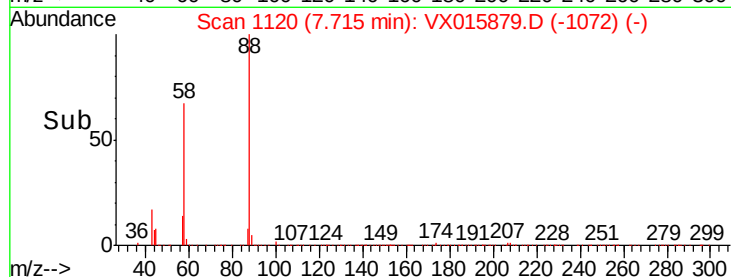
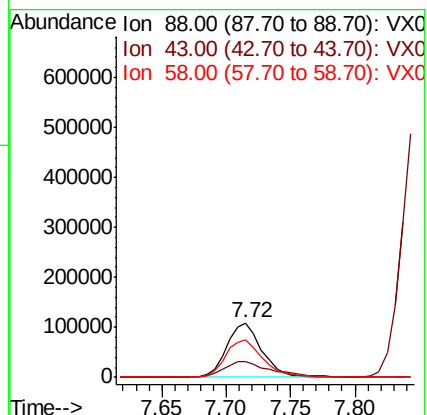
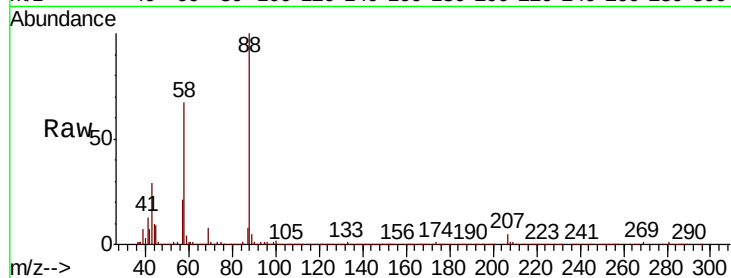
Tot Ion: 88 Resp: 205310

Ion Ratio Lower Upper

88 100

43 35.2 28.2 42.4

58 73.8 58.9 88.3



#50

Toluene-d8

Concen: 50.043 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015879.D

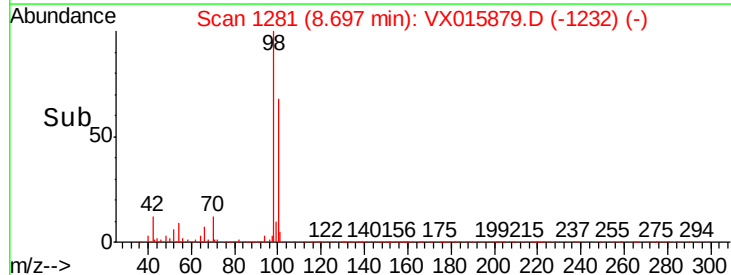
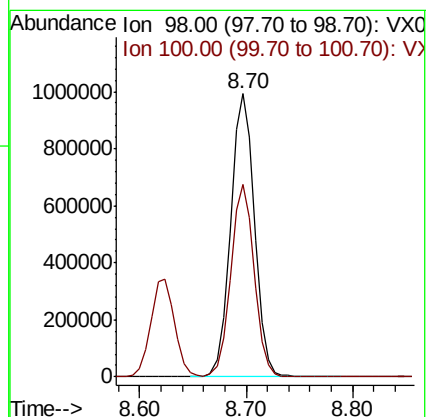
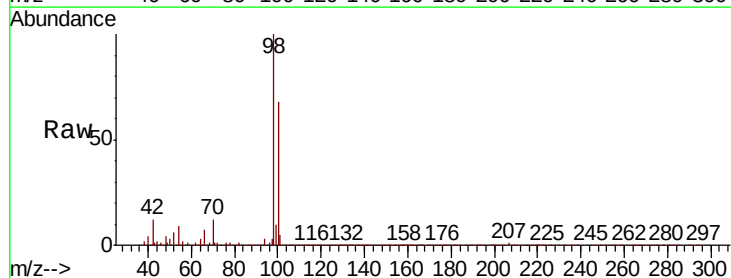
Acq: 23 Apr 2020 10:38

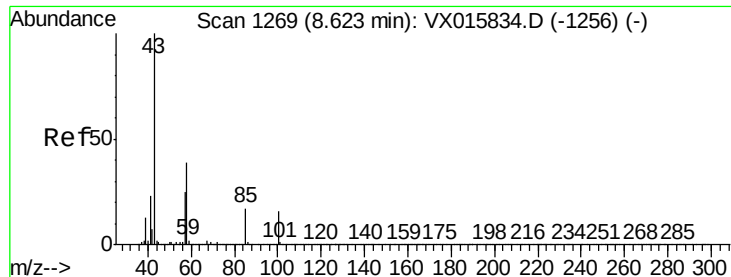
Tgt Ion: 98 Resp: 1553552

Ion Ratio Lower Upper

98 100

100 66.7 53.8 80.6





#51

4-Methyl-2-Pentanone

Concen: 249.203 ug/l

RT: 8.62 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

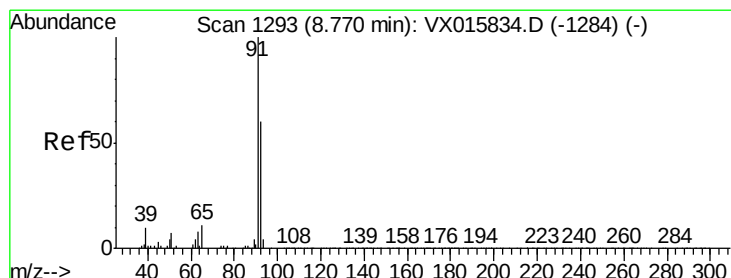
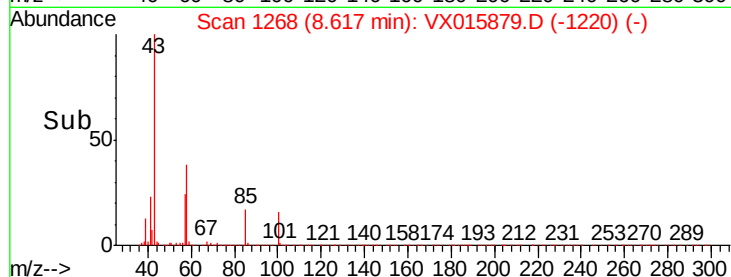
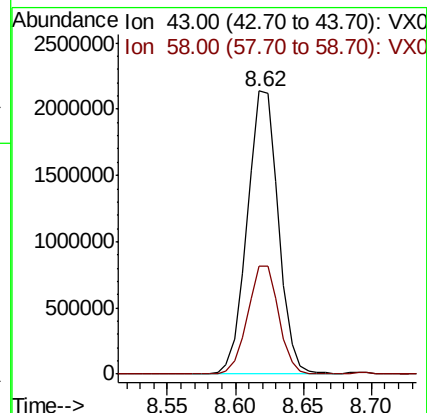
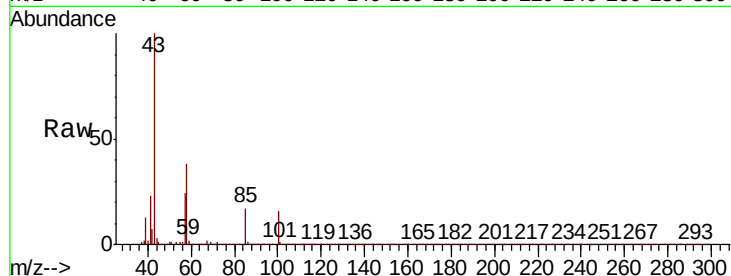
VSTDCCC050

Tot Ion: 43 Resp: 3420173

Ion Ratio Lower Upper

43 100

58 38.3 30.6 45.8



#52

Toluene

Concen: 52.388 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015879.D

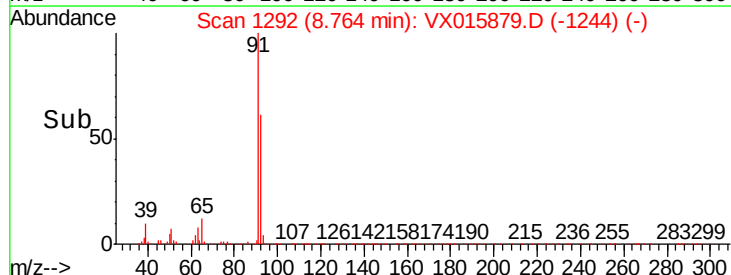
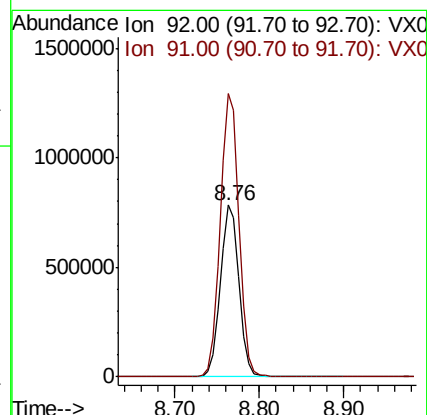
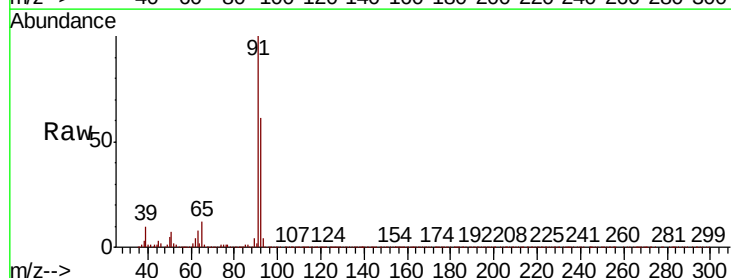
Acq: 23 Apr 2020 10:38

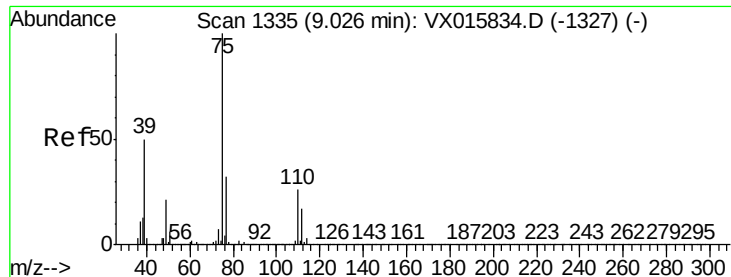
Tgt Ion: 92 Resp: 1197857

Ion Ratio Lower Upper

92 100

91 166.2 133.4 200.0

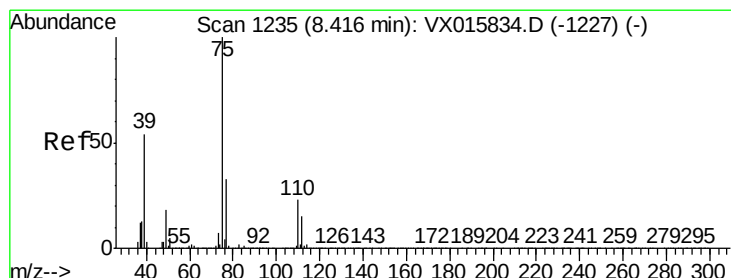
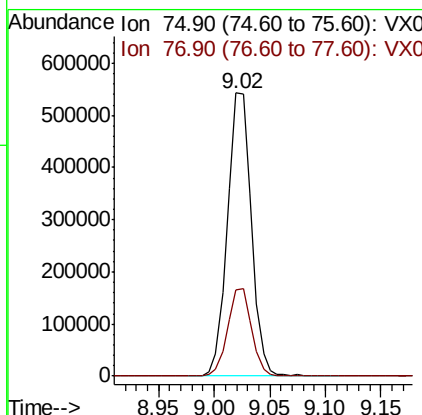
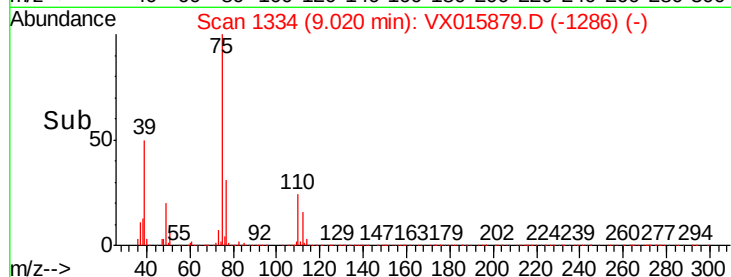
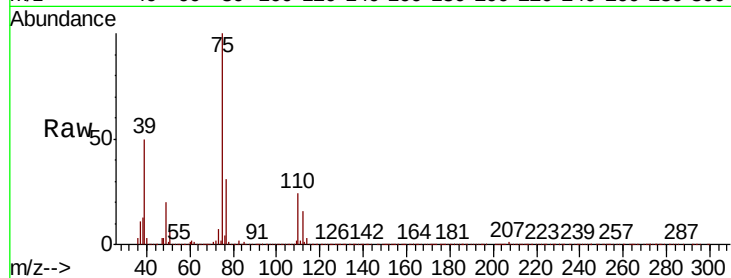




#53
t-1,3-Dichloropropene
Concen: 53.633 ug/l
RT: 9.02 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX015879.D
Acq: 23 Apr 2020 10:38

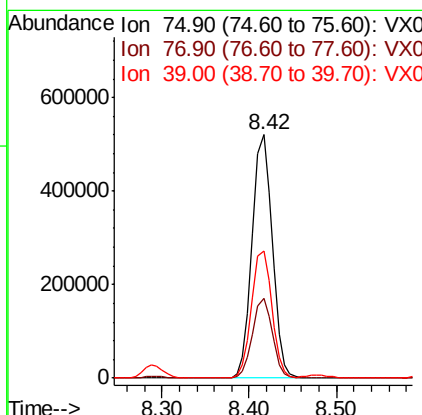
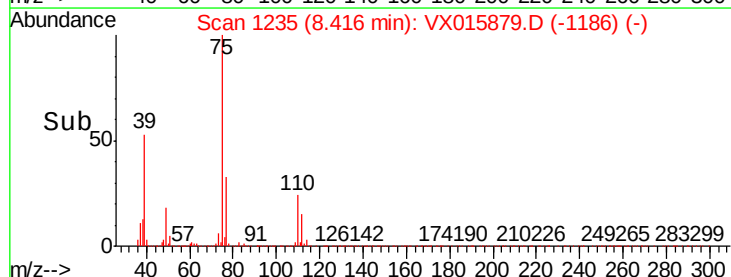
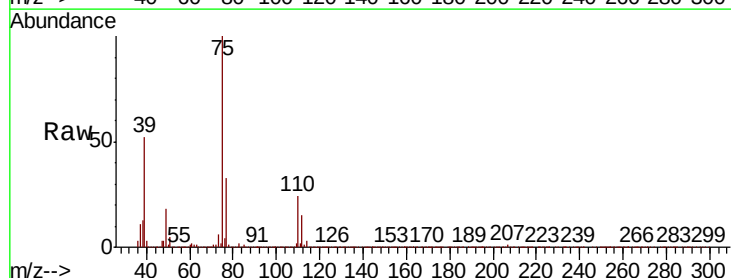
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

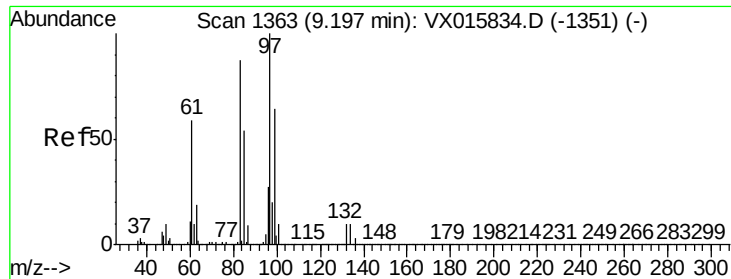
Tot Ion: 75 Resp: 807892
Ion Ratio Lower Upper
75 100
77 30.6 25.9 38.9



#54
cis-1,3-Dichloropropene
Concen: 52.423 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015879.D
Acq: 23 Apr 2020 10:38

Tgt Ion: 75 Resp: 834596
Ion Ratio Lower Upper
75 100
77 32.6 26.0 39.0
39 52.2 42.8 64.2

