

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\
 Data File : VX018044.D
 Acq On : 20 Aug 2020 20:08
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 21 02:40:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 02:36:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	578708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	936490	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	905703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	456547	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	386312	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	
35) Dibromofluoromethane	5.47	113	311975	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	
50) Toluene-d8	8.70	98	1169914	50.48	ug/l	0.00
Spiked Amount			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.12	95	460787	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	372799	58.933	ug/l	100
3) Chloromethane	1.31	50	365629	51.060	ug/l	100
4) Vinyl Chloride	1.39	62	373664	49.218	ug/l	100
5) Bromomethane	1.62	94	182390	47.813	ug/l	100
6) Chloroethane	1.71	64	203002	44.976	ug/l	100
7) Trichlorofluoromethane	1.92	101	510939	51.075	ug/l	100
8) Diethyl Ether	2.17	74	170466	41.747	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	270863	47.556	ug/l	100
10) Methyl Iodide	2.49	142	274050	38.019	ug/l	100
11) Tert butyl alcohol	3.02	59	384743	208.102	ug/l	100
12) 1,1-Dichloroethene	2.36	96	277790	46.673	ug/l	100
13) Acrolein	2.28	56	158702	144.690	ug/l	100
14) Allyl chloride	2.71	41	517905	47.361	ug/l	100
15) Acrylonitrile	3.12	53	879085	224.130	ug/l	100
16) Acetone	2.42	43	745128	223.463	ug/l	100
17) Carbon Disulfide	2.55	76	809195	40.136	ug/l	100
18) Methyl Acetate	2.75	43	376560	45.707	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	979324	47.701	ug/l	100
20) Methylene Chloride	2.83	84	328488	47.007	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	303468	45.602	ug/l	100
22) Diisopropyl ether	3.83	45	1016591	48.965	ug/l	100
23) Vinyl Acetate	3.79	43	4639224	253.624	ug/l	100
24) 1,1-Dichloroethane	3.67	63	573838	49.331	ug/l	100
25) 2-Butanone	4.64	43	1277799	236.624	ug/l	100
26) 2,2-Dichloropropane	4.55	77	456691	43.801	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	348115	47.774	ug/l	100
28) Bromochloromethane	4.98	49	268315	50.162	ug/l	100
29) Tetrahydrofuran	5.09	42	833013	233.054	ug/l	100
30) Chloroform	5.18	83	588862	50.645	ug/l	100
31) Cyclohexane	5.55	56	483414	46.591	ug/l	100
32) 1,1,1-Trichloroethane	5.47	97	538242	50.864	ug/l	100
36) 1,1-Dichloropropene	5.77	75	438771	47.748	ug/l	100
37) Ethyl Acetate	4.80	43	496663	47.074	ug/l	100
38) Carbon Tetrachloride	5.75	117	495157	52.291	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	485222	44.584	ug/l	100
40) Benzene	6.11	78	1264445	47.240	ug/l	100
41) Methacrylonitrile	5.01	41	271972	47.666	ug/l	100
42) 1,2-Dichloroethane	6.17	62	484192	49.707	ug/l	100
43) Isopropyl Acetate	6.42	43	821383	48.472	ug/l	100
44) Trichloroethene	7.19	130	359464	38.849	ug/l	100
45) 1,2-Dichloropropane	7.49	63	346355	50.622	ug/l	100
46) Dibromomethane	7.64	93	237423	50.846	ug/l	100
47) Bromodichloromethane	7.88	83	489106	51.561	ug/l	100
48) Methyl methacrylate	7.75	41	407920	50.469	ug/l	100
49) 1,4-Dioxane	7.71	88	156303	833.353	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	2595517	250.249	ug/l	100
52) Toluene	8.77	92	813962	48.674	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	544726	48.560	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	570257	48.690	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	344894	51.839	ug/l	100
56) Ethyl methacrylate	9.16	69	528420	49.353	ug/l	100
57) 1,3-Dichloropropane	9.35	76	571346	49.573	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1156981	208.387	ug/l	100
59) 2-Hexanone	9.48	43	2007628	246.796	ug/l	100
60) Dibromochloromethane	9.57	129	410143	55.417	ug/l	100
61) 1,2-Dibromoethane	9.65	107	375363	52.159	ug/l	100
64) Tetrachloroethene	9.32	164	334643	32.107	ug/l	100
65) Chlorobenzene	10.12	112	914834	48.451	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	364493	51.732	ug/l	100
67) Ethyl Benzene	10.24	91	1600649	47.791	ug/l	100
68) m/p-Xylenes	10.34	106	1221435	97.304	ug/l	100
69) o-Xylene	10.68	106	578209	48.008	ug/l	100
70) Styrene	10.70	104	1016235	49.578	ug/l	100
71) Bromoform	10.84	173	315675	54.749	ug/l	100
73) Isopropylbenzene	11.01	105	1574584	47.866	ug/l	100
74) N-amyl acetate	10.88	43	766107	49.610	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	514839	79.286	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	651393	63.303	ug/l	85
77) Bromobenzene	11.24	156	410625	48.009	ug/l	100
78) n-propylbenzene	11.35	91	1775421	46.503	ug/l	100
79) 2-Chlorotoluene	11.40	91	1091093	48.018	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1326303	47.729	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	190760	45.172	ug/l	100
82) 4-Chlorotoluene	11.49	91	1285946	47.991	ug/l	100
83) tert-Butylbenzene	11.76	119	1273333	52.132	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1345486	47.849	ug/l	100
85) sec-Butylbenzene	11.93	105	1473264	45.865	ug/l	100
86) p-Isopropyltoluene	12.05	119	1376737	46.168	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	715497	46.766	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	719607	46.396	ug/l	100
89) n-Butylbenzene	12.37	91	1206499	44.377	ug/l	100
90) Hexachloroethane	12.58	117	261863	50.442	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	700533	47.430	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	128595	47.335	ug/l	100

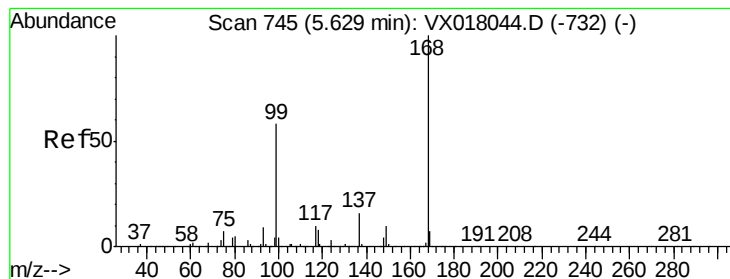
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\
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Quant Title : SW846 8260
QLast Update : Fri Aug 21 02:36:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	461784	42.796	ug/l	100
94) Hexachlorobutadiene	13.77	225	178024	36.498	ug/l	100
95) Naphthalene	13.82	128	1578372	45.159	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	447982	42.742	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

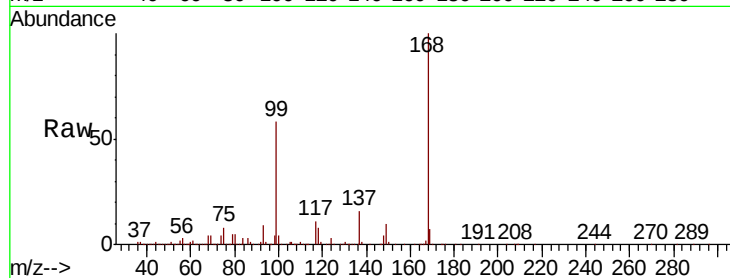
VSTDICCC050

Tot Ion:168 Resp: 578708

Ion Ratio Lower Upper

168 100

99 57.9 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): VX018044.D (-732) (-)

Ion 98.90 (98.60 to 99.60): VX018044.D (-732) (-)

5.63

200000

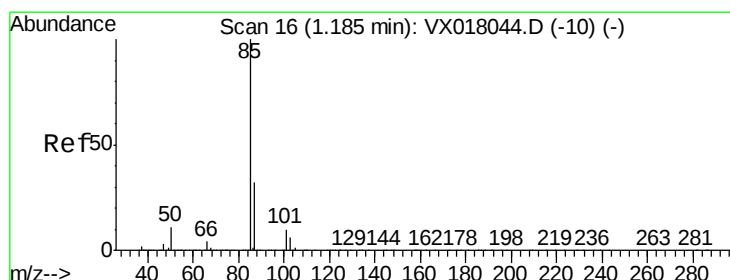
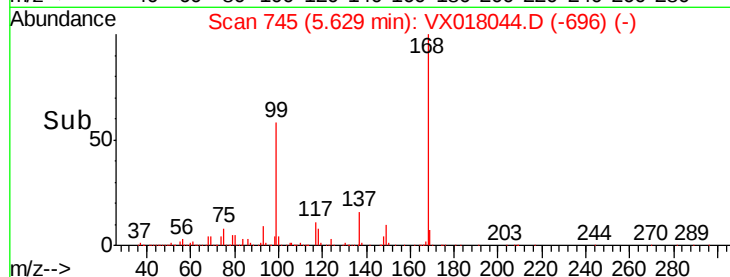
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 58.933 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018044.D

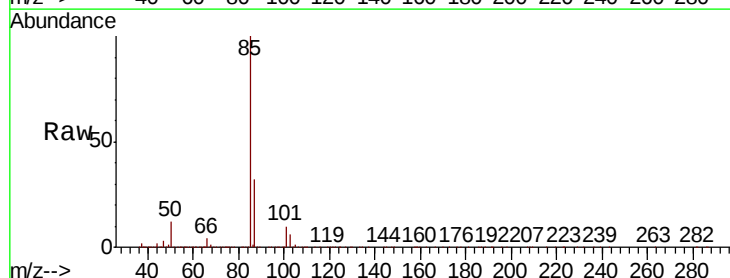
Acq: 20 Aug 2020 20:08

Tgt Ion: 85 Resp: 372799

Ion Ratio Lower Upper

85 100

87 32.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX018044.D (-10) (-)

Ion 86.90 (86.60 to 87.60): VX018044.D (-10) (-)

1.18

500000

400000

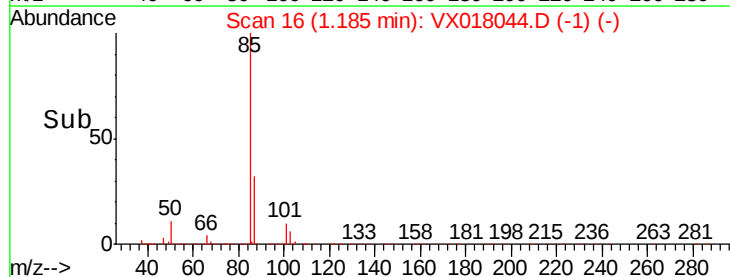
300000

200000

100000

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Time-->

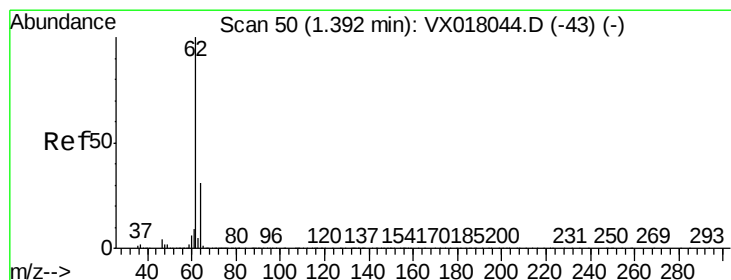
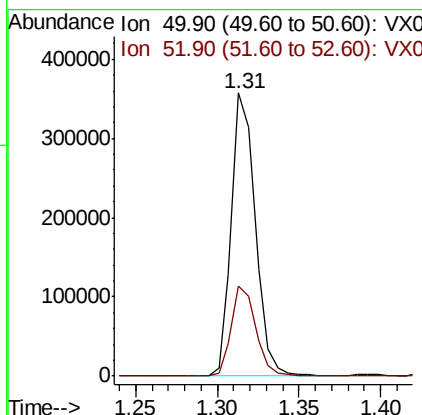
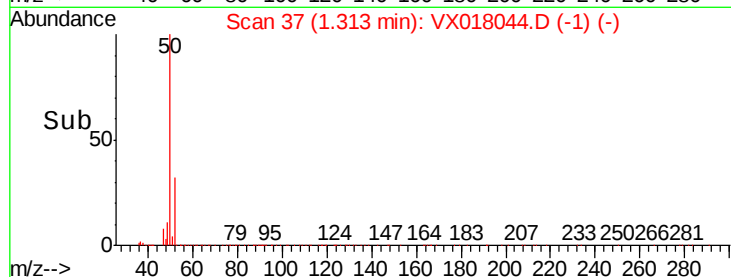
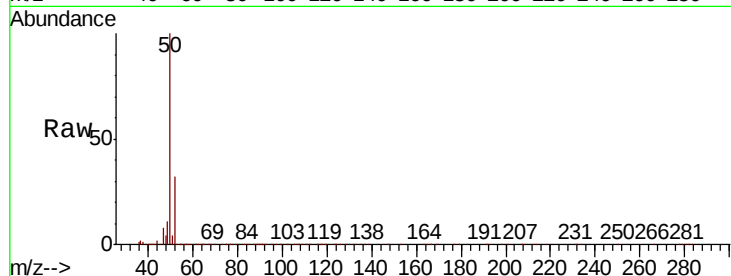




#3
Chloromethane
Concen: 51.060 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

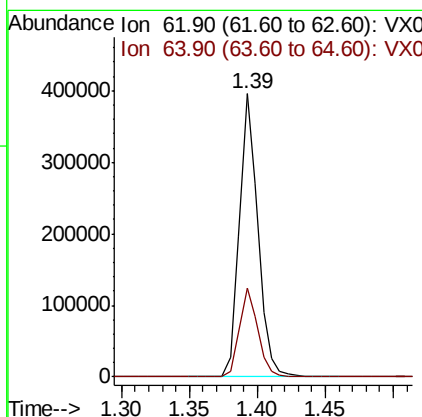
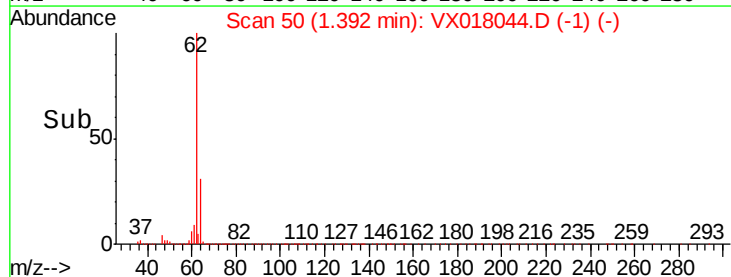
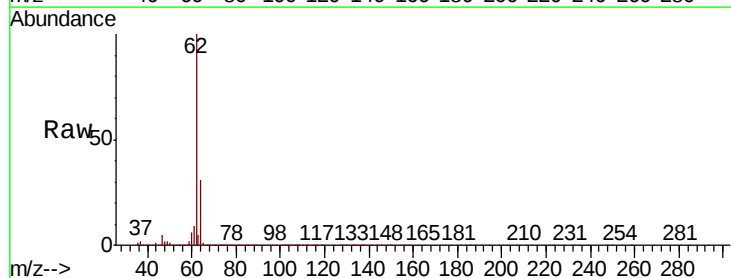
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

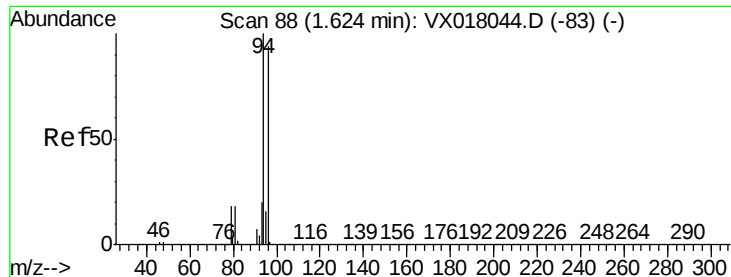
Tot Ion: 50 Resp: 365629
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.2



#4
Vinyl Chloride
Concen: 49.218 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion: 62 Resp: 373664
Ion Ratio Lower Upper
62 100
64 31.4 25.1 37.7





#5

Bromomethane

Concen: 47.813 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

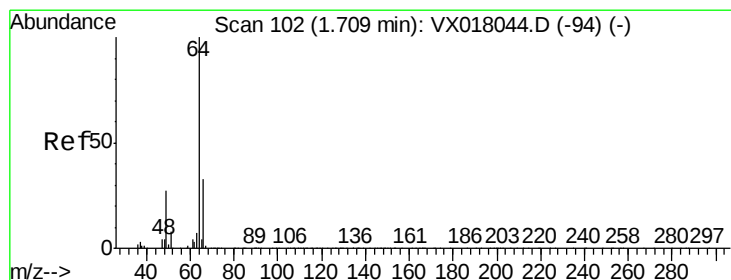
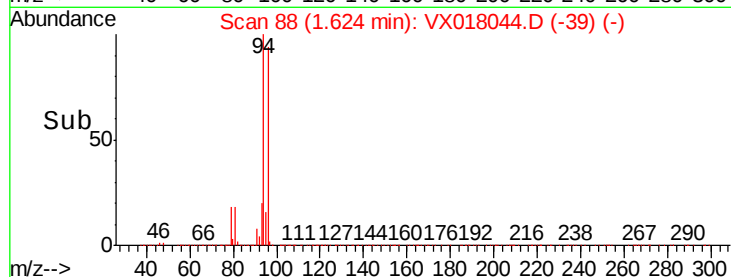
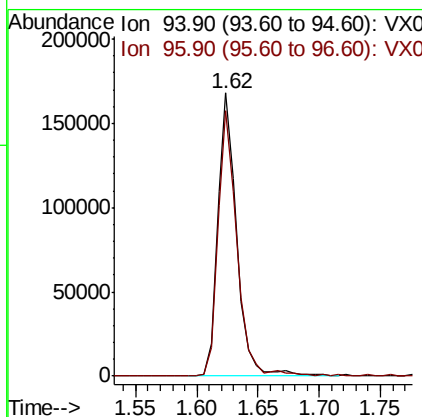
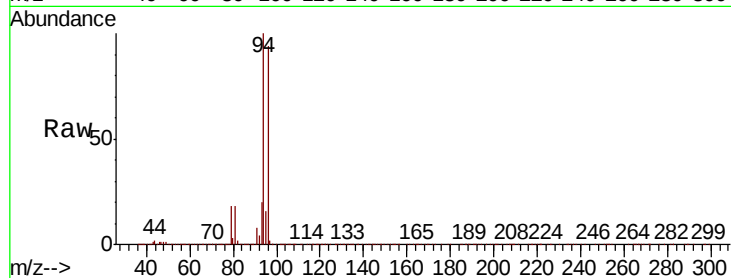
VSTDICCC050

Tot Ion: 94 Resp: 182390

Ion Ratio Lower Upper

94 100

96 93.5 74.8 112.2



#6

Chloroethane

Concen: 44.976 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX018044.D

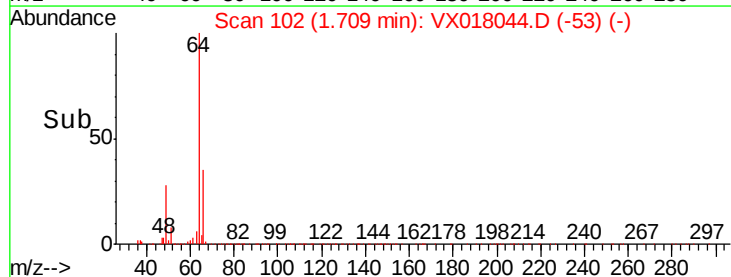
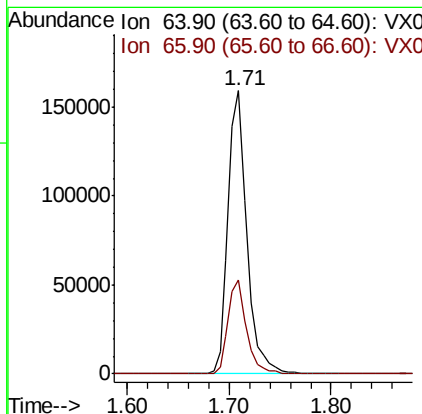
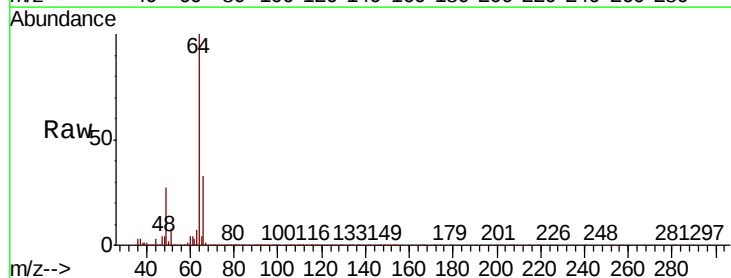
Acq: 20 Aug 2020 20:08

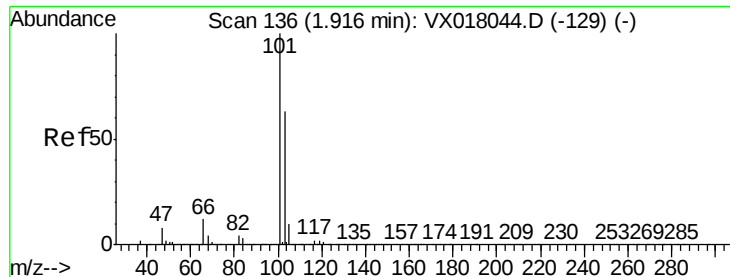
Tgt Ion: 64 Resp: 203002

Ion Ratio Lower Upper

64 100

66 33.2 26.6 39.8



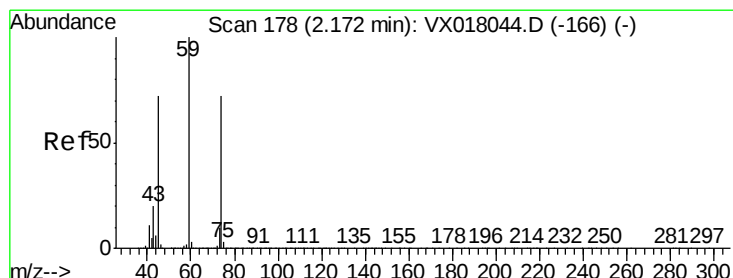
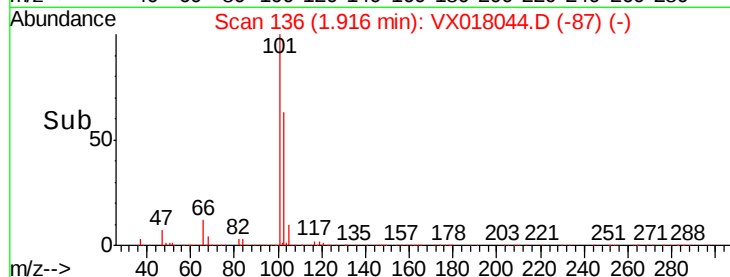
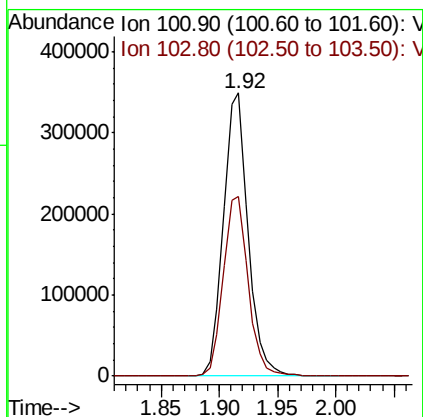
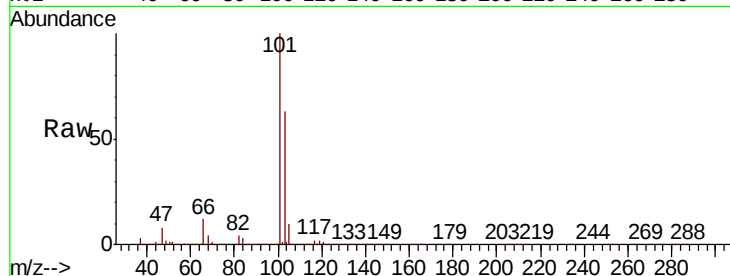


#7

Trichlorofluoromethane
Concen: 51.075 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Instrument :
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VSTDICCC050

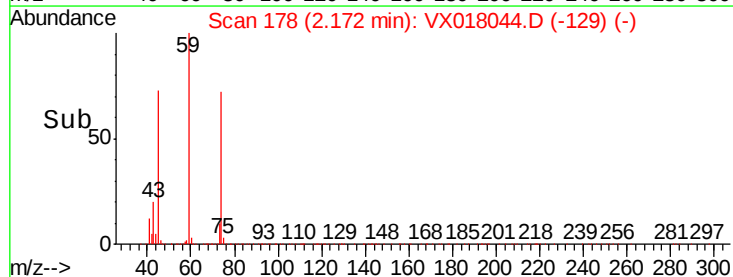
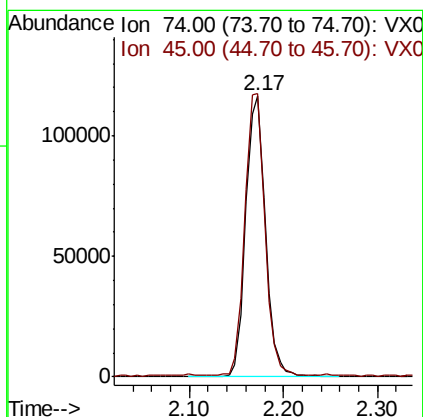
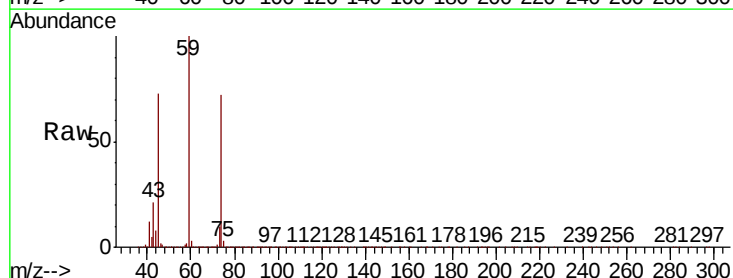
Tot Ion:101 Resp: 510939
Ion Ratio Lower Upper
101 100
103 63.4 50.7 76.1

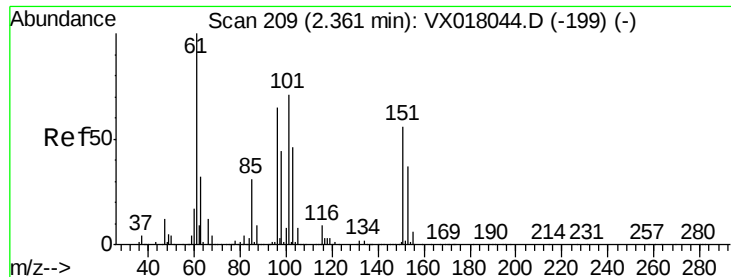


#8

Diethyl Ether
Concen: 41.747 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion: 74 Resp: 170466
Ion Ratio Lower Upper
74 100
45 101.5 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.556 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

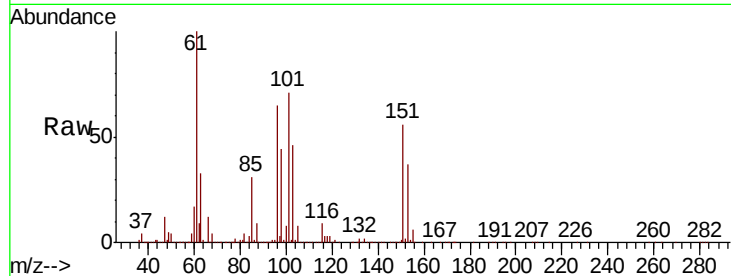
Tot Ion:101 Resp: 270863

Ion Ratio Lower Upper

101 100

85 42.5 34.0 51.0

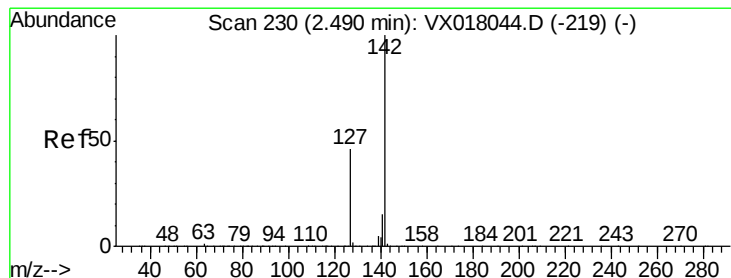
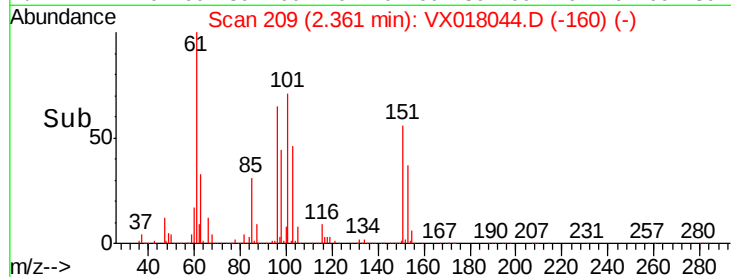
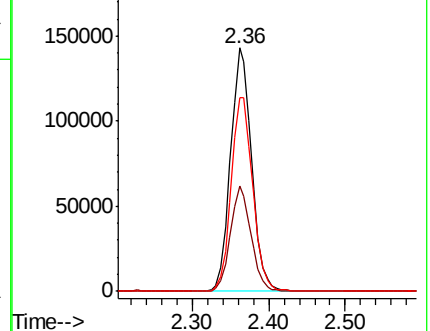
151 81.5 65.2 97.8



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: 38.019 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

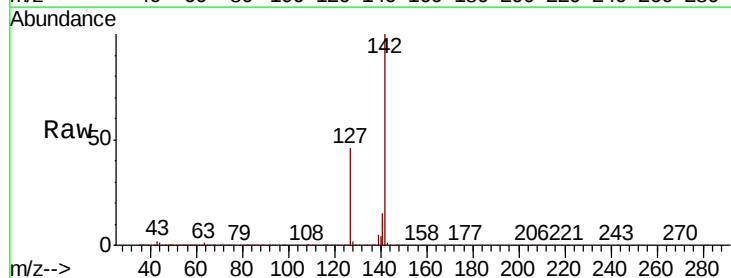
Tgt Ion:142 Resp: 274050

Ion Ratio Lower Upper

142 100

127 46.3 37.0 55.6

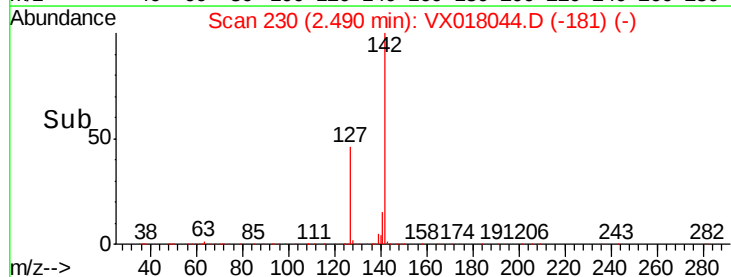
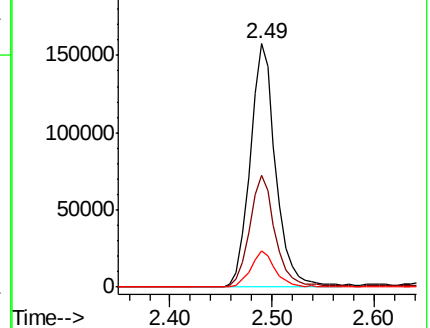
141 14.4 11.5 17.3

