

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015833.D
 Acq On : 22 Apr 2020 10:44
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Apr 22 11:51:41 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	1004856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1511560	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1410736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	753697	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	219234	18.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.62%	
35) Dibromofluoromethane	5.48	113	170334	17.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.64%	
50) Toluene-d8	8.70	98	691727	19.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.04%	
62) 4-Bromofluorobenzene	11.12	95	271174	17.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	182728	22.493	ug/l	98
3) Chloromethane	1.31	50	164871	19.161	ug/l	100
4) Vinyl Chloride	1.39	62	189958	18.735	ug/l	99
5) Bromomethane	1.64	94	78002	19.090	ug/l	98
6) Chloroethane	1.72	64	109524	18.836	ug/l	98
7) Trichlorofluoromethane	1.92	101	244549	19.125	ug/l	94
8) Diethyl Ether	2.17	74	93102	18.025	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	158441	18.292	ug/l	99
10) Methyl Iodide	2.50	142	191146	19.237	ug/l	99
11) Tert butyl alcohol	3.01	59	208892	92.321	ug/l	99
12) 1,1-Dichloroethene	2.36	96	165477	18.826	ug/l	92
13) Acrolein	2.28	56	120324	86.728	ug/l	99
14) Allyl chloride	2.71	41	352839	18.745	ug/l	99
15) Acrylonitrile	3.12	53	515839	96.406	ug/l	100
16) Acetone	2.42	43	430082	83.326	ug/l	97
17) Carbon Disulfide	2.56	76	493663	13.860	ug/l	98
18) Methyl Acetate	2.75	43	297760	18.181	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	585764	18.952	ug/l	100
20) Methylene Chloride	2.84	84	187219	18.281	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	176916	17.958	ug/l	93
22) Diisopropyl ether	3.83	45	641616	18.937	ug/l #	86
23) Vinyl Acetate	3.79	43	2662912	94.009	ug/l	99
24) 1,1-Dichloroethane	3.67	63	330510	18.925	ug/l	99
25) 2-Butanone	4.64	43	721839	92.504	ug/l	98
26) 2,2-Dichloropropane	4.56	77	296981	18.925	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	208331	18.897	ug/l	99
28) Bromochloromethane	4.99	49	182167	19.204	ug/l #	98
29) Tetrahydrofuran	5.09	42	485057	93.593	ug/l	99
30) Chloroform	5.18	83	326548	18.356	ug/l	97
31) Cyclohexane	5.56	56	313088	18.438	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	292689	18.642	ug/l	100
36) 1,1-Dichloropropene	5.78	75	253593	19.114	ug/l	99
37) Ethyl Acetate	4.79	43	288537	18.085	ug/l	99
38) Carbon Tetrachloride	5.76	117	247032	19.167	ug/l	92

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	315414	18.454	ug/l	99
40) Benzene	6.12	78	757538	18.645	ug/l	99
41) Methacrylonitrile	5.01	41	168737	22.398	ug/l	99
42) 1,2-Dichloroethane	6.17	62	272364	18.649	ug/l	100
43) Isopropyl Acetate	6.42	43	498245	18.607	ug/l	99
44) Trichloroethene	7.19	130	268926	18.938	ug/l	95
45) 1,2-Dichloropropane	7.50	63	194900	18.466	ug/l	97
46) Dibromomethane	7.64	93	144627	18.205	ug/l	98
47) Bromodichloromethane	7.88	83	251887	18.739	ug/l	99
48) Methyl methacrylate	7.75	41	246505	18.905	ug/l	97
49) 1,4-Dioxane	7.72	88	83193	328.590	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1475482	95.048	ug/l	99
52) Toluene	8.77	92	487184	18.686	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	319812	19.097	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	332526	18.629	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	189578	18.865	ug/l	99
56) Ethyl methacrylate	9.16	69	318135	18.886	ug/l	99
57) 1,3-Dichloropropane	9.36	76	328527	18.776	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	798243	93.883	ug/l	99
59) 2-Hexanone	9.47	43	1109316	94.742	ug/l	99
60) Dibromochloromethane	9.57	129	180860	18.399	ug/l	99
61) 1,2-Dibromoethane	9.65	107	204246	18.204	ug/l	97
64) Tetrachloroethene	9.32	164	357162	18.068	ug/l	93
65) Chlorobenzene	10.12	112	519608	18.239	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	192811	18.451	ug/l	99
67) Ethyl Benzene	10.24	91	940999	18.675	ug/l	99
68) m/p-Xylenes	10.34	106	707556	37.570	ug/l	99
69) o-Xylene	10.68	106	337399	18.251	ug/l	99
70) Styrene	10.70	104	597191	18.792	ug/l	99
71) Bromoform	10.84	173	113442	18.861	ug/l #	95
73) Isopropylbenzene	11.00	105	922584	19.149	ug/l	100
74) N-amyl acetate	10.88	43	455364	18.546	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	189619	19.099	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	358346	20.605	ug/l	82
77) Bromobenzene	11.24	156	242826	18.596	ug/l	98
78) n-propylbenzene	11.34	91	1044934	18.912	ug/l	99
79) 2-Chlorotoluene	11.40	91	619825	18.842	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	775243	19.041	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	107704	19.381	ug/l	95
82) 4-Chlorotoluene	11.49	91	736485	18.776	ug/l	99
83) tert-Butylbenzene	11.76	119	670470	18.517	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	789602	18.651	ug/l	99
85) sec-Butylbenzene	11.93	105	893683	18.684	ug/l	100
86) p-Isopropyltoluene	12.05	119	858155	19.273	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	436653	18.166	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	448754	18.734	ug/l	98
89) n-Butylbenzene	12.37	91	739783	18.643	ug/l	99
90) Hexachloroethane	12.58	117	78454	19.988	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	430041	18.975	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51733	18.143	ug/l	98

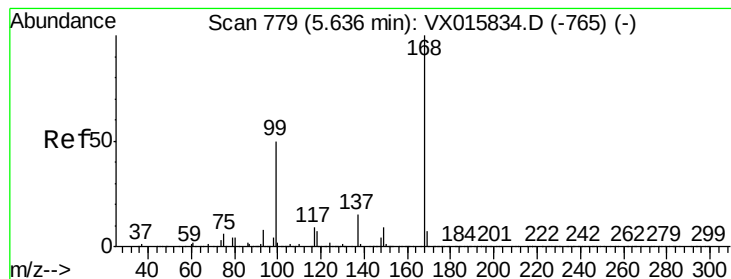
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042220\
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QLast Update : Wed Apr 22 11:43:26 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	332849	18.599	ug/l	99
94) Hexachlorobutadiene	13.76	225	146352	18.382	ug/l	97
95) Naphthalene	13.82	128	971292	18.915	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	325178	18.790	ug/l	96

(#) = 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: VX015833.D

Acq: 22 Apr 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

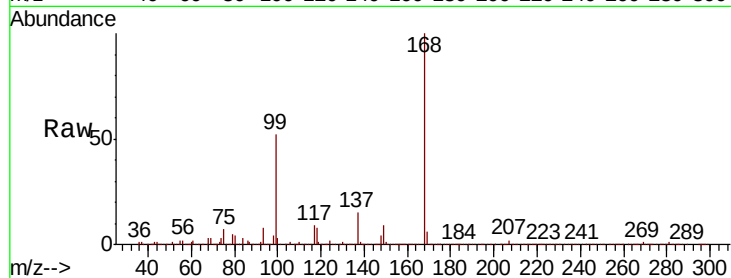
VSTDIC020

Tot Ion:168 Resp: 1004856

Ion Ratio Lower Upper

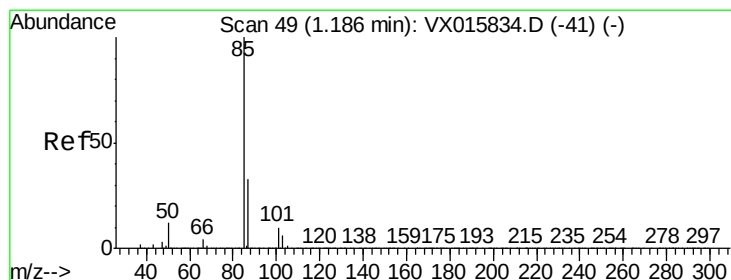
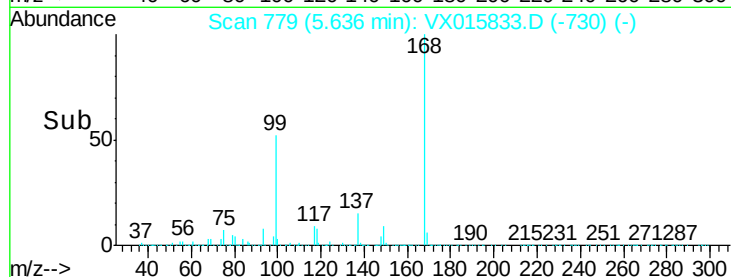
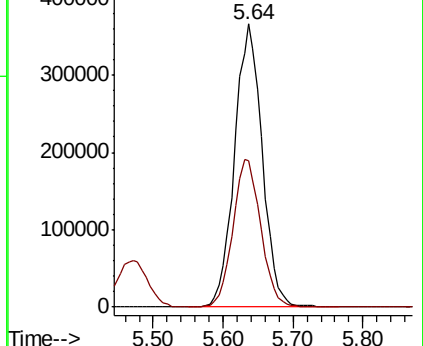
168 100

99 51.6 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: 22.493 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX015833.D

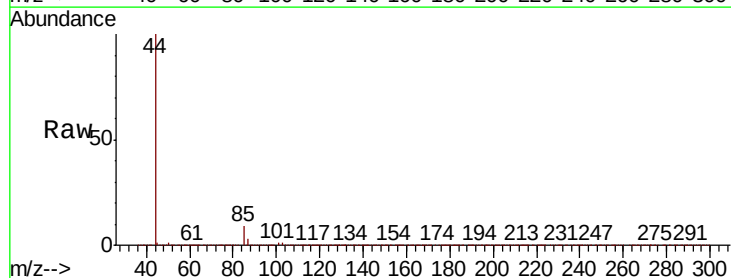
Acq: 22 Apr 2020 10:44

Tgt Ion: 85 Resp: 182728

Ion Ratio Lower Upper

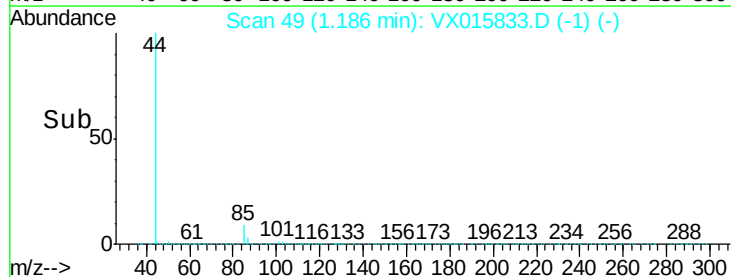
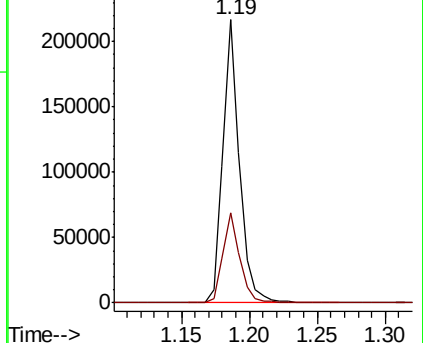
85 100

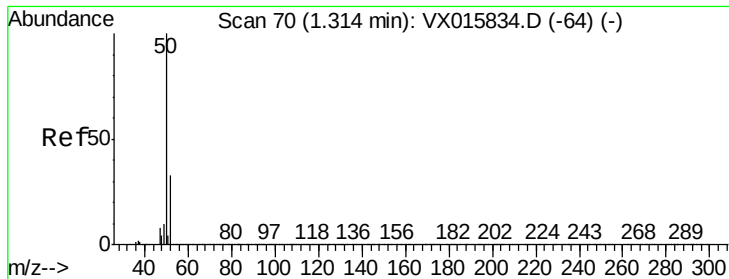
87 31.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

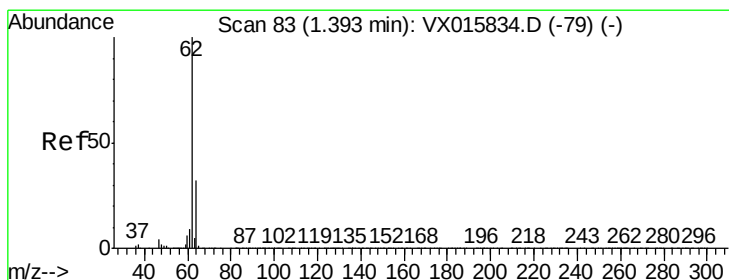
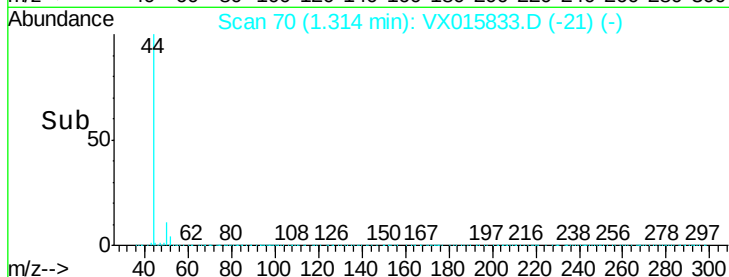
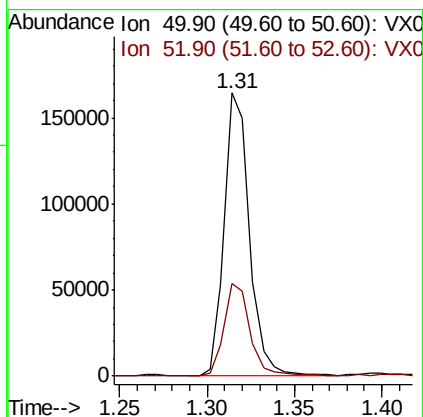
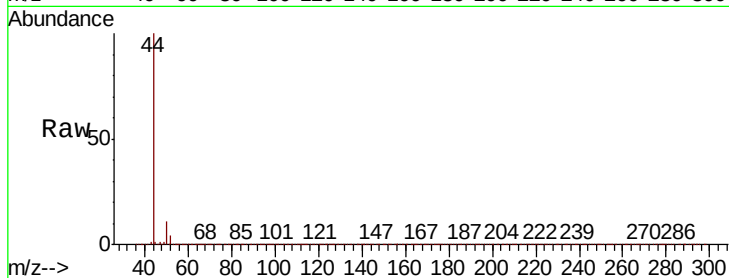




#3
Chloromethane
Concen: 19.161 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015833.D
Acq: 22 Apr 2020 10:44

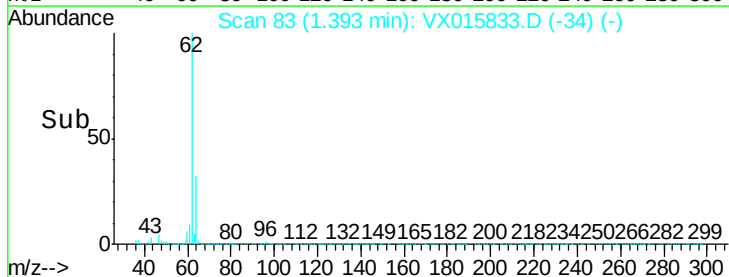
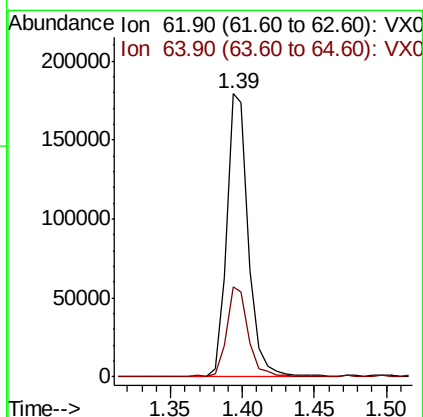
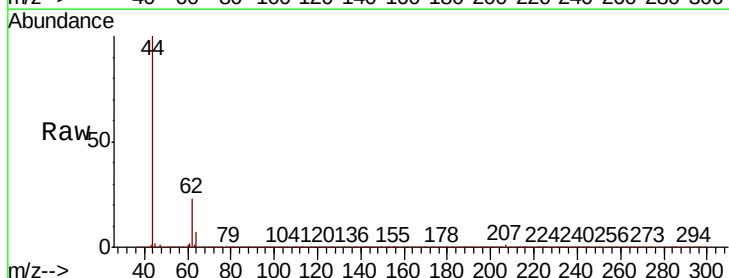
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

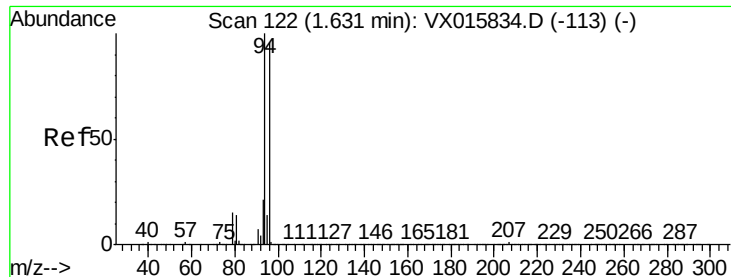
Tot Ion: 50 Resp: 164871
Ion Ratio Lower Upper
50 100
52 32.8 26.2 39.4



#4
Vinyl Chloride
Concen: 18.735 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015833.D
Acq: 22 Apr 2020 10:44

Tgt Ion: 62 Resp: 189958
Ion Ratio Lower Upper
62 100
64 31.5 25.4 38.2





#5

Bromomethane

Concen: 19.090 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX015833.D

Acq: 22 Apr 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

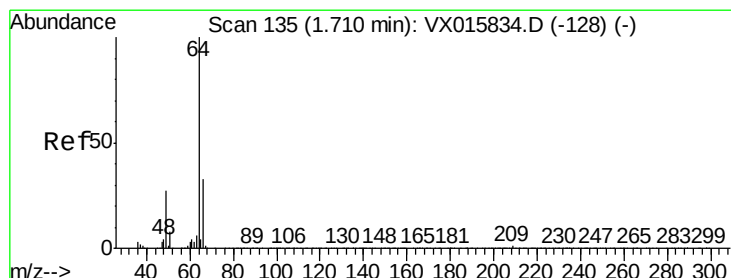
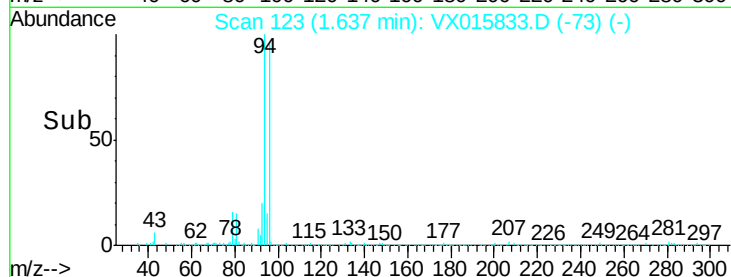
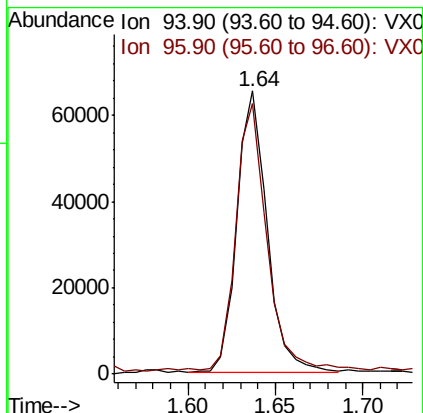
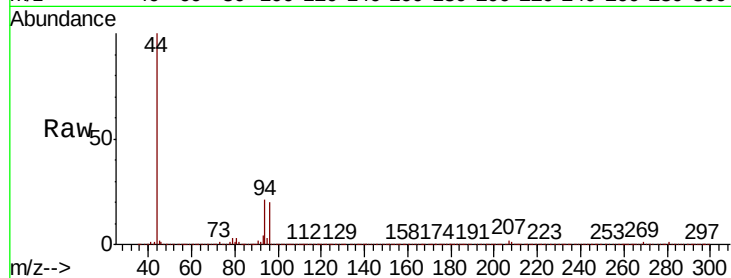
VSTDIC020

Tot Ion: 94 Resp: 78002

Ion Ratio Lower Upper

94 100

96 94.0 76.7 115.1



#6

Chloroethane

Concen: 18.836 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX015833.D

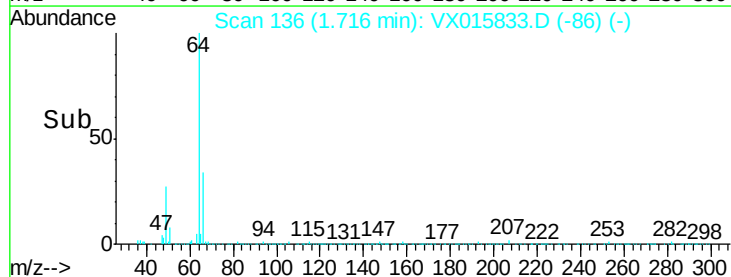
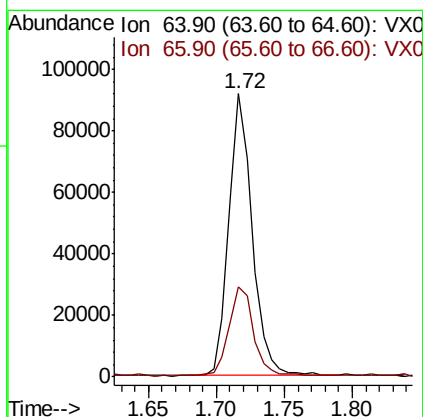
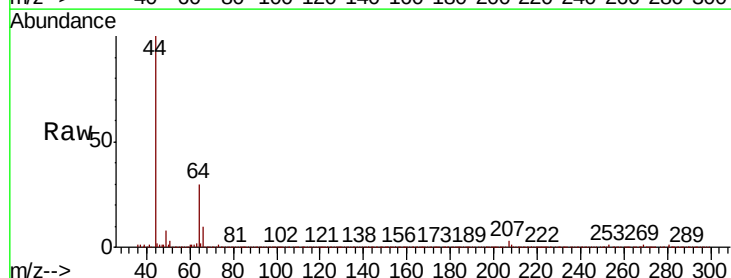
Acq: 22 Apr 2020 10:44

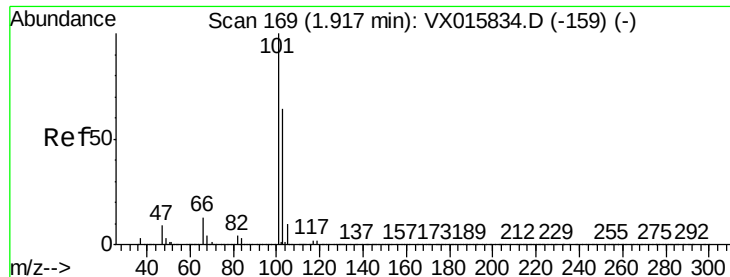
Tgt Ion: 64 Resp: 109524

Ion Ratio Lower Upper

64 100

66 31.6 26.2 39.2



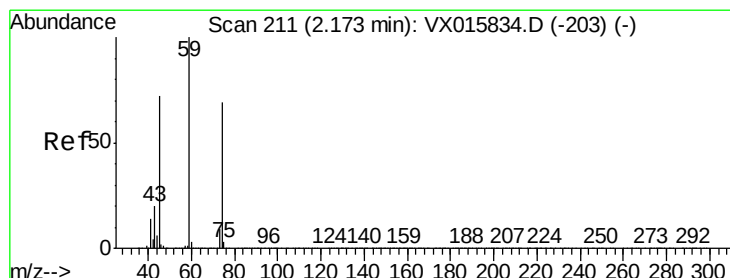
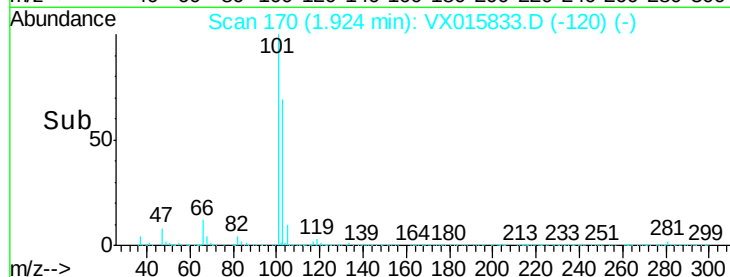
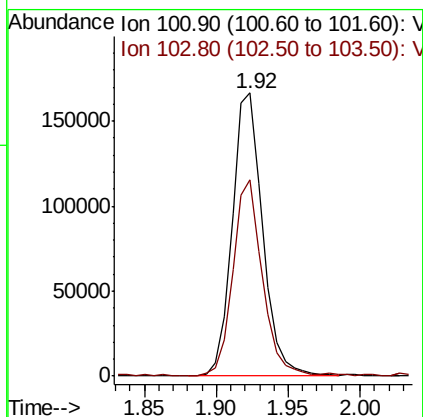
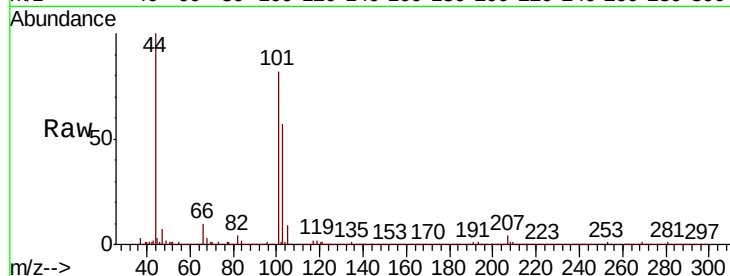


#7

Trichlorofluoromethane
 Concen: 19.125 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX015833.D
 Acq: 22 Apr 2020 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

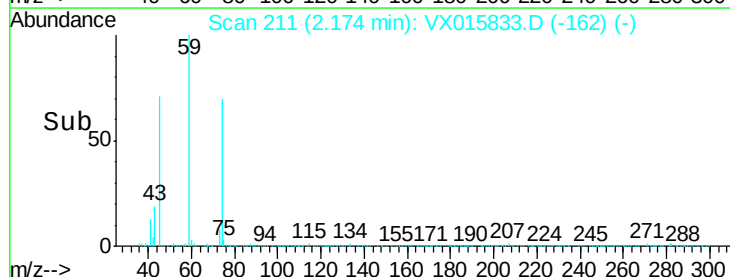
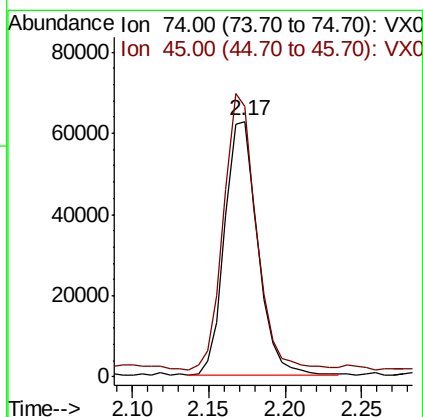
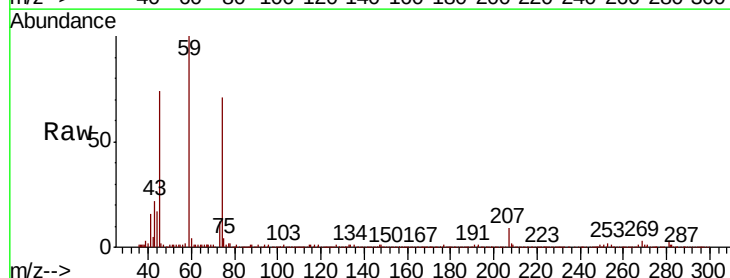
Tot Ion:101 Resp: 244549
 Ion Ratio Lower Upper
 101 100
 103 69.1 51.4 77.0

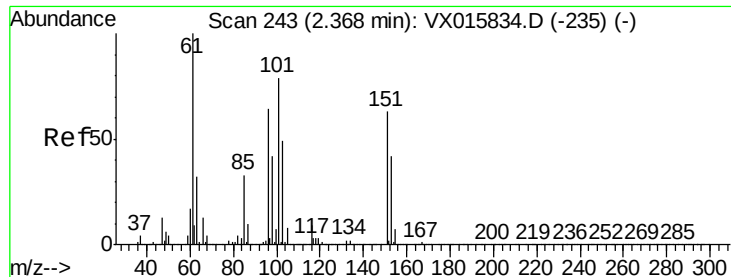


#8

Diethyl Ether
 Concen: 18.025 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. 0.00 min
 Lab File: VX015833.D
 Acq: 22 Apr 2020 10:44

Tgt Ion: 74 Resp: 93102
 Ion Ratio Lower Upper
 74 100
 45 108.8 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.292 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015833.D

Acq: 22 Apr 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

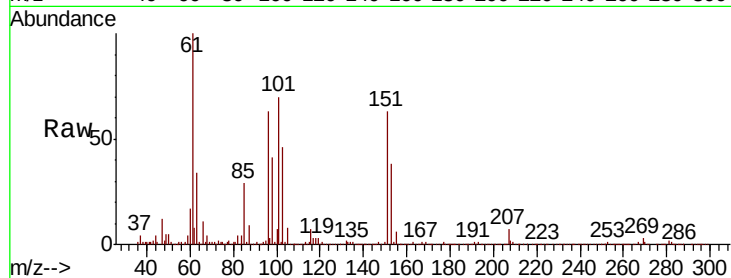
Tot Ion:101 Resp: 158441

Ion Ratio Lower Upper

101 100

85 42.1 33.8 50.6

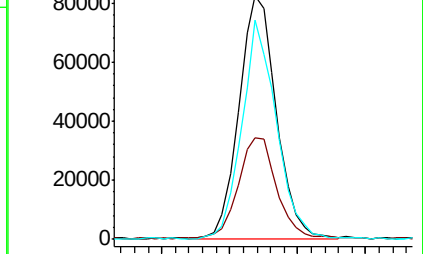
151 83.1 67.8 101.6



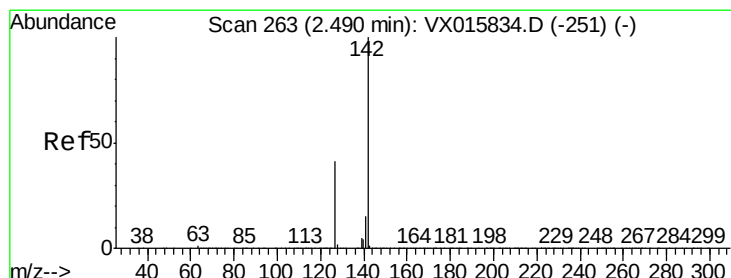
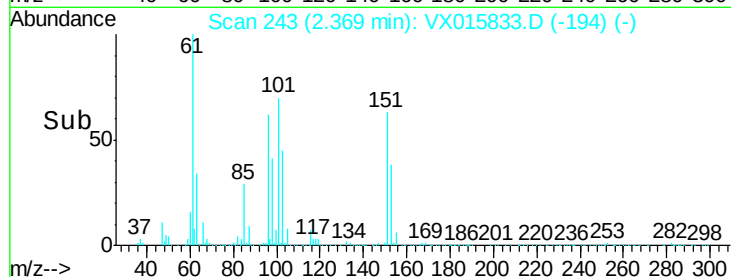
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



