

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015836.D
 Acq On : 22 Apr 2020 11:51
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 22 12:12:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 22 11:43:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	939589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1415239	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1364874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	737975	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	1621622	144.85	ug/l	0.00
Spiked Amount			Recovery	=	289.70%	
35) Dibromofluoromethane	5.47	113	1222533	136.63	ug/l	0.00
Spiked Amount			Recovery	=	273.26%	
50) Toluene-d8	8.70	98	4910309	144.21	ug/l	0.00
Spiked Amount			Recovery	=	288.42%	
62) 4-Bromofluorobenzene	11.12	95	2093505	140.44	ug/l	0.00
Spiked Amount			Recovery	=	280.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	1346819	177.307	ug/l	99
3) Chloromethane	1.31	50	1294108	160.842	ug/l	99
4) Vinyl Chloride	1.39	62	1471155	155.174	ug/l	100
5) Bromomethane	1.62	94	388731	101.747	ug/l	98
6) Chloroethane	1.70	64	820221	150.857	ug/l	97
7) Trichlorofluoromethane	1.91	101	1713494	143.309	ug/l	100
8) Diethyl Ether	2.17	74	720091	149.095	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	1190131	146.943	ug/l	99
10) Methyl Iodide	2.49	142	1680222	180.843	ug/l	100
11) Tert butyl alcohol	3.04	59	1705273	806.009	ug/l	100
12) 1,1-Dichloroethene	2.35	96	1254700	152.658	ug/l	97
13) Acrolein	2.28	56	974700	751.355	ug/l	100
14) Allyl chloride	2.71	41	2554760	145.152	ug/l	99
15) Acrylonitrile	3.12	53	3885286	776.564	ug/l	100
16) Acetone	2.42	43	3220187	667.228	ug/l	100
17) Carbon Disulfide	2.55	76	3485061	104.643	ug/l	99
18) Methyl Acetate	2.75	43	2325700	151.871	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	4431321	153.332	ug/l	99
20) Methylene Chloride	2.83	84	1394506	145.627	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	1353169	146.897	ug/l	94
22) Diisopropyl ether	3.83	45	4718942	148.954	ug/l	98
23) Vinyl Acetate	3.79	43	18791079	709.464	ug/l	98
24) 1,1-Dichloroethane	3.67	63	2520444	154.345	ug/l	100
25) 2-Butanone	4.64	43	5571460	763.584	ug/l	99
26) 2,2-Dichloropropane	4.56	77	2216348	151.046	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	1591369	154.377	ug/l	99
28) Bromochloromethane	4.99	49	1217666	137.284	ug/l #	98
29) Tetrahydrofuran	5.09	42	3655040	754.238	ug/l	100
30) Chloroform	5.19	83	2458017	147.767	ug/l	99
31) Cyclohexane	5.55	56	2387948	150.396	ug/l	95
32) 1,1,1-Trichloroethane	5.47	97	2261805	154.064	ug/l	99
36) 1,1-Dichloropropene	5.78	75	1946072	156.667	ug/l	100
37) Ethyl Acetate	4.80	43	2240998	150.019	ug/l	99
38) Carbon Tetrachloride	5.76	117	1967942	163.085	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	2377441	148.563	ug/l	99
40) Benzene	6.12	78	5645099	148.400	ug/l	98
41) Methacrylonitrile	5.01	41	1273407	180.539	ug/l	98
42) 1,2-Dichloroethane	6.17	62	2050571	149.959	ug/l	99
43) Isopropyl Acetate	6.42	43	3833070	152.885	ug/l	99
44) Trichloroethene	7.19	130	2020397	151.962	ug/l	93
45) 1,2-Dichloropropane	7.50	63	1506794	152.481	ug/l	99
46) Dibromomethane	7.64	93	1026015	137.939	ug/l	100
47) Bromodichloromethane	7.88	83	2042409	162.286	ug/l	99
48) Methyl methacrylate	7.75	41	1929811	158.077	ug/l	99
49) 1,4-Dioxane	7.72	88	676178	2852.494	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	10849113	746.449	ug/l	98
52) Toluene	8.77	92	3606231	147.732	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	2493063	159.005	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	2589753	154.962	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	1451503	154.269	ug/l	98
56) Ethyl methacrylate	9.16	69	2510444	159.174	ug/l	100
57) 1,3-Dichloropropane	9.36	76	2497749	152.468	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	6073800	762.974	ug/l	100
59) 2-Hexanone	9.48	43	8458799	771.595	ug/l	98
60) Dibromochloromethane	9.57	129	1676810	182.196	ug/l	97
61) 1,2-Dibromoethane	9.66	107	1555301	148.055	ug/l	99
64) Tetrachloroethene	9.32	164	2558084	133.755	ug/l	96
65) Chlorobenzene	10.12	112	3990445	144.775	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	1571057	155.391	ug/l	98
67) Ethyl Benzene	10.24	91	6947660	142.516	ug/l	97
68) m/p-Xylenes	10.34	106	5236254	287.382	ug/l	96
69) o-Xylene	10.68	106	2608147	145.825	ug/l	98
70) Styrene	10.70	104	4558582	148.268	ug/l	99
71) Bromoform	10.84	173	1306686	224.557	ug/l #	97
73) Isopropylbenzene	11.01	105	6798284	144.110	ug/l	98
74) N-amyl acetate	10.89	43	3678409	153.004	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	1531634	157.560	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	2888302	169.615	ug/l	83
77) Bromobenzene	11.24	156	1940245	151.756	ug/l	98
78) n-propylbenzene	11.35	91	7841818	144.948	ug/l	98
79) 2-Chlorotoluene	11.41	91	4856734	150.787	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	5986343	150.165	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	932418	171.358	ug/l	99
82) 4-Chlorotoluene	11.49	91	5676143	147.787	ug/l	98
83) tert-Butylbenzene	11.76	119	5269339	148.628	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	6210392	149.817	ug/l	100
85) sec-Butylbenzene	11.93	105	6874799	146.792	ug/l	99
86) p-Isopropyltoluene	12.05	119	6556506	150.390	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	3503585	148.865	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	3606349	153.763	ug/l	95
89) n-Butylbenzene	12.37	91	5941701	152.923	ug/l	99
90) Hexachloroethane	12.58	117	966502	251.489	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	3352853	151.095	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	497356	178.140	ug/l	97

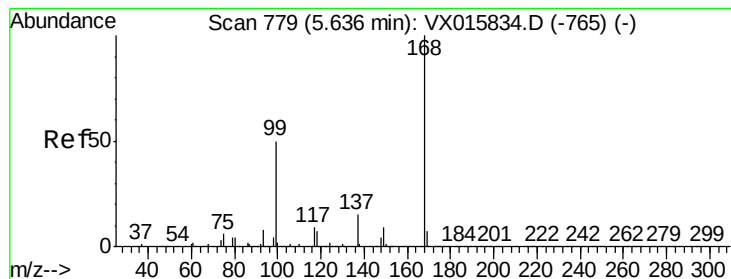
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	2611018	149.010	ug/l	95
94) Hexachlorobutadiene	13.76	225	1197593	153.621	ug/l	98
95) Naphthalene	13.82	128	7597646	151.112	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	2603637	153.656	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

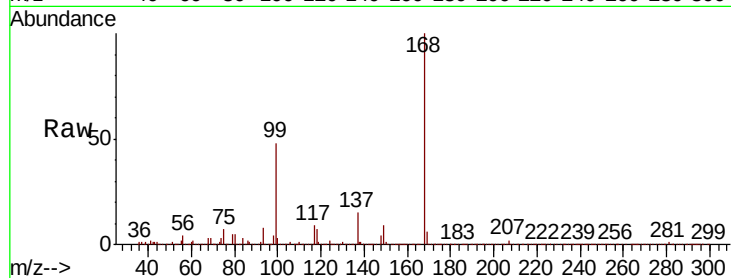
VSTDIC150

Tot Ion:168 Resp: 939589

Ion Ratio Lower Upper

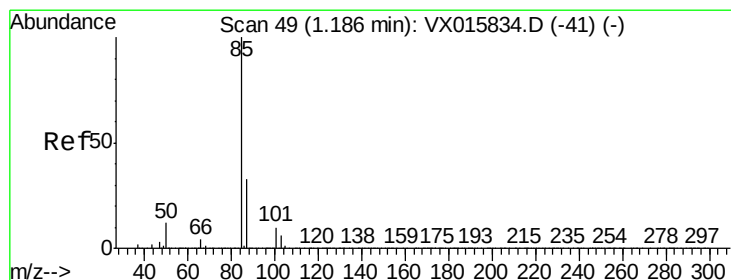
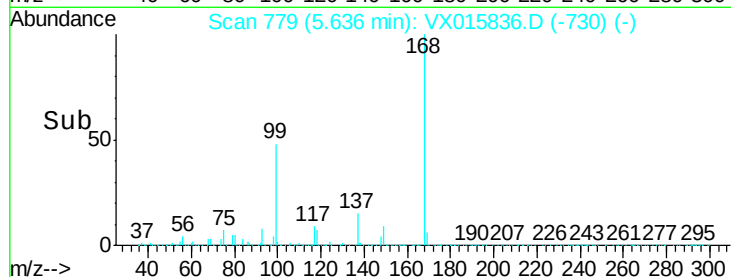
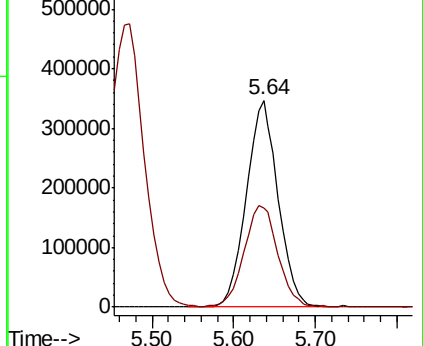
168 100

99 47.7 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 177.307 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX015836.D

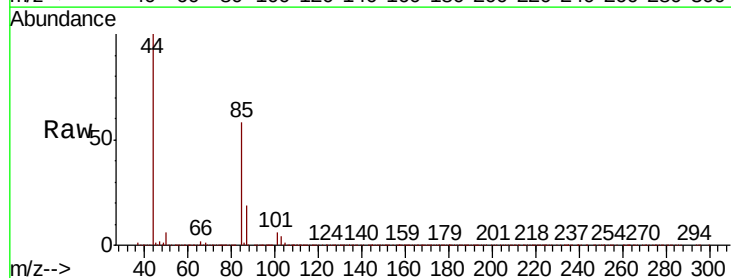
Acq: 22 Apr 2020 11:51

Tgt Ion: 85 Resp: 1346819

Ion Ratio Lower Upper

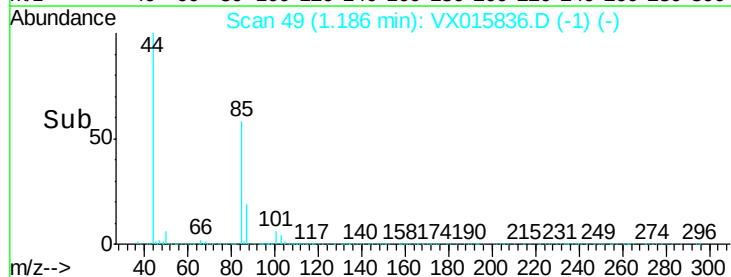
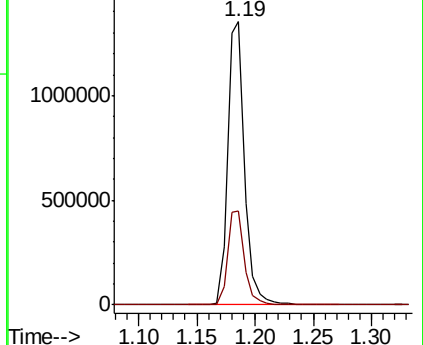
85 100

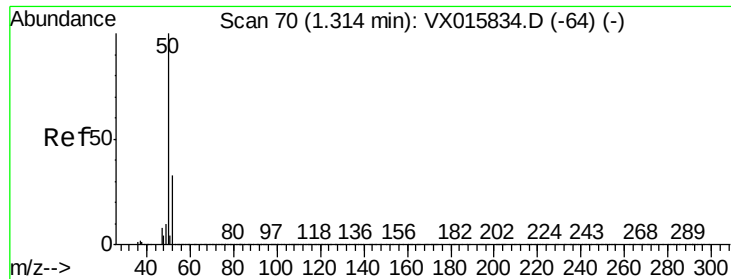
87 33.4 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

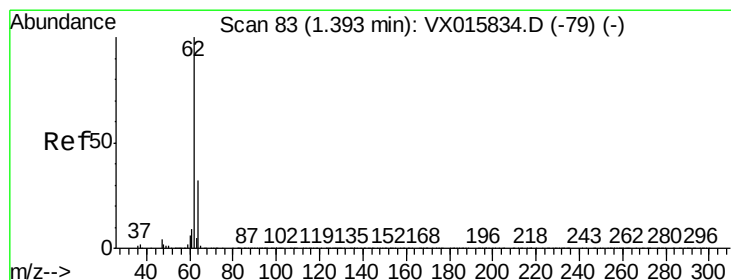
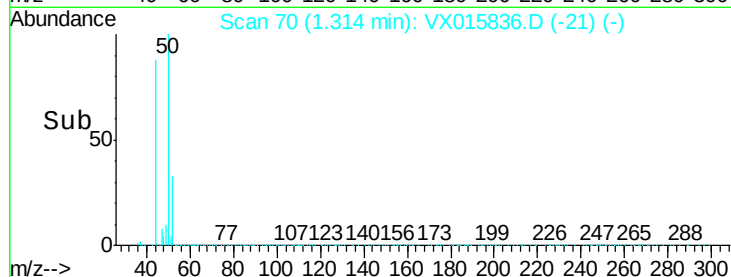
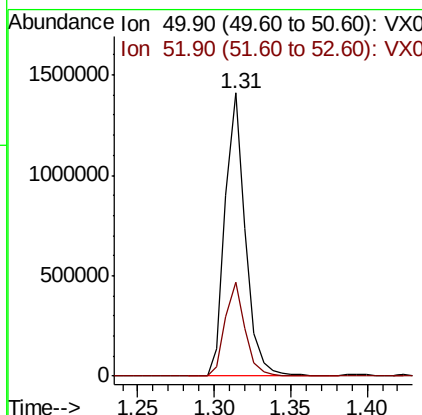
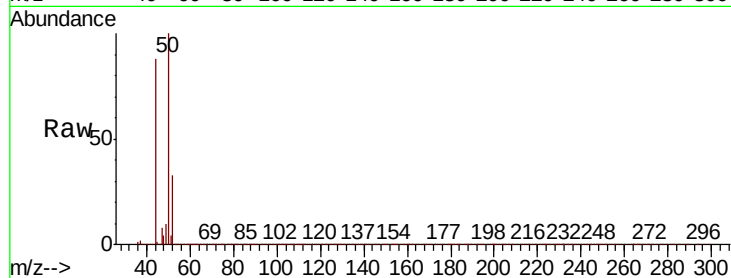




#3
Chloromethane
Concen: 160.842 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

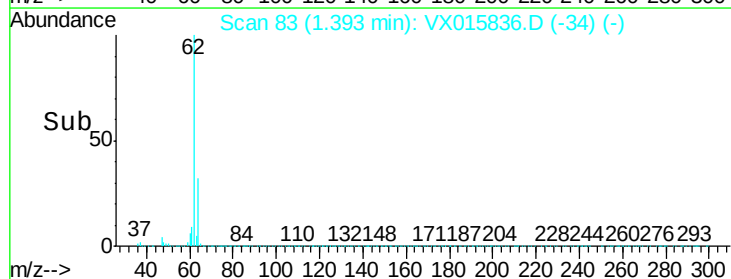
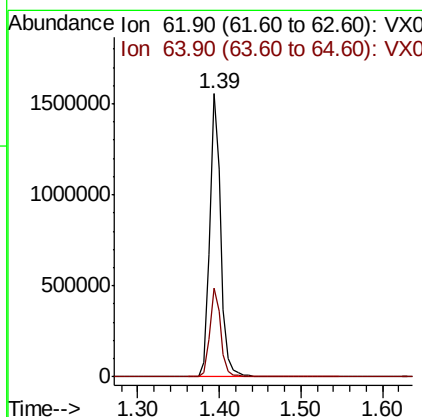
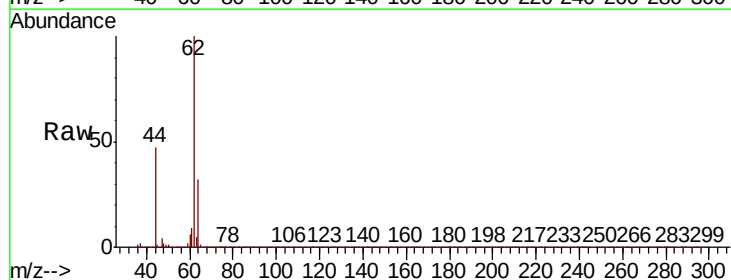
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

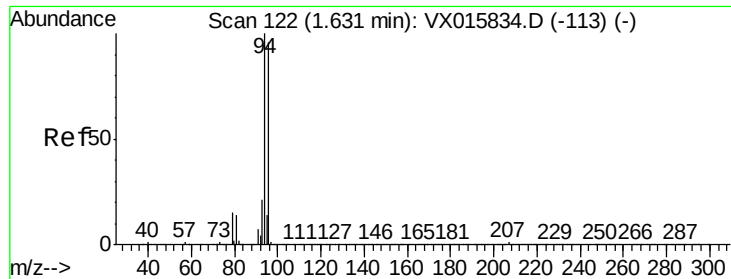
Tot Ion: 50 Resp: 1294108
Ion Ratio Lower Upper
50 100
52 33.4 26.2 39.4



#4
Vinyl Chloride
Concen: 155.174 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion: 62 Resp: 1471155
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.2





#5

Bromomethane

Concen: 101.747 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

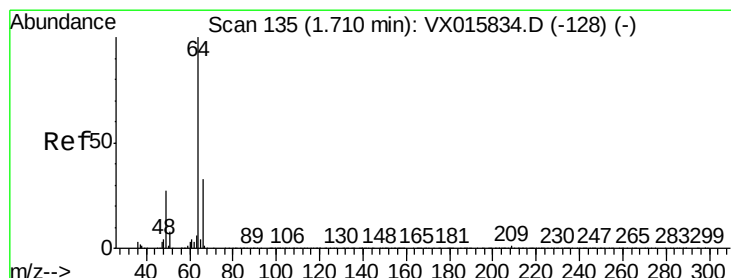
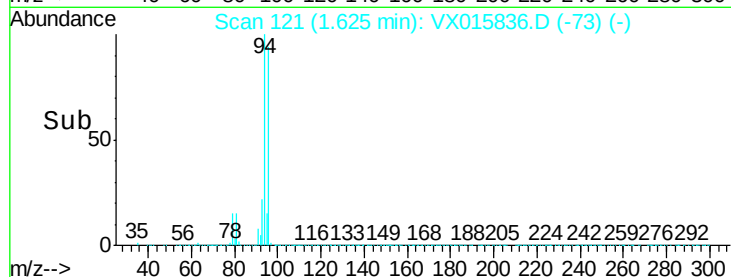
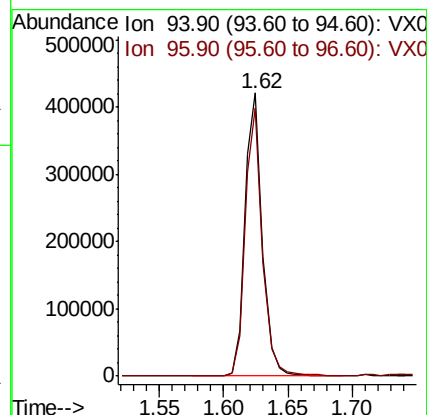
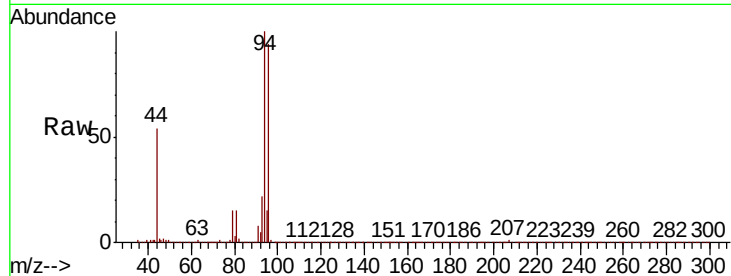
VSTDIC150

Tot Ion: 94 Resp: 388731

Ion Ratio Lower Upper

94 100

96 94.4 76.7 115.1



#6

Chloroethane

Concen: 150.857 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX015836.D

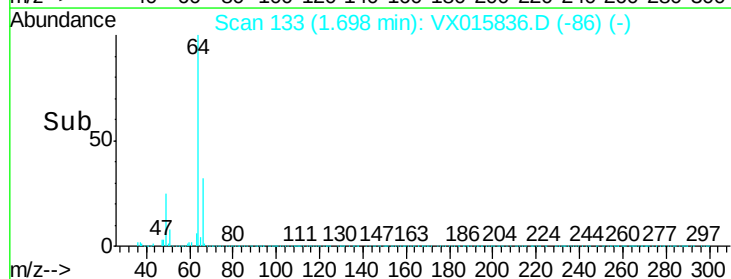
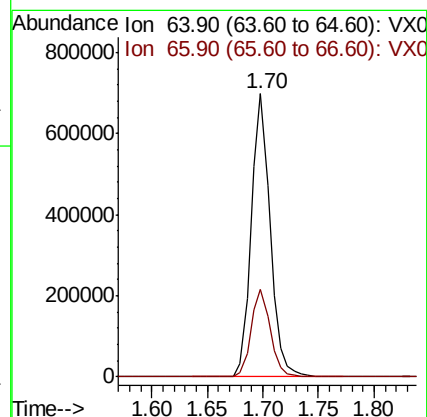
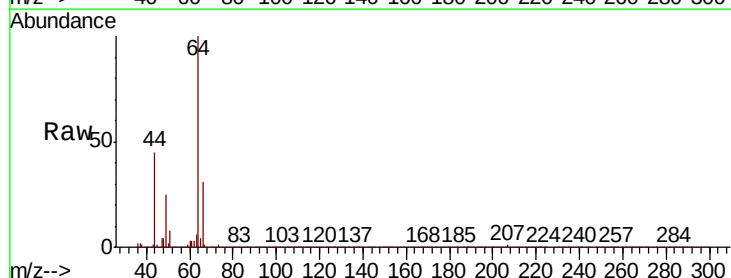
Acq: 22 Apr 2020 11:51

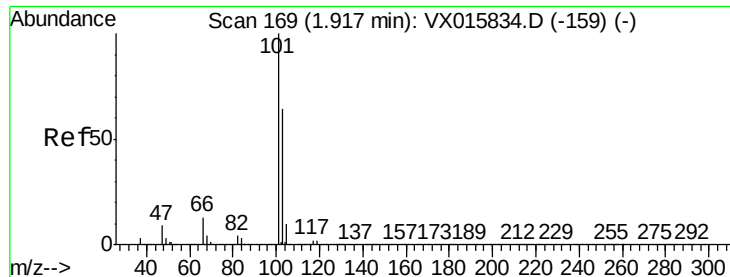
Tgt Ion: 64 Resp: 820221

Ion Ratio Lower Upper

64 100

66 30.8 26.2 39.2



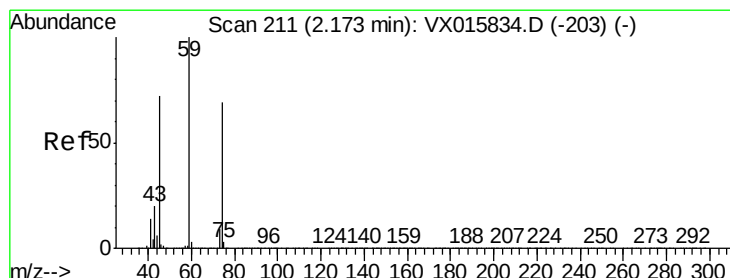
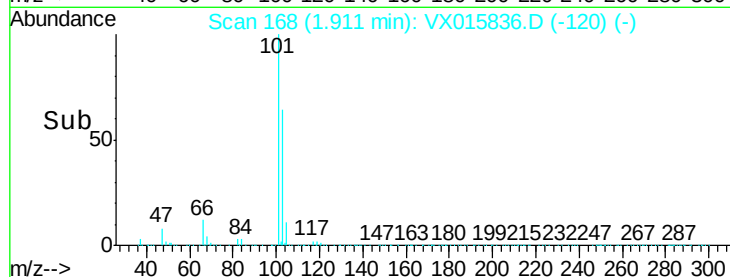
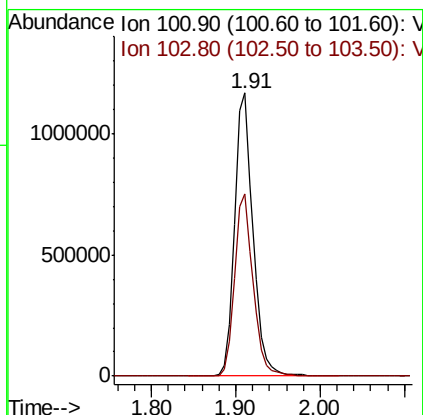
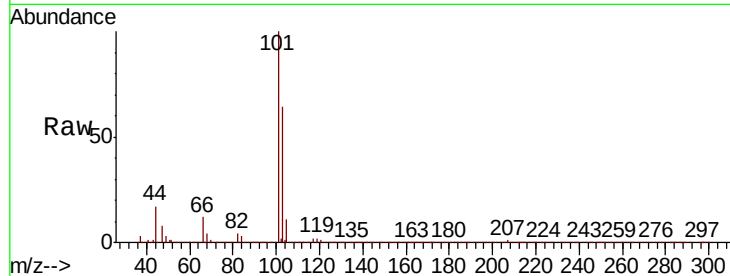


#7

Trichlorofluoromethane
Concen: 143.309 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

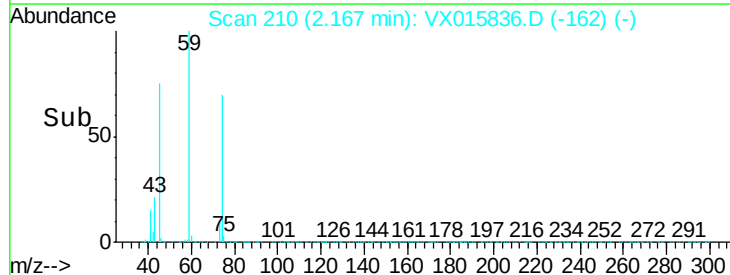
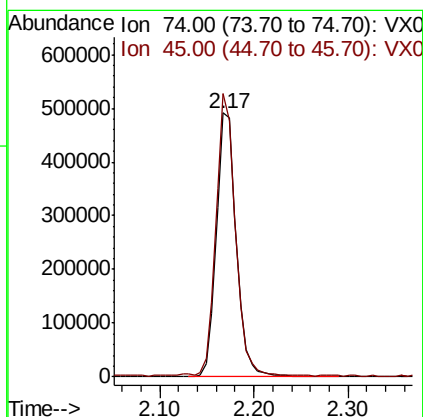
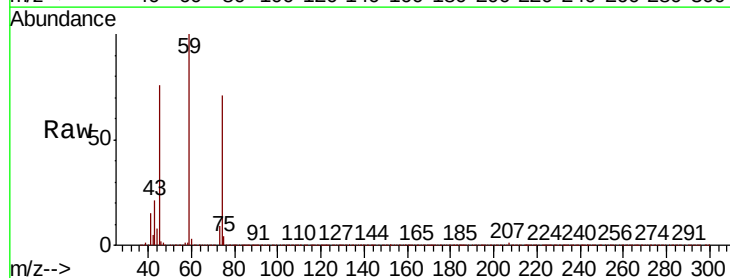
Tot Ion:101 Resp: 1713494
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0

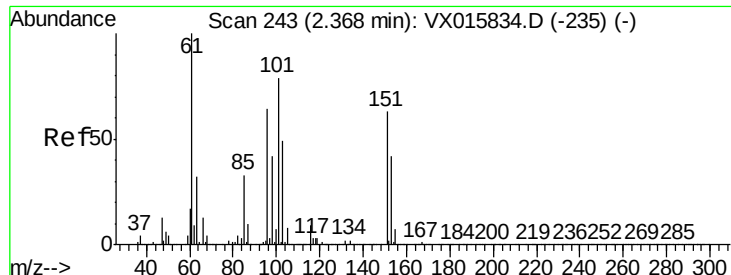


#8

Diethyl Ether
Concen: 149.095 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.01 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion: 74 Resp: 720091
Ion Ratio Lower Upper
74 100
45 105.1 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 146.943 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

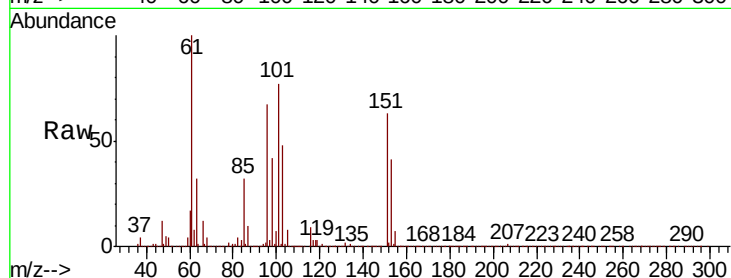
Tot Ion:101 Resp: 1190131

Ion Ratio Lower Upper

101 100

85 42.3 33.8 50.6

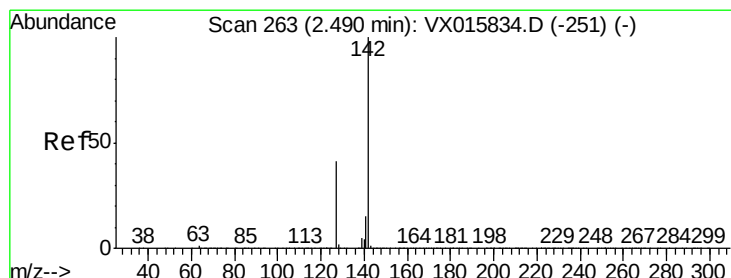
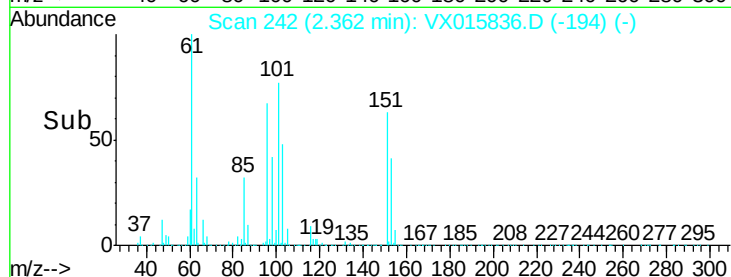
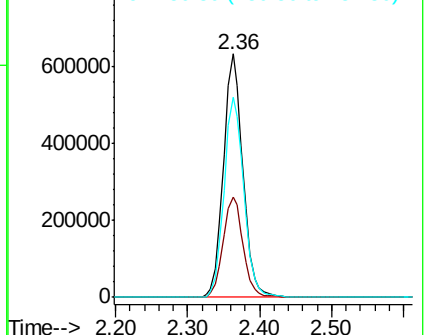
151 84.0 67.8 101.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 180.843 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

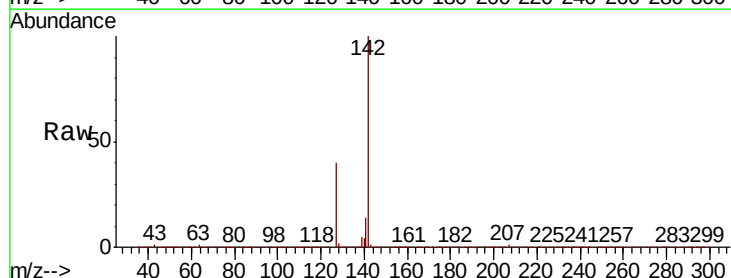
Tgt Ion:142 Resp: 1680222

Ion Ratio Lower Upper

142 100

127 41.5 33.3 49.9

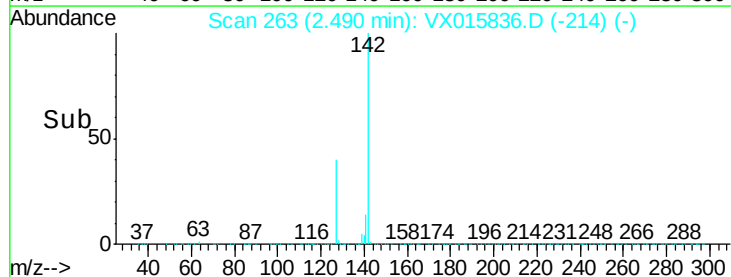
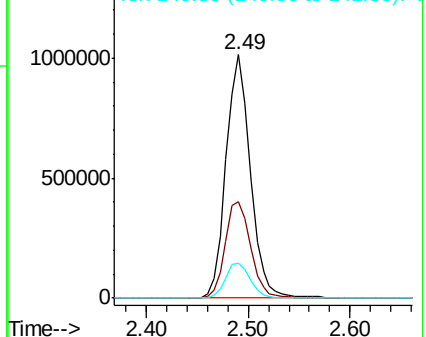
141 14.7 11.8 17.6