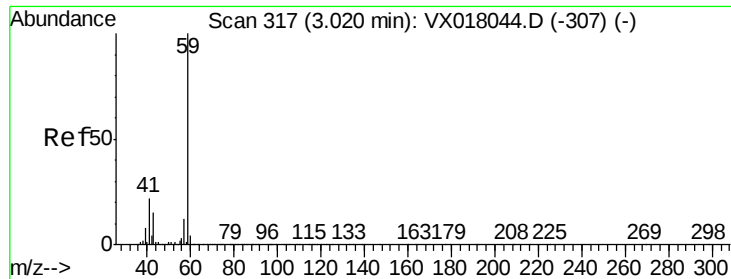


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

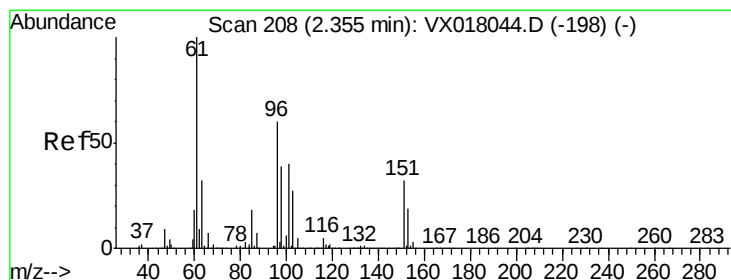
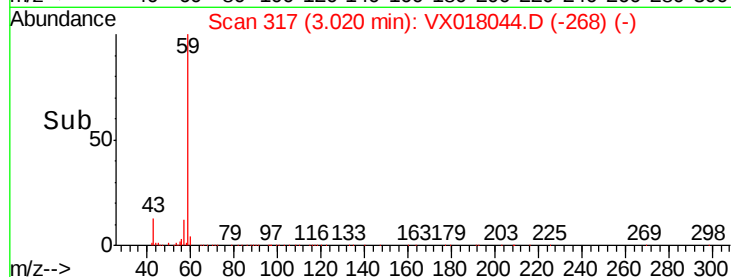
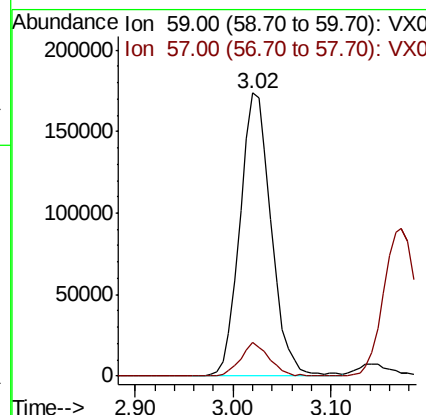
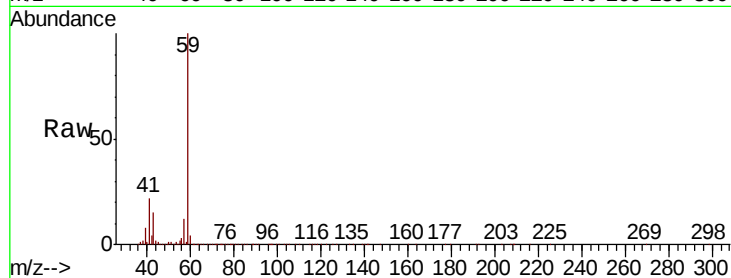




#11
Tert butyl alcohol
Concen: 208.102 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

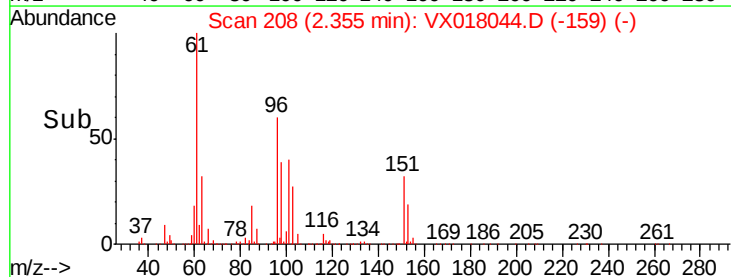
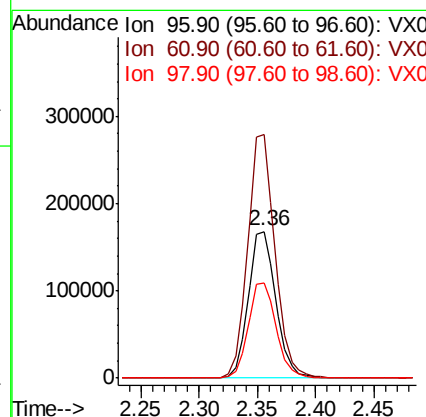
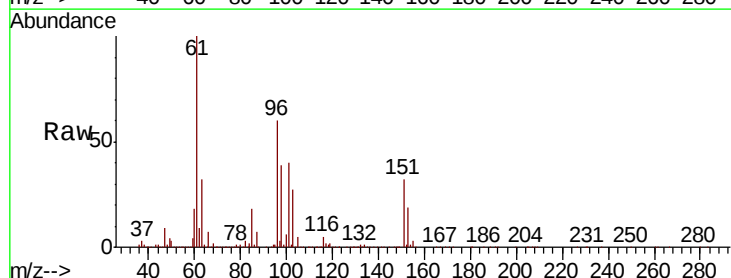
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

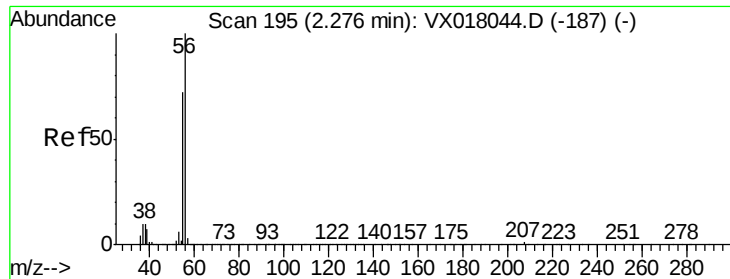
Tot Ion: 59 Resp: 384743
Ion Ratio Lower Upper
59 100
57 11.1 8.9 13.3



#12
1,1-Dichloroethene
Concen: 46.673 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion: 96 Resp: 277790
Ion Ratio Lower Upper
96 100
61 166.2 133.0 199.4
98 64.5 51.6 77.4

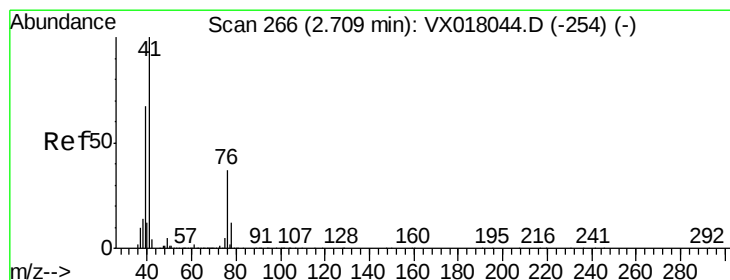
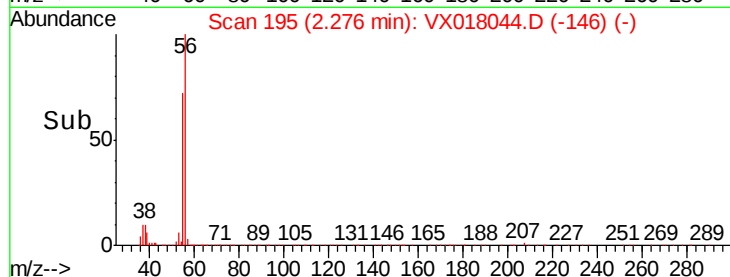
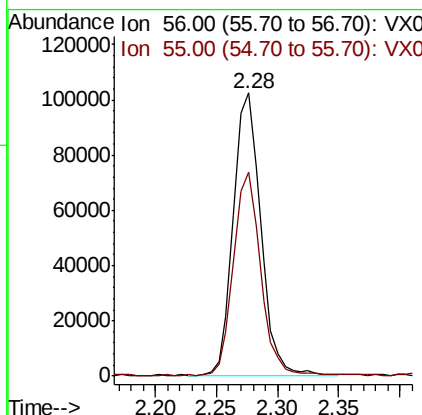
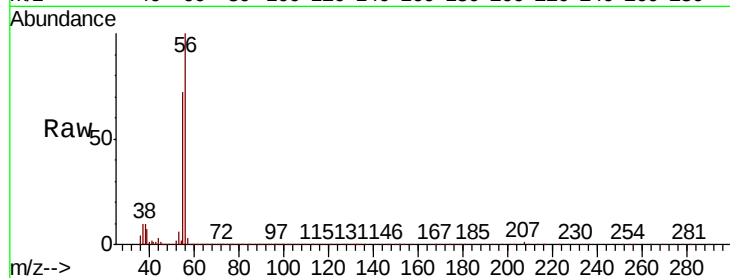




#13
Acrolein
Concen: 144.690 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

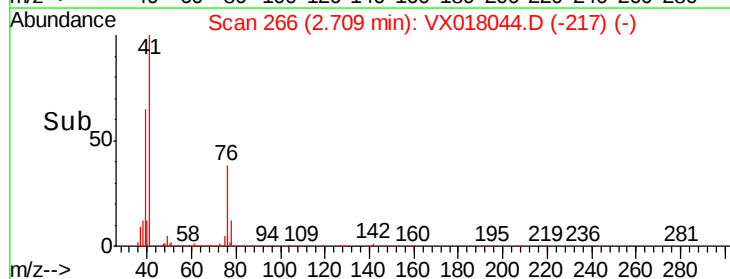
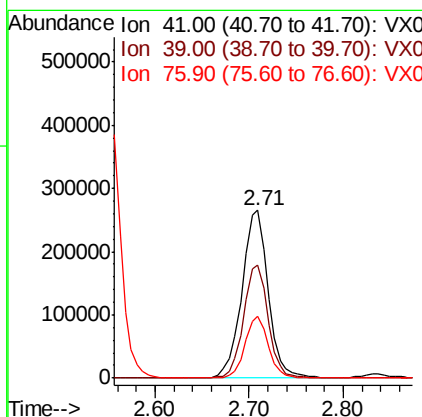
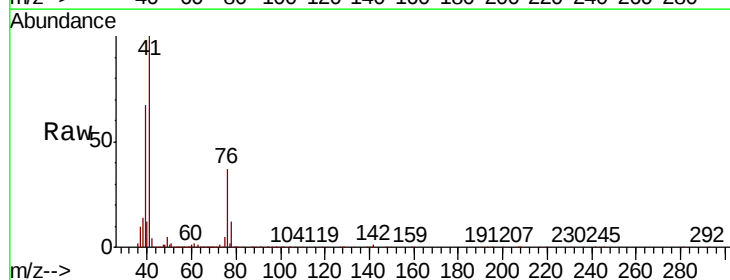
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

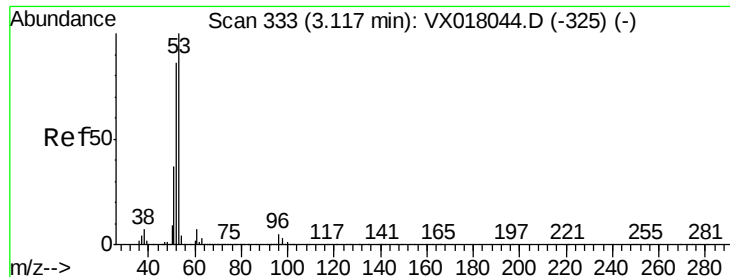
Tot Ion: 56 Resp: 158702
Ion Ratio Lower Upper
56 100
55 71.3 57.0 85.6



#14
Allyl chloride
Concen: 47.361 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion: 41 Resp: 517905
Ion Ratio Lower Upper
41 100
39 63.3 50.6 76.0
76 32.7 26.2 39.2





#15

Acrylonitrile

Concen: 224.130 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

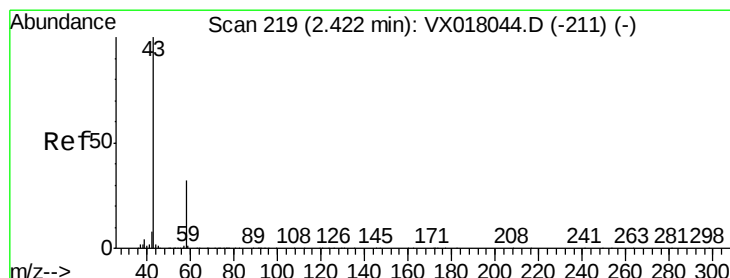
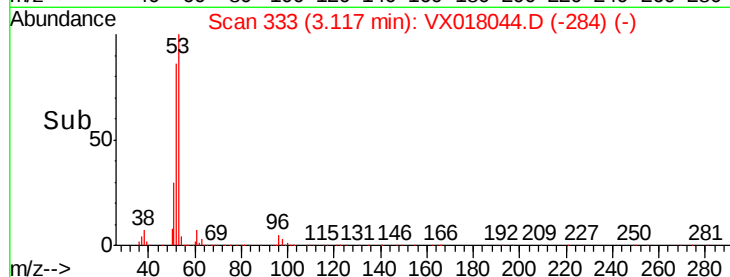
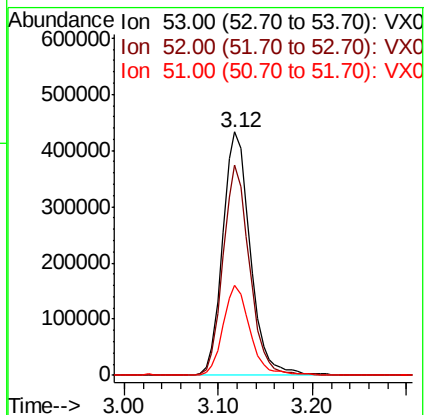
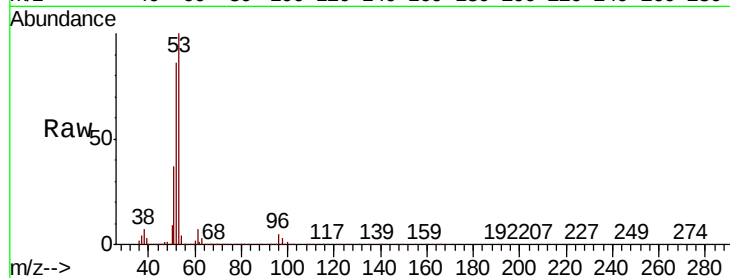
Tot Ion: 53 Resp: 879085

Ion Ratio Lower Upper

53 100

52 83.6 66.9 100.3

51 35.9 28.7 43.1



#16

Acetone

Concen: 223.463 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX018044.D

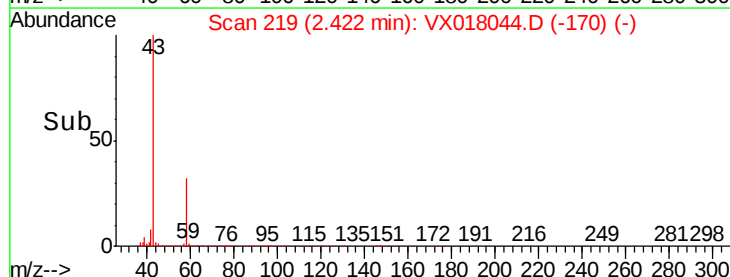
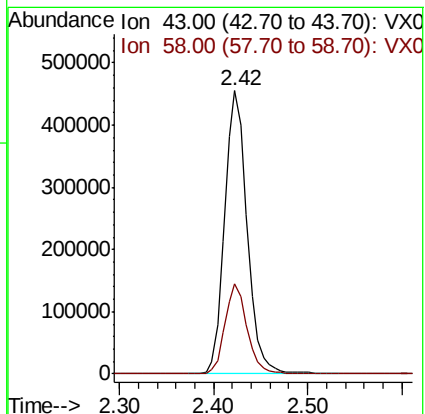
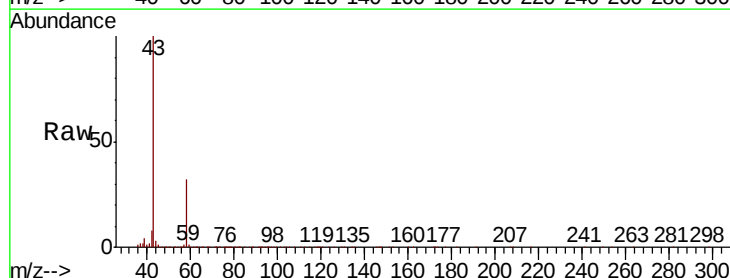
Acq: 20 Aug 2020 20:08

Tgt Ion: 43 Resp: 745128

Ion Ratio Lower Upper

43 100

58 31.9 25.5 38.3

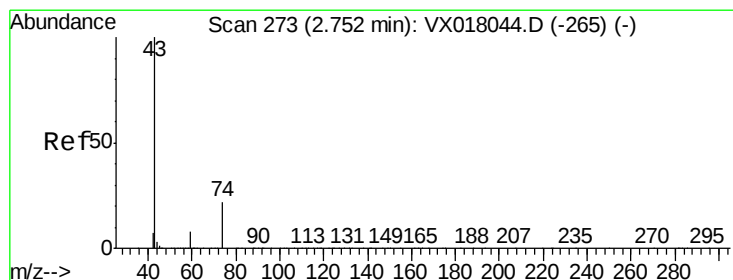
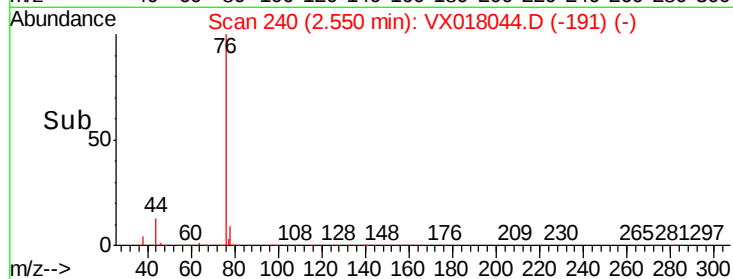
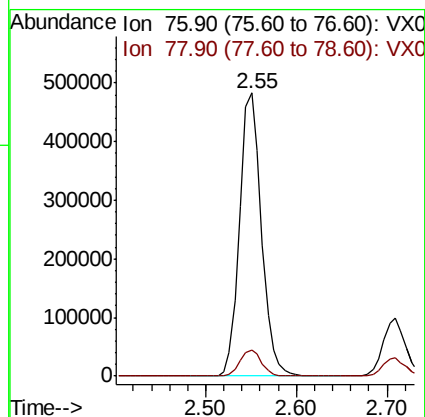
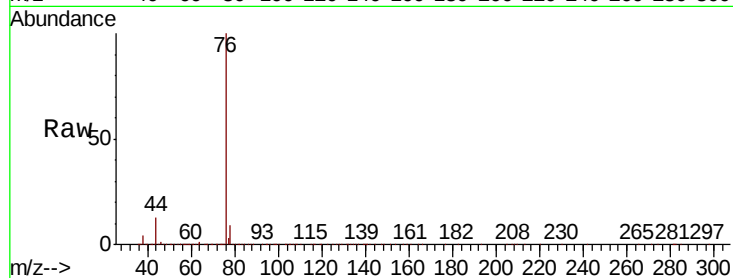




#17
Carbon Disulfide
Concen: 40.136 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

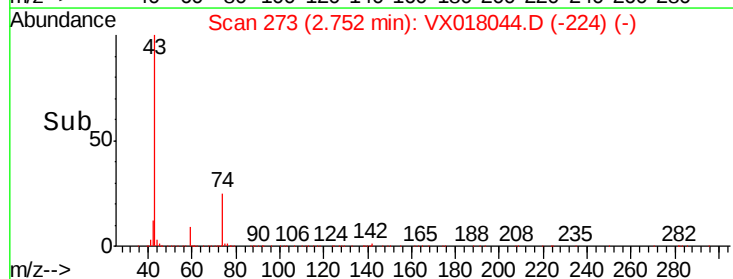
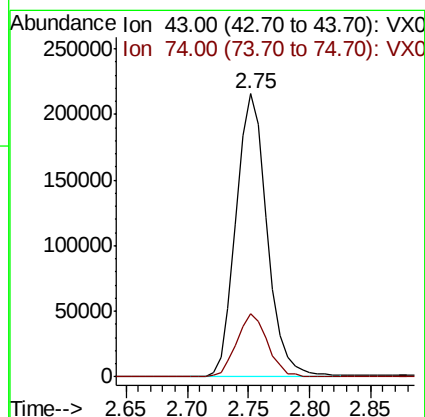
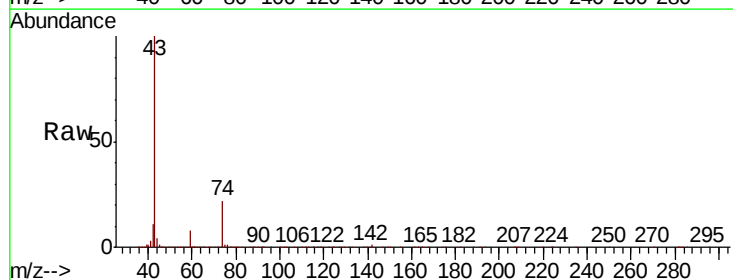
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

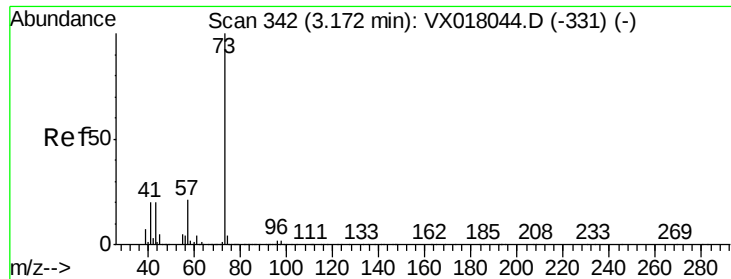
Tot Ion: 76 Resp: 809195
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 45.707 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion: 43 Resp: 376560
Ion Ratio Lower Upper
43 100
74 22.8 18.2 27.4



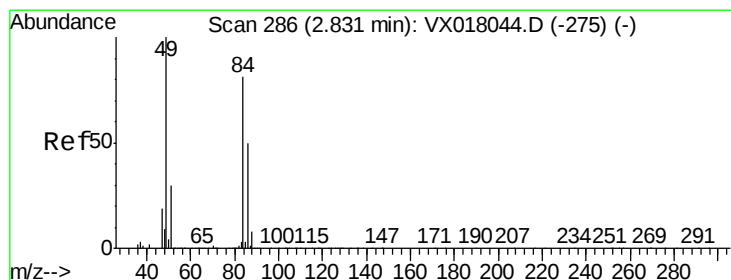
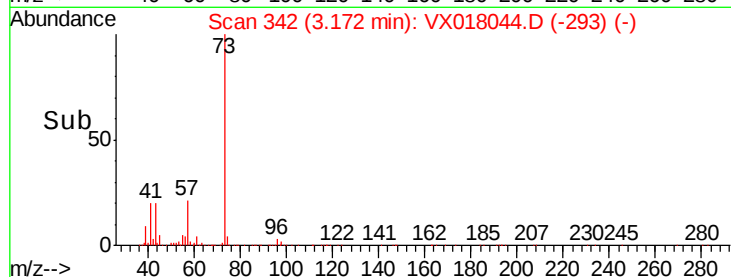
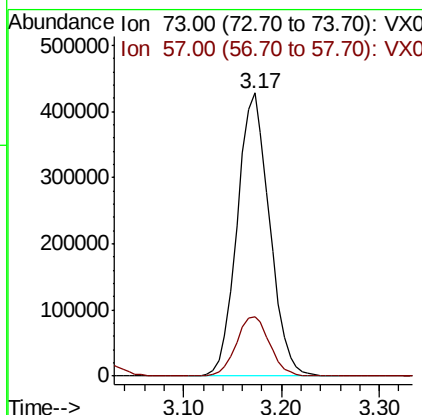
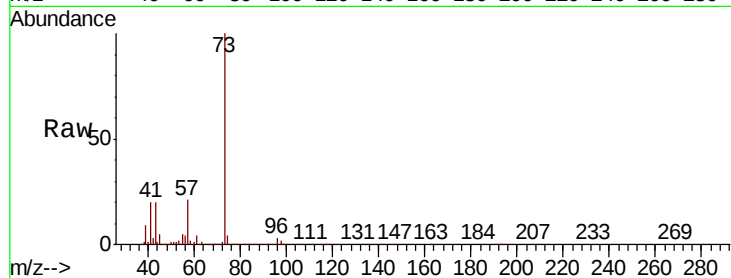


#19

Methyl tert-butyl Ether
 Concen: 47.701 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VX018044.D
 Acq: 20 Aug 2020 20:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

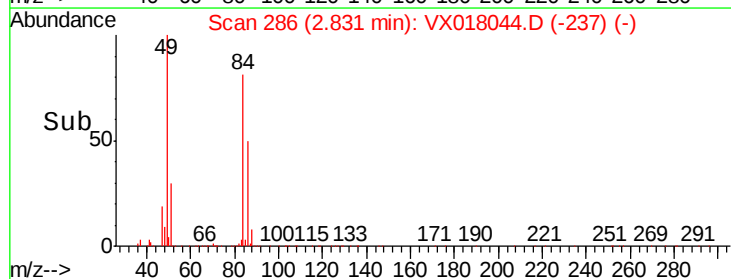
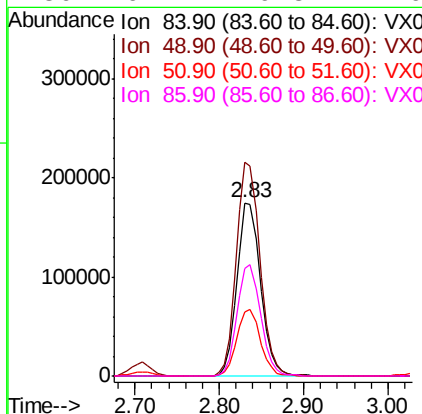
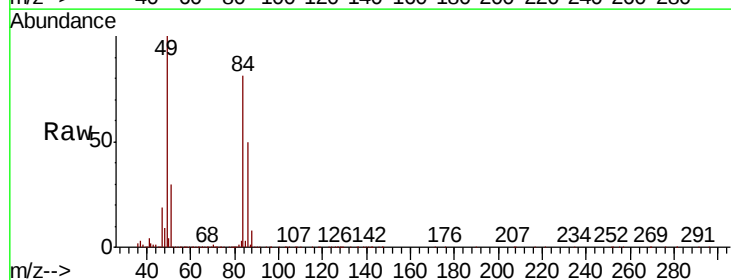
Tot Ion: 73 Resp: 979324
 Ion Ratio Lower Upper
 73 100
 57 21.0 16.8 25.2



#20

Methylene Chloride
 Concen: 47.007 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX018044.D
 Acq: 20 Aug 2020 20:08

Tgt Ion: 84 Resp: 328488
 Ion Ratio Lower Upper
 84 100
 49 123.3 98.6 148.0
 51 37.0 29.6 44.4
 86 62.2 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 45.602 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

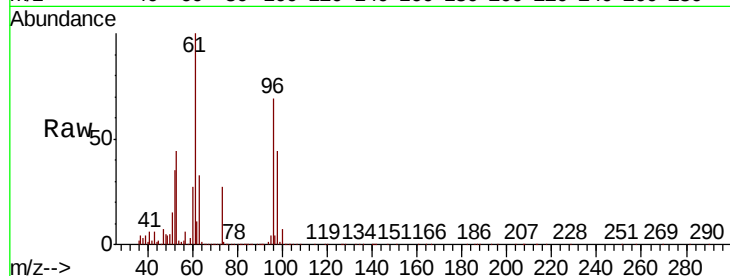
Tot Ion: 96 Resp: 303468

Ion Ratio Lower Upper

96 100

61 144.2 115.4 173.0

98 63.9 51.1 76.7

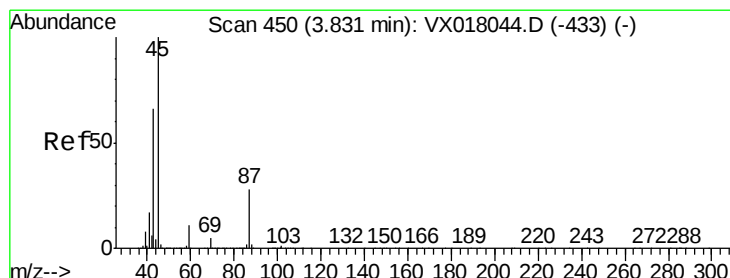
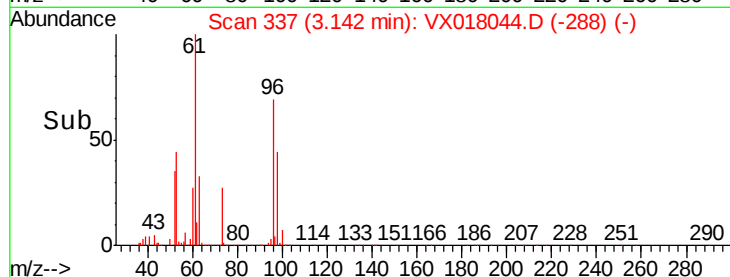
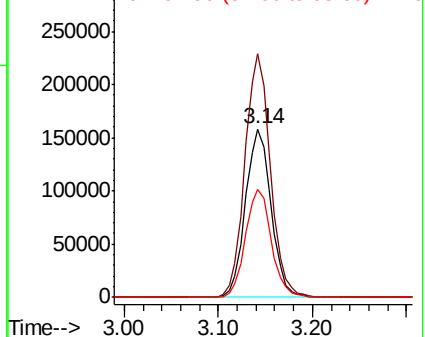


Abundance

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: 48.965 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Tgt Ion: 45 Resp: 1016591

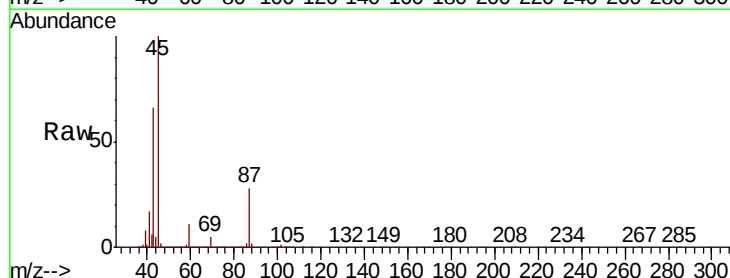
Ion Ratio Lower Upper

45 100

43 66.0 52.8 79.2

87 28.1 22.5 33.7

59 11.3 9.0 13.6



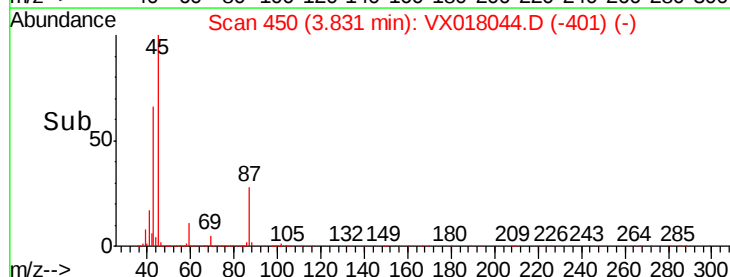
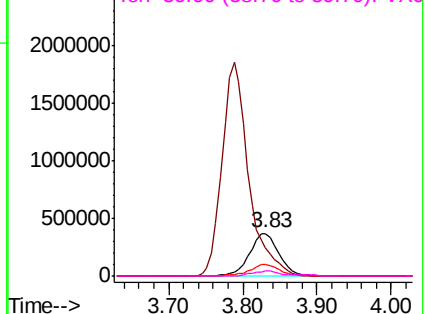
Abundance