Time-->



#10

Methyl Iodide

Concen: 19.237 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.01 min

Lab File: VX015833.D

Acq: 22 Apr 2020 10:44

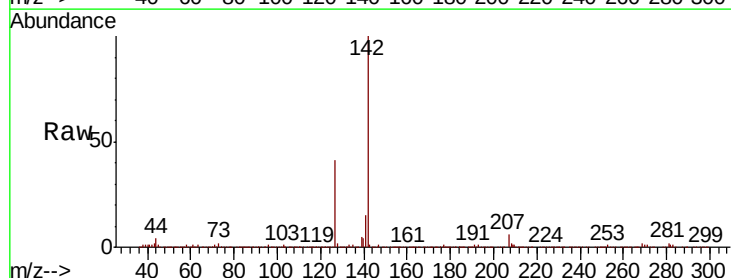
Tgt Ion:142 Resp: 191146

Ion Ratio Lower Upper

142 100

127 40.9 33.3 49.9

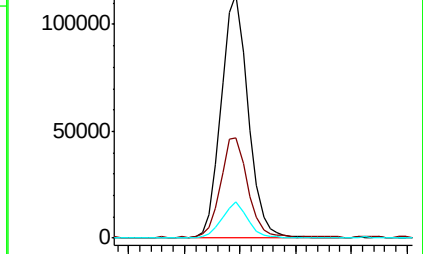
141 14.6 11.8 17.6



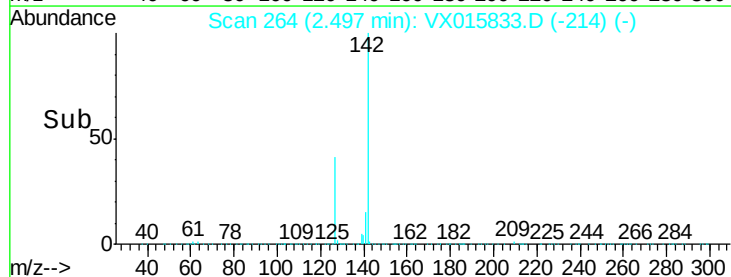
Abundance Ion 141.80 (141.50 to 142.50): V

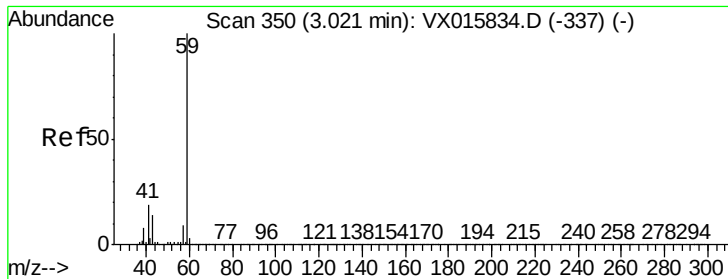
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->



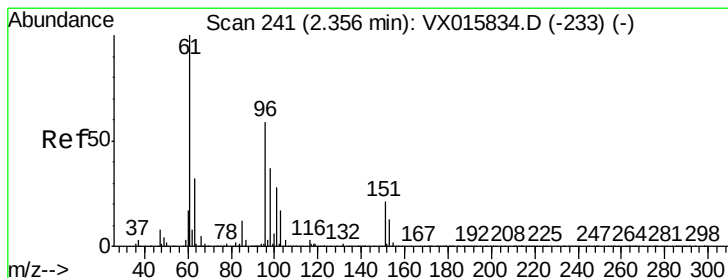
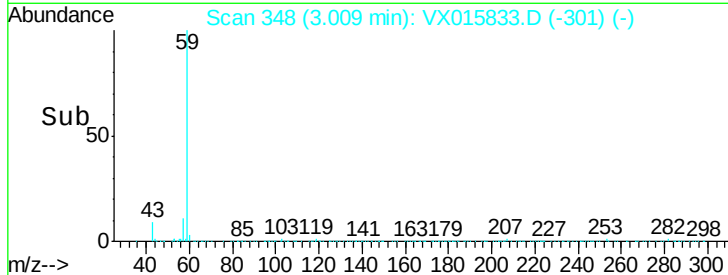
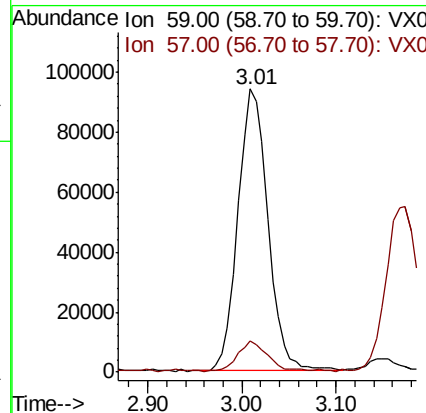
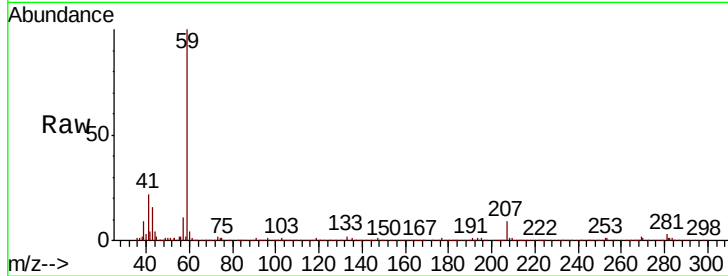


#11

Tert butyl alcohol
 Concen: 92.321 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VX015833.D
 Acq: 22 Apr 2020 10:44

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

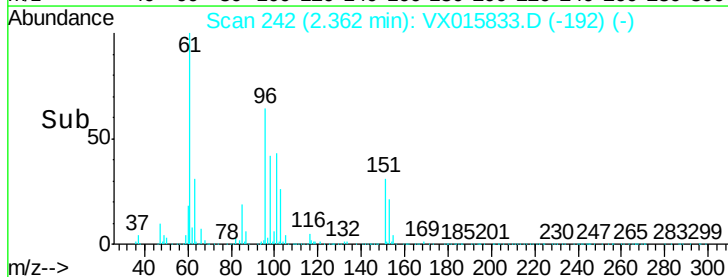
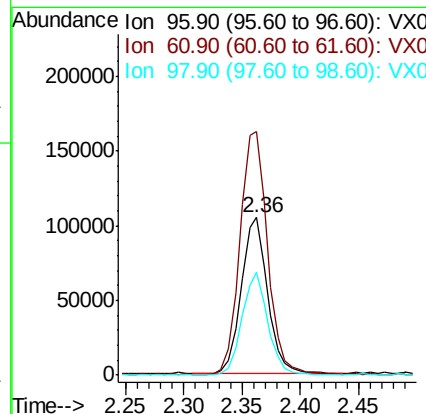
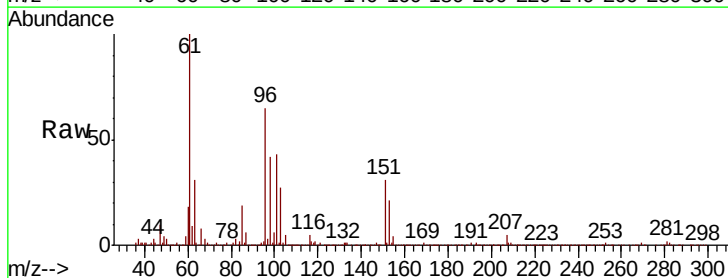
Tot Ion: 59 Resp: 208892
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.2

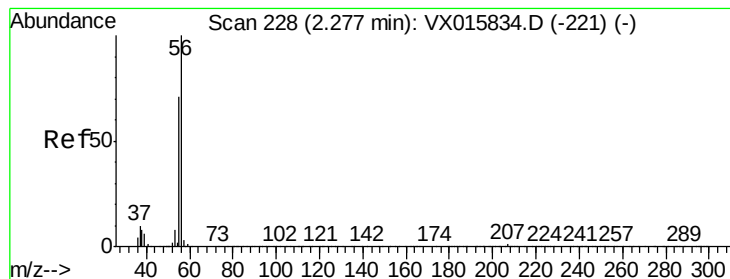


#12

1,1-Dichloroethene
 Concen: 18.826 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.01 min
 Lab File: VX015833.D
 Acq: 22 Apr 2020 10:44

Tgt Ion: 96 Resp: 165477
 Ion Ratio Lower Upper
 96 100
 61 155.3 135.0 202.6
 98 65.4 50.6 76.0





#13

Acrolein

Concen: 86.728 ug/l

RT: 2.28 min Scan# 228

Delta R.T. 0.00 min

Lab File: VX015833.D

Acq: 22 Apr 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

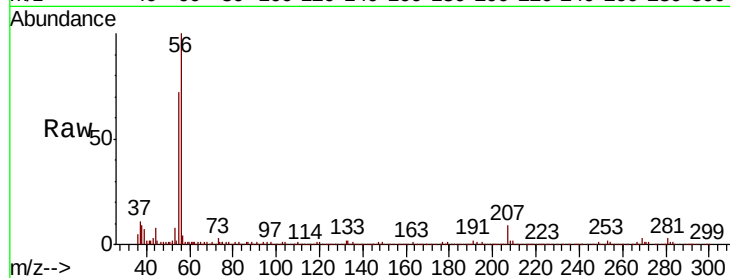
VSTDIC020

Tot Ion: 56 Resp: 120324

Ion Ratio Lower Upper

56 100

55 71.2 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

80000

60000

40000

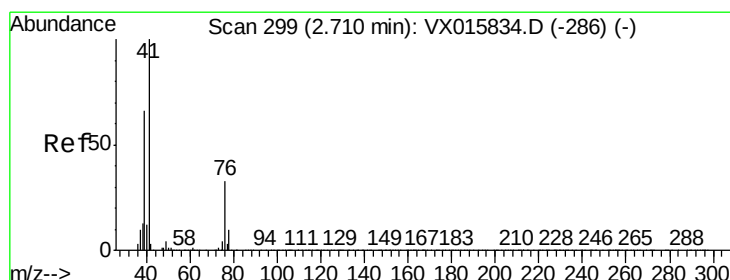
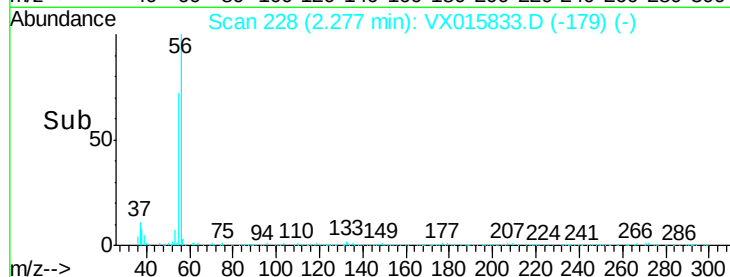
20000

0

Time-->

2.20 2.25 2.30 2.35

2.28



#14

Allyl chloride

Concen: 18.745 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.00 min

Lab File: VX015833.D

Acq: 22 Apr 2020 10:44

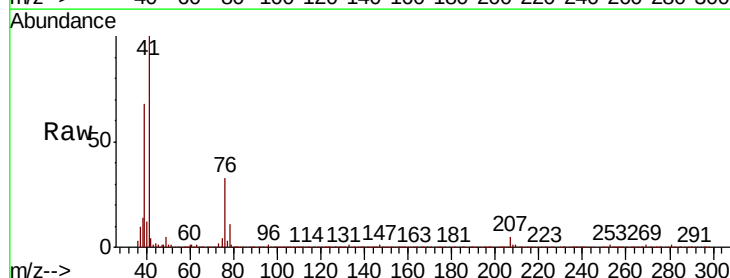
Tgt Ion: 41 Resp: 352839

Ion Ratio Lower Upper

41 100

39 61.5 48.4 72.6

76 29.5 23.8 35.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

400000

300000

200000

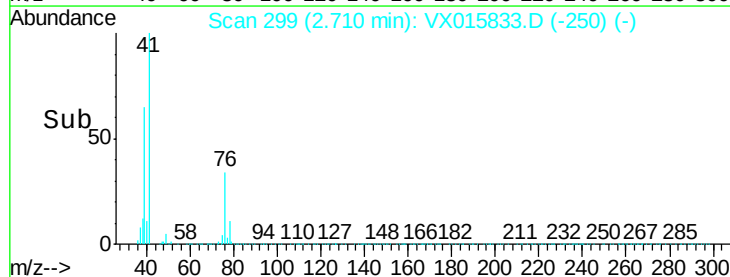
100000

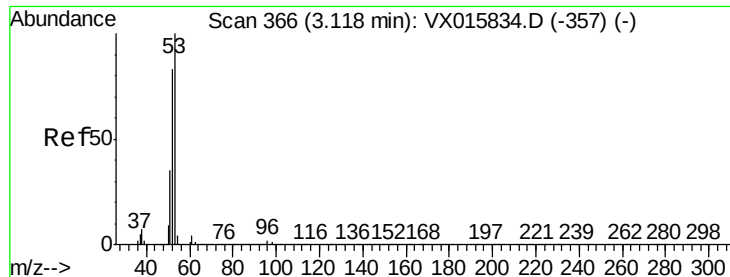
0

Time-->

2.60 2.70 2.80

2.71





#15

Acrylonitrile

Concen: 96.406 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015833.D

Acq: 22 Apr 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

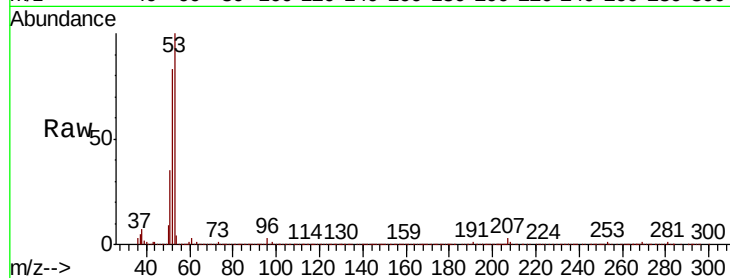
Tot Ion: 53 Resp: 515839

Ion Ratio Lower Upper

53 100

52 82.6 66.2 99.4

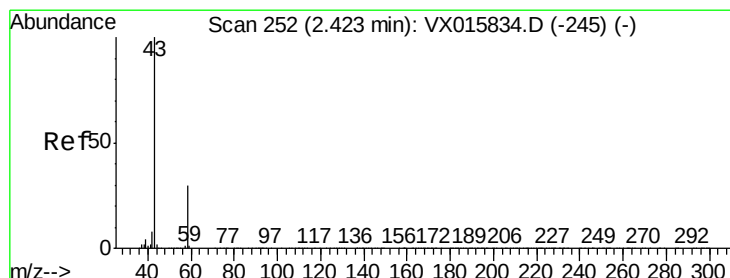
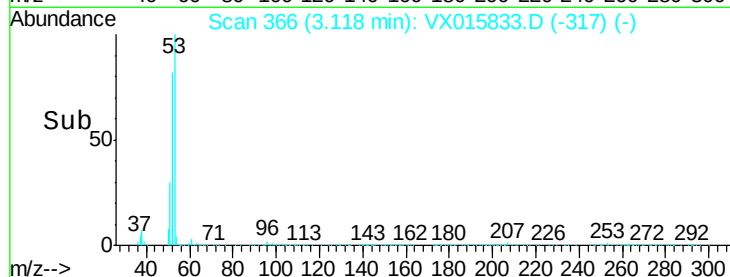
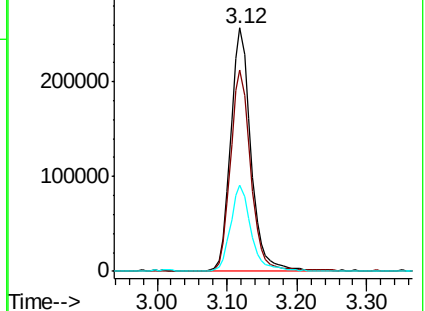
51 35.6 28.6 43.0



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: 83.326 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015833.D

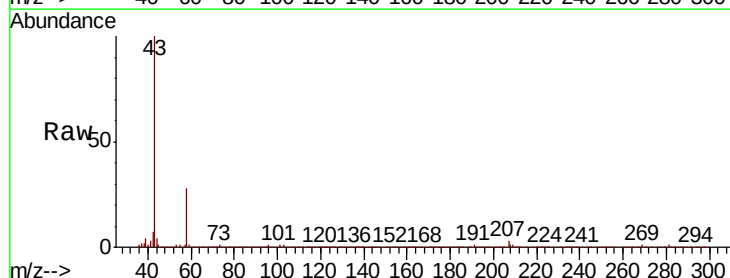
Acq: 22 Apr 2020 10:44

Tgt Ion: 43 Resp: 430082

Ion Ratio Lower Upper

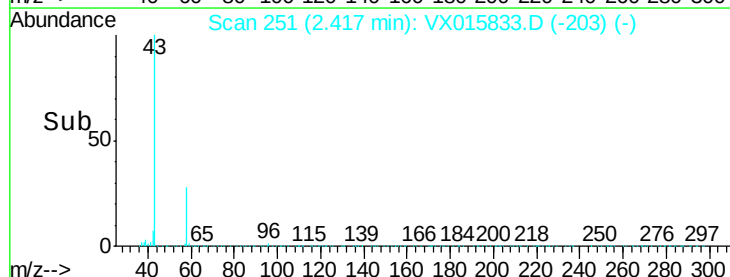
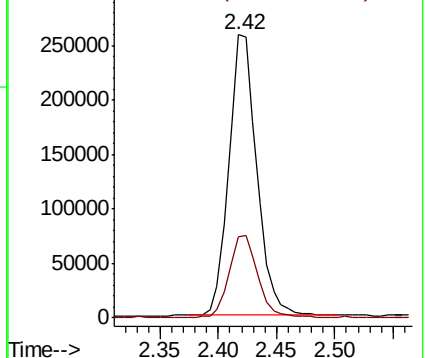
43 100

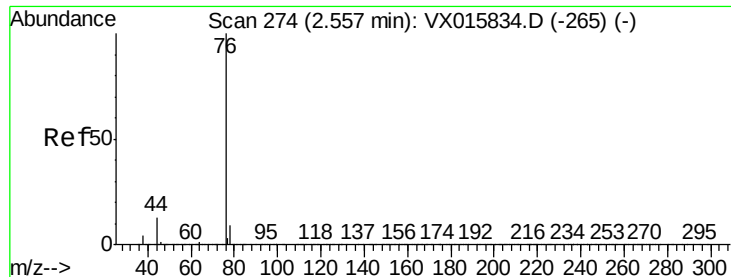
58 28.5 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 13.860 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX015833.D

Acq: 22 Apr 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

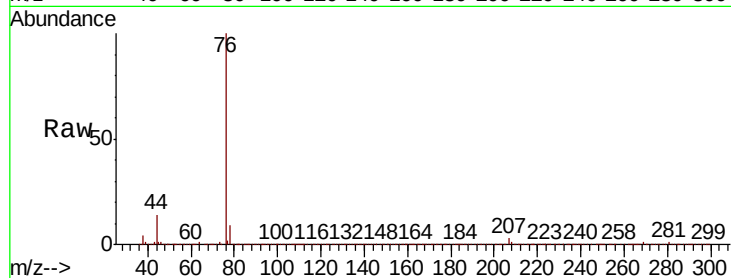
VSTDIC020

Tot Ion: 76 Resp: 493663

Ion Ratio Lower Upper

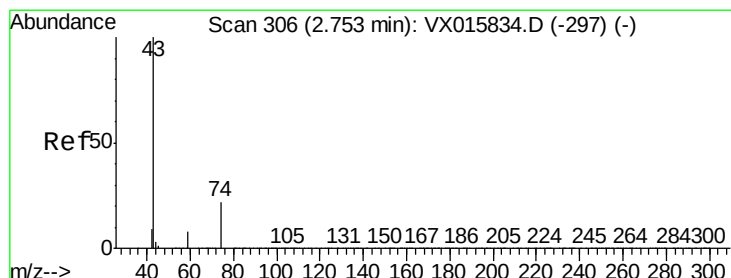
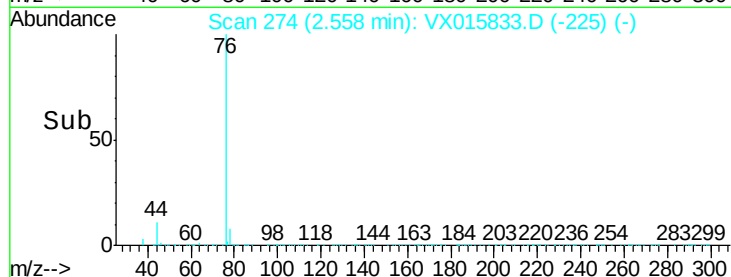
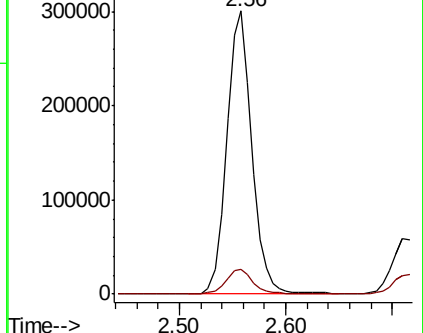
76 100

78 8.7 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.181 ug/l

RT: 2.75 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX015833.D

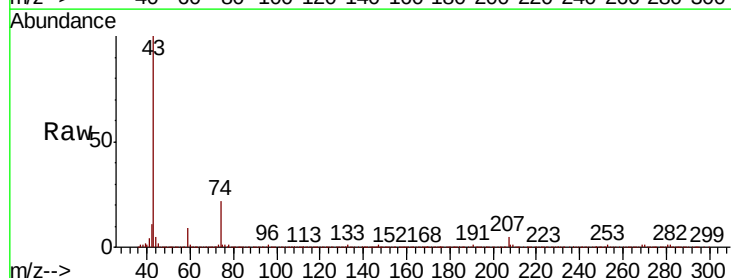
Acq: 22 Apr 2020 10:44

Tgt Ion: 43 Resp: 297760

Ion Ratio Lower Upper

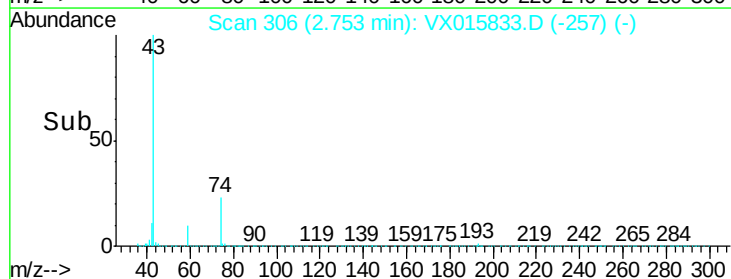
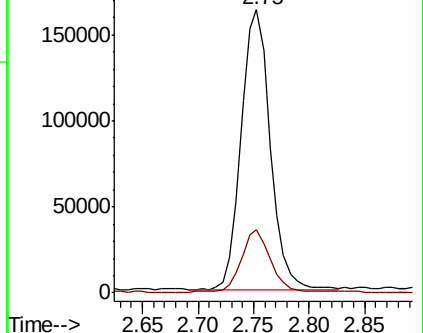
43 100

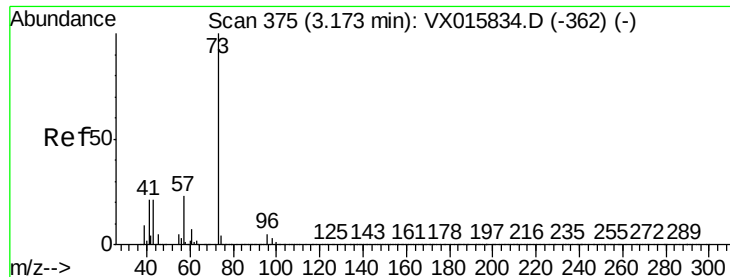
74 22.0 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



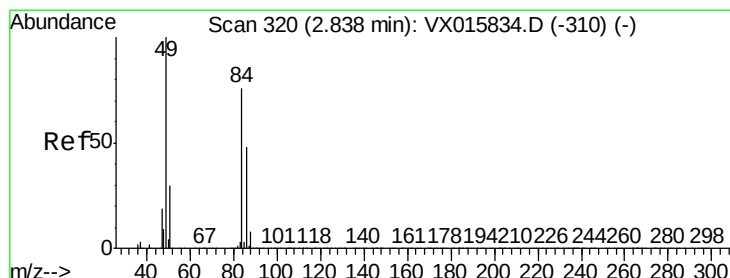
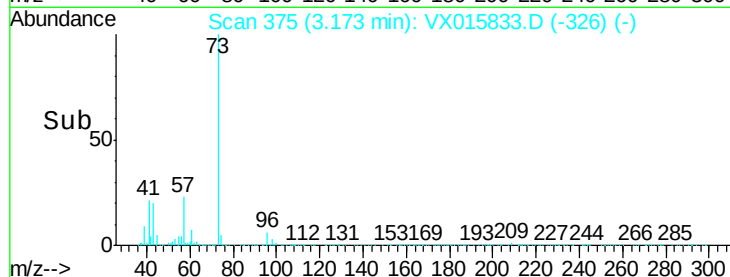
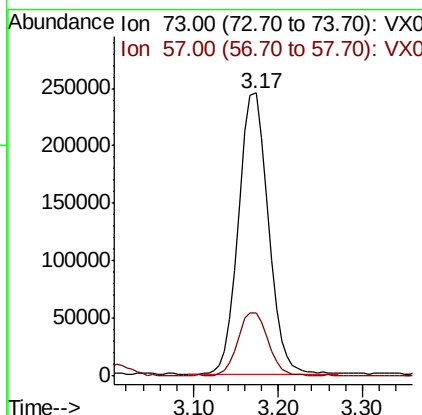
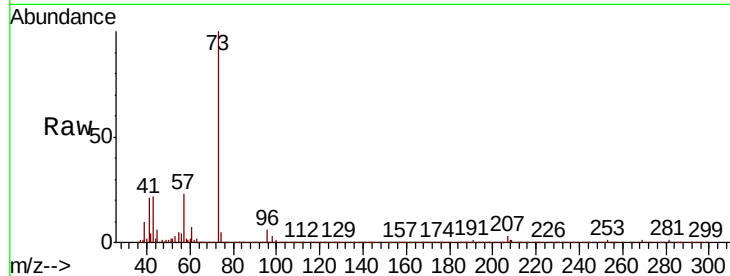


#19

Methyl tert-butyl Ether
 Concen: 18.952 ug/l
 RT: 3.17 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VX015833.D
 Acq: 22 Apr 2020 10:44

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

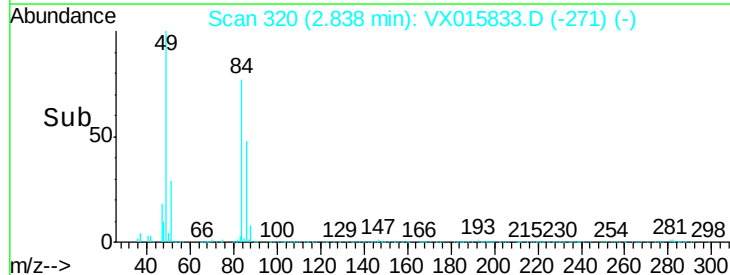
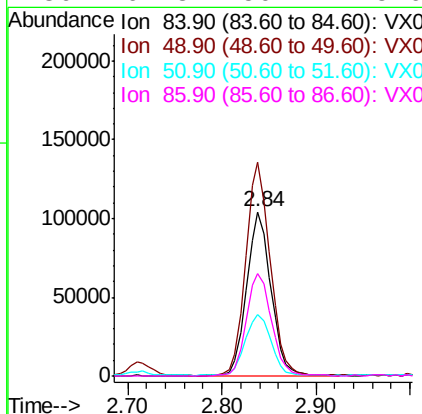
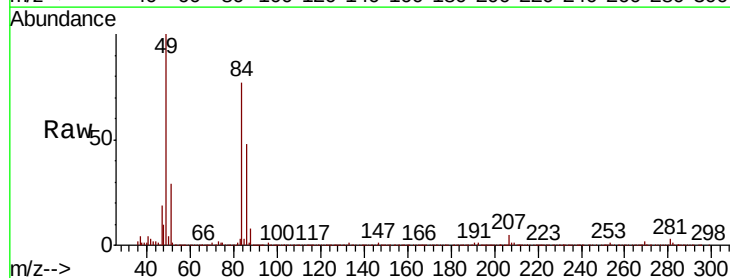
Tot Ion: 73 Resp: 585764
 Ion Ratio Lower Upper
 73 100
 57 22.5 18.1 27.1

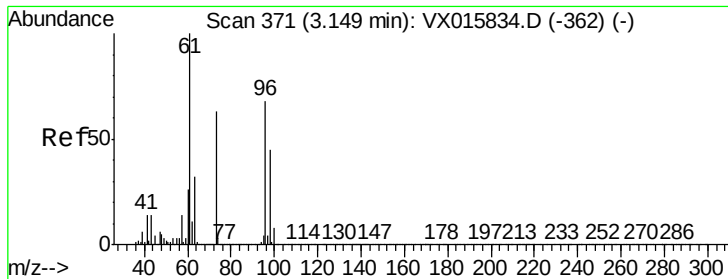


#20

Methylene Chloride
 Concen: 18.281 ug/l
 RT: 2.84 min Scan# 320
 Delta R.T. 0.00 min
 Lab File: VX015833.D
 Acq: 22 Apr 2020 10:44

Tgt Ion: 84 Resp: 187219
 Ion Ratio Lower Upper
 84 100
 49 129.9 104.9 157.3
 51 37.3 32.0 48.0
 86 62.3 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 17.958 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.00 min