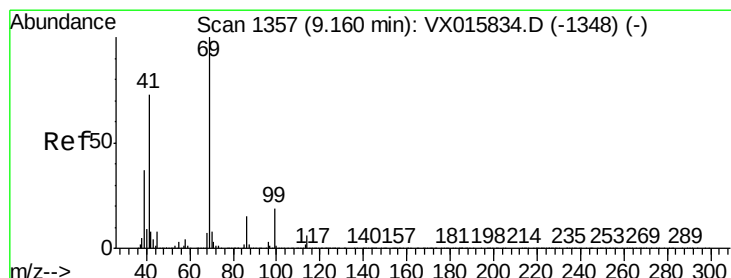
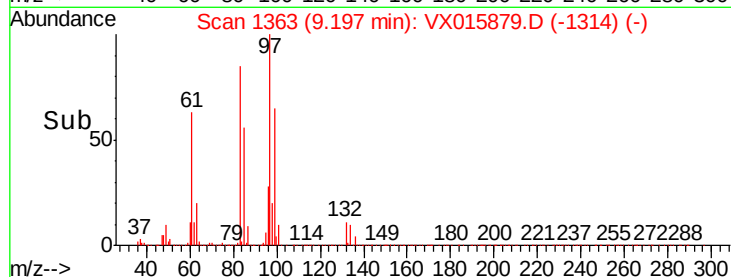
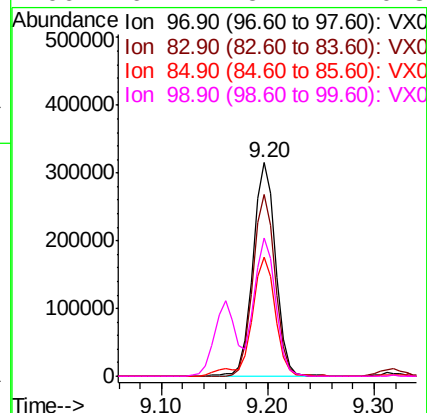
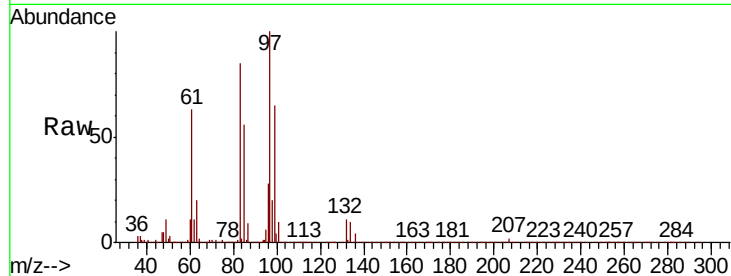




#55
 1,1,2-Trichloroethane
 Concen: 52.800 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015879.D
 Acq: 23 Apr 2020 10:38

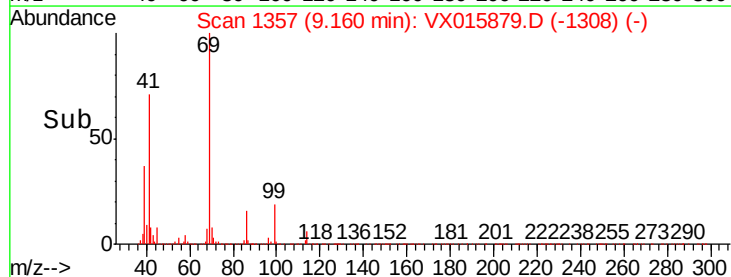
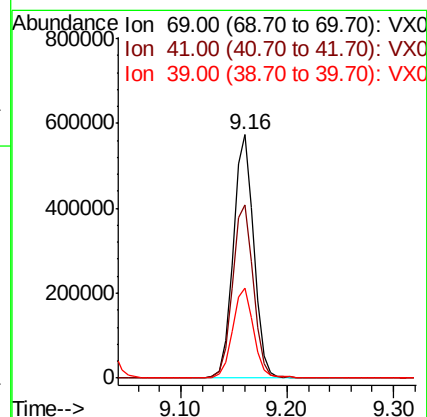
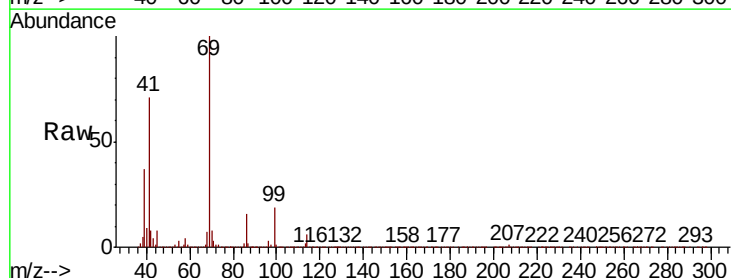
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

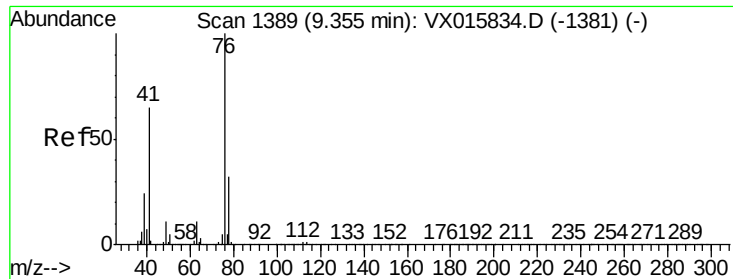
Tot Ion:	97	Resp:	471408
Ion	Ratio	Lower	Upper
97	100		
83	84.9	69.8	104.8
85	55.9	43.4	65.2
99	64.7	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 51.147 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015879.D
 Acq: 23 Apr 2020 10:38

Tgt Ion:	69	Resp:	773493
Ion	Ratio	Lower	Upper
69	100		
41	72.2	57.4	86.2
39	37.9	29.7	44.5





#57

1,3-Dichloropropane

Concen: 52.342 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

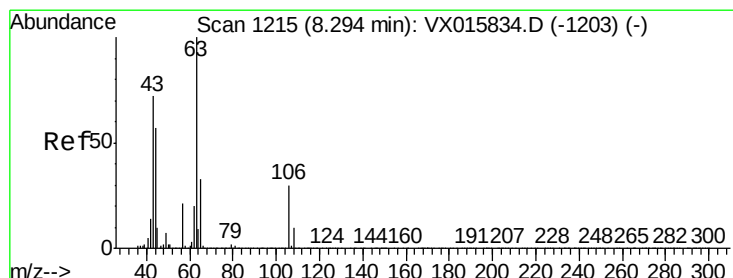
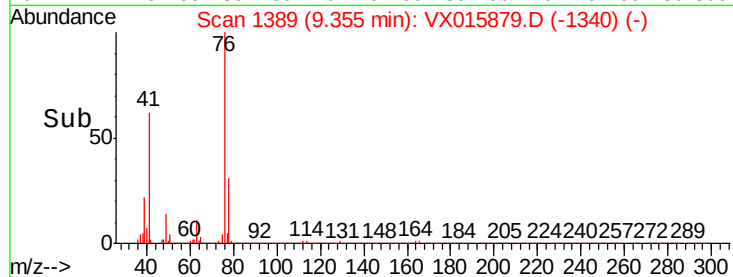
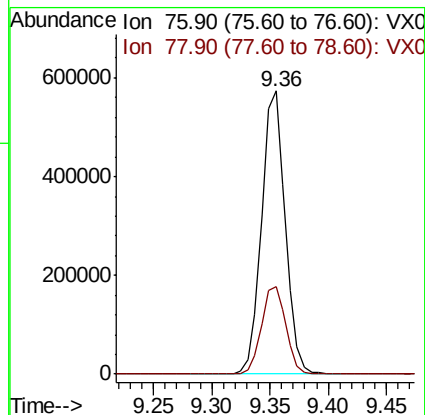
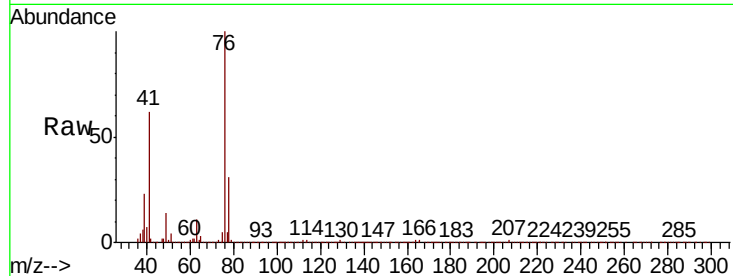
VSTDCCC050

Tot Ion: 76 Resp: 812089

Ion Ratio Lower Upper

76 100

78 31.9 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 255.810 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015879.D

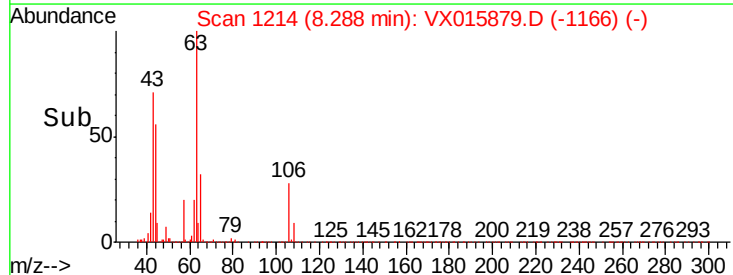
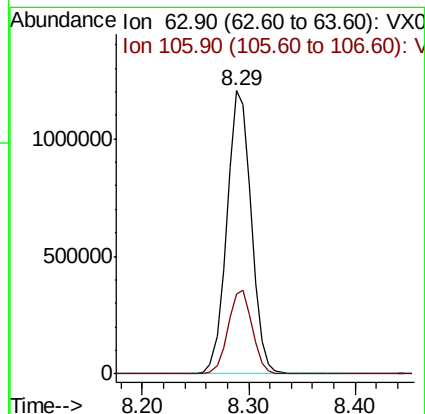
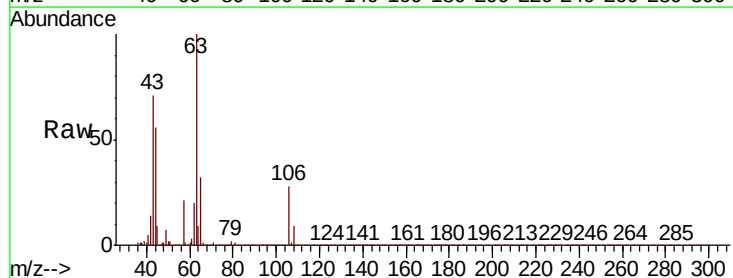
Acq: 23 Apr 2020 10:38

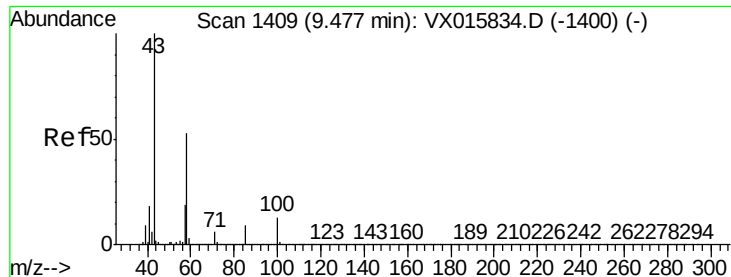
Tgt Ion: 63 Resp: 1932613

Ion Ratio Lower Upper

63 100

106 29.5 23.8 35.8

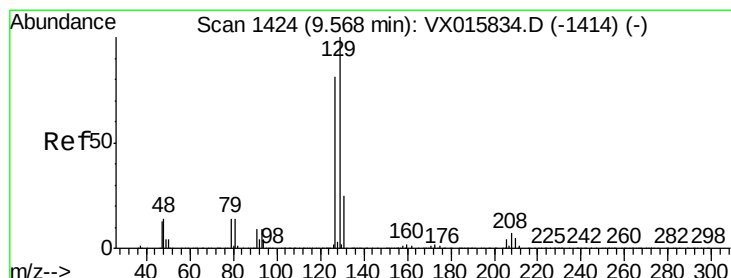
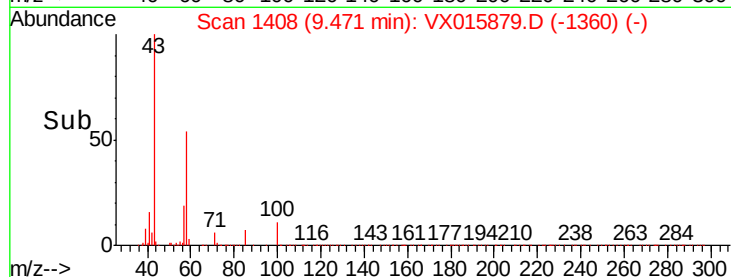
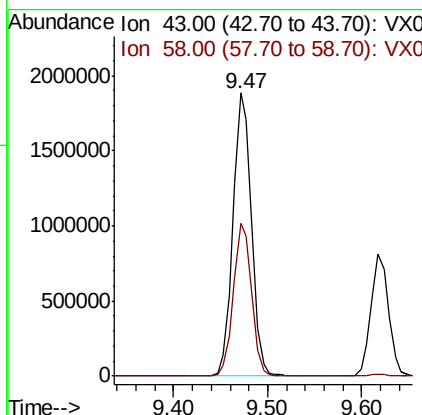
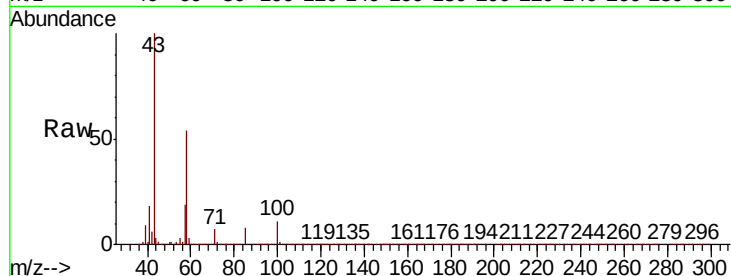




#59
2-Hexanone
Concen: 243.544 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015879.D
Acq: 23 Apr 2020 10:38

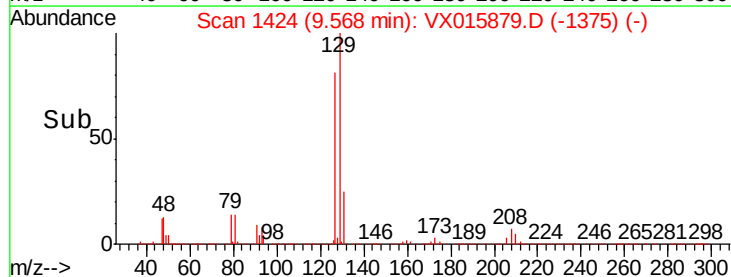
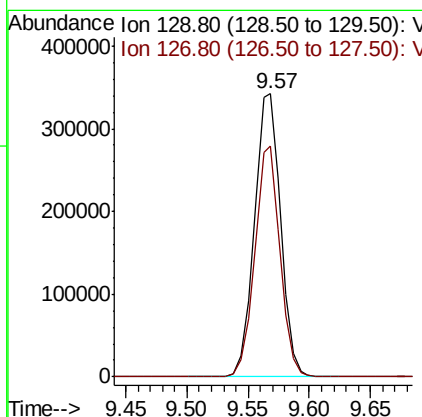
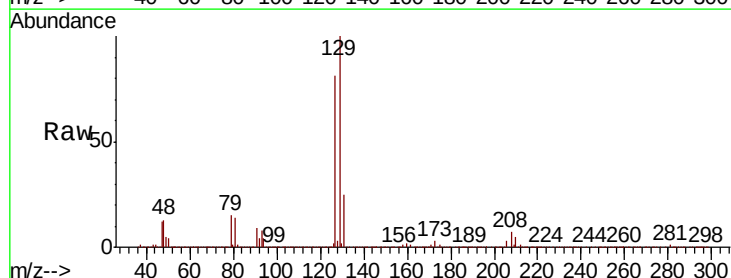
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