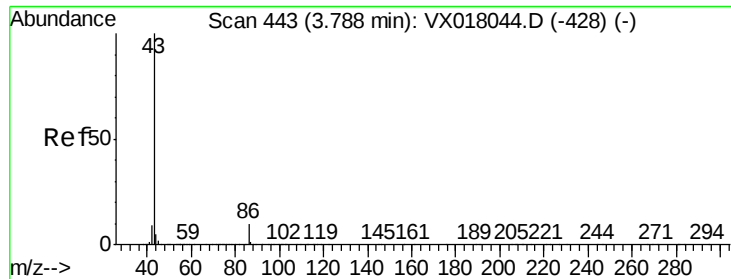
Ion 45.00 (44.70 to 45.70): VX0

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

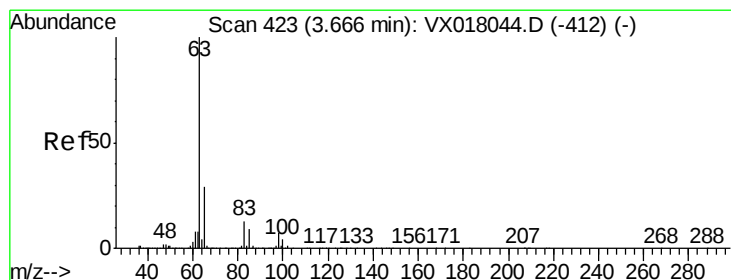
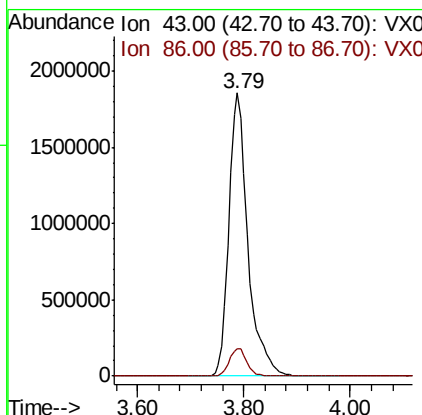
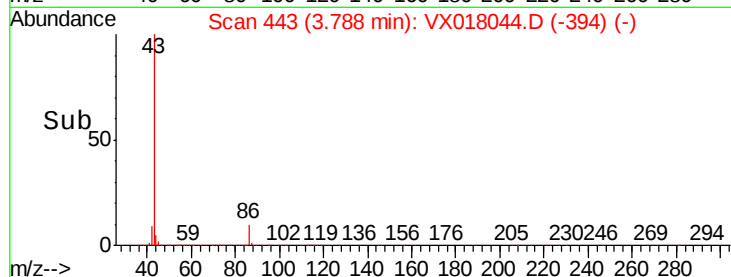
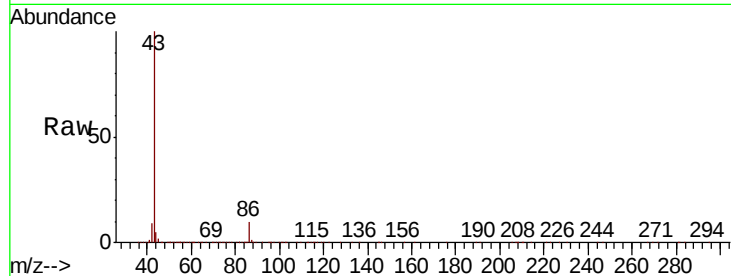




#23
 Vinyl Acetate
 Concen: 253.624 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VX018044.D
 Acq: 20 Aug 2020 20:08

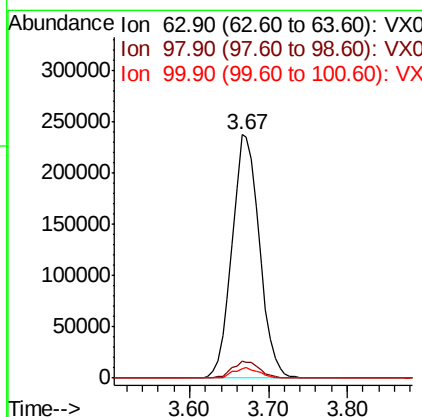
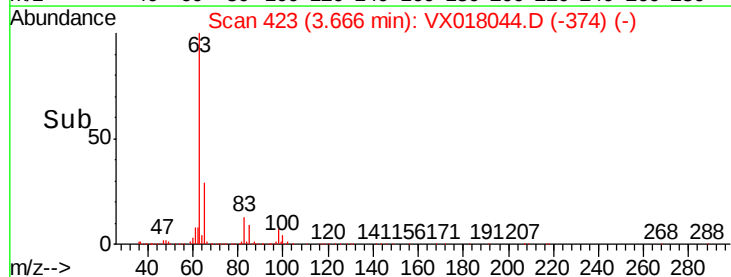
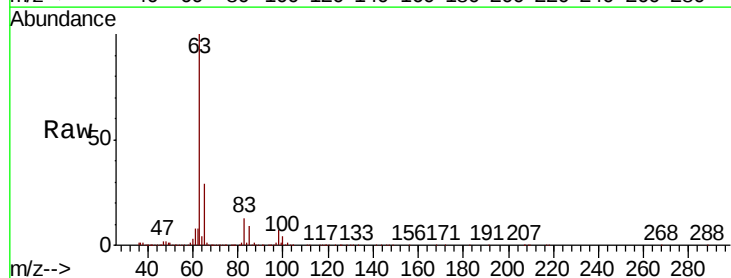
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

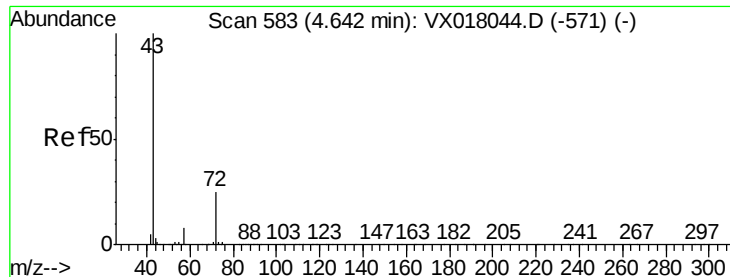
Tot Ion: 43 Resp: 4639224
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 49.331 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: VX018044.D
 Acq: 20 Aug 2020 20:08

Tgt Ion: 63 Resp: 573838
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.0 2.0 6.0

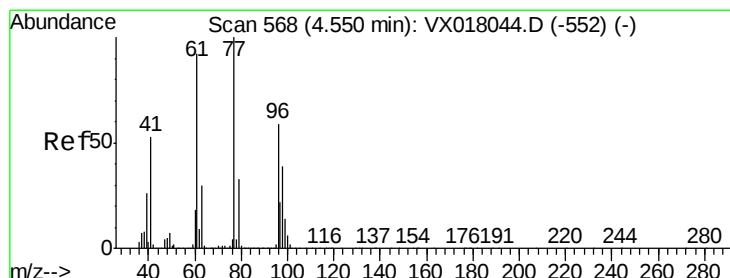
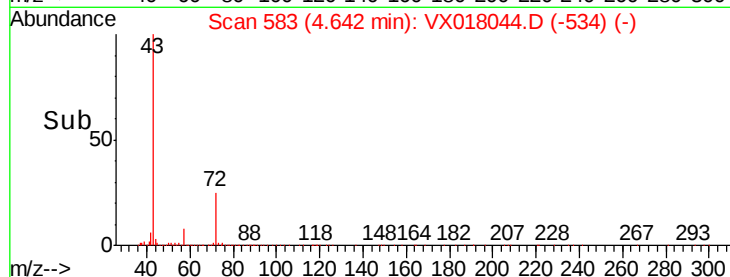
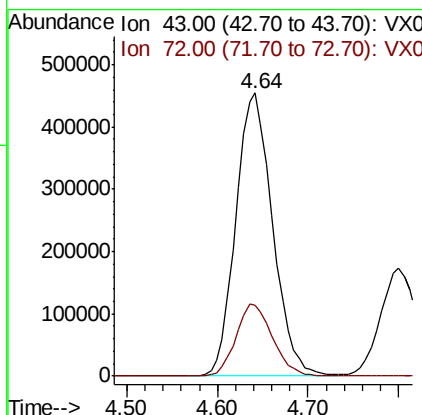
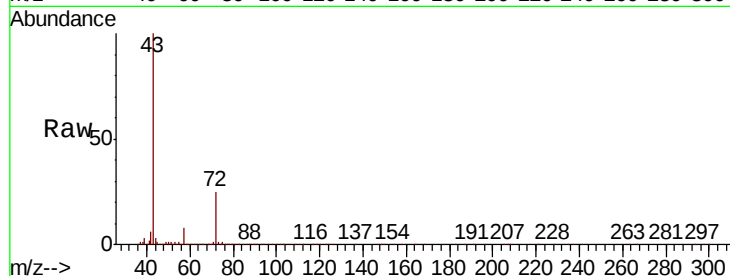




#25
2-Butanone
Concen: 236.624 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

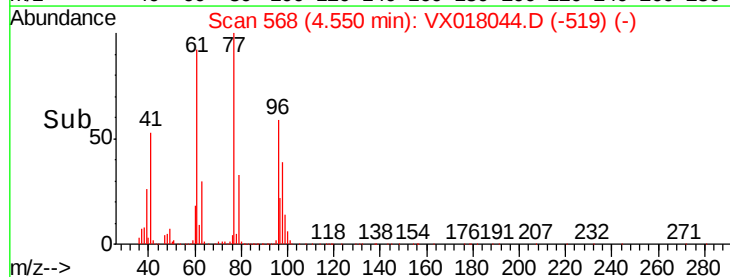
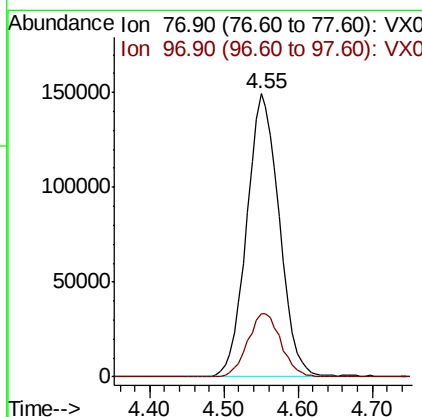
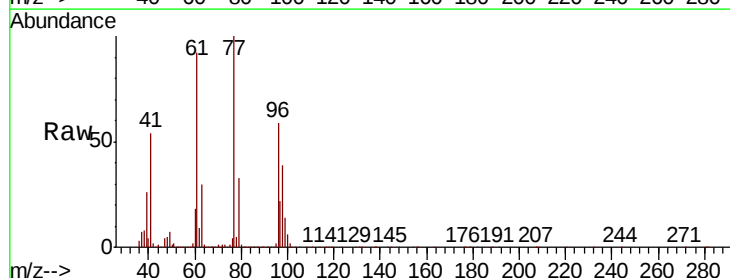
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 1277799
Ion Ratio Lower Upper
43 100
72 24.7 19.8 29.6



#26
2,2-Dichloropropane
Concen: 43.801 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion: 77 Resp: 456691
Ion Ratio Lower Upper
77 100
97 23.0 11.5 34.5



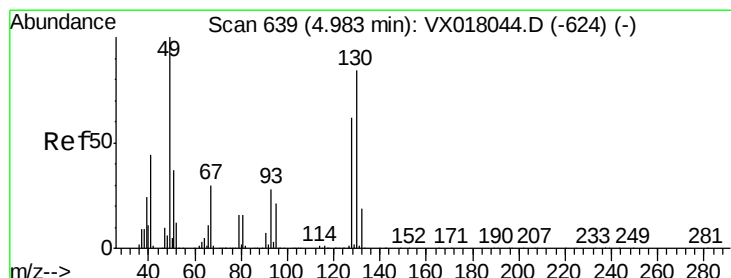
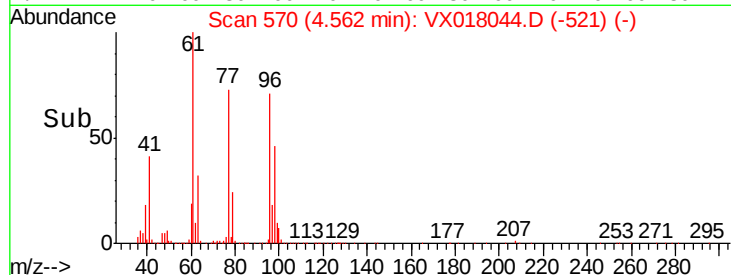
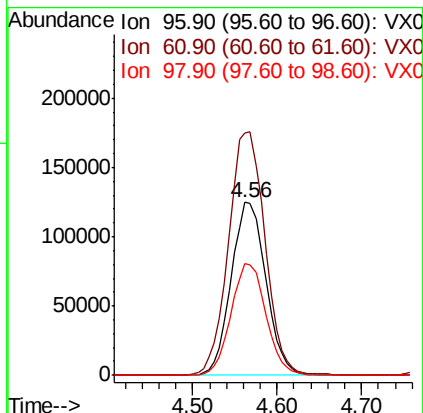
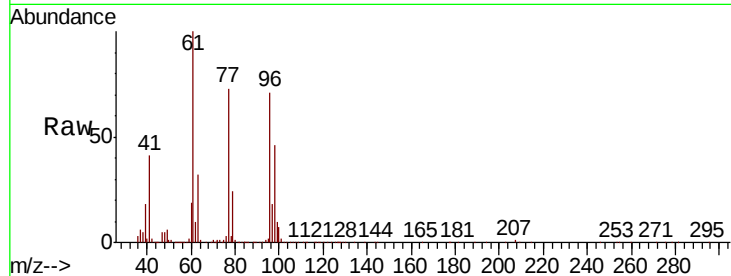


#27

cis-1,2-Dichloroethene
Concen: 47.774 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

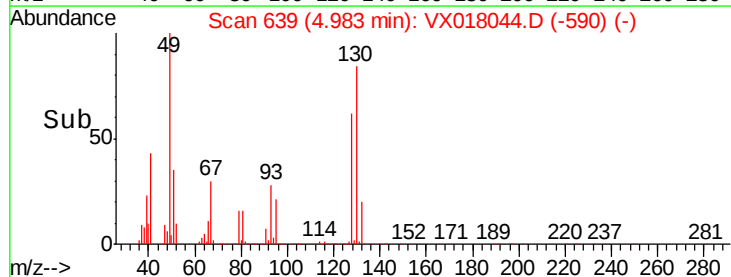
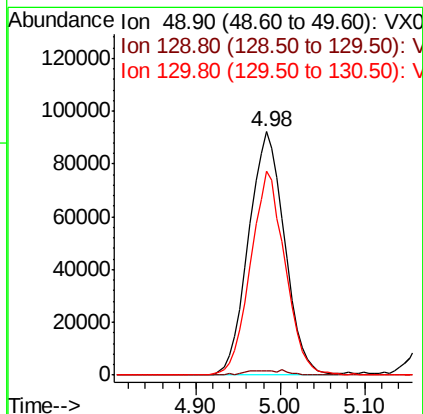
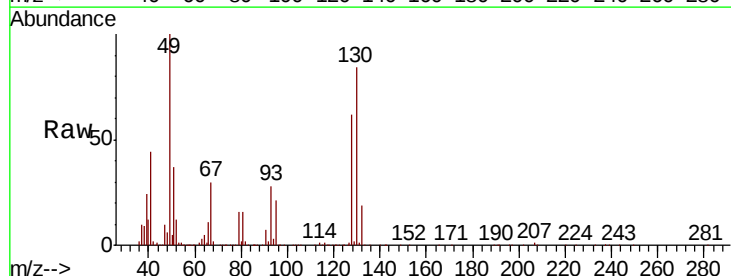
Tot Ion	Ratio	Lower	Upper
96	100		
61	148.3	0.0	296.6
98	65.1	0.0	130.2



#28

Bromochloromethane
Concen: 50.162 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	80.7	64.6	96.8

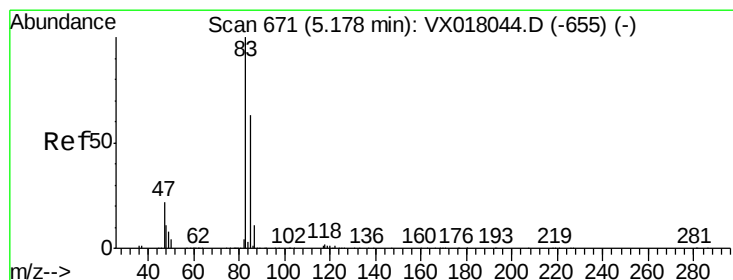
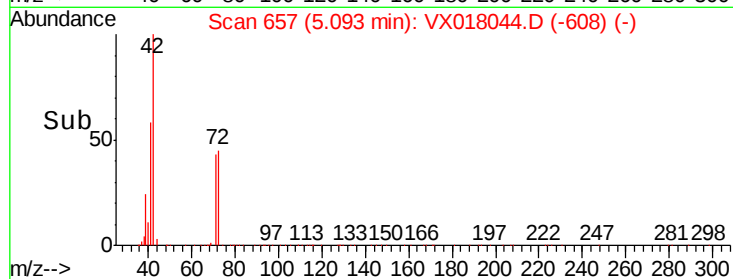
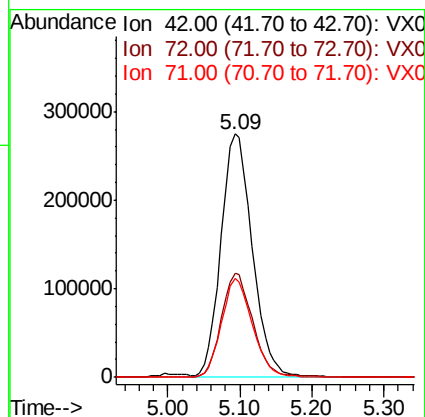
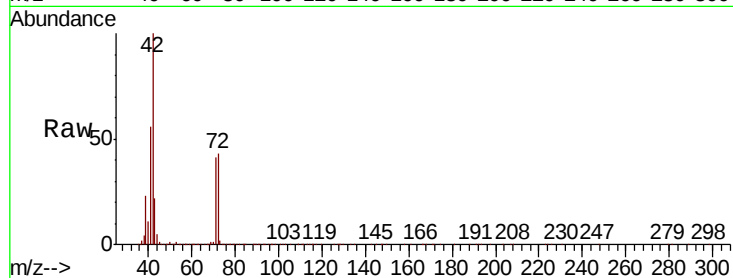




#29
Tetrahydrofuran
Concen: 233.054 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

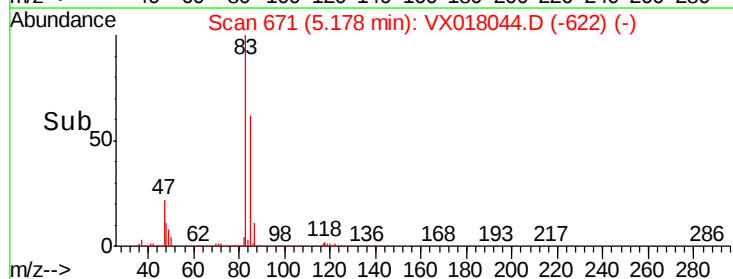
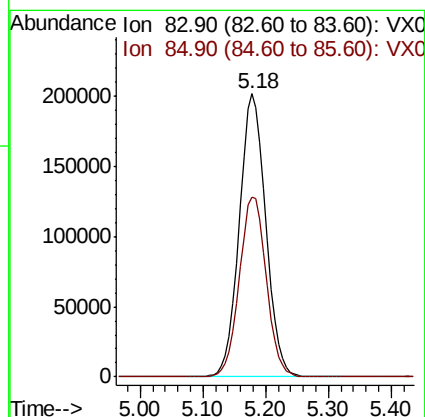
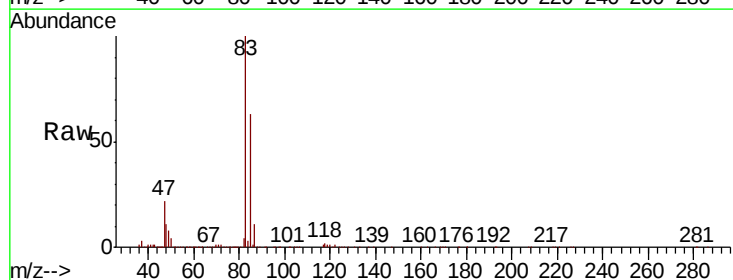
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 42 Resp: 833013
Ion Ratio Lower Upper
42 100
72 42.8 34.2 51.4
71 40.1 32.1 48.1



#30
Chloroform
Concen: 50.645 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion: 83 Resp: 588862
Ion Ratio Lower Upper
83 100
85 63.4 50.7 76.1

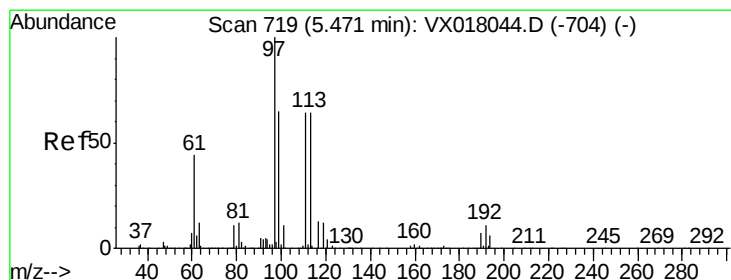
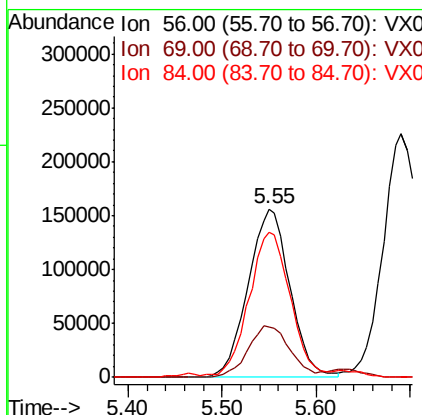
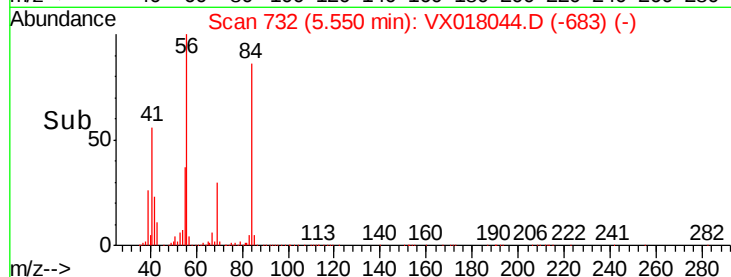
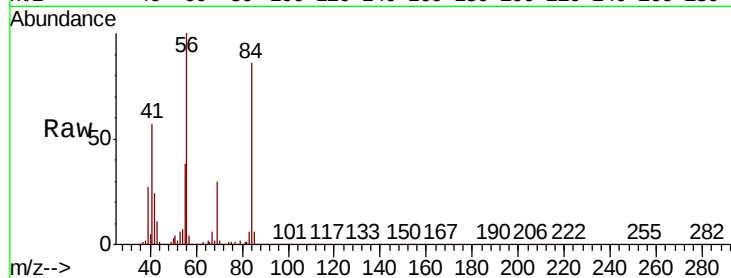




#31
Cyclohexane
Concen: 46.591 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

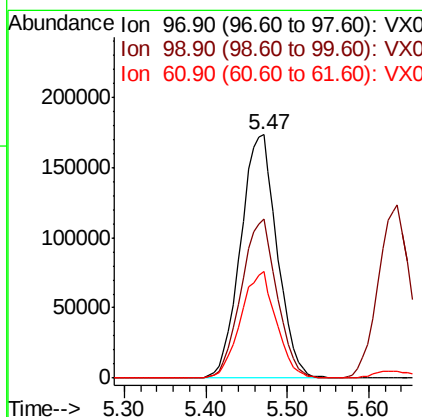
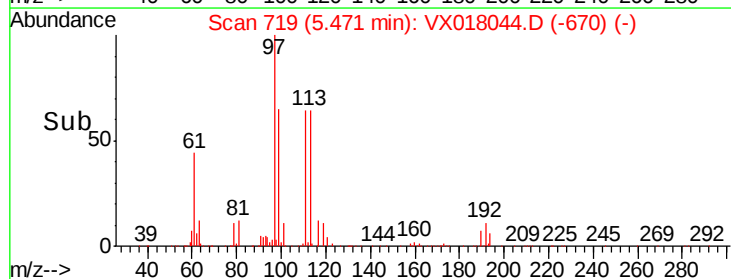
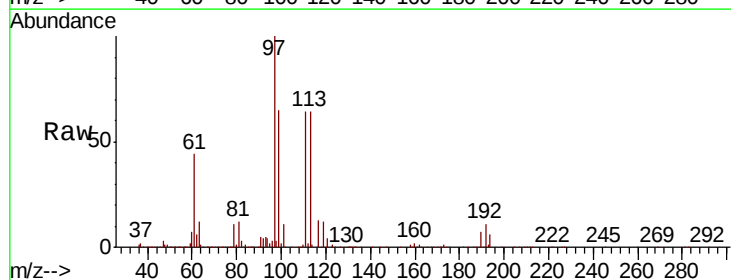
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

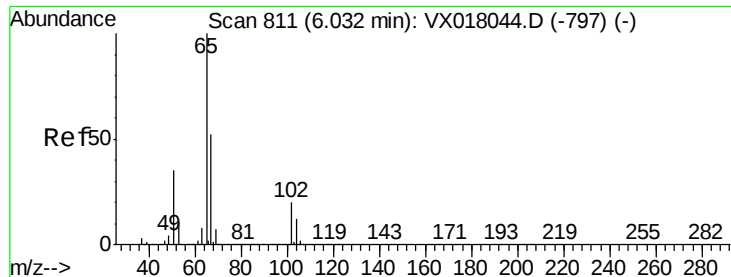
Tot Ion: 56 Resp: 483414
Ion Ratio Lower Upper
56 100
69 29.9 23.9 35.9
84 83.7 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 50.864 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion: 97 Resp: 538242
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 42.8 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 49.945 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

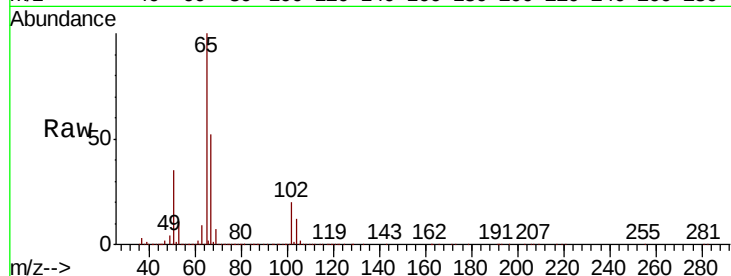
VSTDICCC050

Tot Ion: 65 Resp: 386312

Ion Ratio Lower Upper

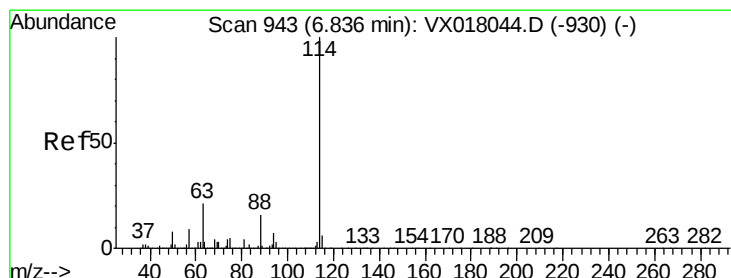
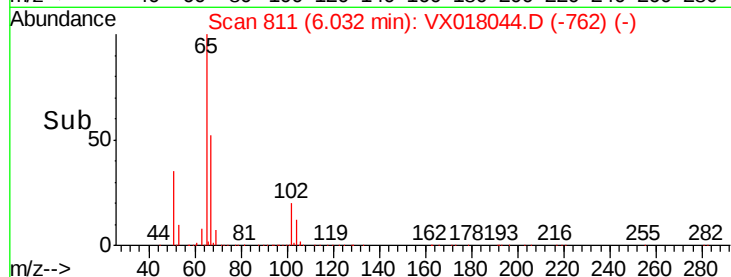
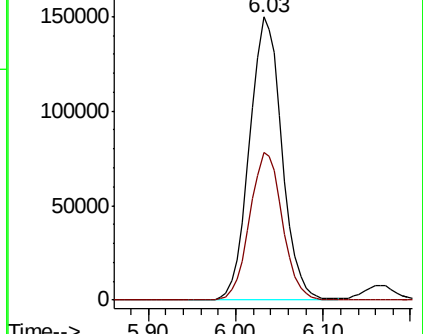
65 100

67 52.9 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

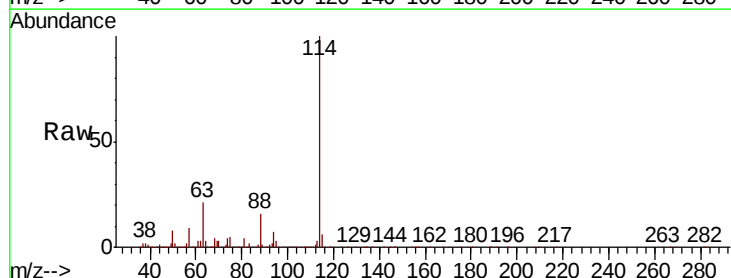
Tgt Ion: 114 Resp: 936490

Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.6

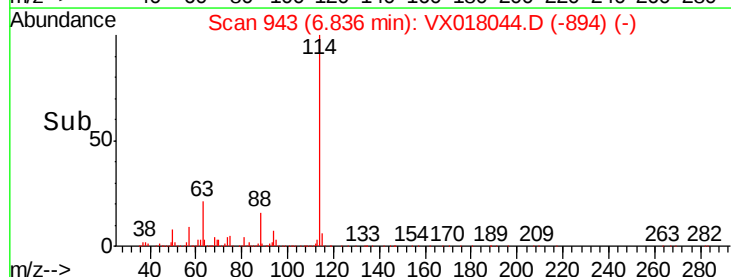
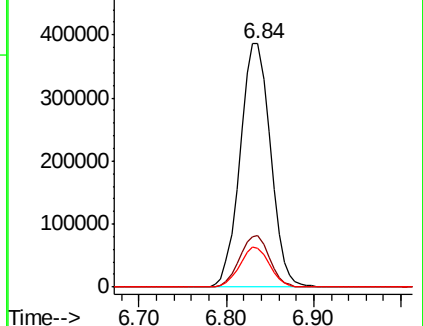
88 15.9 0.0 31.8

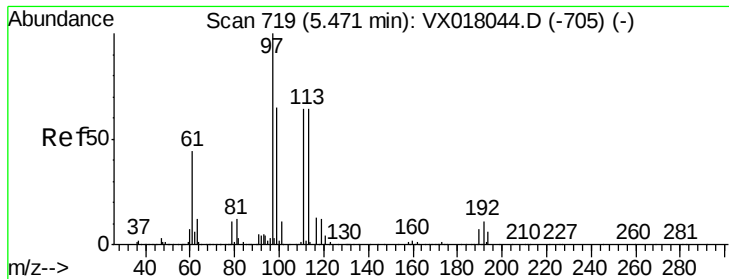


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.462 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