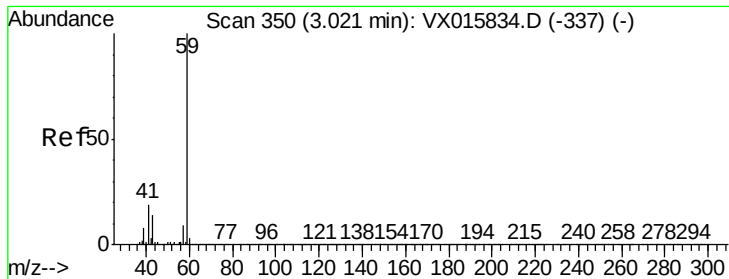


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

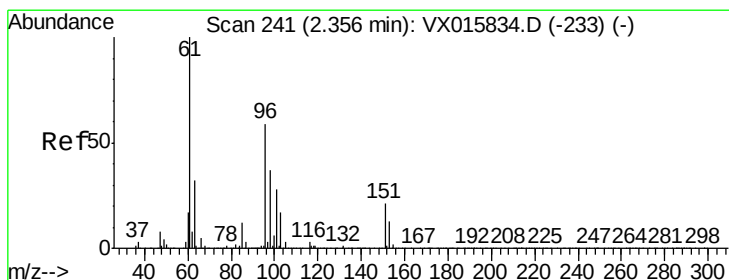
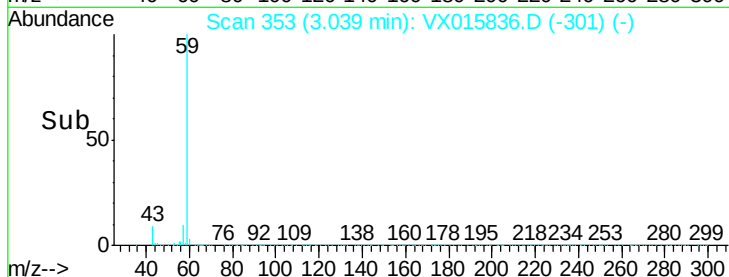
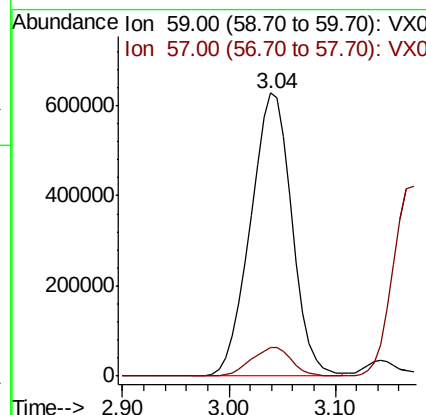
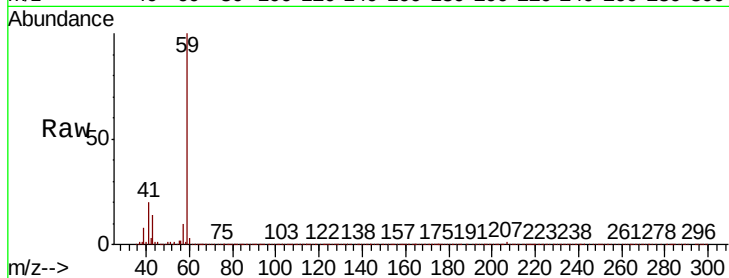




#11
Tert butyl alcohol
Concen: 806.009 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.02 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

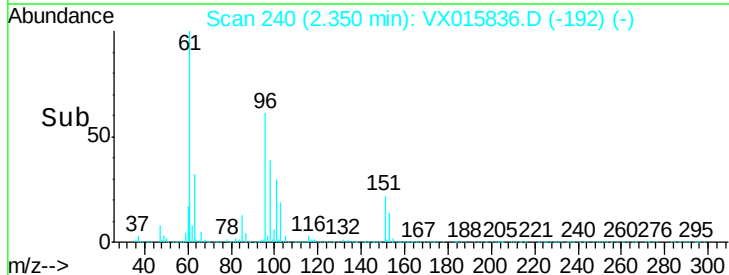
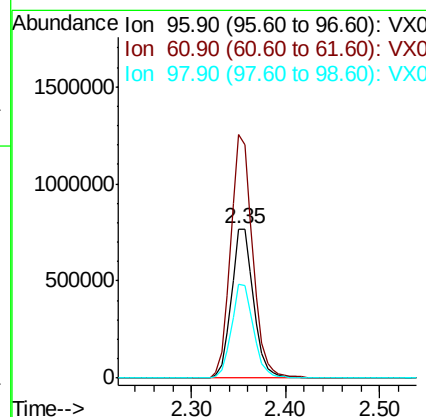
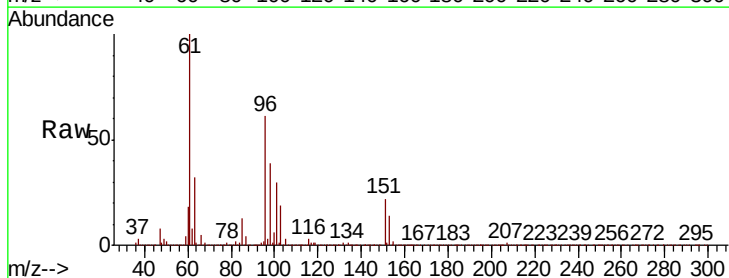
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

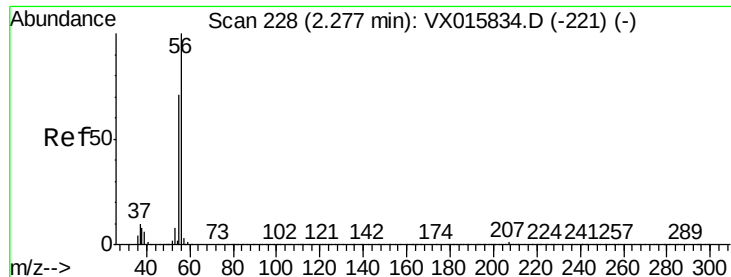
Tot Ion: 59 Resp: 1705273
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 152.658 ug/l
RT: 2.35 min Scan# 240
Delta R.T. -0.01 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion: 96 Resp: 1254700
Ion Ratio Lower Upper
96 100
61 163.5 135.0 202.6
98 63.3 50.6 76.0

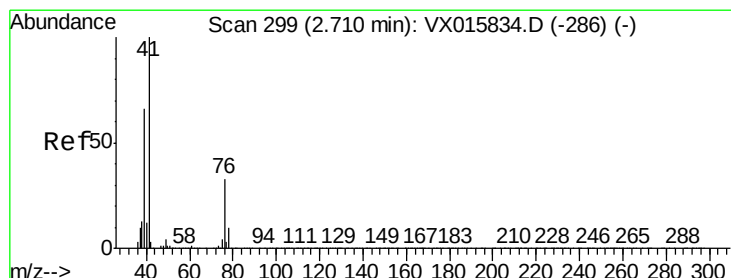
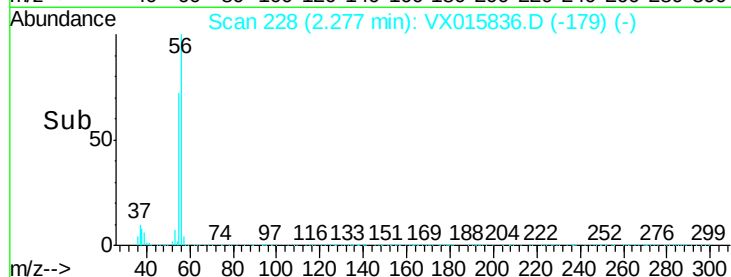
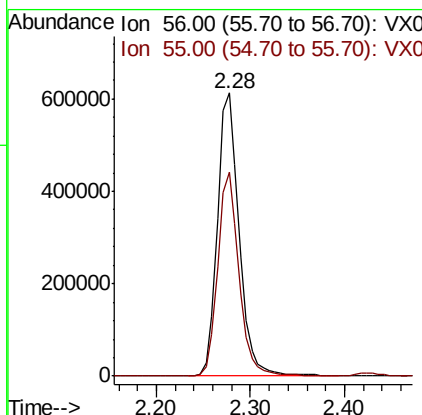
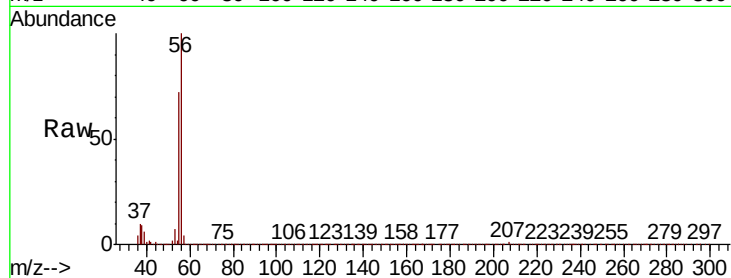




#13
Acrolein
Concen: 751.355 ug/l
RT: 2.28 min Scan# 228
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

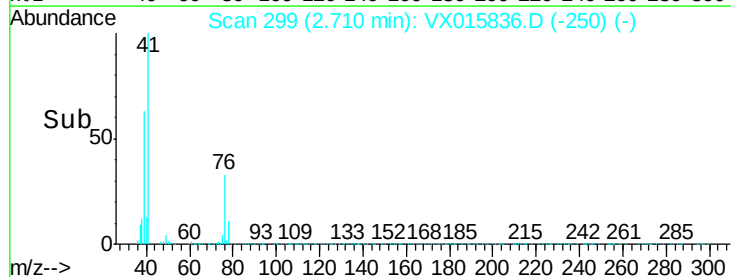
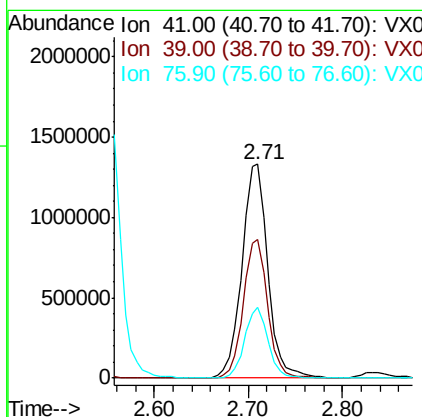
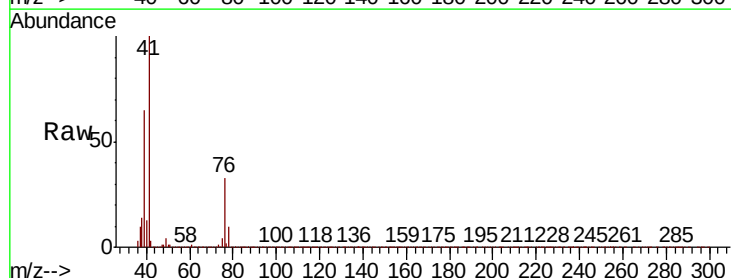
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

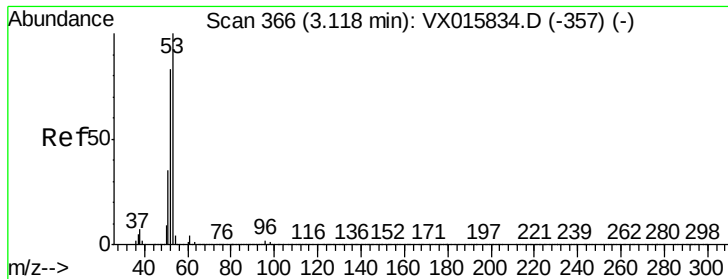
Tot Ion: 56 Resp: 974700
Ion Ratio Lower Upper
56 100
55 70.3 56.1 84.1



#14
Allyl chloride
Concen: 145.152 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion: 41 Resp: 2554760
Ion Ratio Lower Upper
41 100
39 61.1 48.4 72.6
76 29.9 23.8 35.8





#15

Acrylonitrile

Concen: 776.564 ug/l

RT: 3.12 min Scan# 367

Delta R.T. 0.01 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

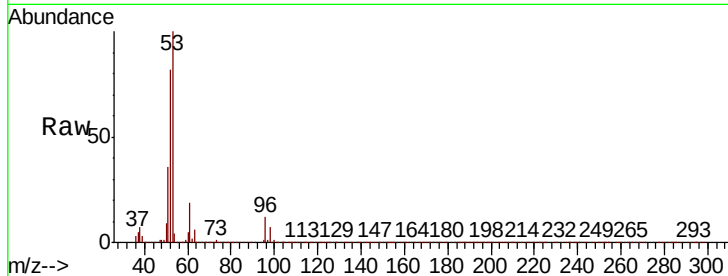
MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 53 Resp: 3885286

Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.2	99.4
51	35.9	28.6	43.0

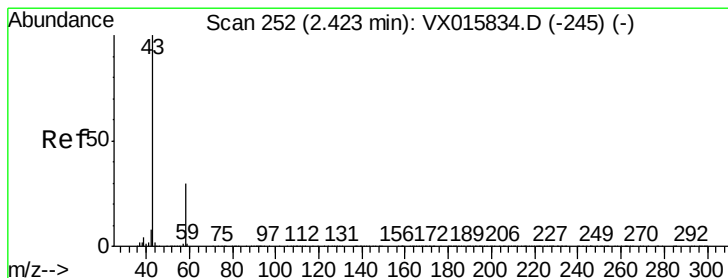
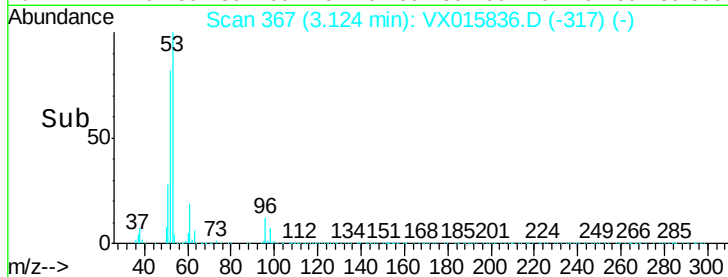
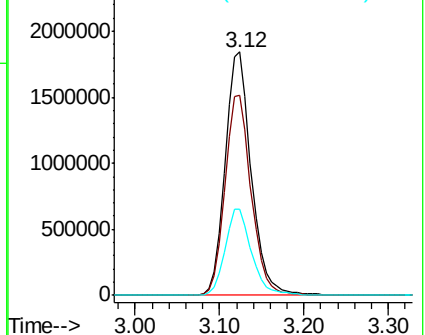


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 667.228 ug/l

RT: 2.42 min Scan# 252

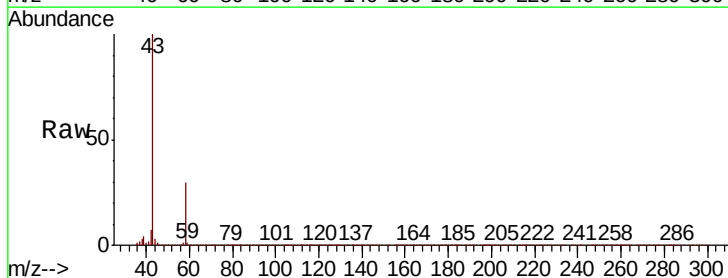
Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Tgt Ion: 43 Resp: 3220187

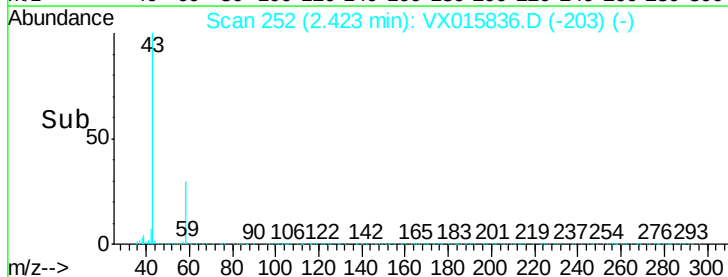
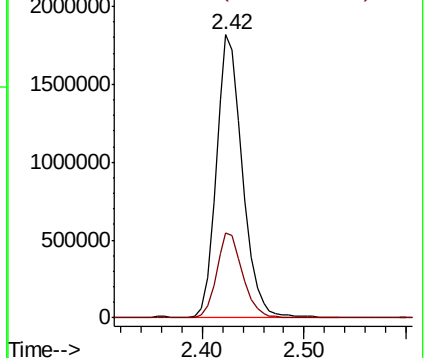
Ion	Ratio	Lower	Upper
43	100		
58	30.0	24.0	36.0

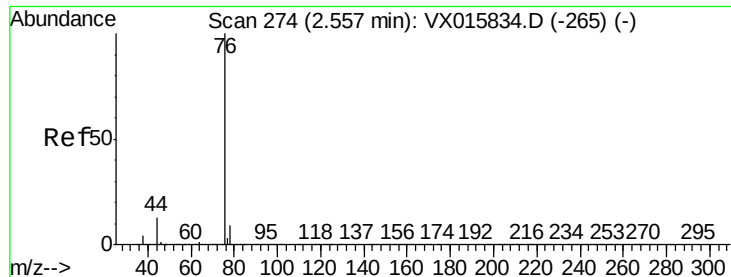


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 104.643 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

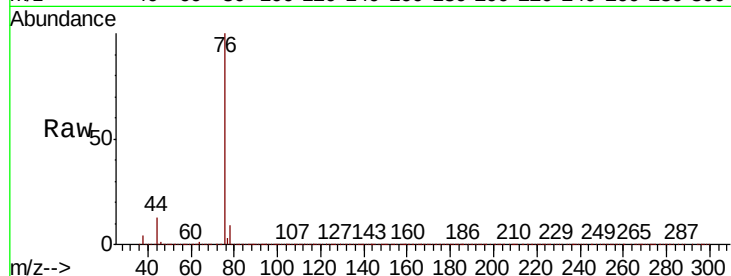
VSTDIC150

Tot Ion: 76 Resp: 3485061

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

2000000

1500000

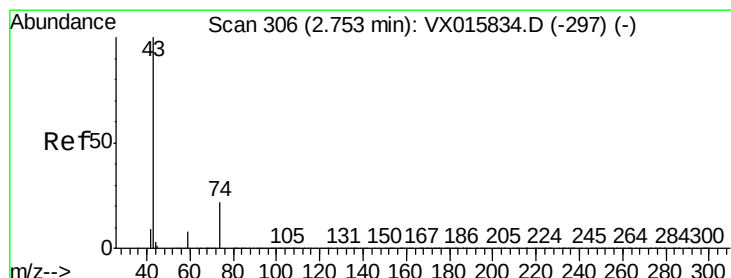
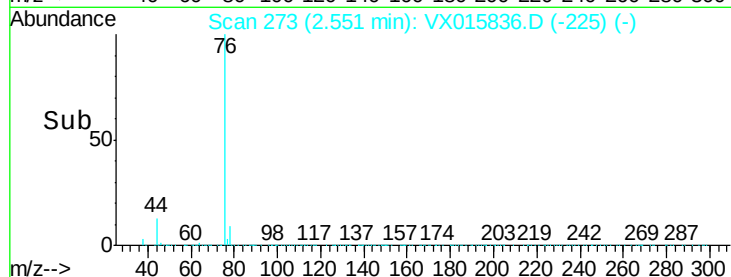
1000000

500000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 151.871 ug/l

RT: 2.75 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX015836.D

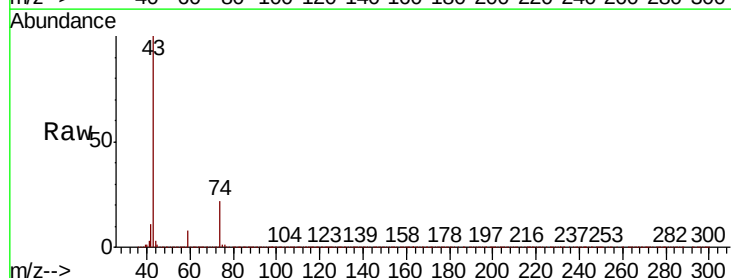
Acq: 22 Apr 2020 11:51

Tgt Ion: 43 Resp: 2325700

Ion Ratio Lower Upper

43 100

74 22.4 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

1500000

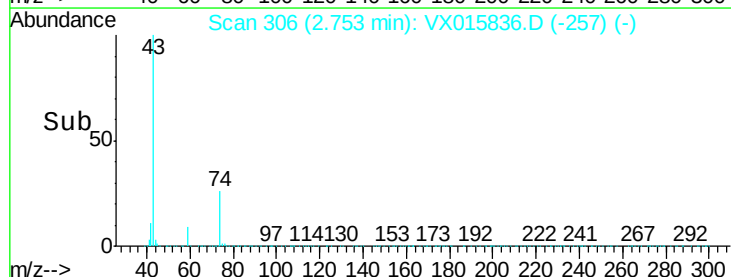
1000000

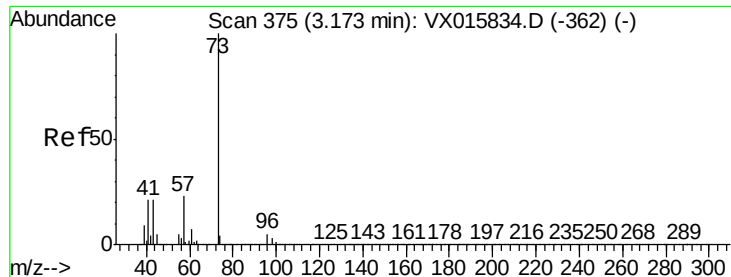
500000

0

Time-->

2.70 2.80 2.90

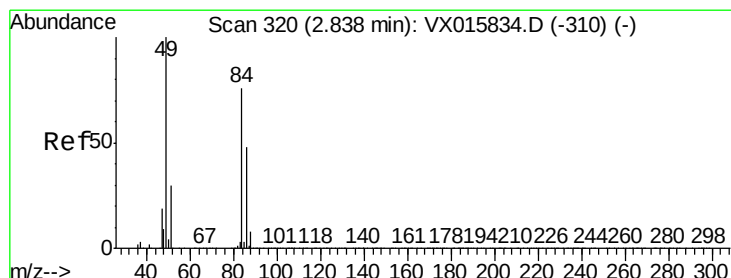
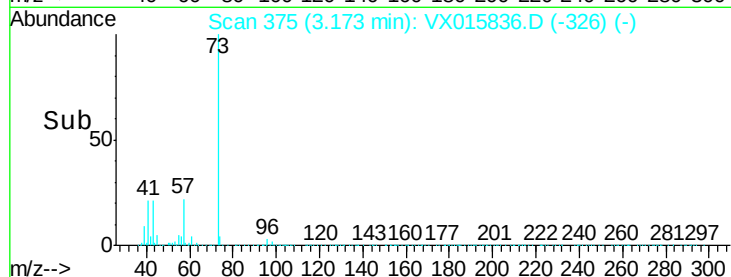
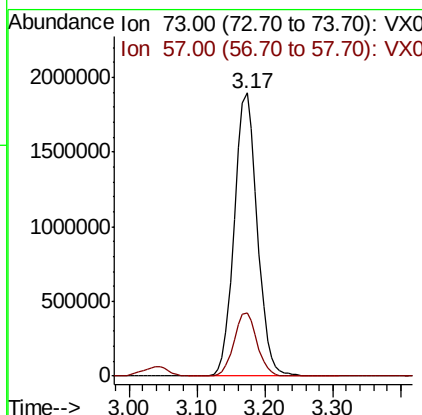
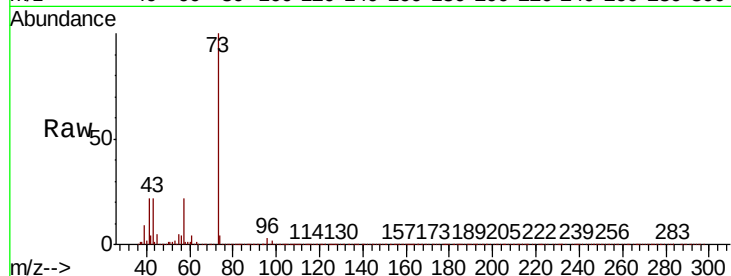




#19
Methyl tert-butyl Ether
Concen: 153.332 ug/l
RT: 3.17 min Scan# 375
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

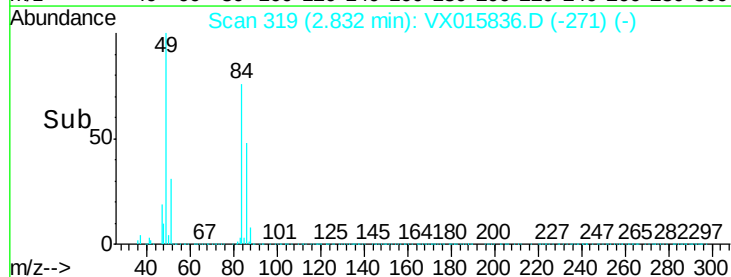
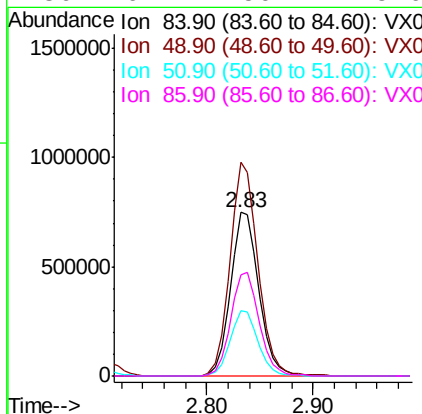
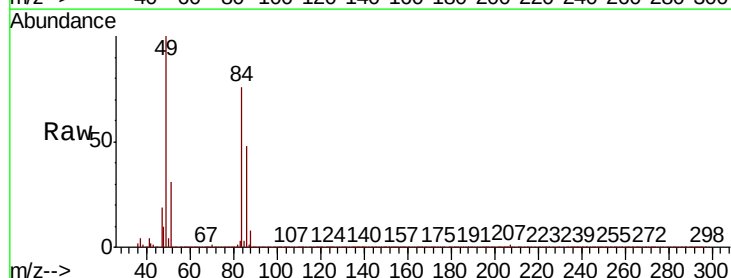
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

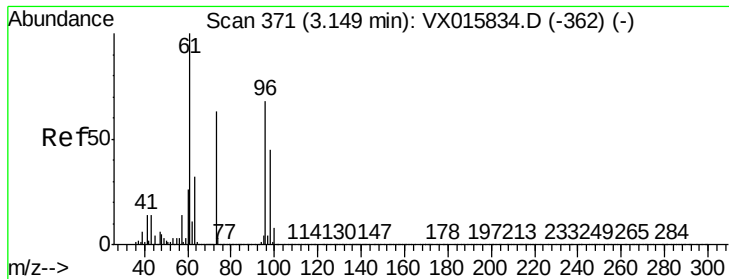
Tot Ion: 73 Resp: 4431321
Ion Ratio Lower Upper
73 100
57 22.2 18.1 27.1



#20
Methylene Chloride
Concen: 145.627 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.01 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion: 84 Resp: 1394506
Ion Ratio Lower Upper
84 100
49 130.7 104.9 157.3
51 40.1 32.0 48.0
86 62.1 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 146.897 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

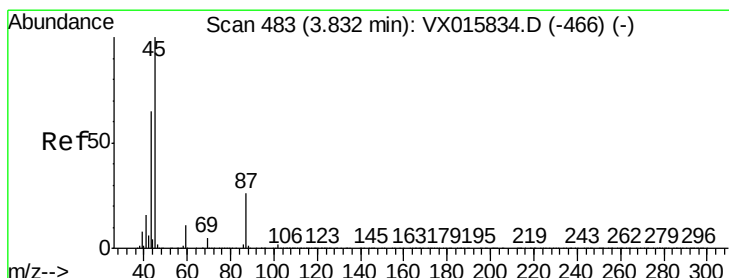
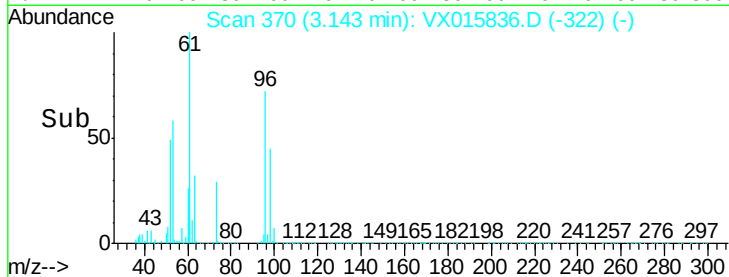
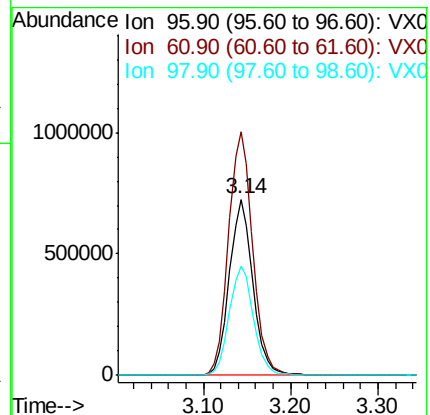
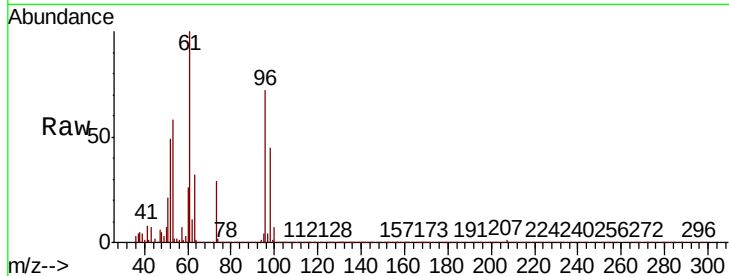
MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 96 Resp: 1353169

Ion	Ratio	Lower	Upper
96	100		
61	138.4	117.5	176.3
98	62.1	52.7	79.1



#22

Diisopropyl ether

Concen: 148.954 ug/l

RT: 3.83 min Scan# 483

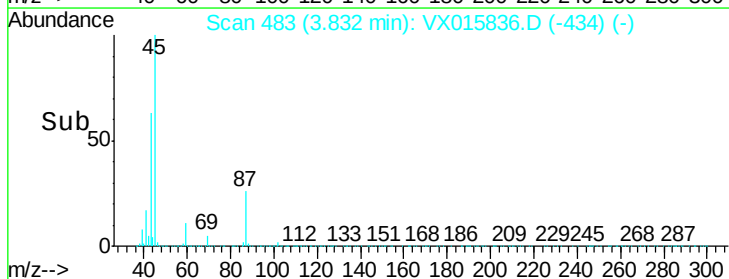
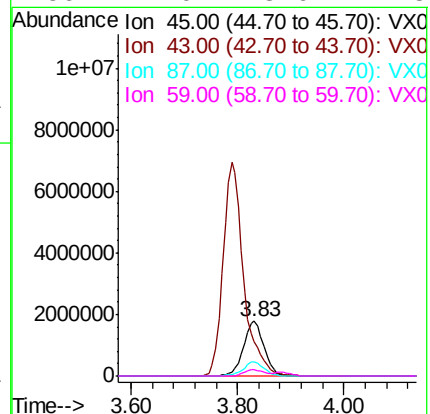
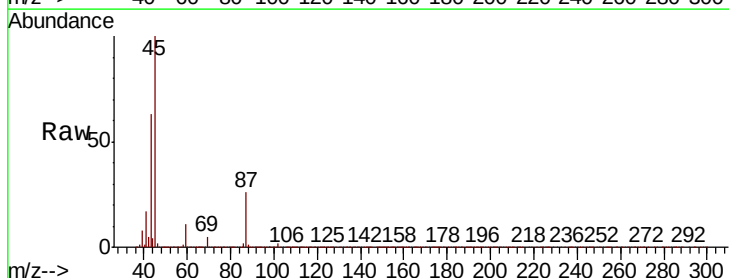
Delta R.T. 0.00 min

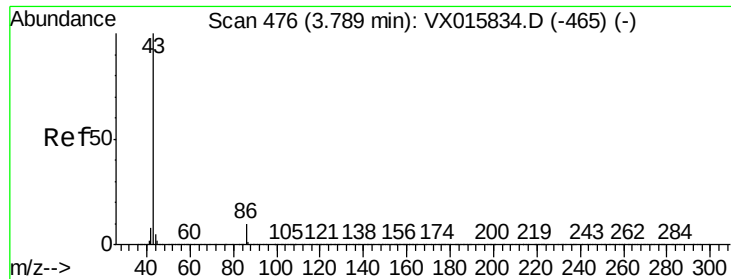
Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Tgt Ion: 45 Resp: 4718942

Ion	Ratio	Lower	Upper
45	100		
43	62.9	52.4	78.6
87	25.7	20.7	31.1
59	11.0	8.6	12.8