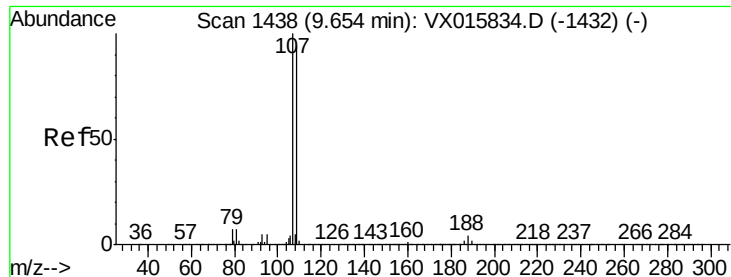
Tot Ion: 43 Resp: 2546341
Ion Ratio Lower Upper
43 100
58 53.3 26.5 79.4



#60
Dibromochloromethane
Concen: 55.540 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015879.D
Acq: 23 Apr 2020 10:38

Tgt Ion: 129 Resp: 512091
Ion Ratio Lower Upper
129 100
127 78.8 40.0 120.0





#61

1,2-Dibromoethane

Concen: 50.624 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

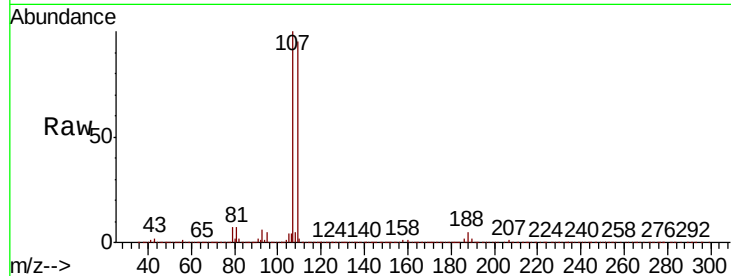
VSTDCCC050

Tot Ion:107 Resp: 499542

Ion Ratio Lower Upper

107 100

109 95.7 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

400000

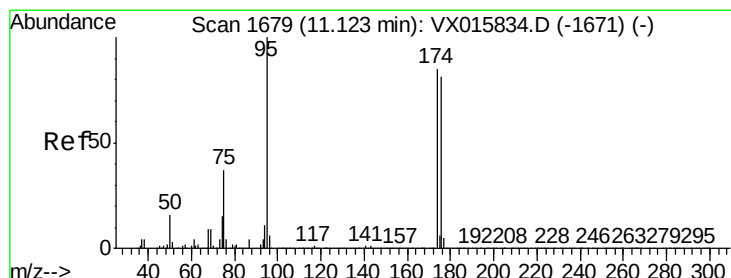
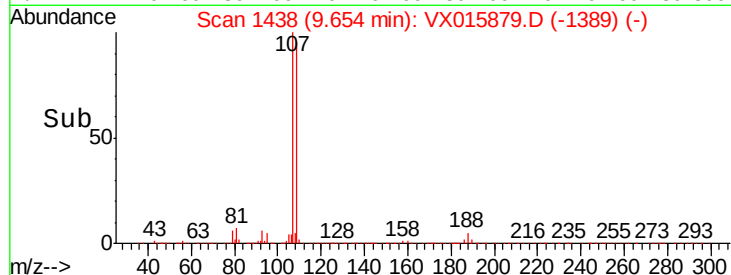
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.310 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

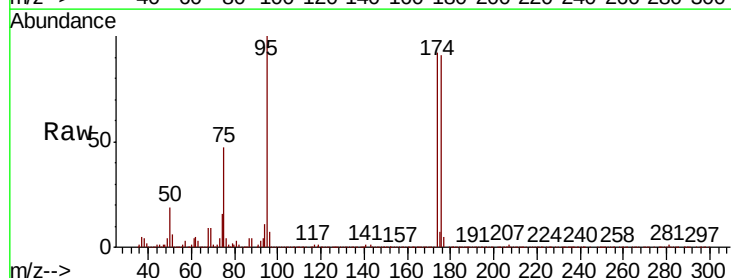
Tgt Ion: 95 Resp: 640716

Ion Ratio Lower Upper

95 100

174 88.2 0.0 172.4

176 85.5 0.0 167.0



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

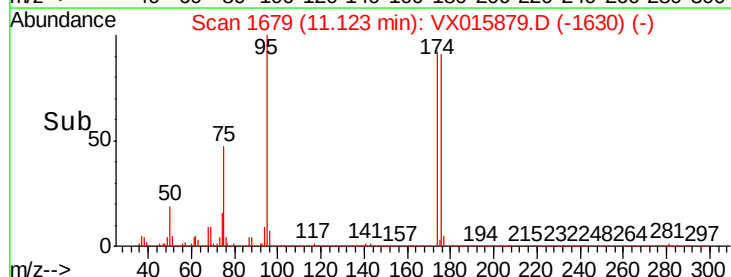
600000

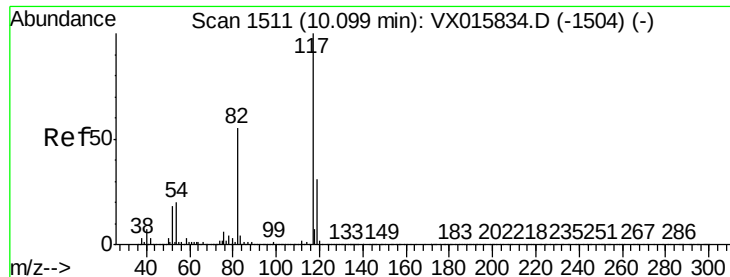
400000

200000

0

Time-->

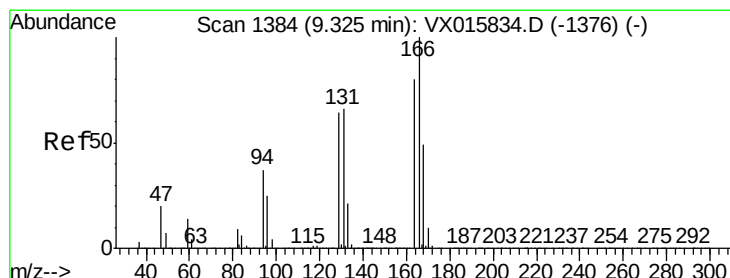
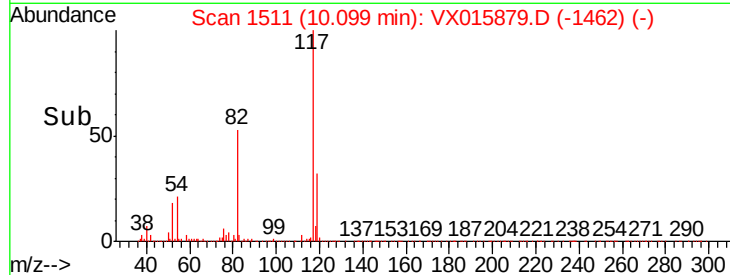
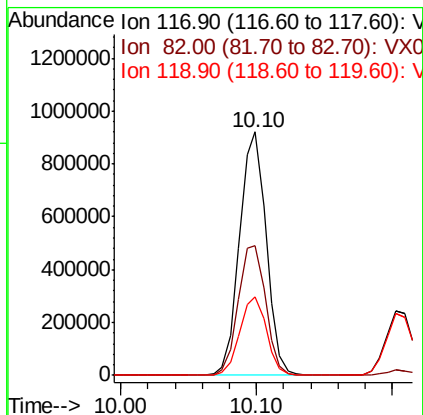
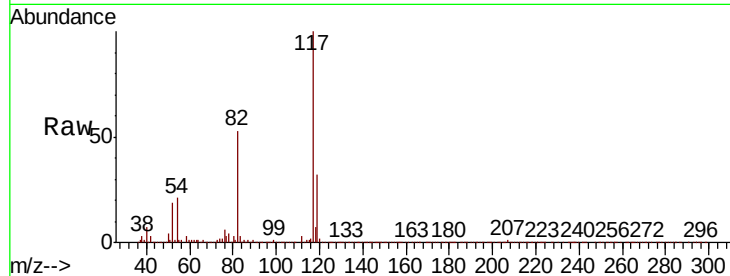




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015879.D
Acq: 23 Apr 2020 10:38

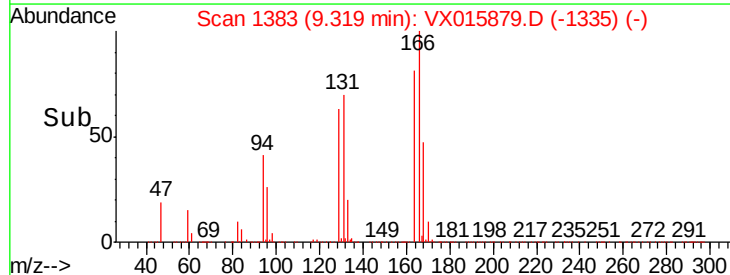
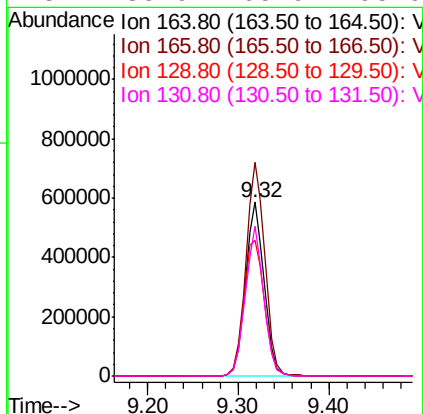
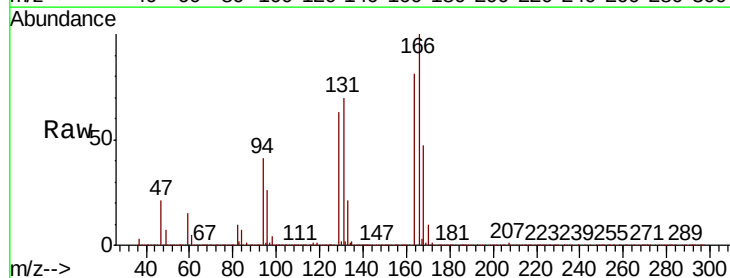
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

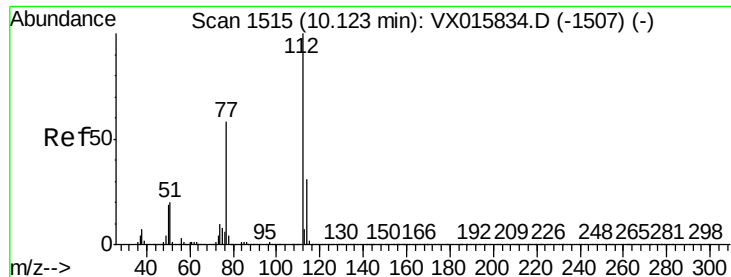
Tot Ion:117 Resp: 1258493
Ion Ratio Lower Upper
117 100
82 53.2 43.9 65.9
119 32.1 25.1 37.7



#64
Tetrachloroethene
Concen: 48.794 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.01 min
Lab File: VX015879.D
Acq: 23 Apr 2020 10:38

Tgt Ion:164 Resp: 827704
Ion Ratio Lower Upper
164 100
166 122.8 100.2 150.2
129 77.7 64.5 96.7
131 85.9 65.9 98.9

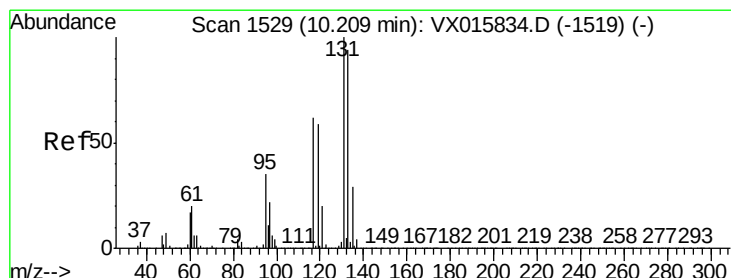
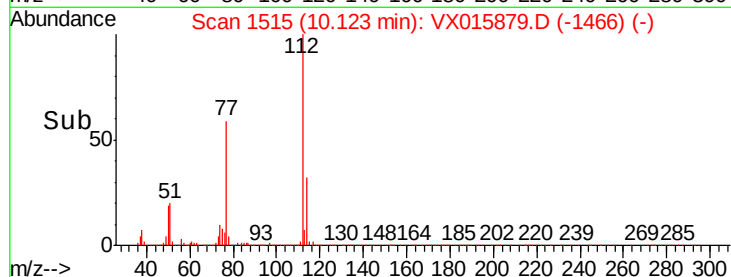
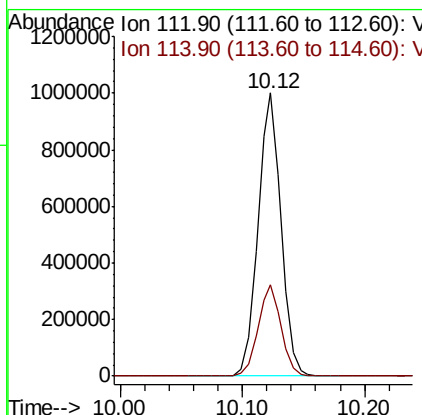
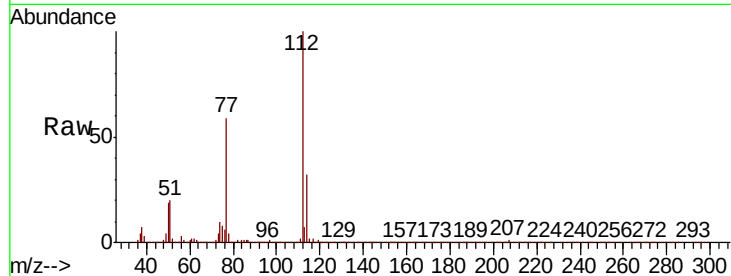




#65
Chlorobenzene
Concen: 52.141 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015879.D
Acq: 23 Apr 2020 10:38

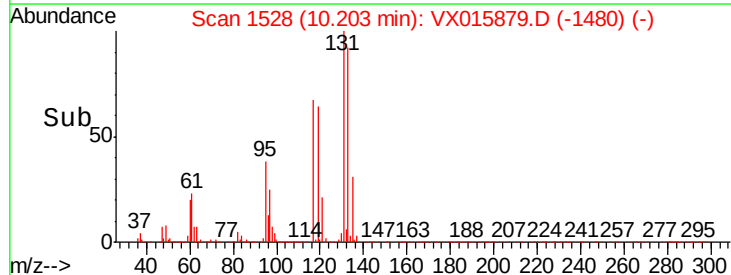
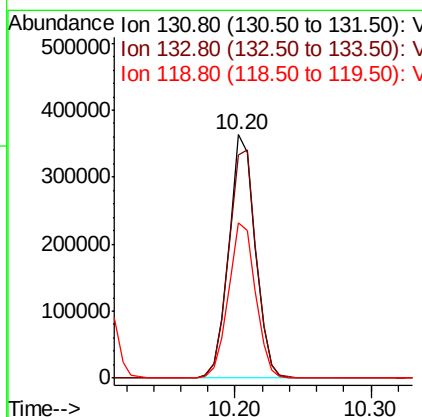
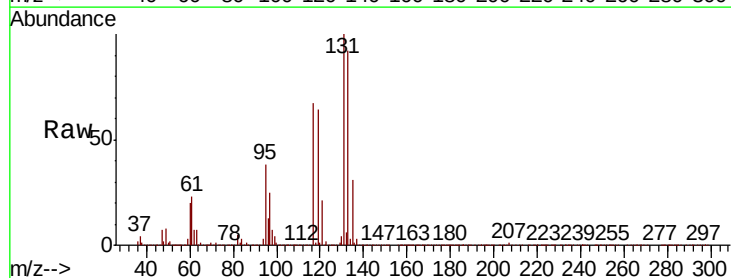
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

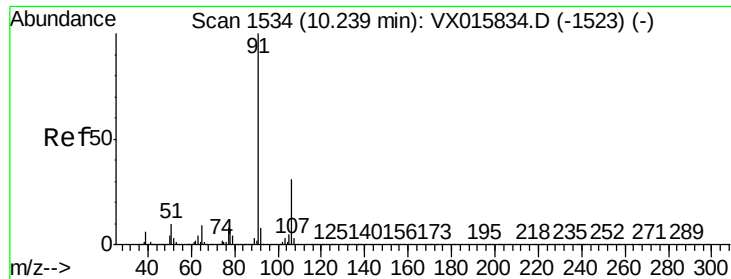
Tot Ion:112 Resp: 1312178
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.019 ug/l
RT: 10.20 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VX015879.D
Acq: 23 Apr 2020 10:38