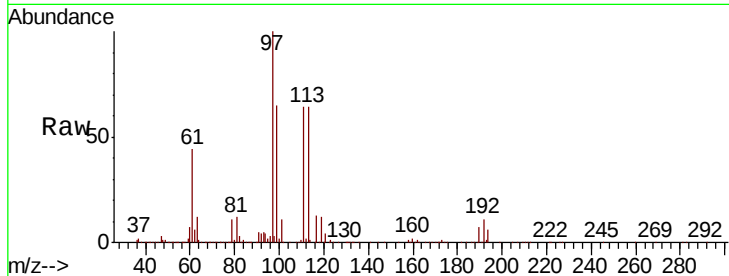
Tot Ion:113 Resp: 311975

Ion Ratio Lower Upper

113 100

111 102.0 81.6 122.4

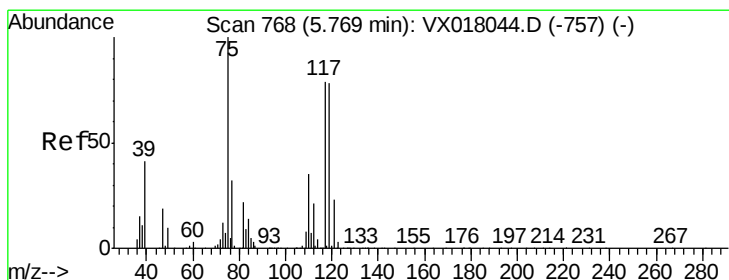
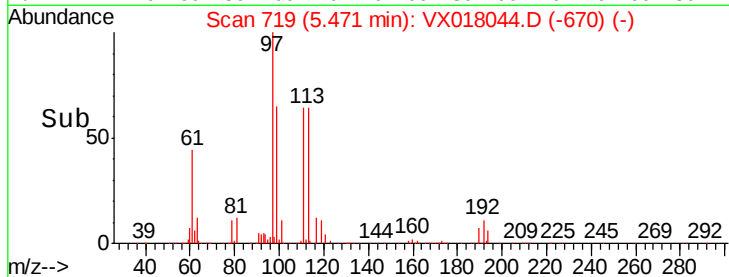
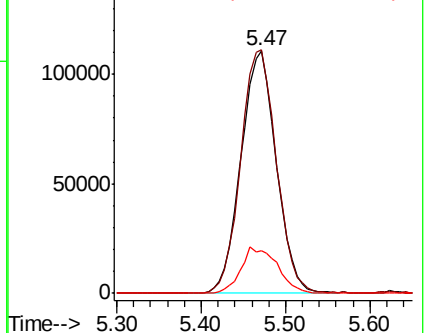
192 19.8 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.748 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

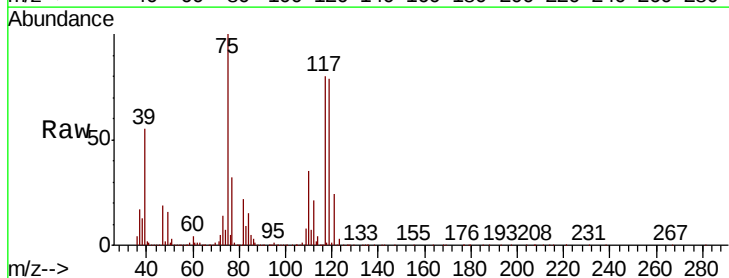
Tgt Ion: 75 Resp: 438771

Ion Ratio Lower Upper

75 100

110 36.0 18.0 54.0

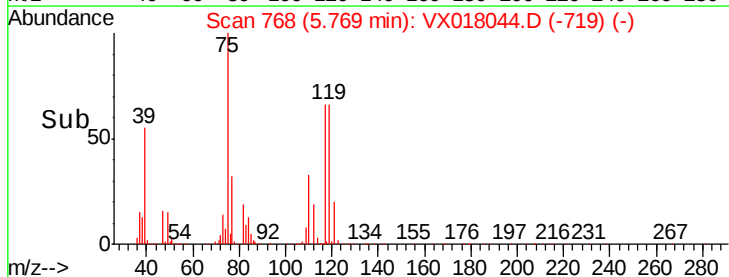
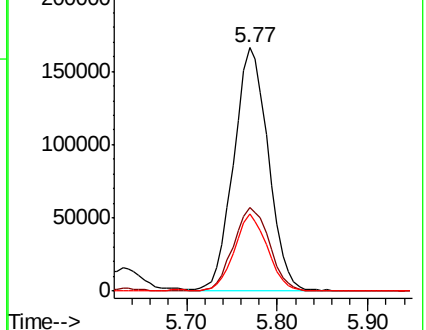
77 30.5 24.4 36.6

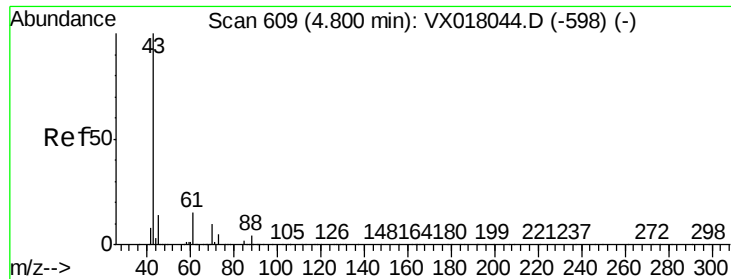


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

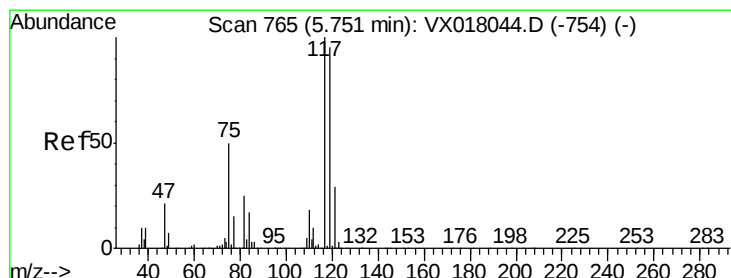
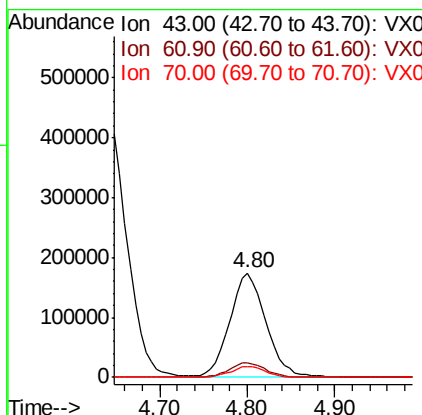
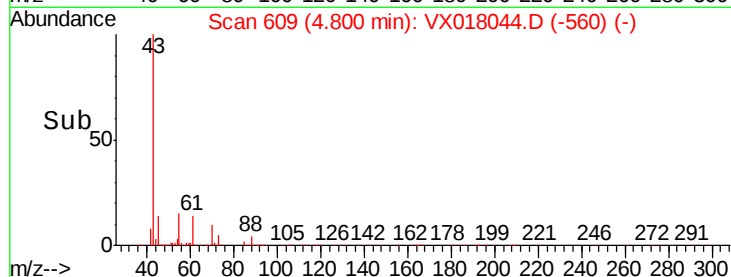
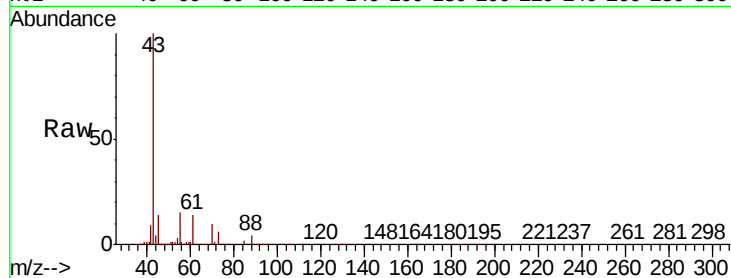




#37
Ethyl Acetate
Concen: 47.074 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

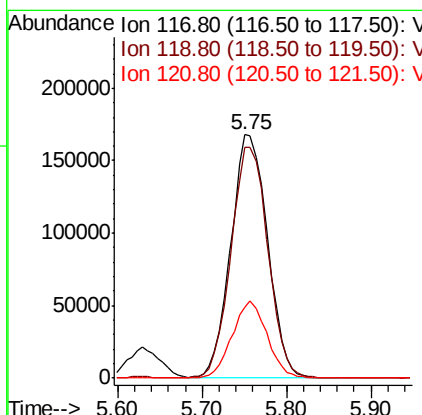
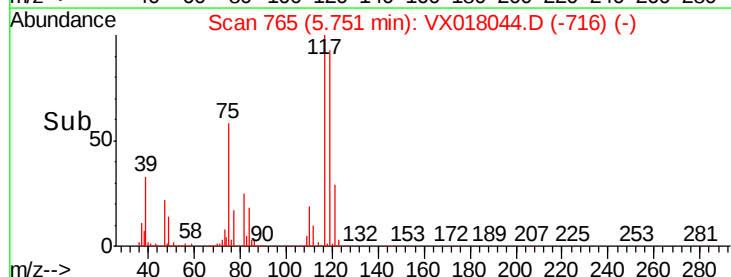
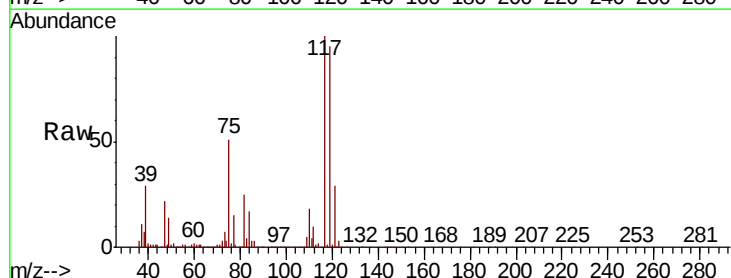
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

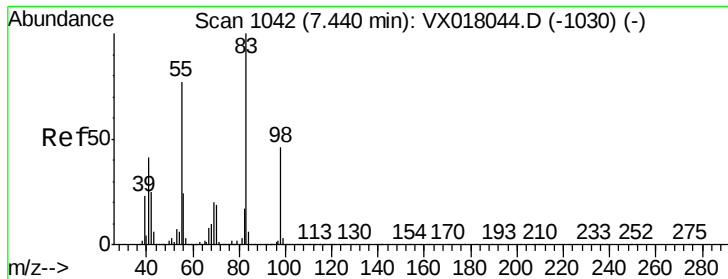
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.3	16.9
70	10.3	8.2	12.4



#38
Carbon Tetrachloride
Concen: 52.291 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.8	113.6
121	29.2	23.4	35.0

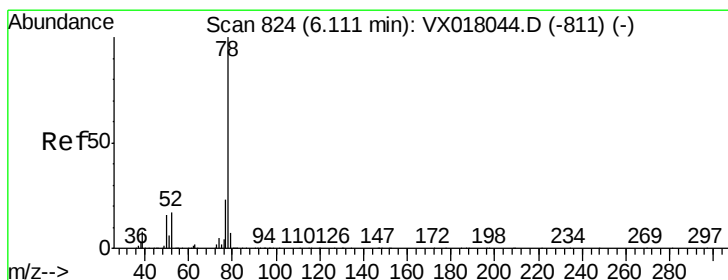
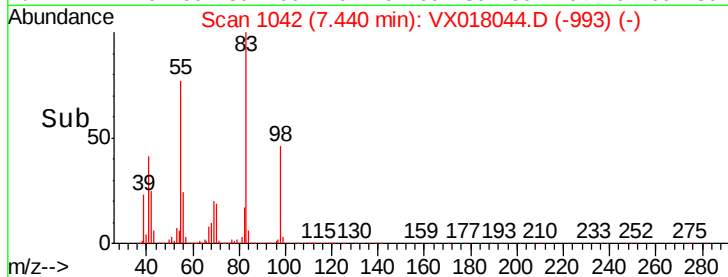
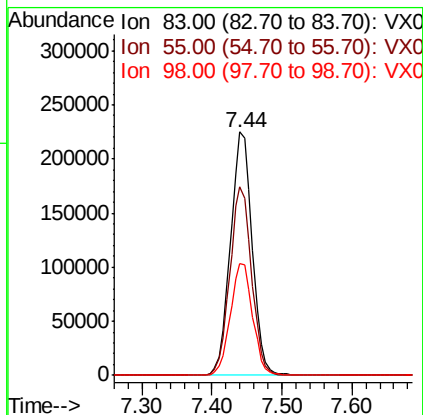
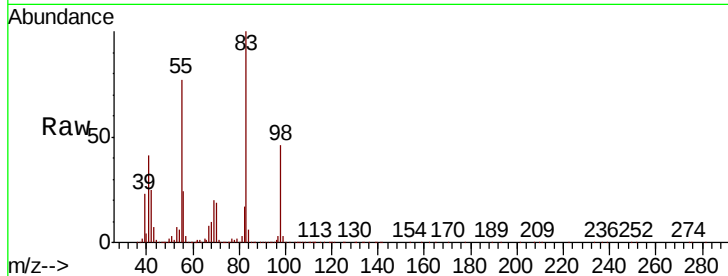




#39
Methvlcvclohexane
Concen: 44.584 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

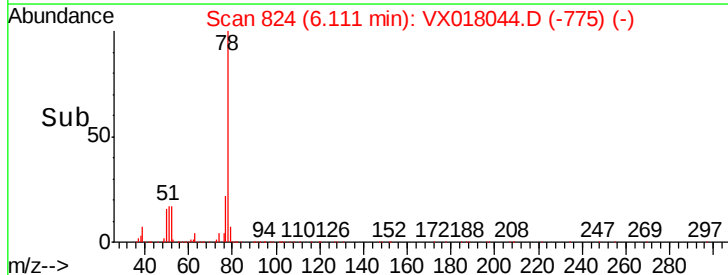
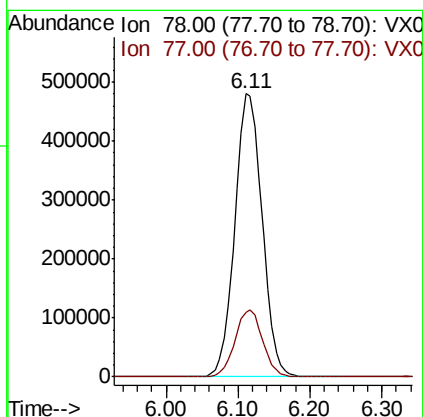
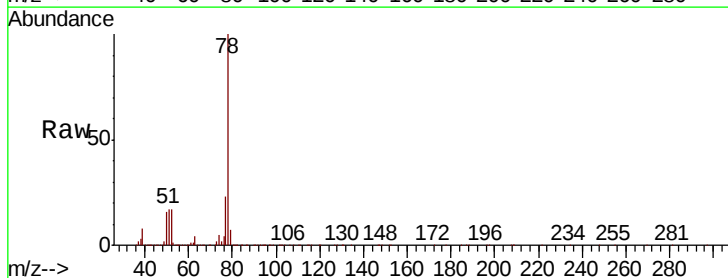
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 83 Resp: 485222
Ion Ratio Lower Upper
83 100
55 77.2 61.8 92.6
98 45.8 36.6 55.0



#40
Benzene
Concen: 47.240 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion: 78 Resp: 1264445
Ion Ratio Lower Upper
78 100
77 22.7 18.2 27.2

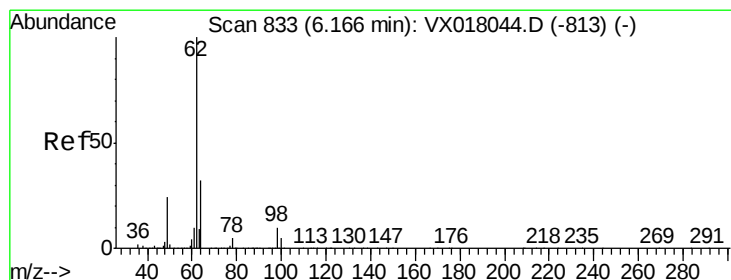
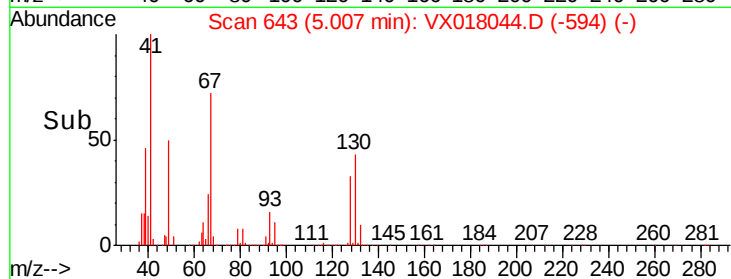
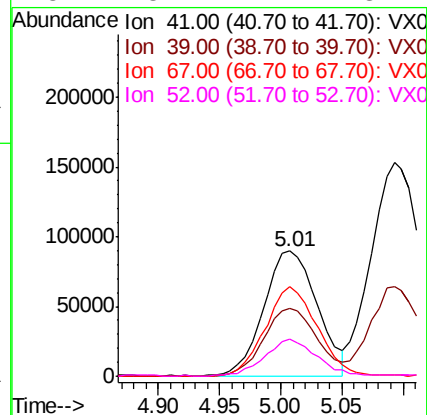
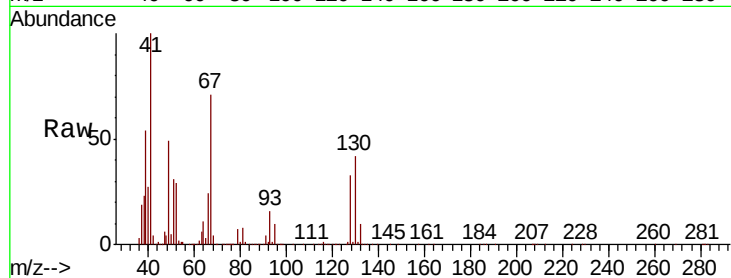




#41
Methacrylonitrile
Concen: 47.666 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

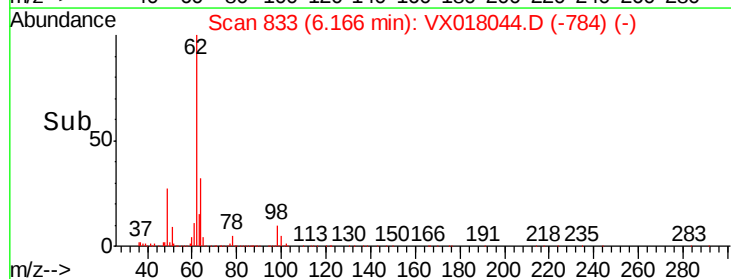
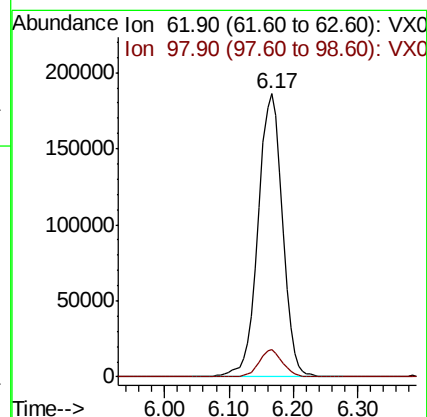
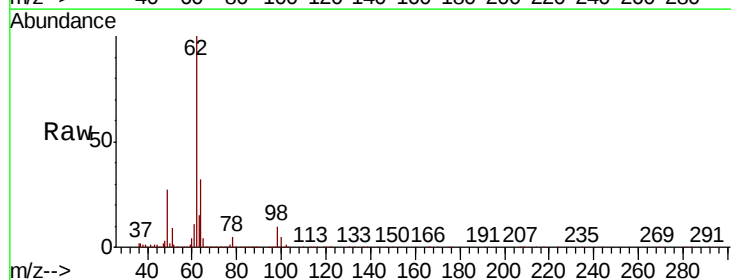
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

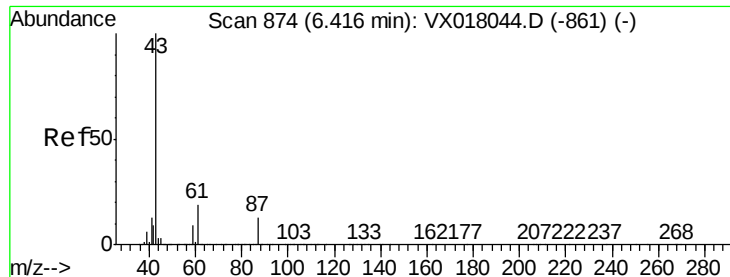
Tot Ion:	41	Resp:	271972
Ion	Ratio	Lower	Upper
41	100		
39	53.9	43.1	64.7
67	70.0	56.0	84.0
52	28.4	22.7	34.1



#42
1,2-Dichloroethane
Concen: 49.707 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion:	62	Resp:	484192
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2



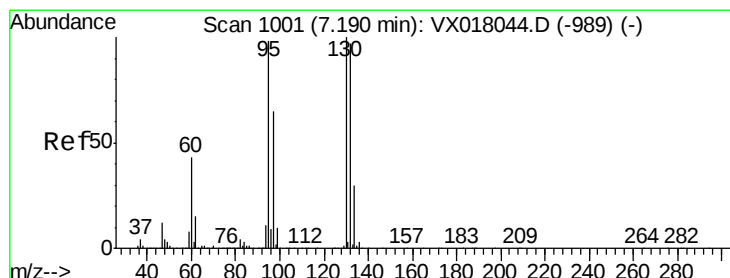
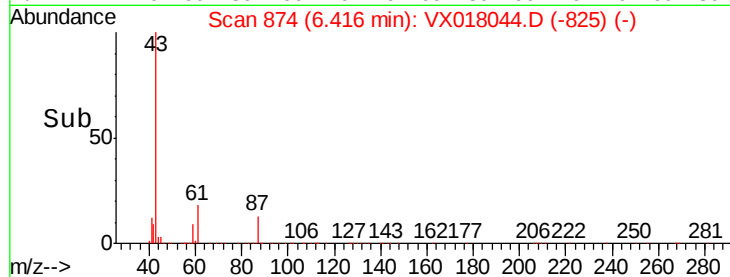
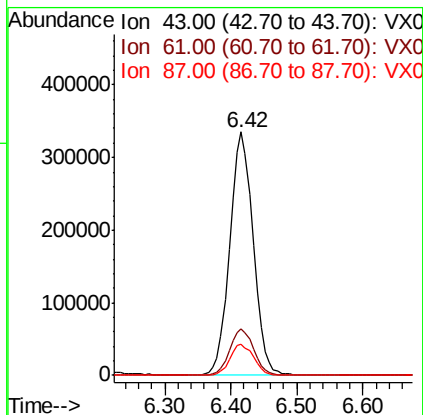
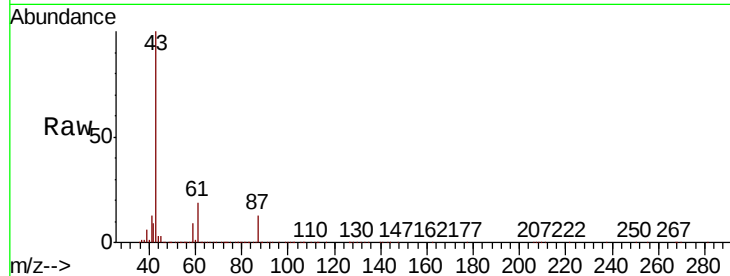


#43

Isopropyl Acetate
 Concen: 48.472 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX018044.D
 Acq: 20 Aug 2020 20:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

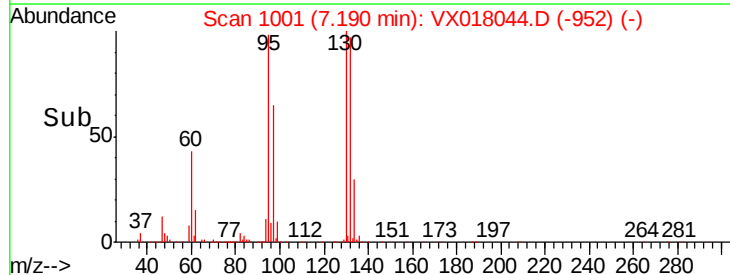
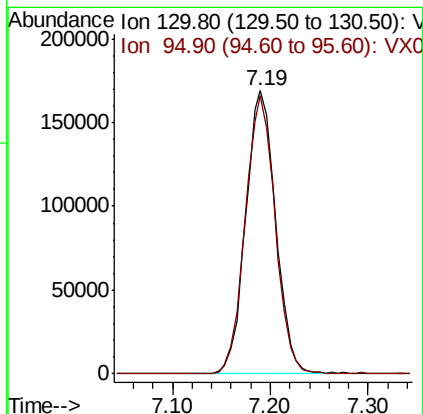
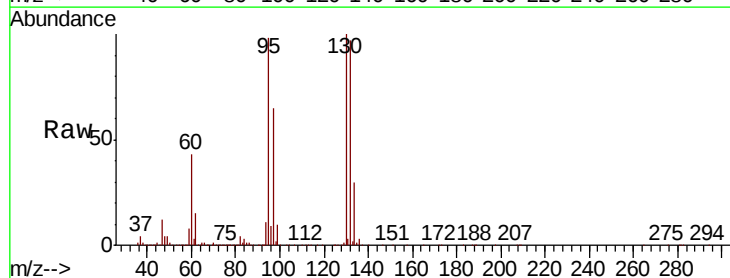
Tot Ion	43	Resp	821383
Ion Ratio	Lower	Upper	
43	100		
61	19.6	15.7	23.5
87	12.9	10.3	15.5

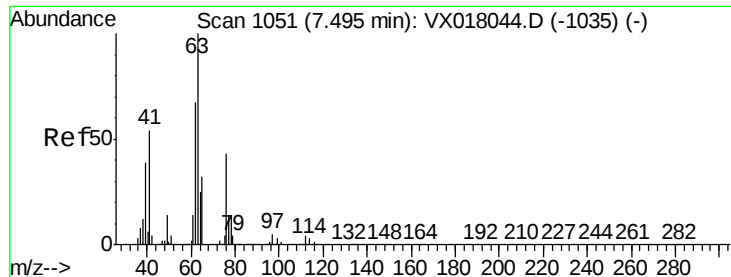


#44

Trichloroethene
 Concen: 38.849 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018044.D
 Acq: 20 Aug 2020 20:08

Tgt Ion	130	Resp	359464
Ion Ratio	Lower	Upper	
130	100		
95	98.2	0.0	196.4





#45

1,2-Dichloropropane

Concen: 50.622 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

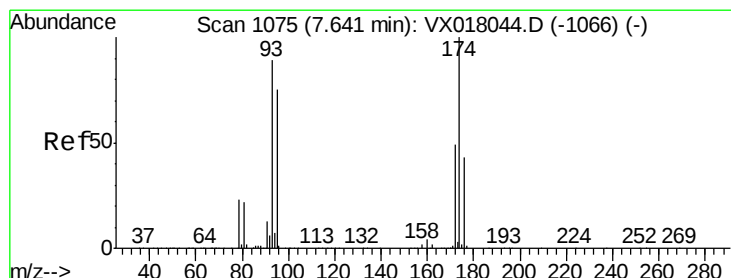
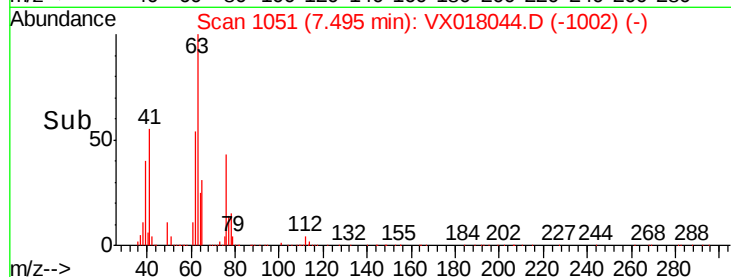
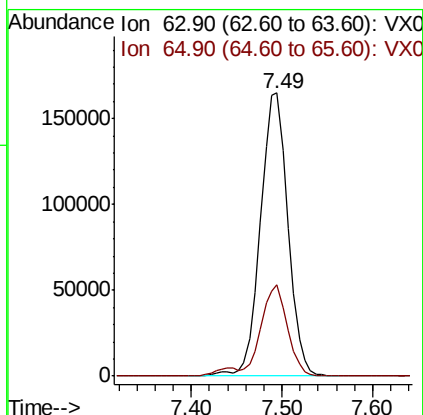
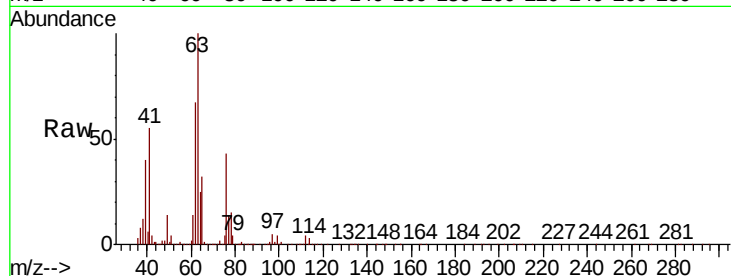
VSTDICCC050

Tot Ion: 63 Resp: 346355

Ion Ratio Lower Upper

63 100

65 32.1 25.7 38.5



#46

Dibromomethane

Concen: 50.846 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

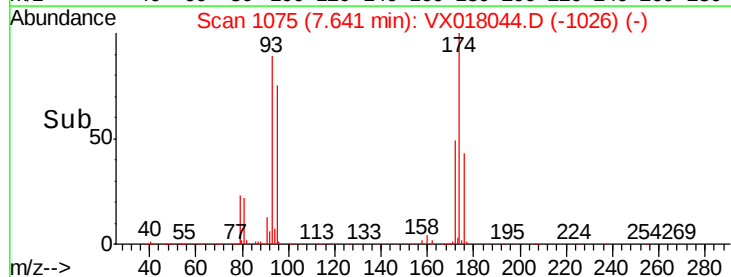
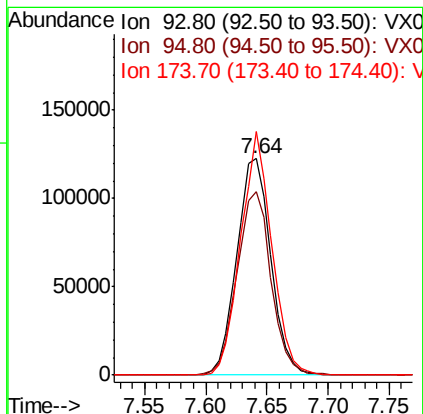
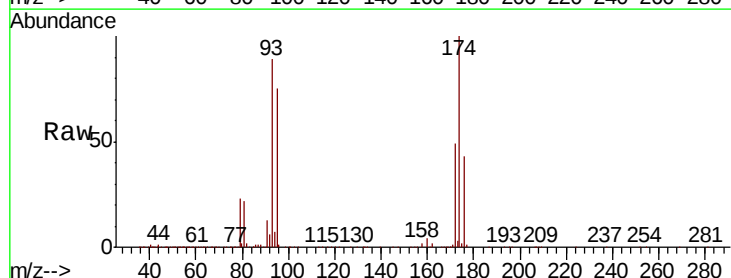
Tgt Ion: 93 Resp: 237423

Ion Ratio Lower Upper

93 100

95 84.1 67.3 100.9

174 102.7 82.2 123.2





#47

Bromodichloromethane

Concen: 51.561 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

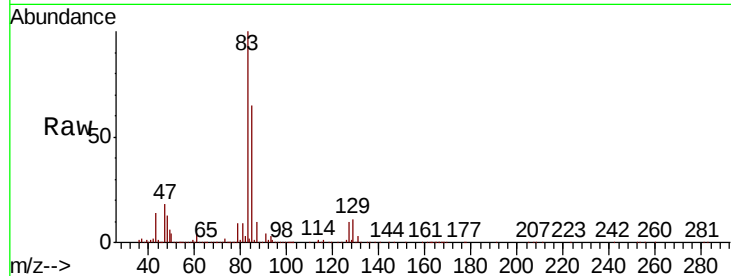
Tot Ion: 83 Resp: 489106

Ion Ratio Lower Upper

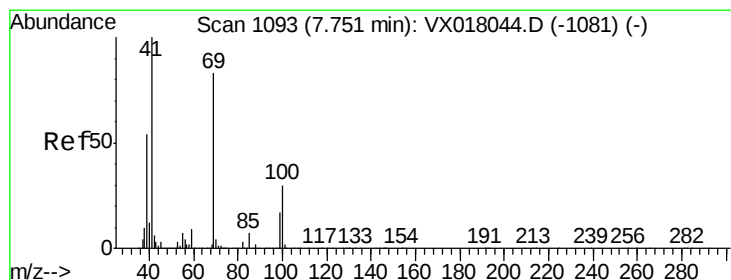
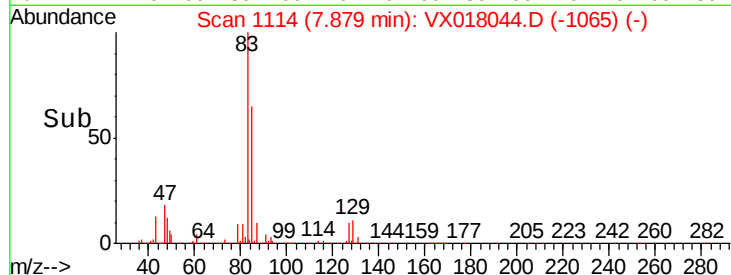
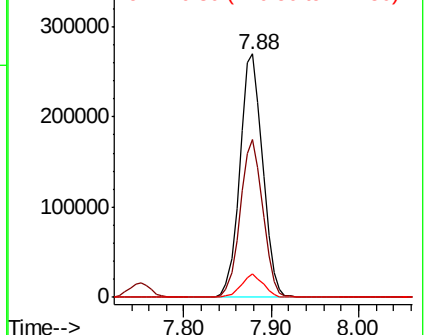
83 100