#23

Vinyl Acetate

Concen: 709.464 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

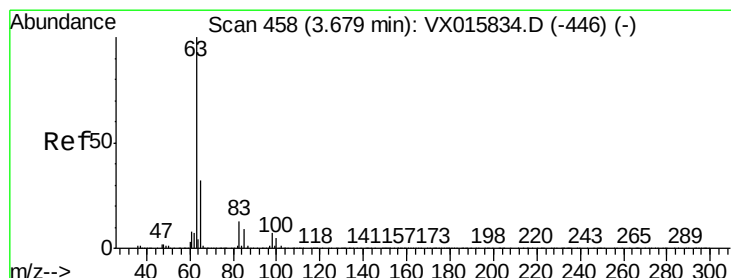
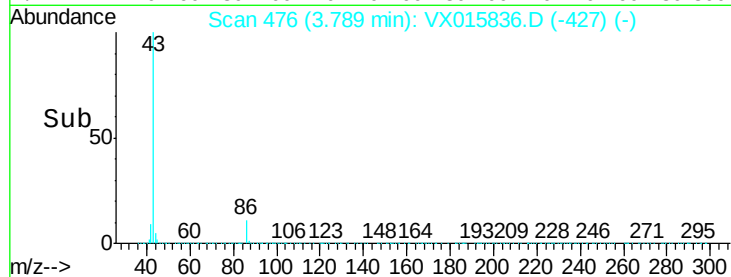
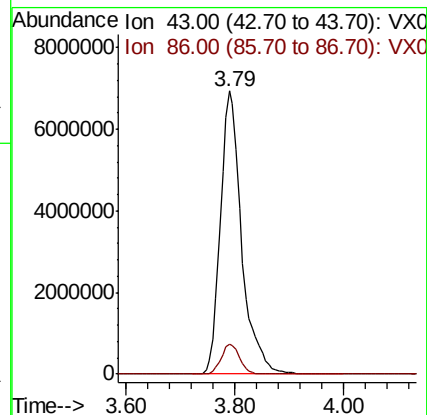
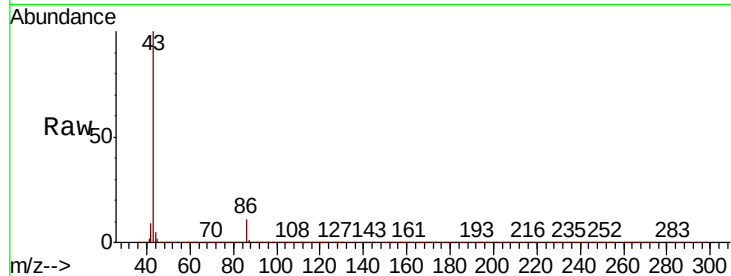
VSTDIC150

Tot Ion: 43 Resp:18791079

Ion Ratio Lower Upper

43 100

86 10.6 8.0 12.0



#24

1,1-Dichloroethane

Concen: 154.345 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

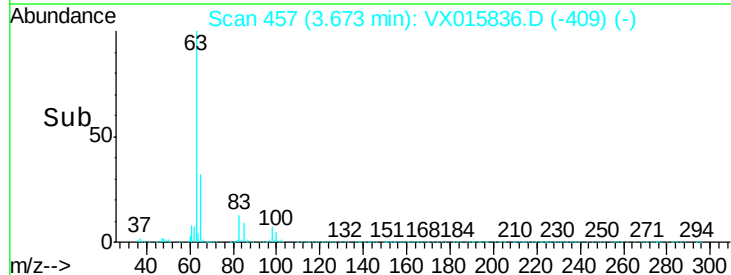
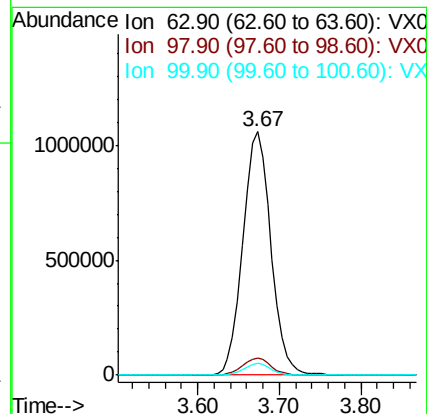
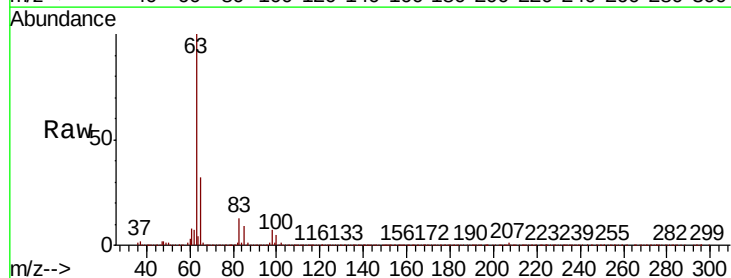
Tgt Ion: 63 Resp: 2520444

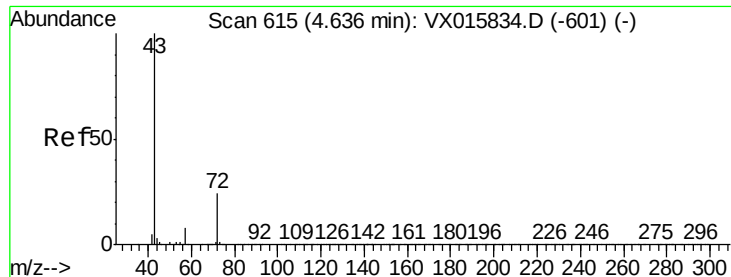
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.7 2.3 6.8

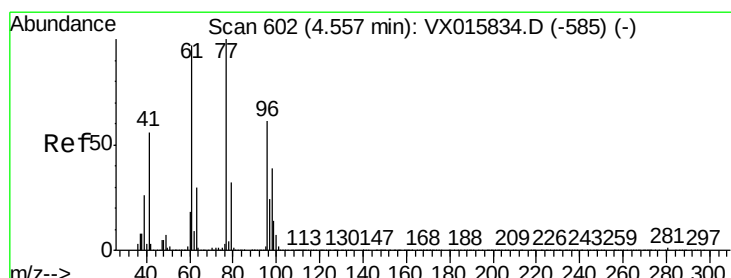
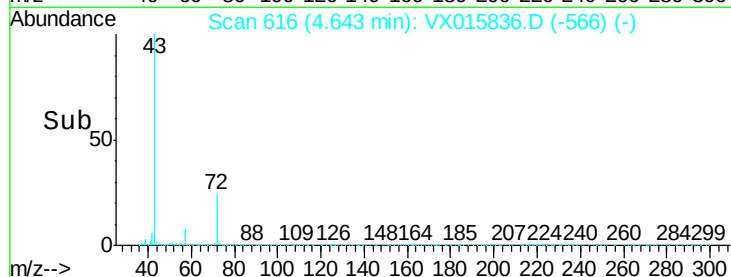
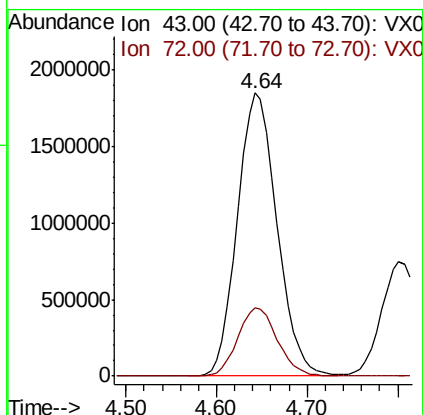
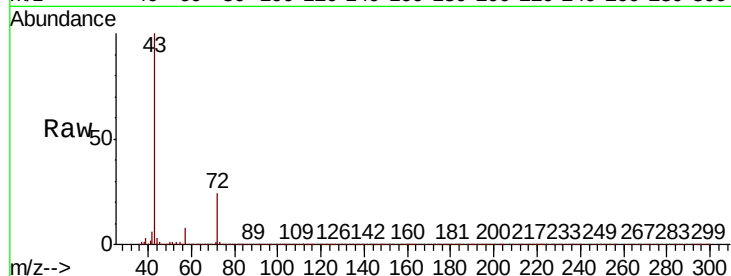




#25
2-Butanone
Concen: 763.584 ug/l
RT: 4.64 min Scan# 616
Delta R.T. 0.01 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

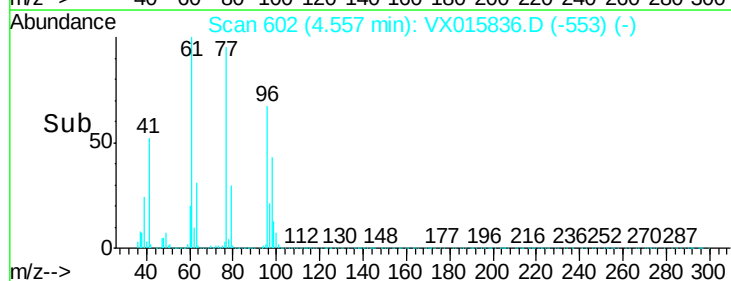
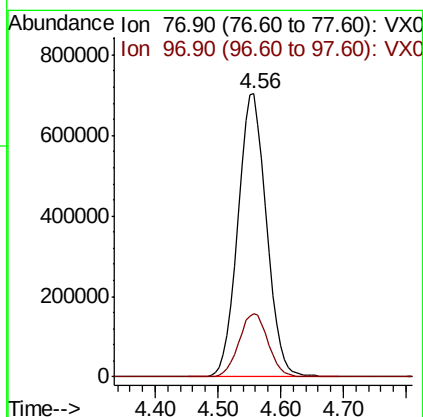
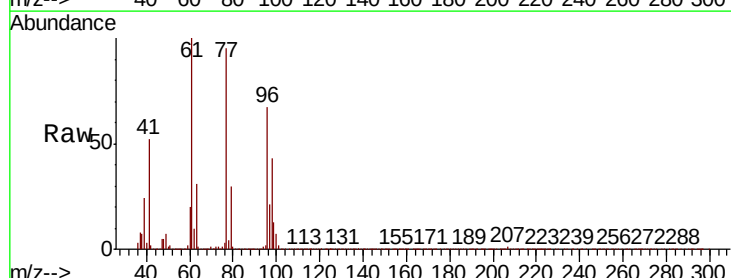
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

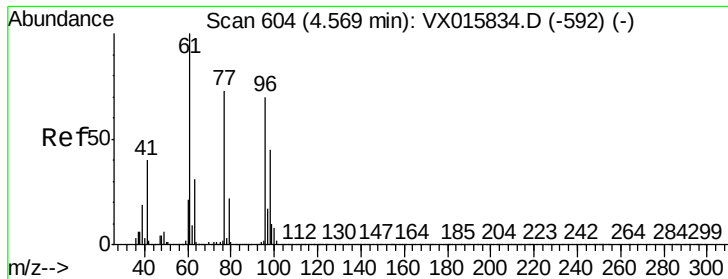
Tot Ion: 43 Resp: 5571460
Ion Ratio Lower Upper
43 100
72 23.9 19.4 29.2



#26
2,2-Dichloropropane
Concen: 151.046 ug/l
RT: 4.56 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion: 77 Resp: 2216348
Ion Ratio Lower Upper
77 100
97 22.8 11.4 34.1



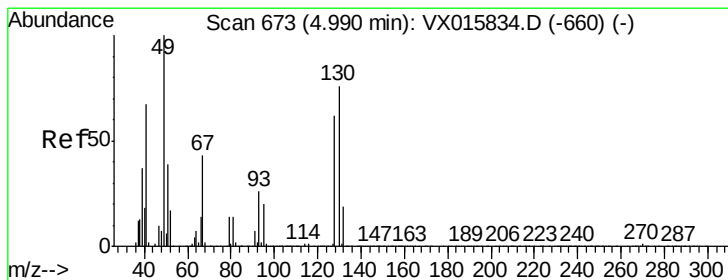
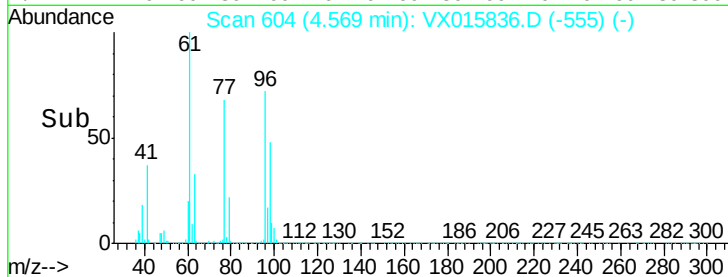
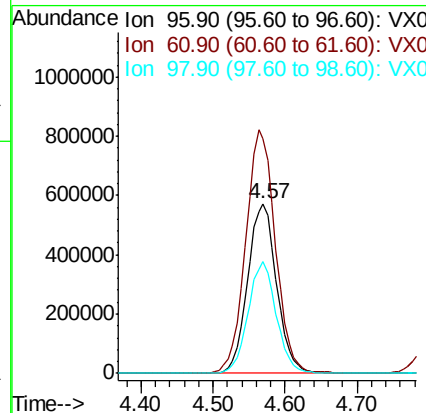
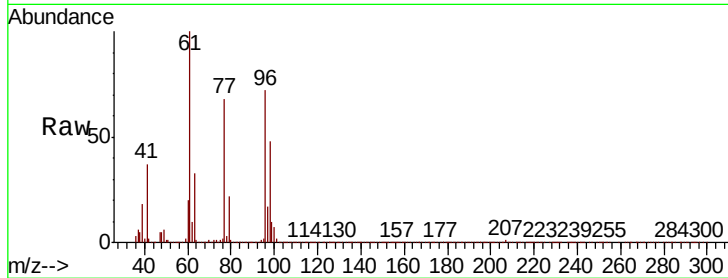


#27

cis-1,2-Dichloroethene
Concen: 154.377 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

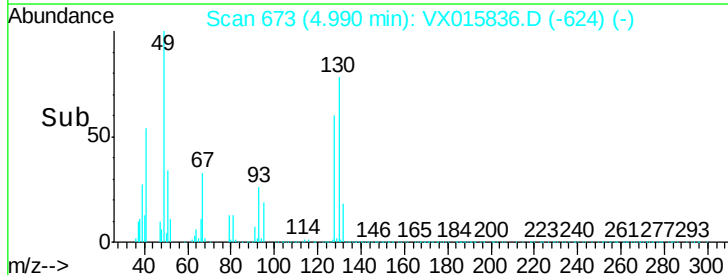
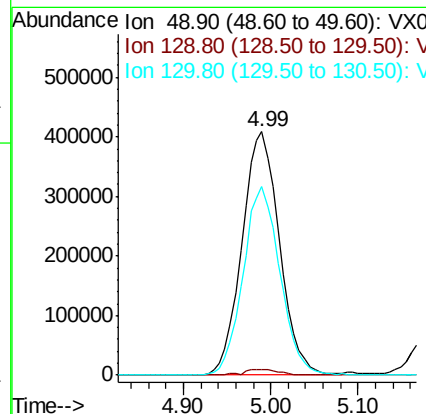
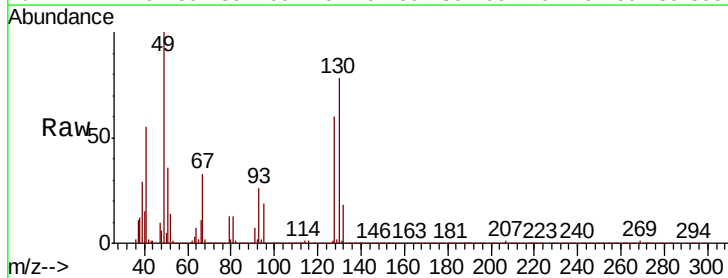
Tot Ion: 96 Resp: 1591369
Ion Ratio Lower Upper
96 100
61 147.6 0.0 299.4
98 64.4 0.0 129.6

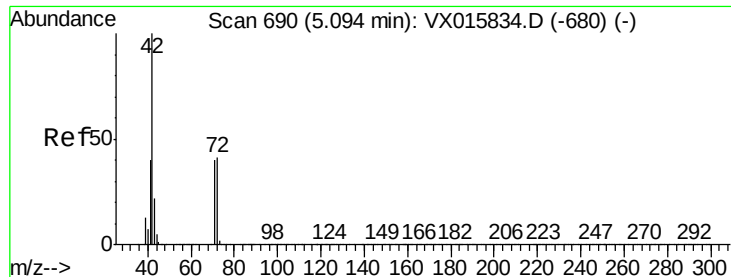


#28

Bromochloromethane
Concen: 137.284 ug/l
RT: 4.99 min Scan# 673
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion: 49 Resp: 1217666
Ion Ratio Lower Upper
49 100
129 2.2 0.0 1.8#
130 76.7 62.4 93.6





#29

Tetrahydrofuran

Concen: 754.238 ug/l

RT: 5.09 min Scan# 690

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

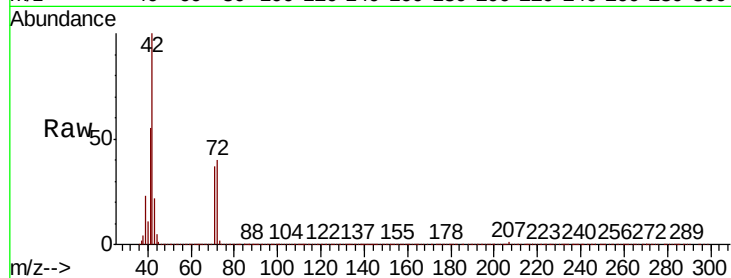
MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 42 Resp: 3655040

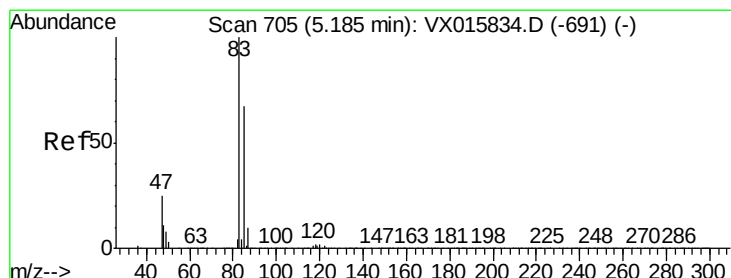
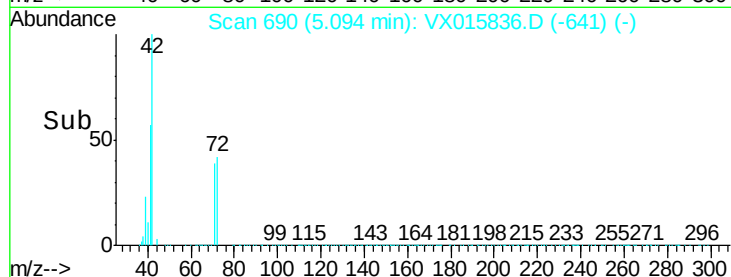
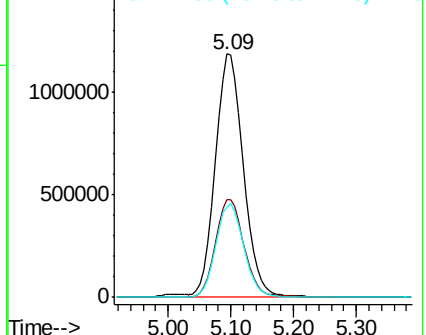
Ion	Ratio	Lower	Upper
42	100		
72	41.3	33.0	49.6
71	38.3	30.6	45.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 147.767 ug/l

RT: 5.19 min Scan# 705

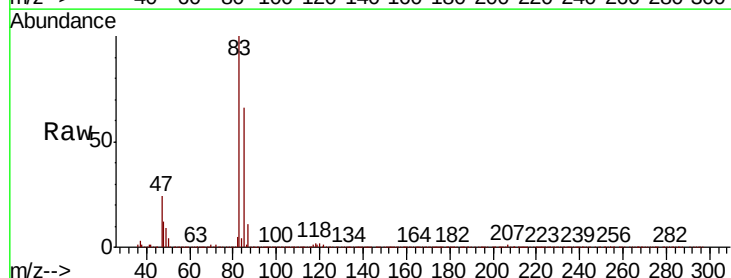
Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

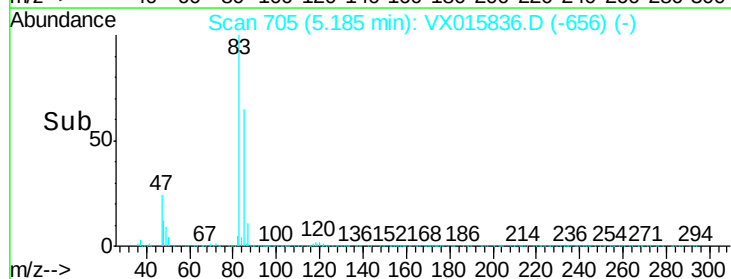
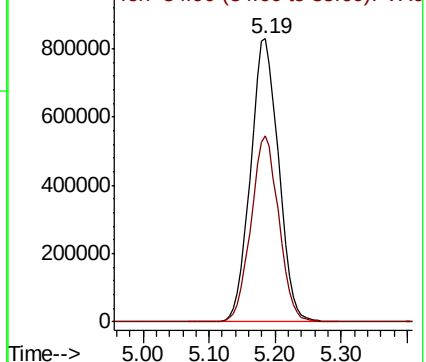
Tgt Ion: 83 Resp: 2458017

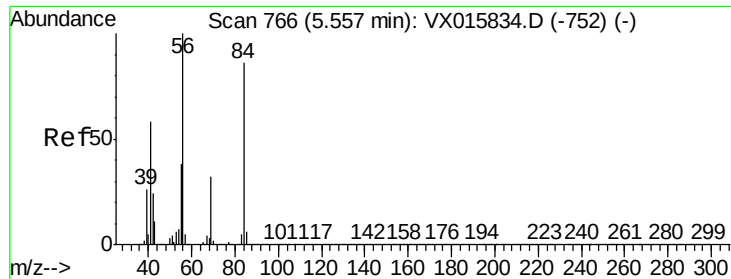
Ion	Ratio	Lower	Upper
83	100		
85	65.9	53.4	80.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

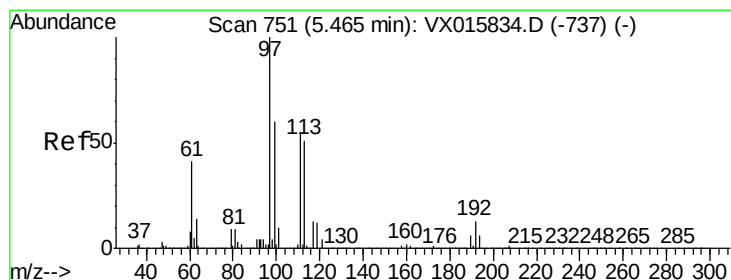
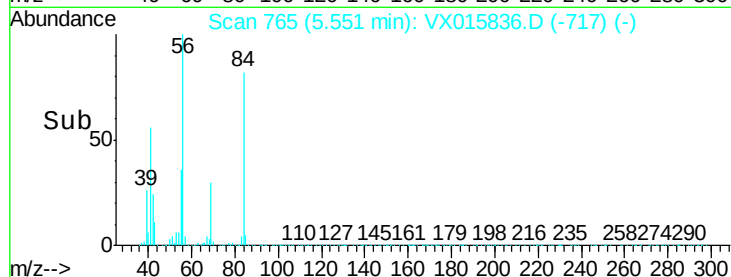
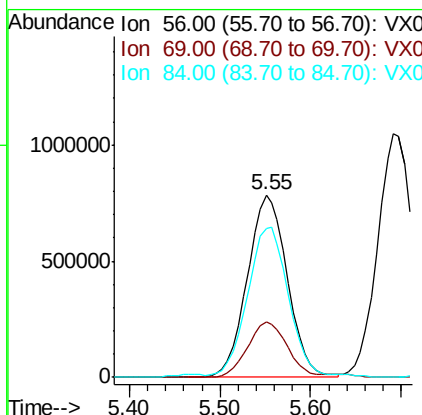
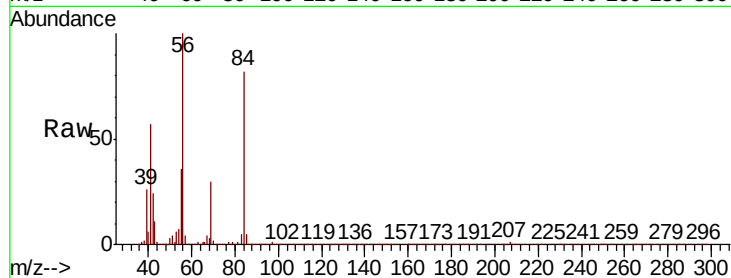




#31
Cyclohexane
Concen: 150.396 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

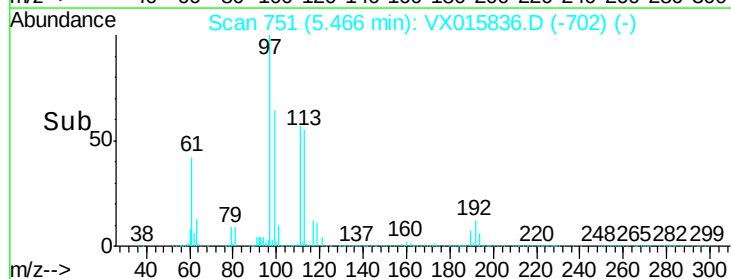
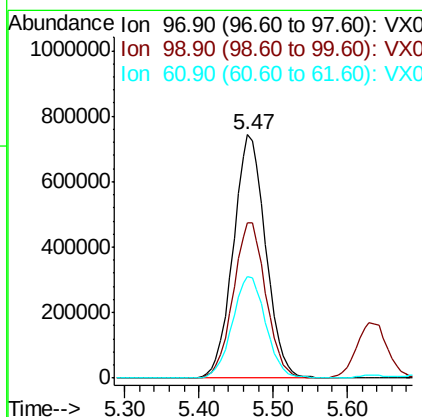
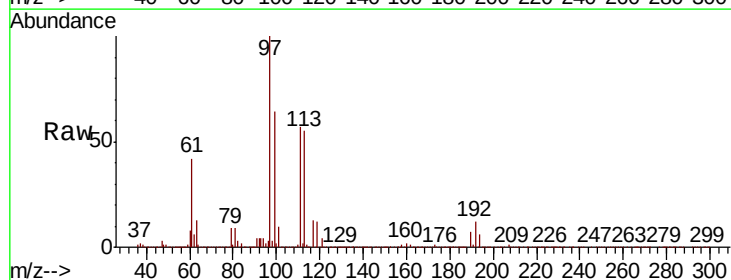
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

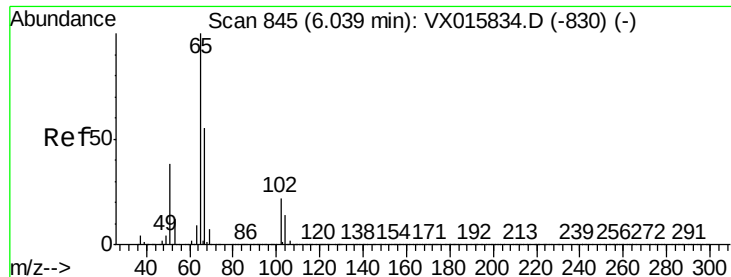
Tot Ion: 56 Resp: 2387948
Ion Ratio Lower Upper
56 100
69 30.2 25.3 37.9
84 80.3 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 154.064 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion: 97 Resp: 2261805
Ion Ratio Lower Upper
97 100
99 64.5 51.2 76.8
61 42.8 34.1 51.1

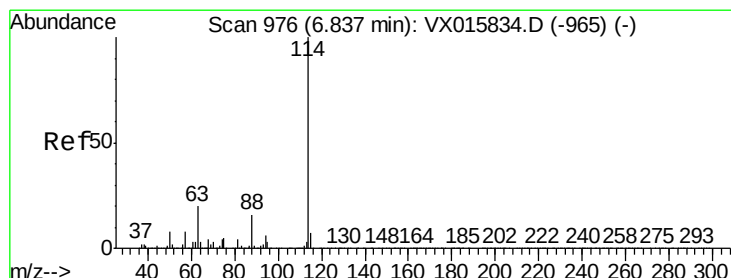
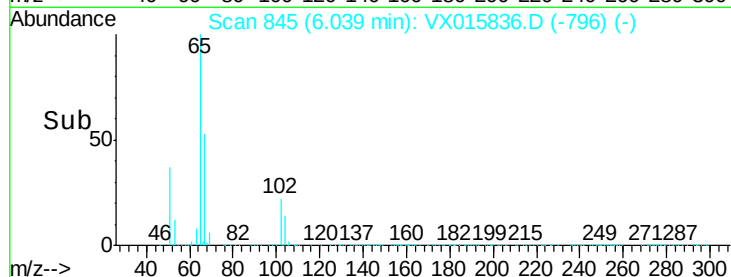
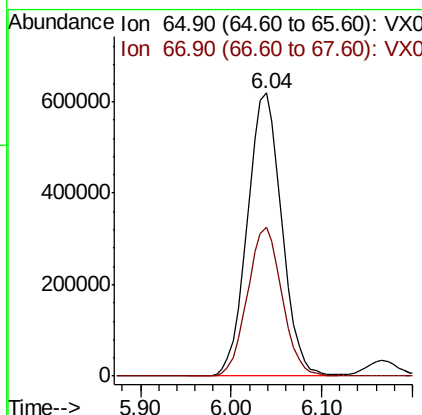
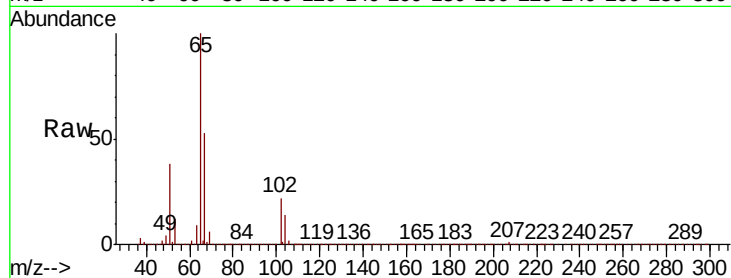




#33
 1,2-Dichloroethane-d4
 Concen: 144.845 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: VX015836.D
 Acq: 22 Apr 2020 11:51

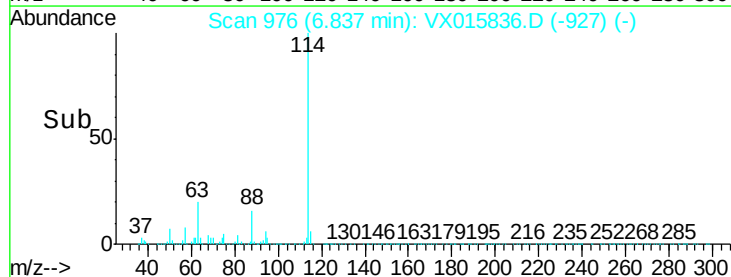
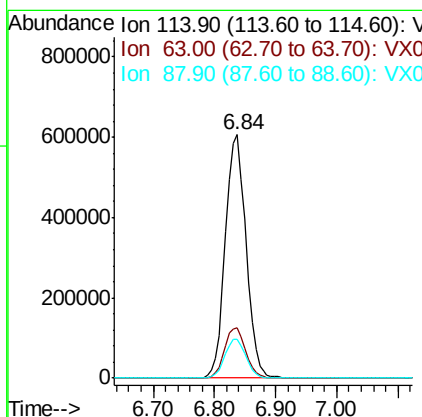
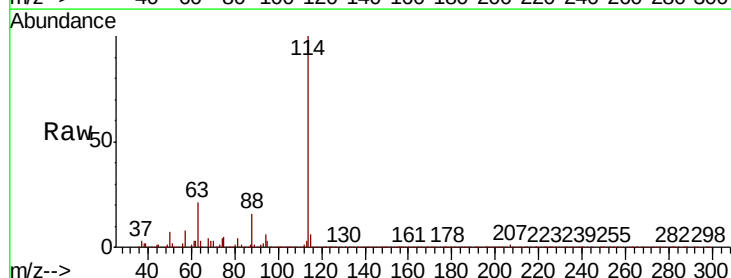
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

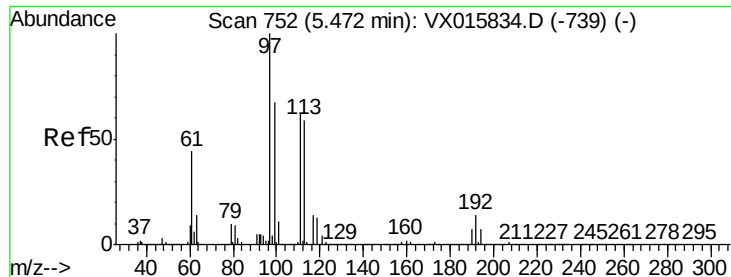
Tot Ion: 65 Resp: 1621622
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VX015836.D
 Acq: 22 Apr 2020 11:51

Tgt Ion: 114 Resp: 1415239
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.6
 88 15.8 0.0 32.8