Tgt Ion:131 Resp: 489341
Ion Ratio Lower Upper
131 100
133 97.7 47.0 141.2
119 65.4 30.9 92.8





#67

Ethyl Benzene

Concen: 53.108 ug/l

RT: 10.23 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

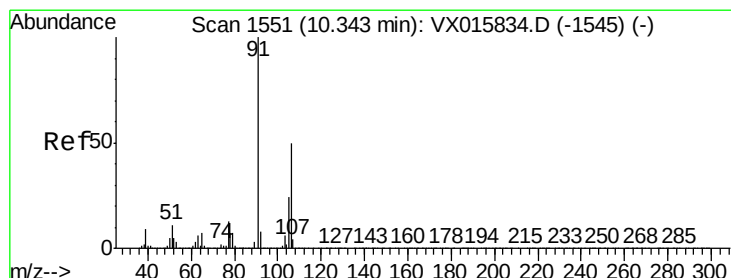
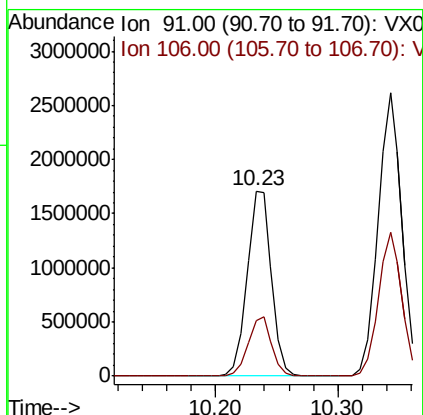
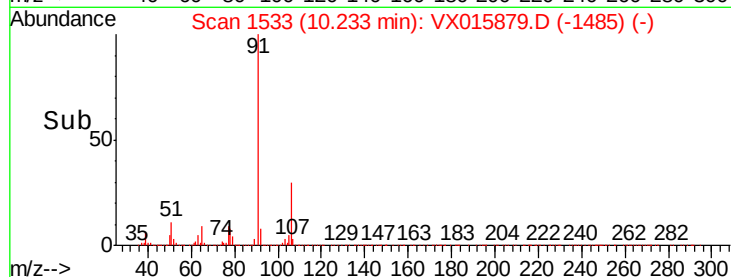
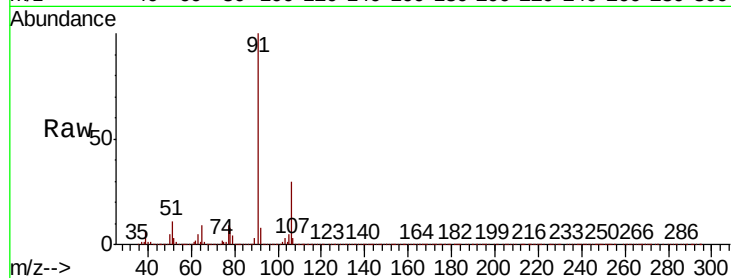
VSTDCCC050

Tot Ion: 91 Resp: 2347029

Ion Ratio Lower Upper

91 100

106 30.2 25.0 37.4



#68

m/p-Xylenes

Concen: 107.205 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015879.D

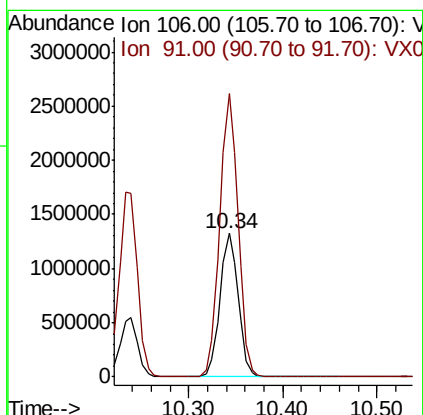
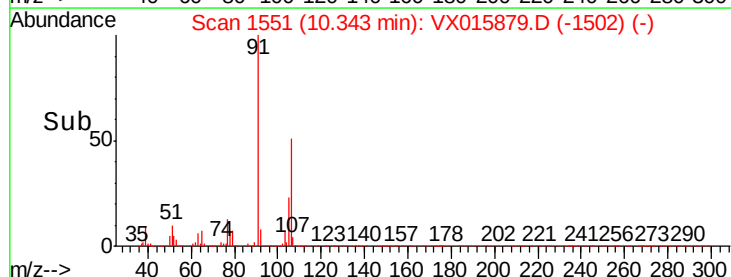
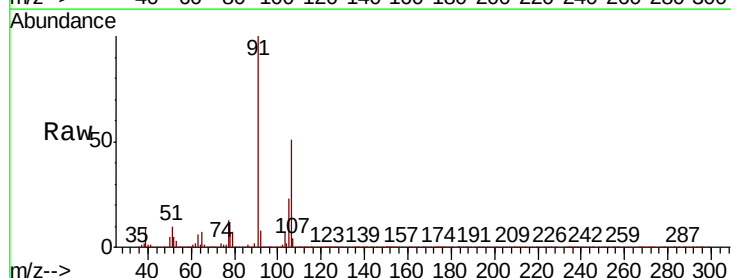
Acq: 23 Apr 2020 10:38

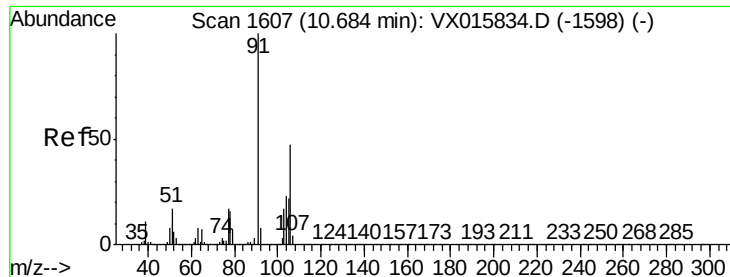
Tgt Ion: 106 Resp: 1778312

Ion Ratio Lower Upper

106 100

91 198.8 161.1 241.7

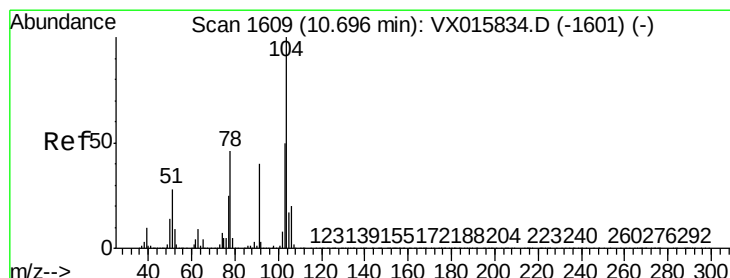
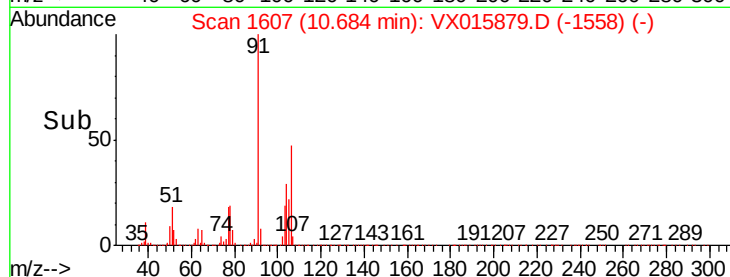
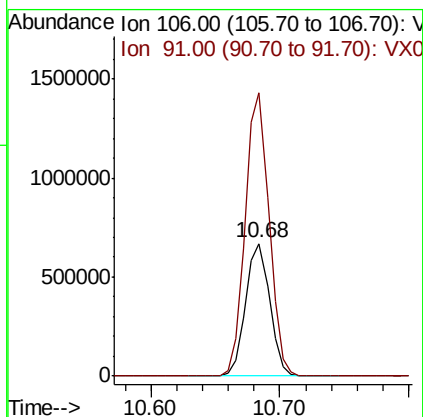
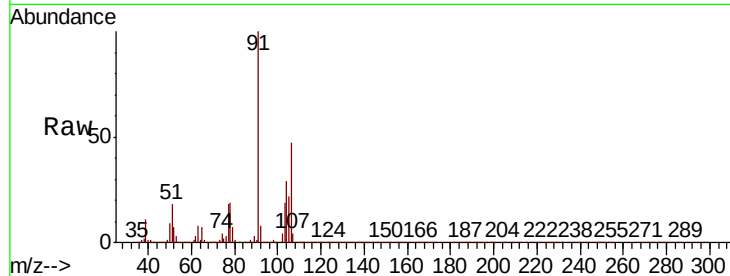




#69
o-Xylene
Concen: 52.506 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015879.D
Acq: 23 Apr 2020 10:38

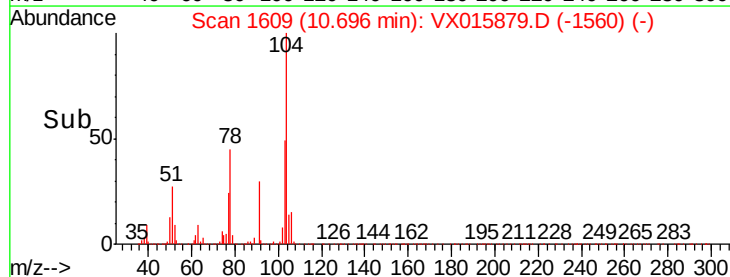
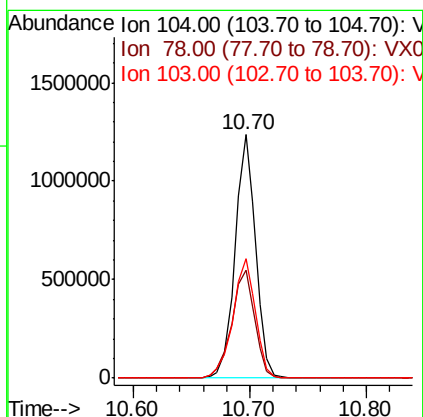
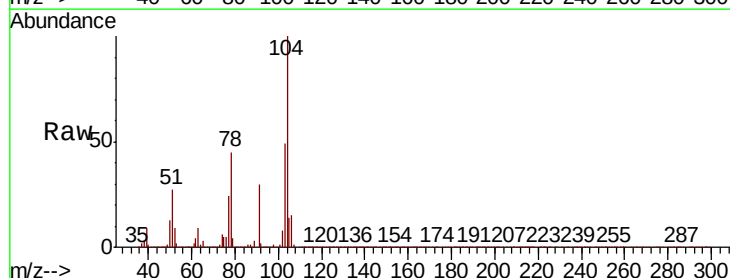
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

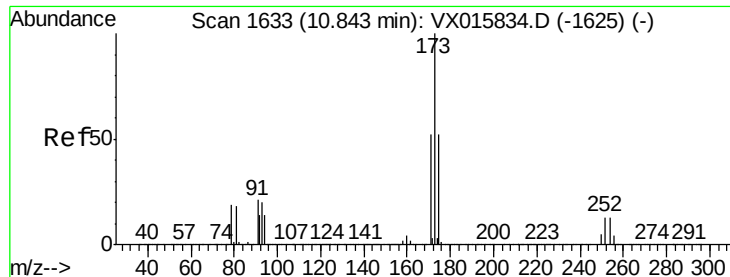
Tot Ion:106 Resp: 857082
Ion Ratio Lower Upper
106 100
91 212.1 107.1 321.3



#70
Styrene
Concen: 53.546 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015879.D
Acq: 23 Apr 2020 10:38

Tgt Ion:104 Resp: 1513439
Ion Ratio Lower Upper
104 100
78 50.2 40.1 60.1
103 53.9 43.3 64.9





#71

Bromoform

Concen: 62.310 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

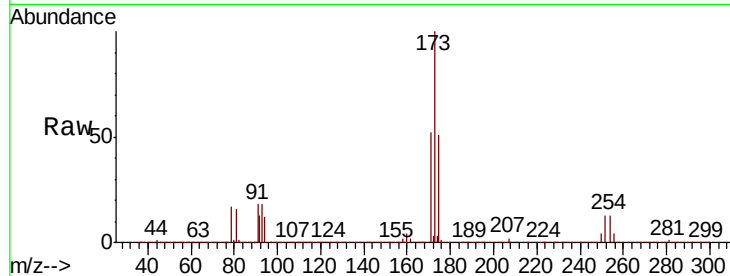
Tot Ion:173 Resp: 381949

Ion Ratio Lower Upper

173 100

175 49.1 25.1 75.4

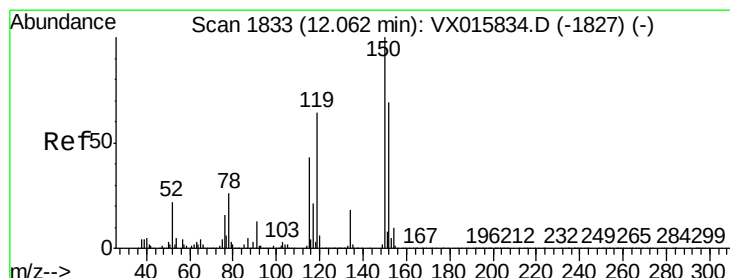
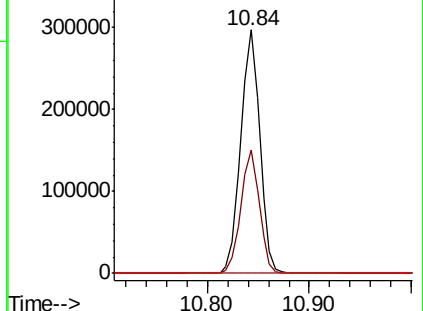
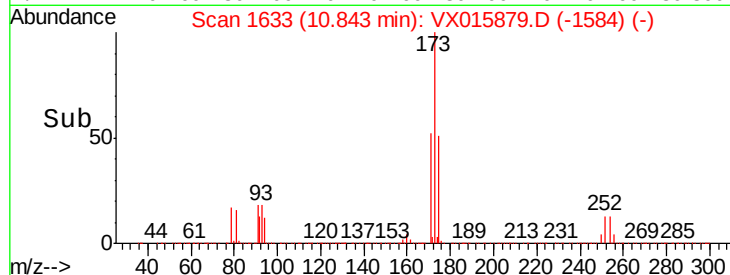
254 0.2 0.3 0.5#



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# 1833

Delta R.T. 0.00 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

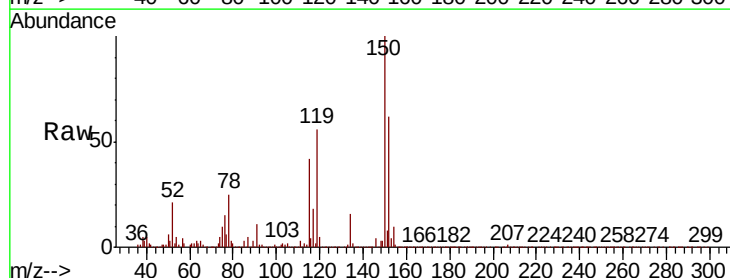
Tgt Ion:152 Resp: 657736

Ion Ratio Lower Upper

152 100

115 80.9 39.0 116.9

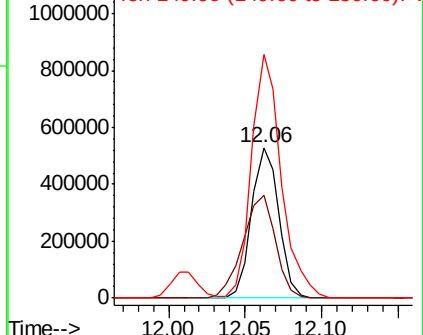
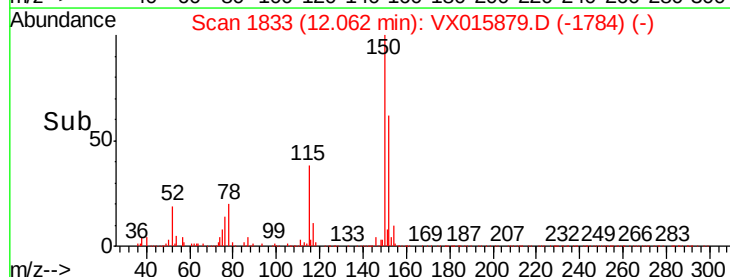
150 176.2 0.0 336.8