85 64.7 51.8 77.6

127 9.6 7.7 11.5



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: 50.469 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

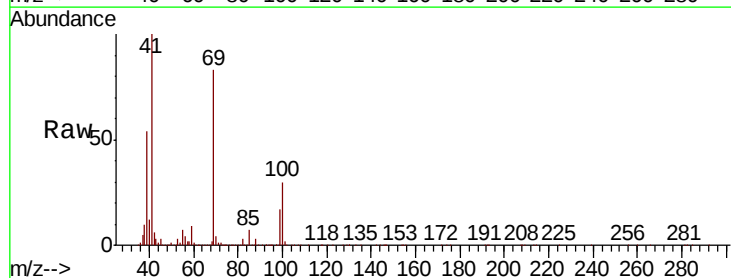
Tgt Ion: 41 Resp: 407920

Ion Ratio Lower Upper

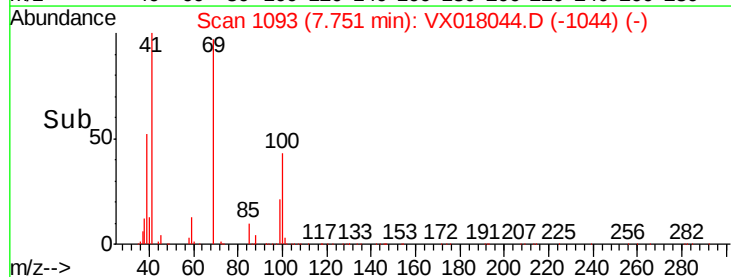
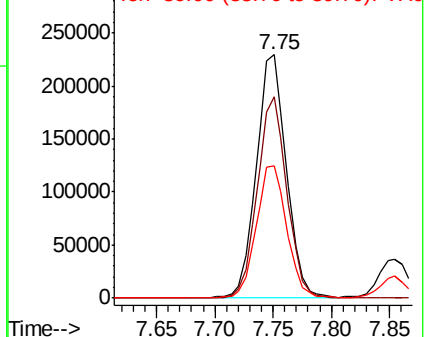
41 100

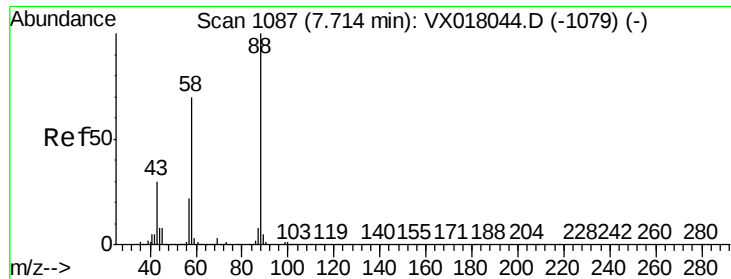
69 81.9 65.5 98.3

39 55.6 44.5 66.7



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 833.353 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

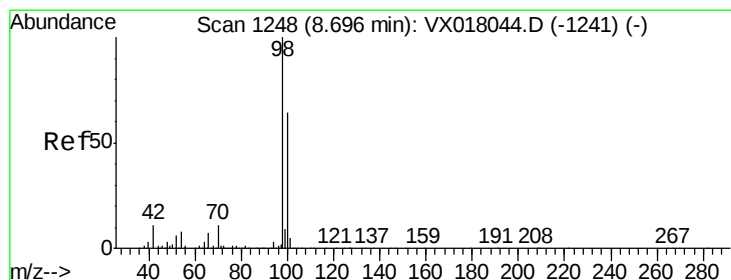
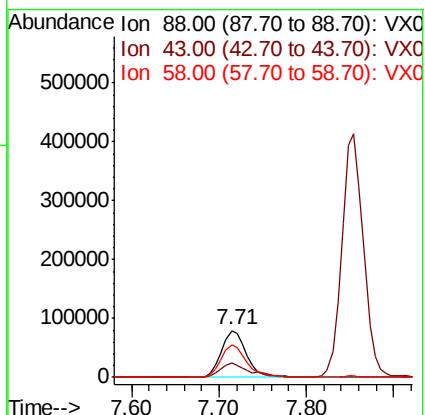
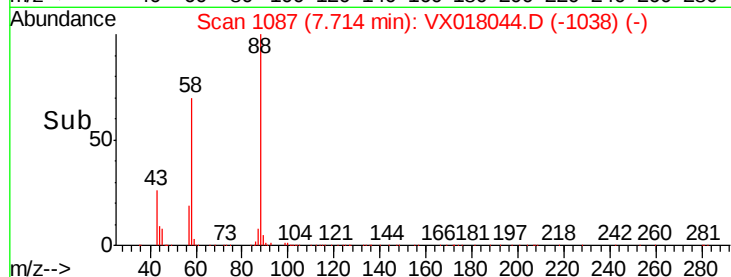
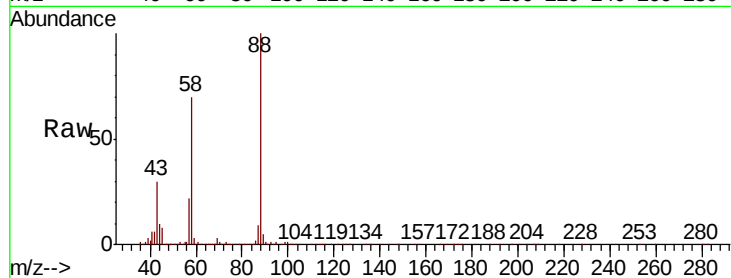
Tot Ion: 88 Resp: 156303

Ion Ratio Lower Upper

88 100

43 34.2 27.4 41.0

58 70.5 56.4 84.6



#50

Toluene-d8

Concen: 50.481 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018044.D

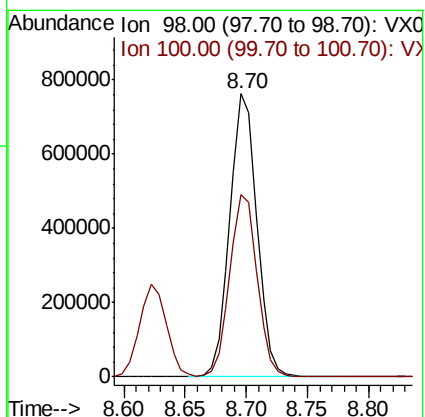
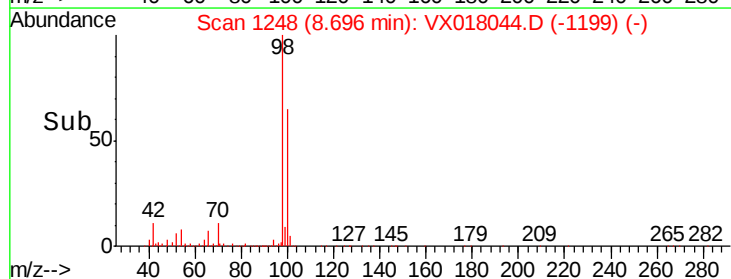
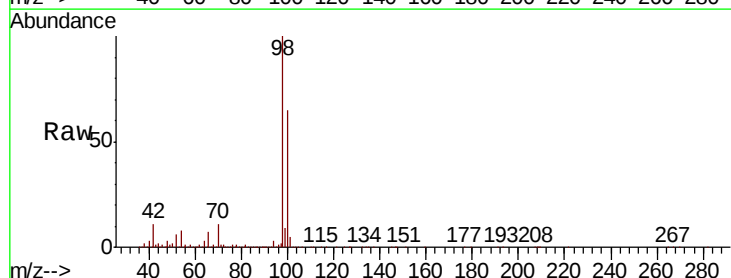
Acq: 20 Aug 2020 20:08

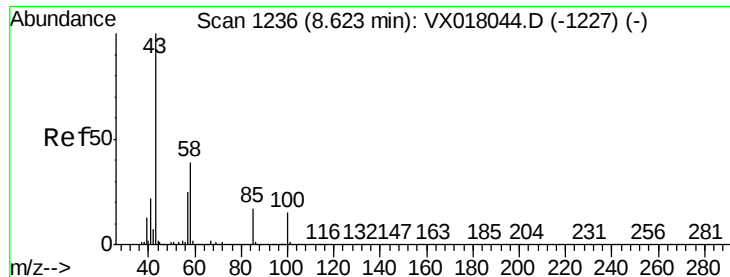
Tgt Ion: 98 Resp: 1169914

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 250.249 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

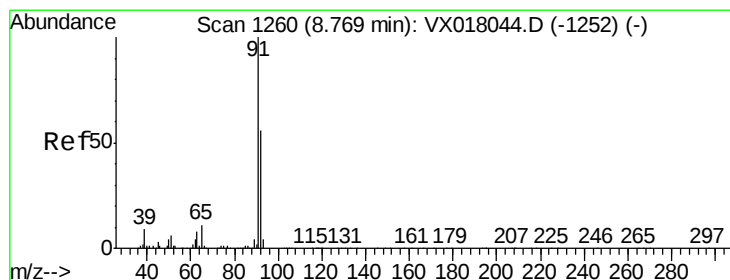
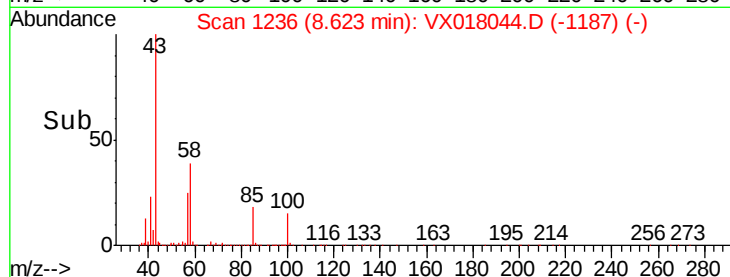
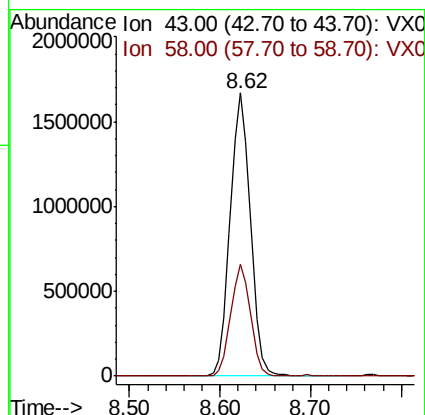
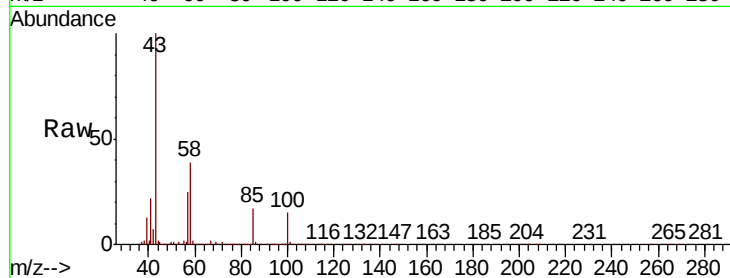
VSTDICCC050

Tot Ion: 43 Resp: 2595517

Ion Ratio Lower Upper

43 100

58 38.4 30.7 46.1



#52

Toluene

Concen: 48.674 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX018044.D

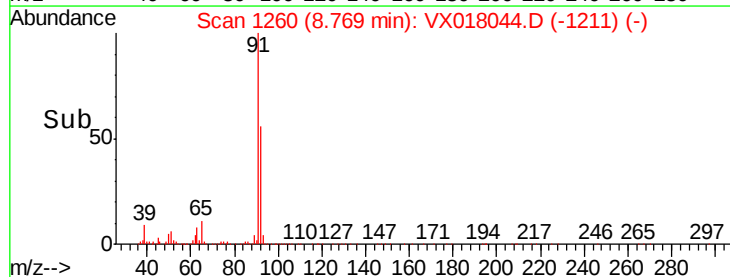
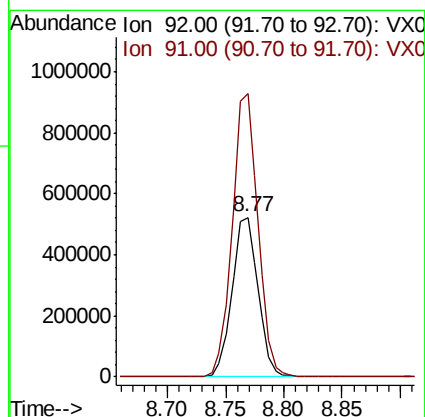
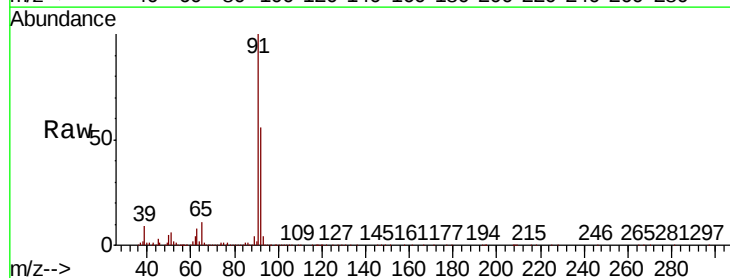
Acq: 20 Aug 2020 20:08

Tgt Ion: 92 Resp: 813962

Ion Ratio Lower Upper

92 100

91 175.4 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 48.560 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

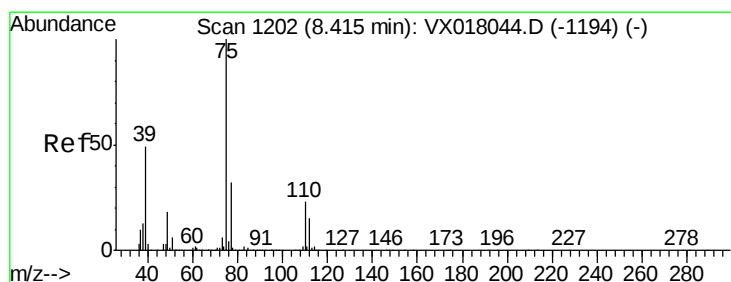
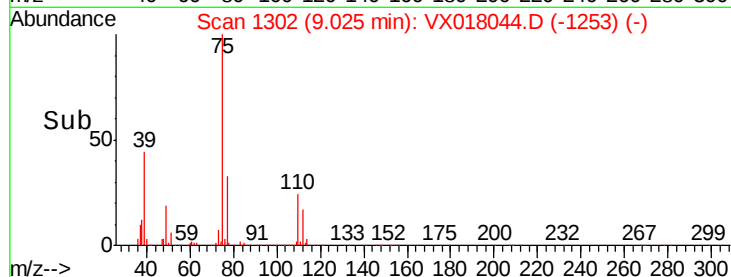
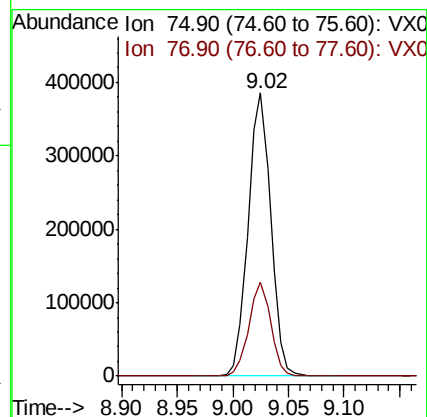
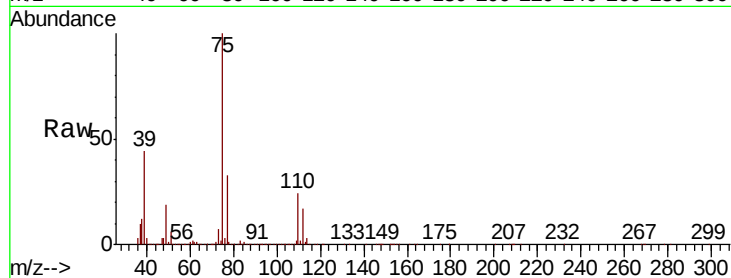
VSTDICCC050

Tot Ion: 75 Resp: 544726

Ion Ratio Lower Upper

75 100

77 33.2 26.6 39.8



#54

cis-1,3-Dichloropropene

Concen: 48.690 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

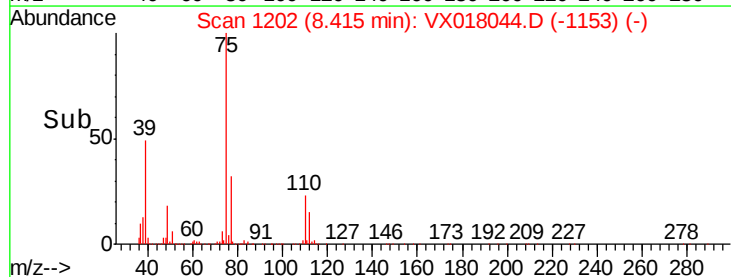
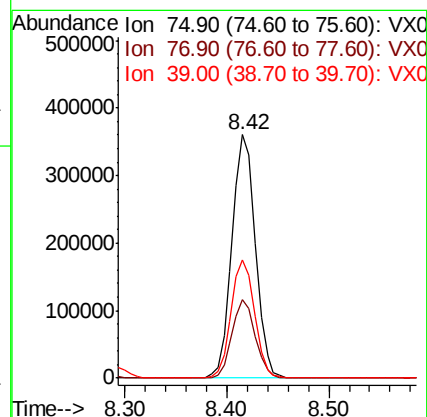
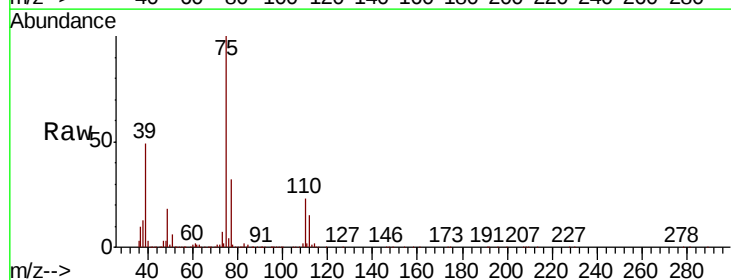
Tgt Ion: 75 Resp: 570257

Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.8

39 48.5 38.8 58.2

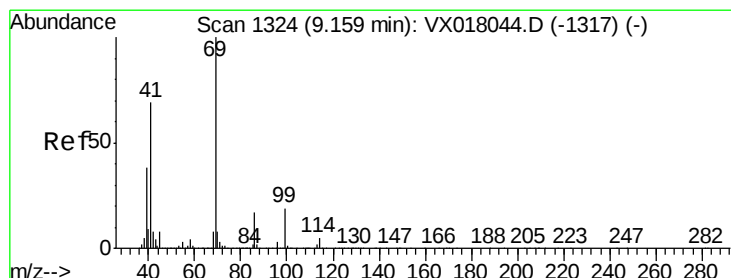
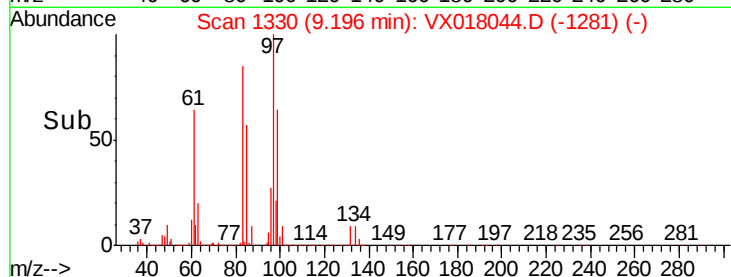
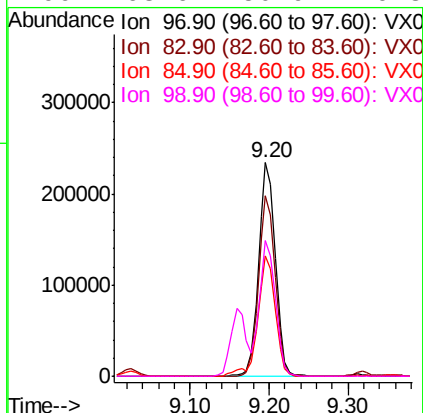
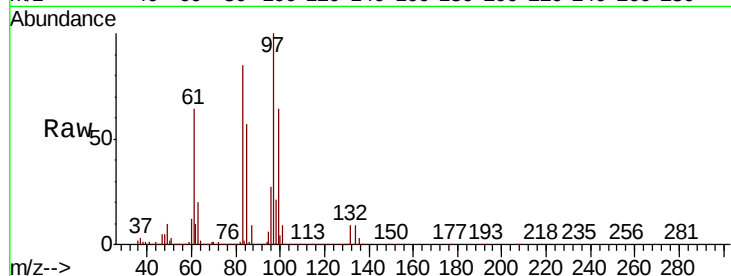




#55
 1,1,2-Trichloroethane
 Concen: 51.839 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018044.D
 Acq: 20 Aug 2020 20:08

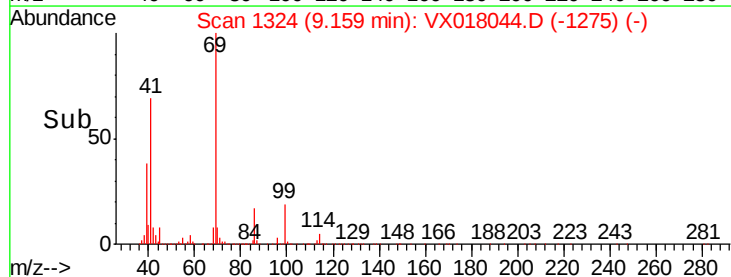
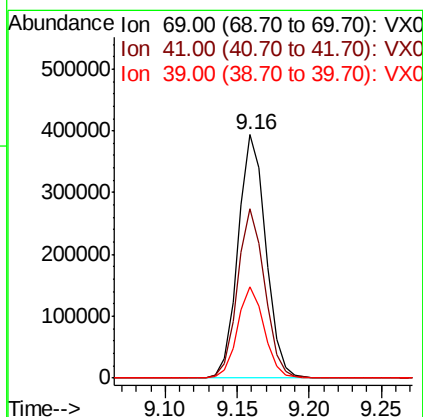
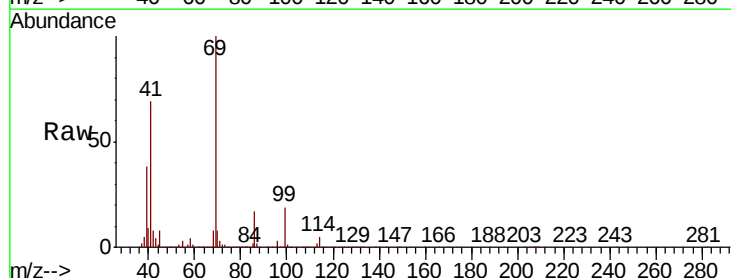
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

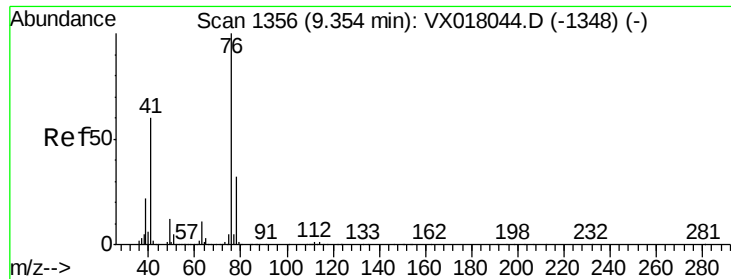
Tot Ion:	97	Resp:	344894
Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.8	101.6
85	56.6	45.3	67.9
99	63.6	50.9	76.3



#56
 Ethyl methacrylate
 Concen: 49.353 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018044.D
 Acq: 20 Aug 2020 20:08

Tgt Ion:	69	Resp:	528420
Ion	Ratio	Lower	Upper
69	100		
41	68.2	54.6	81.8
39	36.4	29.1	43.7





#57

1,3-Dichloropropane

Concen: 49.573 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

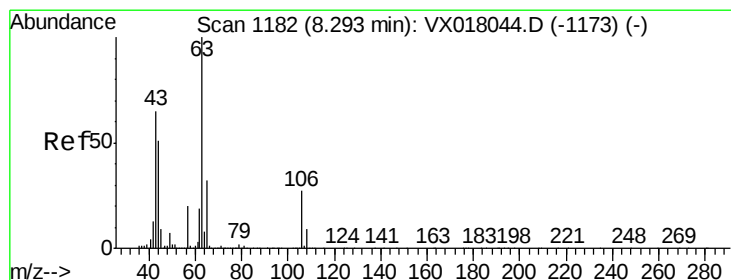
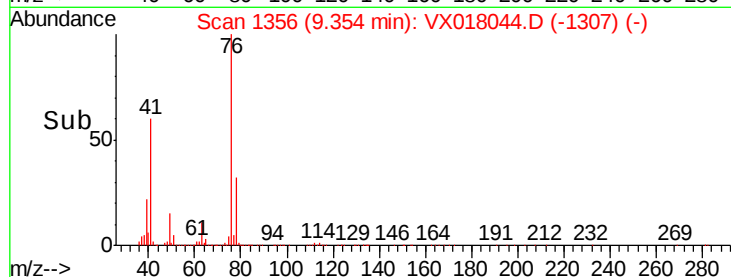
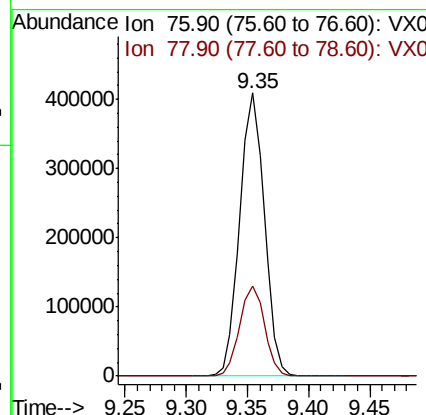
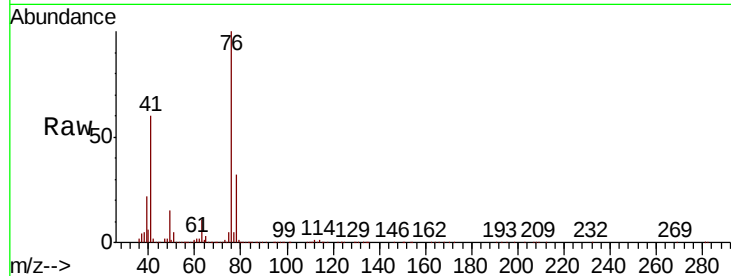
VSTDICCC050

Tot Ion: 76 Resp: 571346

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 208.387 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018044.D

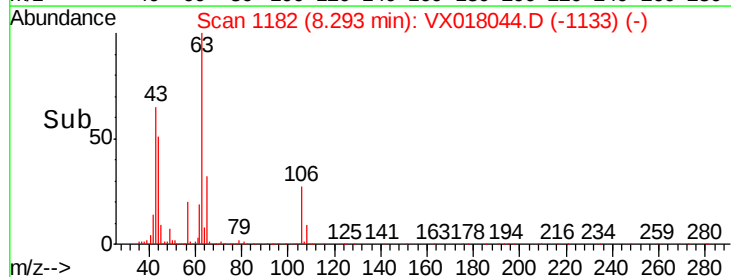
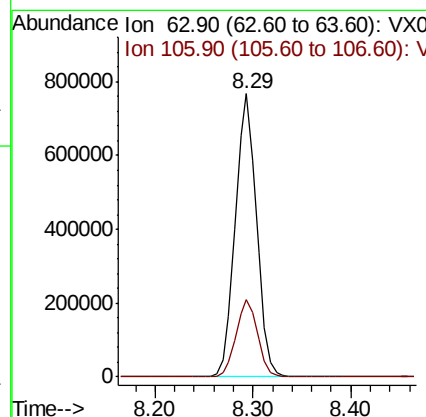
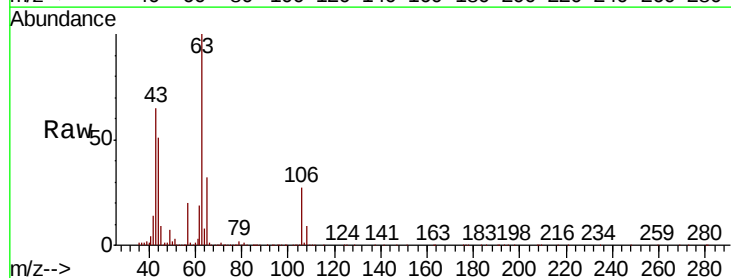
Acq: 20 Aug 2020 20:08

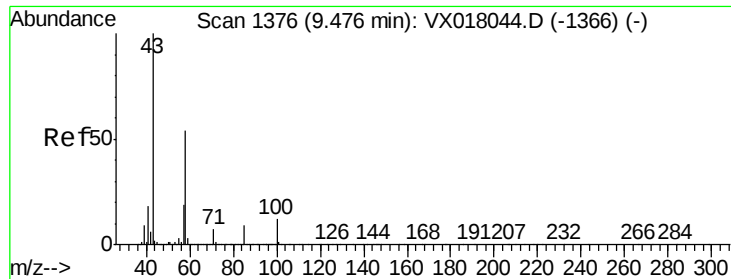
Tgt Ion: 63 Resp: 1156981

Ion Ratio Lower Upper

63 100

106 27.6 22.1 33.1

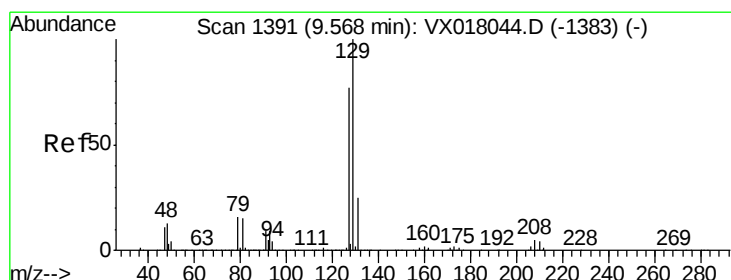
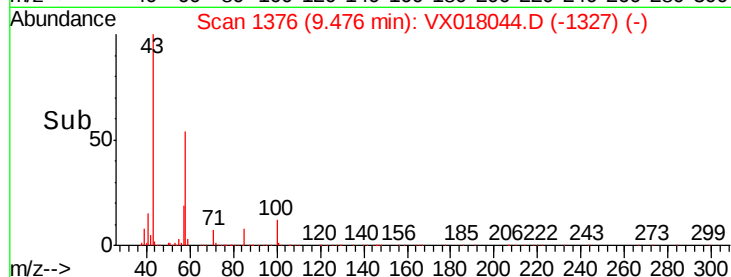
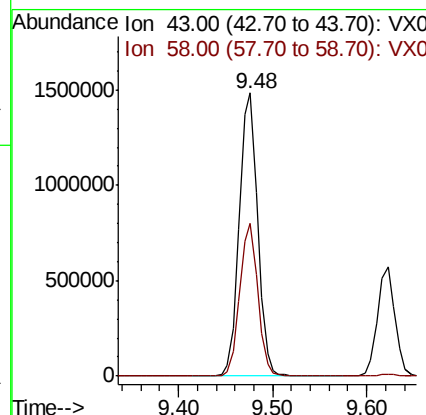
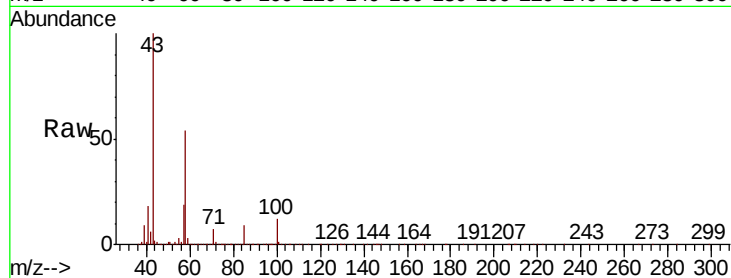