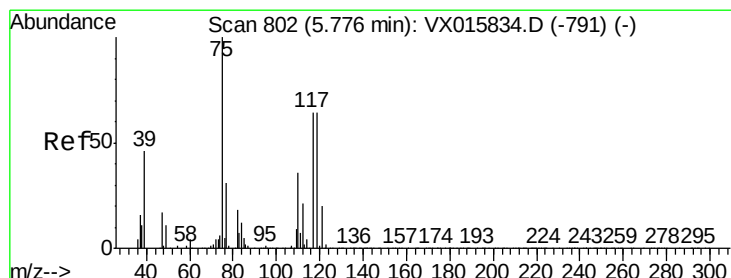
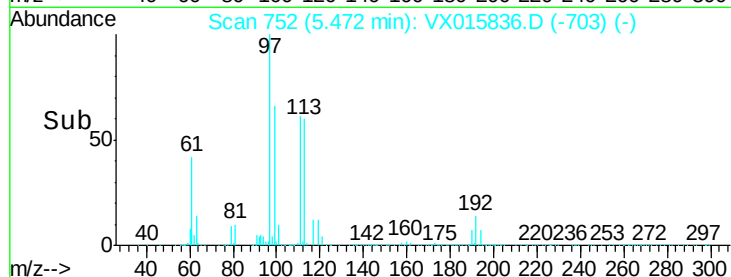
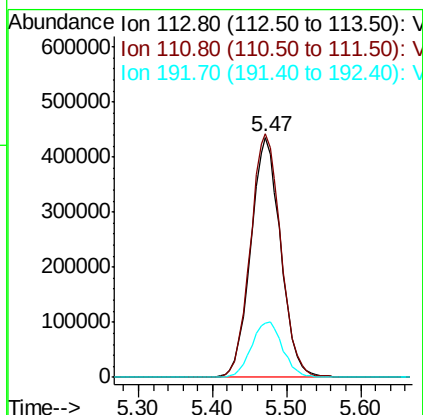
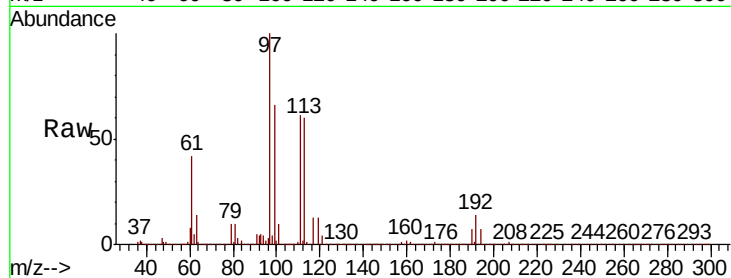




#35
 Dibromofluoromethane
 Concen: 136.626 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015836.D
 Acq: 22 Apr 2020 11:51

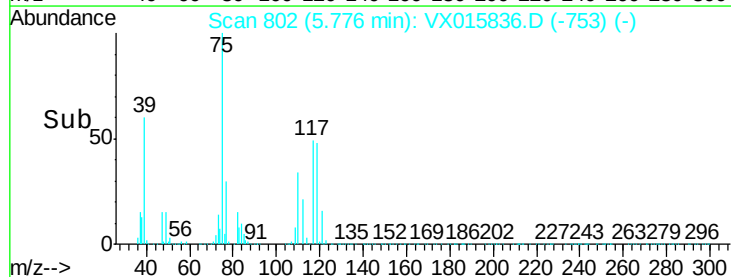
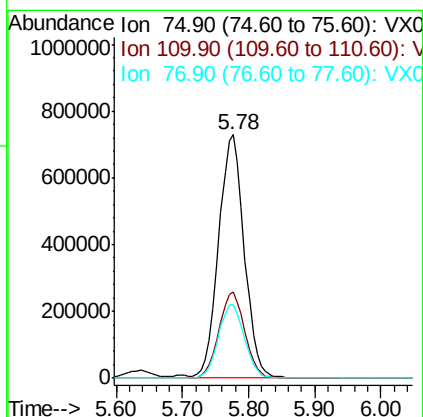
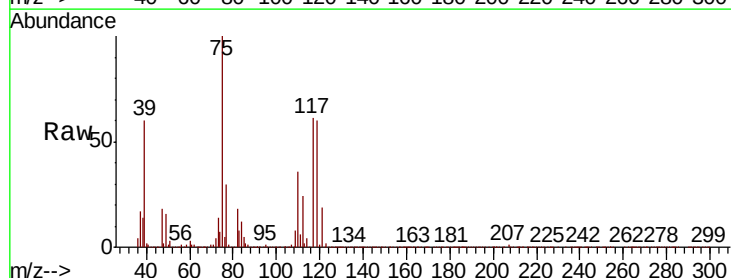
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

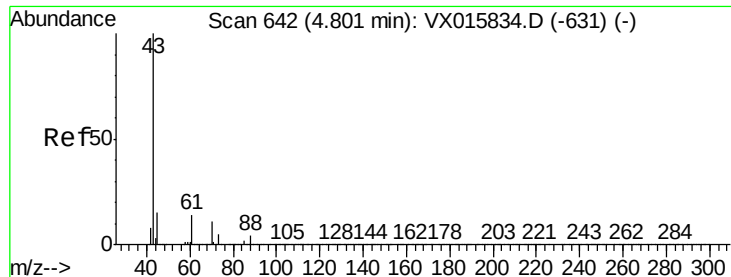
Tot Ion:113 Resp: 1222533
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.7 124.1
 192 24.2 19.3 28.9



#36
 1,1-Dichloropropene
 Concen: 156.667 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: VX015836.D
 Acq: 22 Apr 2020 11:51

Tgt Ion: 75 Resp: 1946072
 Ion Ratio Lower Upper
 75 100
 110 35.6 17.9 53.8
 77 30.6 24.5 36.7

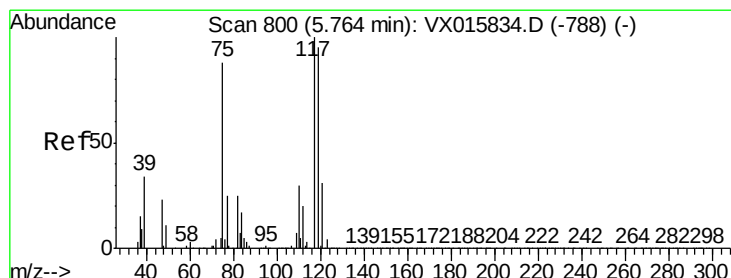
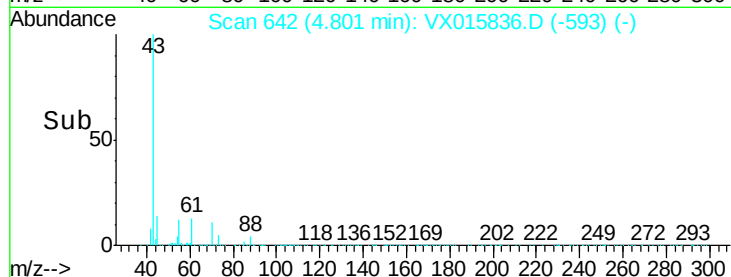
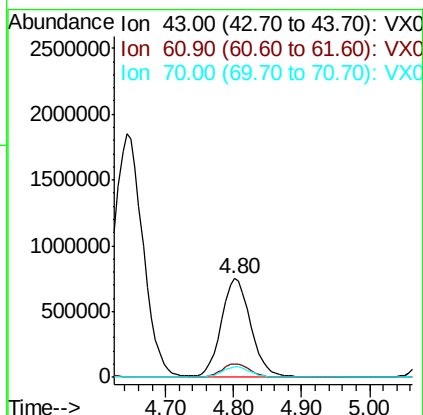
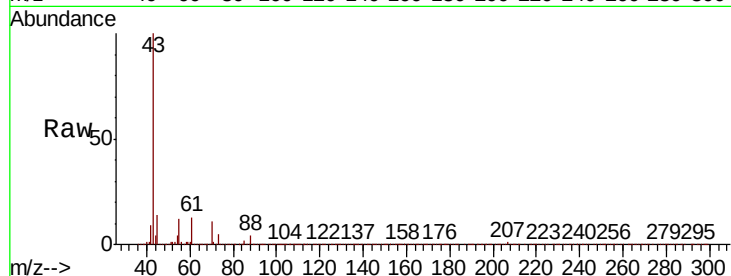




#37
Ethyl Acetate
Concen: 150.019 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

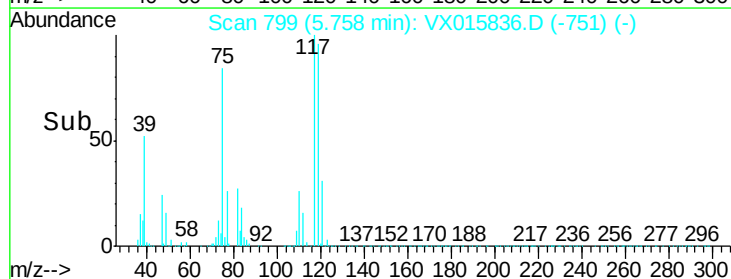
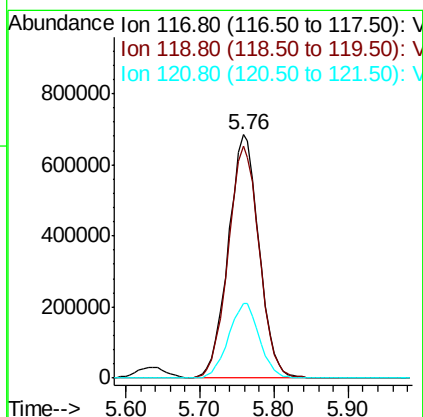
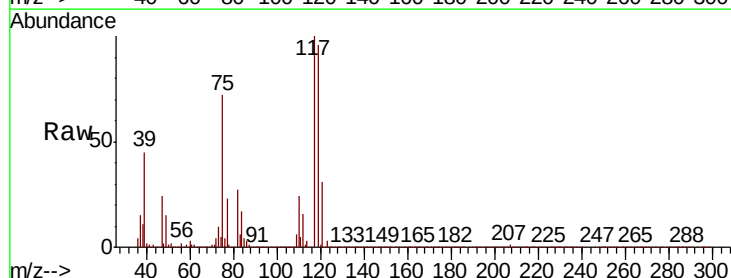
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

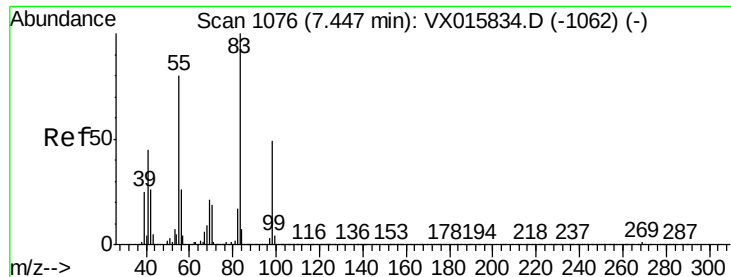
Tot Ion: 43 Resp: 2240998
Ion Ratio Lower Upper
43 100
61 13.0 10.8 16.2
70 10.4 8.2 12.2



#38
Carbon Tetrachloride
Concen: 163.085 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.01 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion: 117 Resp: 1967942
Ion Ratio Lower Upper
117 100
119 95.6 75.7 113.5
121 30.9 25.0 37.6



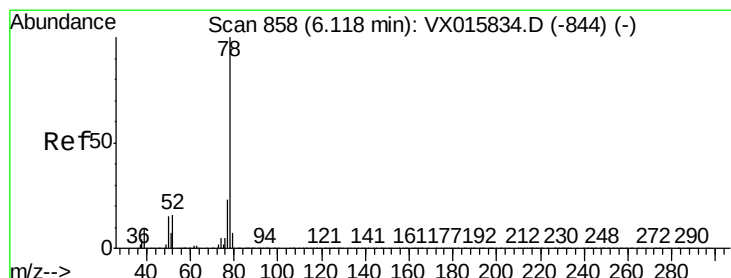
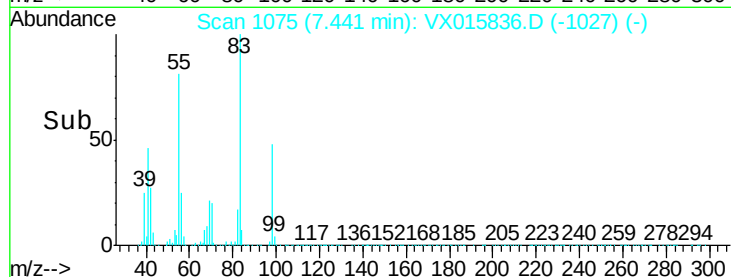
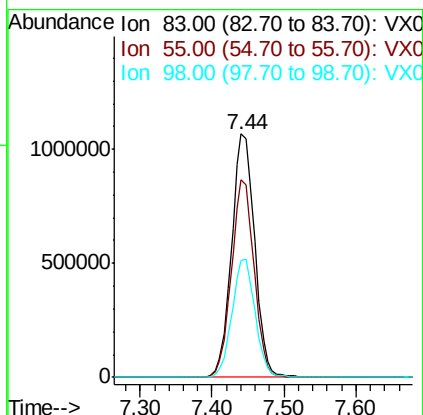
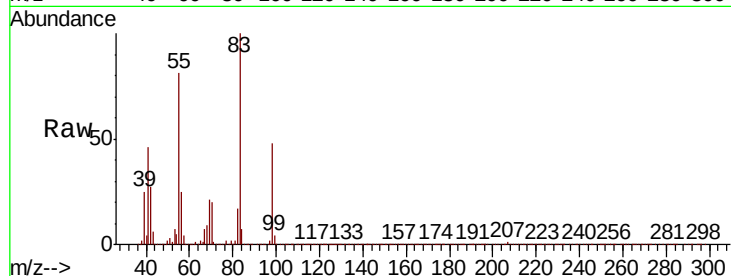


#39
Methylvlcyclohexane
Concen: 148.563 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 83 Resp: 2377441

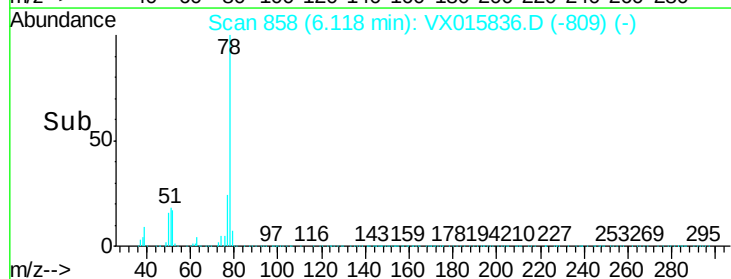
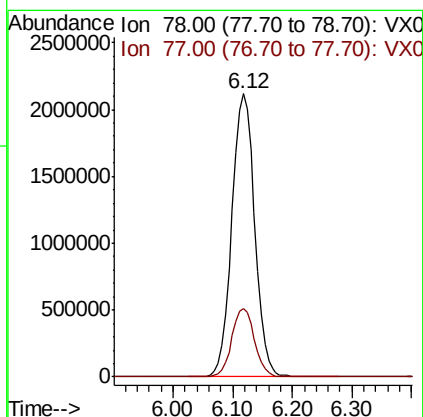
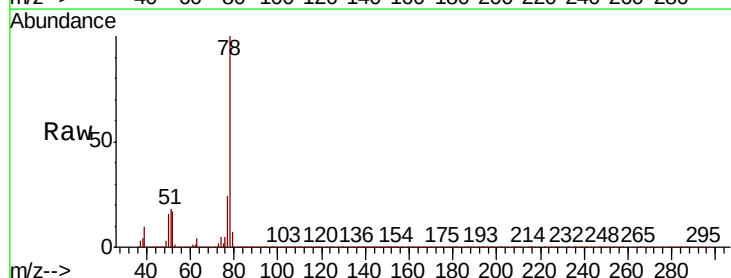
Ion	Ratio	Lower	Upper
83	100		
55	81.1	64.2	96.4
98	47.9	39.3	58.9

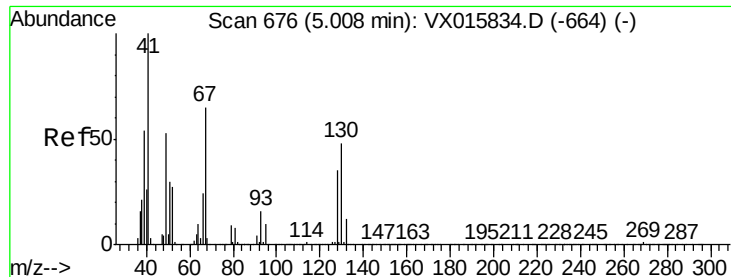


#40
Benzene
Concen: 148.400 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion: 78 Resp: 5645099

Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.6	27.8

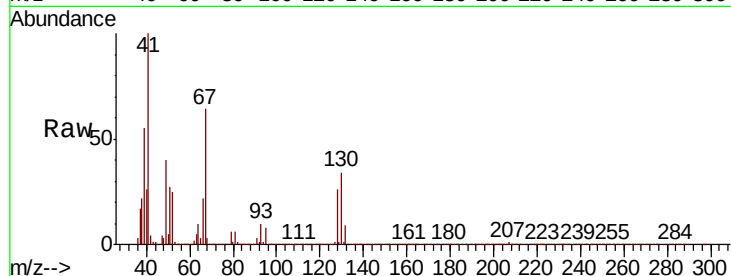




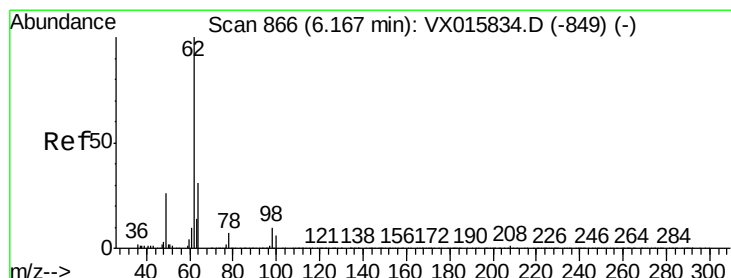
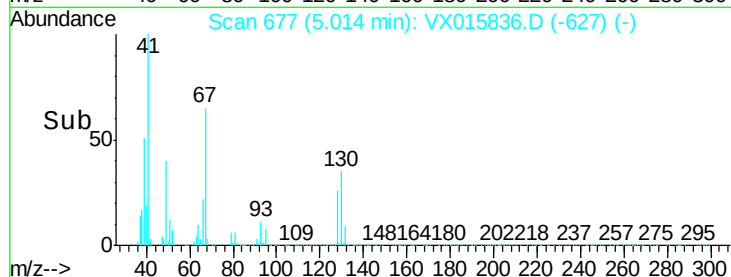
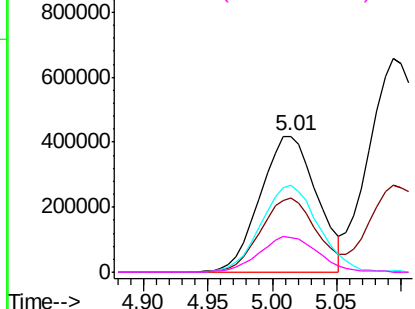
#41
Methacrylonitrile
Concen: 180.539 ug/l
RT: 5.01 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:	41	Resp:	1273407
Ion	Ratio	Lower	Upper
41	100		
39	55.1	42.4	63.6
67	65.3	51.9	77.9
52	27.6	21.0	31.4

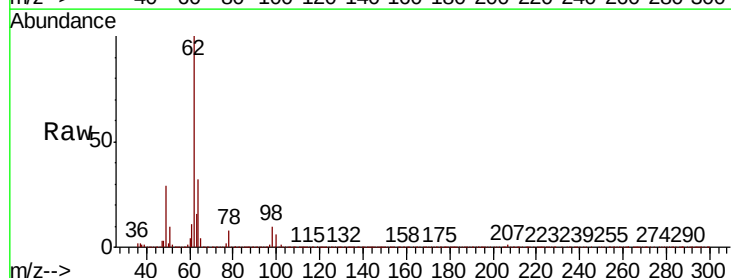


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

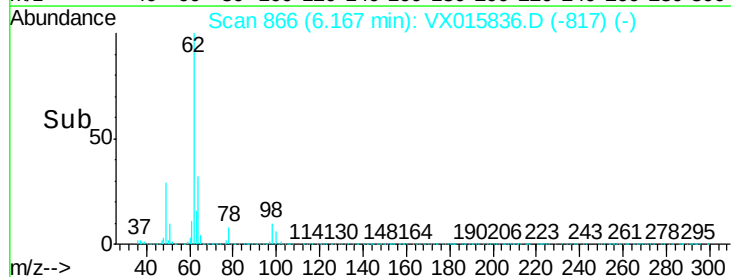
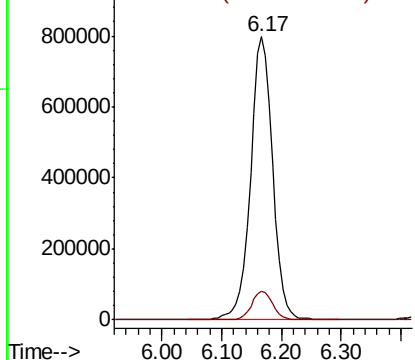


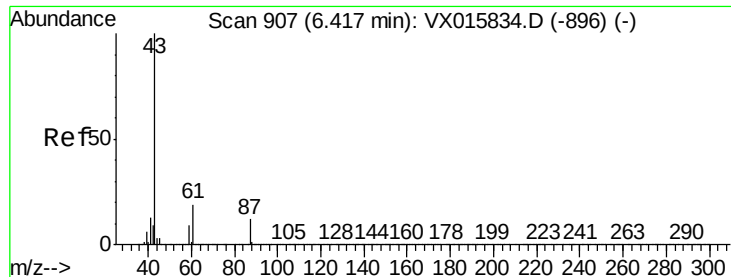
#42
1,2-Dichloroethane
Concen: 149.959 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion:	62	Resp:	2050571
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



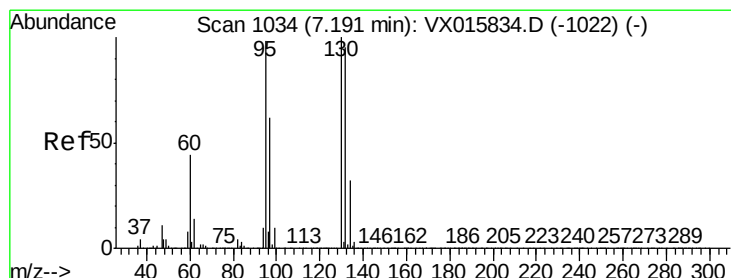
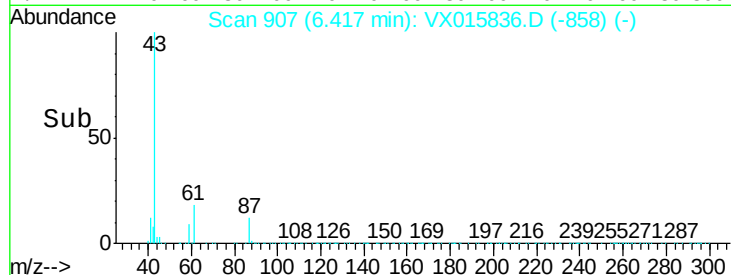
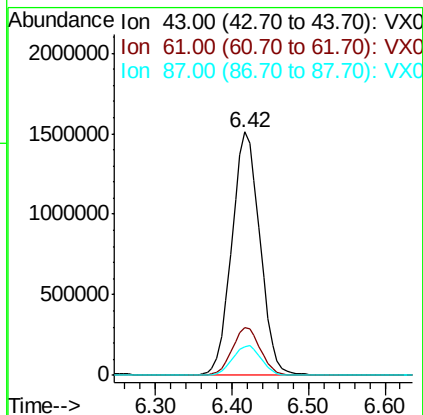
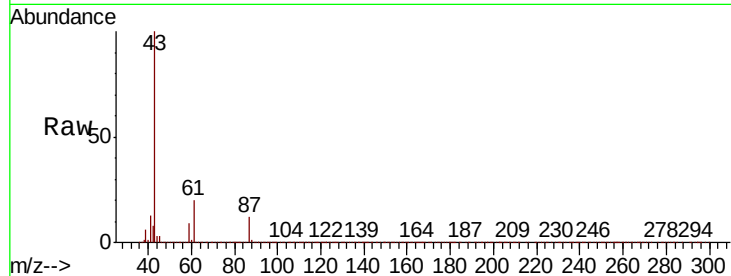


#43

Isopropyl Acetate
 Concen: 152.885 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015836.D
 Acq: 22 Apr 2020 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

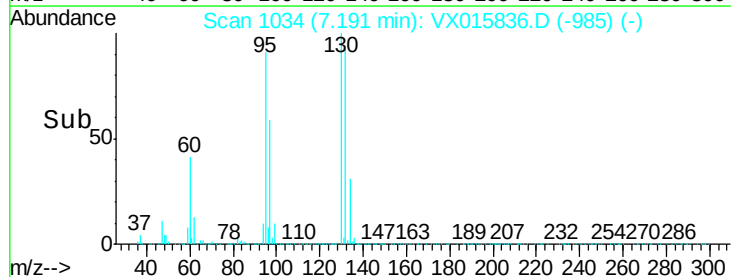
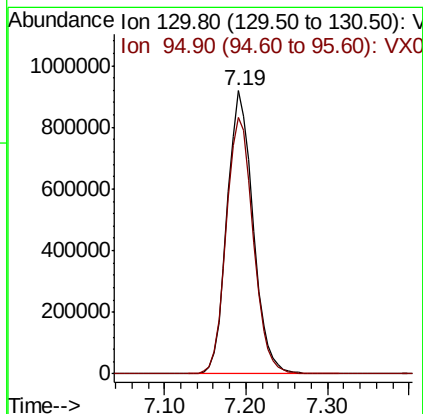
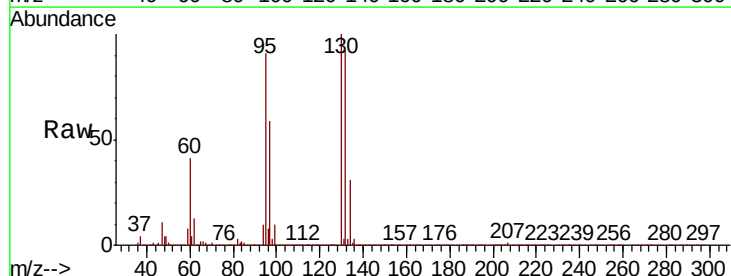
Tot Ion: 43 Resp: 3833070
 Ion Ratio Lower Upper
 43 100
 61 19.7 15.4 23.2
 87 12.5 9.8 14.6

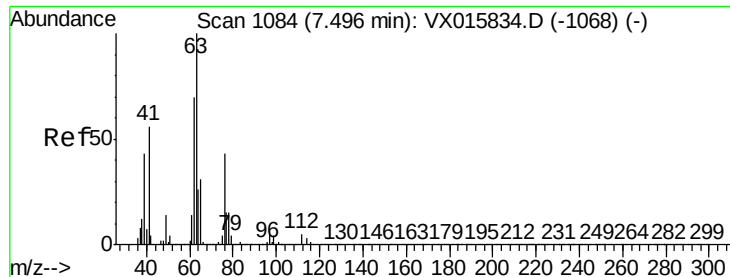


#44

Trichloroethene
 Concen: 151.962 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015836.D
 Acq: 22 Apr 2020 11:51

Tgt Ion: 130 Resp: 2020397
 Ion Ratio Lower Upper
 130 100
 95 90.6 0.0 195.8

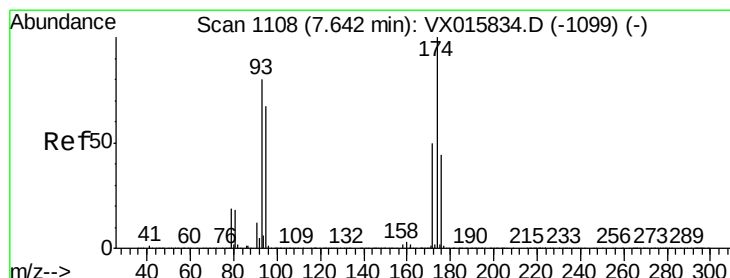
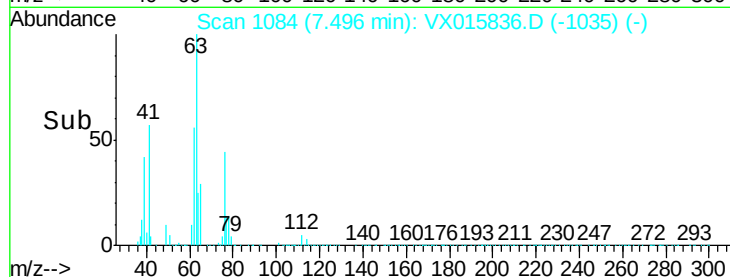
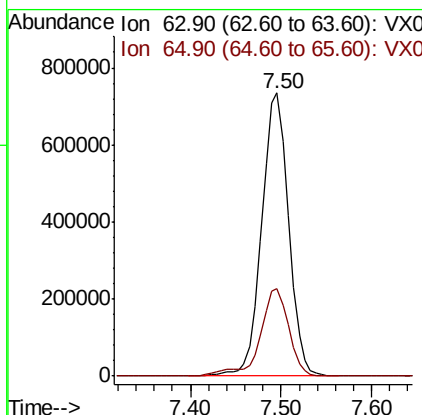
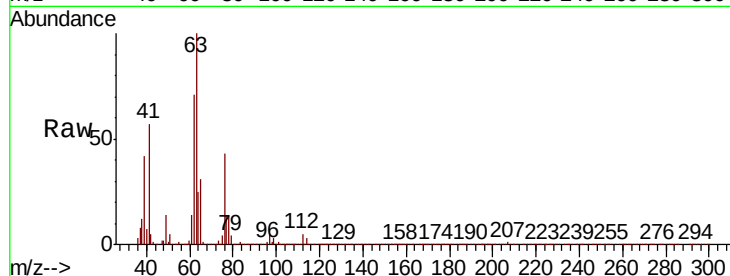




#45
 1,2-Dichloropropane
 Concen: 152.481 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015836.D
 Acq: 22 Apr 2020 11:51

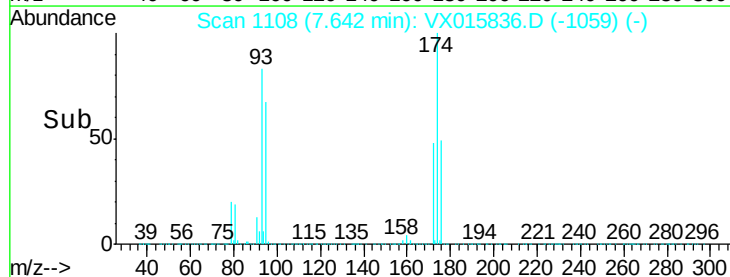
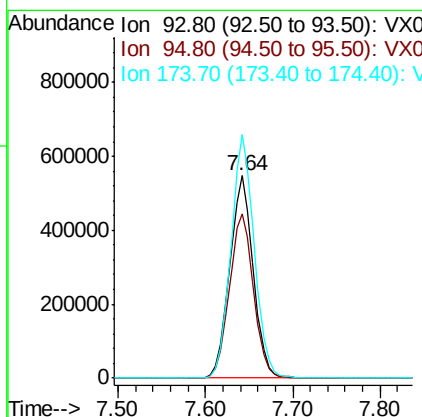
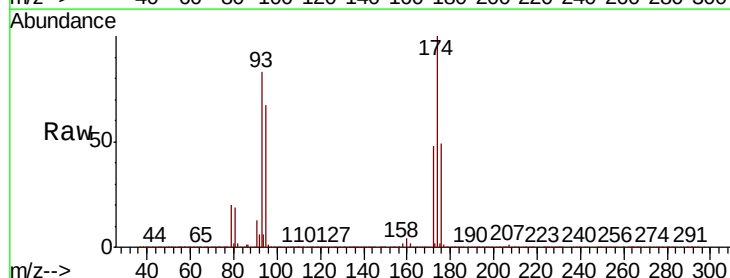
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

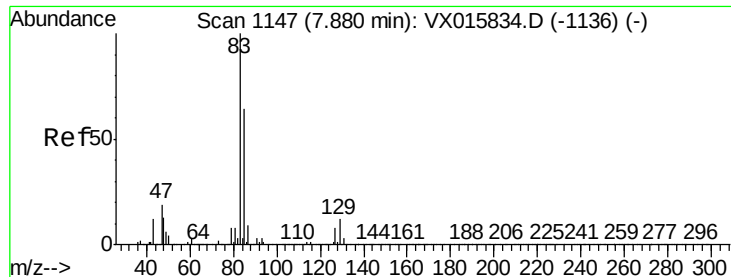
Tot Ion: 63 Resp: 1506794
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.5 36.7



#46
 Dibromomethane
 Concen: 137.939 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015836.D
 Acq: 22 Apr 2020 11:51

Tgt Ion: 93 Resp: 1026015
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.8 98.8
 174 119.6 95.6 143.4