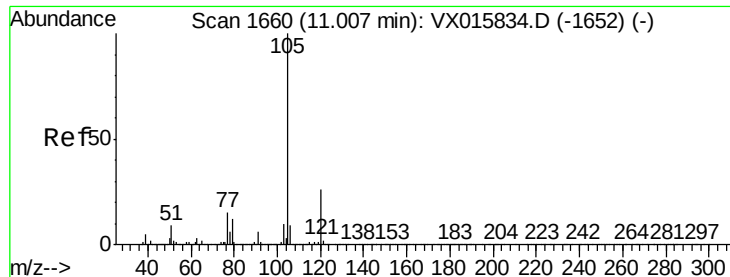


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.363 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

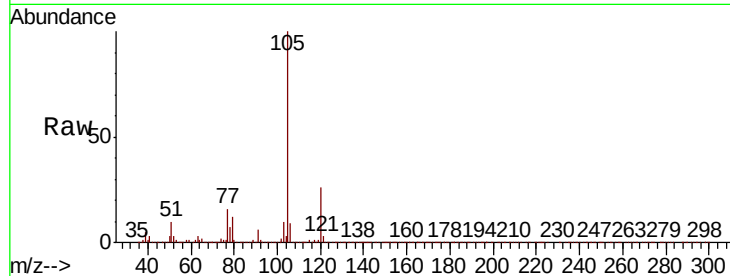
VSTDCCC050

Tot Ion:105 Resp: 2312677

Ion Ratio Lower Upper

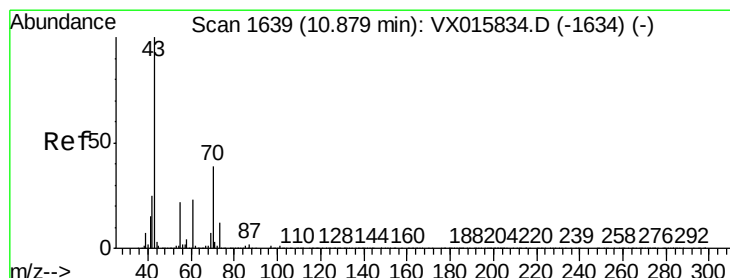
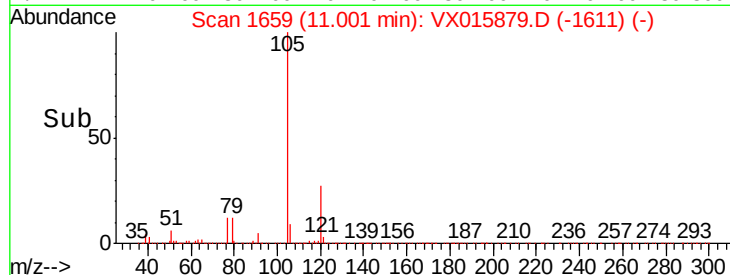
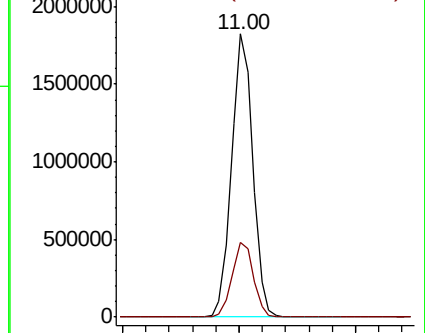
105 100

120 26.7 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.458 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. 0.00 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

Tgt Ion: 43 Resp: 1109691

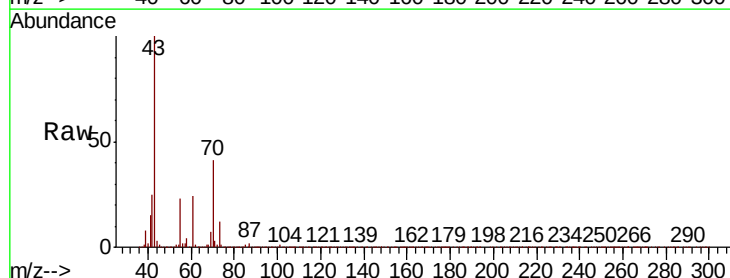
Ion Ratio Lower Upper

43 100

70 40.9 32.6 49.0

55 22.8 18.3 27.5

61 23.7 18.7 28.1

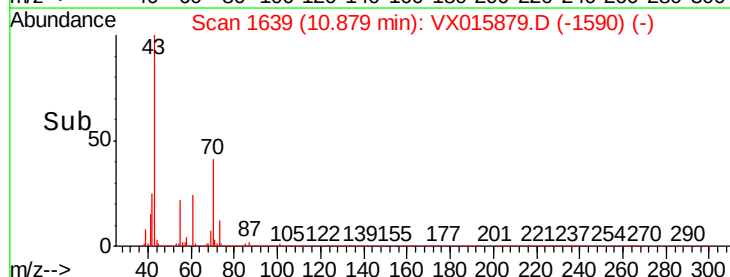
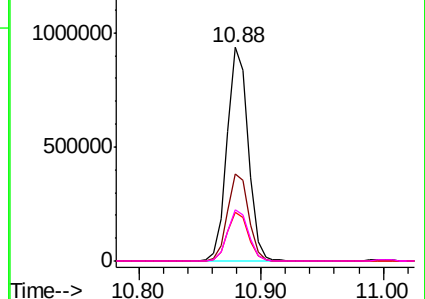


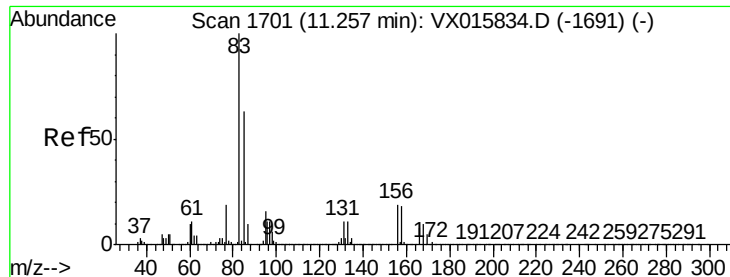
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 53.058 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

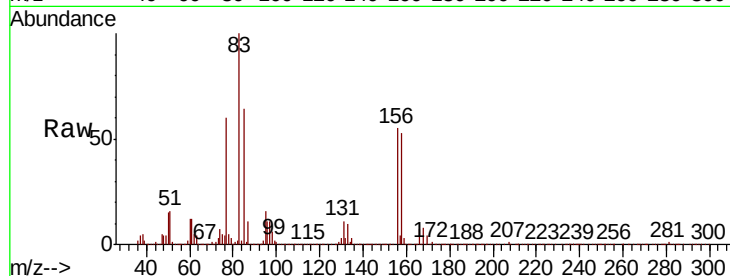
Tot Ion: 83 Resp: 469063

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

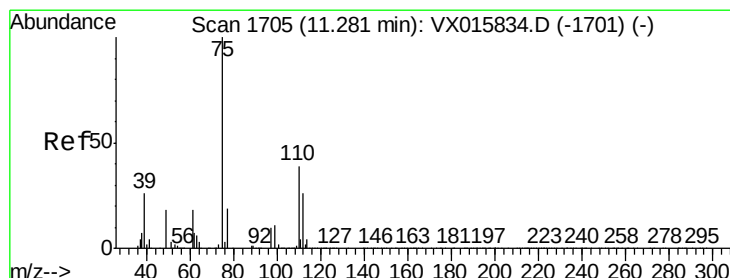
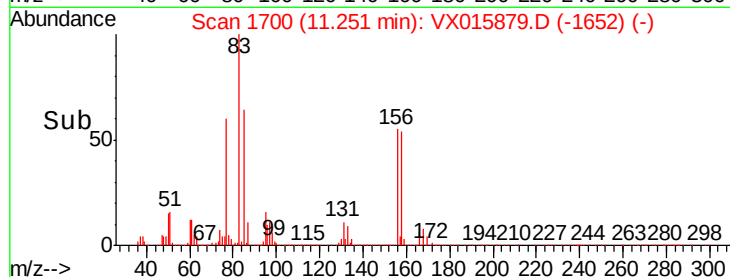
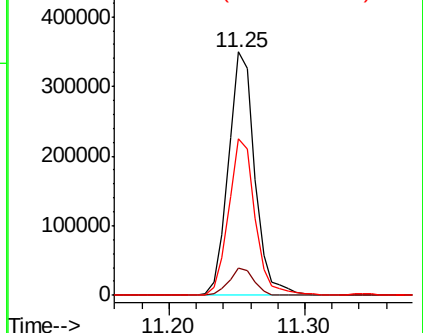
85 64.8 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 67.837 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015879.D

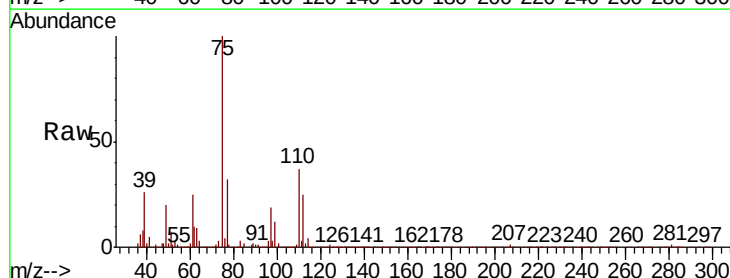
Acq: 23 Apr 2020 10:38

Tgt Ion: 75 Resp: 848466

Ion Ratio Lower Upper

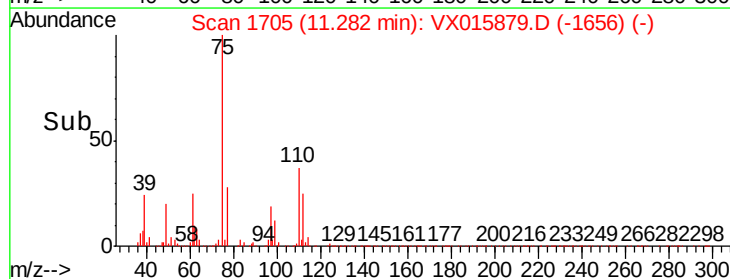
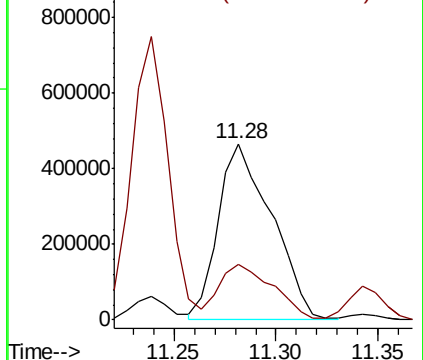
75 100

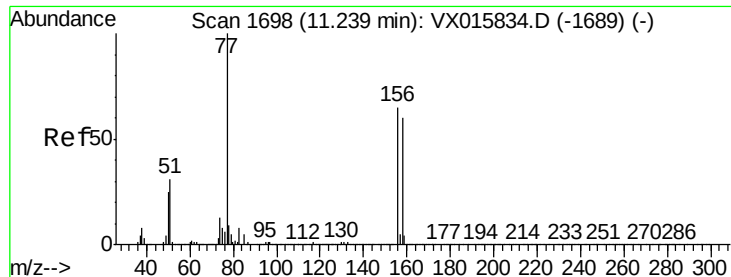
77 31.6 21.3 63.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 54.647 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

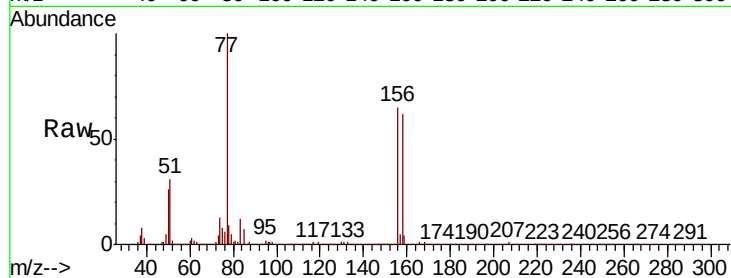
Tot Ion:156 Resp: 623726

Ion Ratio Lower Upper

156 100

77 150.4 75.2 225.6

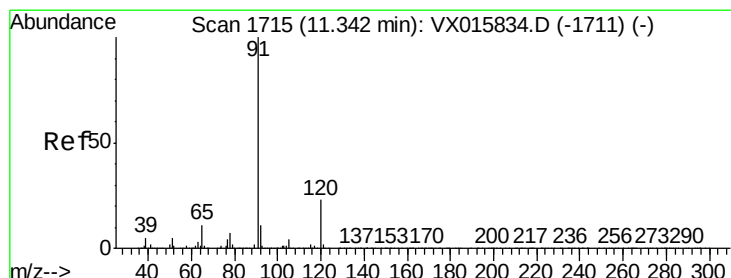
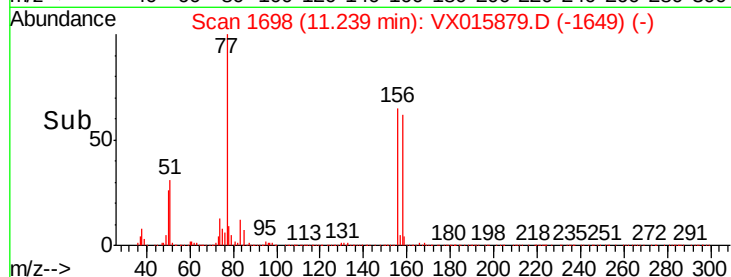
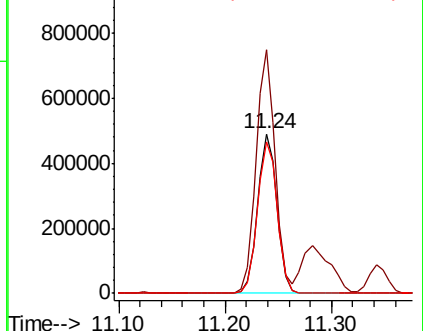
158 96.9 47.9 143.6



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: 55.575 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015879.D

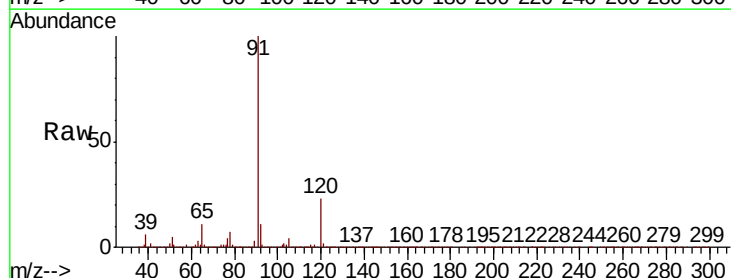
Acq: 23 Apr 2020 10:38

Tgt Ion: 91 Resp: 2659402

Ion Ratio Lower Upper

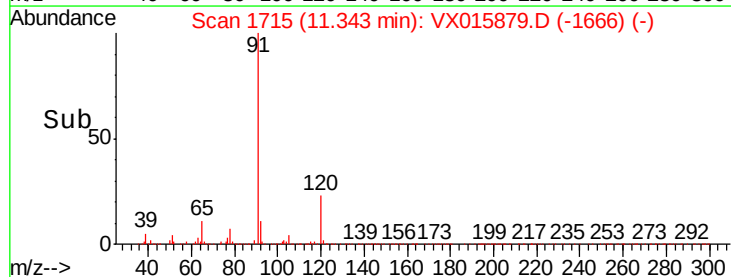
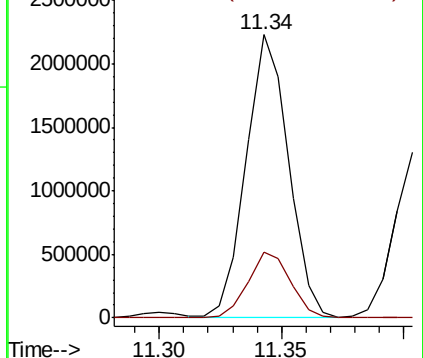
91 100

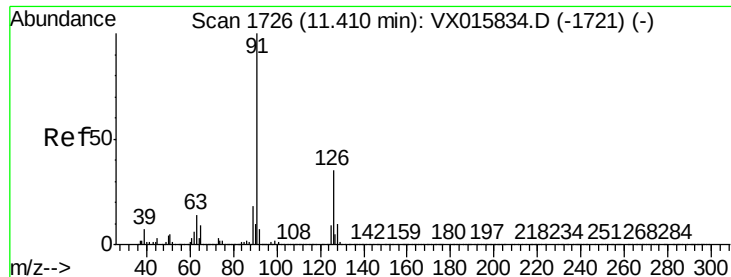
120 23.5 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