Lab File: VX015833.D

Acq: 22 Apr 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

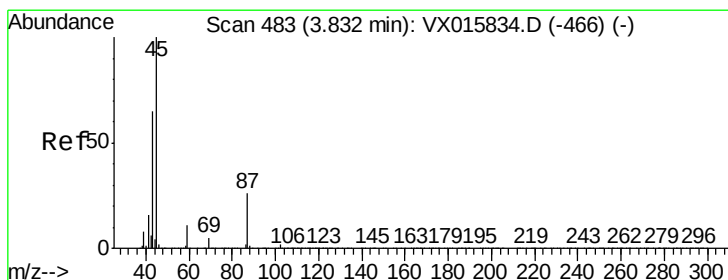
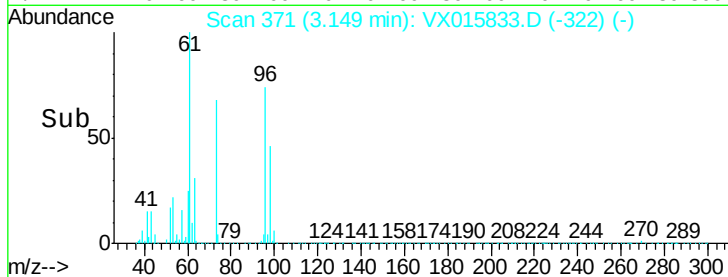
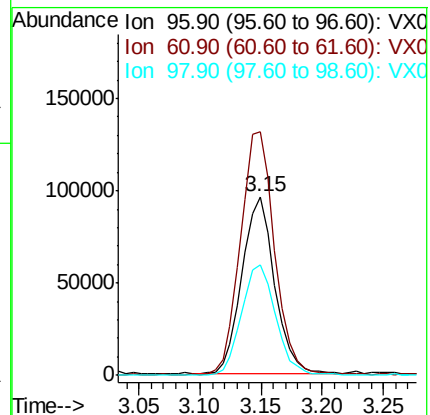
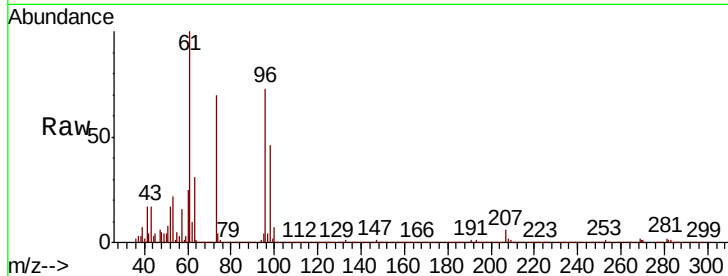
Tot Ion: 96 Resp: 176916

Ion Ratio Lower Upper

96 100

61 137.2 117.5 176.3

98 62.6 52.7 79.1



#22

Diisopropyl ether

Concen: 18.937 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.01 min

Lab File: VX015833.D

Acq: 22 Apr 2020 10:44

Tgt Ion: 45 Resp: 641616

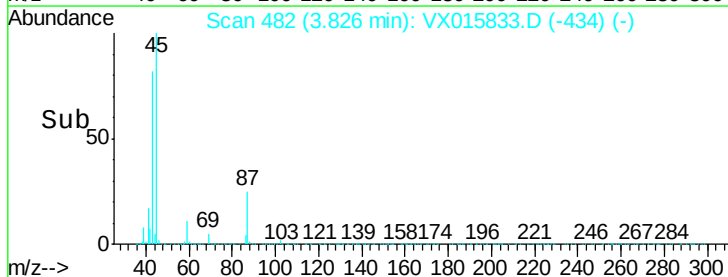
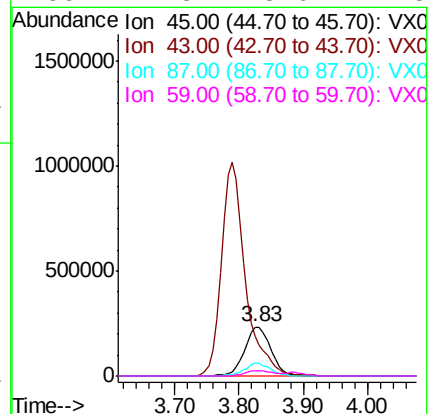
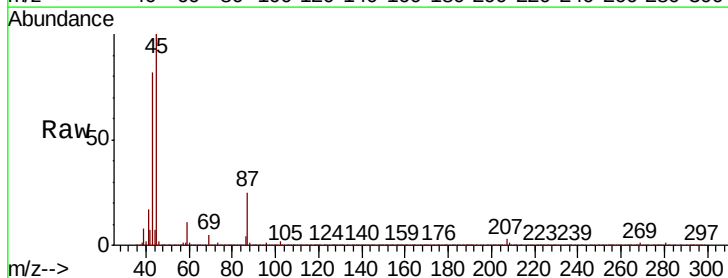
Ion Ratio Lower Upper

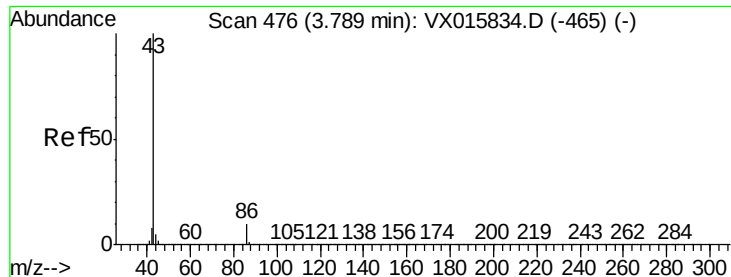
45 100

43 81.9 52.4 78.6#

87 25.2 20.7 31.1

59 11.3 8.6 12.8





#23

Vinyl Acetate

Concen: 94.009 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015833.D

Acq: 22 Apr 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

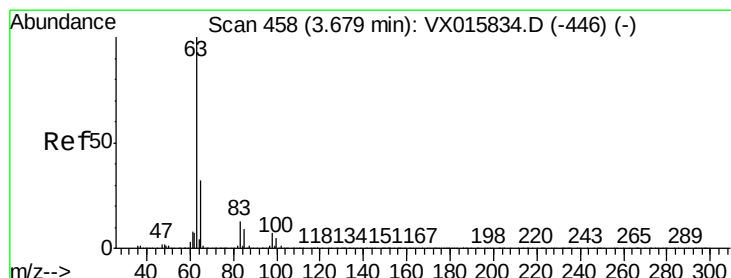
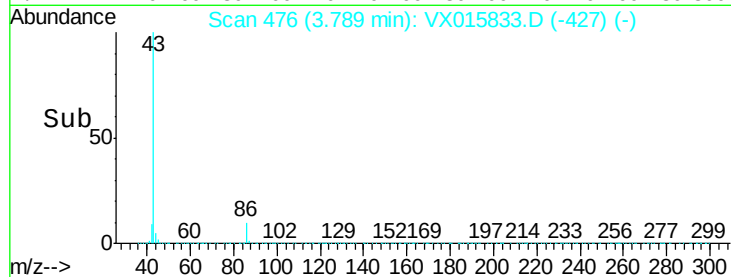
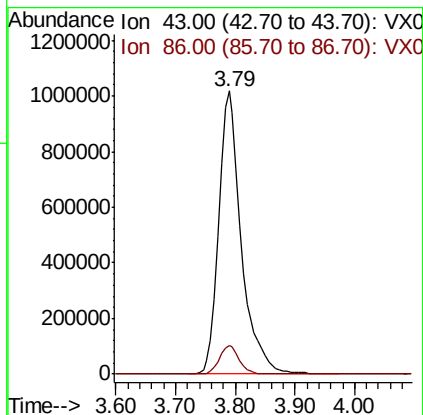
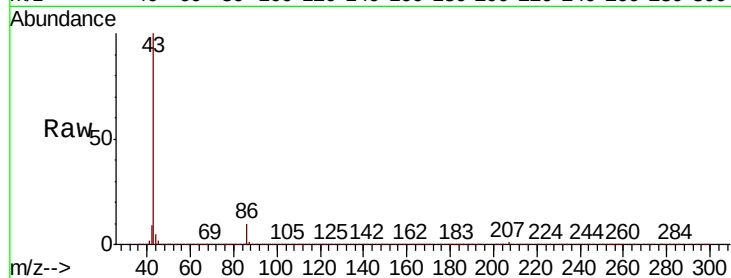
VSTDIC020

Tot Ion: 43 Resp: 2662912

Ion Ratio Lower Upper

43 100

86 10.2 8.0 12.0



#24

1,1-Dichloroethane

Concen: 18.925 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX015833.D

Acq: 22 Apr 2020 10:44

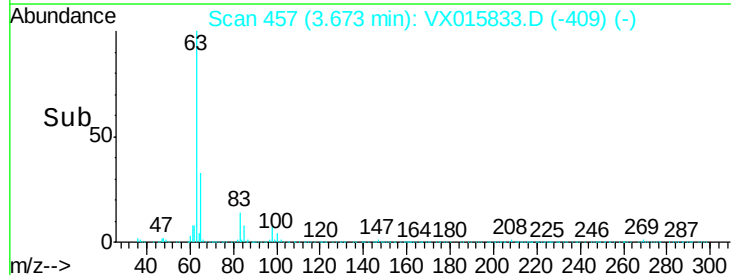
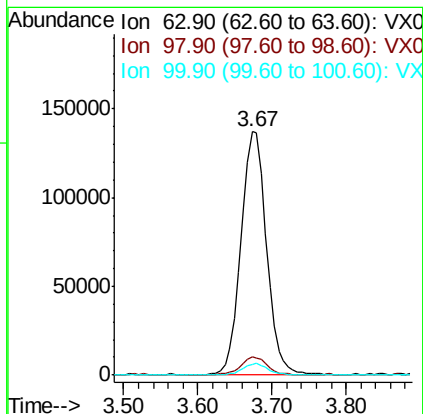
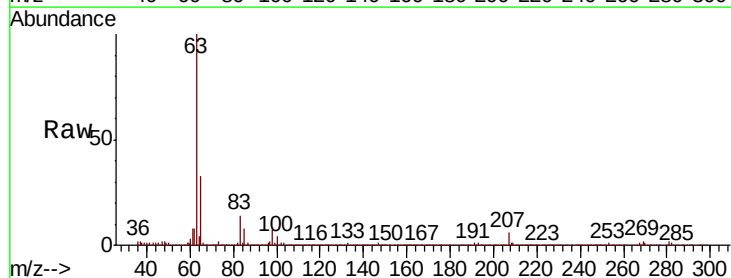
Tgt Ion: 63 Resp: 330510

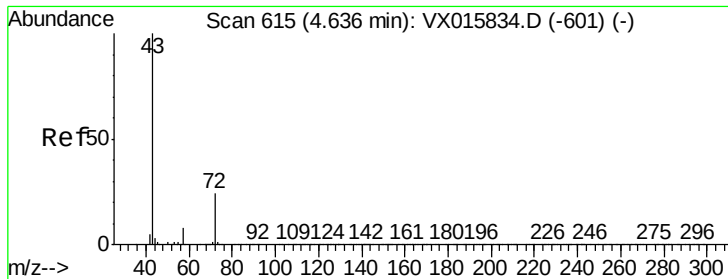
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

100 4.0 2.3 6.8





#25

2-Butanone

Concen: 92.504 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015833.D

Acq: 22 Apr 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

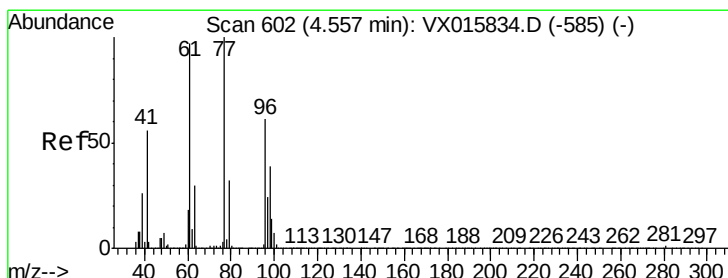
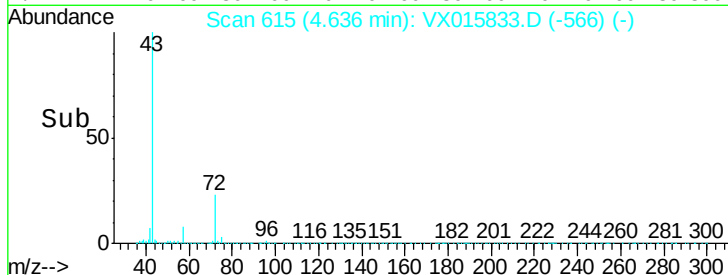
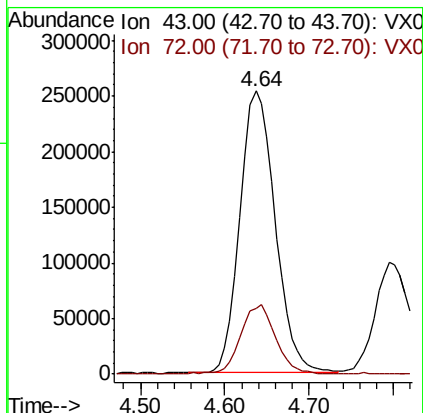
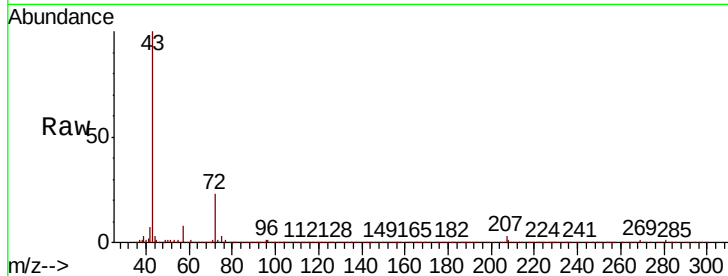
VSTDIC020

Tot Ion: 43 Resp: 721839

Ion Ratio Lower Upper

43 100

72 23.2 19.4 29.2



#26

2,2-Dichloropropane

Concen: 18.925 ug/l

RT: 4.56 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX015833.D

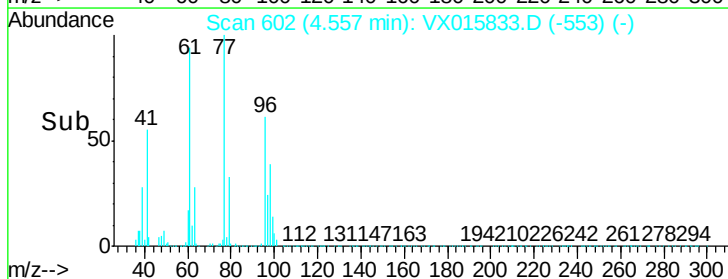
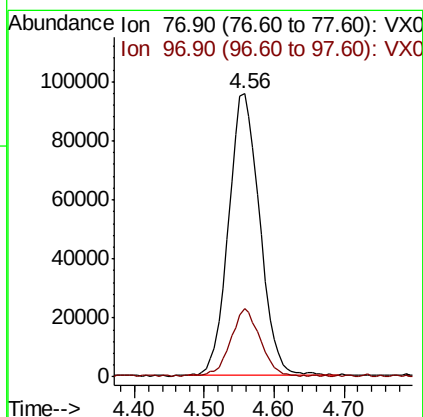
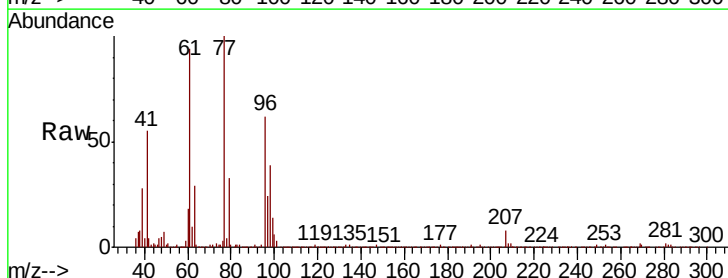
Acq: 22 Apr 2020 10:44

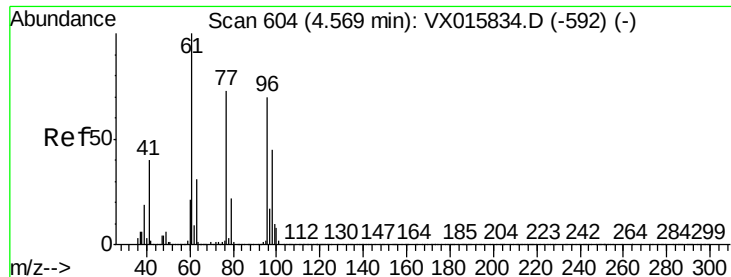
Tgt Ion: 77 Resp: 296981

Ion Ratio Lower Upper

77 100

97 22.3 11.4 34.1



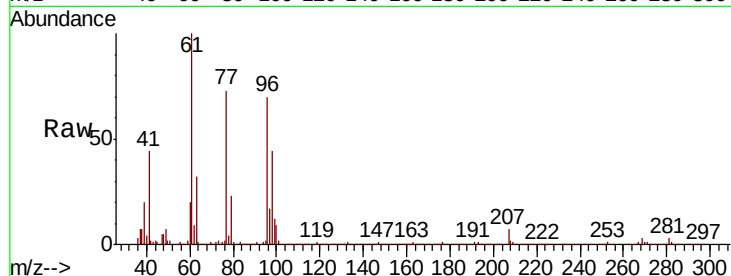


#27

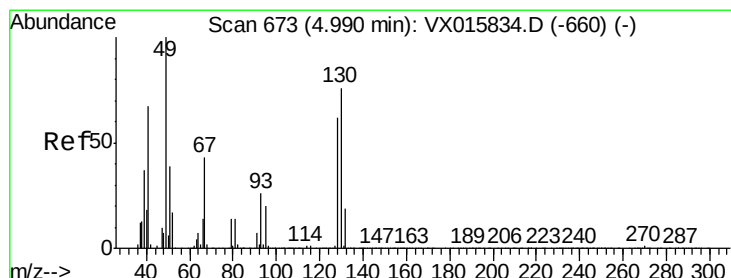
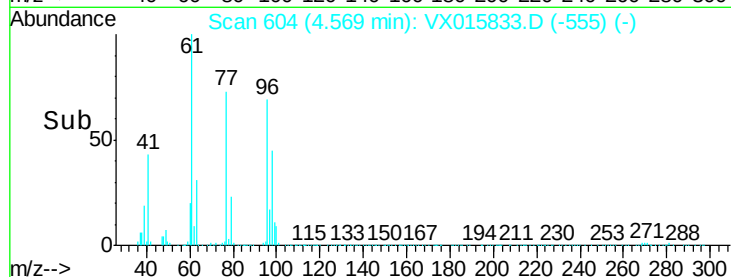
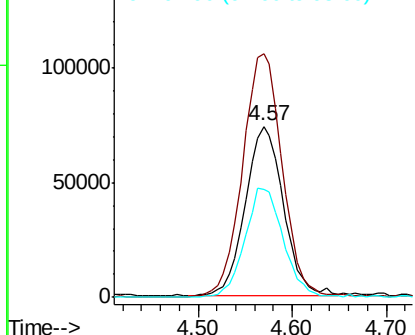
cis-1,2-Dichloroethene
Concen: 18.897 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX015833.D
Acq: 22 Apr 2020 10:44

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.8	0.0	299.4
98	64.4	0.0	129.6



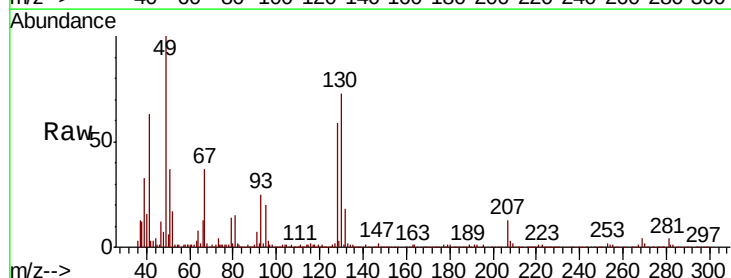
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



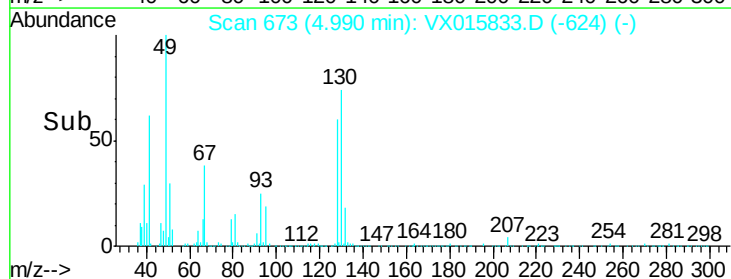
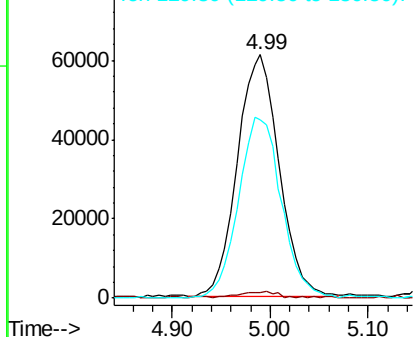
#28

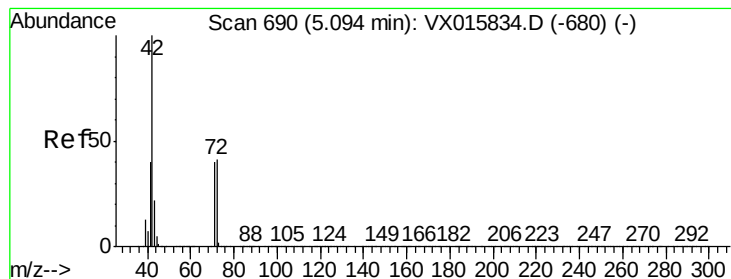
Bromochloromethane
Concen: 19.204 ug/l
RT: 4.99 min Scan# 673
Delta R.T. 0.00 min
Lab File: VX015833.D
Acq: 22 Apr 2020 10:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	1.8#
130	76.4	62.4	93.6



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 93.593 ug/l

RT: 5.09 min Scan# 690

Delta R.T. 0.00 min

Lab File: VX015833.D

Acq: 22 Apr 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

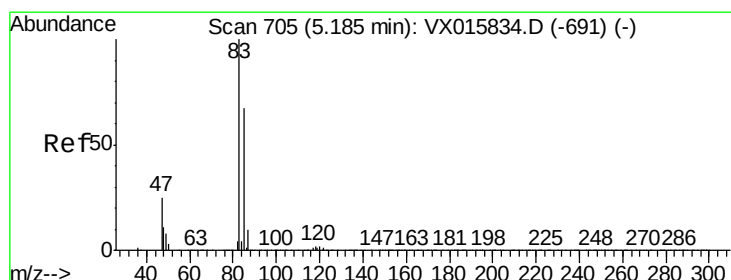
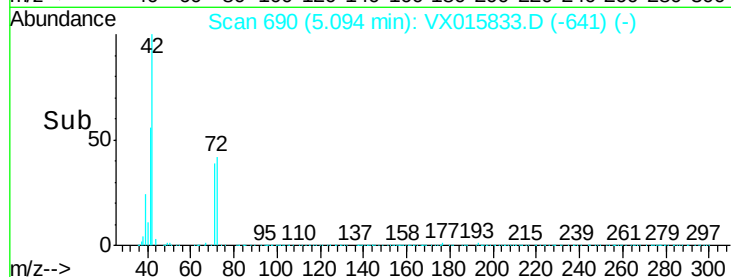
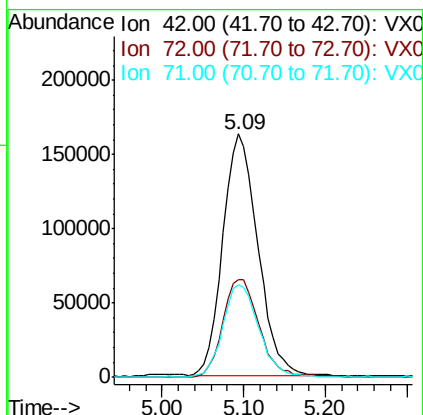
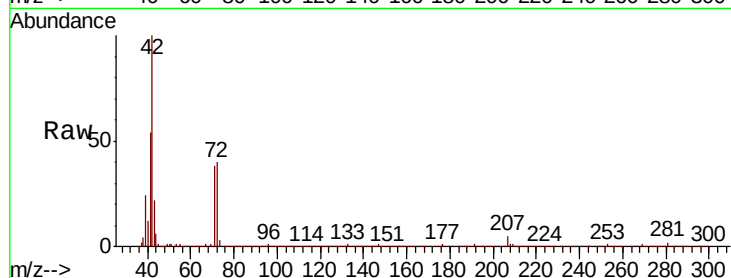
Tot Ion: 42 Resp: 485057

Ion Ratio Lower Upper

42 100

72 42.4 33.0 49.6

71 38.3 30.6 45.8



#30

Chloroform

Concen: 18.356 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015833.D

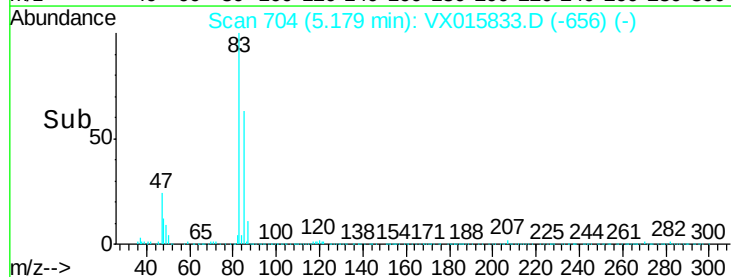
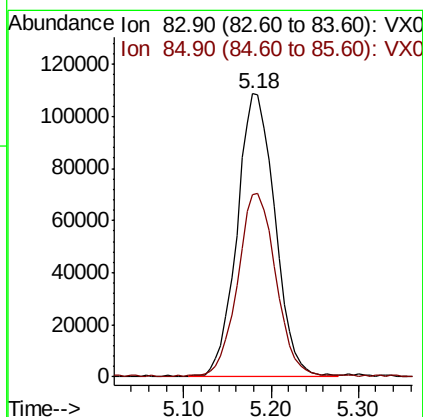
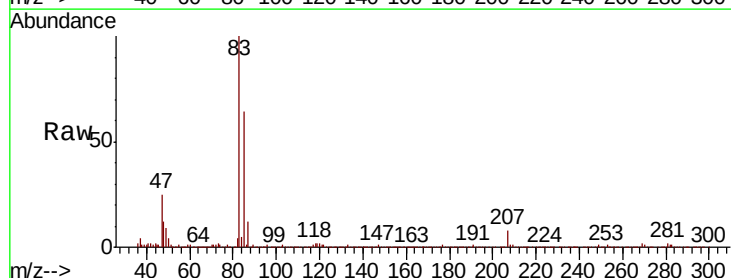
Acq: 22 Apr 2020 10:44

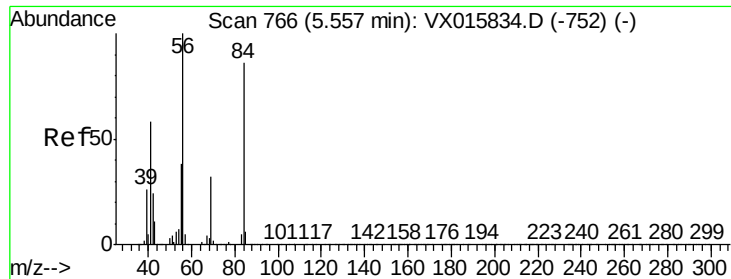
Tgt Ion: 83 Resp: 326548

Ion Ratio Lower Upper

83 100

85 64.0 53.4 80.0

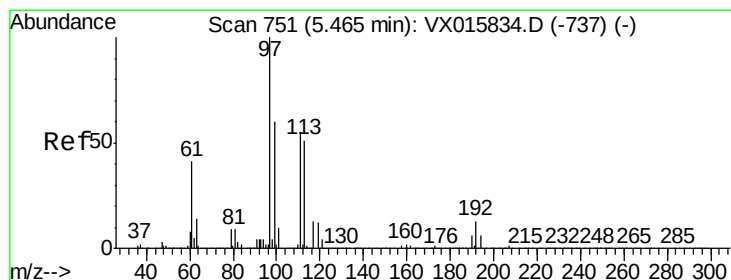
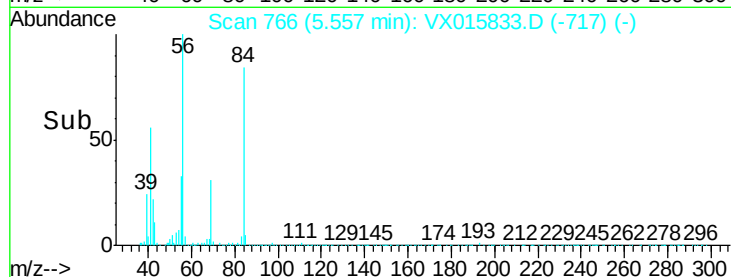
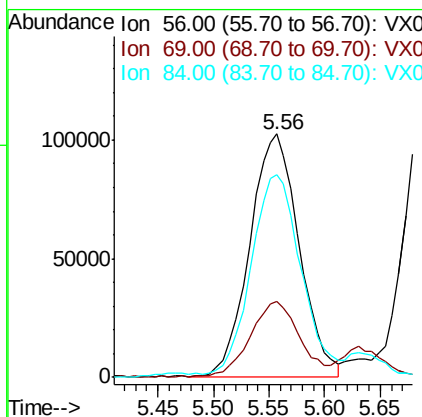
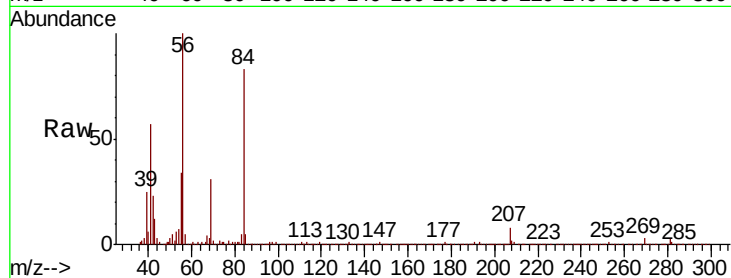




#31
Cyclohexane
Concen: 18.438 ug/l
RT: 5.56 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX015833.D
Acq: 22 Apr 2020 10:44