#47

Bromodichloromethane

Concen: 162.286 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

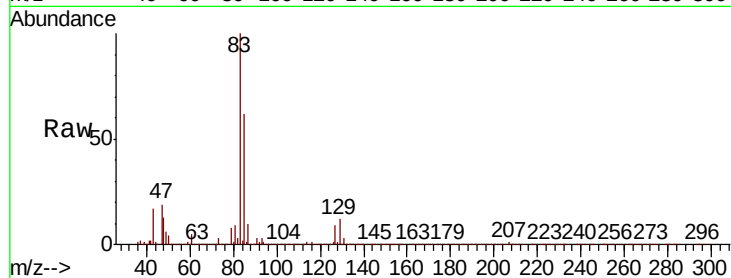
Tot Ion: 83 Resp: 2042409

Ion Ratio Lower Upper

83 100

85 62.4 50.8 76.2

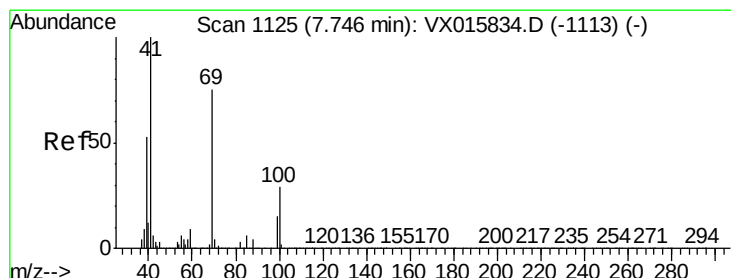
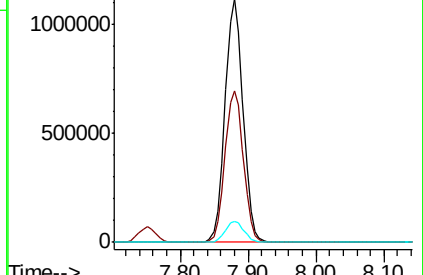
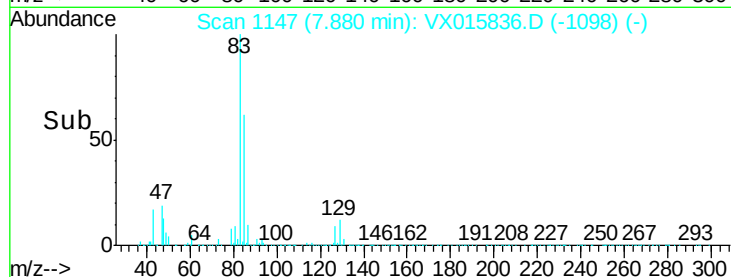
127 8.8 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 158.077 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. 0.01 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

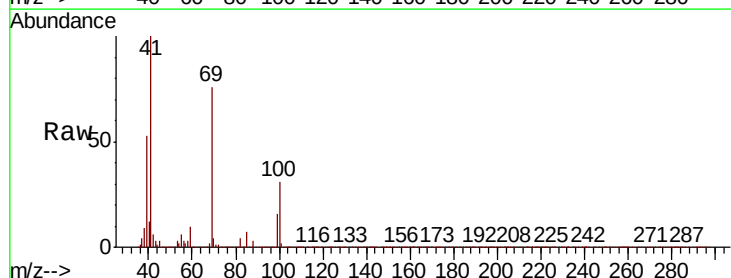
Tgt Ion: 41 Resp: 1929811

Ion Ratio Lower Upper

41 100

69 76.0 60.5 90.7

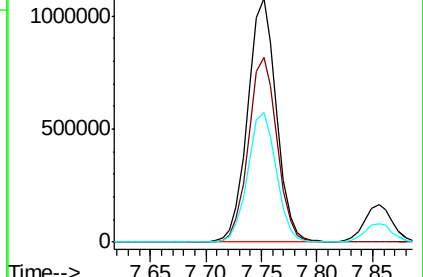
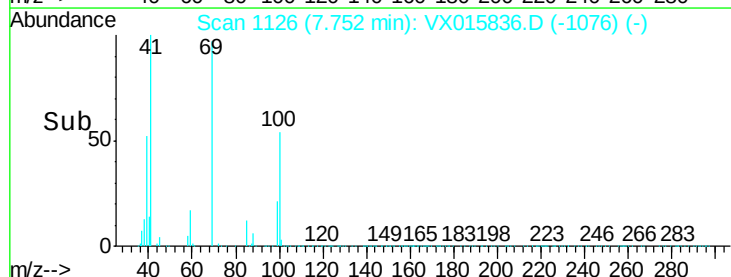
39 53.1 42.1 63.1

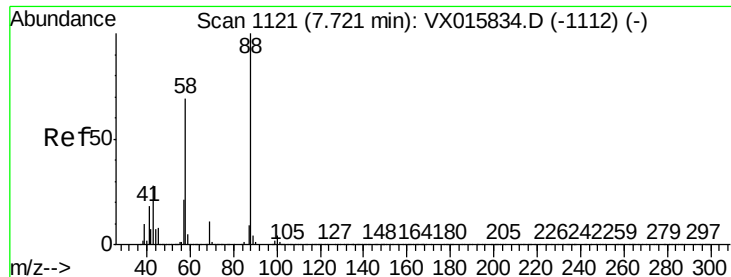


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

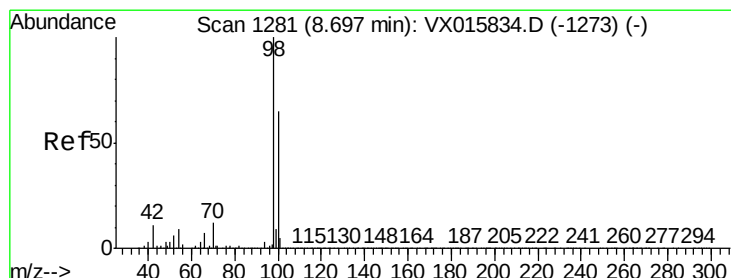
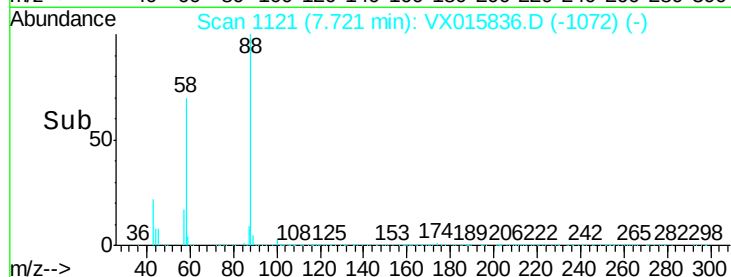
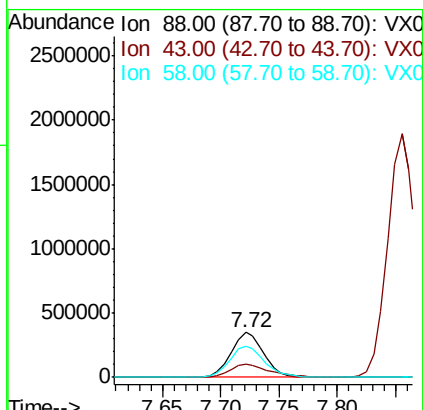
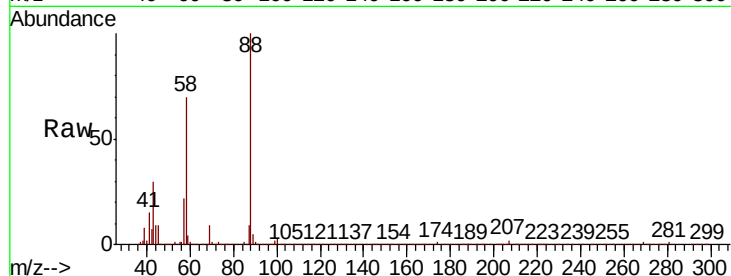




#49
1,4-Dioxane
Concen: 2852.494 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

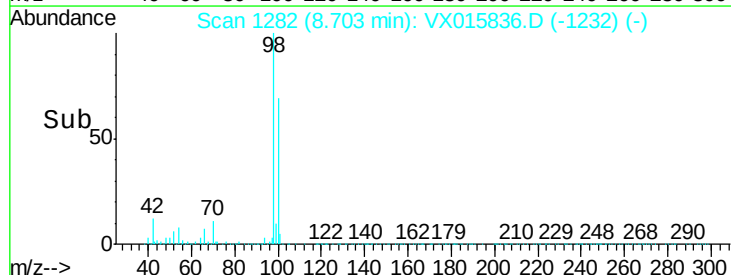
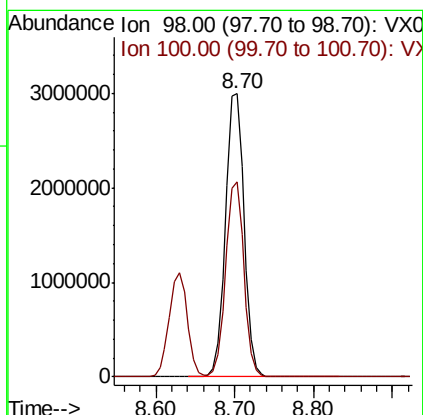
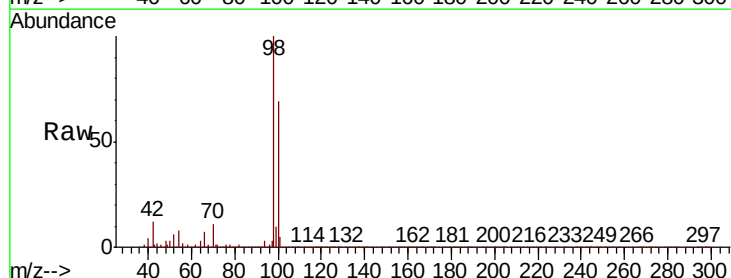
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

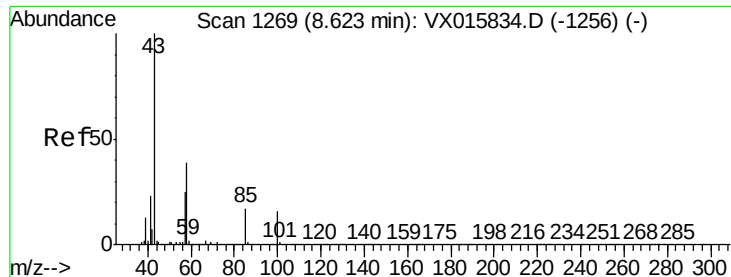
Tot Ion	88	Resp	676178
Ion	Ratio	Lower	Upper
88	100		
43	35.0	28.2	42.4
58	74.3	58.9	88.3



#50
Toluene-d8
Concen: 144.210 ug/l
RT: 8.70 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion	98	Resp	4910309
Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.8	80.6

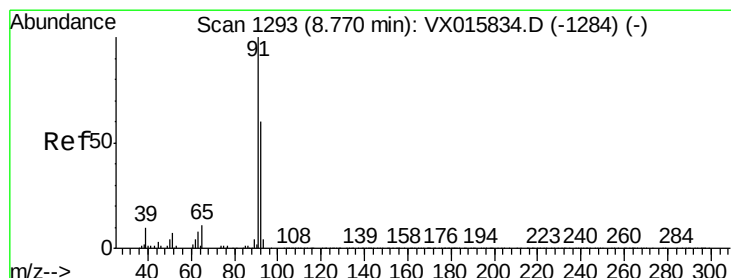
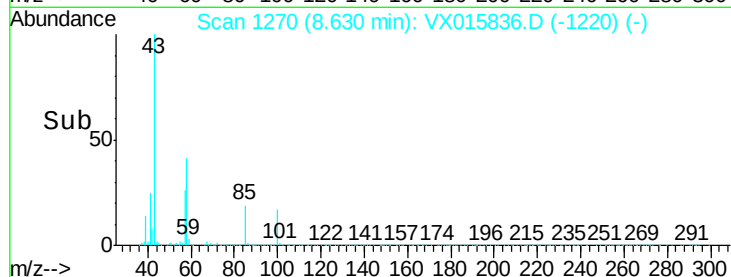
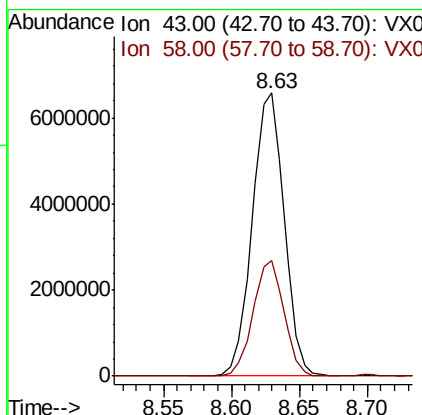
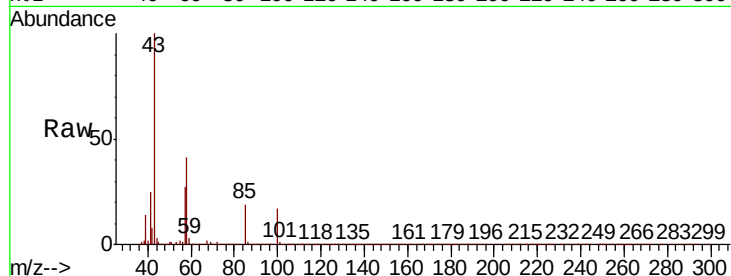




#51
 4-Methyl-2-Pentanone
 Concen: 746.449 ug/l
 RT: 8.63 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: VX015836.D
 Acq: 22 Apr 2020 11:51

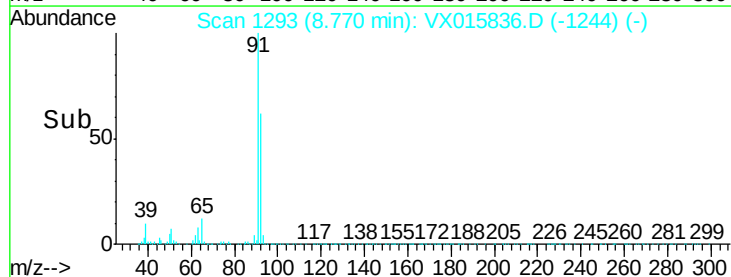
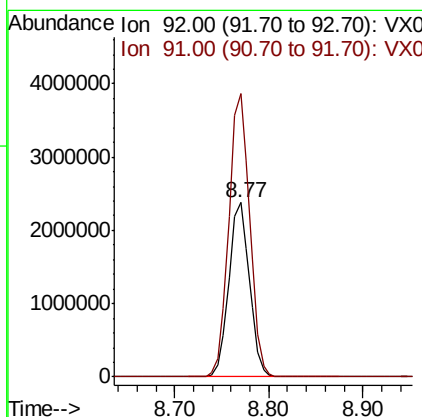
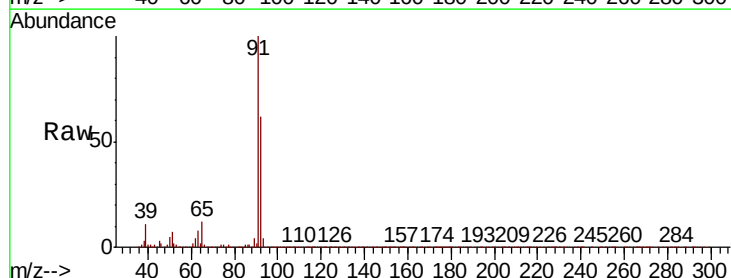
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

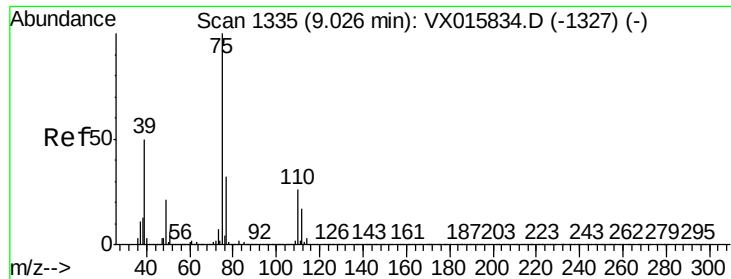
Tot Ion: 43 Resp:10849113
 Ion Ratio Lower Upper
 43 100
 58 39.5 30.6 45.8



#52
 Toluene
 Concen: 147.732 ug/l
 RT: 8.77 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX015836.D
 Acq: 22 Apr 2020 11:51

Tgt Ion: 92 Resp: 3606231
 Ion Ratio Lower Upper
 92 100
 91 165.1 133.4 200.0

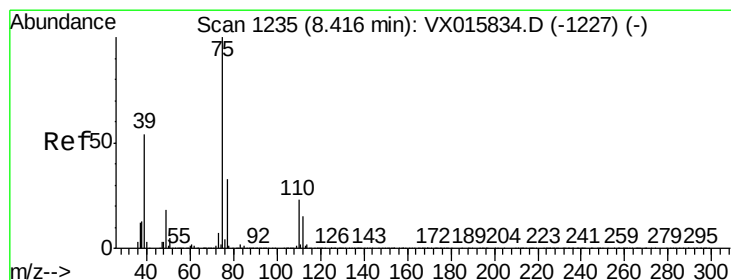
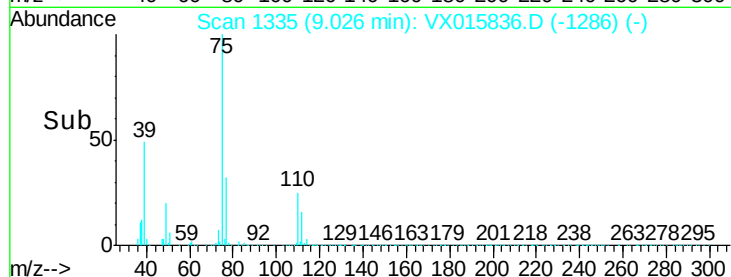
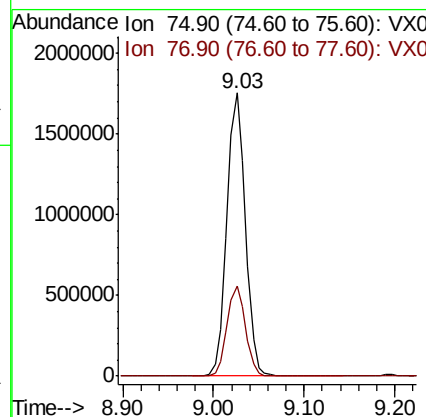
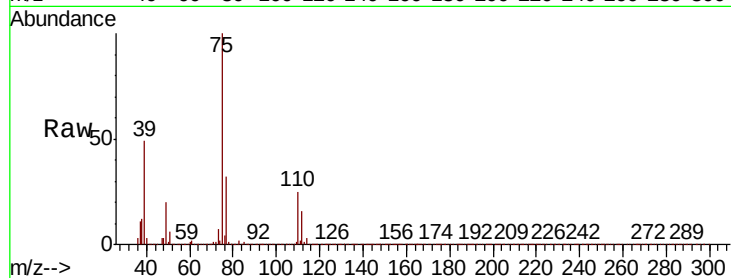




#53
 t-1,3-Dichloropropene
 Concen: 159.005 ug/l
 RT: 9.03 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: VX015836.D
 Acq: 22 Apr 2020 11:51

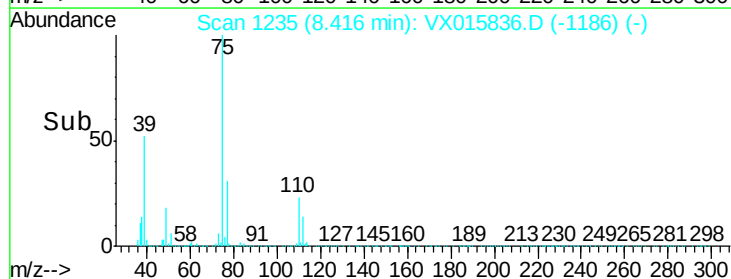
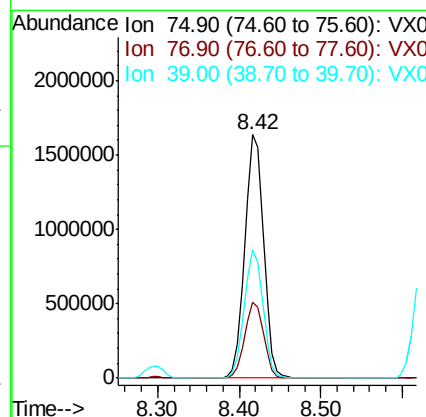
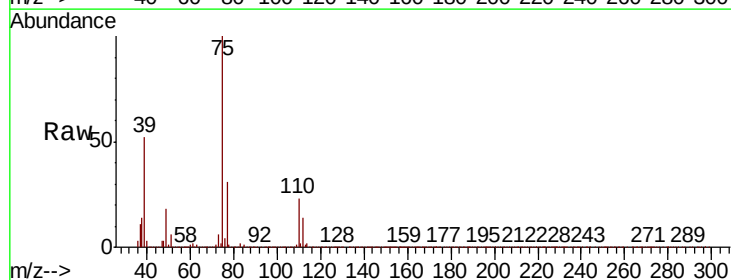
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

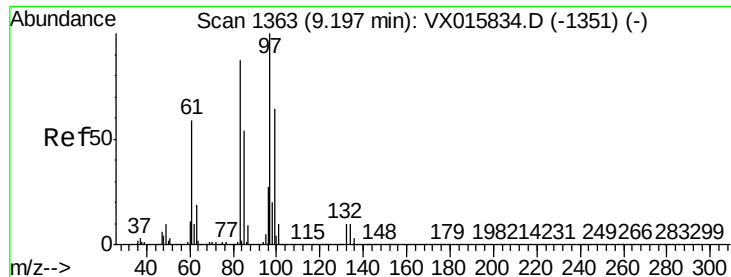
Tot Ion: 75 Resp: 2493063
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.9 38.9



#54
 cis-1,3-Dichloropropene
 Concen: 154.962 ug/l
 RT: 8.42 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VX015836.D
 Acq: 22 Apr 2020 11:51

Tgt Ion: 75 Resp: 2589753
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.0 39.0
 39 52.4 42.8 64.2





#55

1,1,2-Trichloroethane

Concen: 154.269 ug/l

RT: 9.20 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 97 Resp: 1451503

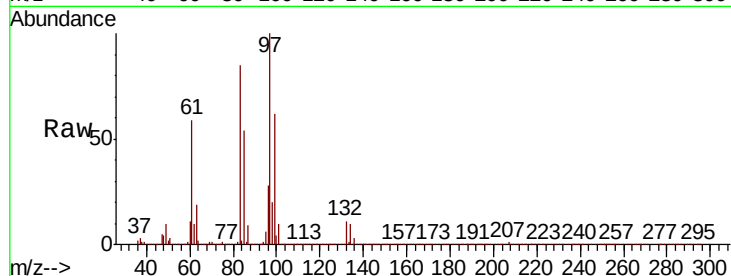
Ion Ratio Lower Upper

97 100

83 84.7 69.8 104.8

85 53.6 43.4 65.2

99 62.4 51.2 76.8



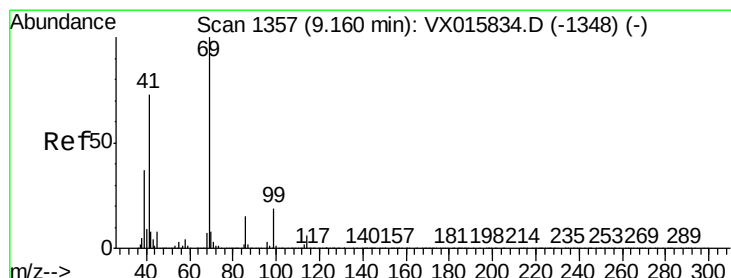
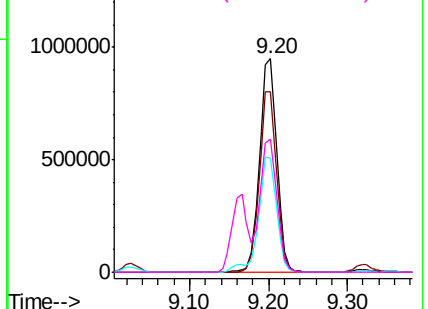
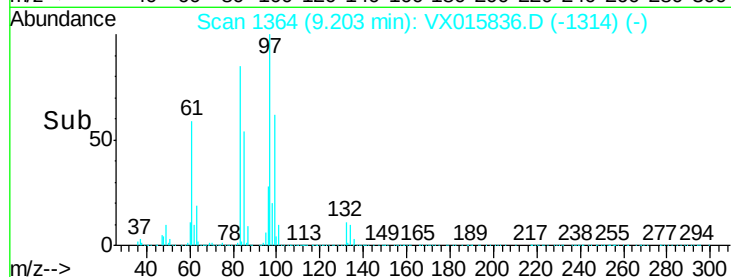
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 159.174 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

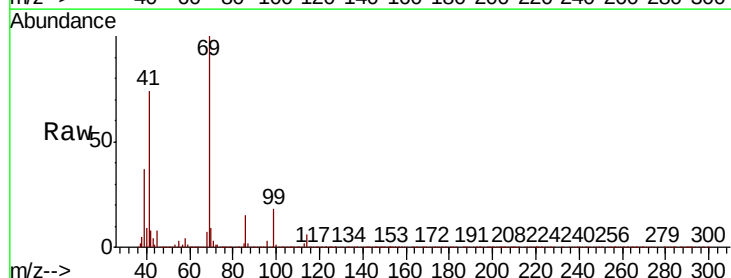
Tgt Ion: 69 Resp: 2510444

Ion Ratio Lower Upper

69 100

41 72.2 57.4 86.2

39 36.9 29.7 44.5

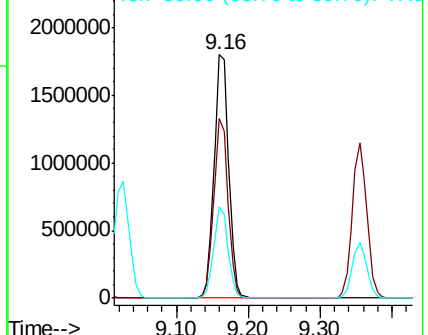
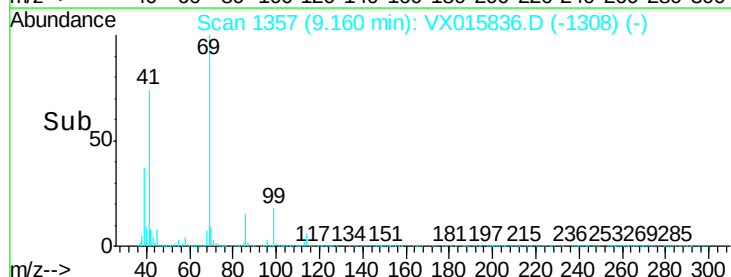


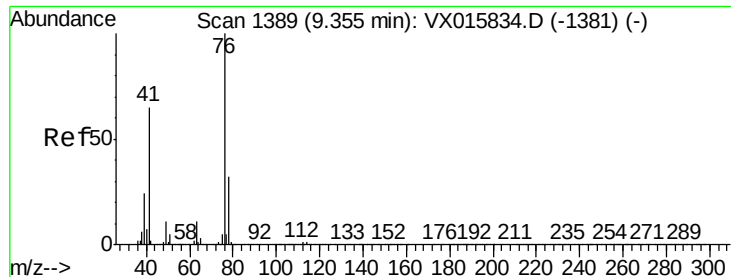
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 152.468 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

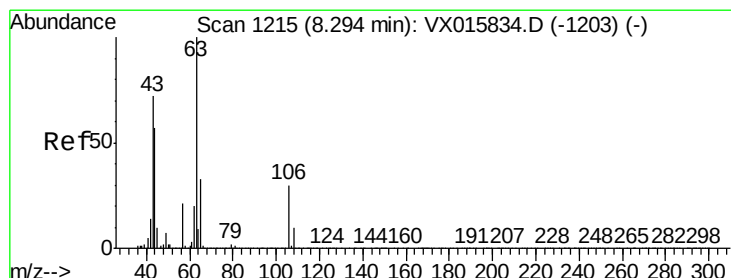
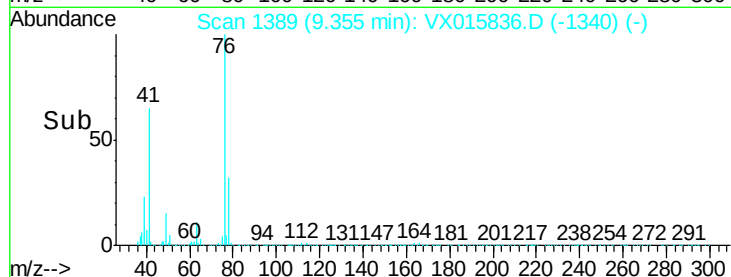
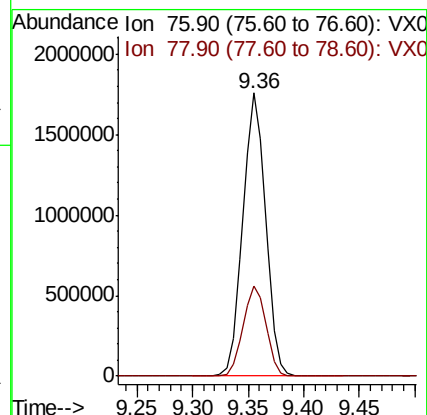
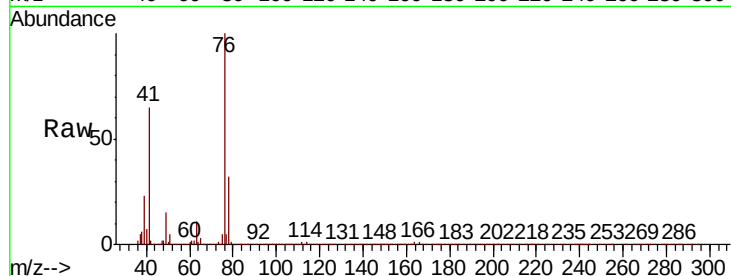
VSTDIC150

Tot Ion: 76 Resp: 2497749

Ion Ratio Lower Upper

76 100

78 32.1 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 762.974 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015836.D

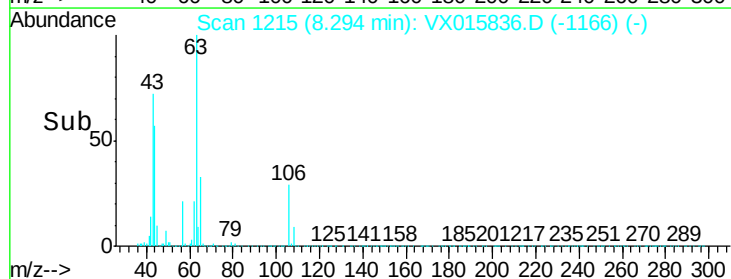
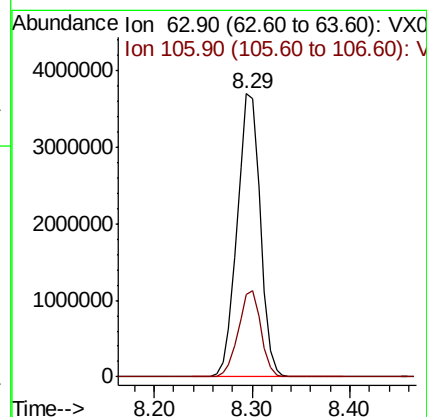
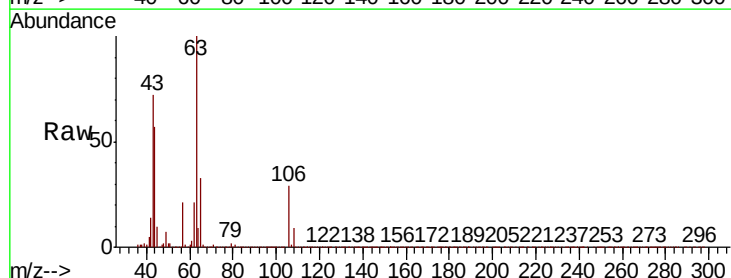
Acq: 22 Apr 2020 11:51

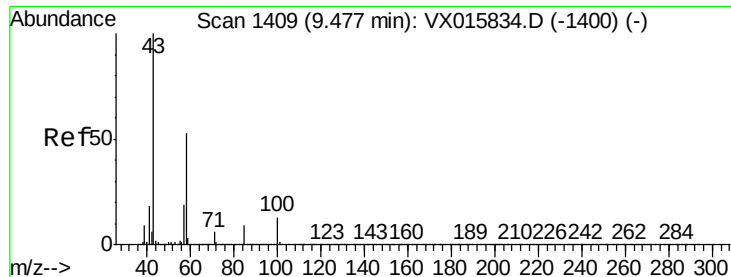
Tgt Ion: 63 Resp: 6073800

Ion Ratio Lower Upper

63 100

106 29.8 23.8 35.8

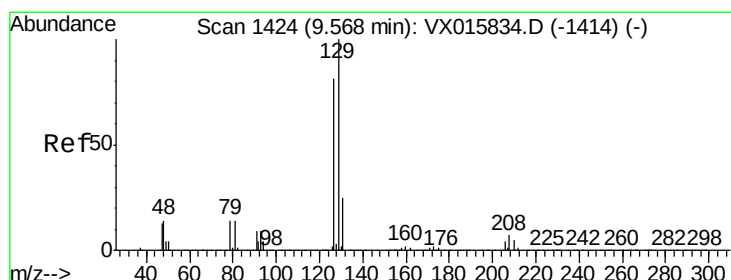
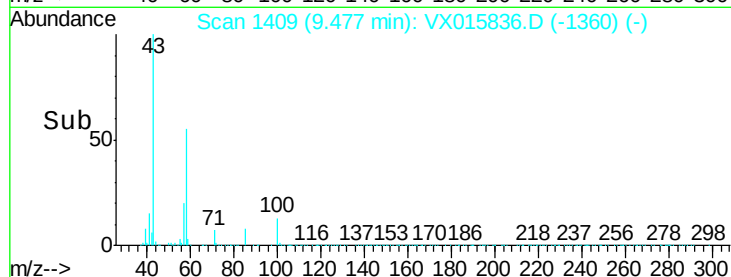
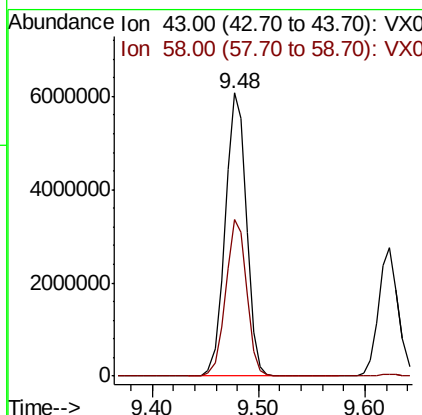
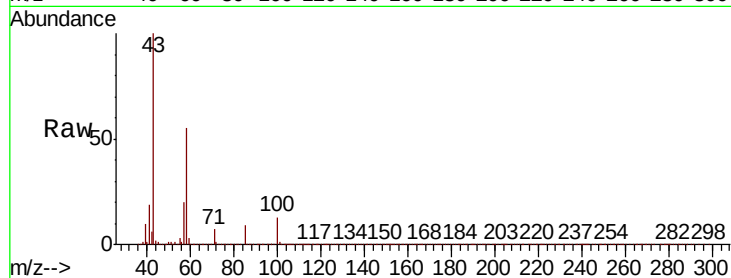