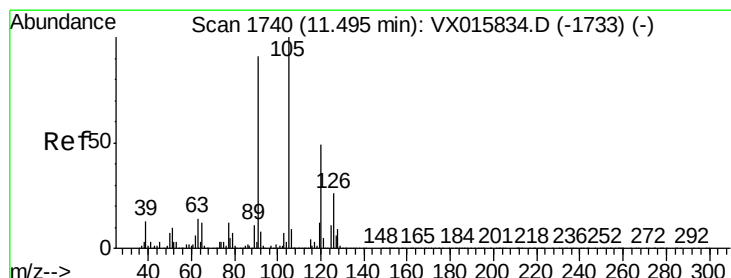
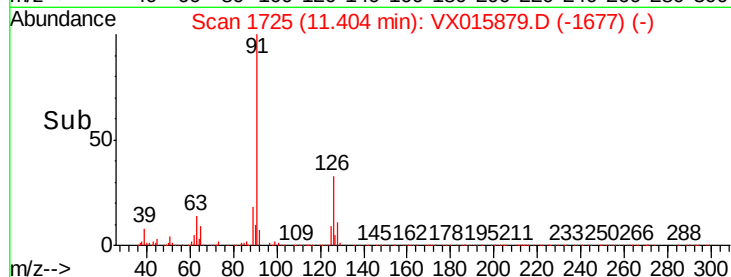
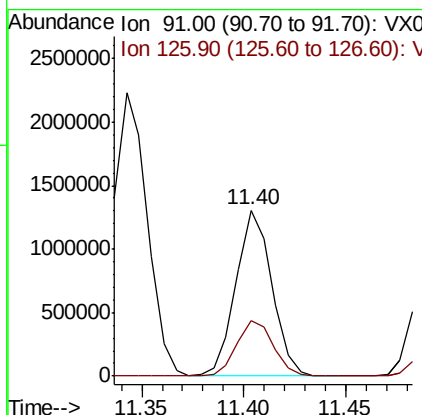
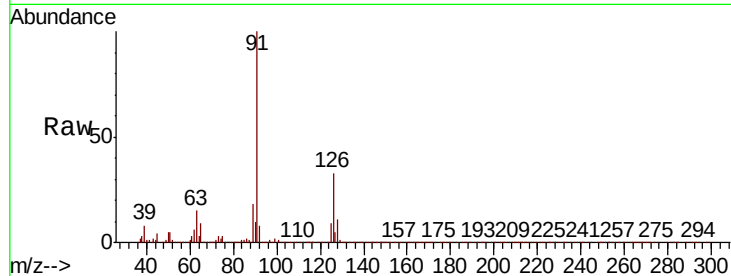




#79
 2-Chlorotoluene
 Concen: 55.223 ug/l
 RT: 11.40 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: VX015879.D
 Acq: 23 Apr 2020 10:38

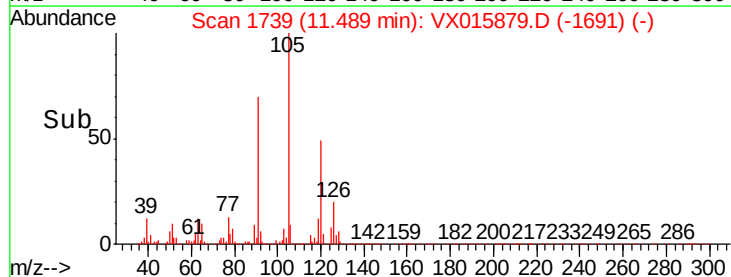
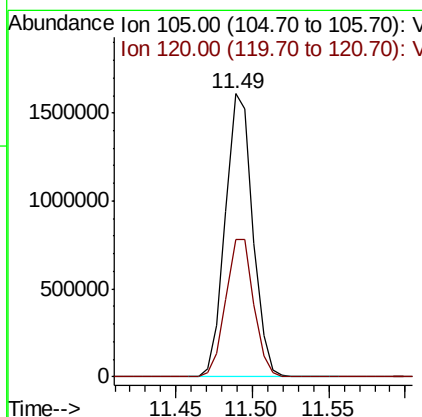
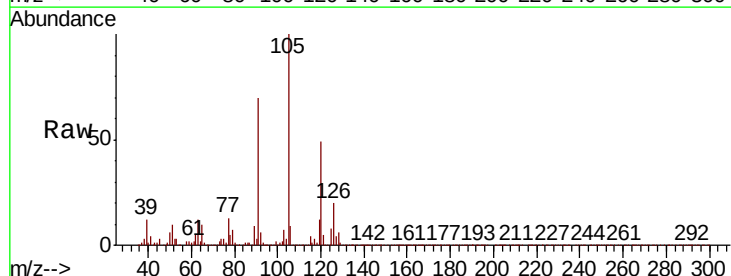
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

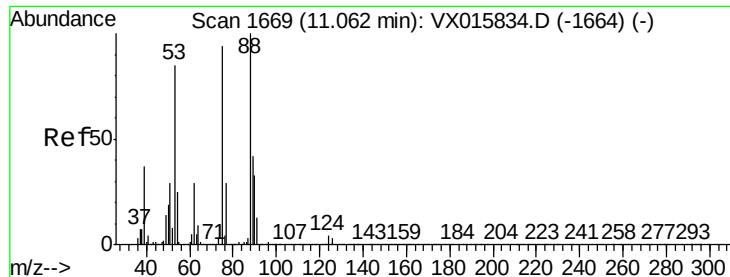
Tot Ion: 91 Resp: 1587349
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 56.081 ug/l
 RT: 11.49 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: VX015879.D
 Acq: 23 Apr 2020 10:38

Tgt Ion: 105 Resp: 1997560
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.9 74.7

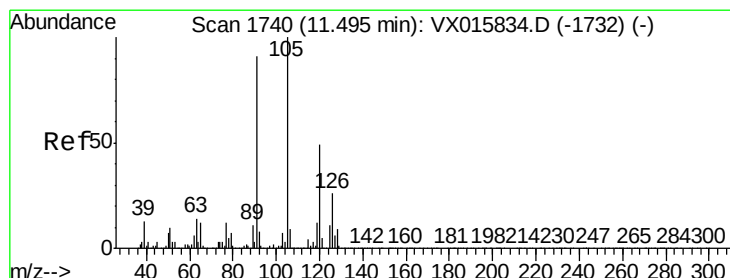
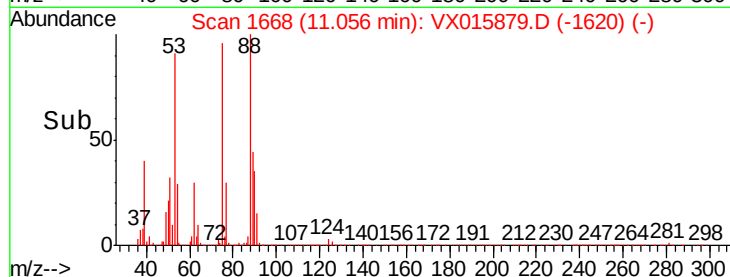
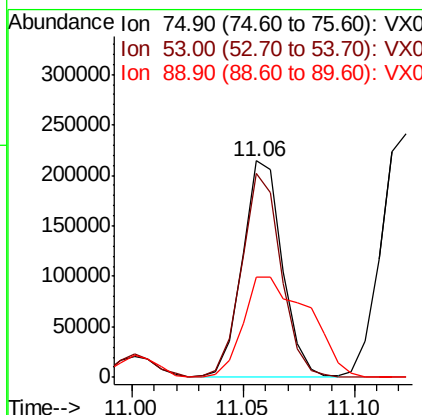
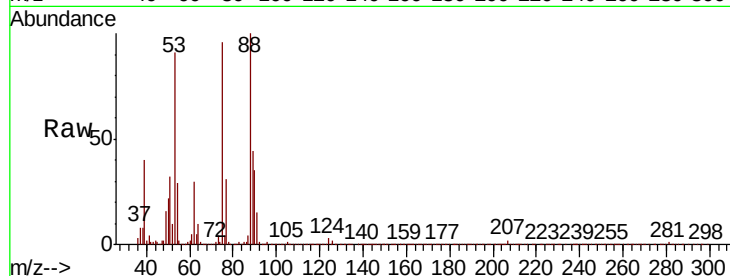




#81
trans-1,4-Dichloro-2-butene
Concen: 51.146 ug/l
RT: 11.06 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VX015879.D
Acq: 23 Apr 2020 10:38

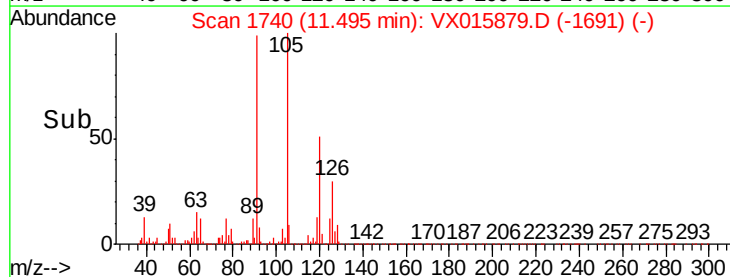
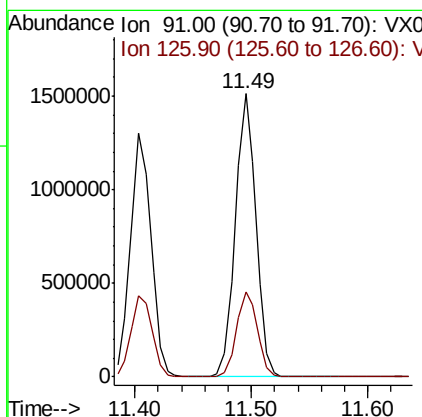
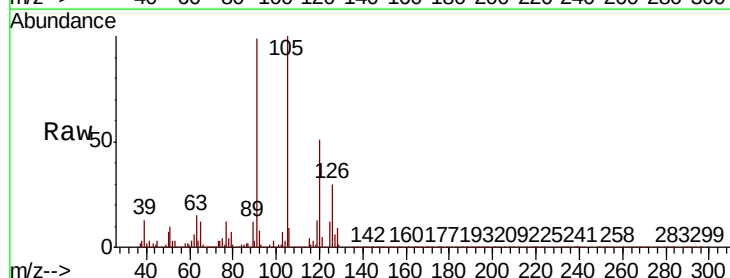
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

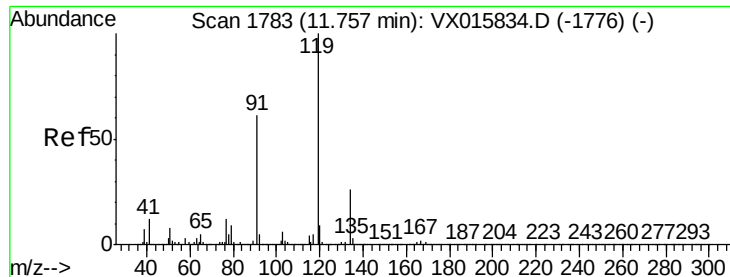
Tot Ion: 75 Resp: 265930
Ion Ratio Lower Upper
75 100
53 93.6 74.2 111.2
89 76.3 38.0 57.0#



#82
4-Chlorotoluene
Concen: 54.609 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015879.D
Acq: 23 Apr 2020 10:38

Tgt Ion: 91 Resp: 1865271
Ion Ratio Lower Upper
91 100
126 30.4 15.0 45.0

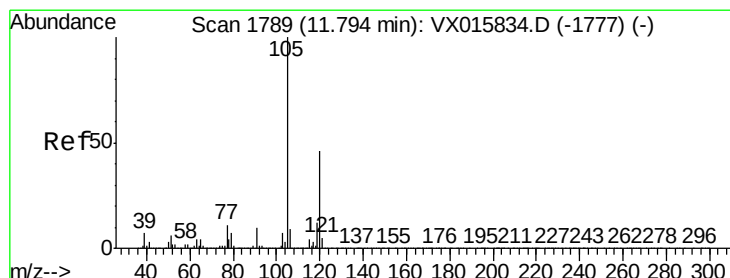
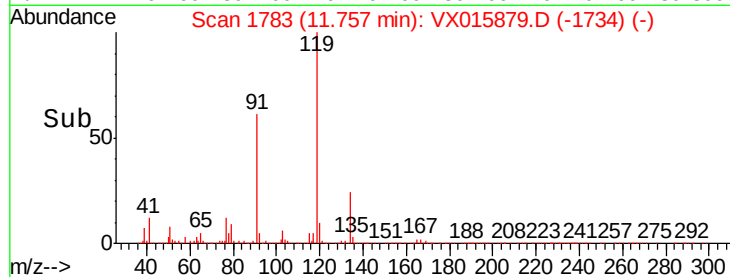
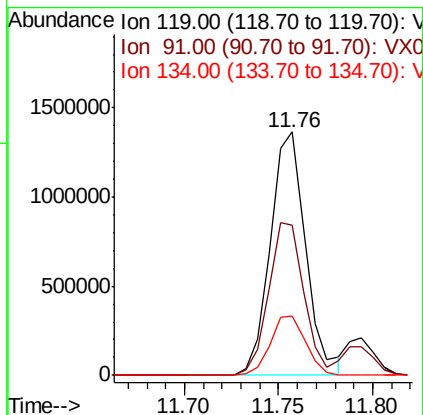
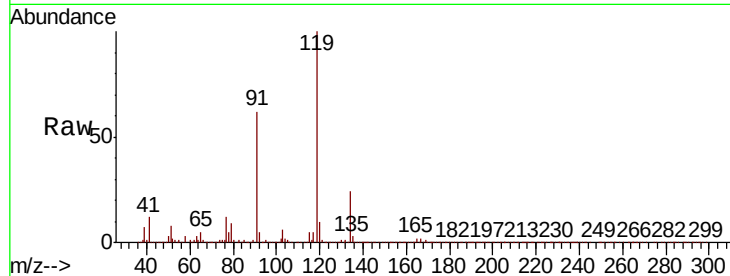




#83
 tert-Butylbenzene
 Concen: 56.091 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX015879.D
 Acq: 23 Apr 2020 10:38

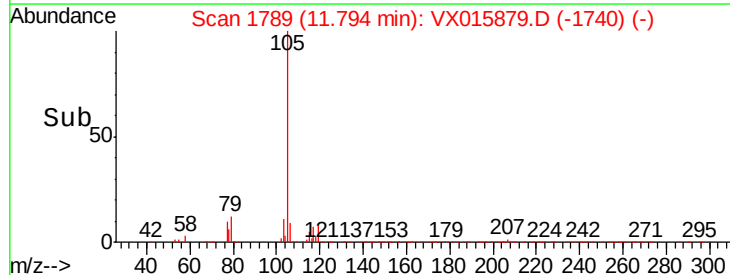
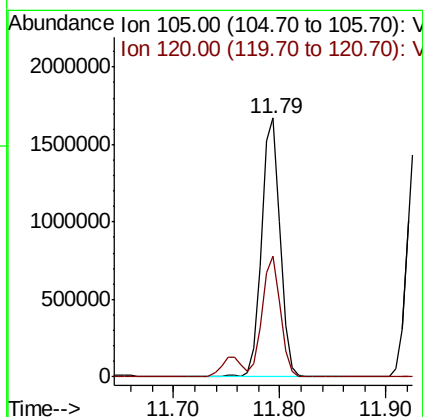
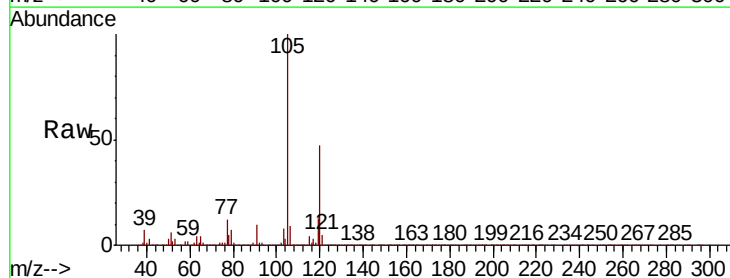
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