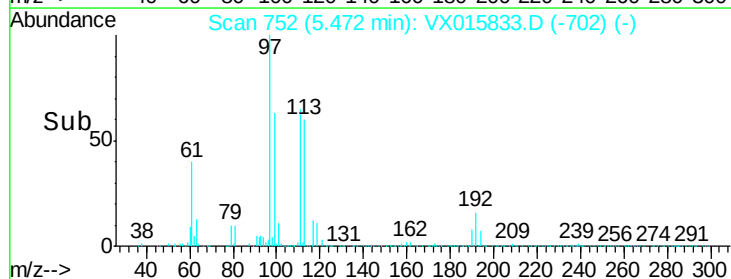
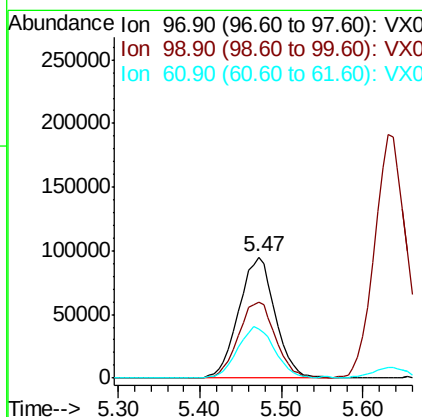
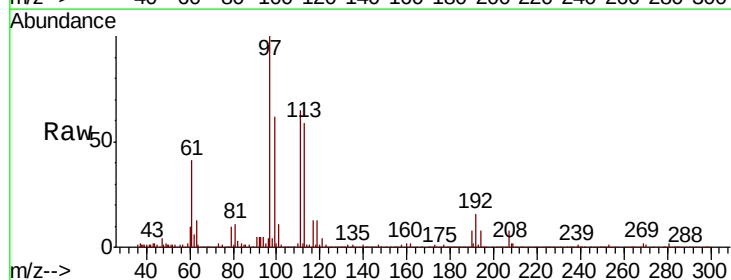
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

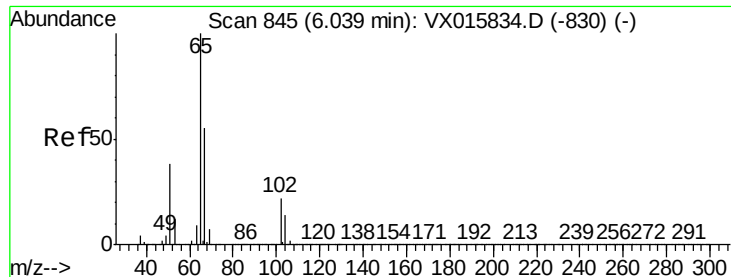
Tot Ion: 56 Resp: 313088
Ion Ratio Lower Upper
56 100
69 31.2 25.3 37.9
84 82.3 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 18.642 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX015833.D
Acq: 22 Apr 2020 10:44

Tgt Ion: 97 Resp: 292689
Ion Ratio Lower Upper
97 100
99 63.6 51.2 76.8
61 42.6 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 18.310 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.00 min

Lab File: VX015833.D

Acq: 22 Apr 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

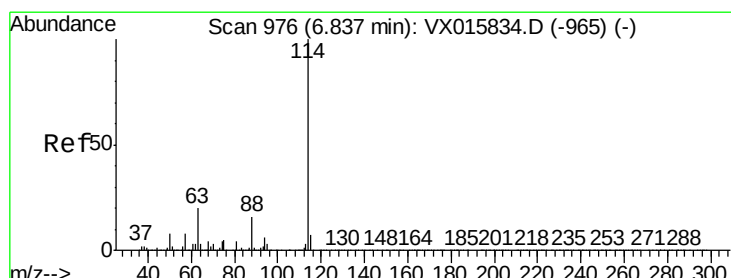
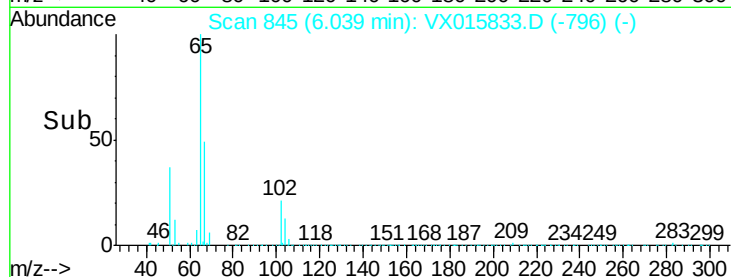
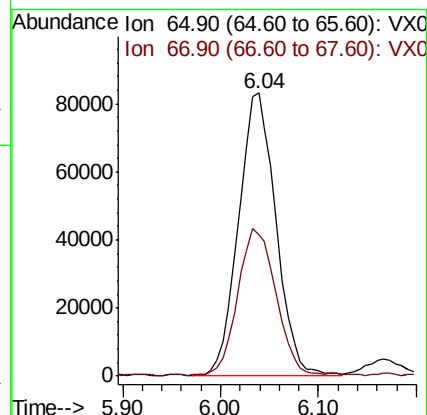
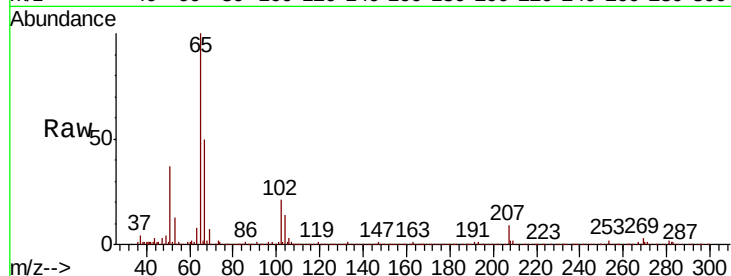
VSTDIC020

Tot Ion: 65 Resp: 219234

Ion Ratio Lower Upper

65 100

67 54.4 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: VX015833.D

Acq: 22 Apr 2020 10:44

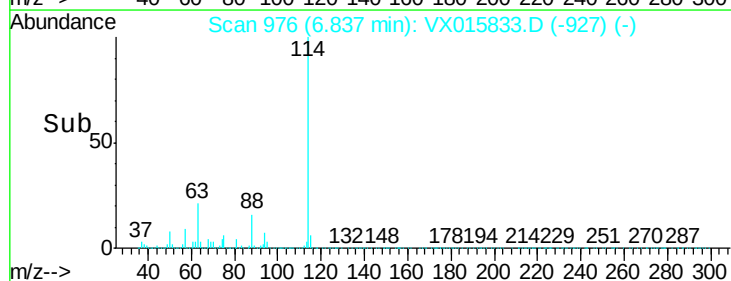
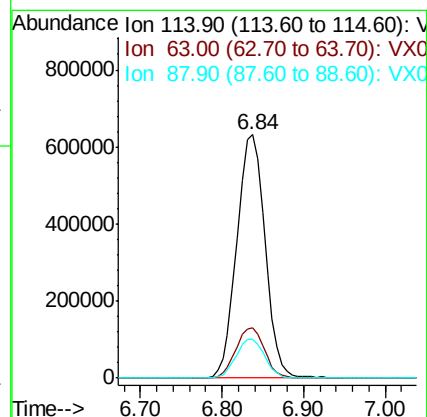
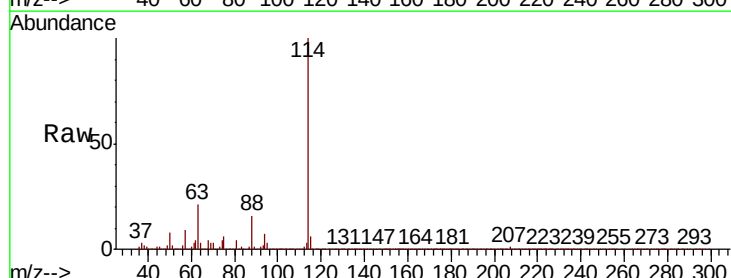
Tgt Ion: 114 Resp: 1511560

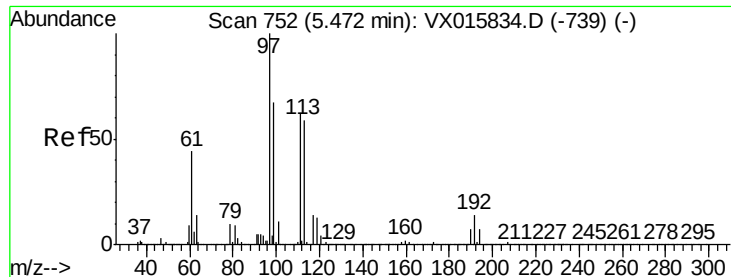
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.6

88 16.1 0.0 32.8

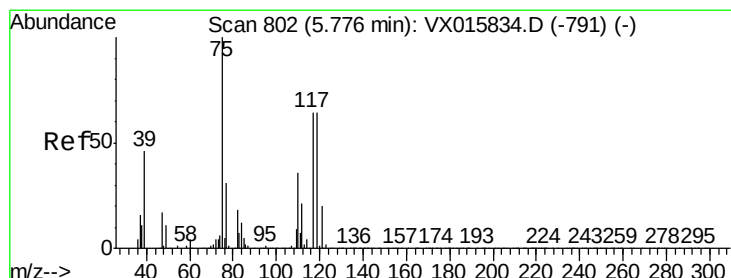
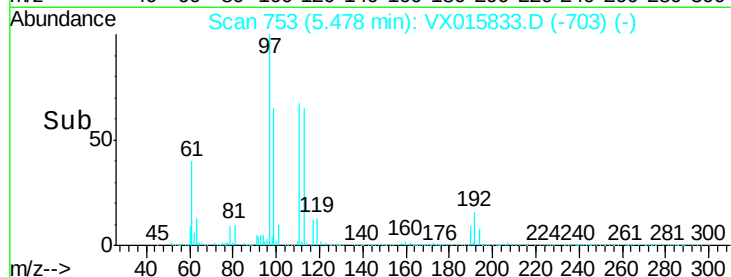
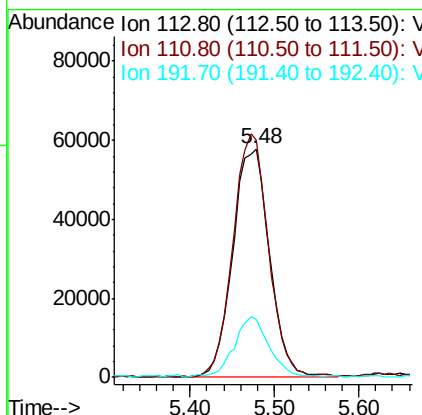
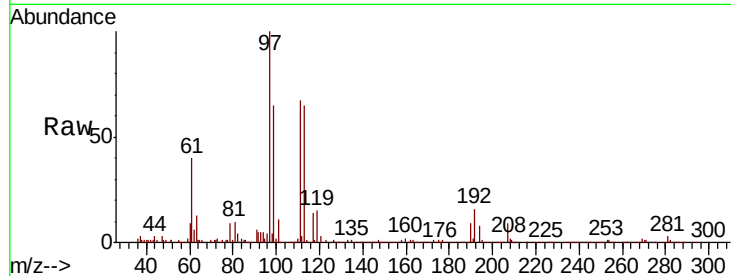




#35
 Dibromofluoromethane
 Concen: 17.823 ug/l
 RT: 5.48 min Scan# 753
 Delta R.T. 0.01 min
 Lab File: VX015833.D
 Acq: 22 Apr 2020 10:44

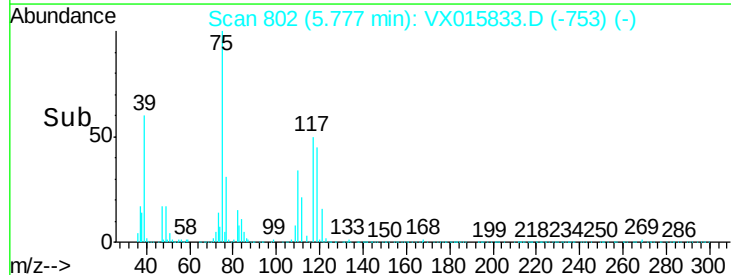
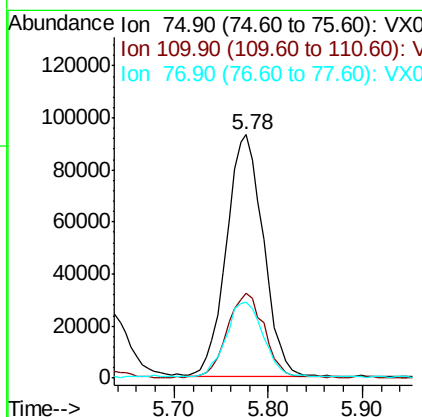
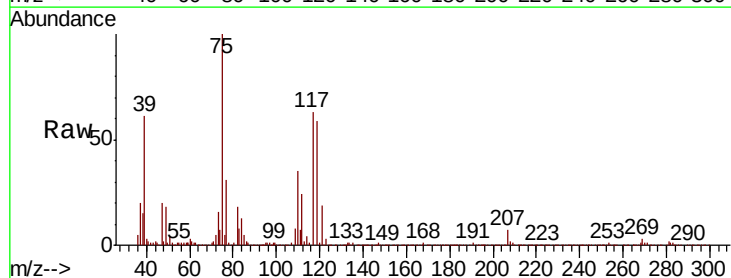
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

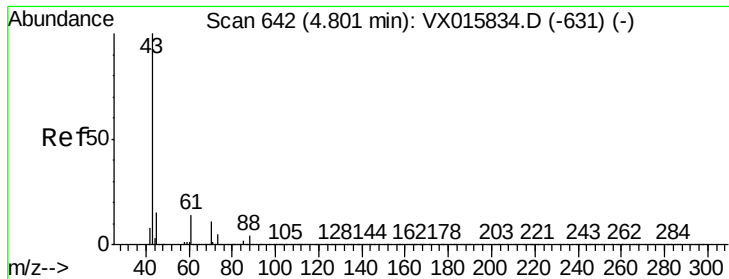
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.7	124.1
192	25.6	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 19.114 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: VX015833.D
 Acq: 22 Apr 2020 10:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.9	53.8
77	31.0	24.5	36.7

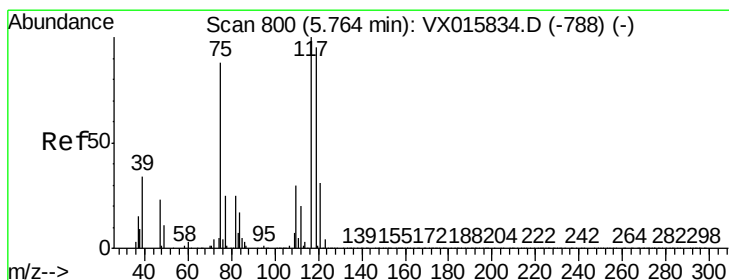
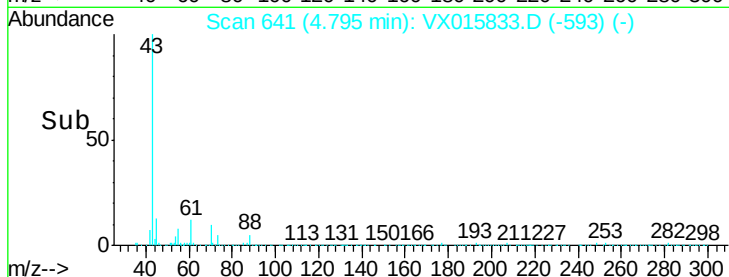
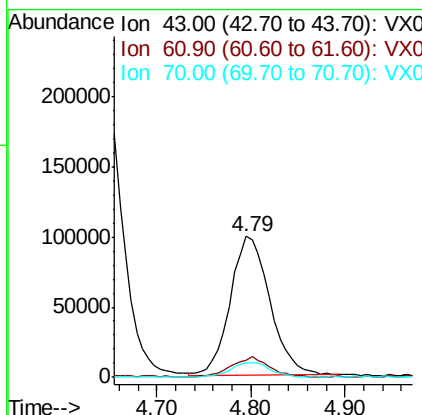
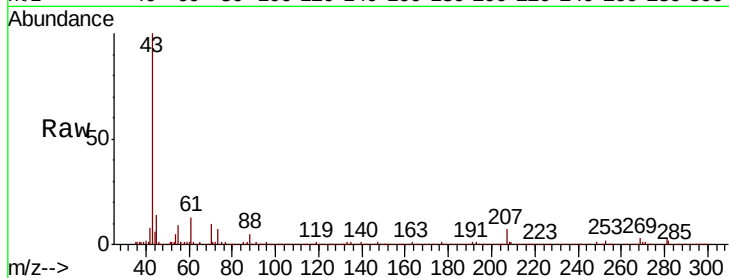




#37
Ethyl Acetate
Concen: 18.085 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015833.D
Acq: 22 Apr 2020 10:44

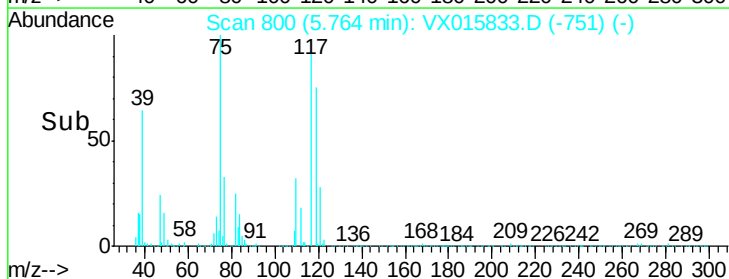
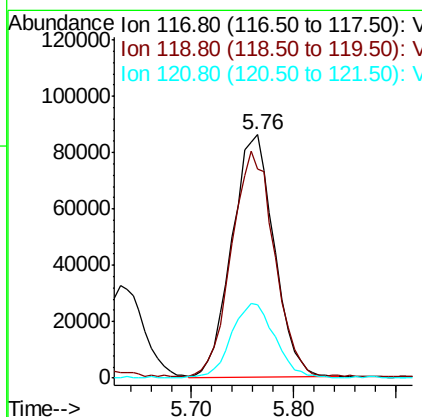
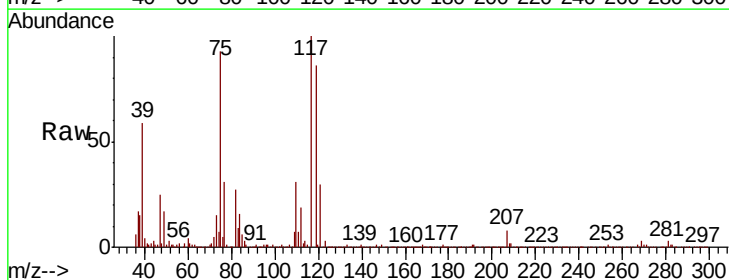
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

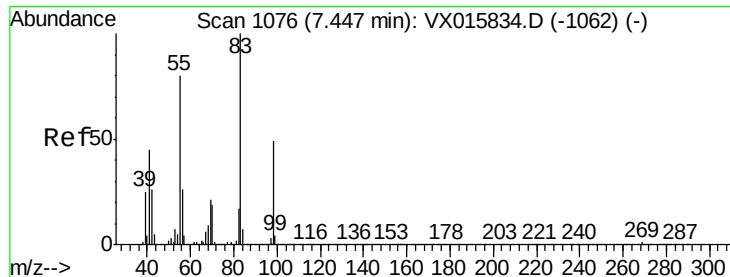
Tot Ion	43	Resp	288537
Ion Ratio	Lower	Upper	
43	100		
61	13.5	10.8	16.2
70	11.2	8.2	12.2



#38
Carbon Tetrachloride
Concen: 19.167 ug/l
RT: 5.76 min Scan# 800
Delta R.T. 0.00 min
Lab File: VX015833.D
Acq: 22 Apr 2020 10:44

Tgt Ion	117	Resp	247032
Ion Ratio	Lower	Upper	
117	100		
119	85.5	75.7	113.5
121	29.9	25.0	37.6

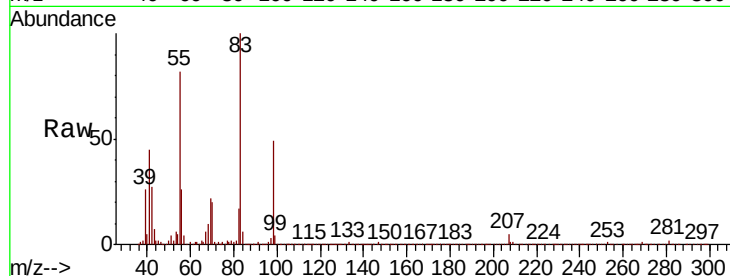




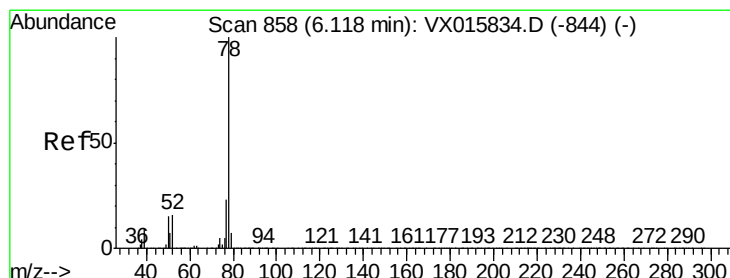
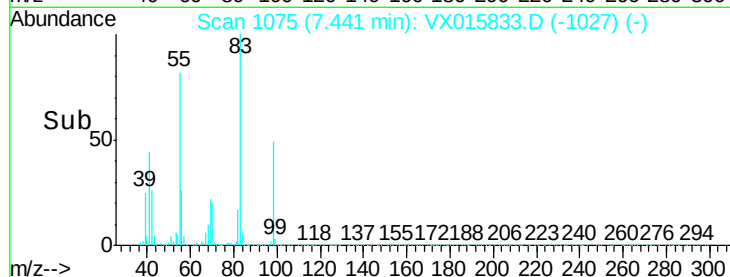
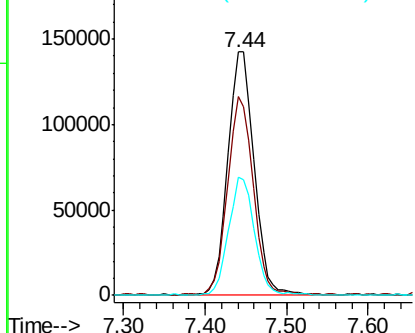
#39
Methylvlcyclohexane
Concen: 18.454 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015833.D
Acq: 22 Apr 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.5	64.2	96.4
98	48.5	39.3	58.9

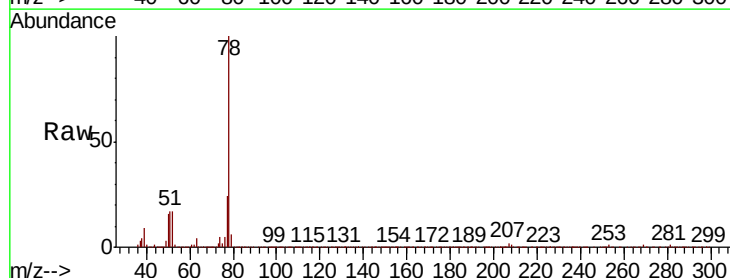


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

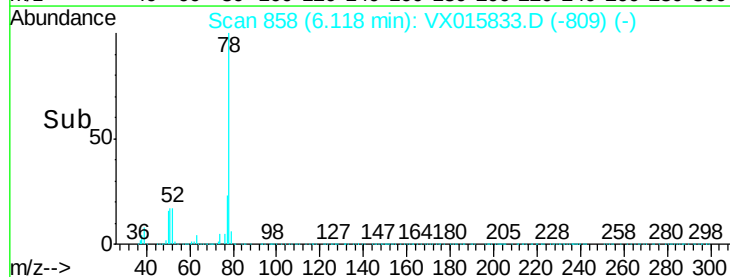
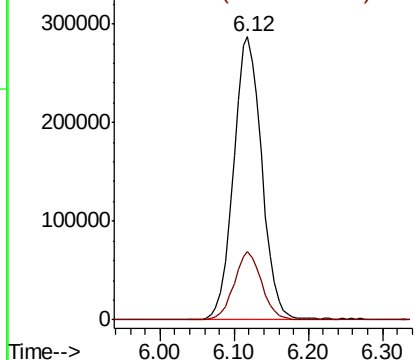


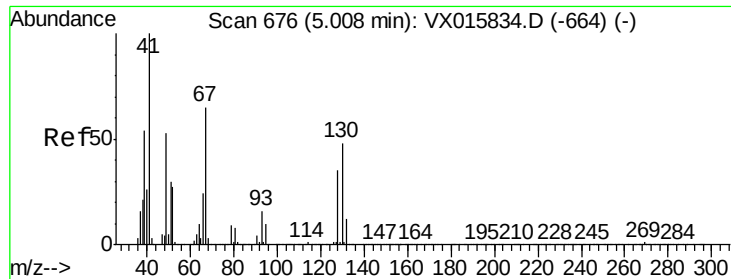
#40
Benzene
Concen: 18.645 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015833.D
Acq: 22 Apr 2020 10:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.6	27.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

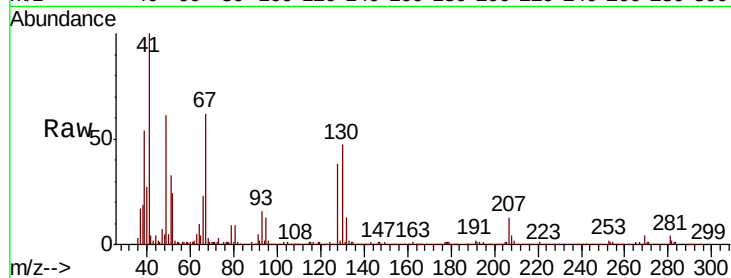




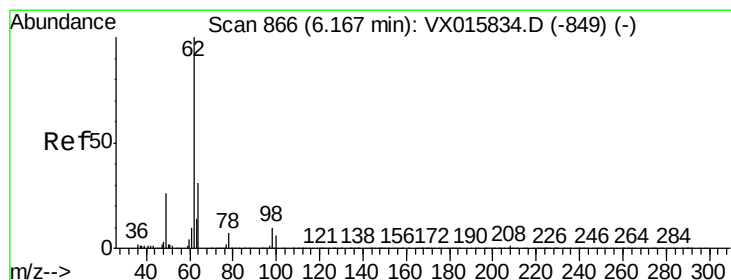
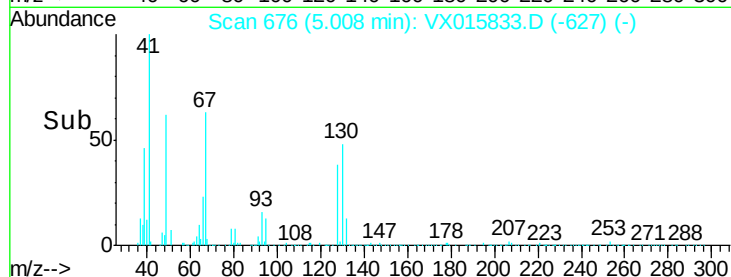
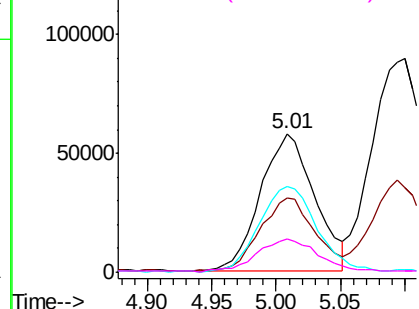
#41
Methacrylonitrile
Concen: 22.398 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015833.D
Acq: 22 Apr 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:	41	Resp:	168737
Ion	Ratio	Lower	Upper
41	100		
39	53.1	42.4	63.6
67	65.6	51.9	77.9
52	27.9	21.0	31.4

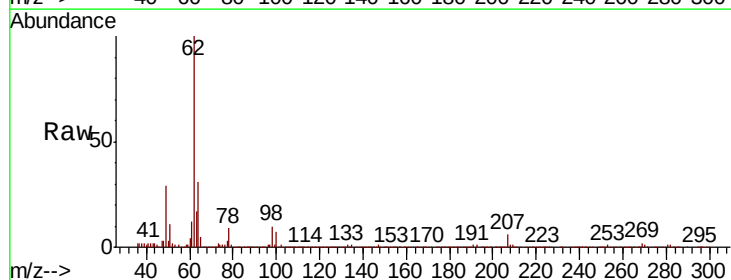


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

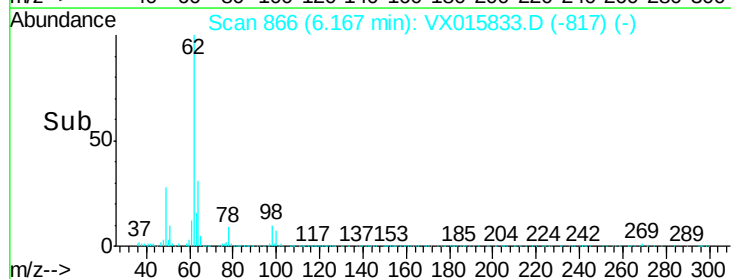
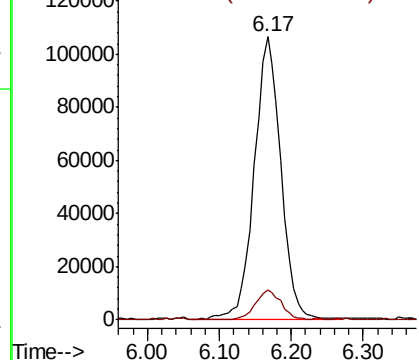


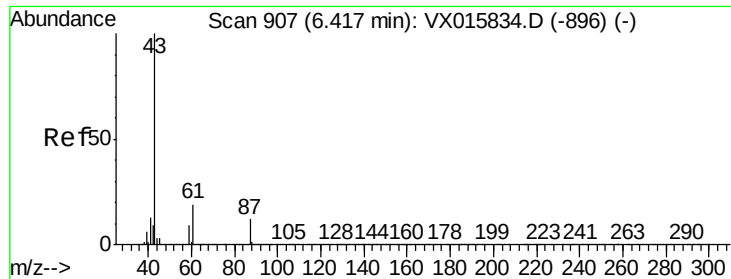
#42
1,2-Dichloroethane
Concen: 18.649 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015833.D
Acq: 22 Apr 2020 10:44