#59
2-Hexanone
Concen: 771.595 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

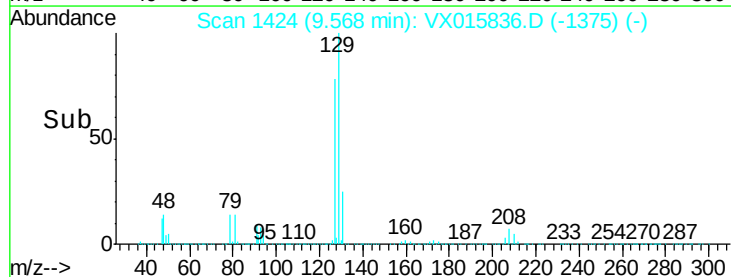
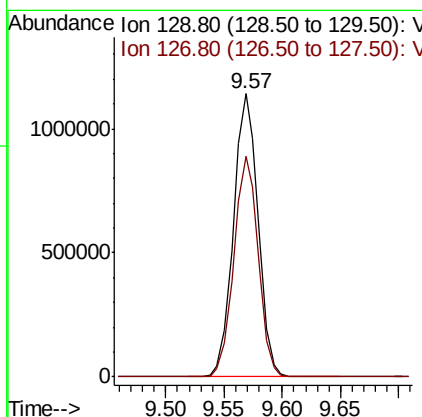
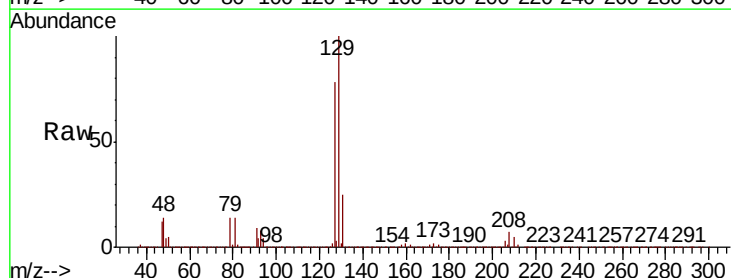
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

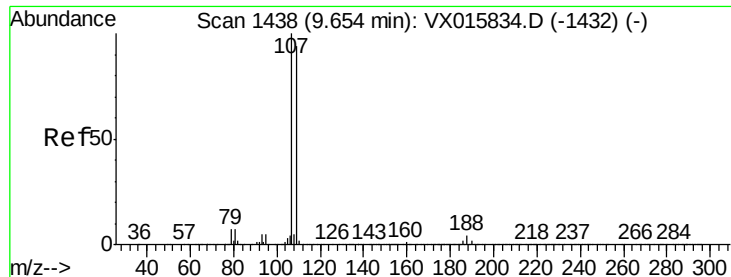
Tot Ion: 43 Resp: 8458799
Ion Ratio Lower Upper
43 100
58 54.6 26.5 79.4



#60
Dibromochloromethane
Concen: 182.196 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion: 129 Resp: 1676810
Ion Ratio Lower Upper
129 100
127 77.1 40.0 120.0





#61

1,2-Dibromoethane

Concen: 148.055 ug/l

RT: 9.66 min Scan# 1439

Delta R.T. 0.01 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

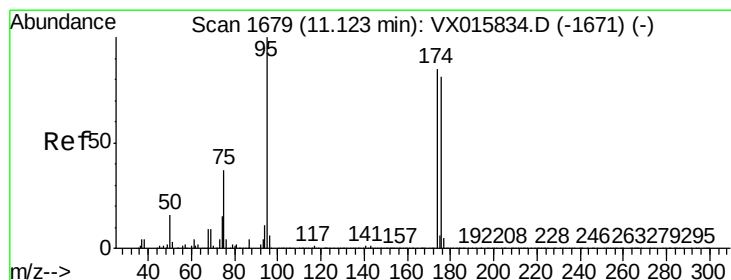
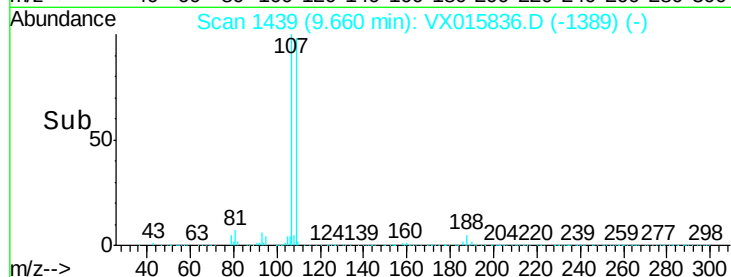
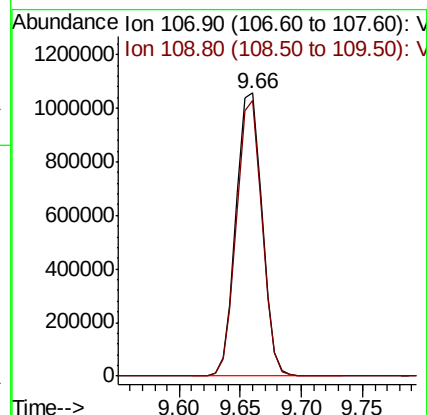
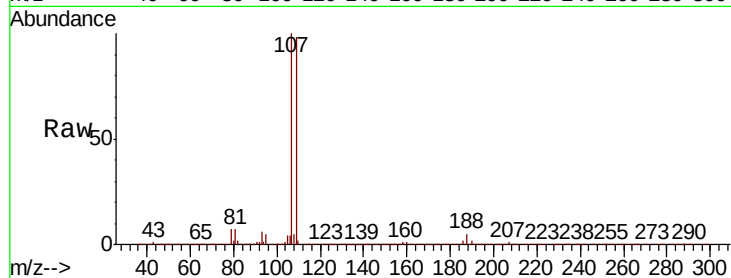
VSTDIC150

Tot Ion:107 Resp: 1555301

Ion Ratio Lower Upper

107 100

109 95.3 75.4 113.0



#62

4-Bromofluorobenzene

Concen: 140.440 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

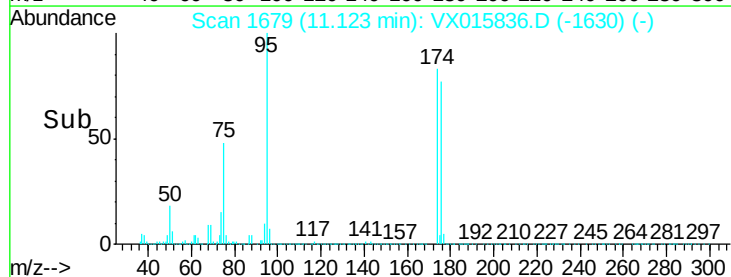
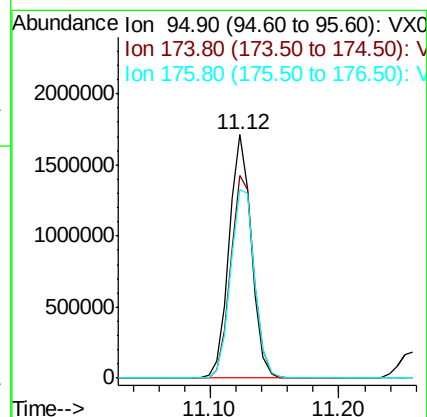
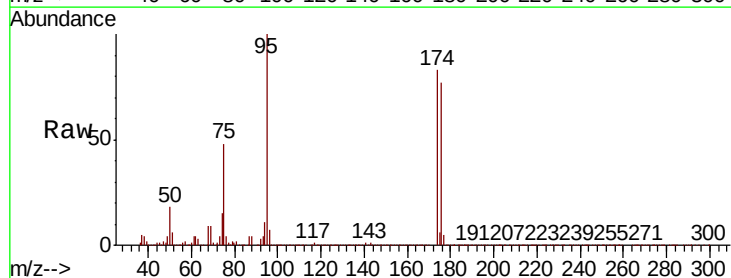
Tgt Ion: 95 Resp: 2093505

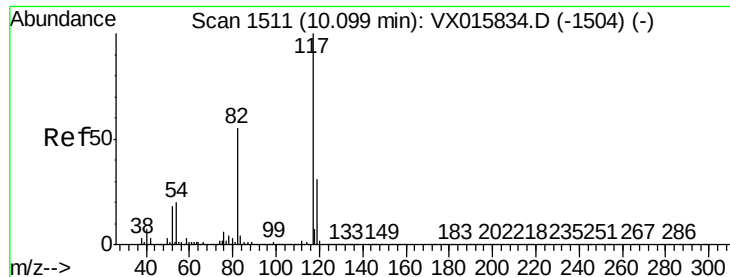
Ion Ratio Lower Upper

95 100

174 86.8 0.0 172.4

176 83.4 0.0 167.0

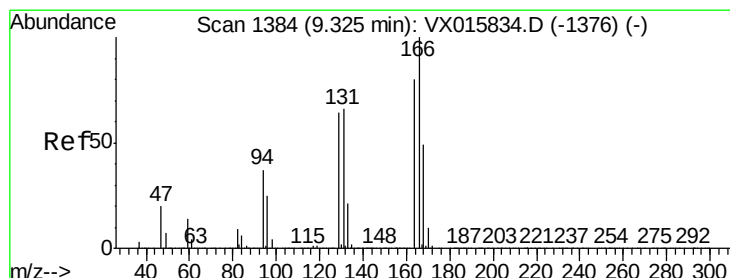
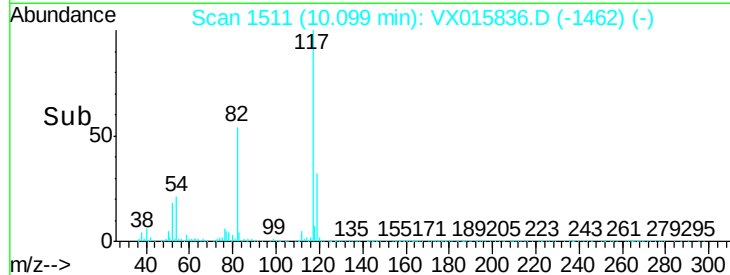
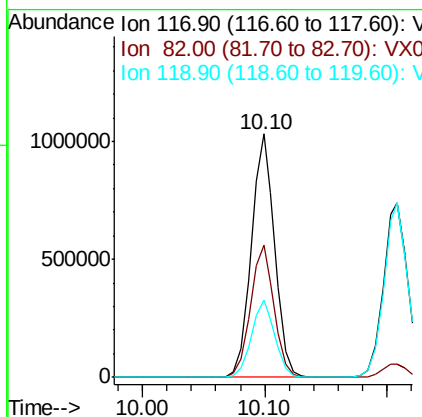
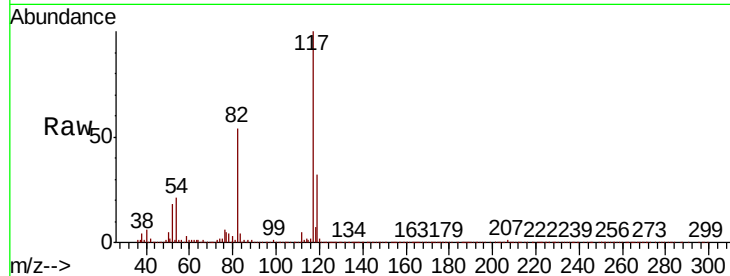




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

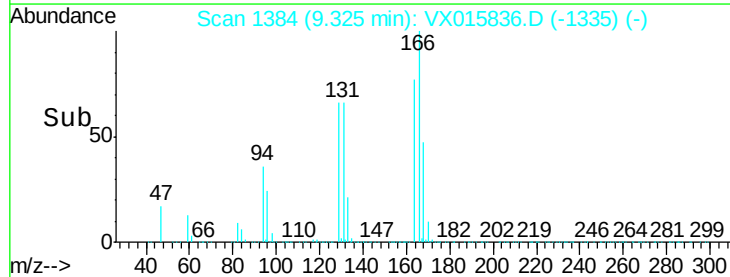
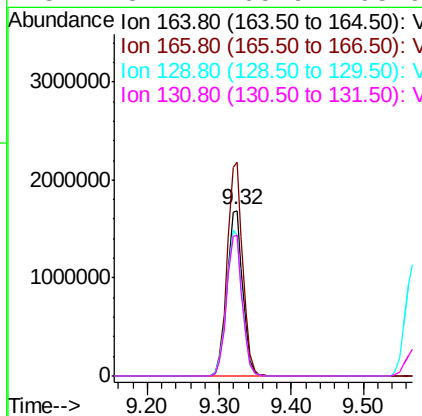
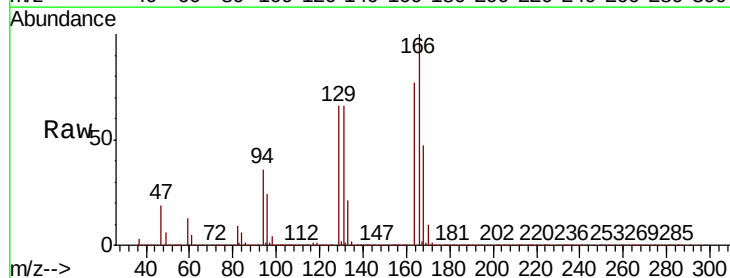
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

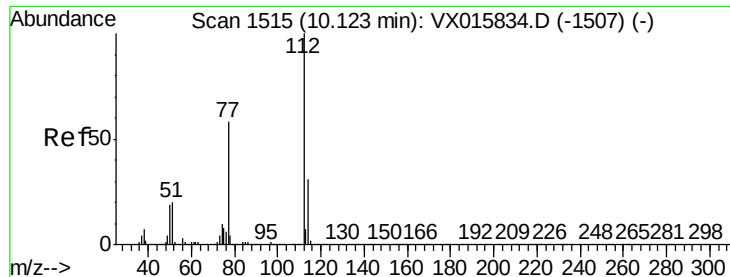
Tot Ion:117 Resp: 1364874
Ion Ratio Lower Upper
117 100
82 54.2 43.9 65.9
119 31.9 25.1 37.7



#64
Tetrachloroethene
Concen: 133.755 ug/l
RT: 9.32 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion:164 Resp: 2558084
Ion Ratio Lower Upper
164 100
166 129.1 100.2 150.2
129 84.8 64.5 96.7
131 84.7 65.9 98.9





#65

Chlorobenzene

Concen: 144.775 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

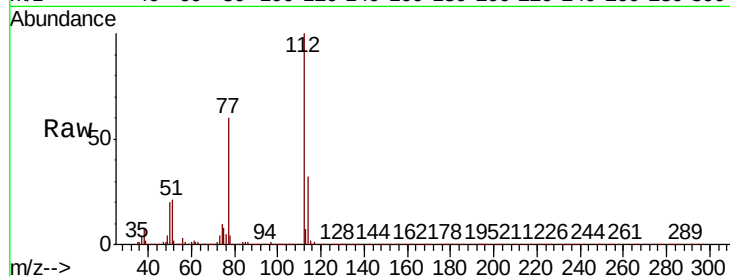
VSTDIC150

Tot Ion:112 Resp: 3990445

Ion Ratio Lower Upper

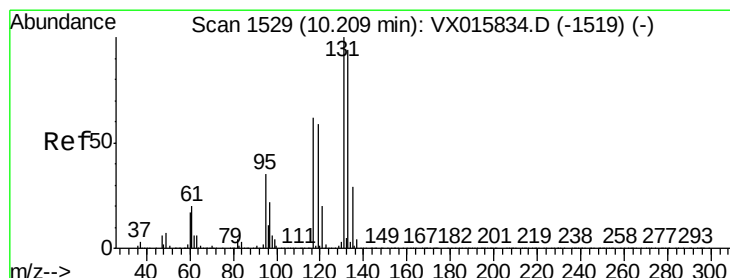
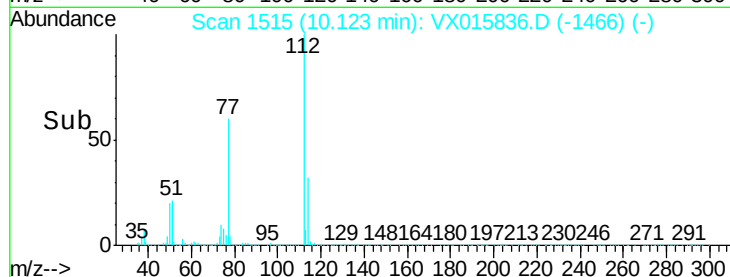
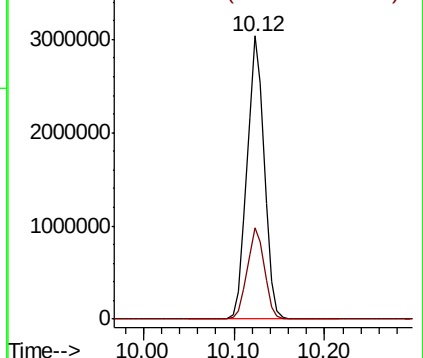
112 100

114 32.3 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 155.391 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

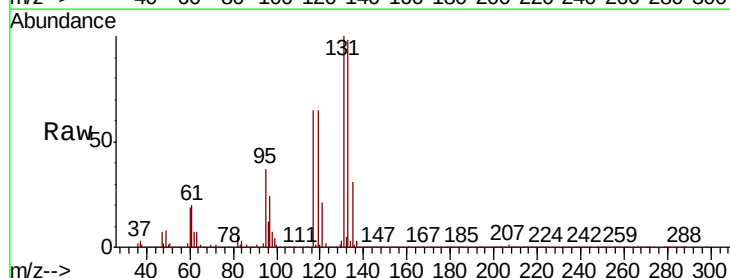
Tgt Ion:131 Resp: 1571057

Ion Ratio Lower Upper

131 100

133 95.7 47.0 141.2

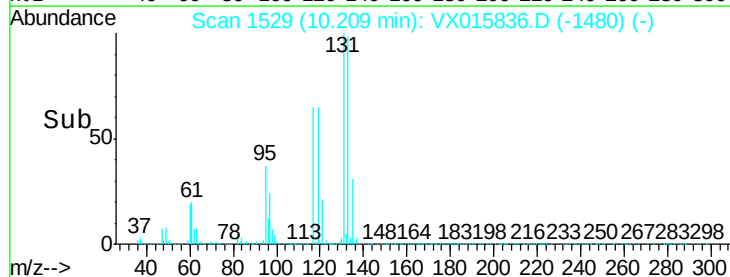
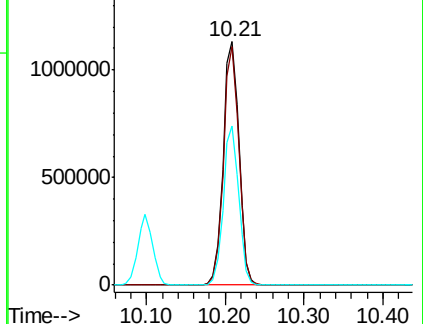
119 63.6 30.9 92.8

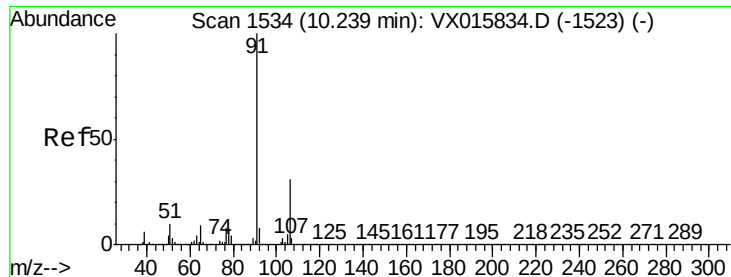


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 142.516 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

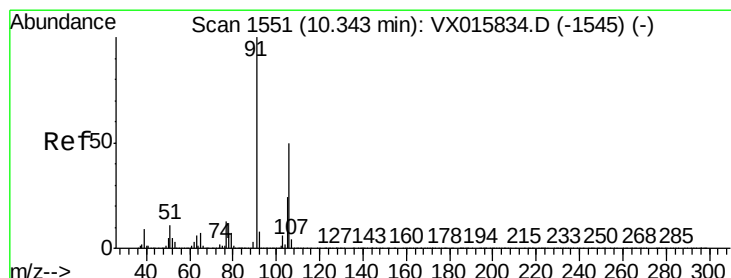
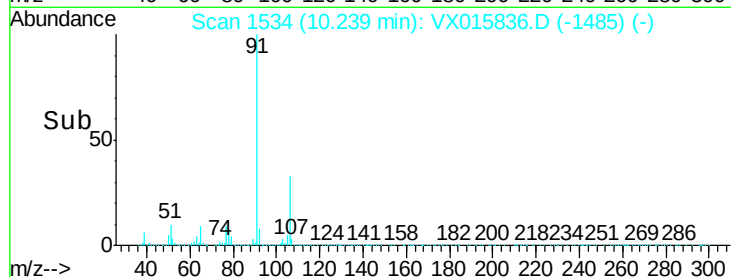
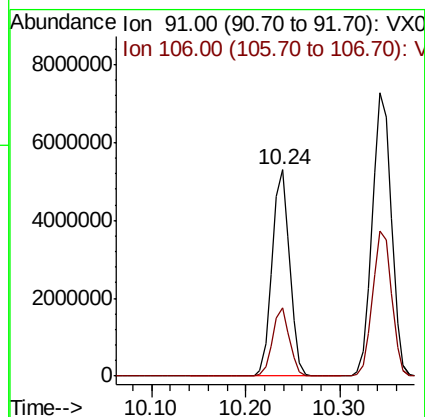
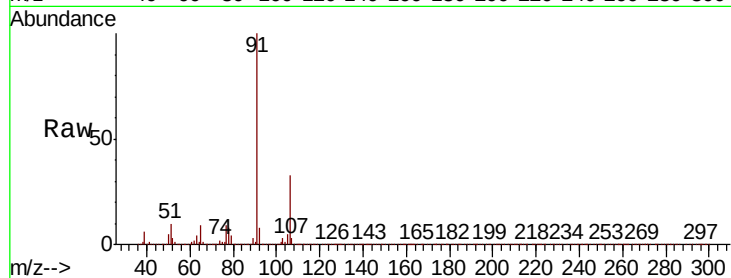
VSTDIC150

Tot Ion: 91 Resp: 6947660

Ion Ratio Lower Upper

91 100

106 32.8 25.0 37.4



#68

m/p-Xylenes

Concen: 287.382 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015836.D

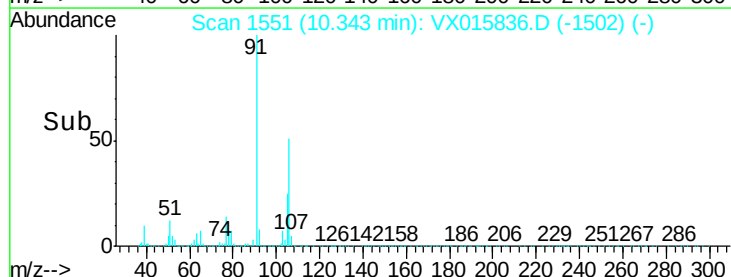
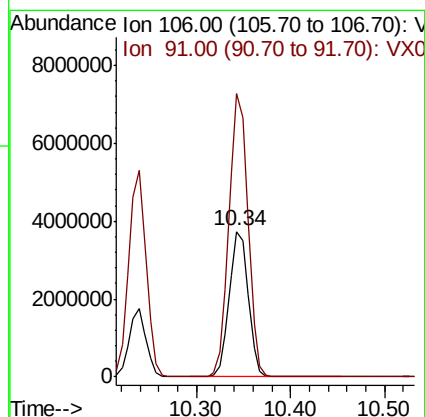
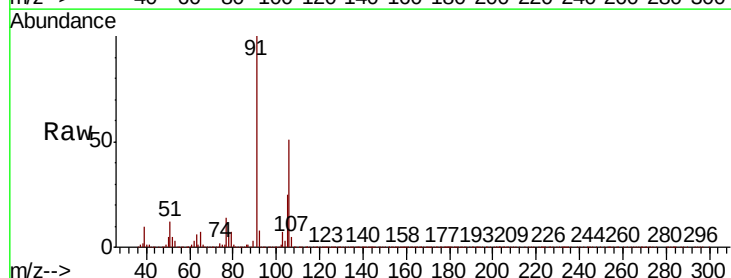
Acq: 22 Apr 2020 11:51

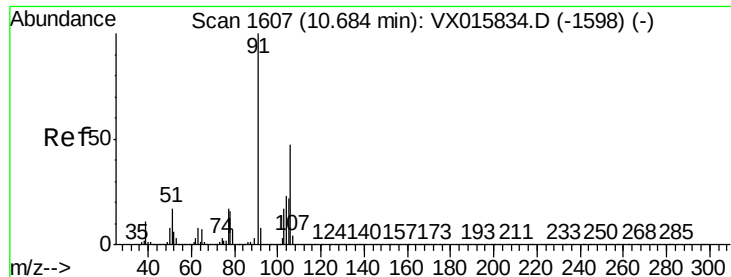
Tgt Ion:106 Resp: 5236254

Ion Ratio Lower Upper

106 100

91 195.6 161.1 241.7

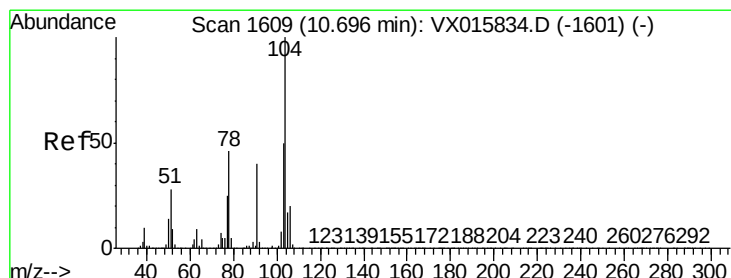
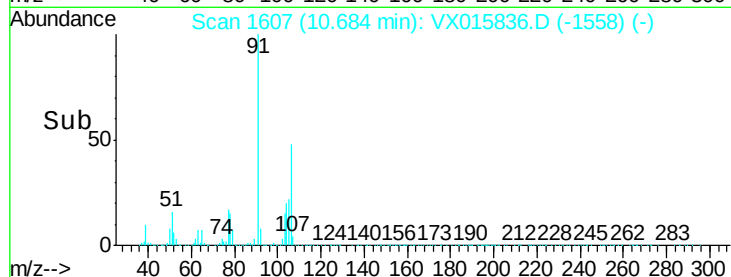
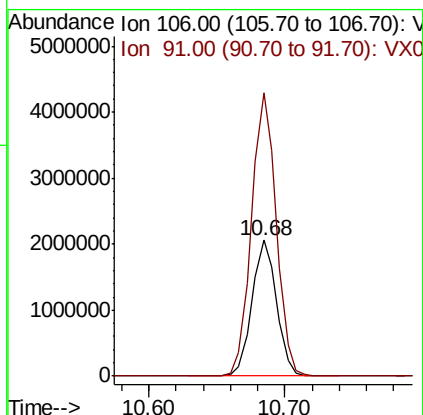
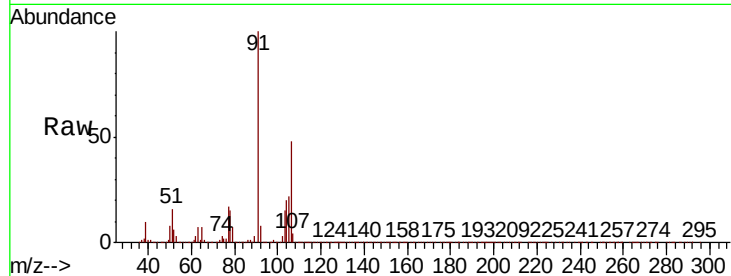




#69
o-Xylene
Concen: 145.825 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

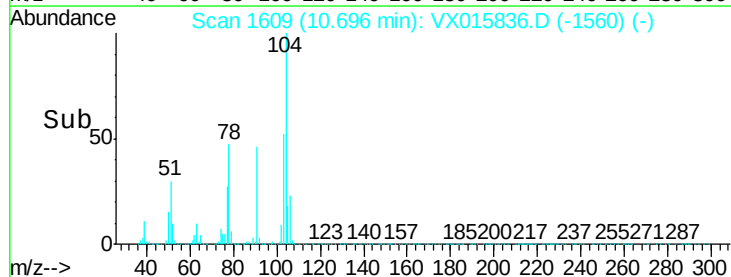
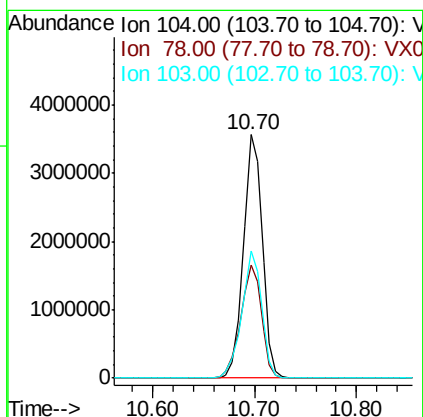
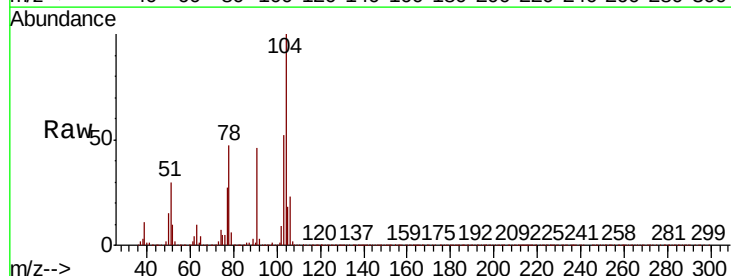
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

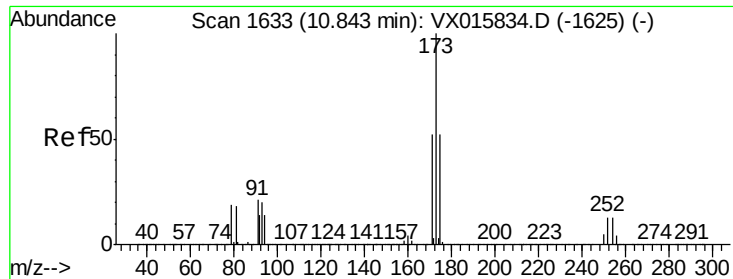
Tot Ion:106 Resp: 2608147
Ion Ratio Lower Upper
106 100
91 210.5 107.1 321.3



#70
Styrene
Concen: 148.268 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion:104 Resp: 4558582
Ion Ratio Lower Upper
104 100
78 51.0 40.1 60.1
103 54.6 43.3 64.9

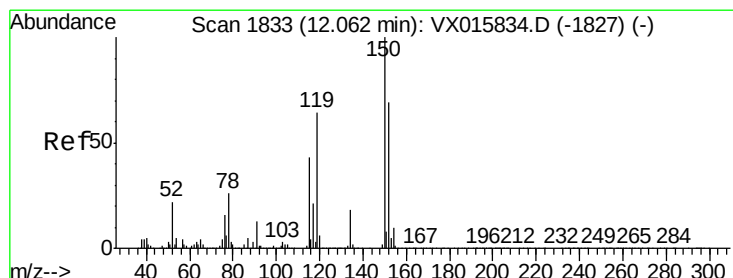
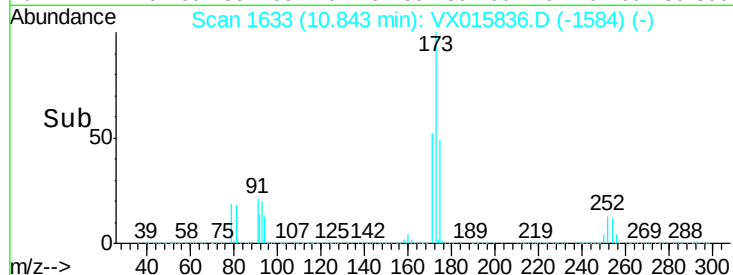
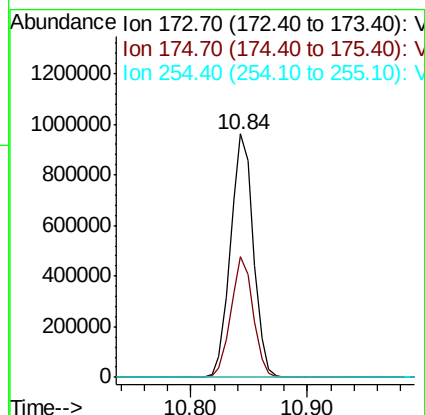
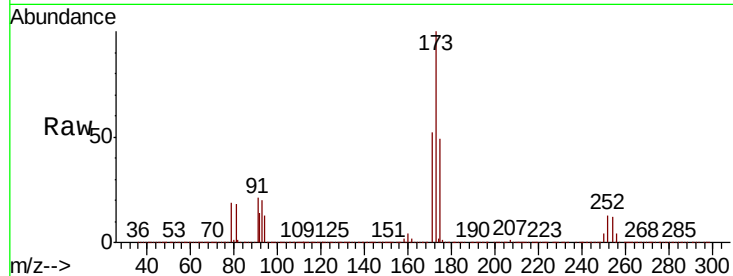