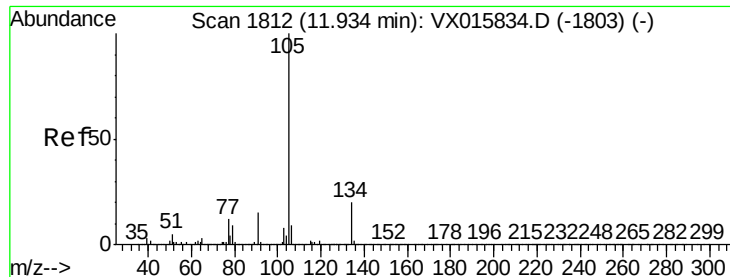
Tot Ion:119 Resp: 1772191
 Ion Ratio Lower Upper
 119 100
 91 62.6 30.9 92.7
 134 24.5 12.4 37.2



#84
 1,2,4-Trimethylbenzene
 Concen: 55.037 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015879.D
 Acq: 23 Apr 2020 10:38

Tgt Ion:105 Resp: 2035221
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.9 68.7





#85

sec-Butylbenzene

Concen: 55.067 ug/l

RT: 11.93 min Scan# 1811

Delta R.T. -0.01 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

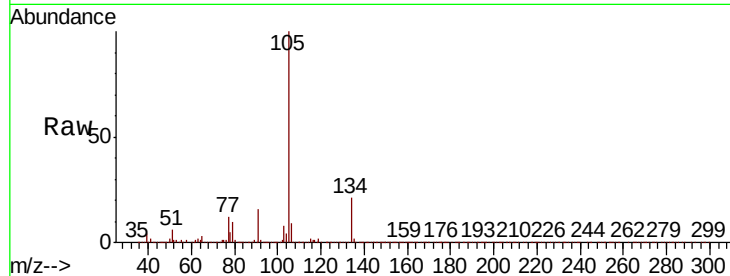
VSTDCCC050

Tot Ion:105 Resp: 2293525

Ion Ratio Lower Upper

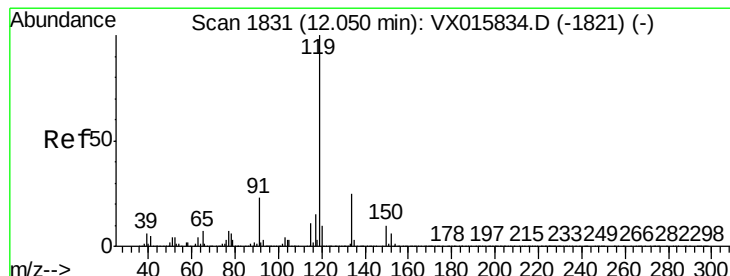
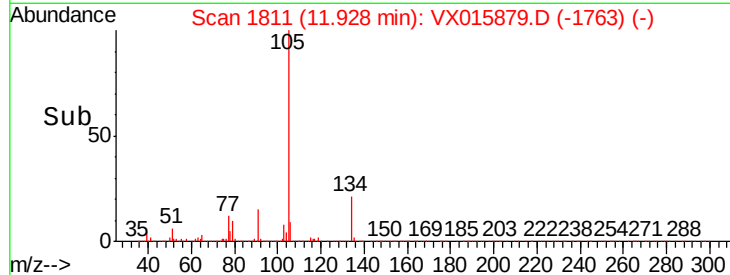
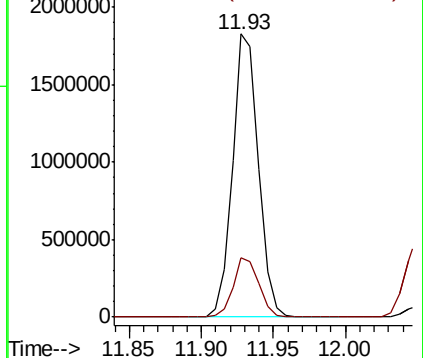
105 100

134 20.9 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.715 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

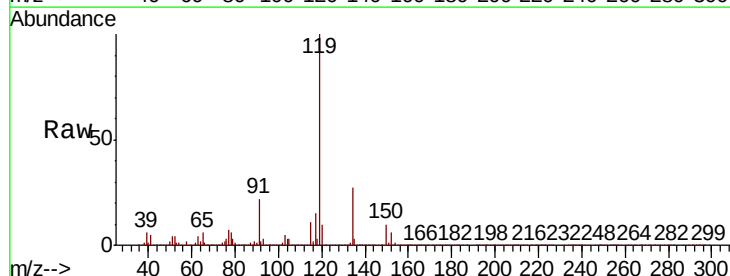
Tgt Ion:119 Resp: 2208807

Ion Ratio Lower Upper

119 100

134 26.7 13.0 38.9

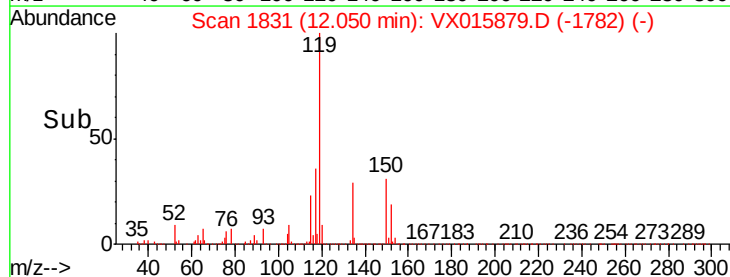
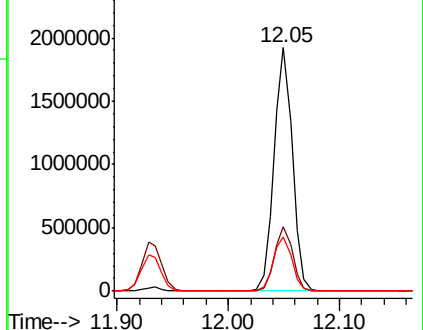
91 22.6 11.5 34.5

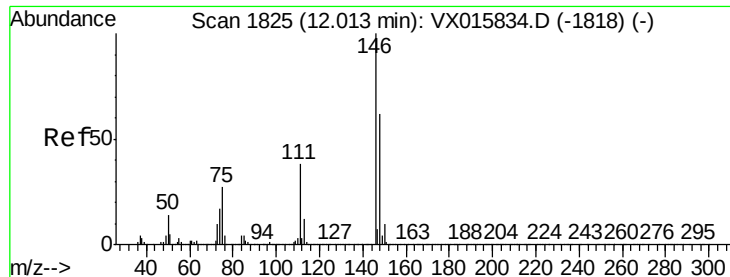


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

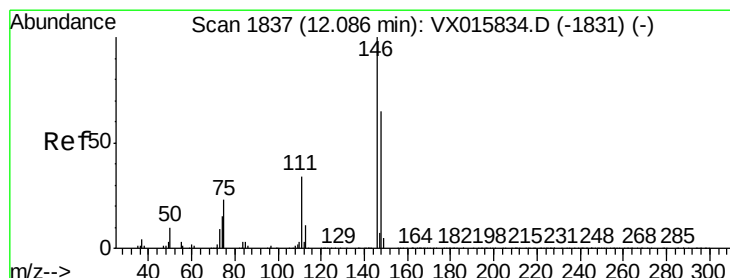
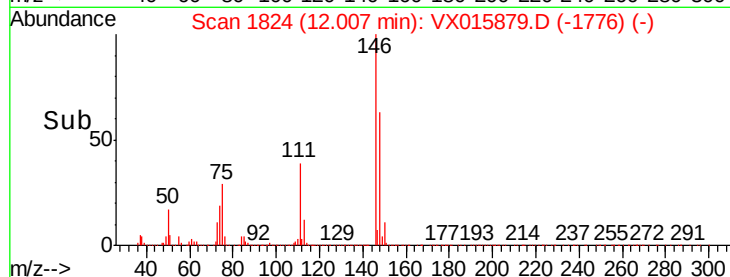
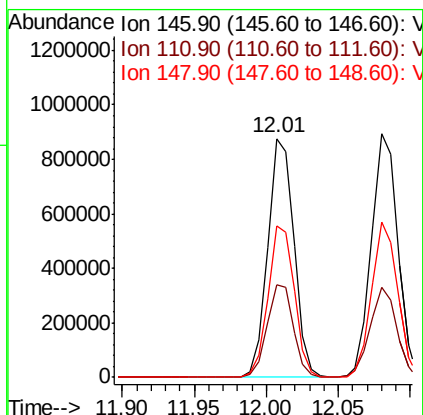
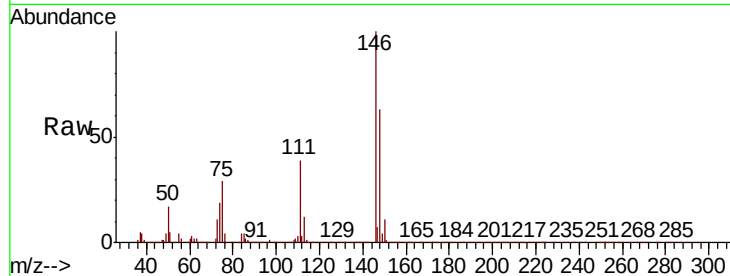




#87
 1,3-Dichlorobenzene
 Concen: 52.602 ug/l
 RT: 12.01 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: VX015879.D
 Acq: 23 Apr 2020 10:38

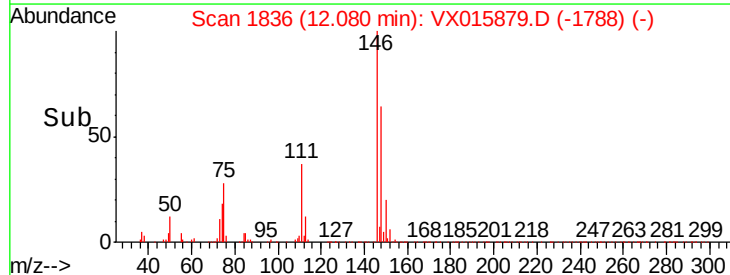
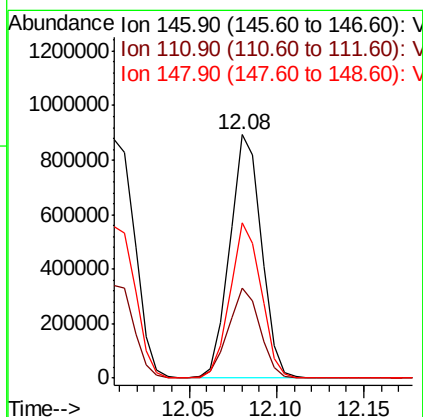
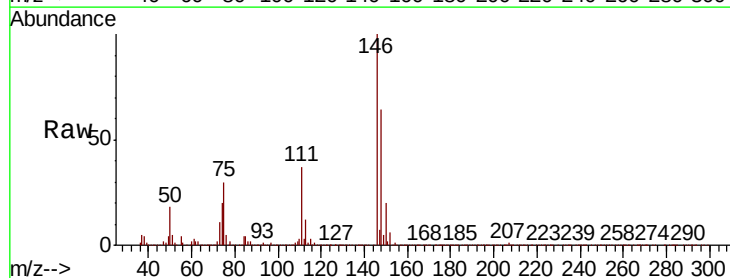
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

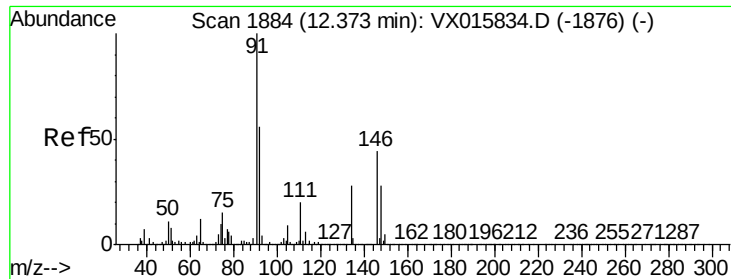
Tot Ion:146 Resp: 1102101
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.1 57.1
 148 63.7 30.9 92.7



#88
 1,4-Dichlorobenzene
 Concen: 53.339 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015879.D
 Acq: 23 Apr 2020 10:38

Tgt Ion:146 Resp: 1118688
 Ion Ratio Lower Upper
 146 100
 111 37.2 19.4 58.2
 148 62.9 33.8 101.4





#89

n-Butylbenzene

Concen: 55.294 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

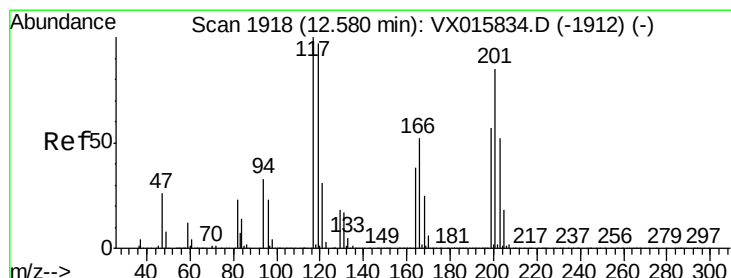
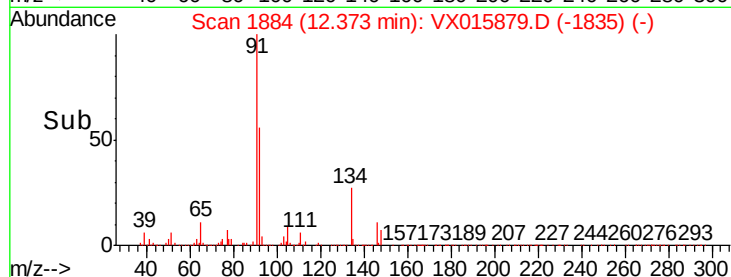
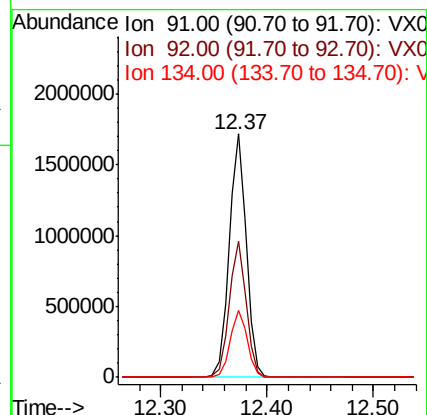
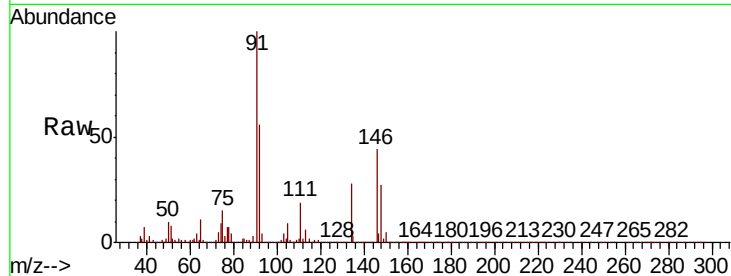
Tot Ion: 91 Resp: 1925356

Ion Ratio Lower Upper

91 100

92 55.2 27.7 83.1

134 27.6 14.1 42.4



#90

Hexachloroethane

Concen: 77.222 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VX015879.D

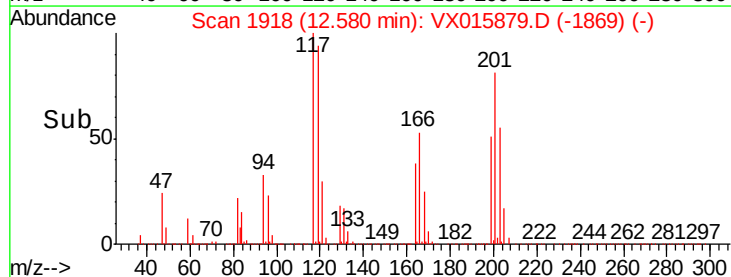
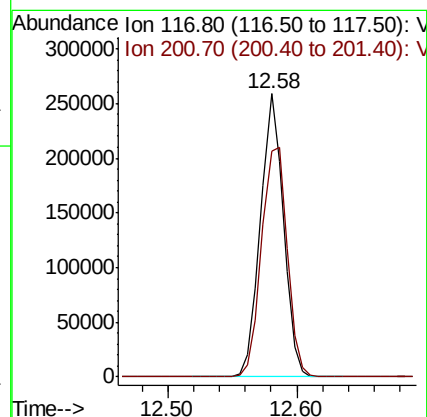
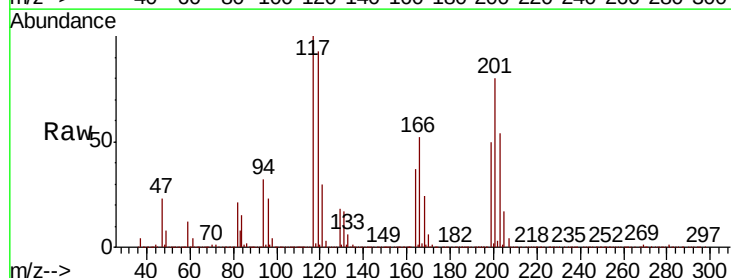
Acq: 23 Apr 2020 10:38