#59
2-Hexanone
Concen: 246.796 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

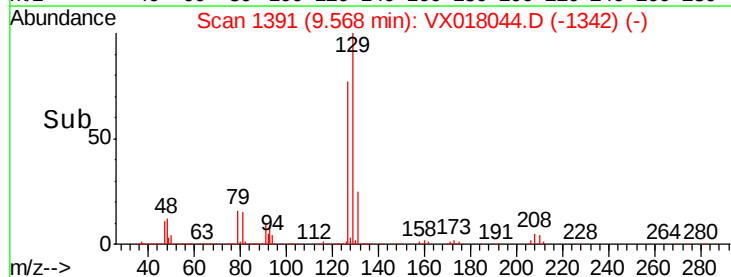
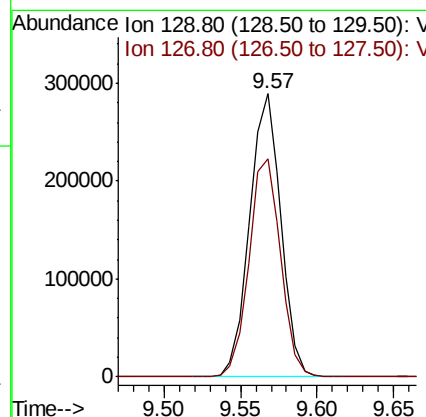
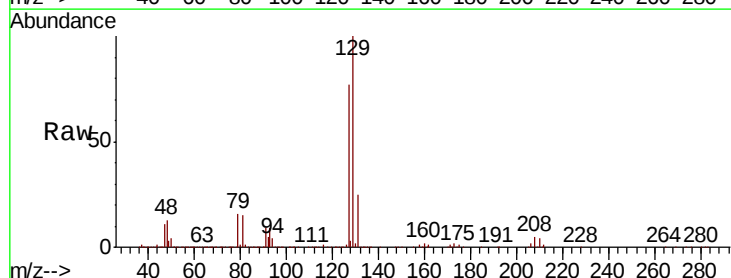
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

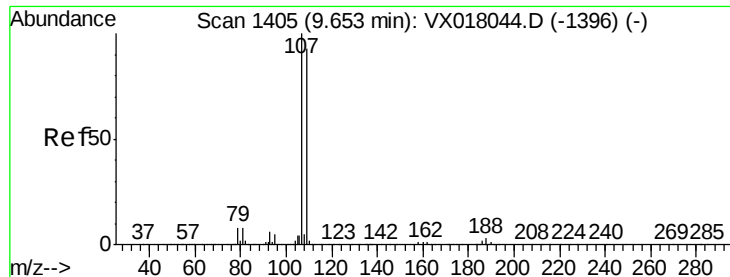
Tot Ion: 43 Resp: 2007628
Ion Ratio Lower Upper
43 100
58 53.1 26.6 79.7



#60
Dibromochloromethane
Concen: 55.417 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion:129 Resp: 410143
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 52.159 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

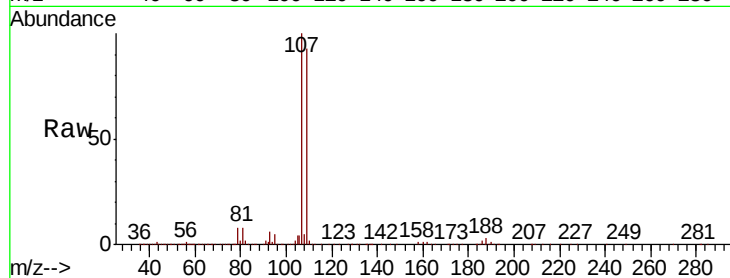
VSTDICCC050

Tot Ion: 107 Resp: 375363

Ion Ratio Lower Upper

107 100

109 94.9 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

250000

200000

150000

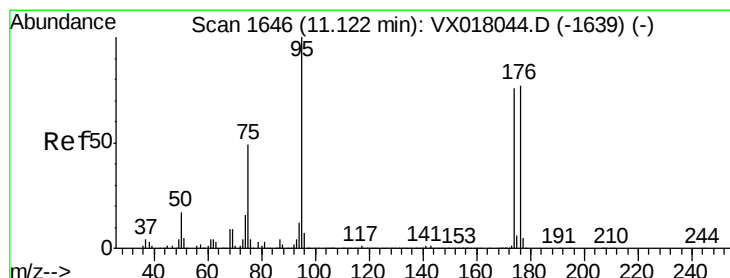
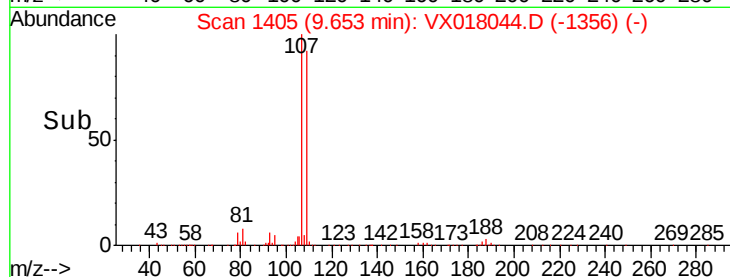
100000

50000

0

Time-->

9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 51.905 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

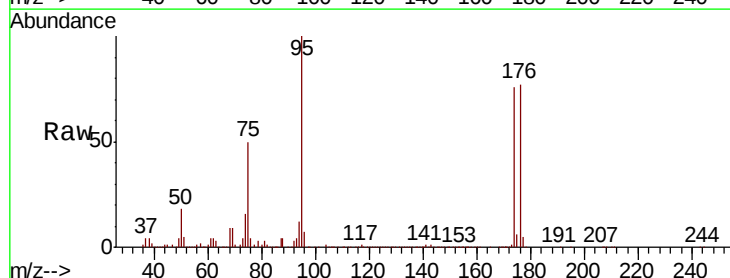
Tgt Ion: 95 Resp: 460787

Ion Ratio Lower Upper

95 100

174 80.1 0.0 160.2

176 77.9 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

500000

400000

300000

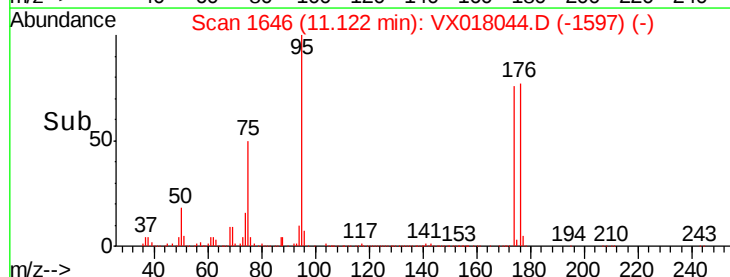
200000

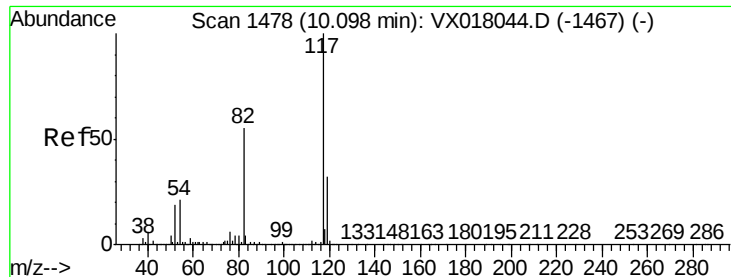
100000

0

Time-->

11.10 11.20

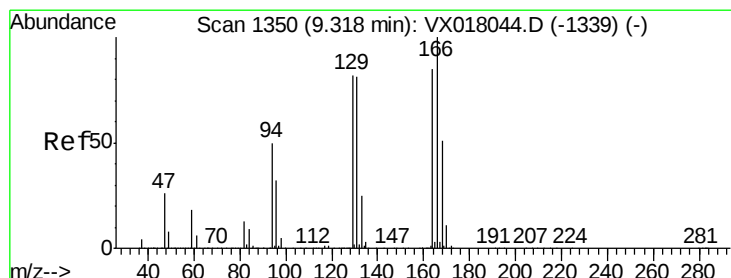
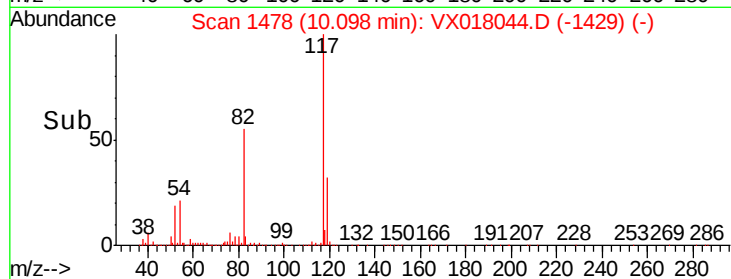
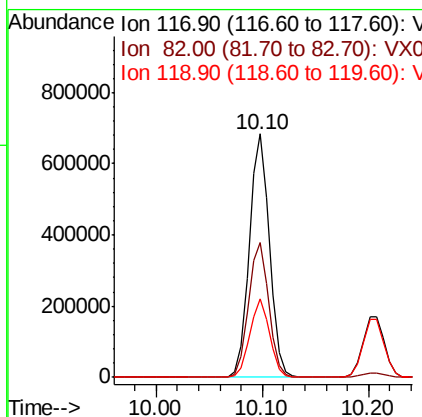
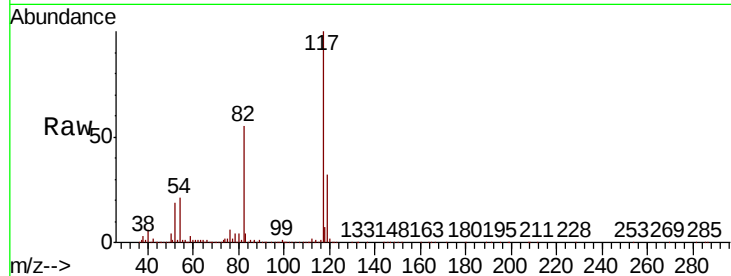




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

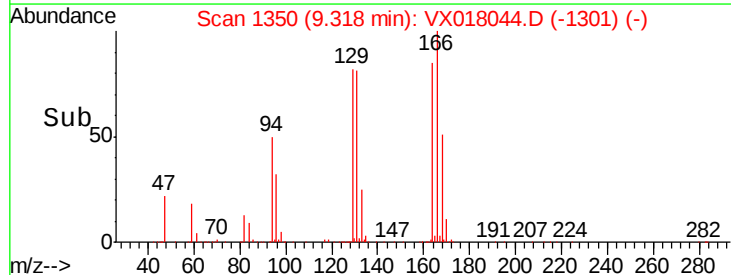
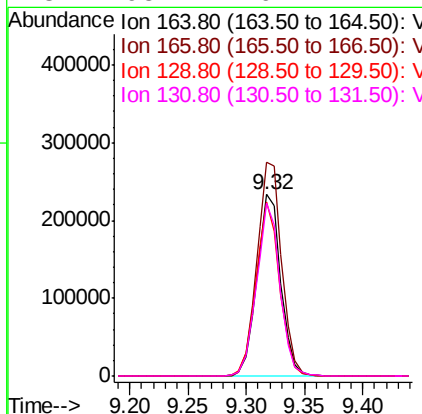
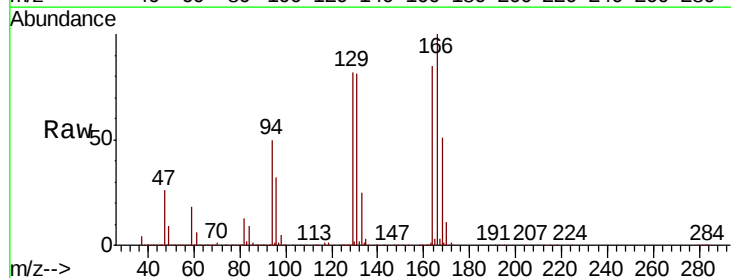
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

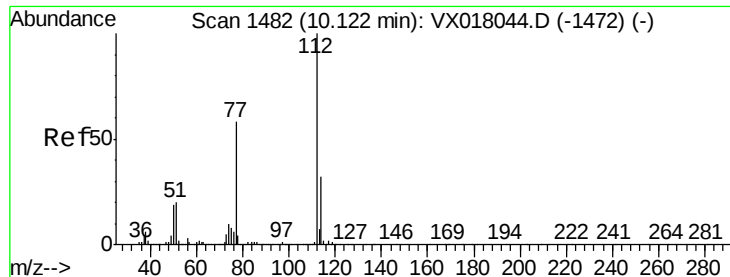
Tot Ion:117 Resp: 905703
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 32.1 25.7 38.5



#64
Tetrachloroethene
Concen: 32.107 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion:164 Resp: 334643
Ion Ratio Lower Upper
164 100
166 117.7 94.2 141.2
129 96.1 76.9 115.3
131 95.1 76.1 114.1





#65

Chlorobenzene

Concen: 48.451 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

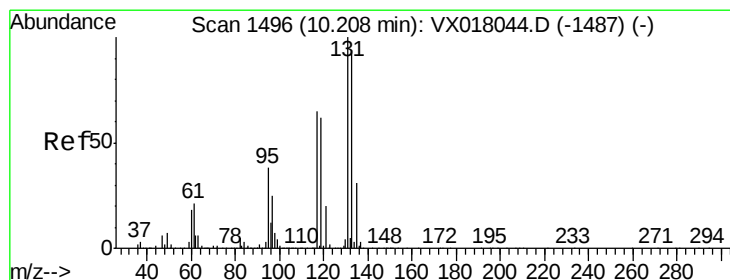
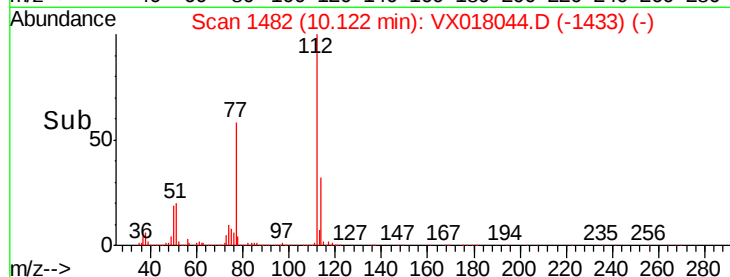
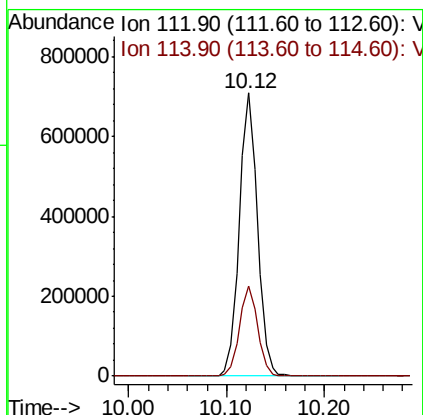
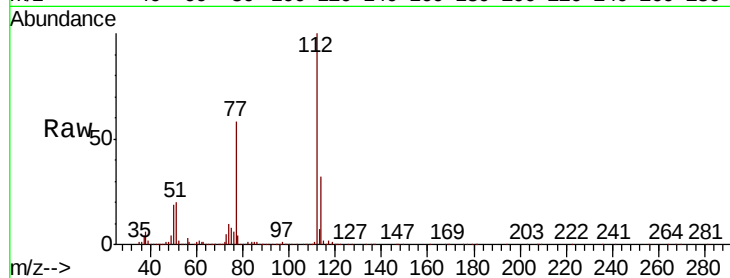
VSTDICCC050

Tot Ion:112 Resp: 914834

Ion Ratio Lower Upper

112 100

114 32.1 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 51.732 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

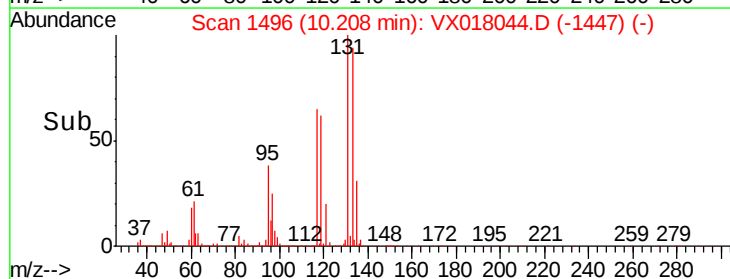
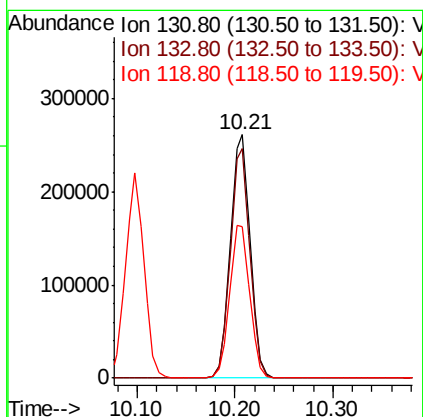
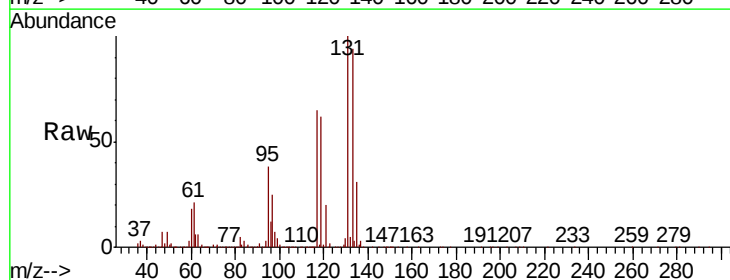
Tgt Ion:131 Resp: 364493

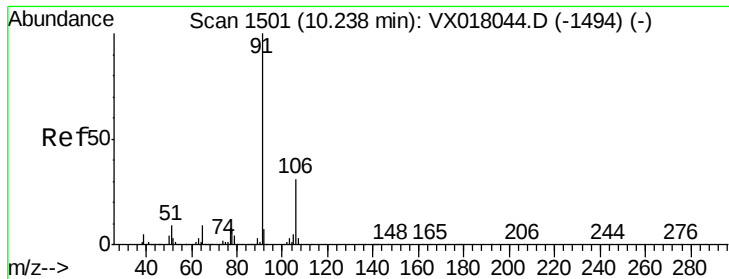
Ion Ratio Lower Upper

131 100

133 93.4 46.7 140.1

119 63.6 31.8 95.4





#67

Ethyl Benzene

Concen: 47.791 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

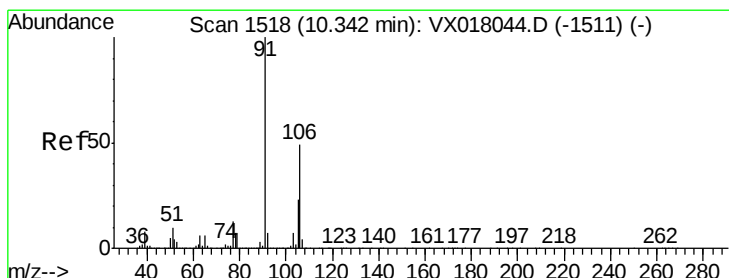
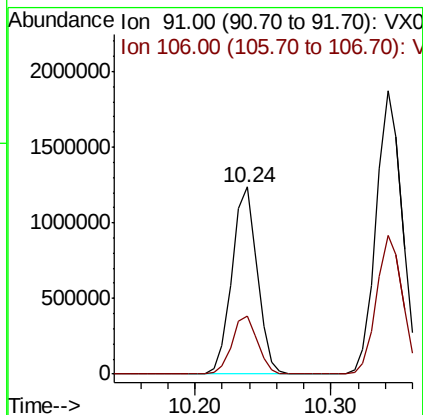
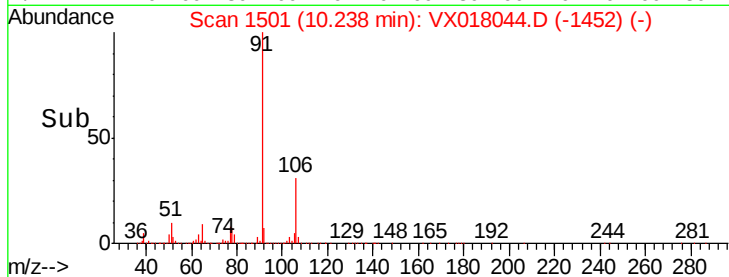
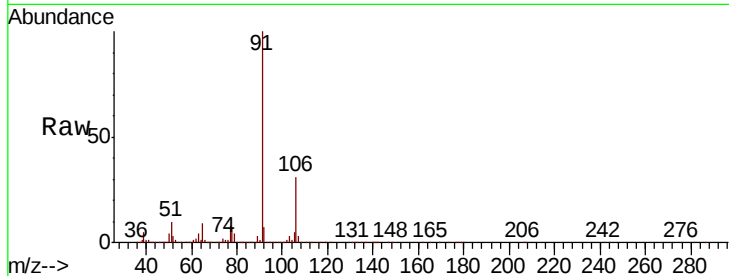
VSTDICCC050

Tot Ion: 91 Resp: 1600649

Ion Ratio Lower Upper

91 100

106 31.1 24.9 37.3



#68

m/p-Xylenes

Concen: 97.304 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018044.D

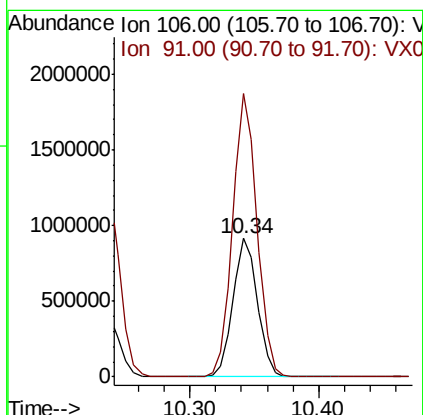
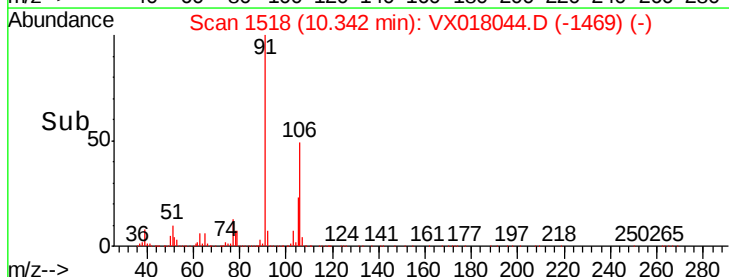
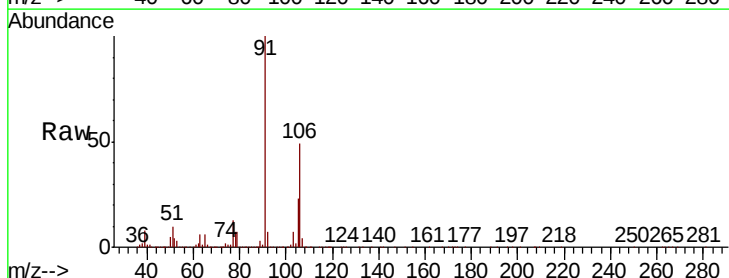
Acq: 20 Aug 2020 20:08

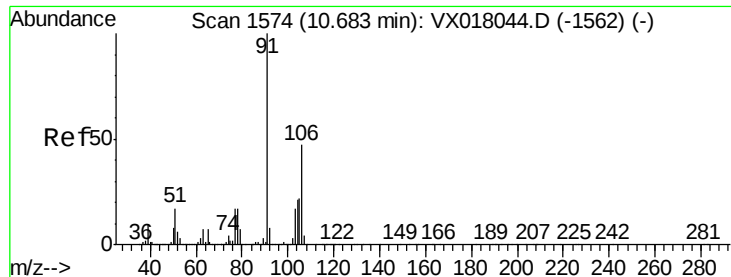
Tgt Ion:106 Resp: 1221435

Ion Ratio Lower Upper

106 100

91 202.7 162.2 243.2

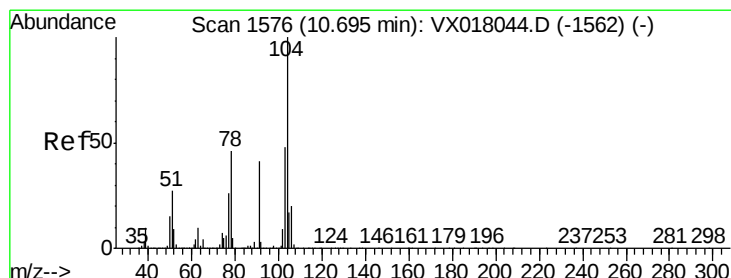
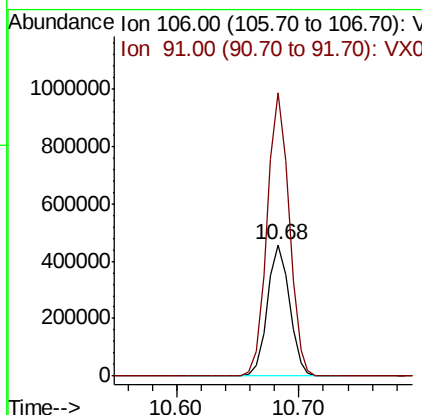
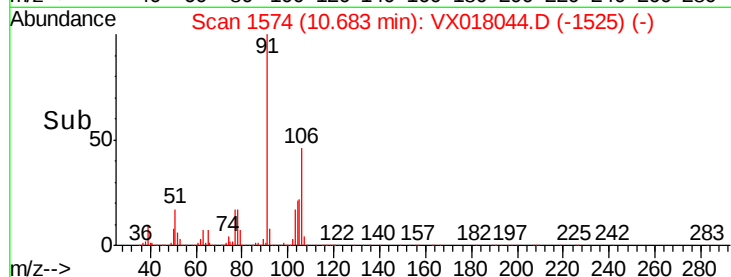
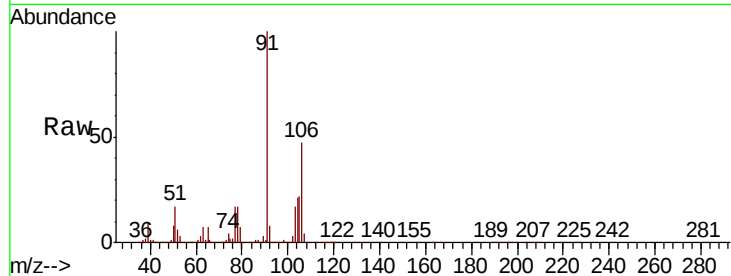




#69
o-Xylene
Concen: 48.008 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

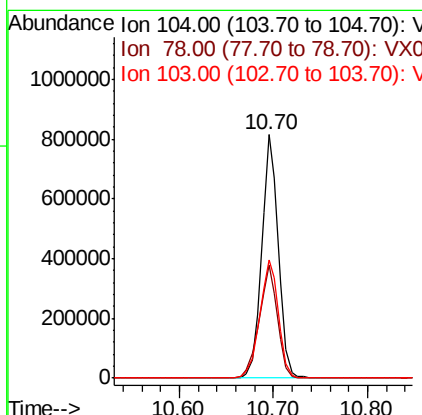
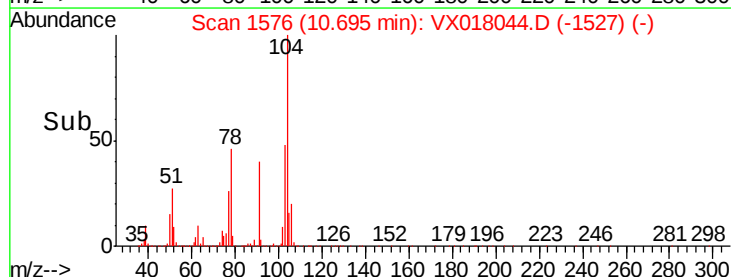
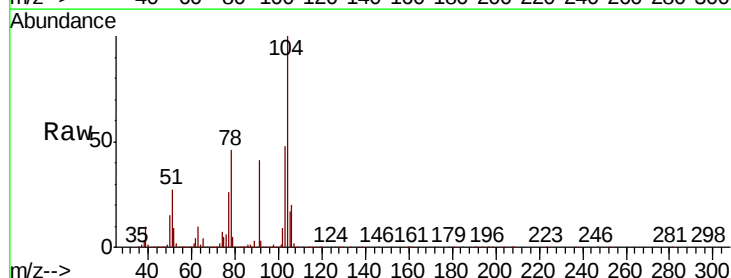
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

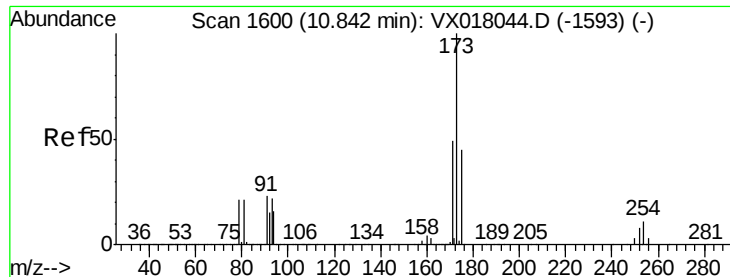
Tot Ion:106 Resp: 578209
Ion Ratio Lower Upper
106 100
91 214.2 107.1 321.3



#70
Styrene
Concen: 49.578 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion:104 Resp: 1016235
Ion Ratio Lower Upper
104 100
78 51.1 40.9 61.3
103 54.5 43.6 65.4





#71

Bromoform

Concen: 54.749 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

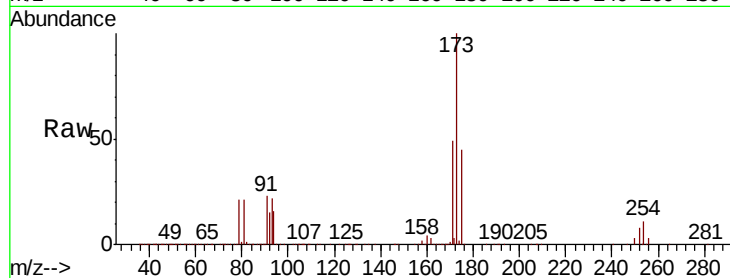
Tot Ion:173 Resp: 315675

Ion Ratio Lower Upper

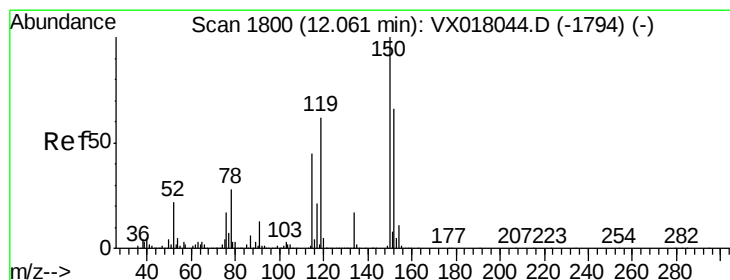
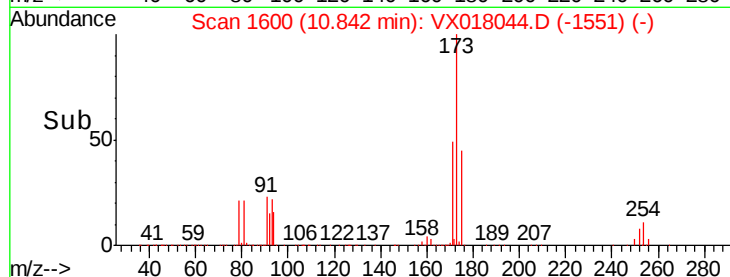
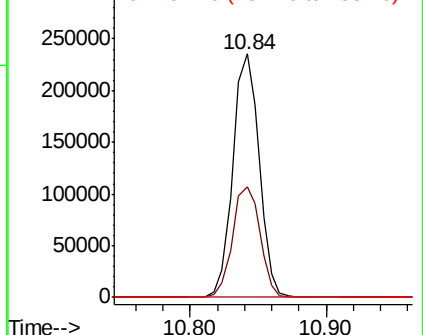
173 100