#71
Bromoform
Concen: 224.557 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

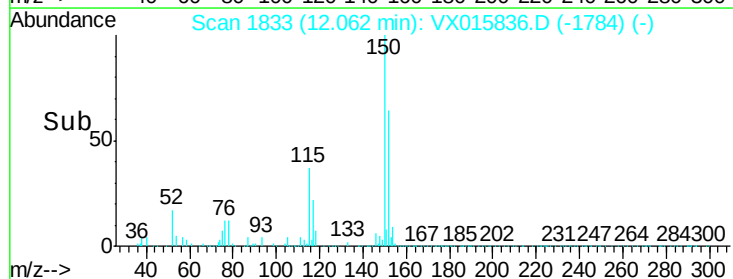
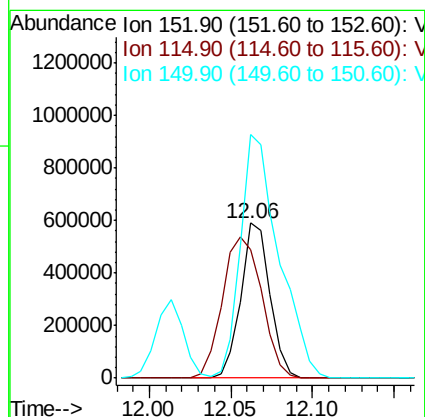
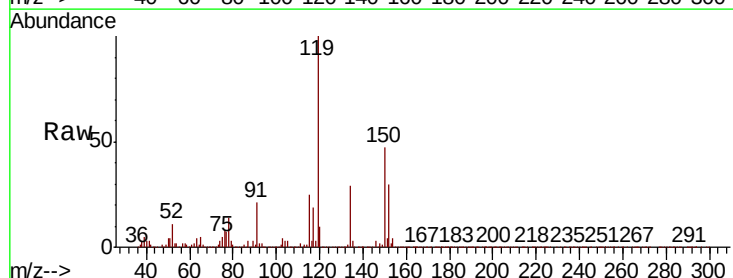
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

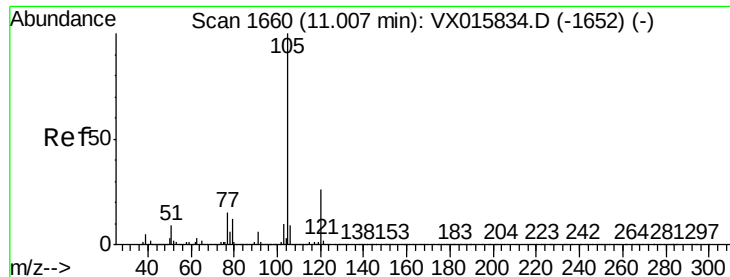
Tot Ion:173 Resp: 1306686
Ion Ratio Lower Upper
173 100
175 48.4 25.1 75.4
254 0.2 0.3 0.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion:152 Resp: 737975
Ion Ratio Lower Upper
152 100
115 122.6 39.0 116.9#
150 206.6 0.0 336.8





#73

Isopropylbenzene

Concen: 144.110 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

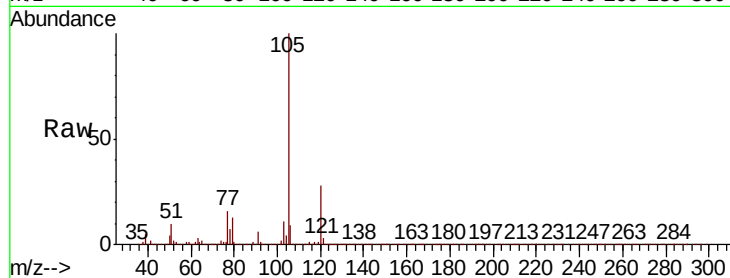
VSTDIC150

Tot Ion:105 Resp: 6798284

Ion Ratio Lower Upper

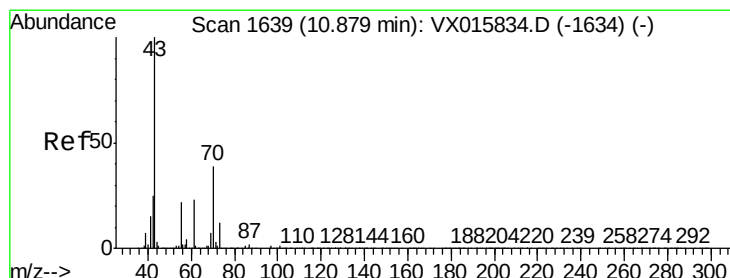
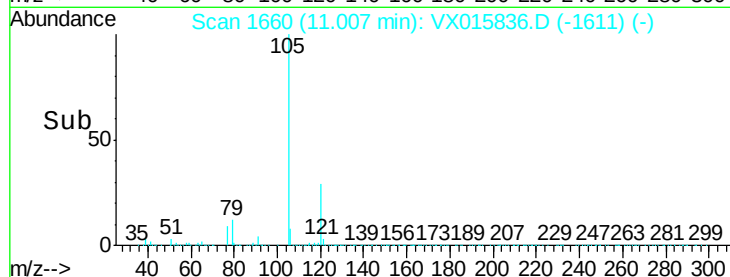
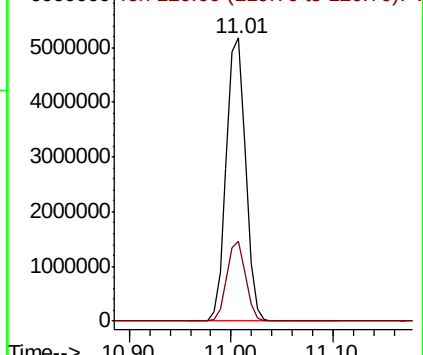
105 100

120 27.3 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 153.004 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. 0.01 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Tgt Ion: 43 Resp: 3678409

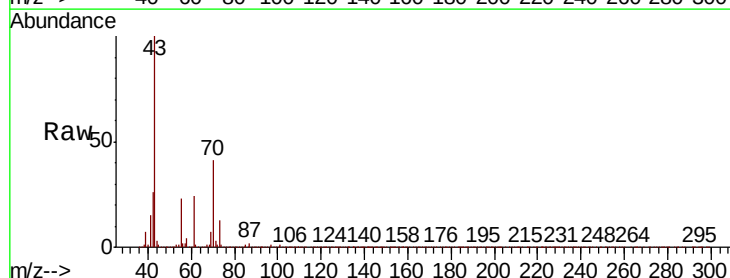
Ion Ratio Lower Upper

43 100

70 40.3 32.6 49.0

55 22.5 18.3 27.5

61 23.8 18.7 28.1

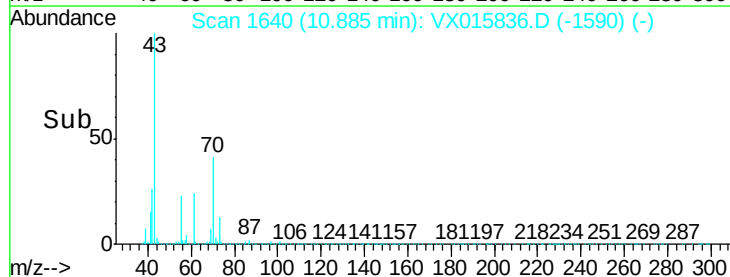
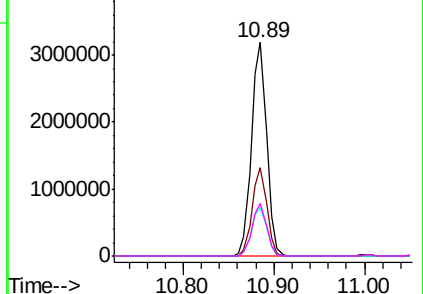


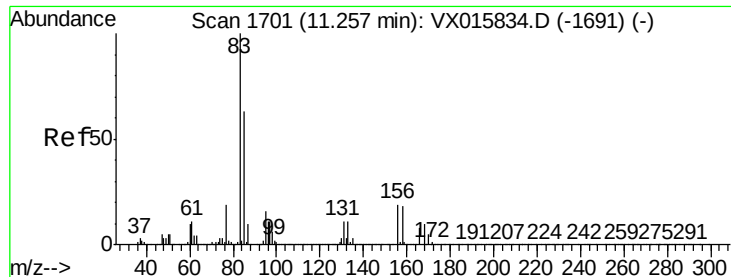
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 157.560 ug/l

RT: 11.26 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

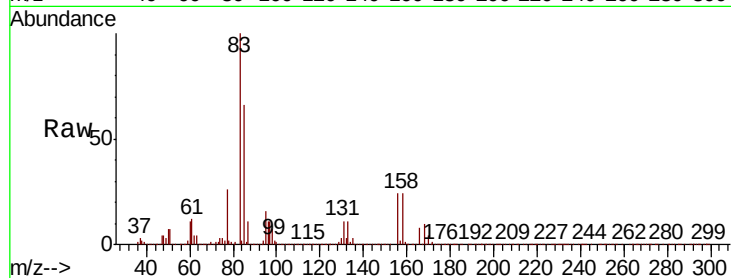
Tot Ion: 83 Resp: 1531634

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

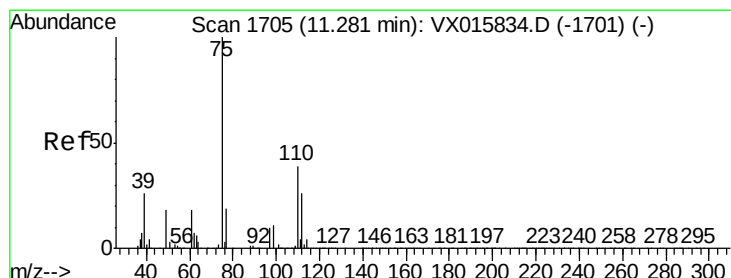
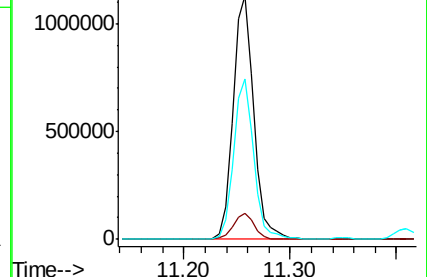
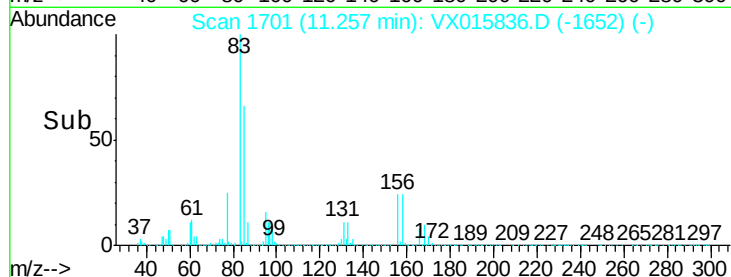
85 64.5 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 169.615 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015836.D

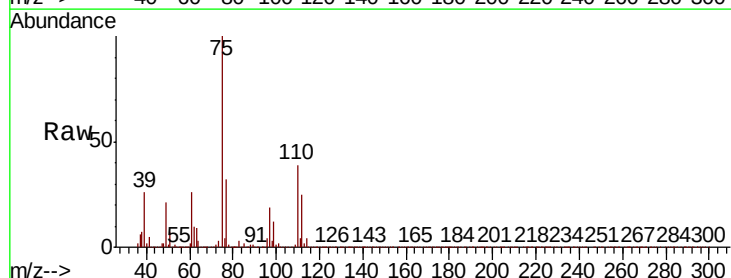
Acq: 22 Apr 2020 11:51

Tgt Ion: 75 Resp: 2888302

Ion Ratio Lower Upper

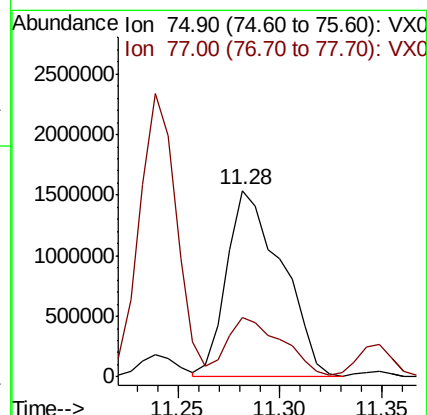
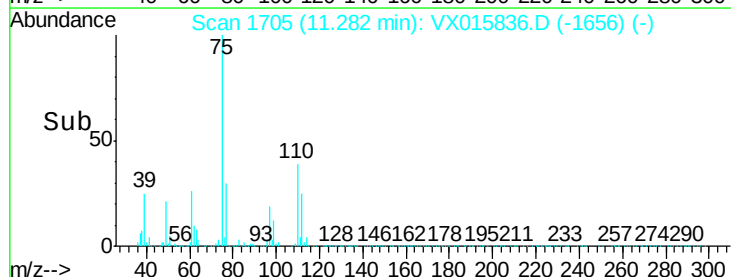
75 100

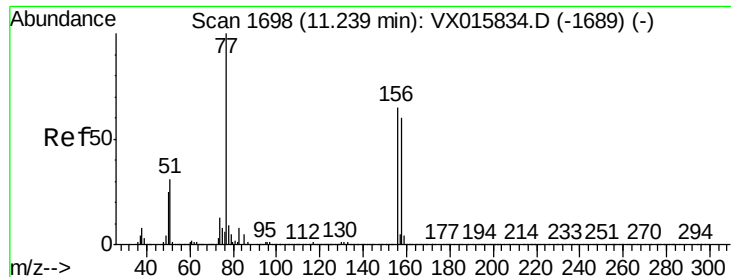
77 31.9 21.3 63.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 151.756 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

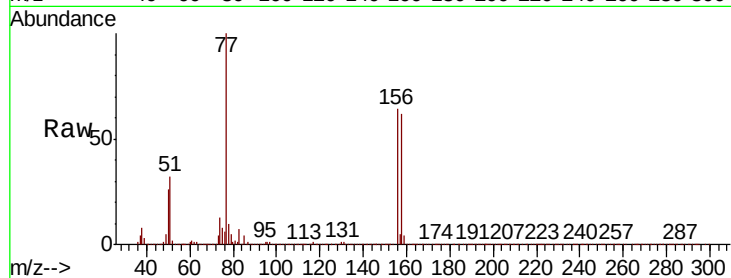
Tot Ion:156 Resp: 1940245

Ion Ratio Lower Upper

156 100

77 152.0 75.2 225.6

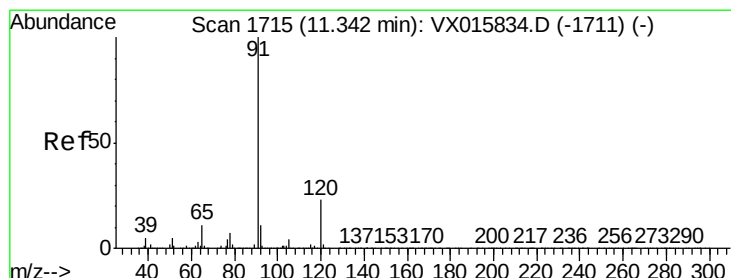
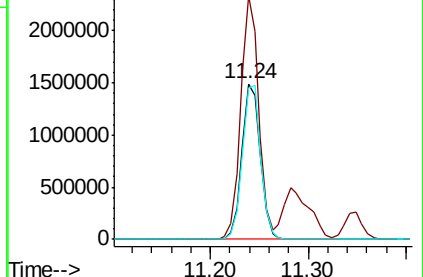
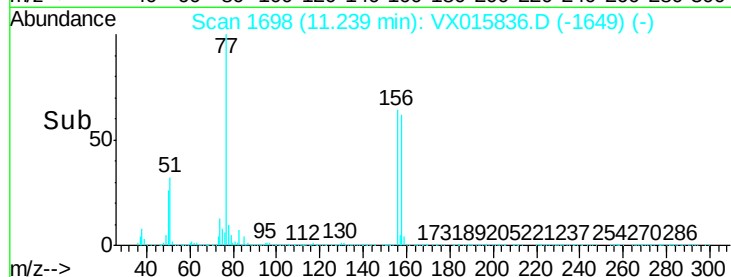
158 98.8 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 144.948 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. 0.01 min

Lab File: VX015836.D

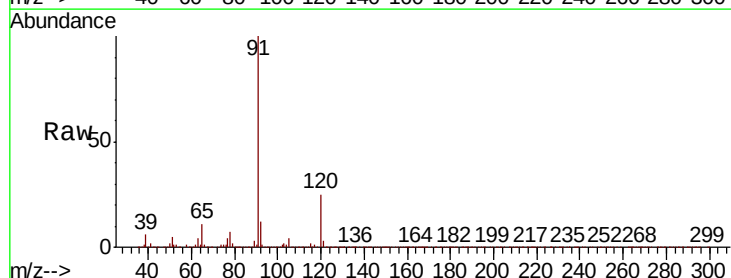
Acq: 22 Apr 2020 11:51

Tgt Ion: 91 Resp: 7841818

Ion Ratio Lower Upper

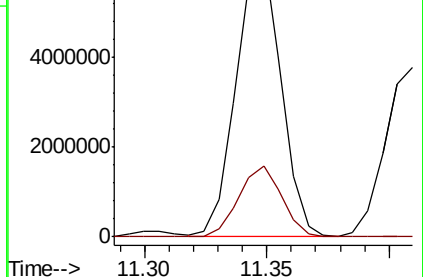
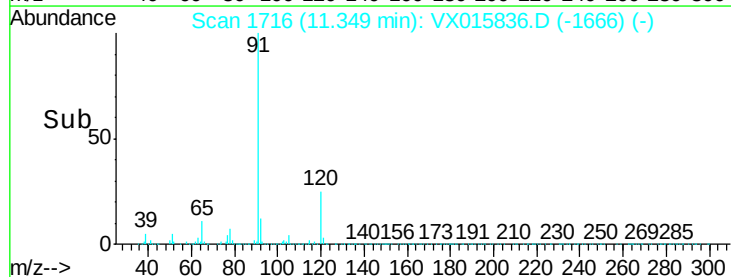
91 100

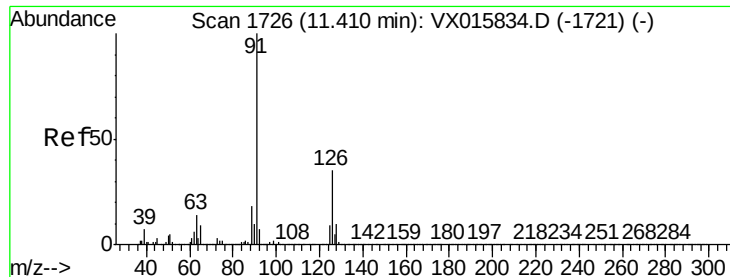
120 24.5 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 150.787 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

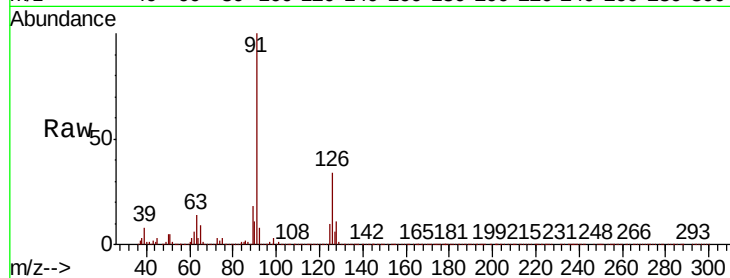
VSTDIC150

Tot Ion: 91 Resp: 4856734

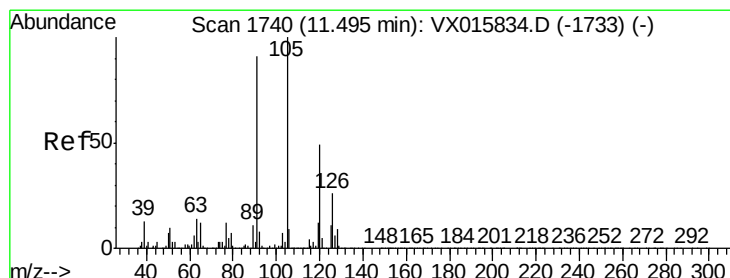
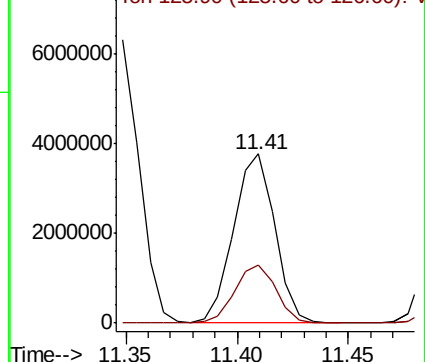
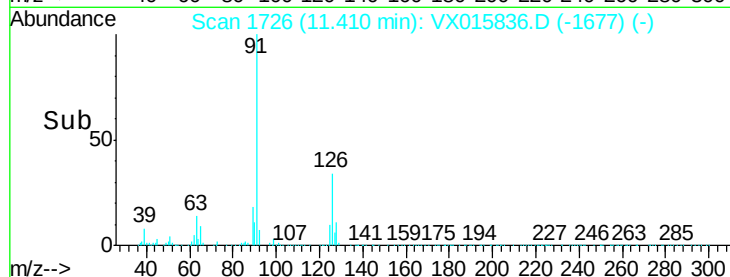
Ion Ratio Lower Upper

91 100

126 34.6 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VX015836.D (-1677) (-)



#80

1,3,5-Trimethylbenzene

Concen: 150.165 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015836.D

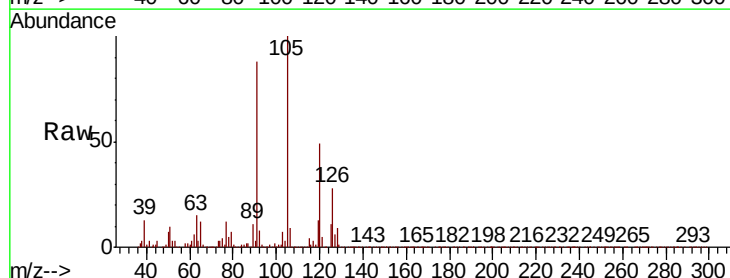
Acq: 22 Apr 2020 11:51

Tgt Ion:105 Resp: 5986343

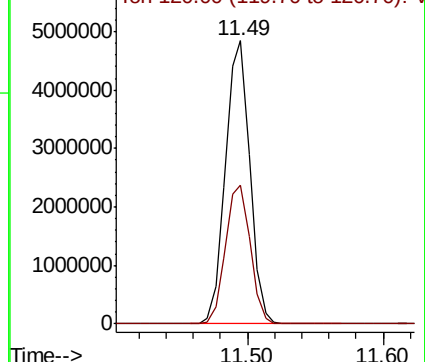
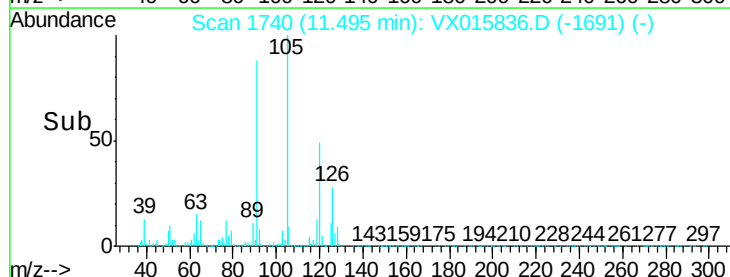
Ion Ratio Lower Upper

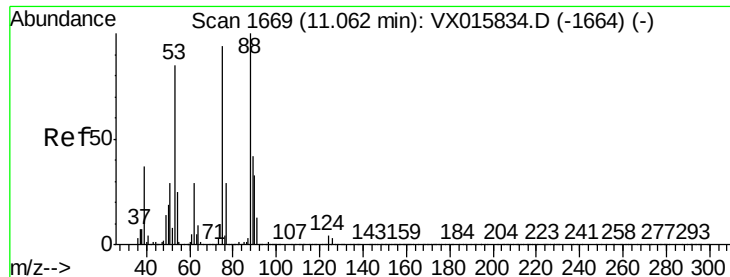
105 100

120 50.1 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VX015836.D (-1691) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 171.358 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

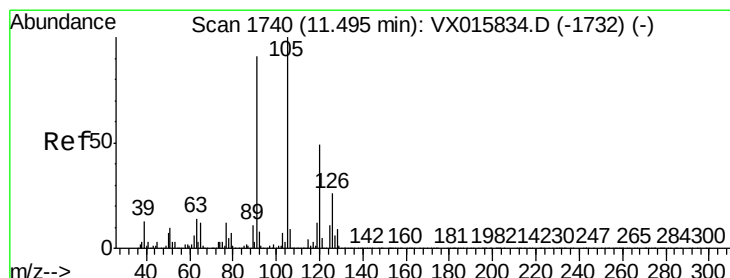
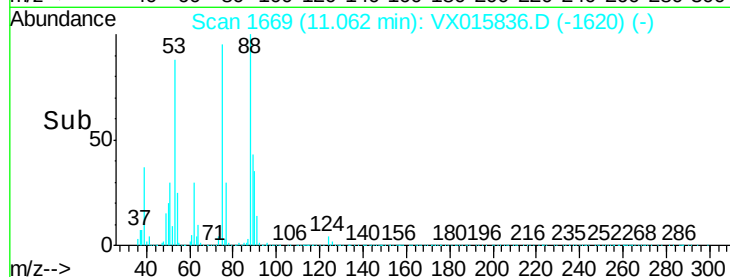
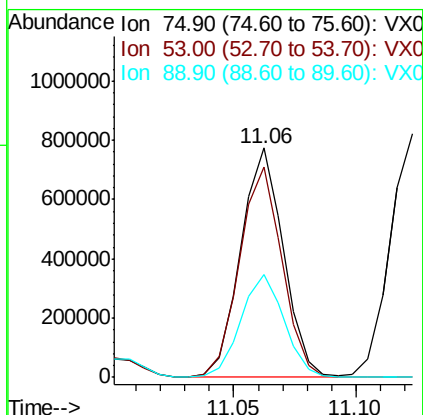
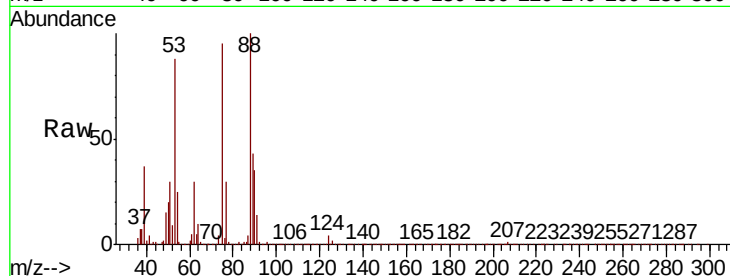
Tot Ion: 75 Resp: 932418

Ion Ratio Lower Upper

75 100

53 91.8 74.2 111.2

89 45.8 38.0 57.0



#82

4-Chlorotoluene

Concen: 147.787 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015836.D

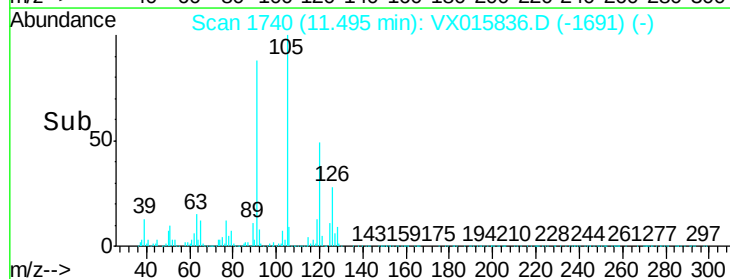
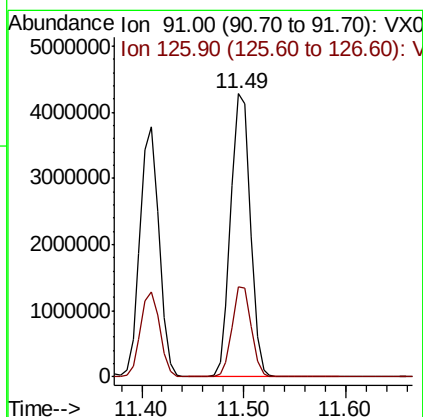
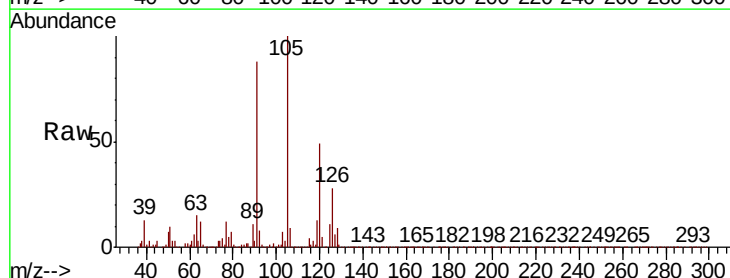
Acq: 22 Apr 2020 11:51

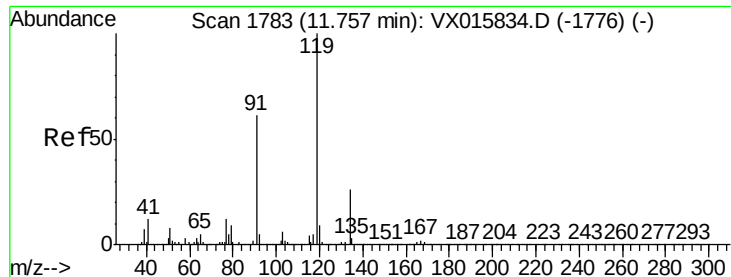
Tgt Ion: 91 Resp: 5676143

Ion Ratio Lower Upper

91 100

126 30.9 15.0 45.0





#83

tert-Butylbenzene

Concen: 148.628 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

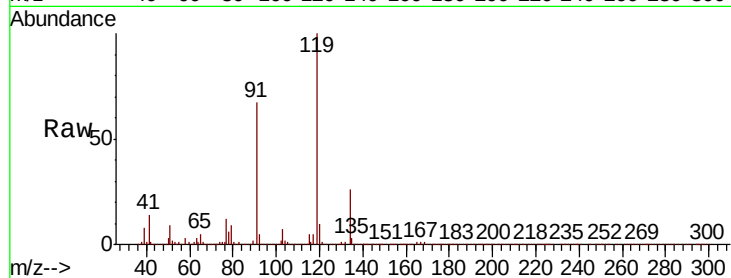
Tot Ion:119 Resp: 5269339

Ion Ratio Lower Upper

119 100

91 65.8 30.9 92.7

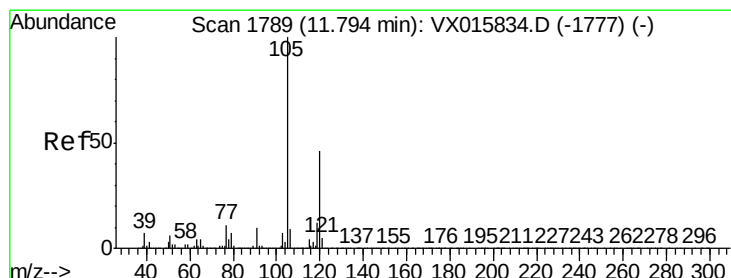
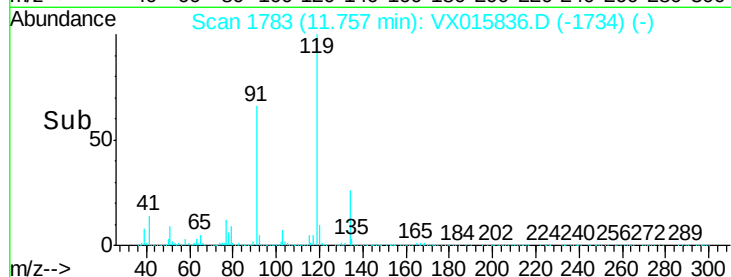
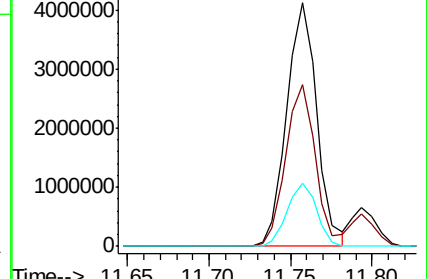
134 25.5 12.4 37.2



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: 149.817 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX015836.D