Tgt Ion:	62	Resp:	272364
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.0



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



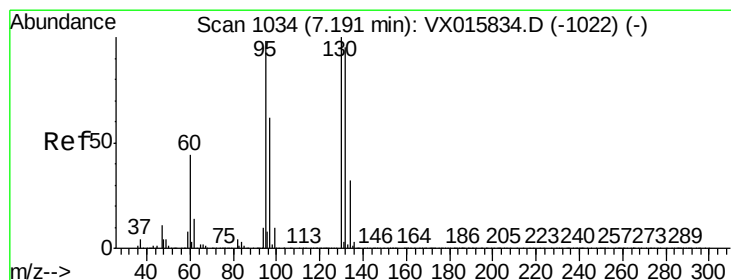
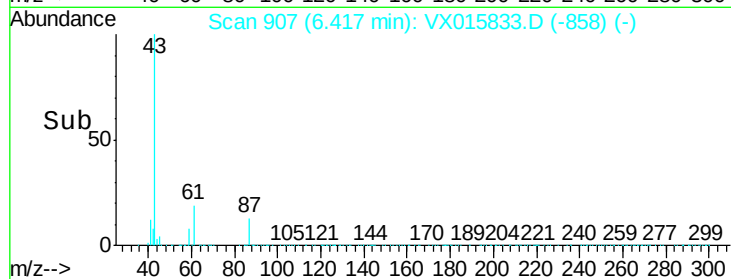
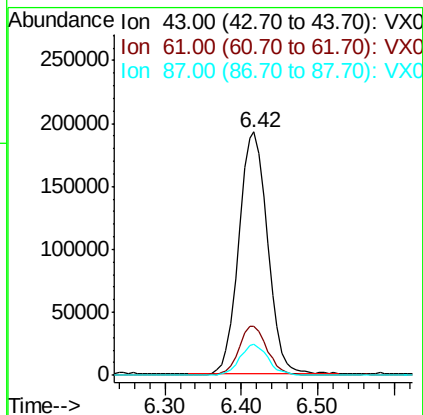
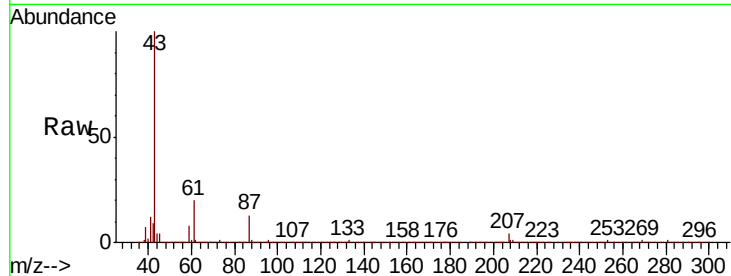


#43

Isopropyl Acetate
 Concen: 18.607 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015833.D
 Acq: 22 Apr 2020 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

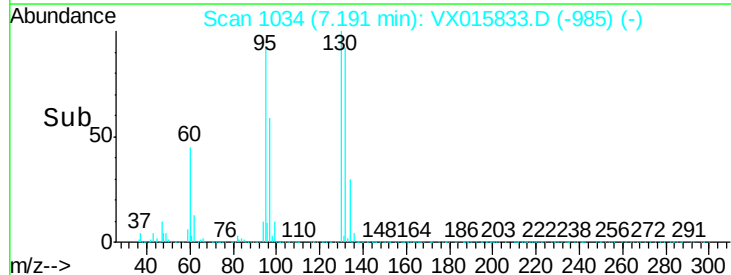
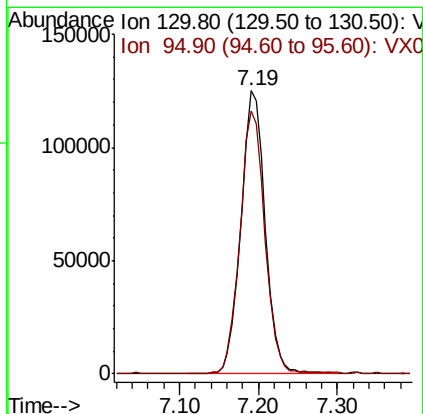
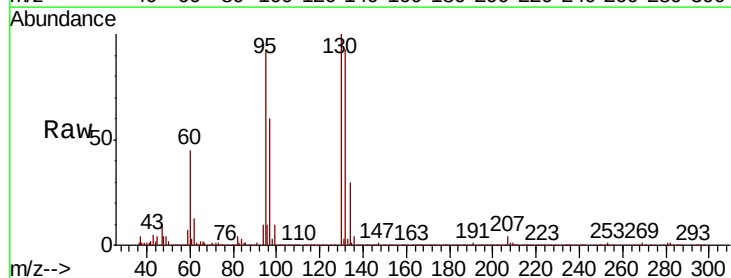
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.4	23.2
87	12.3	9.8	14.6

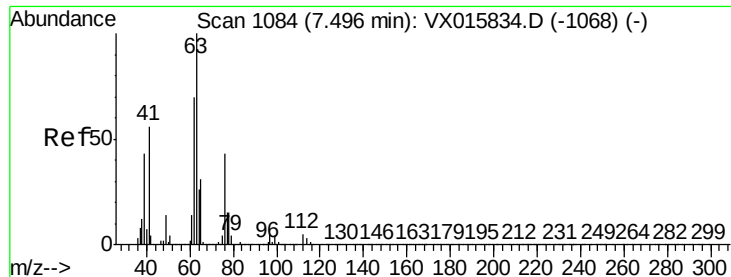


#44

Trichloroethene
 Concen: 18.938 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015833.D
 Acq: 22 Apr 2020 10:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	195.8

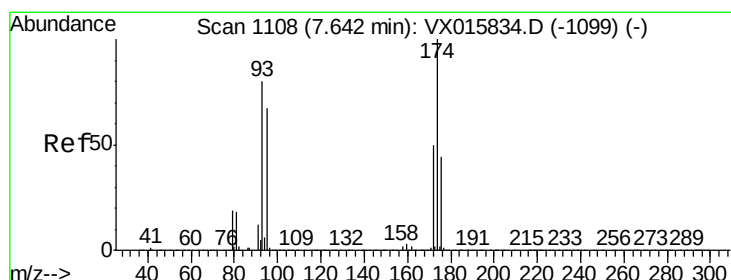
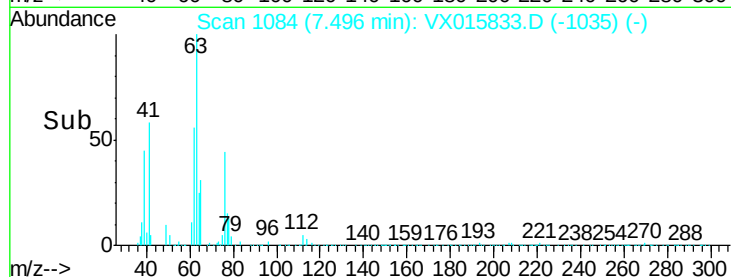
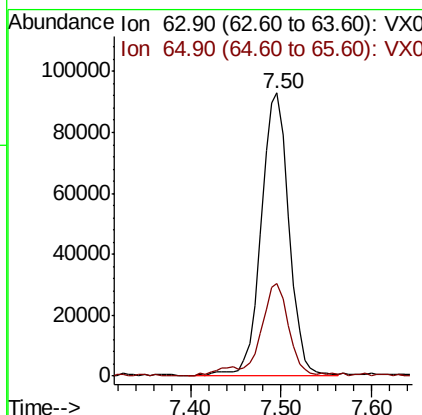
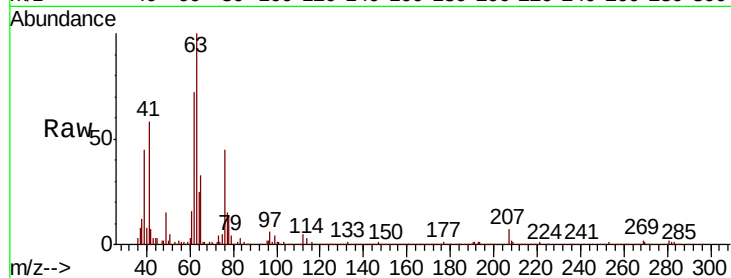




#45
 1,2-Dichloropropane
 Concen: 18.466 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015833.D
 Acq: 22 Apr 2020 10:44

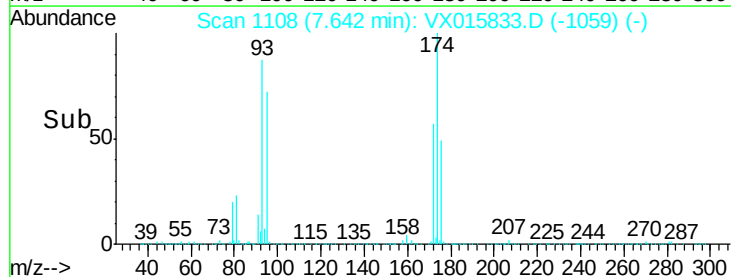
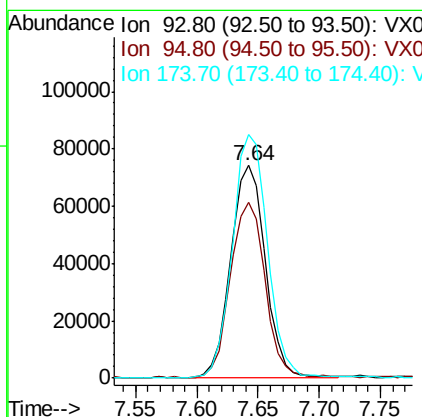
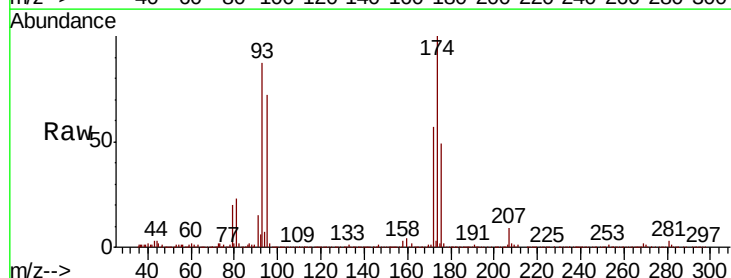
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

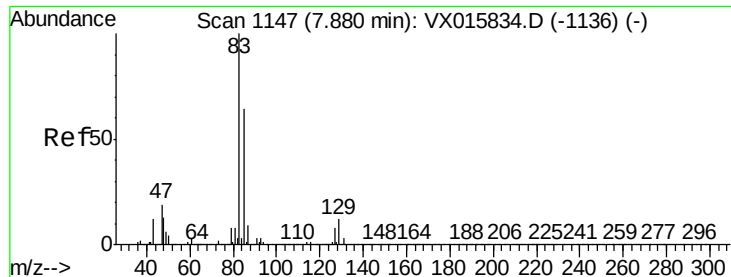
Tot Ion: 63 Resp: 194900
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.5 36.7



#46
 Dibromomethane
 Concen: 18.205 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015833.D
 Acq: 22 Apr 2020 10:44

Tgt Ion: 93 Resp: 144627
 Ion Ratio Lower Upper
 93 100
 95 83.5 65.8 98.8
 174 117.6 95.6 143.4





#47

Bromodichloromethane

Concen: 18.739 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015833.D

Acq: 22 Apr 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

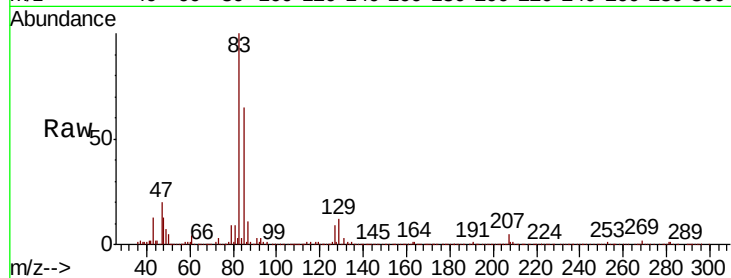
Tot Ion: 83 Resp: 251887

Ion Ratio Lower Upper

83 100

85 64.6 50.8 76.2

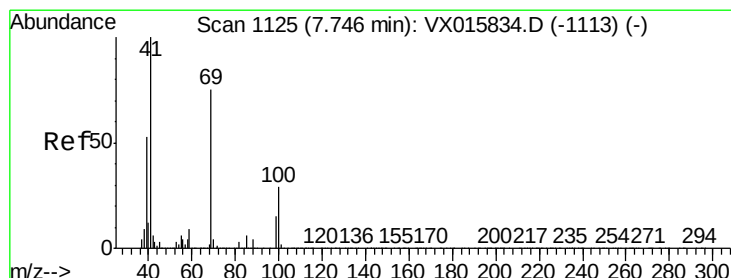
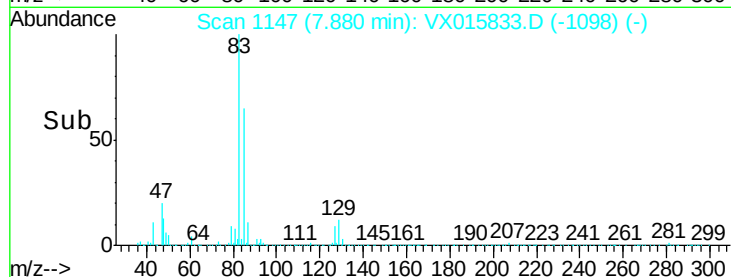
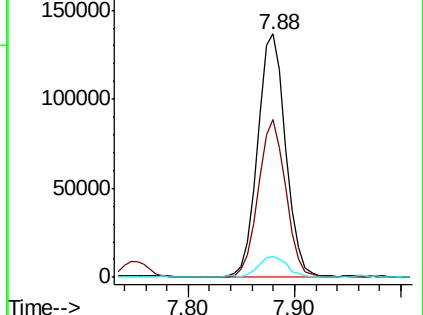
127 8.5 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.905 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.00 min

Lab File: VX015833.D

Acq: 22 Apr 2020 10:44

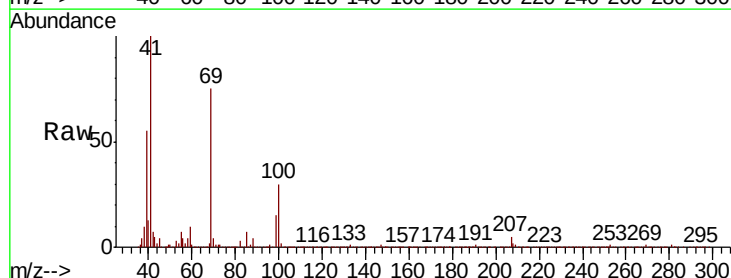
Tgt Ion: 41 Resp: 246505

Ion Ratio Lower Upper

41 100

69 76.5 60.5 90.7

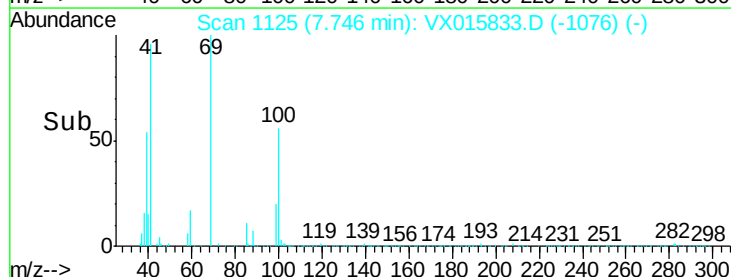
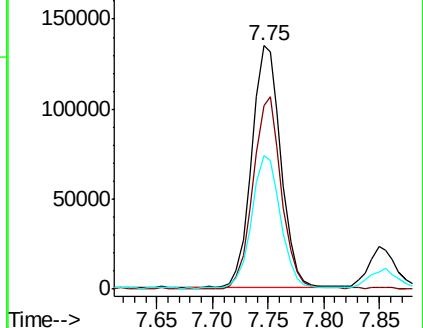
39 55.9 42.1 63.1

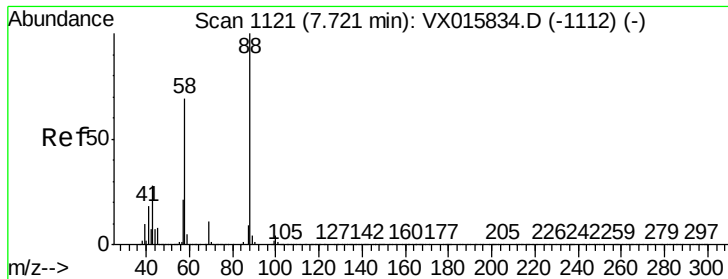


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

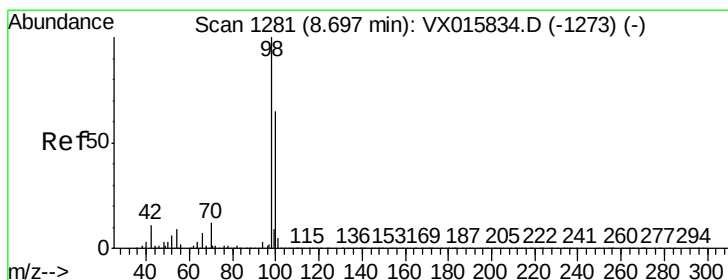
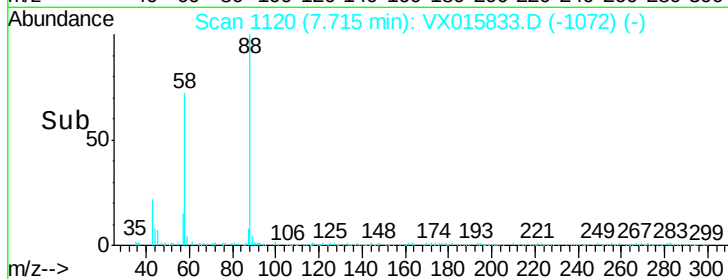
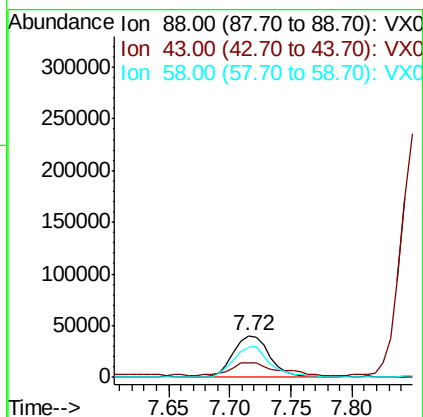
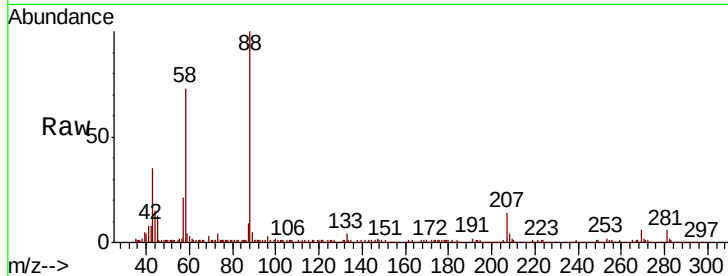




#49
1,4-Dioxane
Concen: 328.590 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VX015833.D
Acq: 22 Apr 2020 10:44

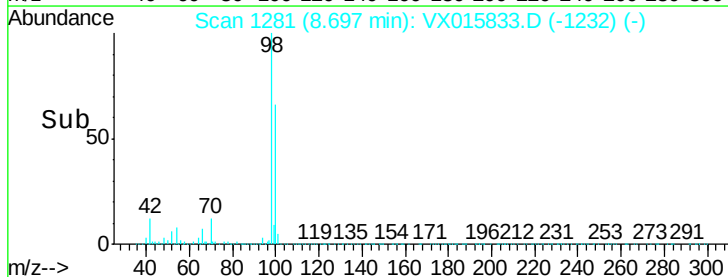
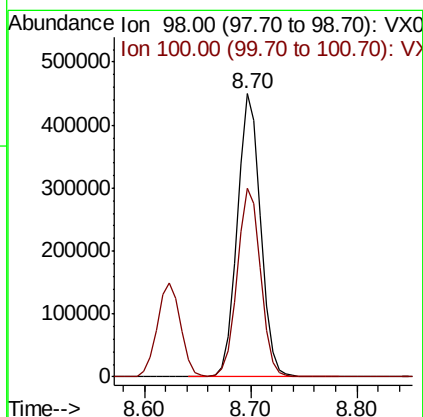
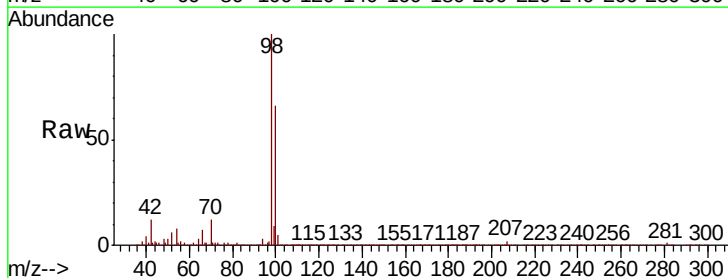
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

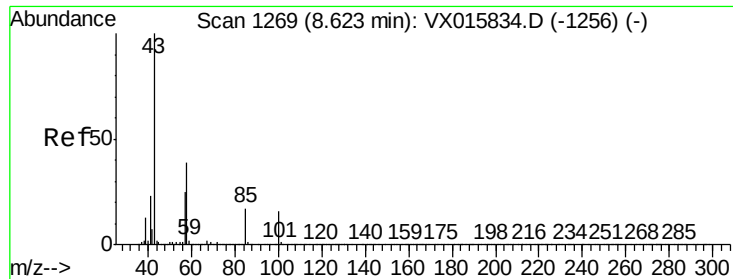
Tot Ion	88	Resp	83193
Ion	Ratio	Lower	Upper
88	100		
43	36.1	28.2	42.4
58	73.3	58.9	88.3



#50
Toluene-d8
Concen: 19.021 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015833.D
Acq: 22 Apr 2020 10:44

Tgt Ion	98	Resp	691727
Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 95.048 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015833.D

Acq: 22 Apr 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

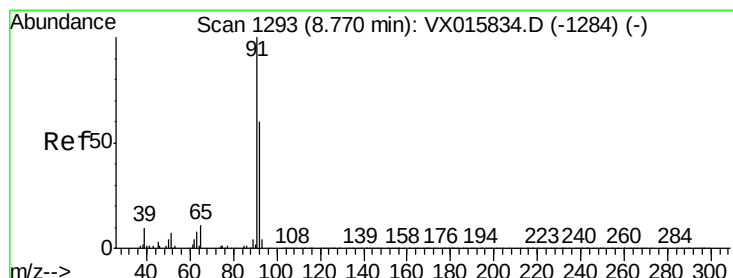
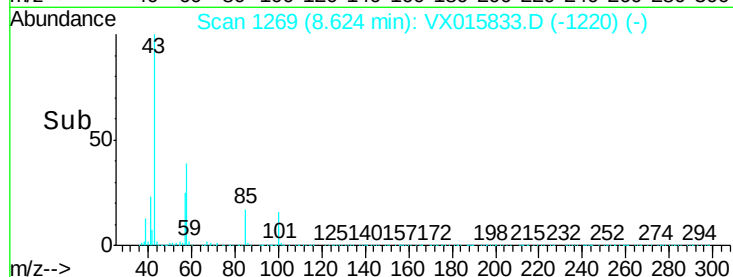
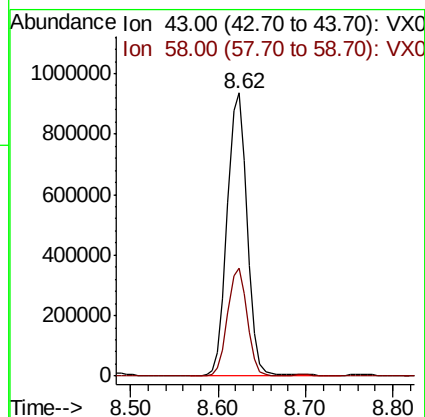
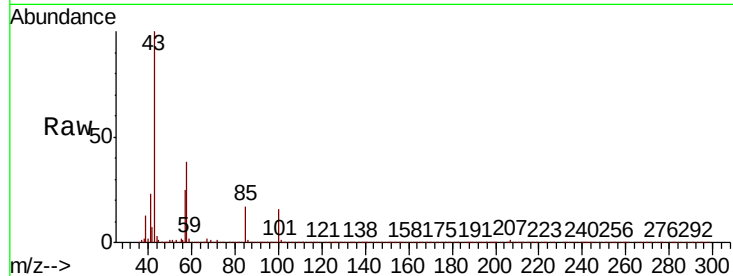
VSTDIC020

Tot Ion: 43 Resp: 1475482

Ion Ratio Lower Upper

43 100

58 37.7 30.6 45.8



#52

Toluene

Concen: 18.686 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015833.D

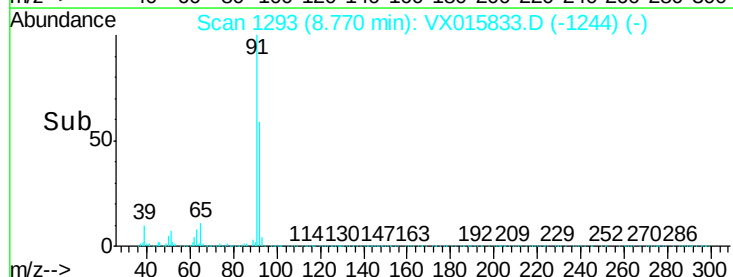
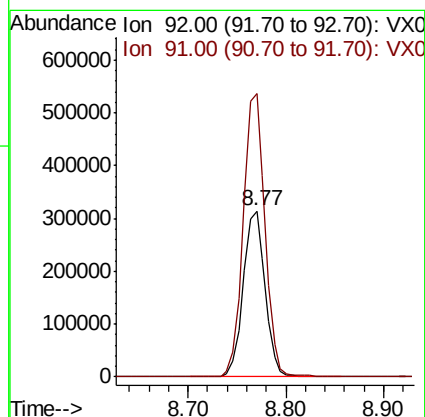
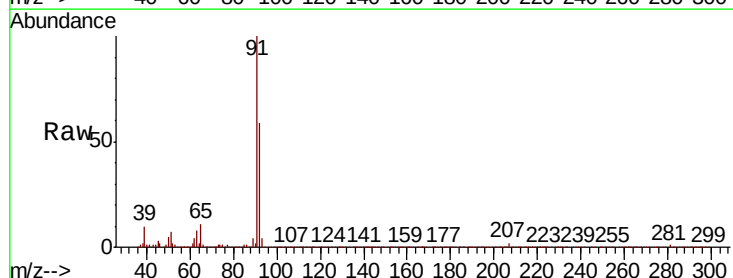
Acq: 22 Apr 2020 10:44

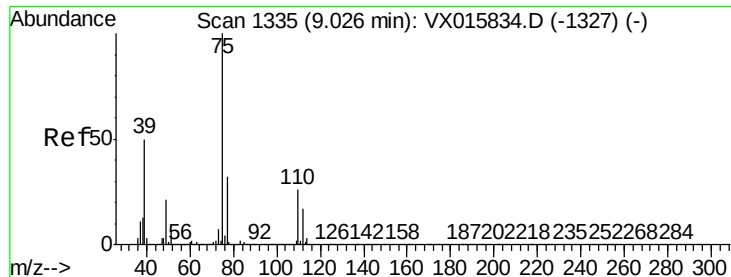
Tgt Ion: 92 Resp: 487184

Ion Ratio Lower Upper

92 100

91 169.4 133.4 200.0

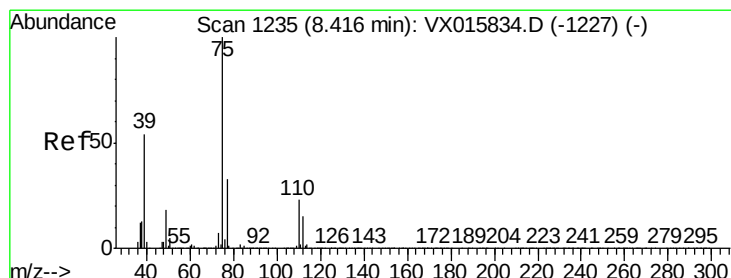
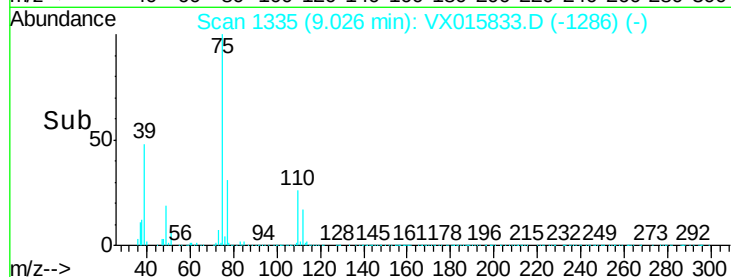
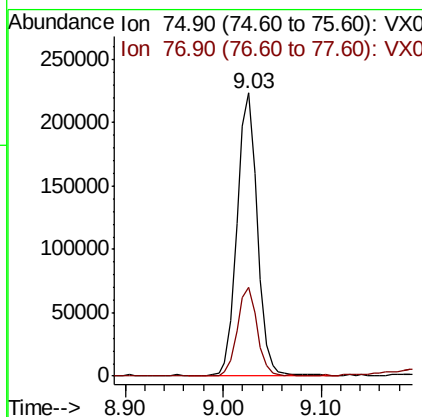
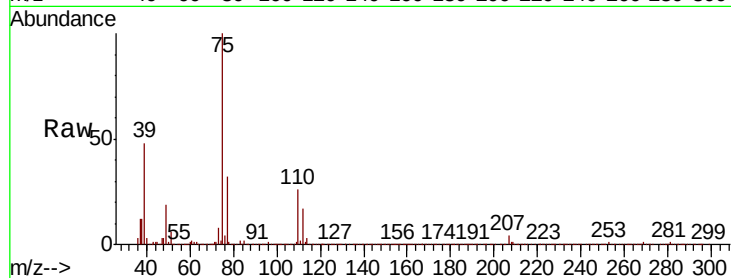




#53
 t-1,3-Dichloropropene
 Concen: 19.097 ug/l
 RT: 9.03 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: VX015833.D
 Acq: 22 Apr 2020 10:44