175 47.9 23.9 71.8

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

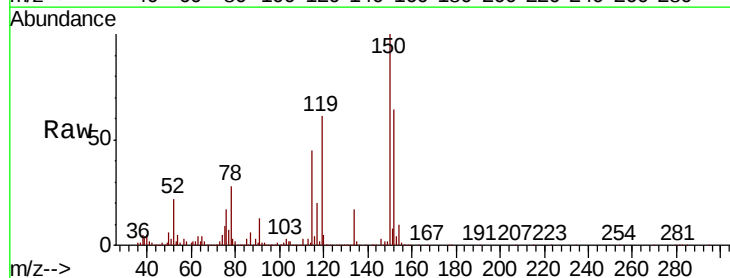
Tgt Ion:152 Resp: 456547

Ion Ratio Lower Upper

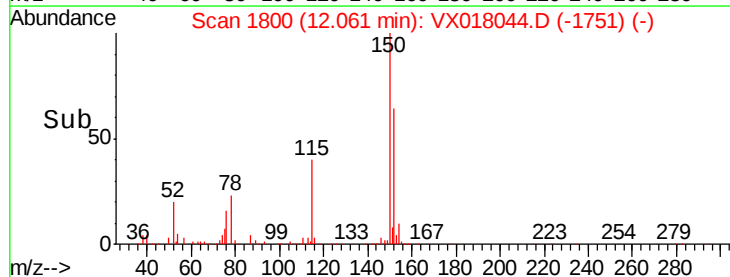
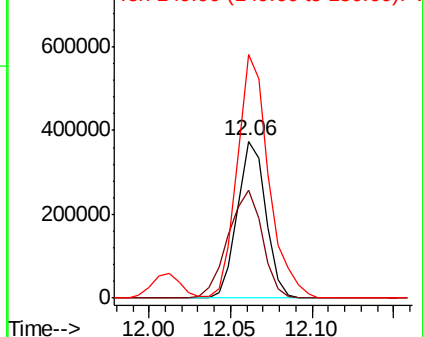
152 100

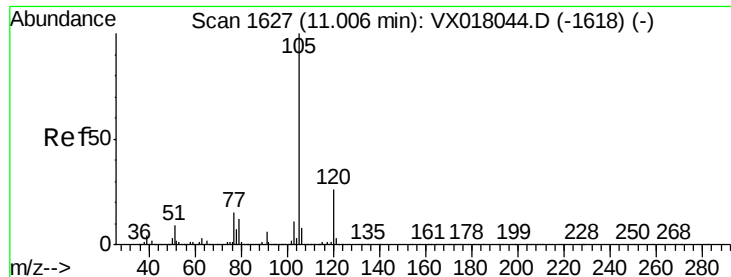
115 83.0 41.5 124.5

150 171.9 0.0 343.8



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: 47.866 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

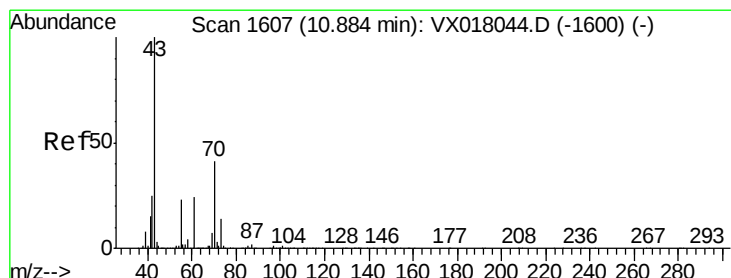
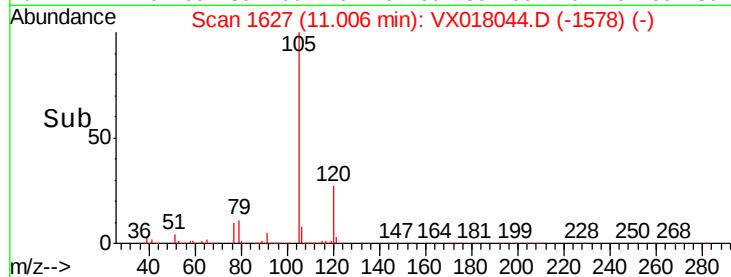
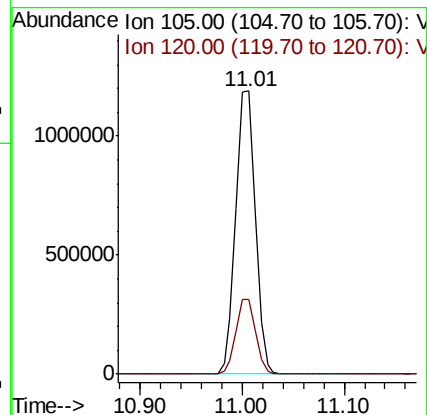
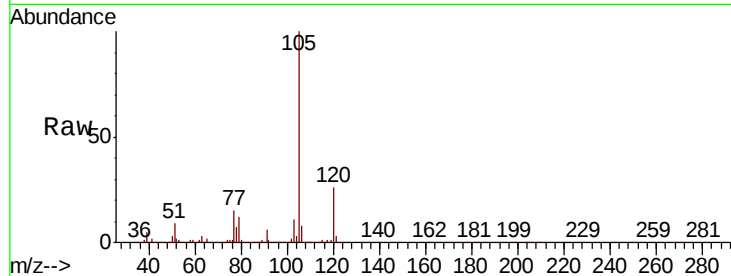
VSTDICCC050

Tot Ion: 105 Resp: 1574584

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5



#74

N-ethyl acetate

Concen: 49.610 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Tgt Ion: 43 Resp: 766107

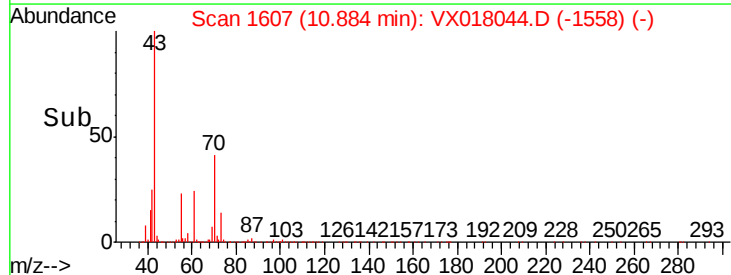
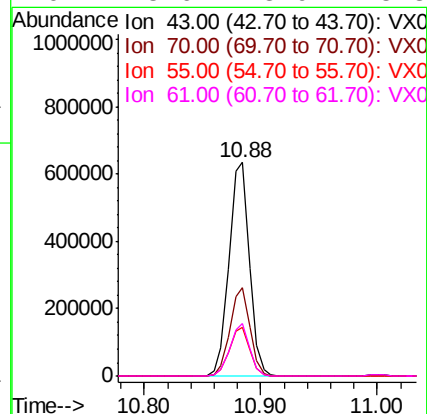
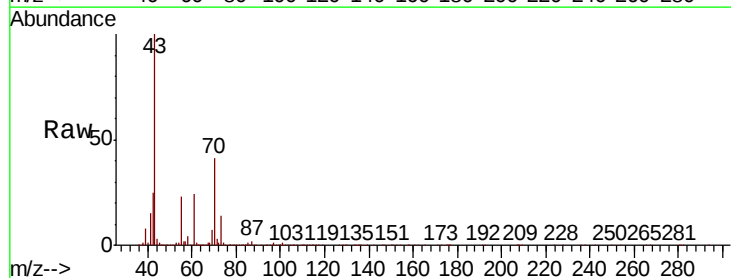
Ion Ratio Lower Upper

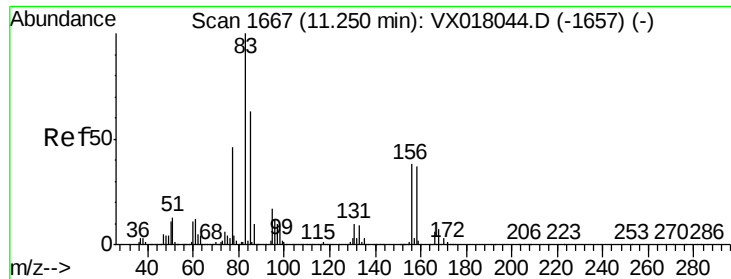
43 100

70 40.4 32.3 48.5

55 22.7 18.2 27.2

61 23.6 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 79.286 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

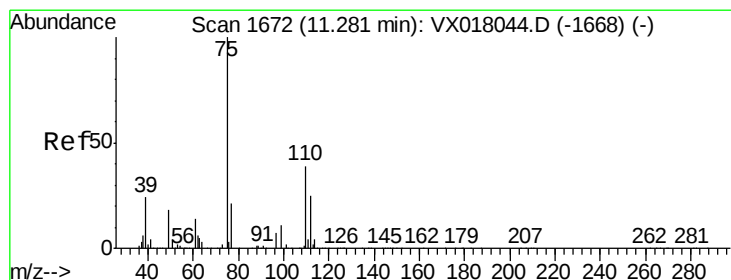
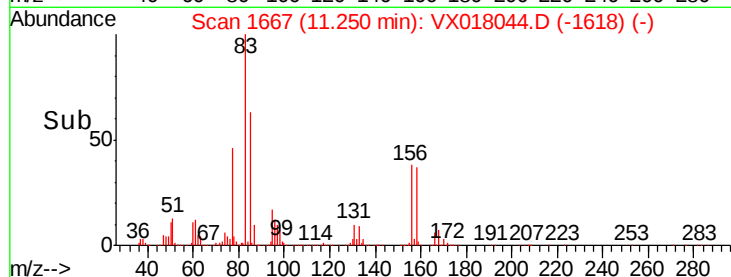
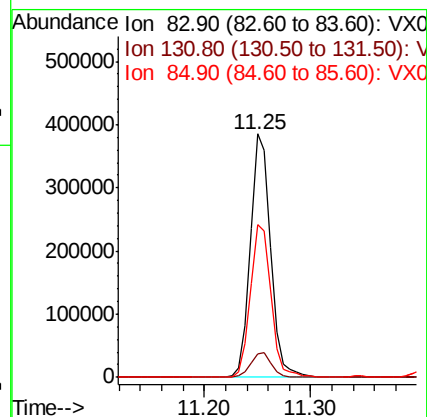
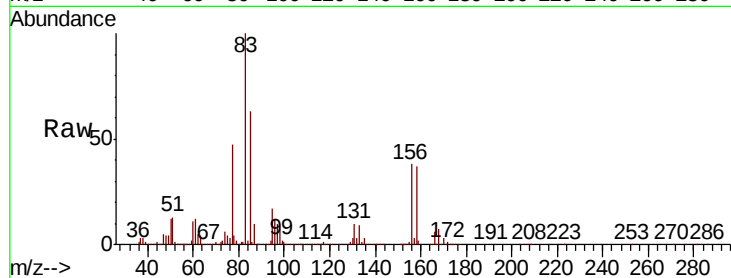
Tot Ion: 83 Resp: 514839

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

85 64.4 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 63.303 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018044.D

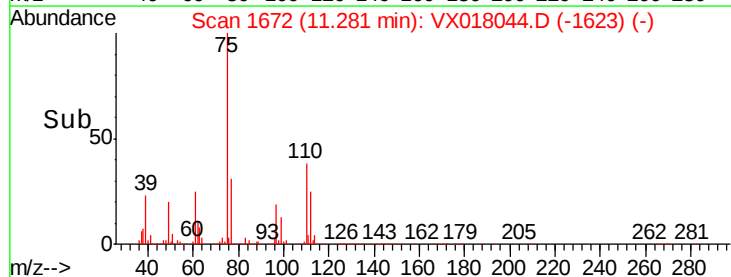
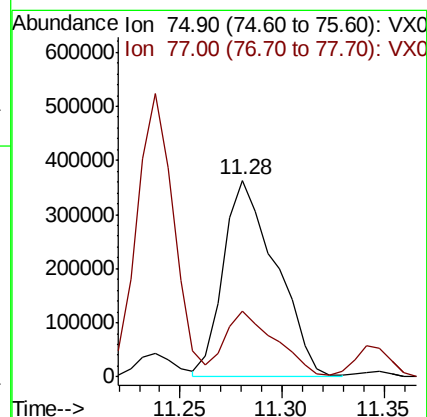
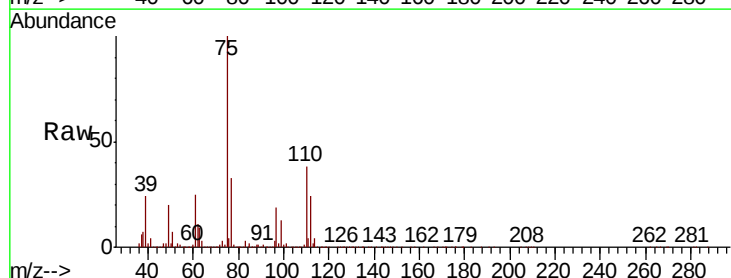
Acq: 20 Aug 2020 20:08

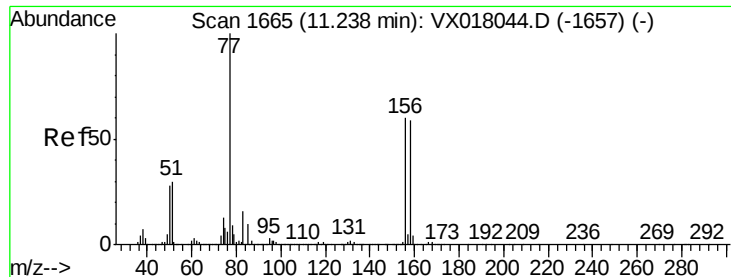
Tgt Ion: 75 Resp: 651393

Ion Ratio Lower Upper

75 100

77 31.9 20.8 62.2





#77

Bromobenzene

Concen: 48.009 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

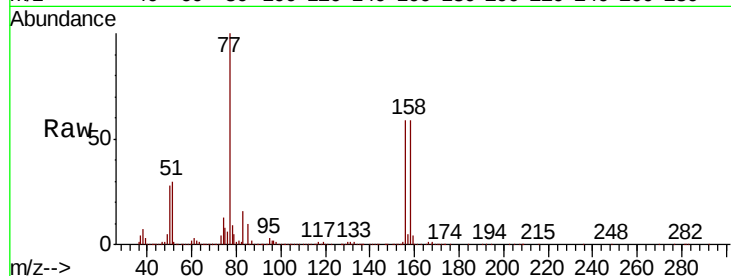
Tot Ion:156 Resp: 410625

Ion Ratio Lower Upper

156 100

77 160.1 80.0 240.2

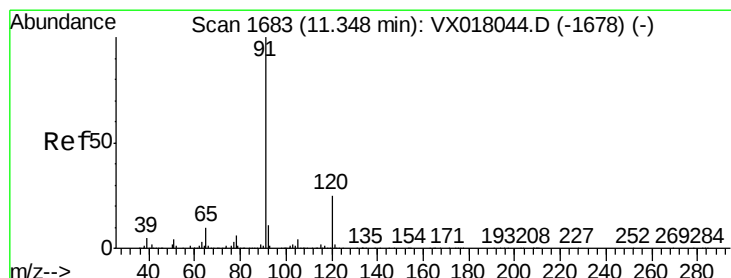
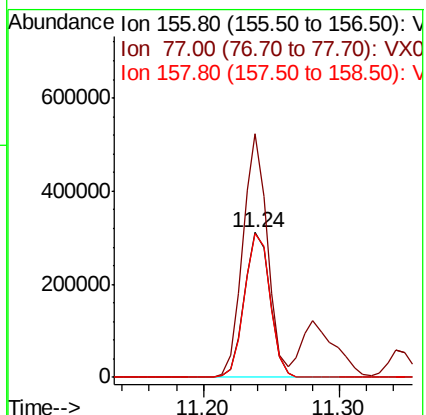
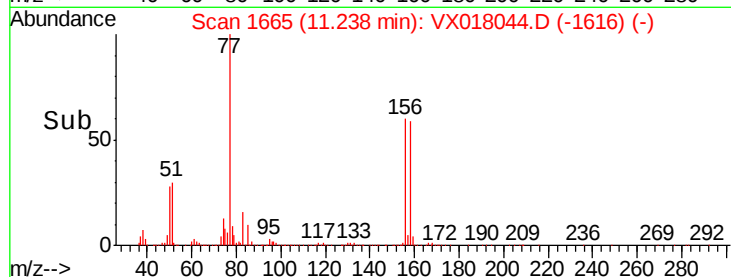
158 99.1 49.5 148.7



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: 46.503 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX018044.D

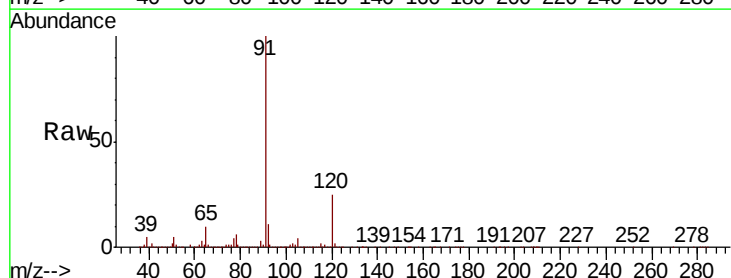
Acq: 20 Aug 2020 20:08

Tgt Ion: 91 Resp: 1775421

Ion Ratio Lower Upper

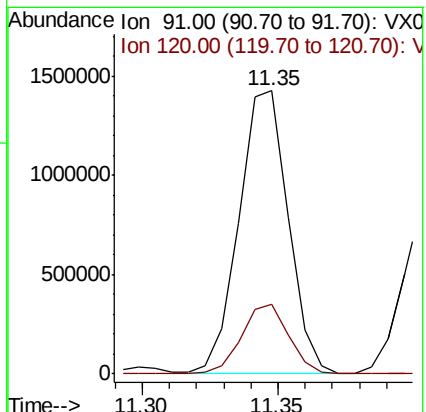
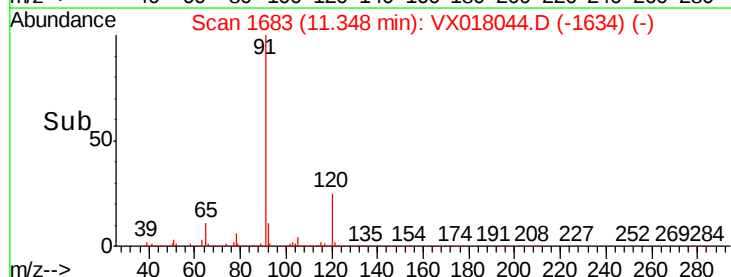
91 100

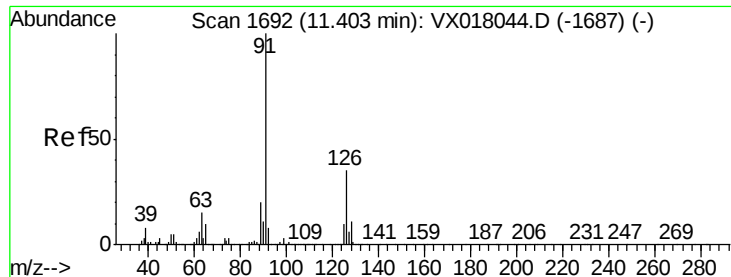
120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

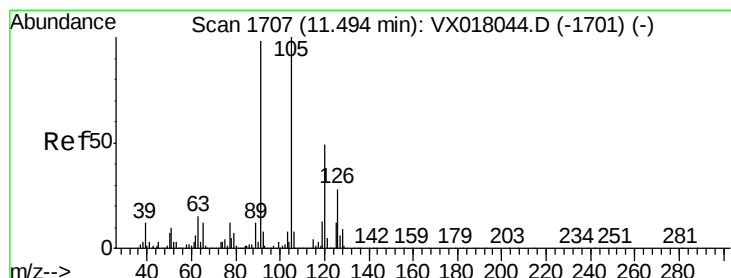
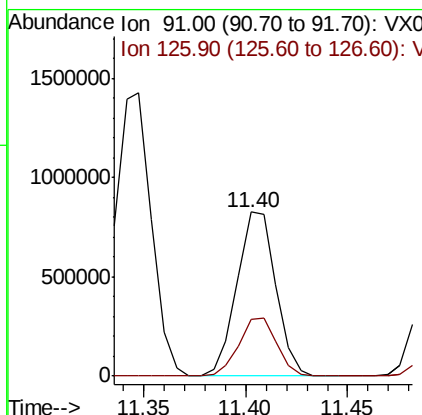
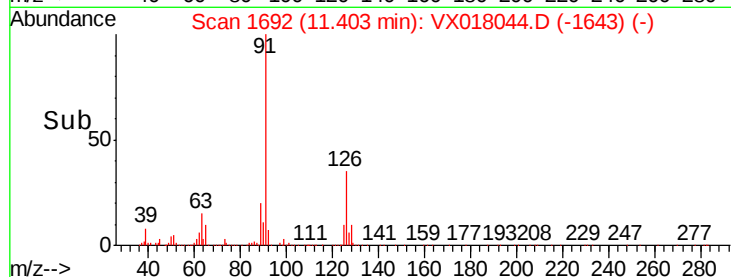
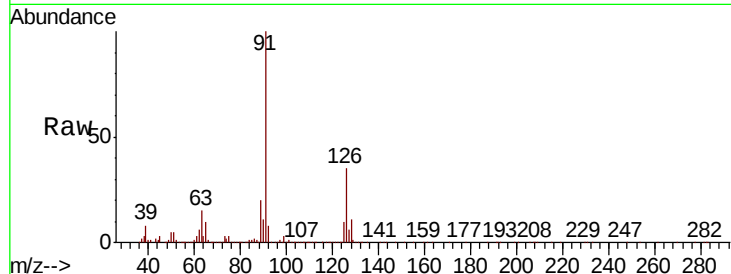




#79
2-Chlorotoluene
Concen: 48.018 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

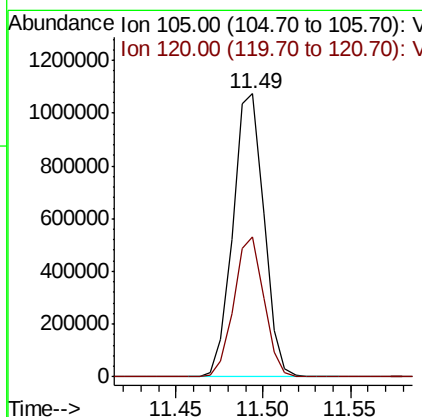
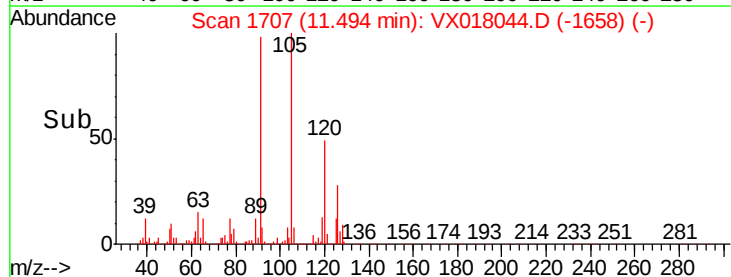
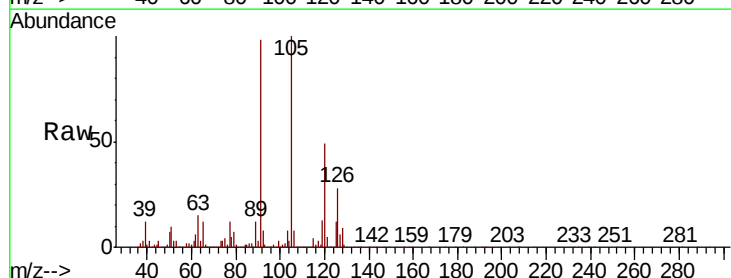
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

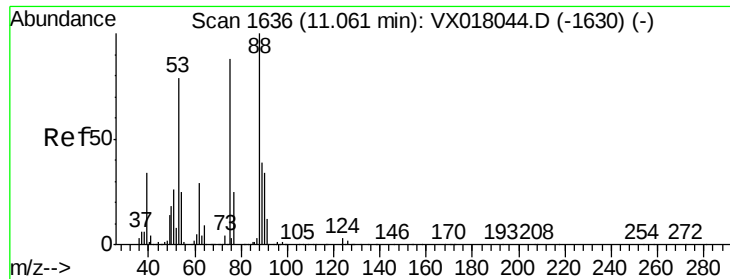
Tot Ion: 91 Resp: 1091093
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 47.729 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion: 105 Resp: 1326303
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 45.172 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

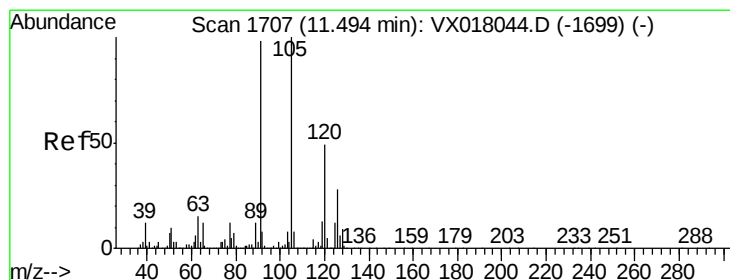
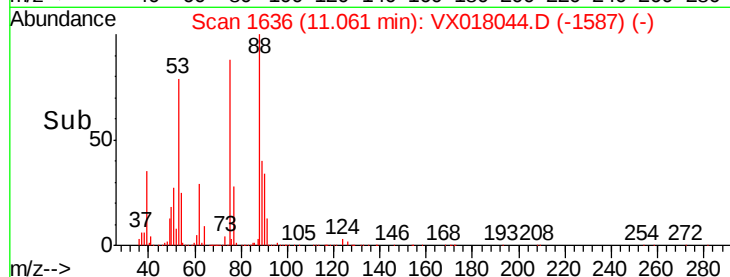
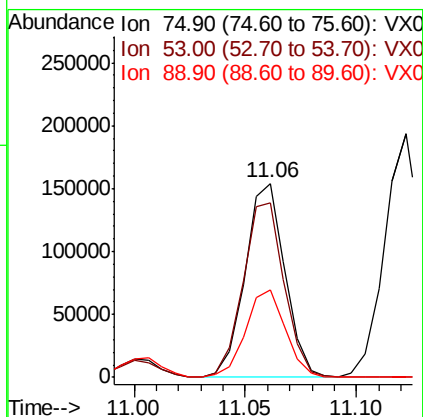
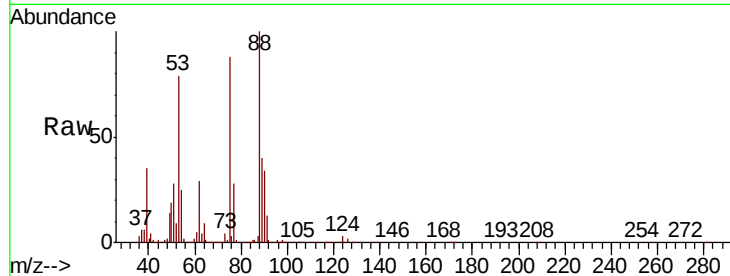
Tot Ion: 75 Resp: 190760

Ion Ratio Lower Upper

75 100

53 93.4 74.7 112.1

89 45.7 36.6 54.8



#82

4-Chlorotoluene

Concen: 47.991 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018044.D

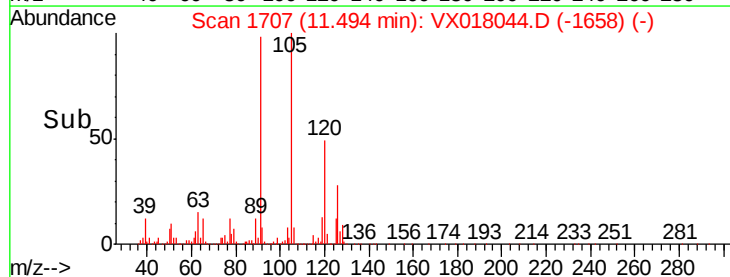
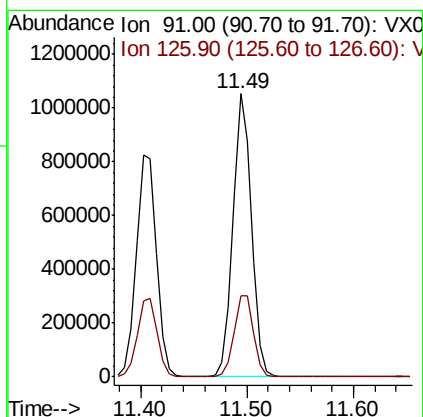
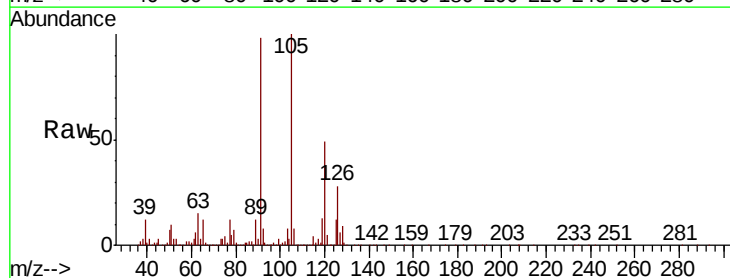
Acq: 20 Aug 2020 20:08

Tgt Ion: 91 Resp: 1285946

Ion Ratio Lower Upper

91 100

126 30.2 15.1 45.3





#83

tert-Butylbenzene

Concen: 52.132 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

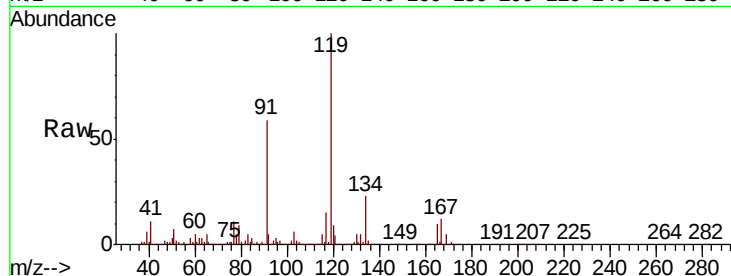
Tot Ion:119 Resp: 1273333

Ion Ratio Lower Upper

119 100

91 56.5 28.2 84.7

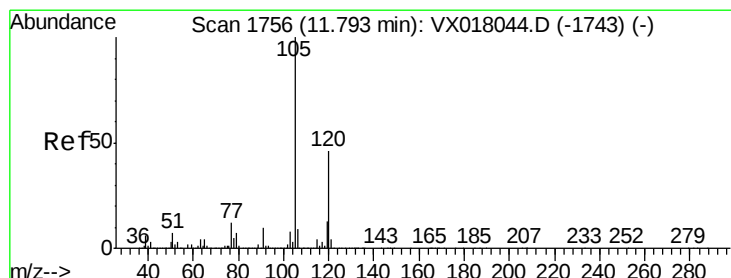
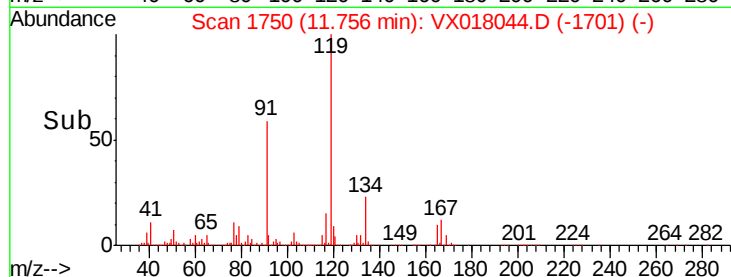
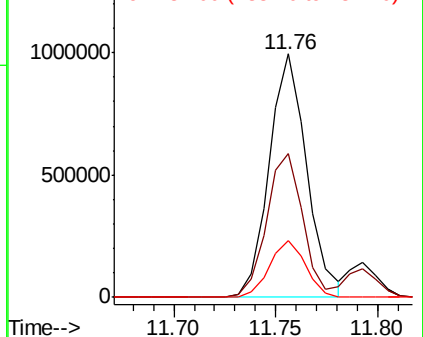
134 22.5 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 47.849 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX018044.D