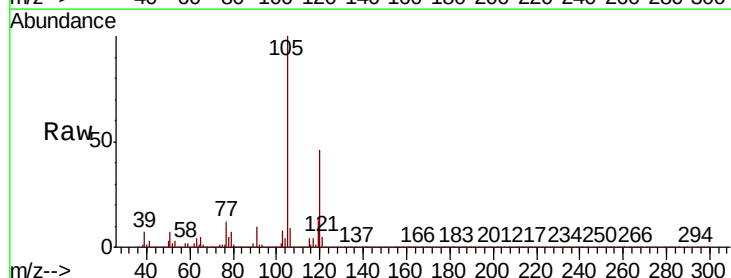
Acq: 22 Apr 2020 11:51

Tgt Ion:105 Resp: 6210392

Ion Ratio Lower Upper

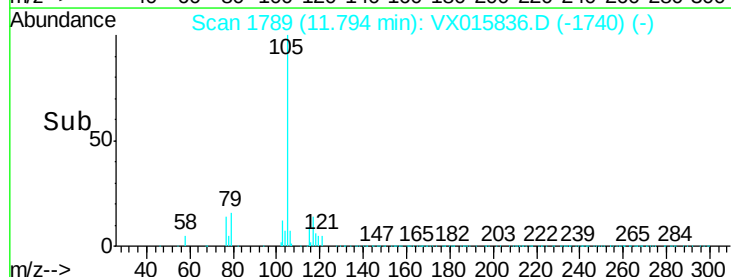
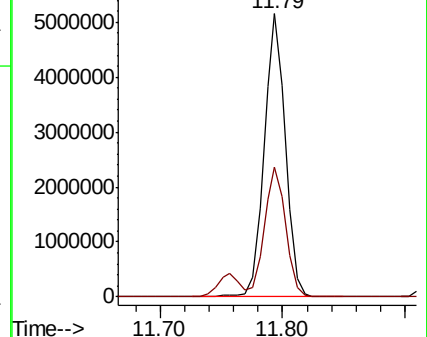
105 100

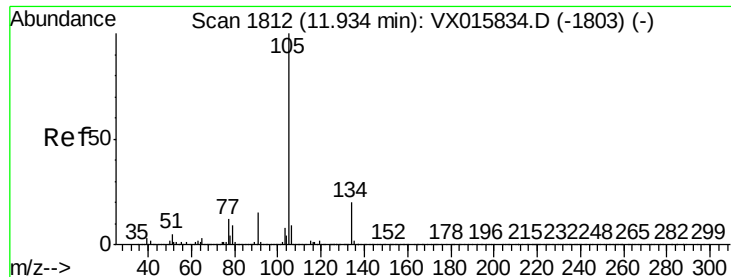
120 46.0 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 146.792 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

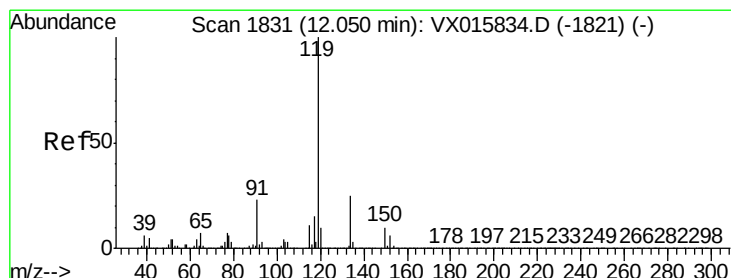
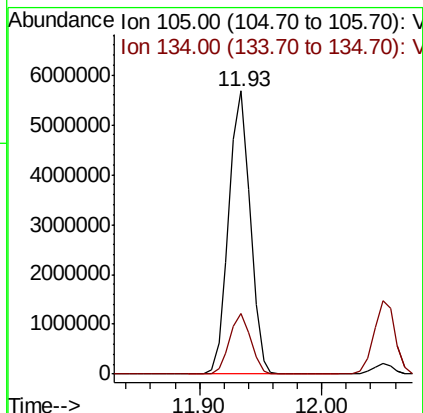
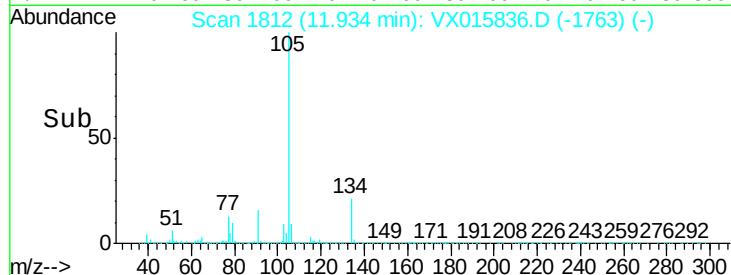
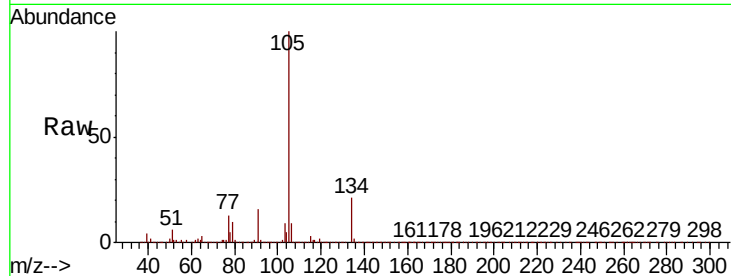
VSTDIC150

Tot Ion:105 Resp: 6874799

Ion Ratio Lower Upper

105 100

134 21.1 10.3 30.8



#86

p-Isopropyltoluene

Concen: 150.390 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

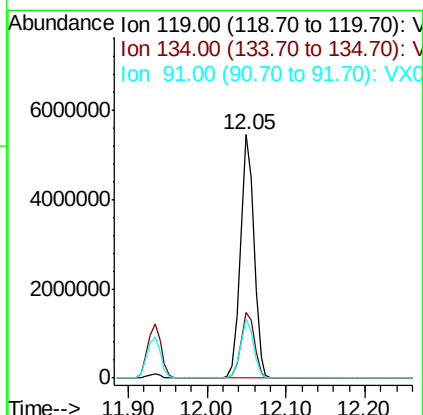
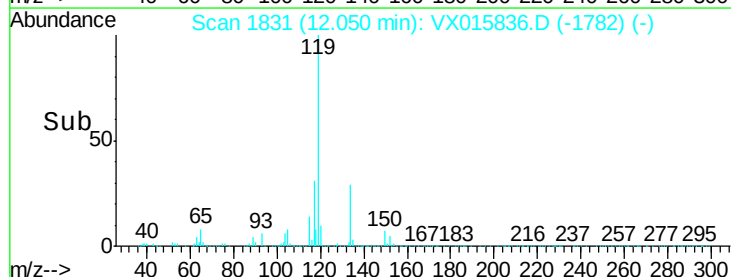
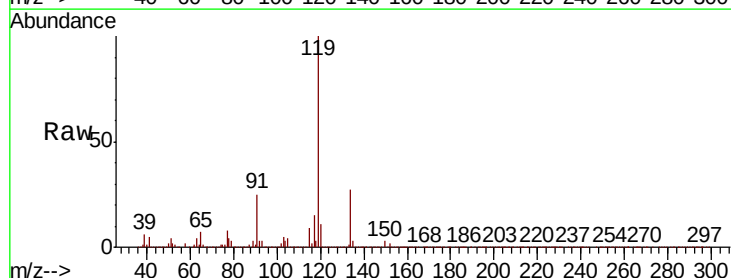
Tgt Ion:119 Resp: 6556506

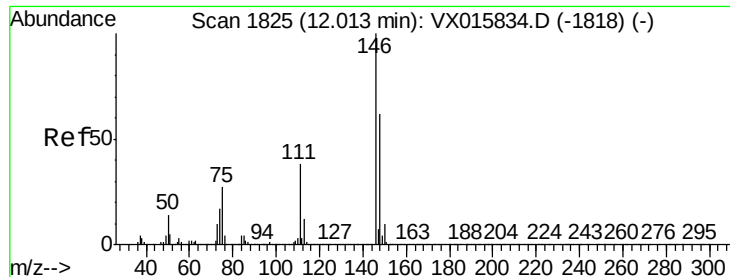
Ion Ratio Lower Upper

119 100

134 27.0 13.0 38.9

91 23.6 11.5 34.5

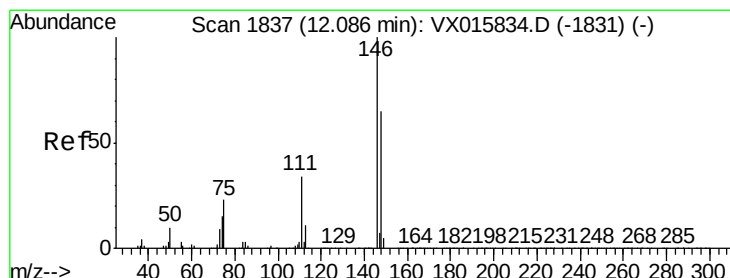
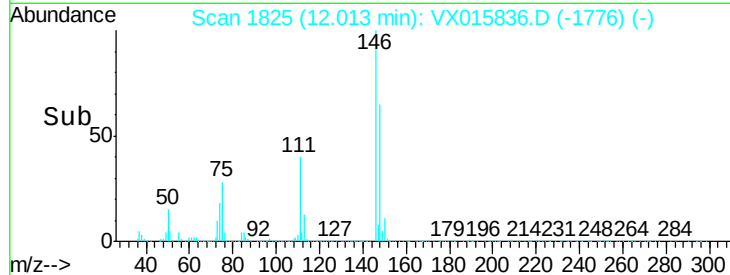
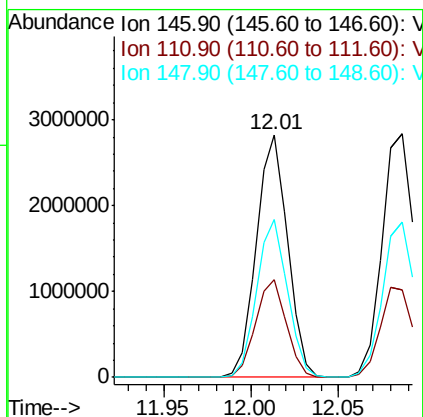
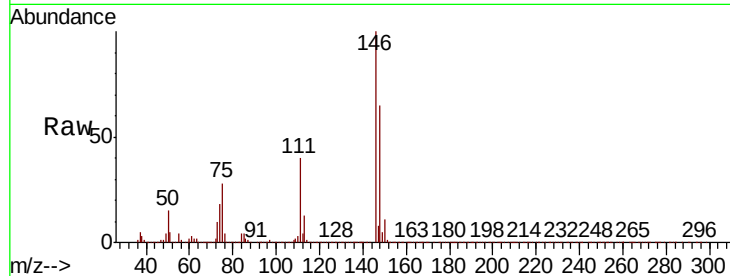




#87
 1,3-Dichlorobenzene
 Concen: 148.865 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015836.D
 Acq: 22 Apr 2020 11:51

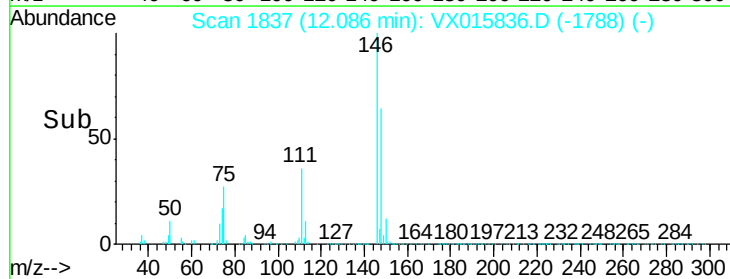
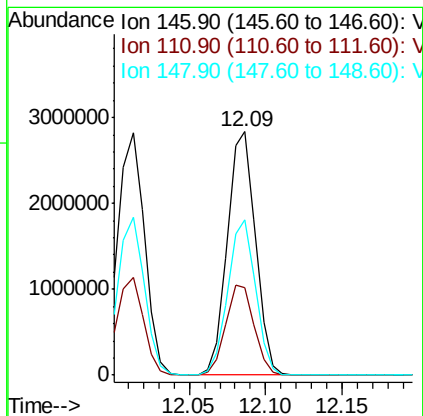
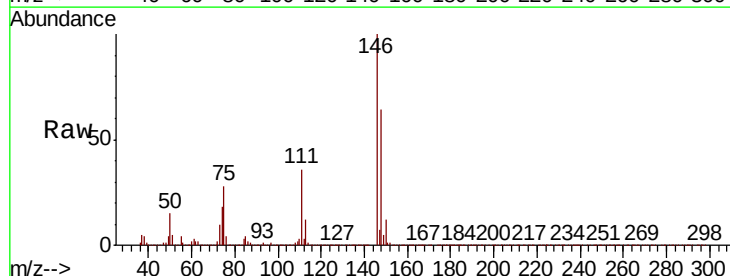
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

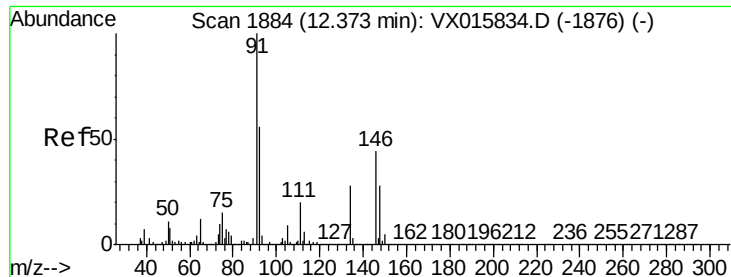
Tot Ion:146 Resp: 3503585
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.1 57.1
 148 64.1 30.9 92.7



#88
 1,4-Dichlorobenzene
 Concen: 153.763 ug/l
 RT: 12.09 min Scan# 1837
 Delta R.T. 0.00 min
 Lab File: VX015836.D
 Acq: 22 Apr 2020 11:51

Tgt Ion:146 Resp: 3606349
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.4 58.2
 148 62.7 33.8 101.4





#89

n-Butylbenzene

Concen: 152.923 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

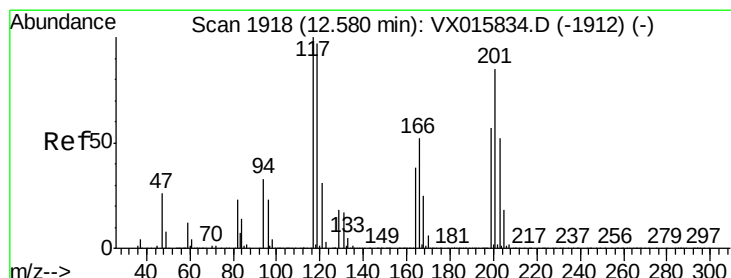
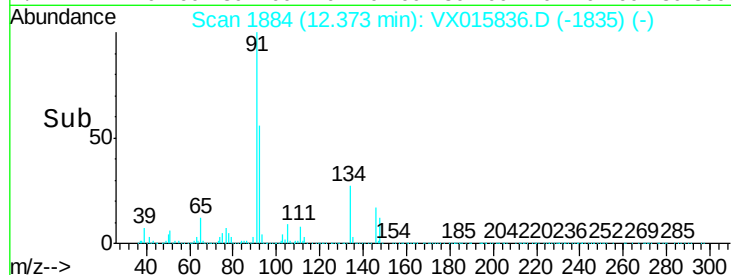
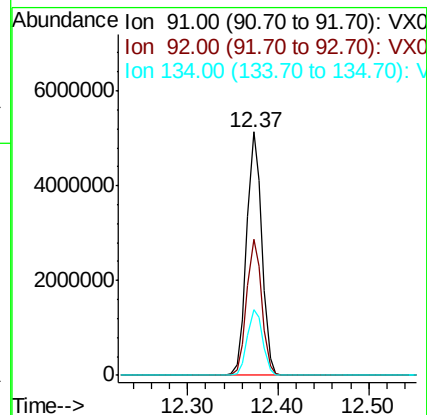
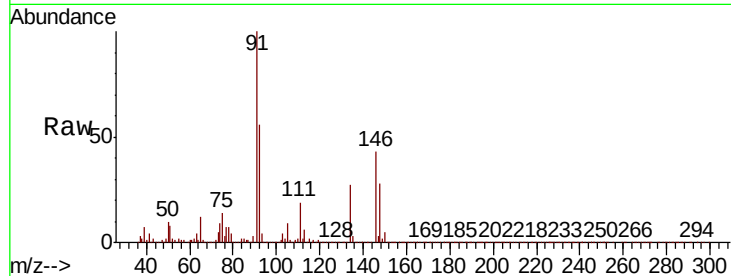
Tot Ion: 91 Resp: 5941701

Ion Ratio Lower Upper

91 100

92 55.9 27.7 83.1

134 27.8 14.1 42.4



#90

Hexachloroethane

Concen: 251.489 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VX015836.D

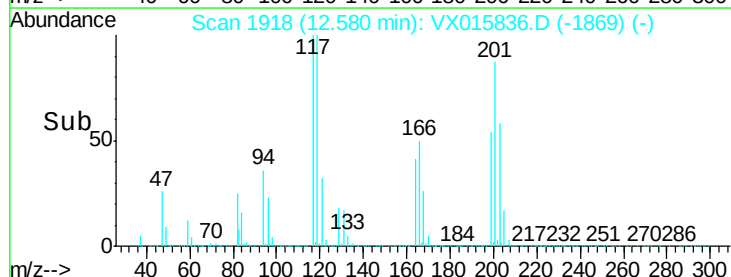
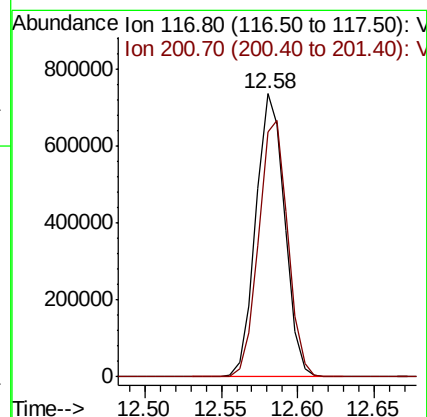
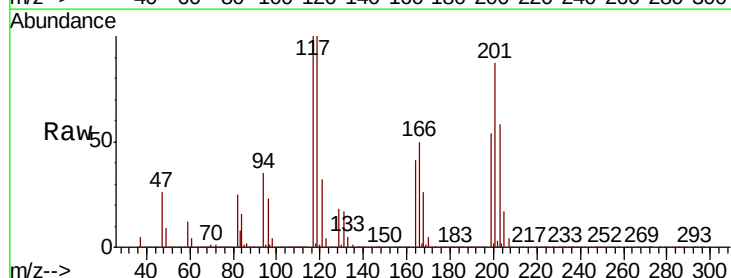
Acq: 22 Apr 2020 11:51

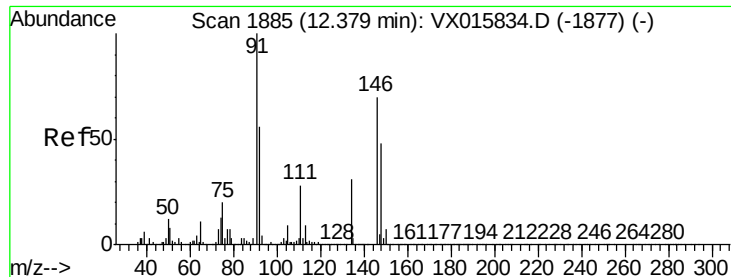
Tgt Ion: 117 Resp: 966502

Ion Ratio Lower Upper

117 100

201 91.3 45.6 136.9

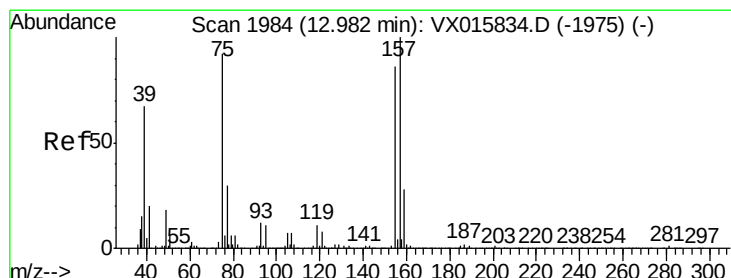
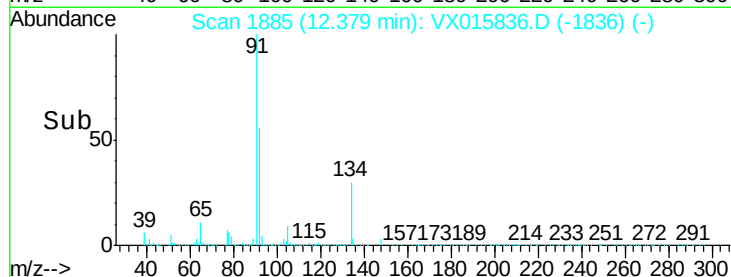
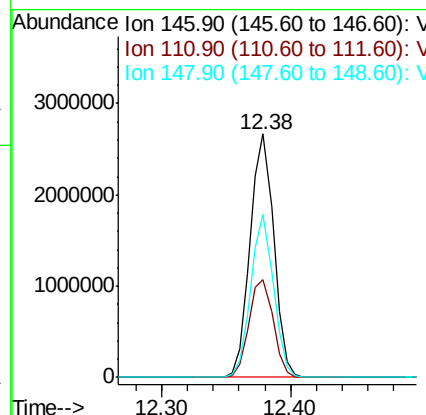
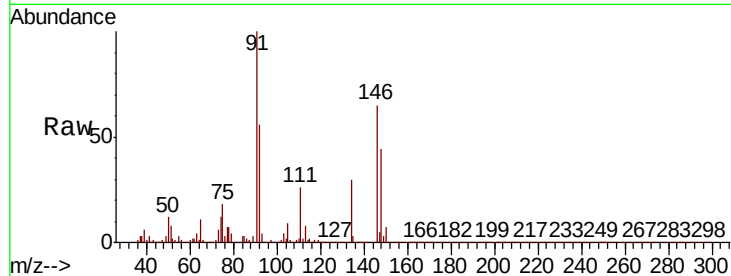




#91
 1,2-Dichlorobenzene
 Concen: 151.095 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015836.D
 Acq: 22 Apr 2020 11:51

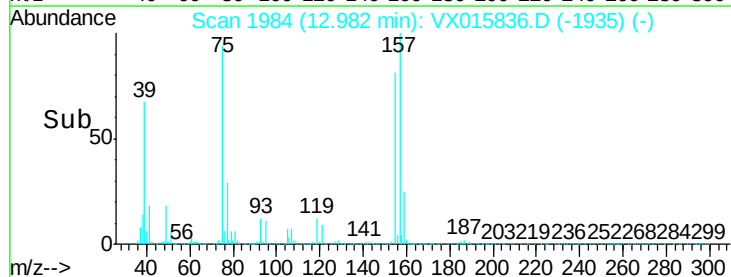
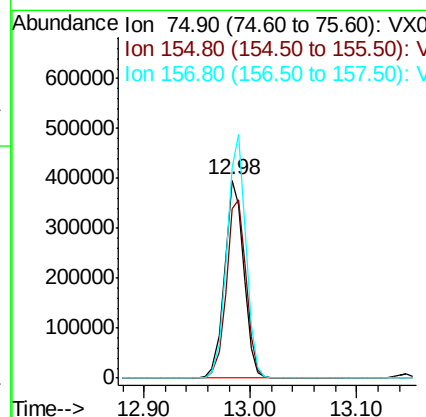
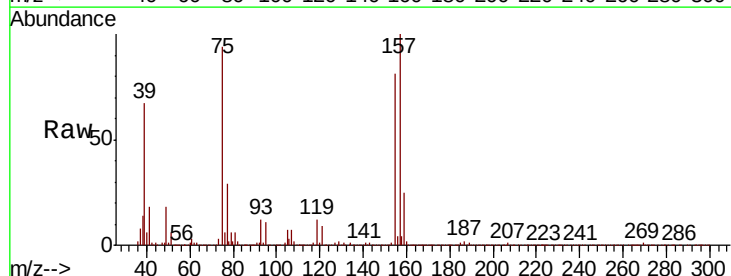
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

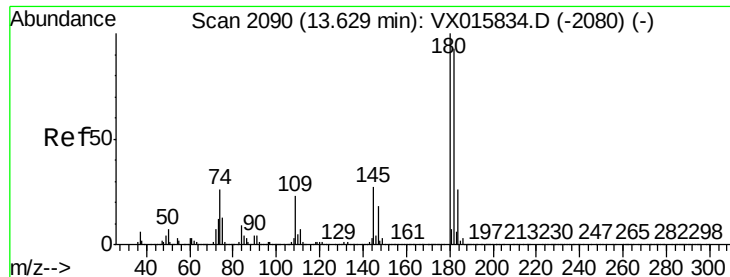
Tot Ion:146 Resp: 3352853
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.3 61.0
 148 64.3 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 178.140 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015836.D
 Acq: 22 Apr 2020 11:51

Tgt Ion: 75 Resp: 497356
 Ion Ratio Lower Upper
 75 100
 155 93.1 48.1 144.4
 157 121.6 58.9 176.7

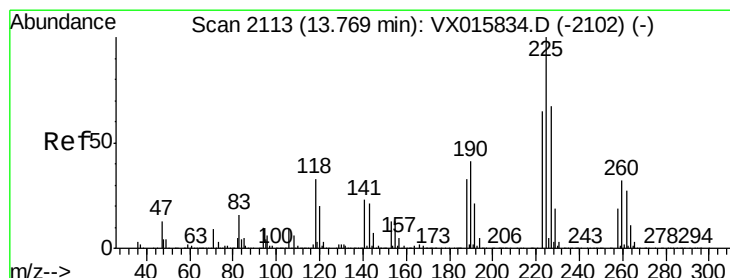
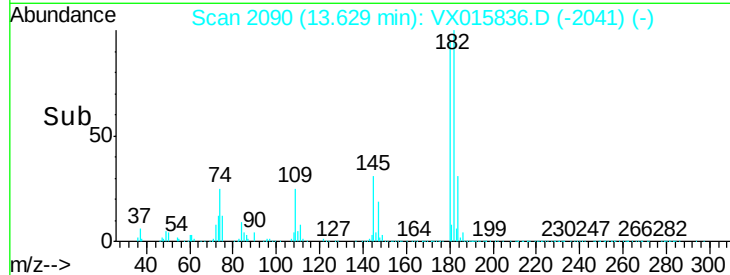
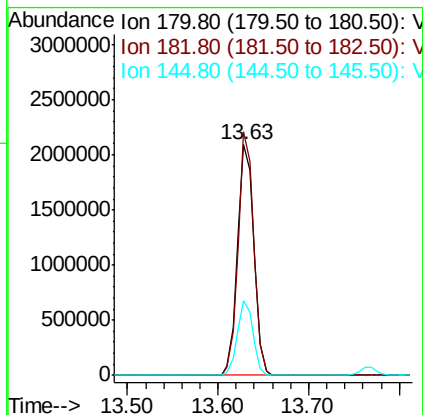
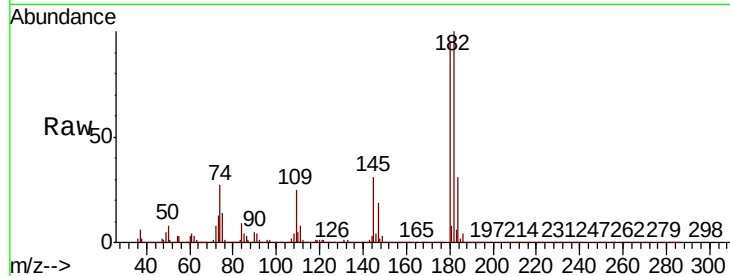




#93
 1,2,4-Trichlorobenzene
 Concen: 149.010 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015836.D
 Acq: 22 Apr 2020 11:51

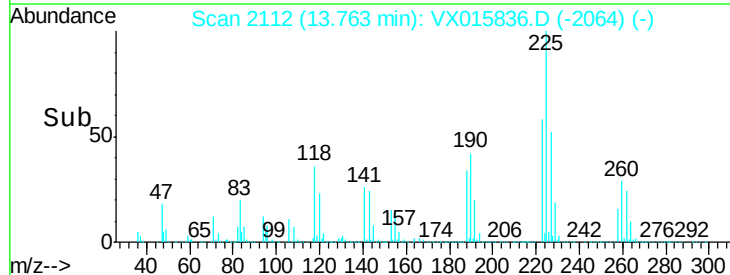
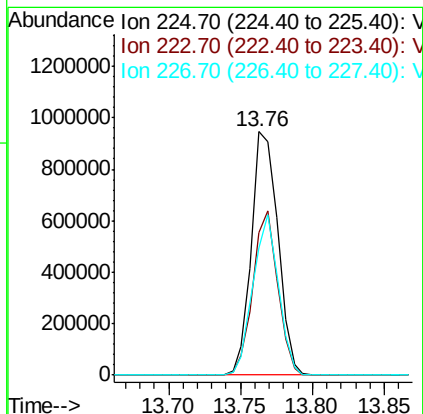
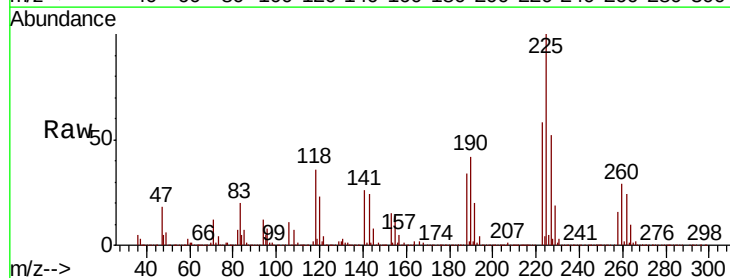
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

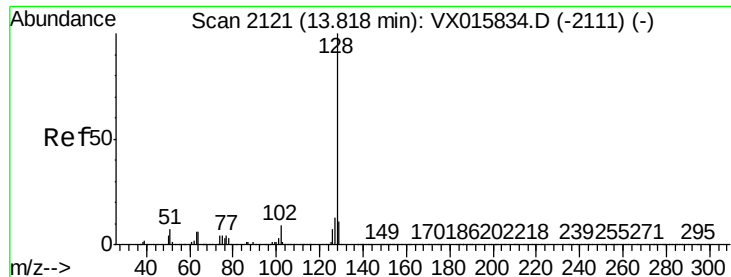
Tot Ion:180 Resp: 2611018
 Ion Ratio Lower Upper
 180 100
 182 100.2 47.7 143.1
 145 31.1 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 153.621 ug/l
 RT: 13.76 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: VX015836.D
 Acq: 22 Apr 2020 11:51

Tgt Ion:225 Resp: 1197593
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.3 93.8
 227 63.1 32.6 97.8

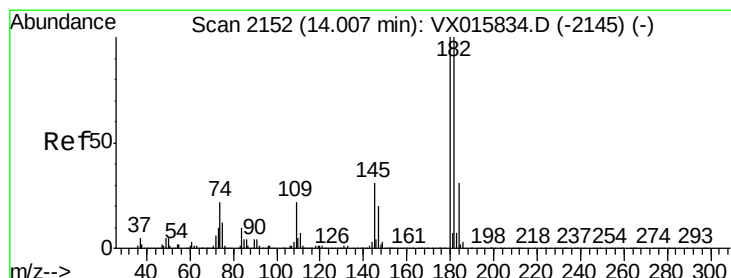
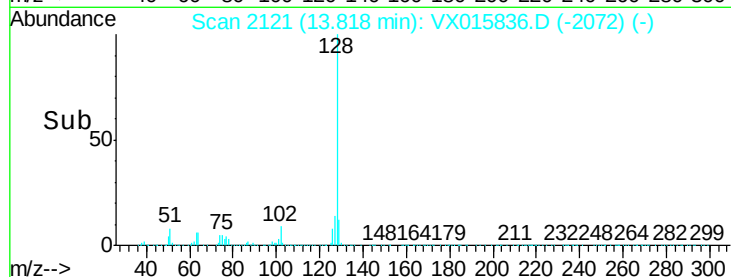
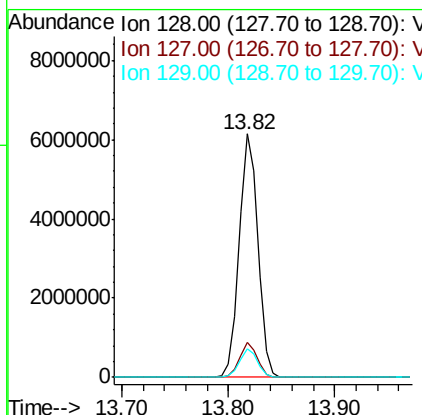
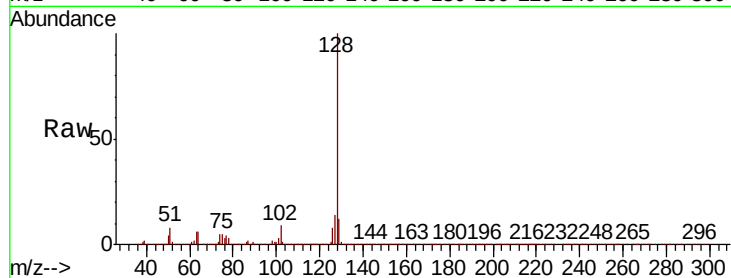




#95
Naphthalene
Concen: 151.112 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:128 Resp: 7597646
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 11.2 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 153.656 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion:180 Resp: 2603637
Ion Ratio Lower Upper
180 100
182 94.9 47.9 143.7
145 31.9 15.2 45.5