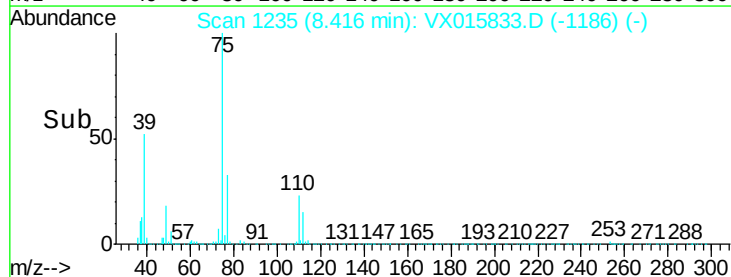
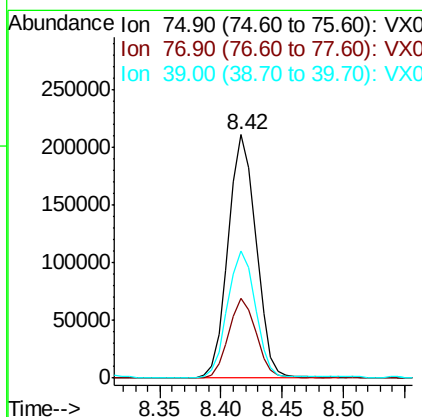
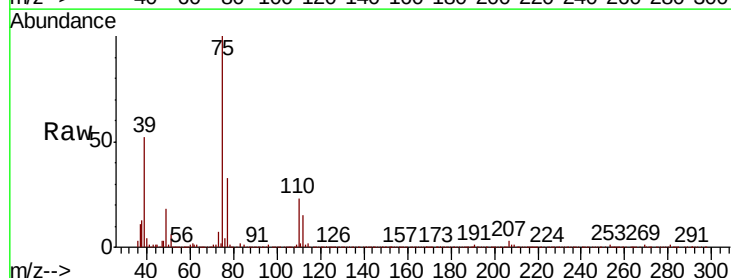
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

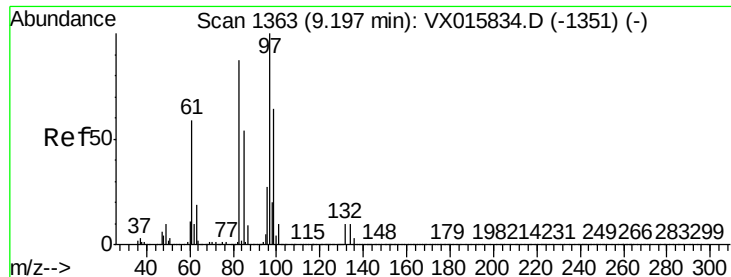
Tot Ion: 75 Resp: 319812
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.9 38.9



#54
 cis-1,3-Dichloropropene
 Concen: 18.629 ug/l
 RT: 8.42 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VX015833.D
 Acq: 22 Apr 2020 10:44

Tgt Ion: 75 Resp: 332526
 Ion Ratio Lower Upper
 75 100
 77 32.7 26.0 39.0
 39 52.2 42.8 64.2





#55

1,1,2-Trichloroethane

Concen: 18.865 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015833.D

Acq: 22 Apr 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 97 Resp: 189578

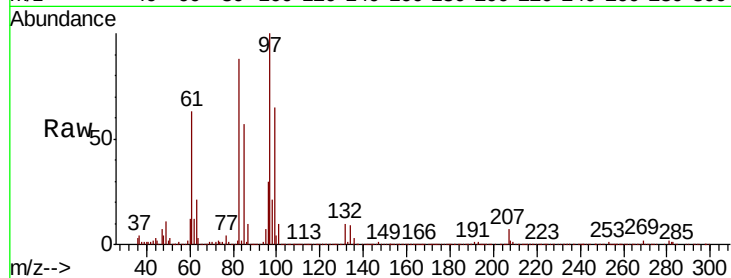
Ion Ratio Lower Upper

97 100

83 87.4 69.8 104.8

85 57.0 43.4 65.2

99 64.5 51.2 76.8



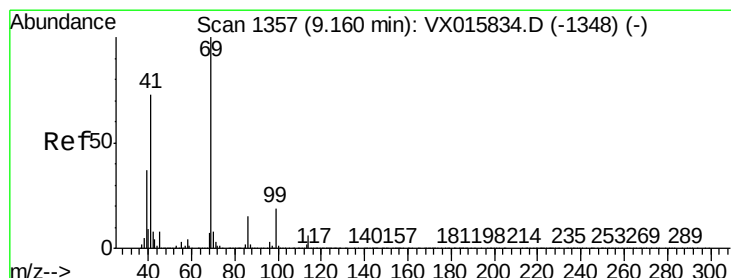
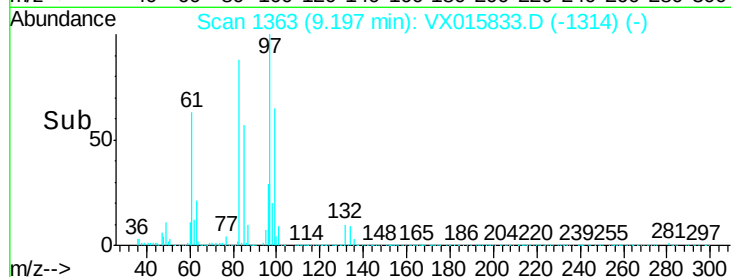
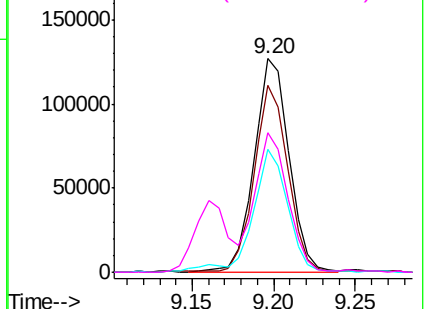
Abundance

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: 18.886 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015833.D

Acq: 22 Apr 2020 10:44

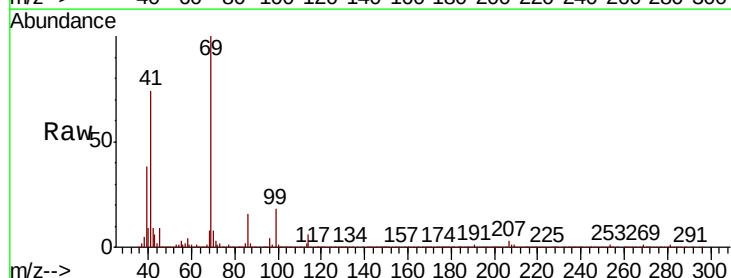
Tgt Ion: 69 Resp: 318135

Ion Ratio Lower Upper

69 100

41 72.5 57.4 86.2

39 37.7 29.7 44.5

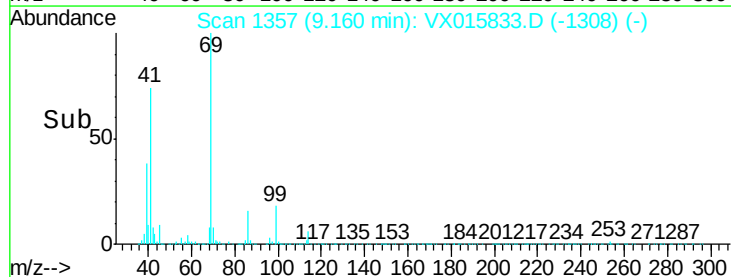
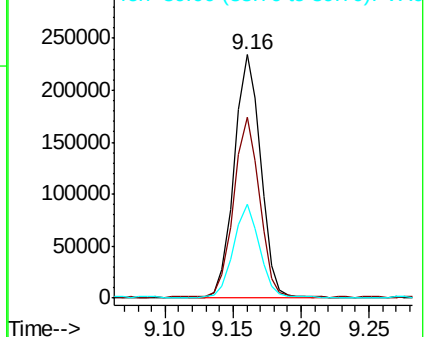


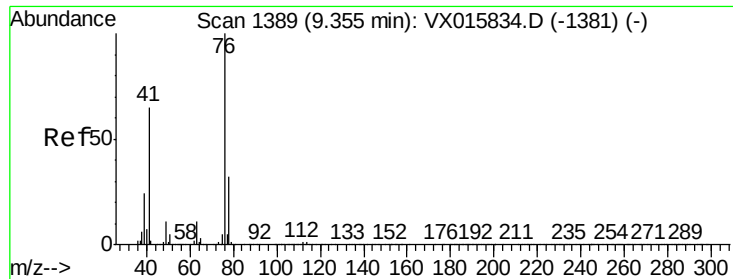
Abundance

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: 18.776 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015833.D

Acq: 22 Apr 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

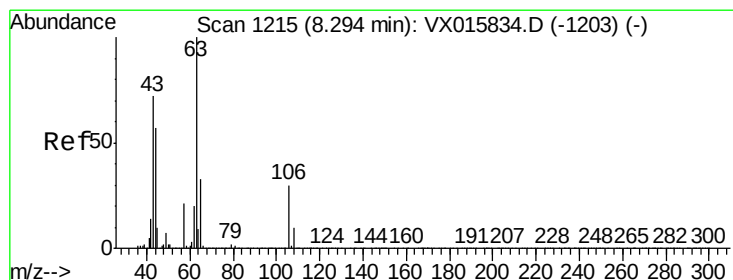
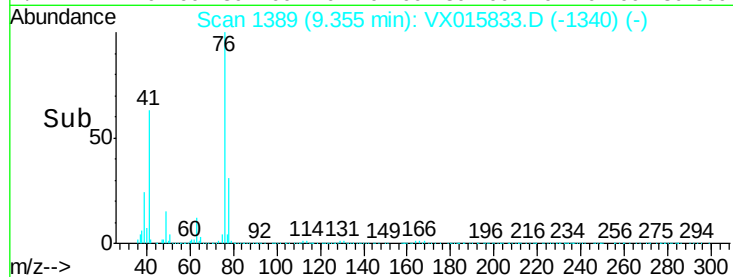
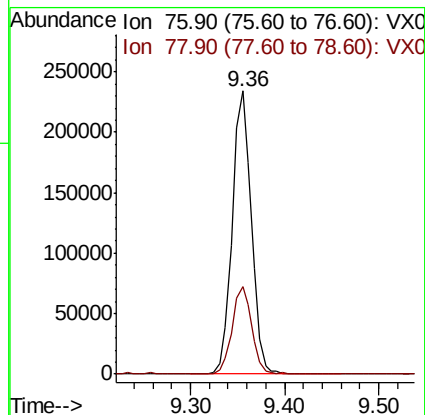
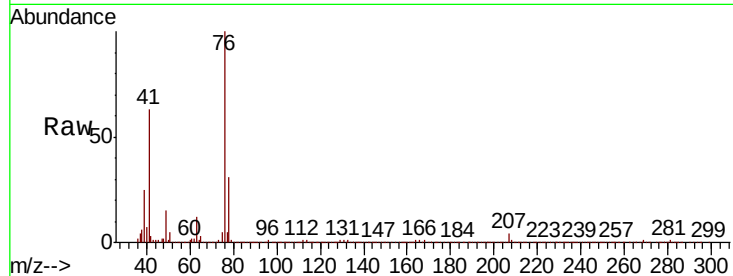
VSTDIC020

Tot Ion: 76 Resp: 328527

Ion Ratio Lower Upper

76 100

78 32.8 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 93.883 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015833.D

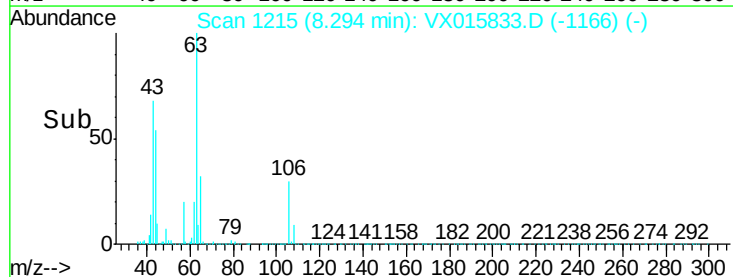
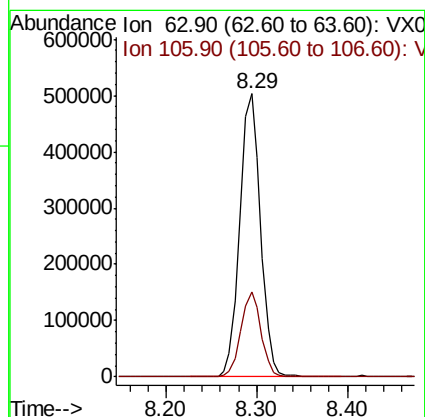
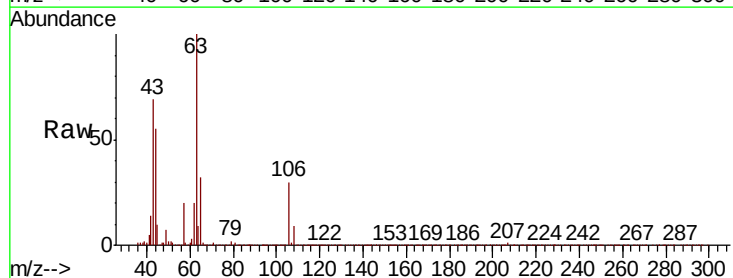
Acq: 22 Apr 2020 10:44

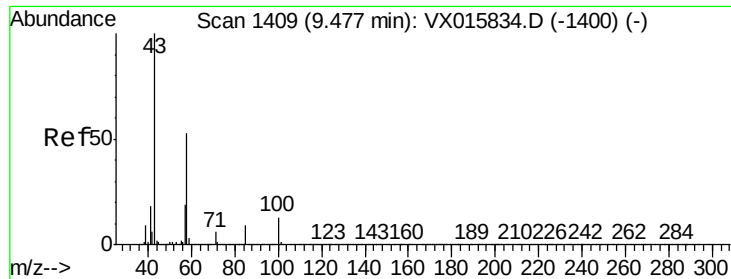
Tgt Ion: 63 Resp: 798243

Ion Ratio Lower Upper

63 100

106 29.0 23.8 35.8

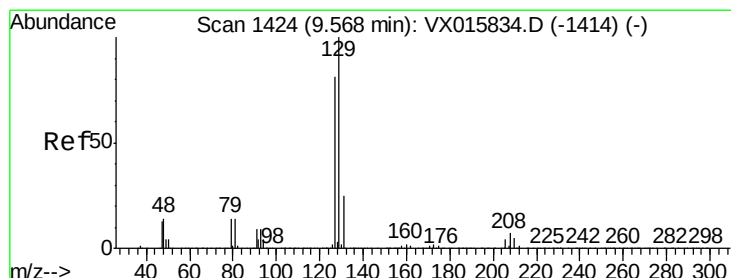
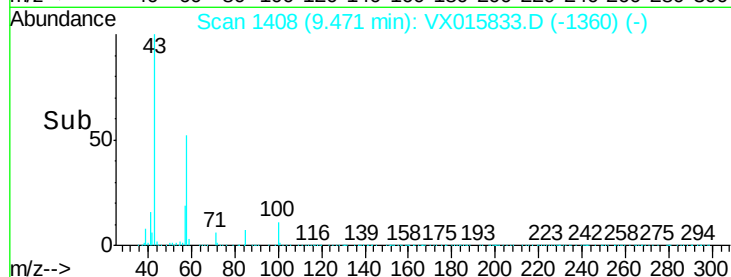
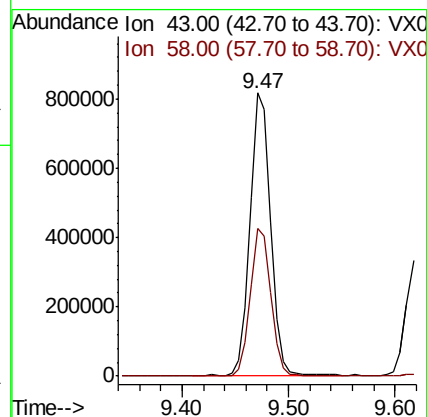
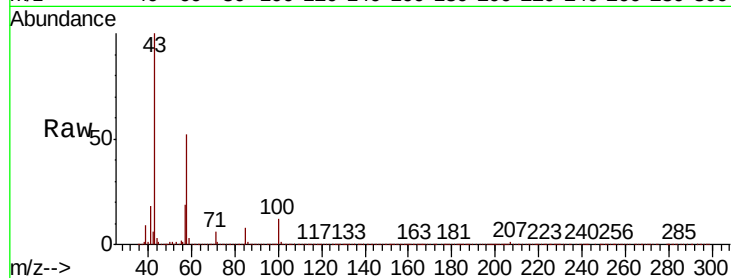




#59
2-Hexanone
Concen: 94.742 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015833.D
Acq: 22 Apr 2020 10:44

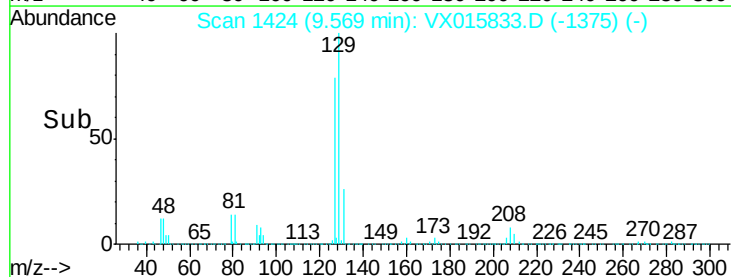
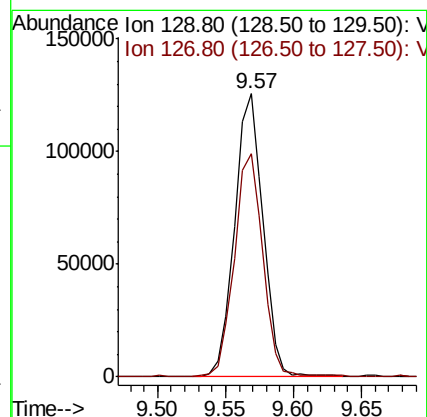
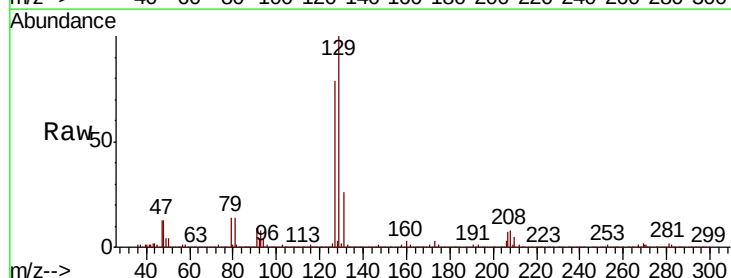
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

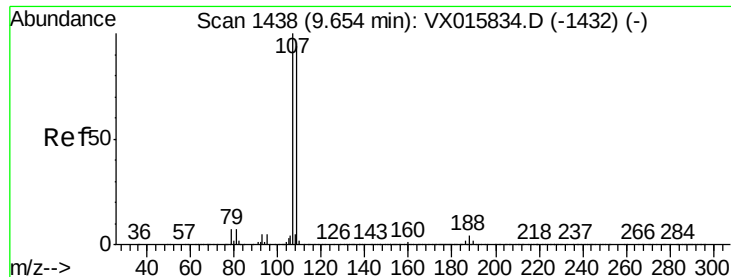
Tot Ion: 43 Resp: 1109316
Ion Ratio Lower Upper
43 100
58 52.4 26.5 79.4



#60
Dibromochloromethane
Concen: 18.399 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015833.D
Acq: 22 Apr 2020 10:44

Tgt Ion: 129 Resp: 180860
Ion Ratio Lower Upper
129 100
127 79.0 40.0 120.0





#61

1,2-Dibromoethane

Concen: 18.204 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015833.D

Acq: 22 Apr 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

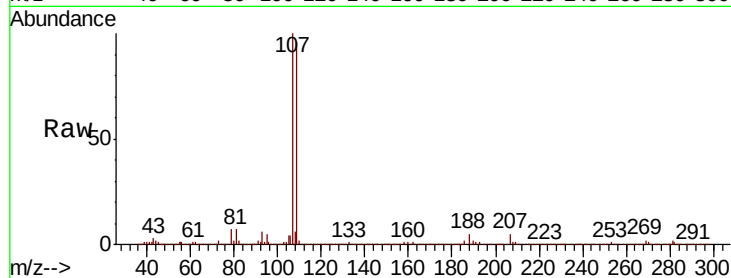
VSTDIC020

Tot Ion:107 Resp: 204246

Ion Ratio Lower Upper

107 100

109 91.7 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

150000

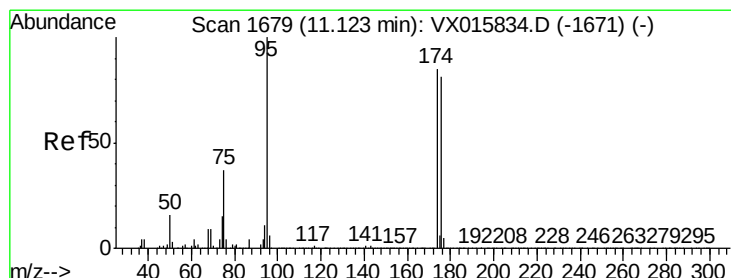
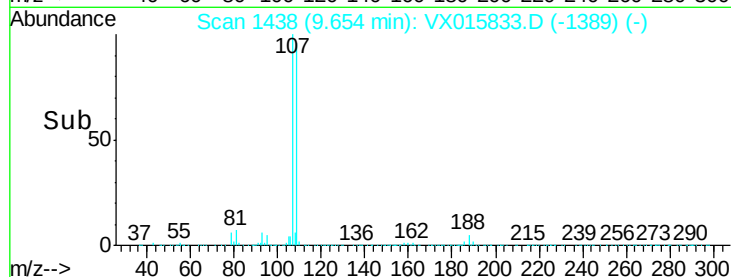
100000

50000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 17.032 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015833.D

Acq: 22 Apr 2020 10:44

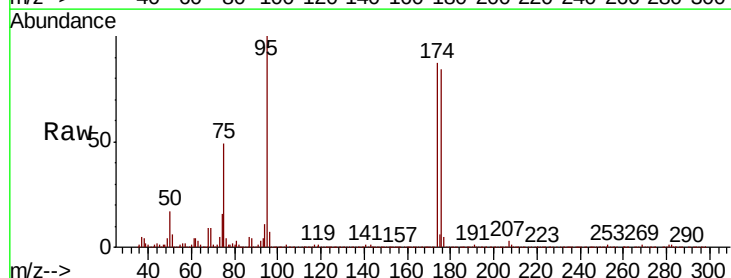
Tgt Ion: 95 Resp: 271174

Ion Ratio Lower Upper

95 100

174 87.6 0.0 172.4

176 82.6 0.0 167.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

250000

200000

150000

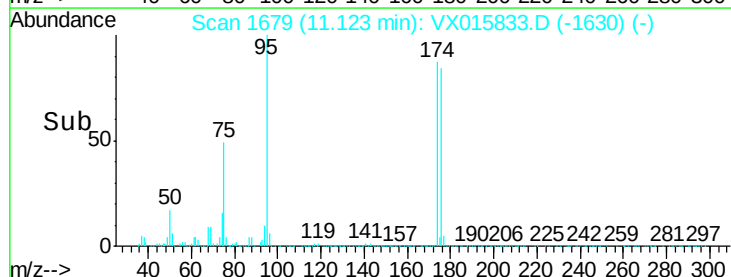
100000

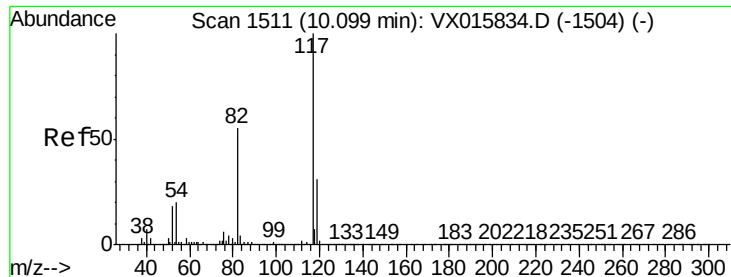
50000

0

11.00 11.10 11.20

Time-->

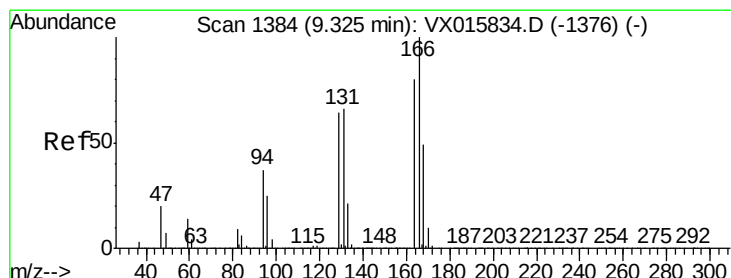
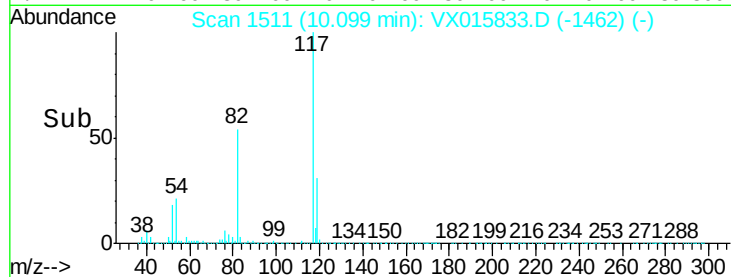
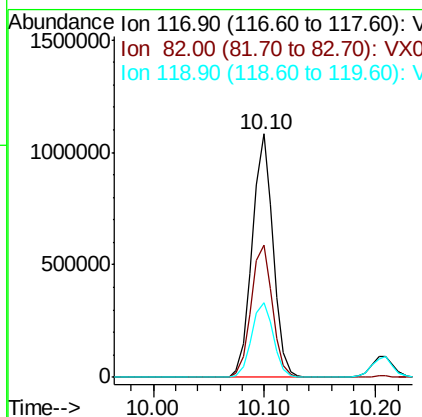
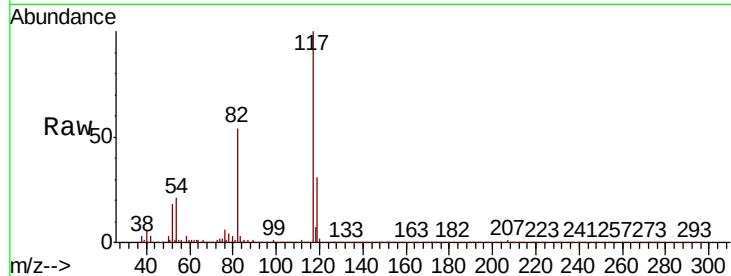




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015833.D
Acq: 22 Apr 2020 10:44

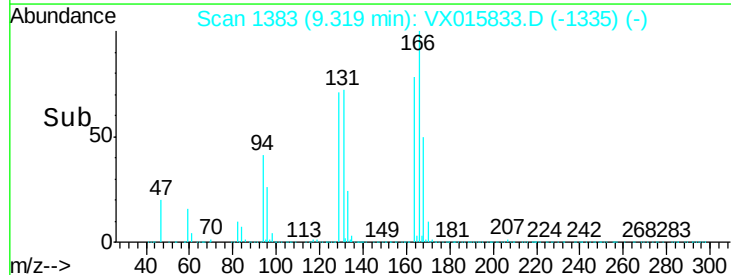
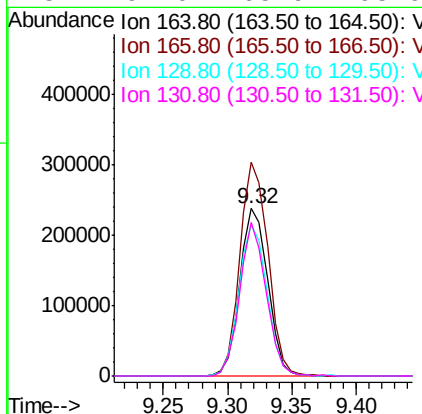
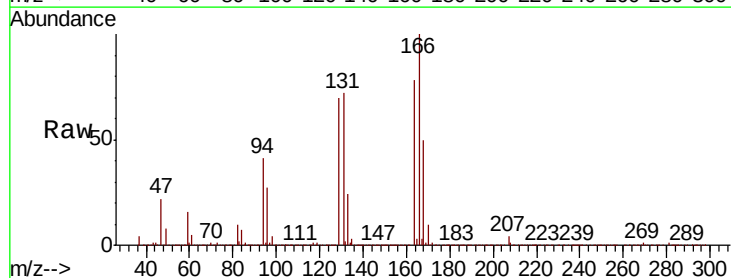
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

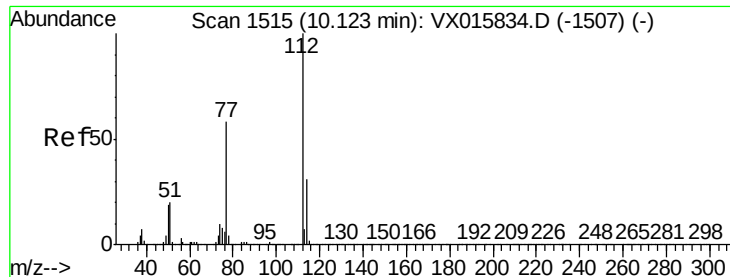
Tot Ion:117 Resp: 1410736
Ion Ratio Lower Upper
117 100
82 54.1 43.9 65.9
119 30.5 25.1 37.7



#64
Tetrachloroethene
Concen: 18.068 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.01 min
Lab File: VX015833.D
Acq: 22 Apr 2020 10:44

Tgt Ion:164 Resp: 357162
Ion Ratio Lower Upper
164 100
166 127.5 100.2 150.2
129 89.9 64.5 96.7
131 92.0 65.9 98.9