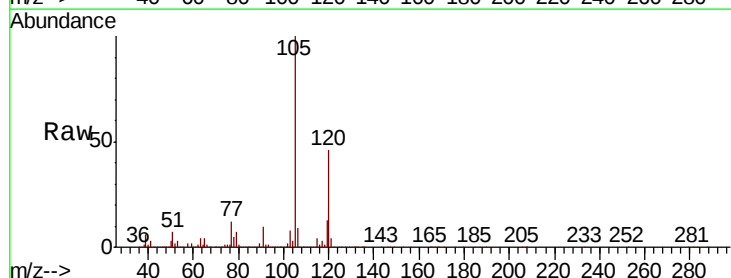
Acq: 20 Aug 2020 20:08

Tgt Ion:105 Resp: 1345486

Ion Ratio Lower Upper

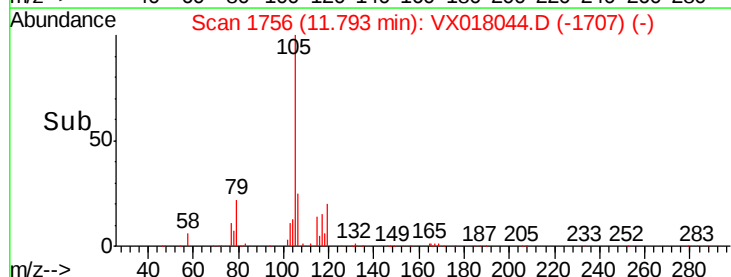
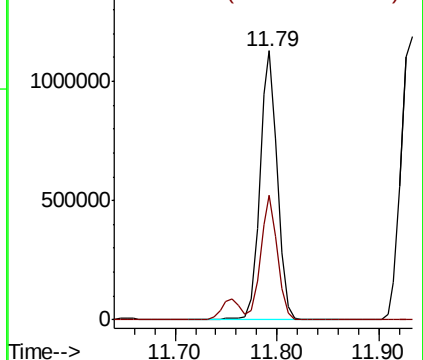
105 100

120 44.6 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

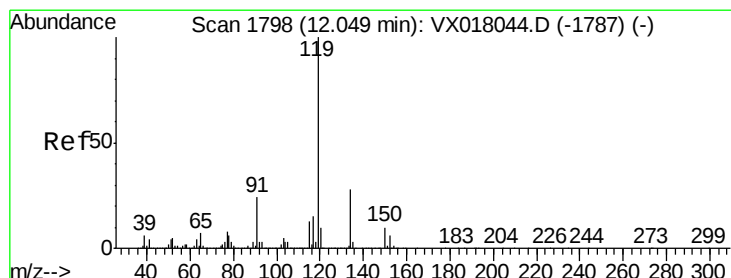
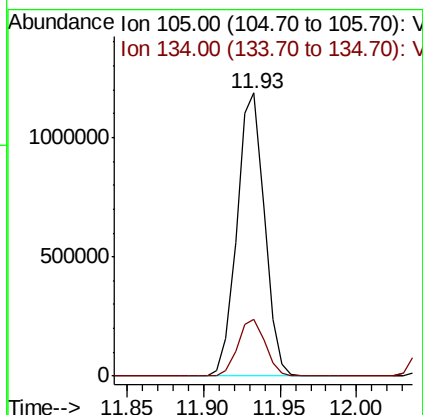
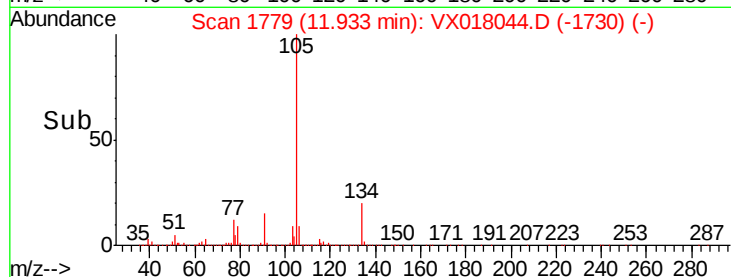
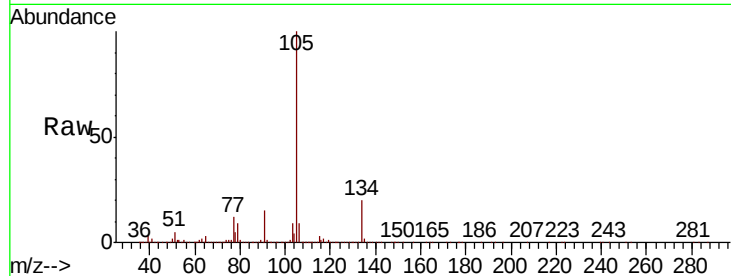




#85
 sec-Butylbenzene
 Concen: 45.865 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX018044.D
 Acq: 20 Aug 2020 20:08

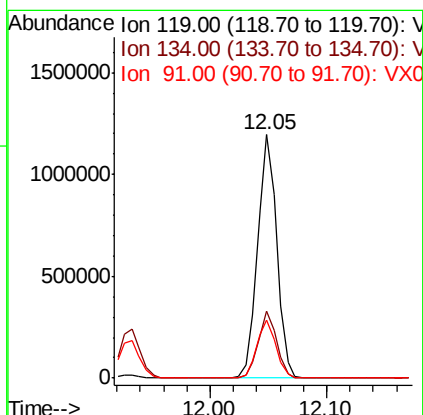
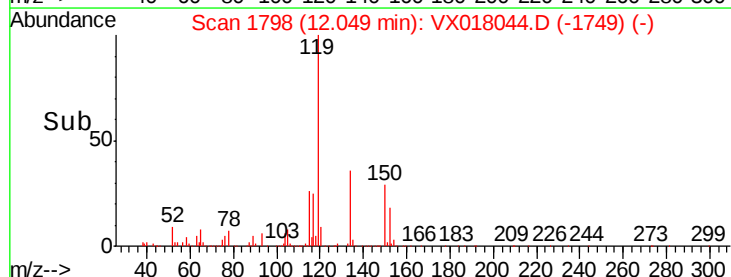
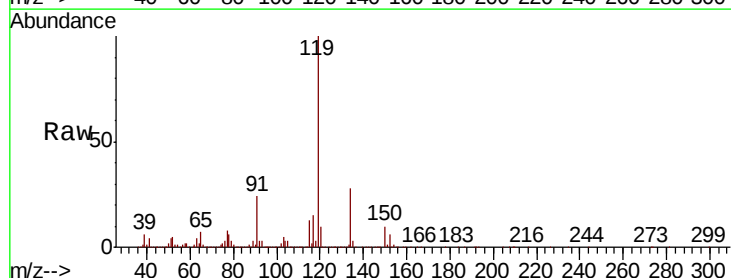
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

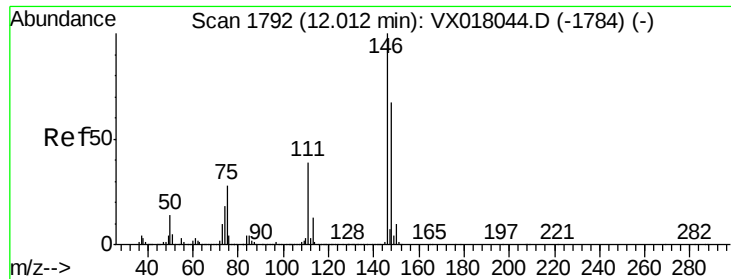
Tot Ion:105 Resp: 1473264
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 46.168 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018044.D
 Acq: 20 Aug 2020 20:08

Tgt Ion:119 Resp: 1376737
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 23.6 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 46.766 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

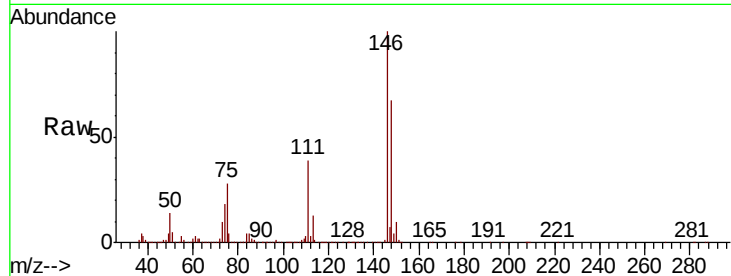
Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:146	Resp:	715497
Ion Ratio	Lower	Upper
146	100	
111	41.2	20.6 61.8
148	66.1	33.1 99.2

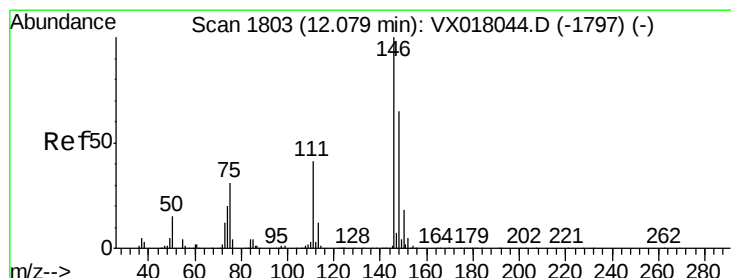
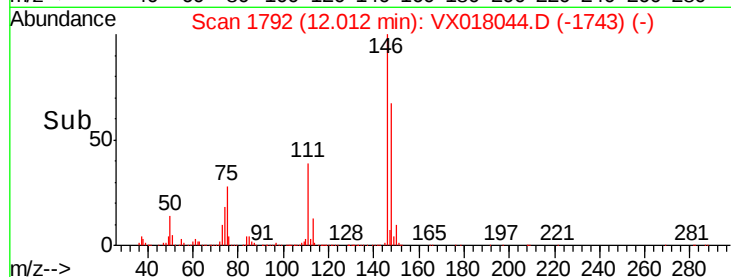
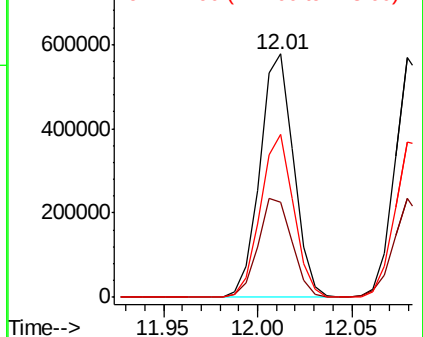


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 46.396 ug/l

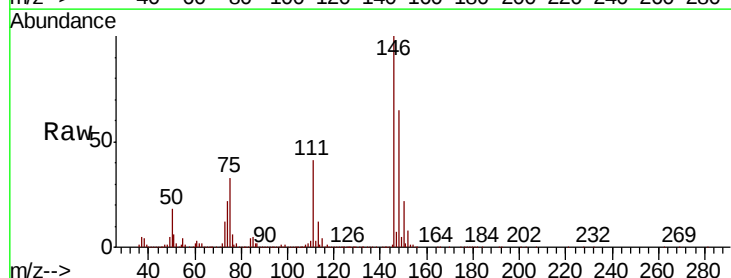
RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Tgt Ion:146	Resp:	719607
Ion Ratio	Lower	Upper
146	100	
111	40.5	20.3 60.8
148	66.1	33.1 99.2

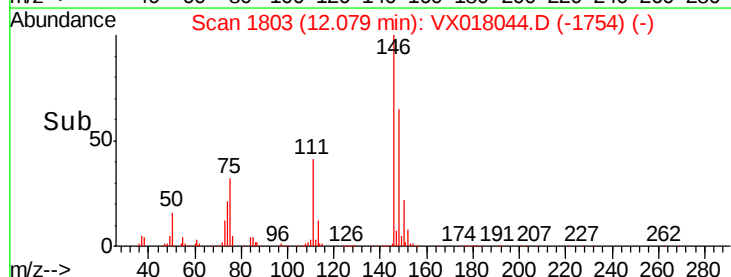
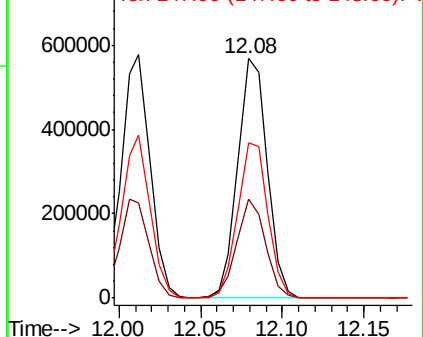


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

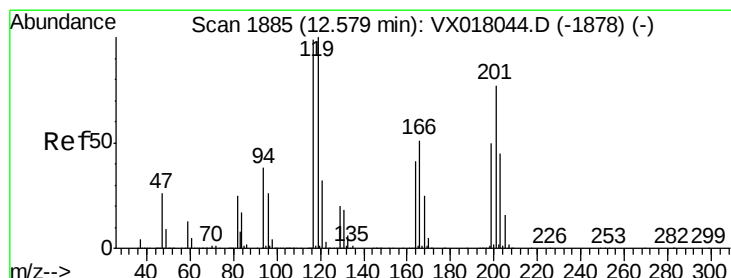
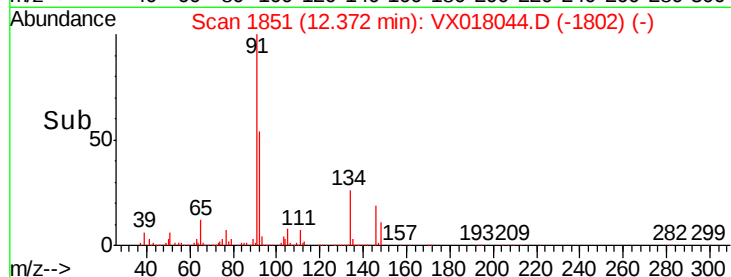
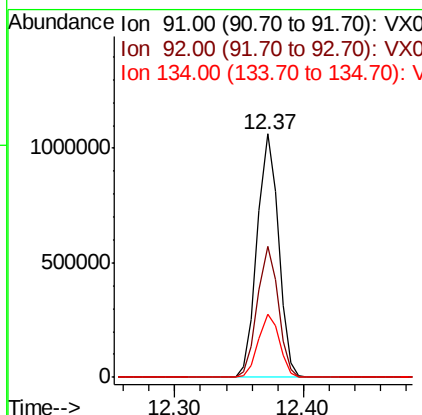
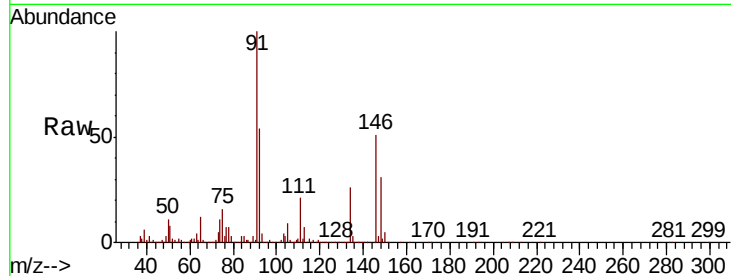




#89
n-Butylbenzene
Concen: 44.377 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

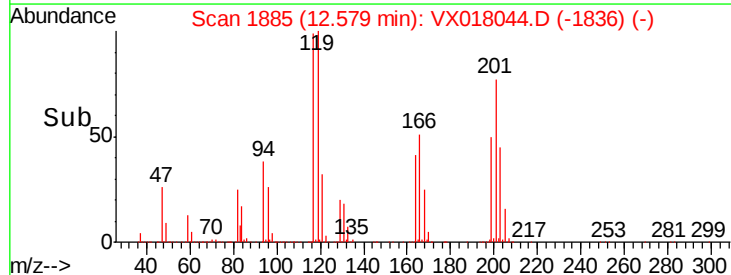
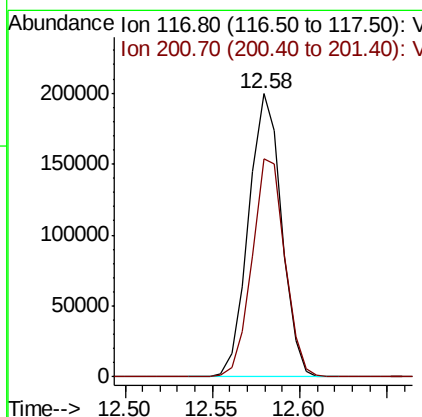
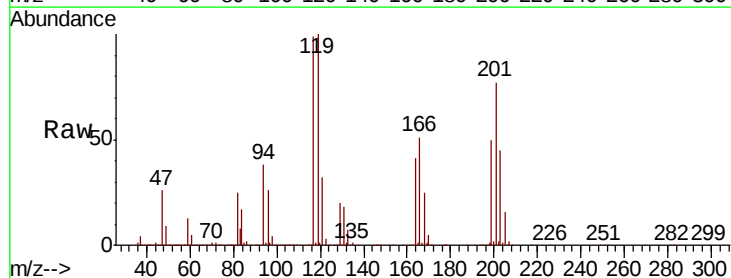
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

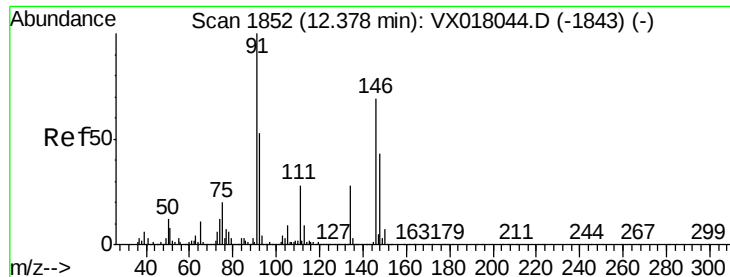
Tot Ion: 91 Resp: 1206499
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.2
134 25.8 12.9 38.7



#90
Hexachloroethane
Concen: 50.442 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018044.D
Acq: 20 Aug 2020 20:08

Tgt Ion: 117 Resp: 261863
Ion Ratio Lower Upper
117 100
201 76.9 38.5 115.3

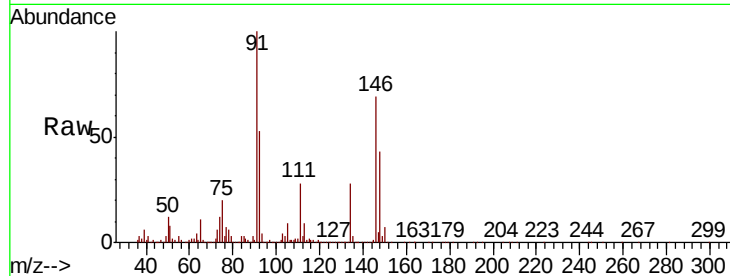




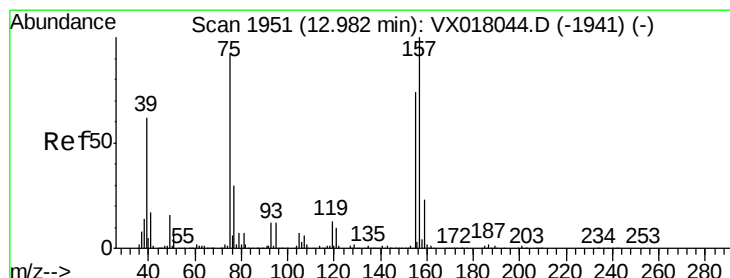
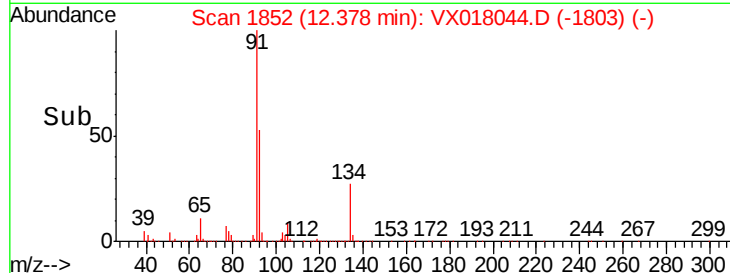
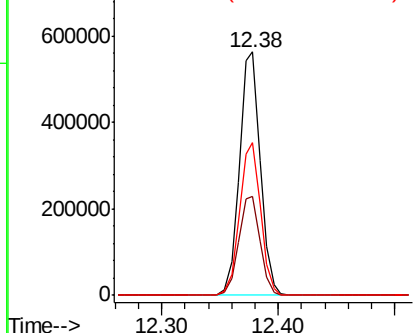
#91
 1,2-Dichlorobenzene
 Concen: 47.430 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018044.D
 Acq: 20 Aug 2020 20:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.8	62.5
148	63.3	31.6	95.0

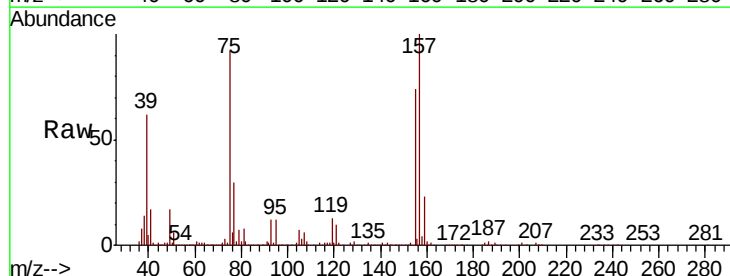


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

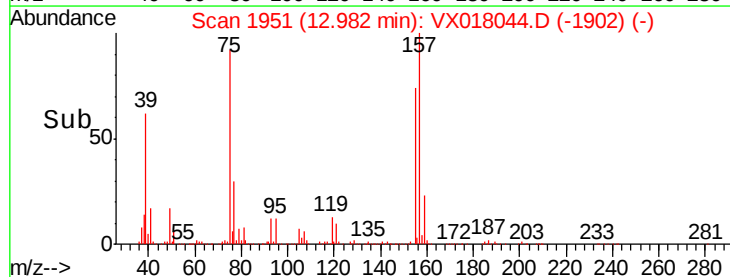
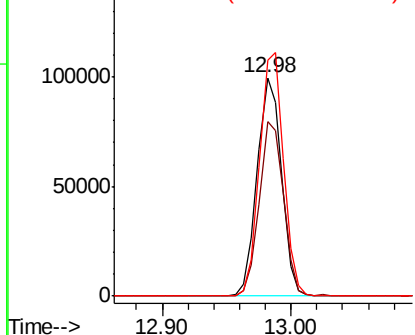


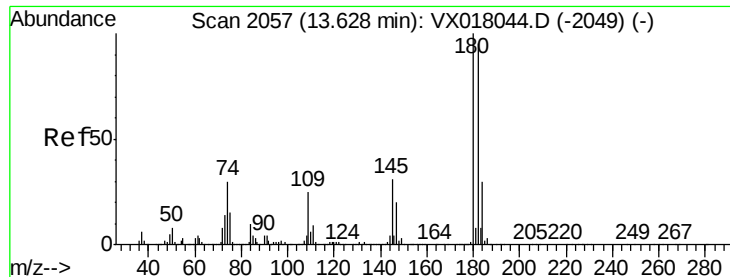
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.335 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018044.D
 Acq: 20 Aug 2020 20:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.4	40.2	120.6
157	110.1	55.0	165.2



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: 42.796 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

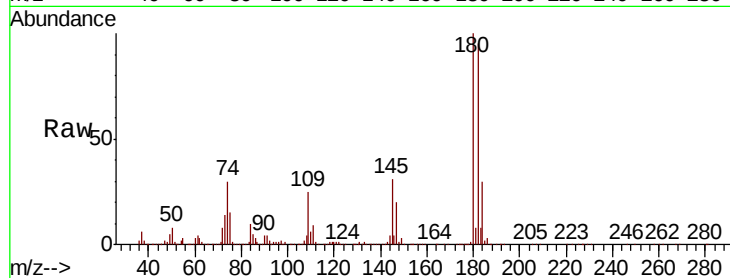
Tot Ion:180 Resp: 461784

Ion Ratio Lower Upper

180 100

182 95.1 47.5 142.6

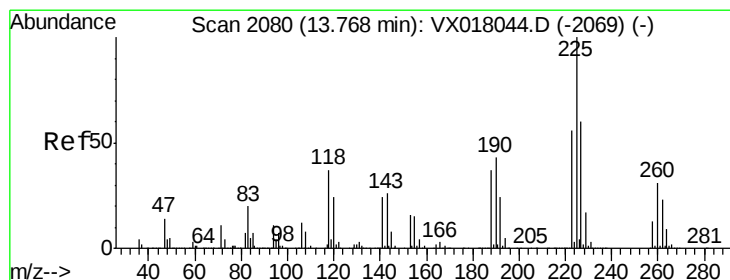
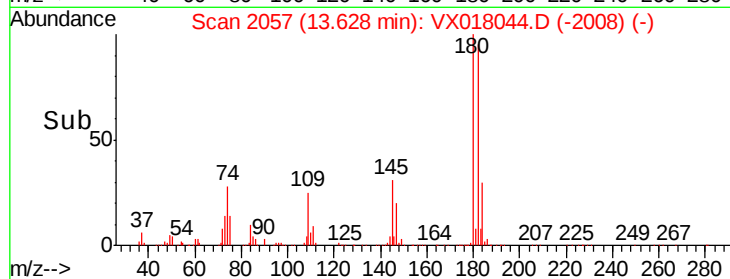
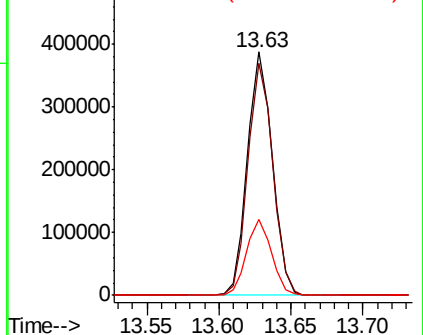
145 31.4 15.7 47.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 36.498 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

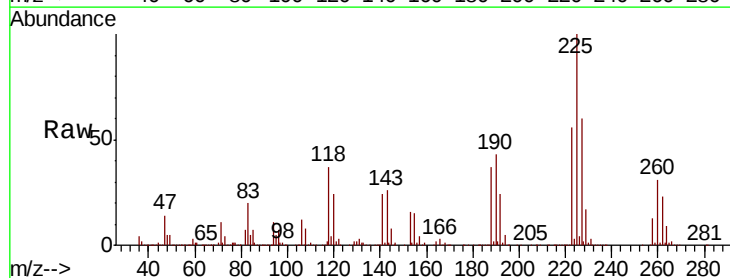
Tgt Ion:225 Resp: 178024

Ion Ratio Lower Upper

225 100

223 61.4 30.7 92.1

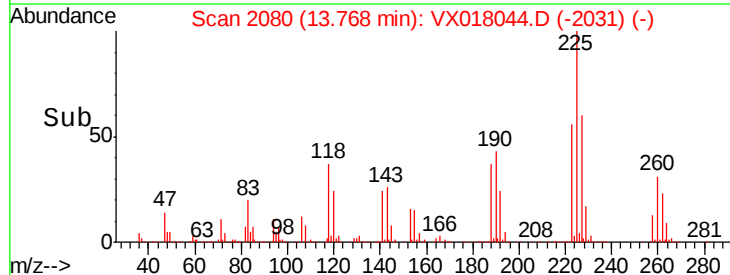
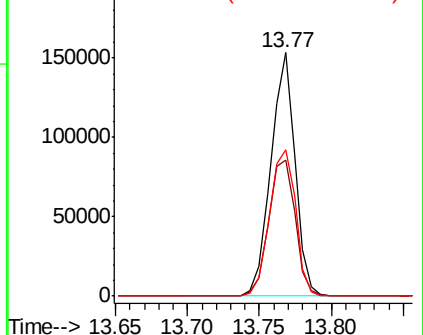
227 65.2 32.6 97.8

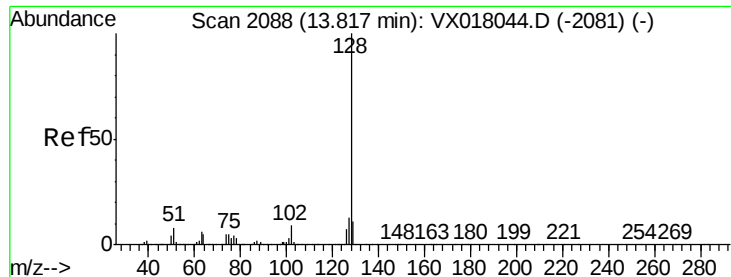


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 45.159 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

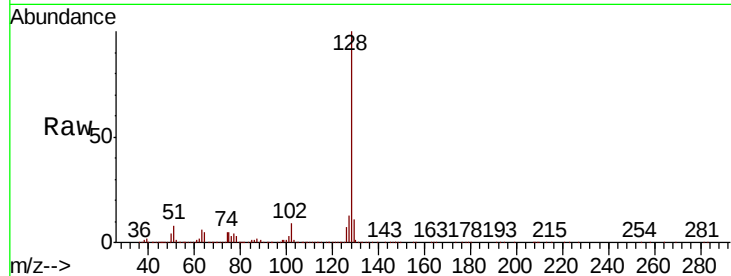
Tot Ion:128 Resp: 1578372

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

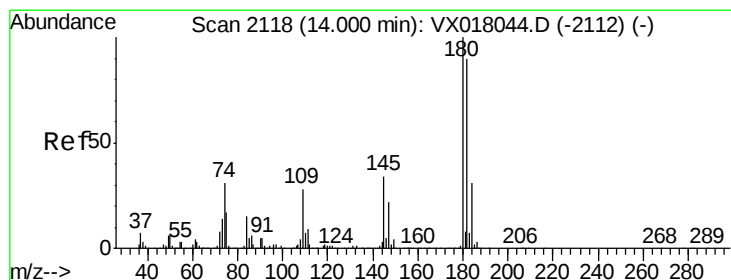
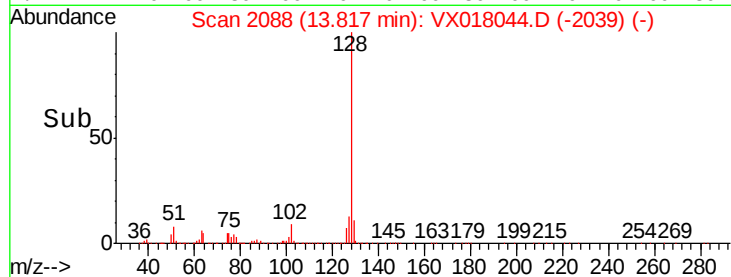
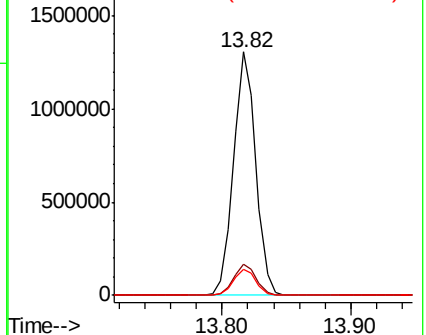
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 42.742 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

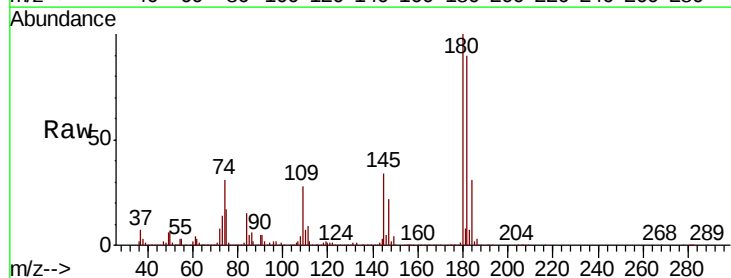
Tgt Ion:180 Resp: 447982

Ion Ratio Lower Upper

180 100

182 94.7 47.3 142.0

145 35.1 17.5 52.6



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