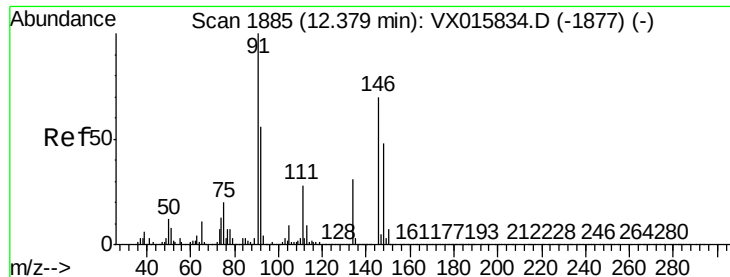
Tgt Ion: 117 Resp: 317708

Ion Ratio Lower Upper

117 100

201 90.8 45.6 136.9





#91

1,2-Dichlorobenzene

Concen: 51.883 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

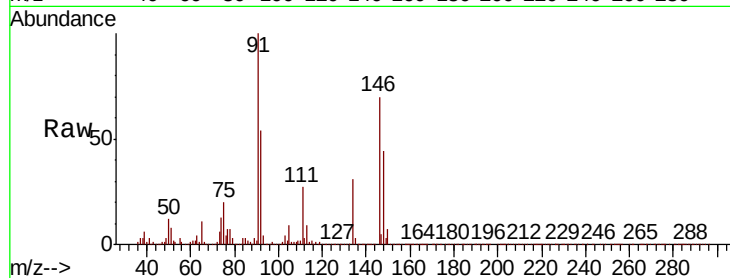
Tot Ion:146 Resp: 1030998

Ion Ratio Lower Upper

146 100

111 40.7 20.3 61.0

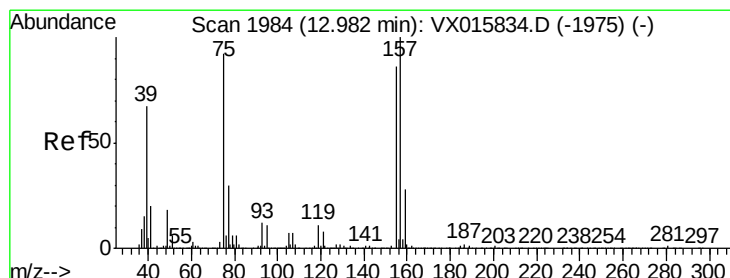
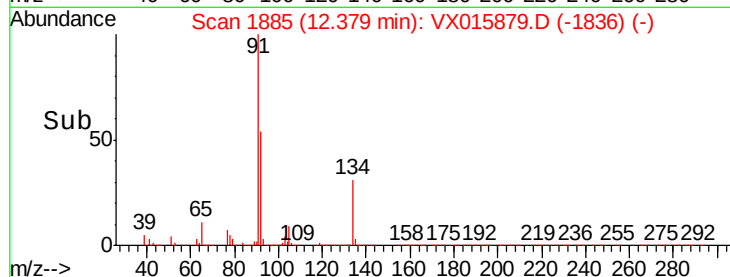
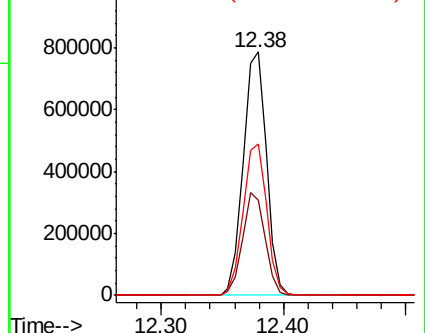
148 63.2 32.1 96.3



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: 51.602 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

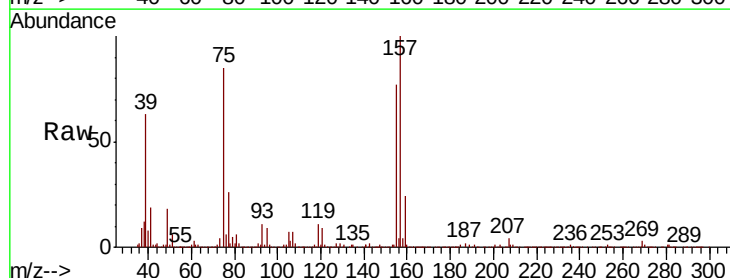
Tgt Ion: 75 Resp: 135284

Ion Ratio Lower Upper

75 100

155 96.0 48.1 144.4

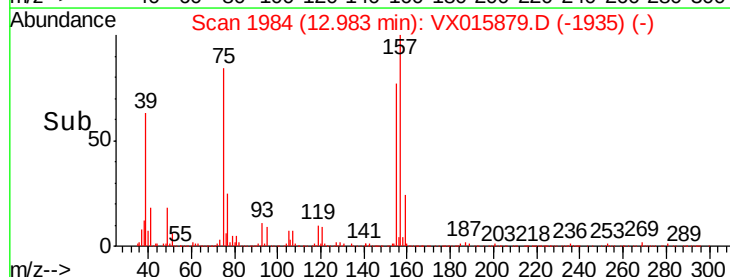
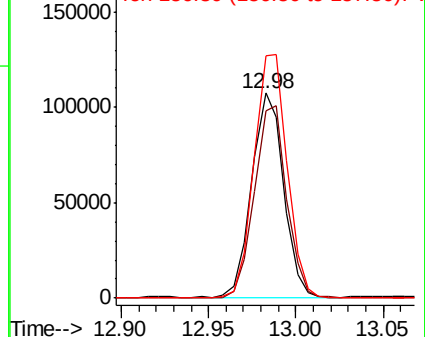
157 124.5 58.9 176.7

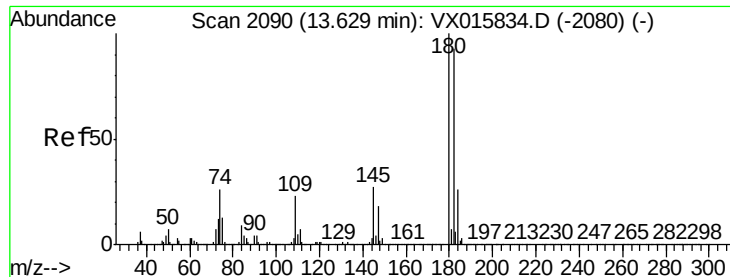


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

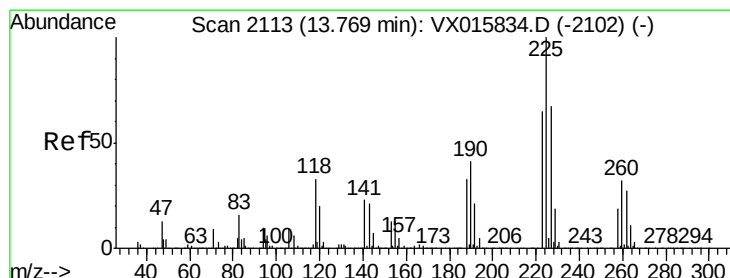
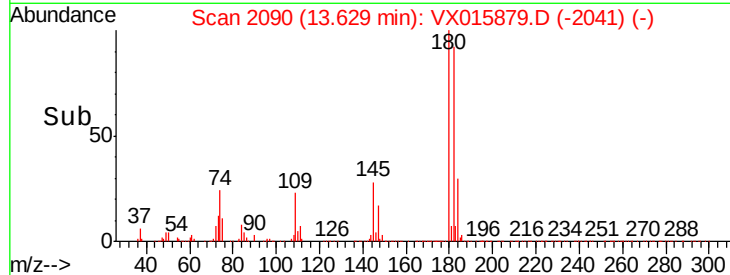
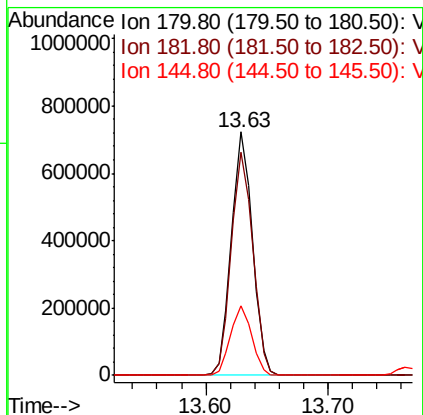
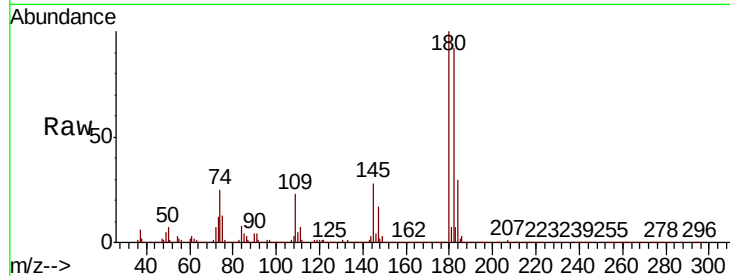




#93
 1,2,4-Trichlorobenzene
 Concen: 54.610 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015879.D
 Acq: 23 Apr 2020 10:38

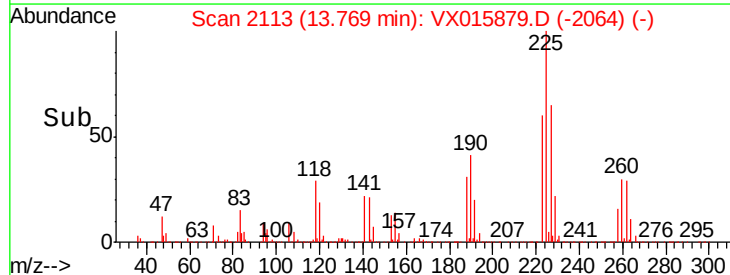
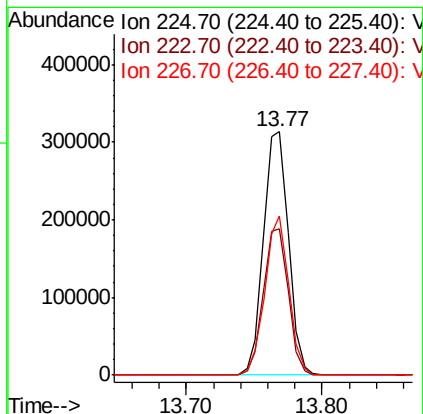
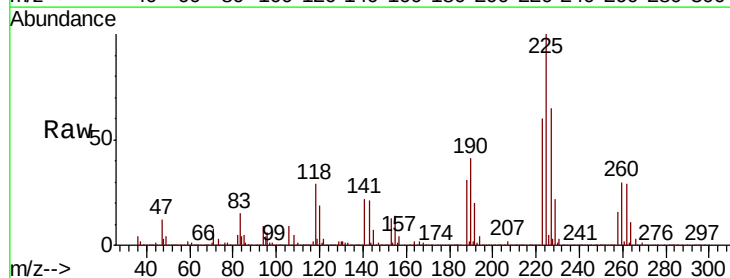
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

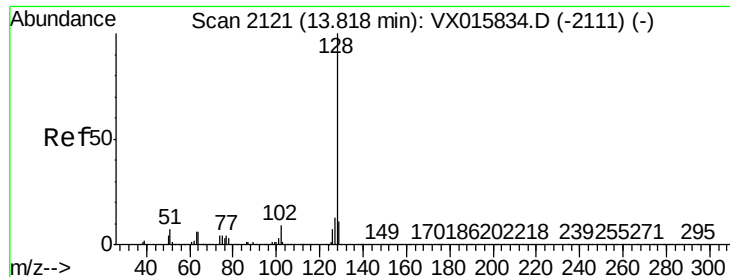
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.7	143.1
145	28.8	14.5	43.5



#94
 Hexachlorobutadiene
 Concen: 58.220 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015879.D
 Acq: 23 Apr 2020 10:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.0	31.3	93.8
227	62.2	32.6	97.8





#95

Naphthalene

Concen: 51.035 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. 0.00 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

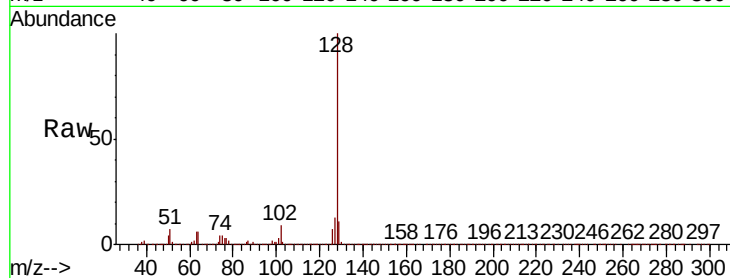
Tot Ion:128 Resp: 2298946

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

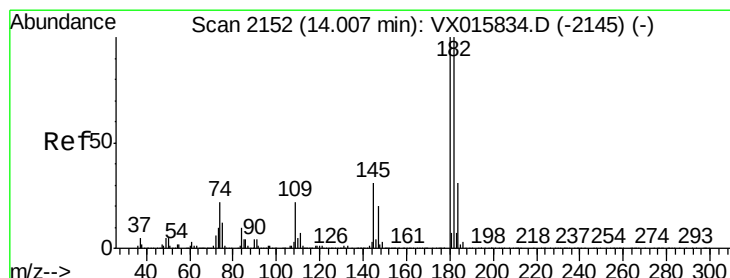
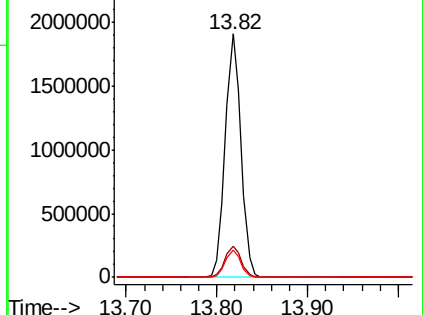
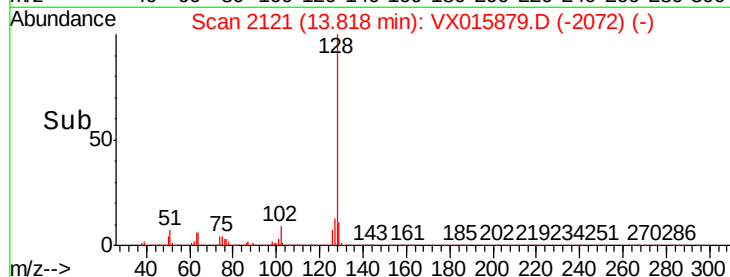
129 11.1 8.5 12.7



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: 53.455 ug/l

RT: 14.00 min Scan# 2151

Delta R.T. -0.01 min

Lab File: VX015879.D

Acq: 23 Apr 2020 10:38

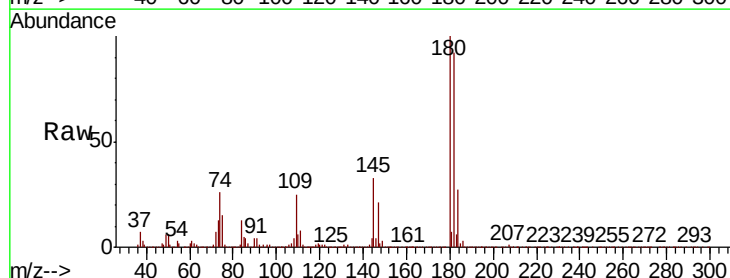
Tgt Ion:180 Resp: 816553

Ion Ratio Lower Upper

180 100

182 94.1 47.9 143.7

145 30.8 15.2 45.5



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