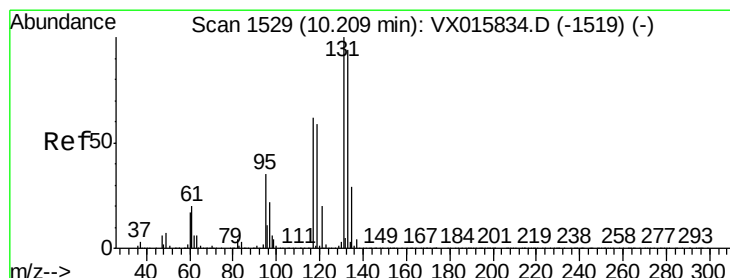
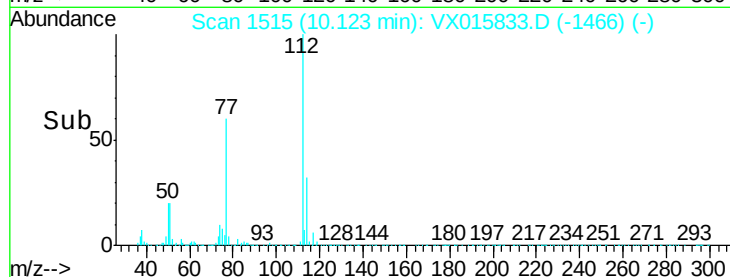
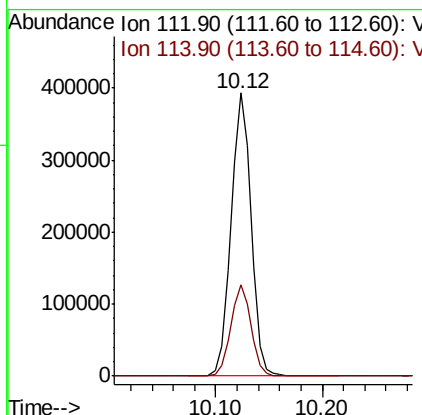
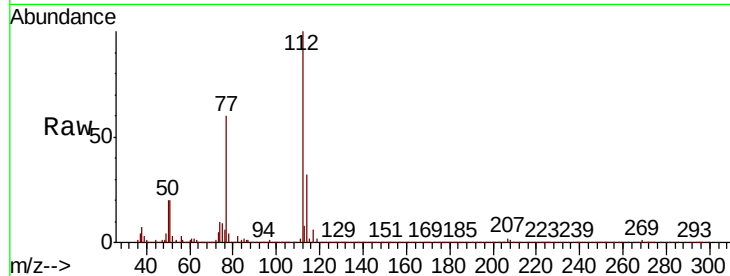




#65
Chlorobenzene
Concen: 18.239 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015833.D
Acq: 22 Apr 2020 10:44

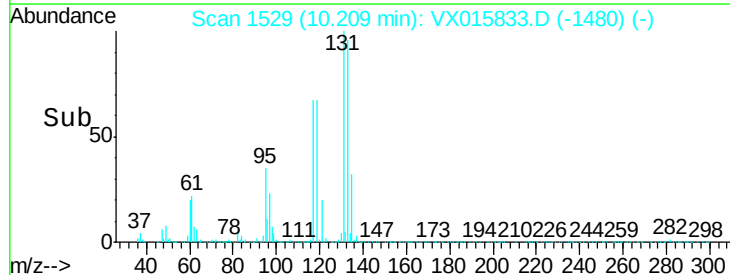
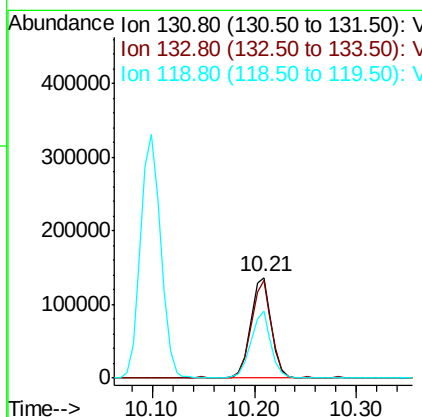
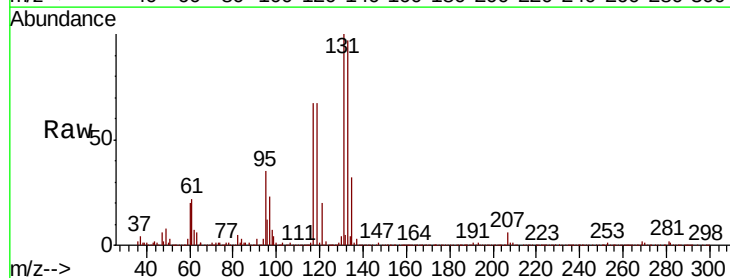
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

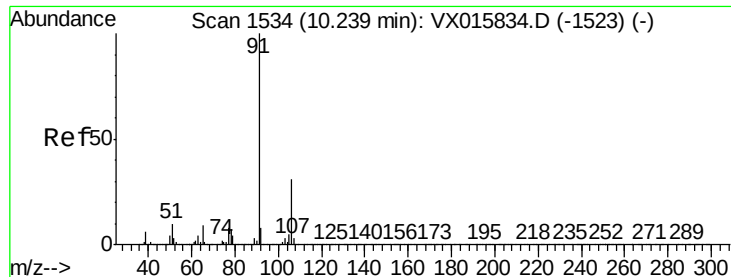
Tot Ion:112 Resp: 519608
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.451 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015833.D
Acq: 22 Apr 2020 10:44

Tgt Ion:131 Resp: 192811
Ion Ratio Lower Upper
131 100
133 93.1 47.0 141.2
119 63.3 30.9 92.8

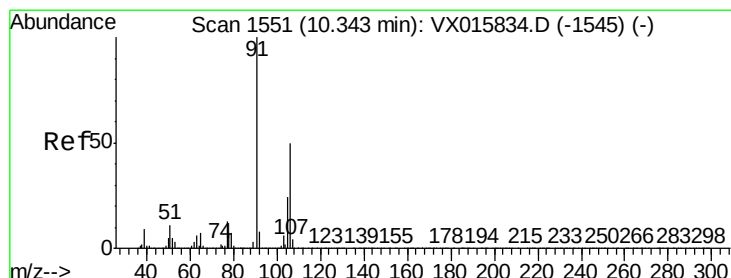
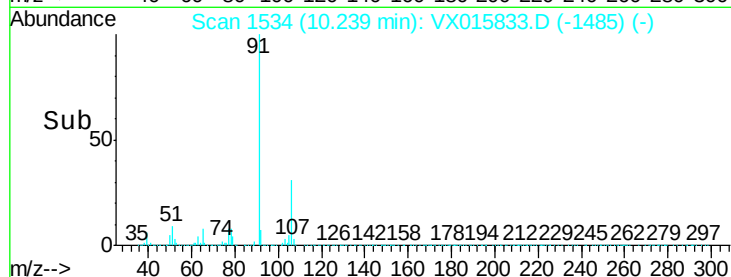
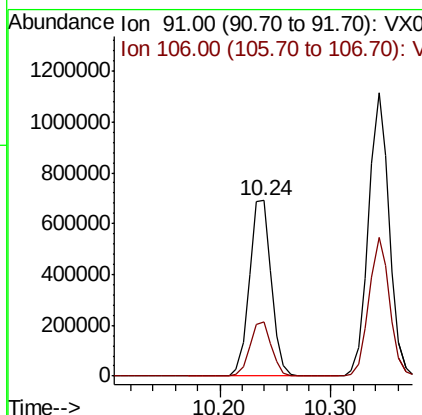
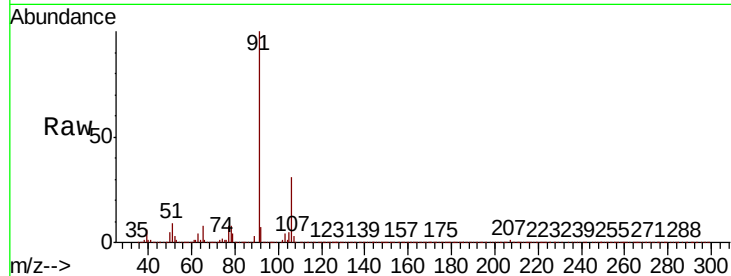




#67
Ethyl Benzene
Concen: 18.675 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015833.D
Acq: 22 Apr 2020 10:44

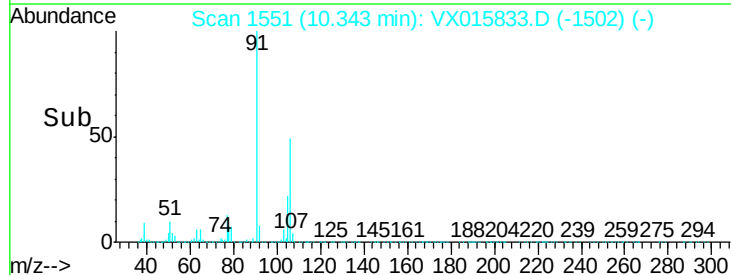
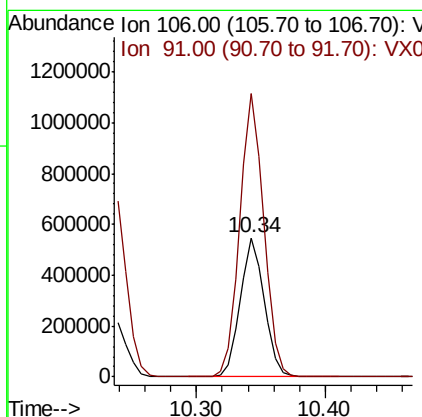
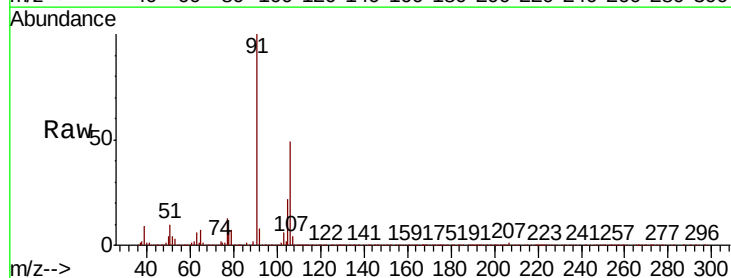
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

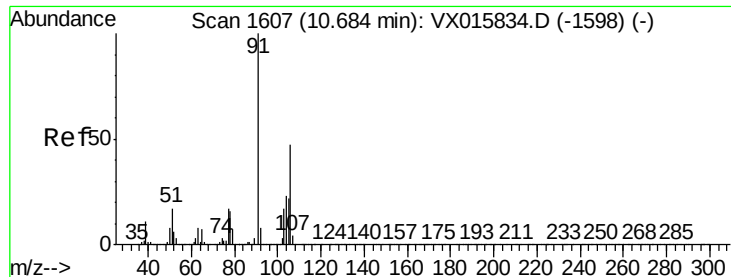
Tot Ion: 91 Resp: 940999
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.4



#68
m/p-Xylenes
Concen: 37.570 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015833.D
Acq: 22 Apr 2020 10:44

Tgt Ion: 106 Resp: 707556
Ion Ratio Lower Upper
106 100
91 203.3 161.1 241.7

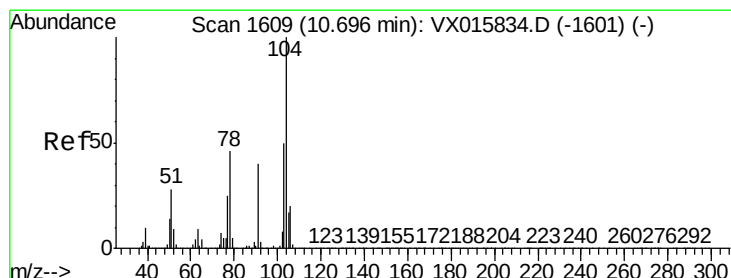
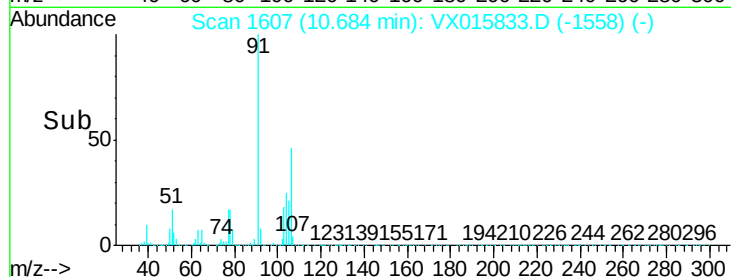
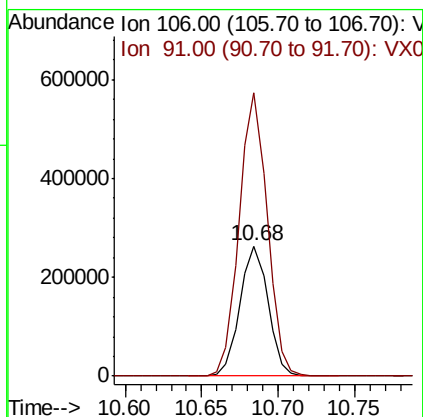
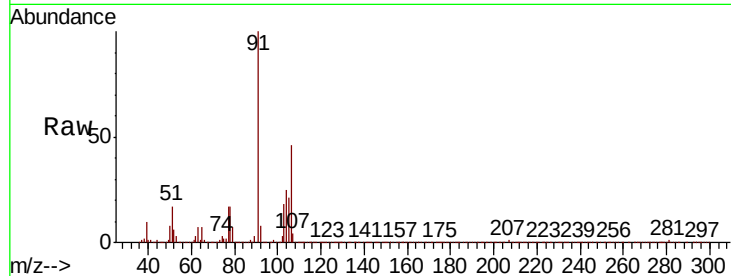




#69
o-Xylene
Concen: 18.251 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015833.D
Acq: 22 Apr 2020 10:44

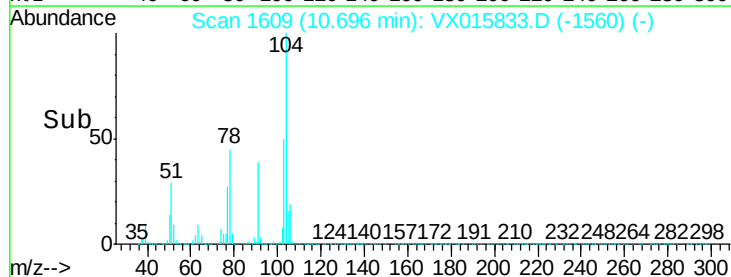
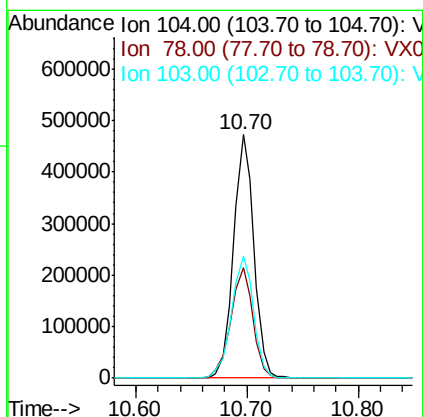
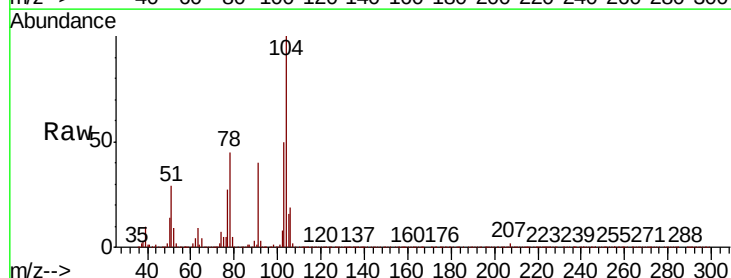
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

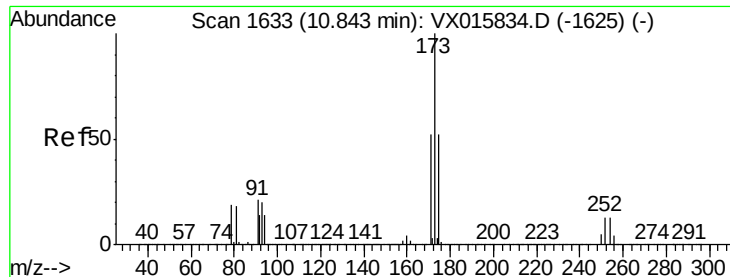
Tot Ion:106 Resp: 337399
Ion Ratio Lower Upper
106 100
91 216.5 107.1 321.3



#70
Styrene
Concen: 18.792 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015833.D
Acq: 22 Apr 2020 10:44

Tgt Ion:104 Resp: 597191
Ion Ratio Lower Upper
104 100
78 49.1 40.1 60.1
103 54.5 43.3 64.9





#71

Bromoform

Concen: 18.861 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015833.D

Acq: 22 Apr 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

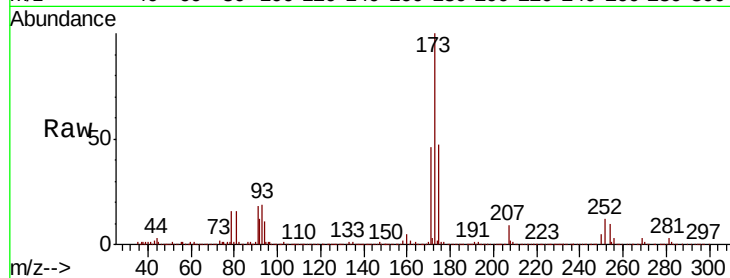
Tot Ion:173 Resp: 113442

Ion Ratio Lower Upper

173 100

175 46.7 25.1 75.4

254 0.2 0.3 0.5#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

120000

100000

80000

60000

40000

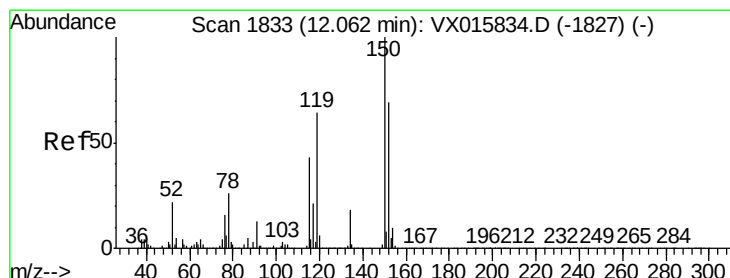
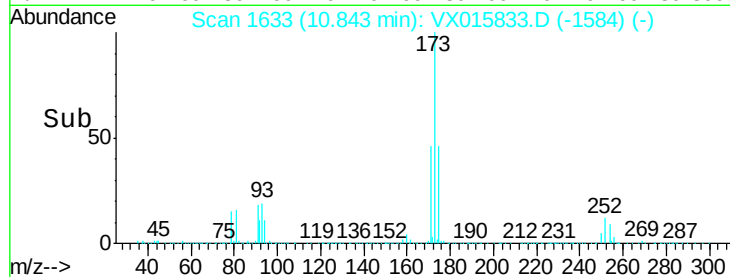
20000

0

10.80

10.90

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015833.D

Acq: 22 Apr 2020 10:44

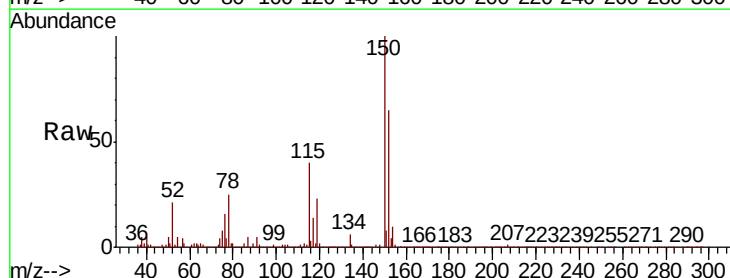
Tgt Ion:152 Resp: 753697

Ion Ratio Lower Upper

152 100

115 64.5 39.0 116.9

150 163.3 0.0 336.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

1200000

1000000

800000

600000

400000

200000

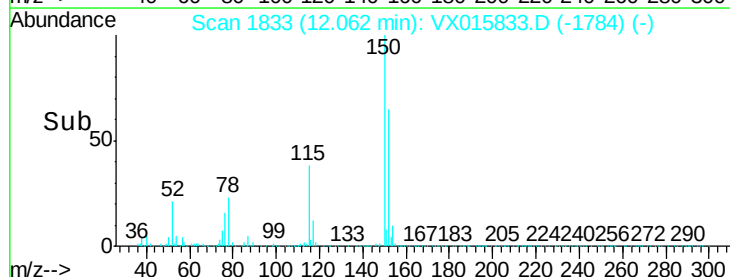
0

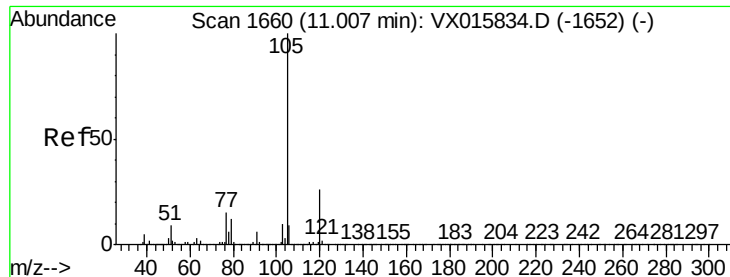
12.00

12.05

12.10

Time-->





#73

Isopropylbenzene

Concen: 19.149 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015833.D

Acq: 22 Apr 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

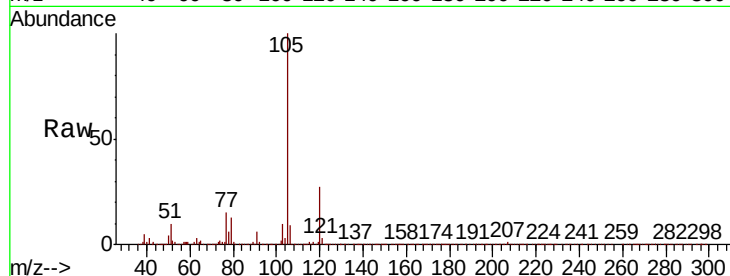
VSTDIC020

Tot Ion:105 Resp: 922584

Ion Ratio Lower Upper

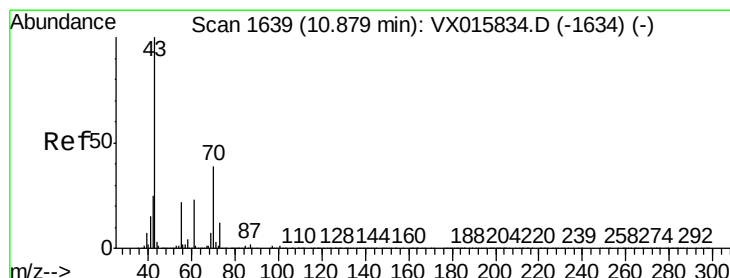
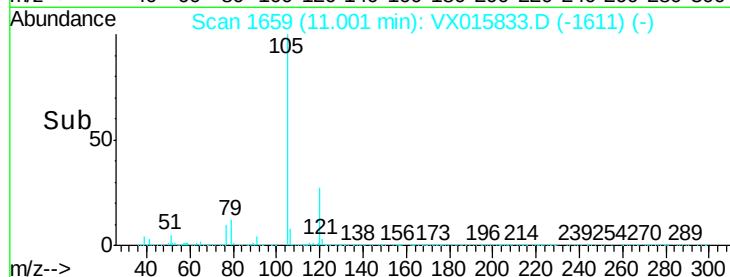
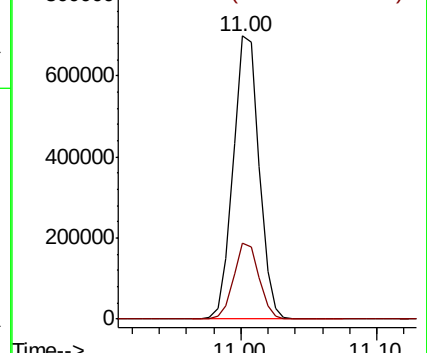
105 100

120 26.3 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: 18.546 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. 0.00 min

Lab File: VX015833.D

Acq: 22 Apr 2020 10:44

Tgt Ion: 43 Resp: 455364

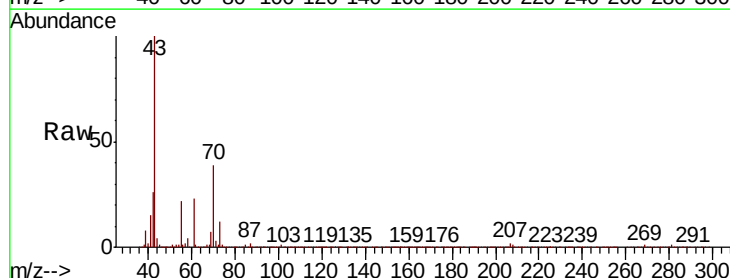
Ion Ratio Lower Upper

43 100

70 40.8 32.6 49.0

55 22.7 18.3 27.5

61 23.1 18.7 28.1

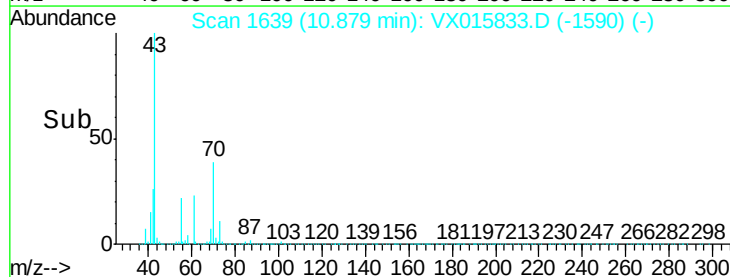
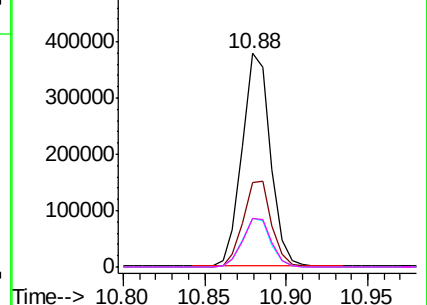


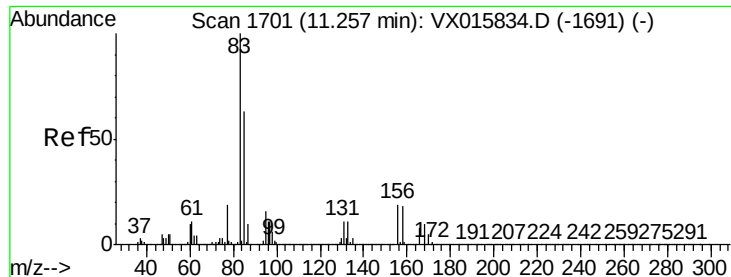
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.099 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VX015833.D

Acq: 22 Apr 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

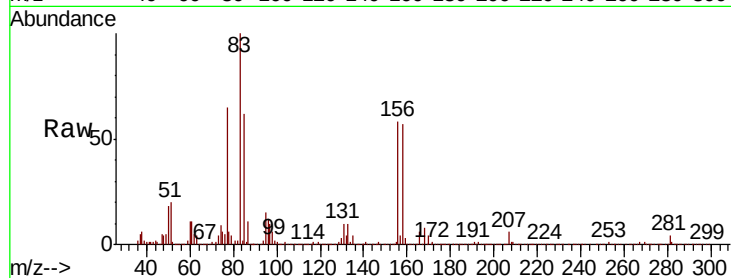
Tot Ion: 83 Resp: 189619

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.4

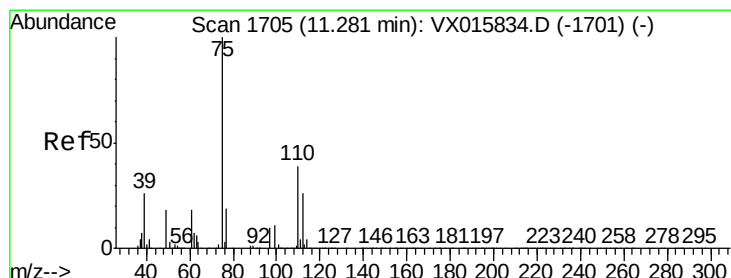
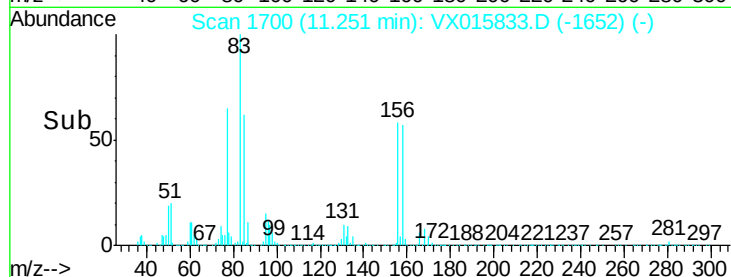
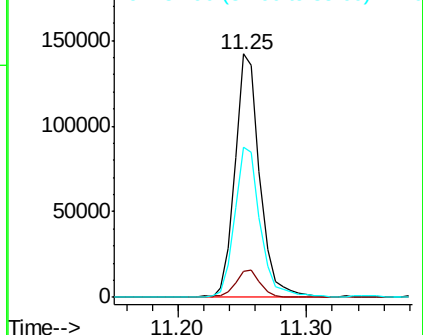
85 63.3 32.4 97.0



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: 20.605 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015833.D

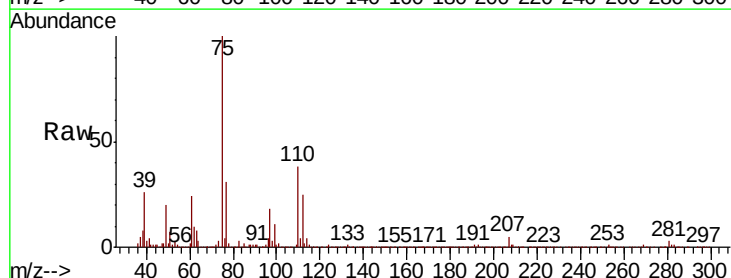
Acq: 22 Apr 2020 10:44

Tgt Ion: 75 Resp: 358346

Ion Ratio Lower Upper

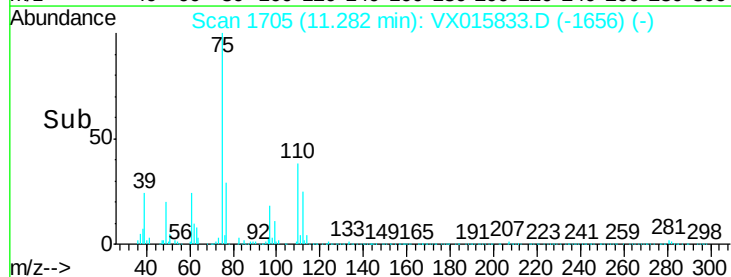
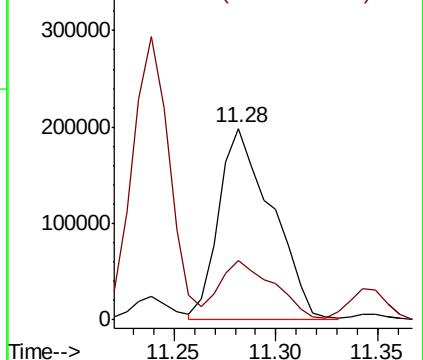
75 100

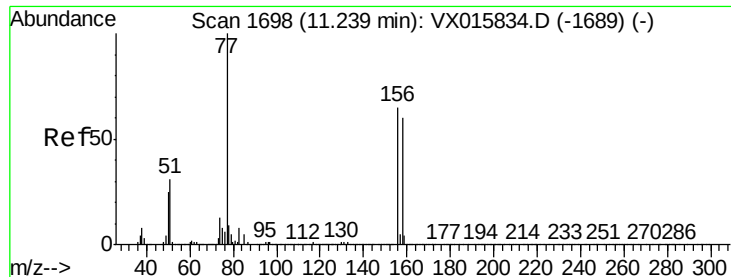
77 31.3 21.3 63.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.596 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015833.D

Acq: 22 Apr 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

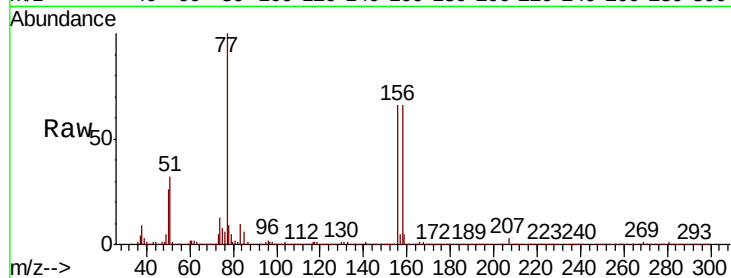
Tot Ion:156 Resp: 242826

Ion Ratio Lower Upper

156 100

77 153.1 75.2 225.6

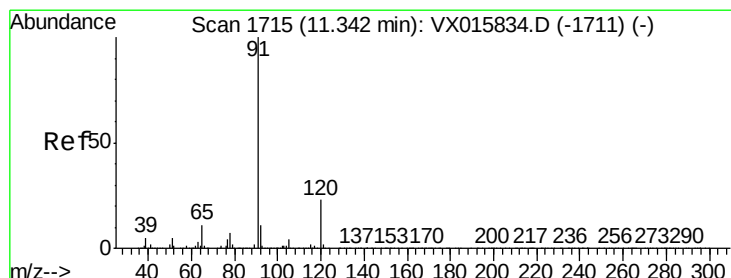
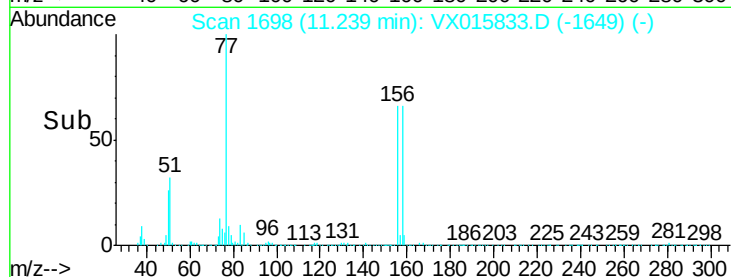
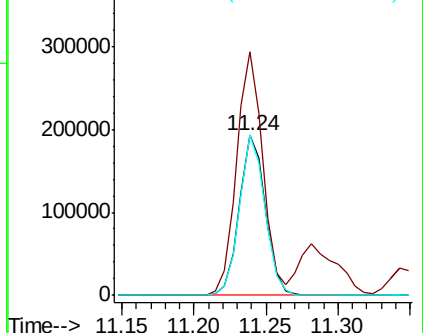
158 97.9 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.912 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015833.D

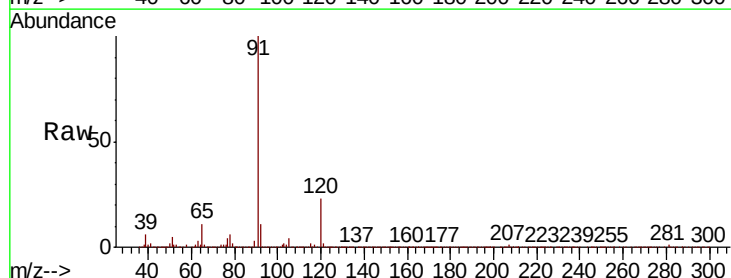
Acq: 22 Apr 2020 10:44

Tgt Ion: 91 Resp: 1044934

Ion Ratio Lower Upper

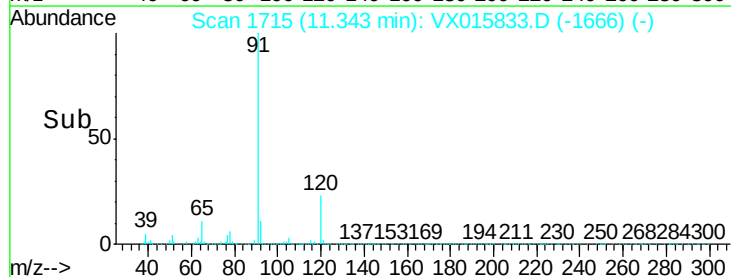
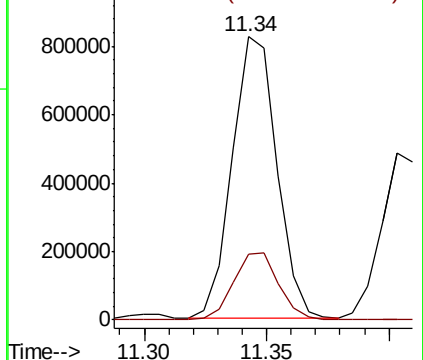
91 100

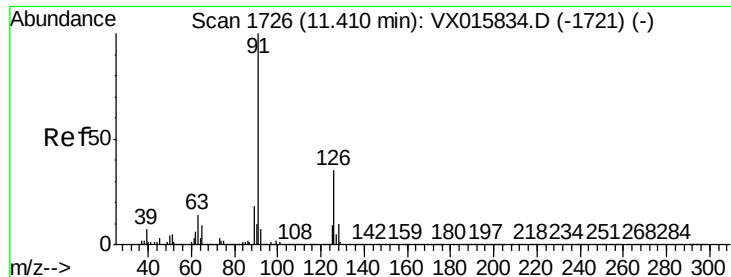
120 24.1 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

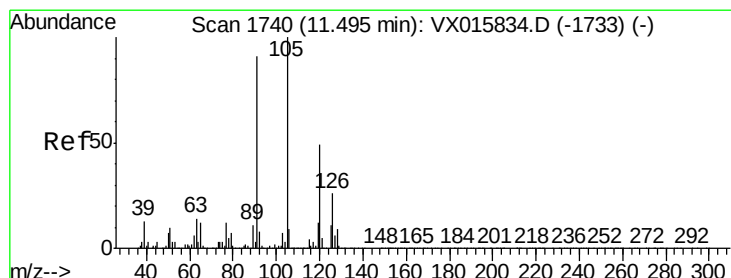
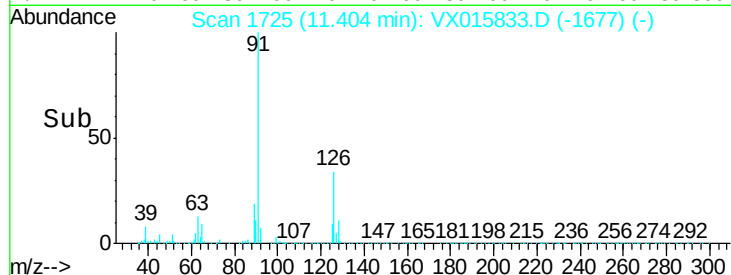
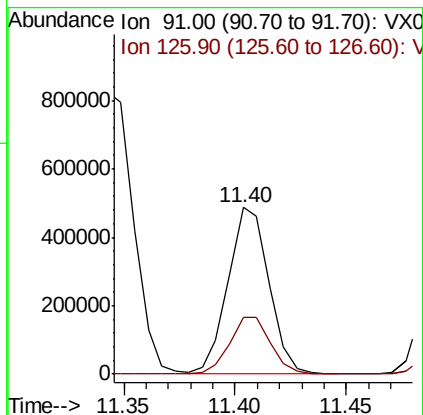
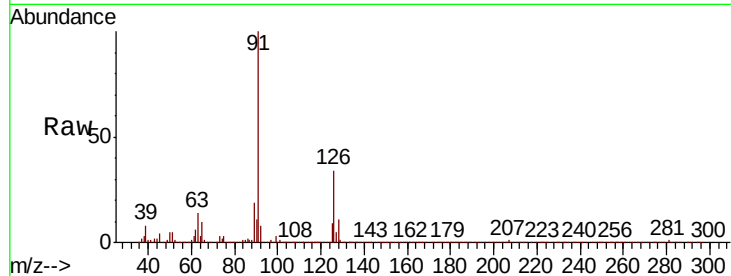




#79
 2-Chlorotoluene
 Concen: 18.842 ug/l
 RT: 11.40 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: VX015833.D
 Acq: 22 Apr 2020 10:44

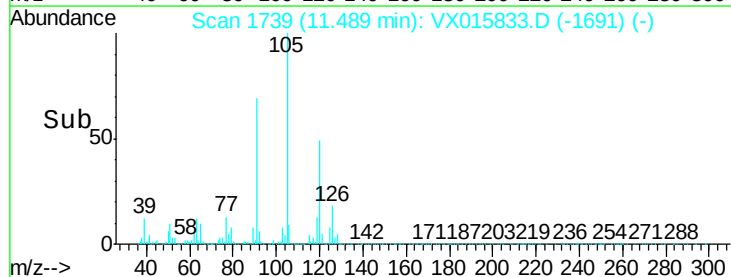
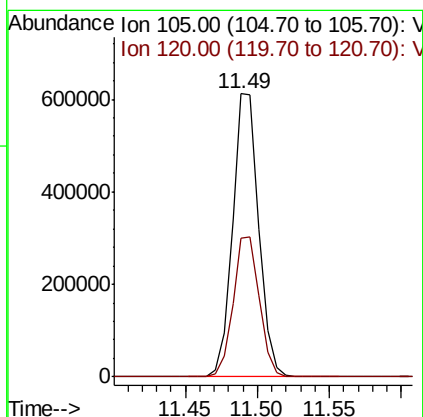
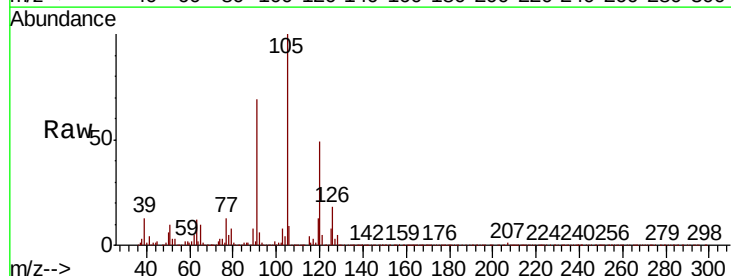
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

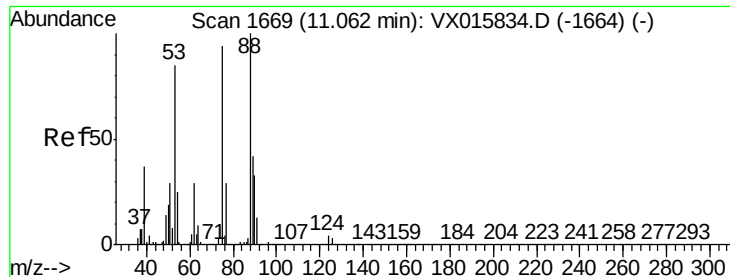
Tot Ion: 91 Resp: 619825
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 19.041 ug/l
 RT: 11.49 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: VX015833.D
 Acq: 22 Apr 2020 10:44

Tgt Ion: 105 Resp: 775243
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 19.381 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015833.D

Acq: 22 Apr 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

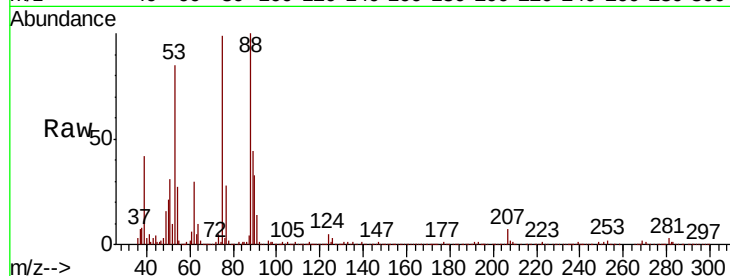
Tot Ion: 75 Resp: 107704

Ion Ratio Lower Upper

75 100

53 94.1 74.2 111.2

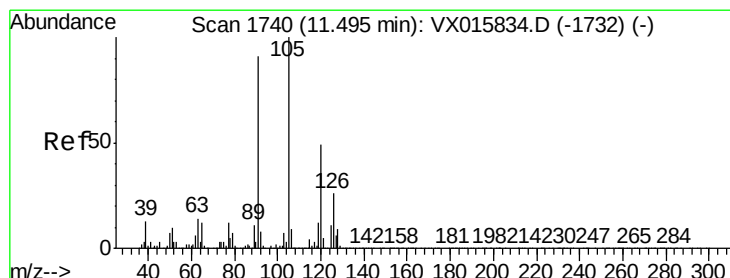
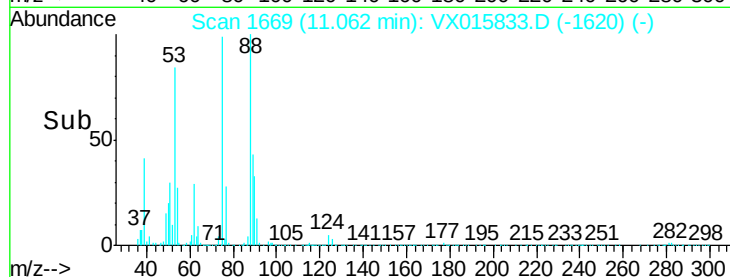
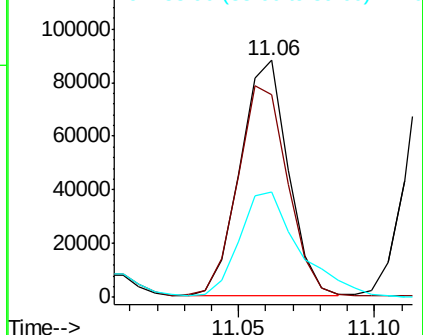
89 56.3 38.0 57.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.776 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015833.D

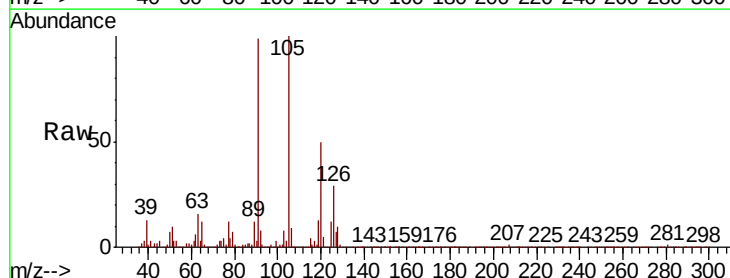
Acq: 22 Apr 2020 10:44

Tgt Ion: 91 Resp: 736485

Ion Ratio Lower Upper

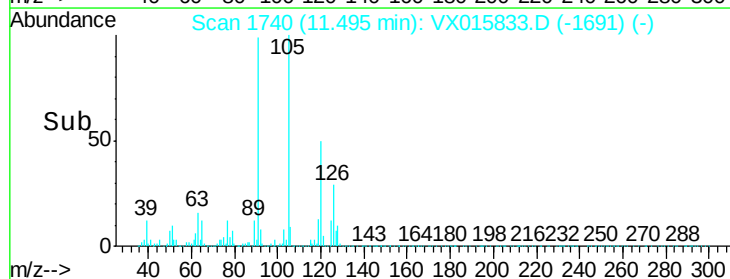
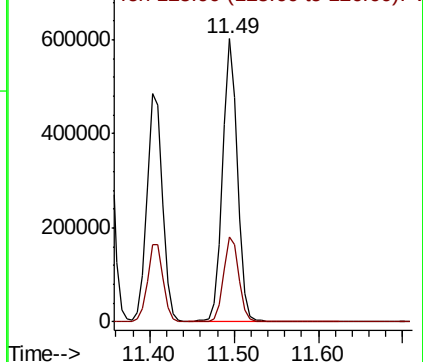
91 100

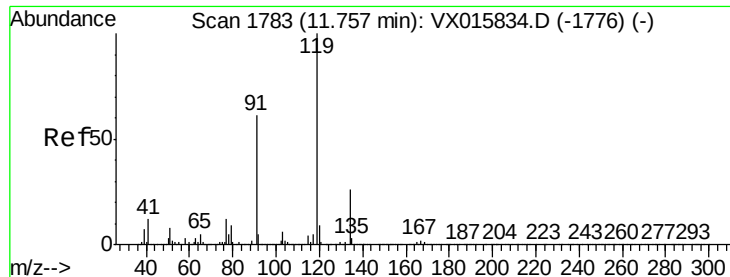
126 30.6 15.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

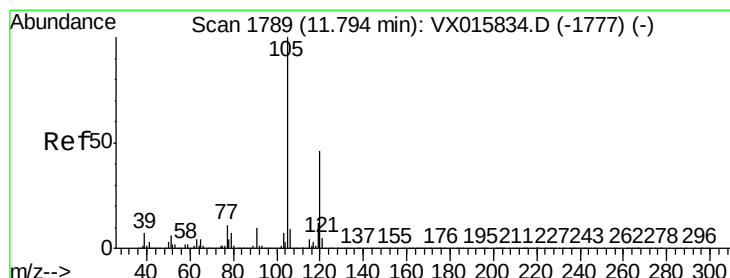
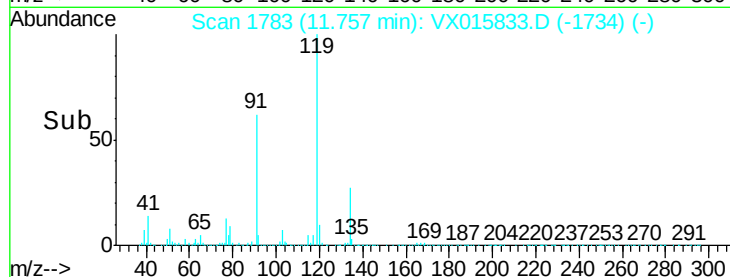
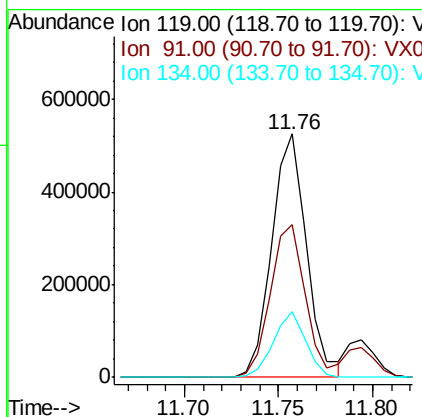
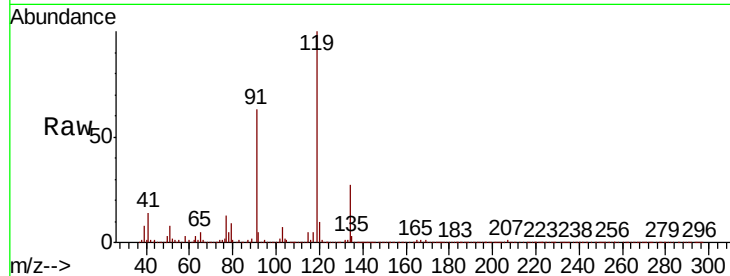




#83
 tert-Butylbenzene
 Concen: 18.517 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX015833.D
 Acq: 22 Apr 2020 10:44

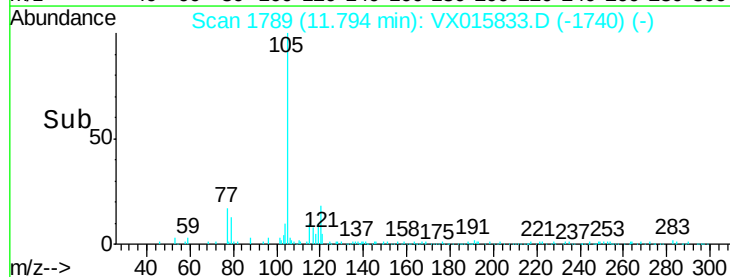
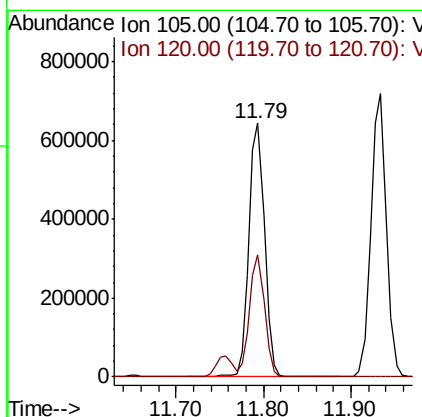
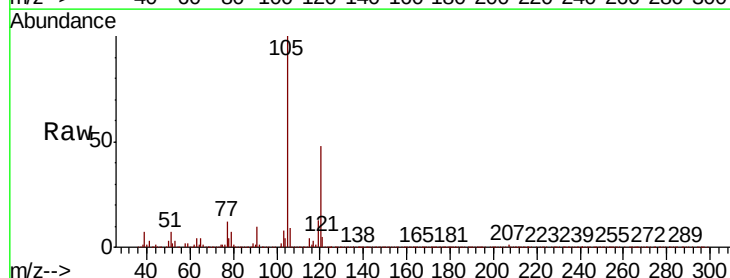
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

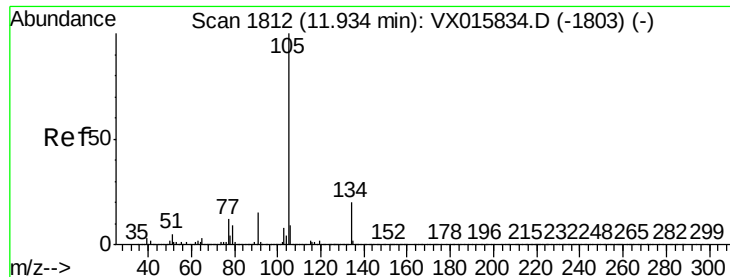
Tot Ion:119 Resp: 670470
 Ion Ratio Lower Upper
 119 100
 91 62.7 30.9 92.7
 134 25.4 12.4 37.2



#84
 1,2,4-Trimethylbenzene
 Concen: 18.651 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015833.D
 Acq: 22 Apr 2020 10:44

Tgt Ion:105 Resp: 789602
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.9 68.7

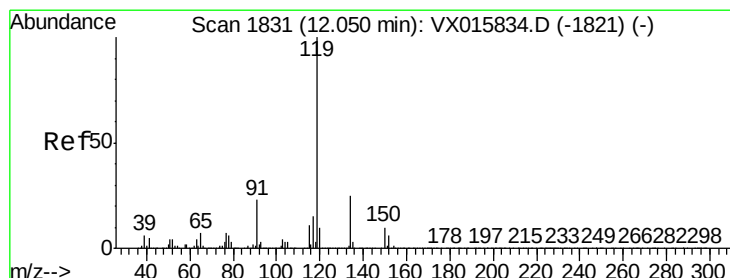
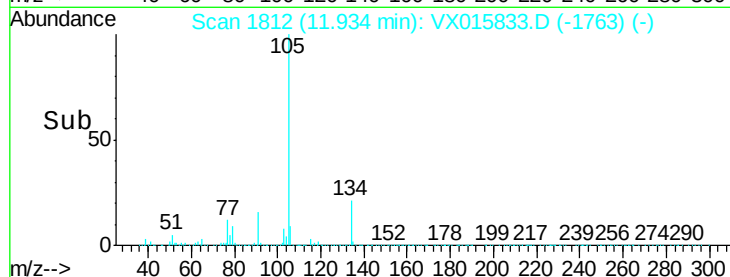
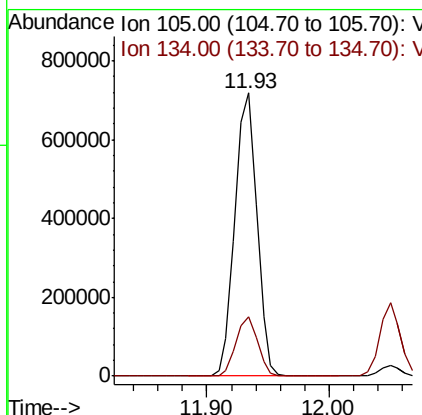
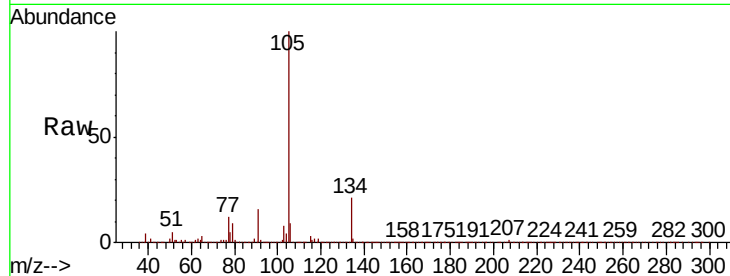




#85
 sec-Butylbenzene
 Concen: 18.684 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015833.D
 Acq: 22 Apr 2020 10:44

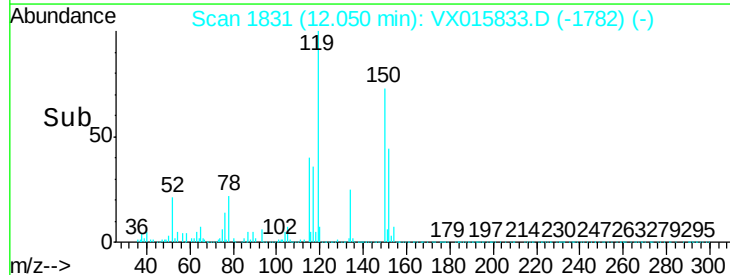
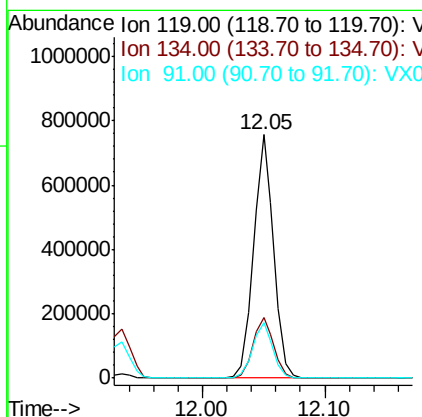
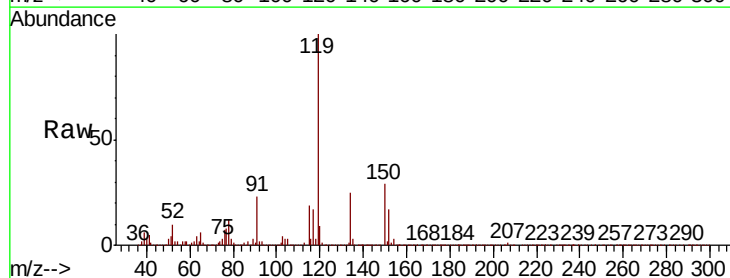
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

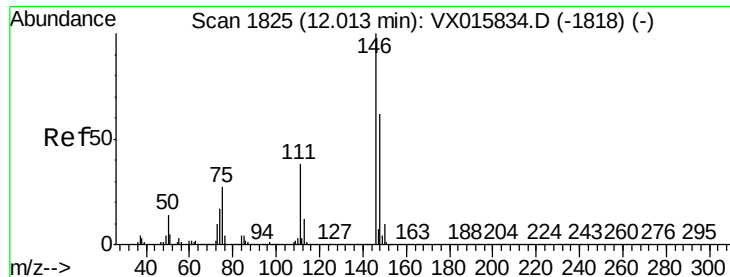
Tot Ion:105 Resp: 893683
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 19.273 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: VX015833.D
 Acq: 22 Apr 2020 10:44

Tgt Ion:119 Resp: 858155
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 38.9
 91 23.3 11.5 34.5

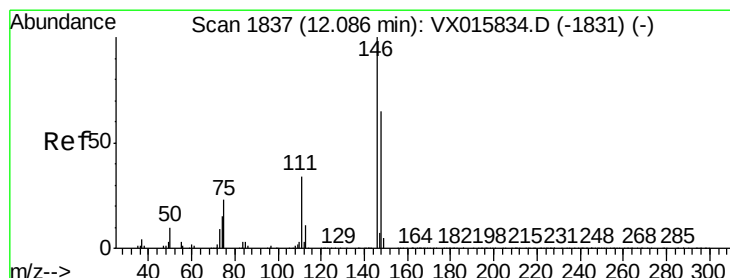
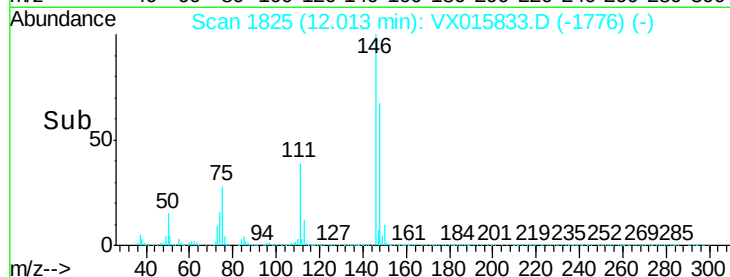
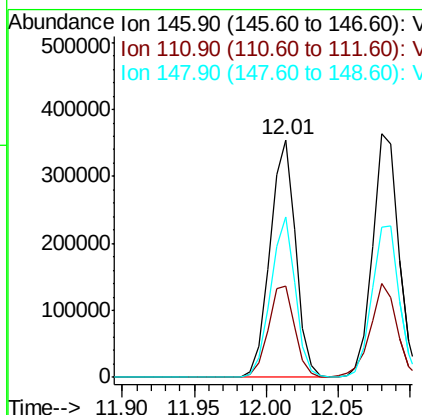
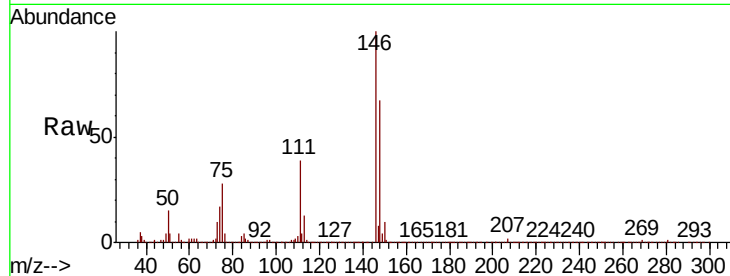




#87
 1,3-Dichlorobenzene
 Concen: 18.166 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015833.D
 Acq: 22 Apr 2020 10:44

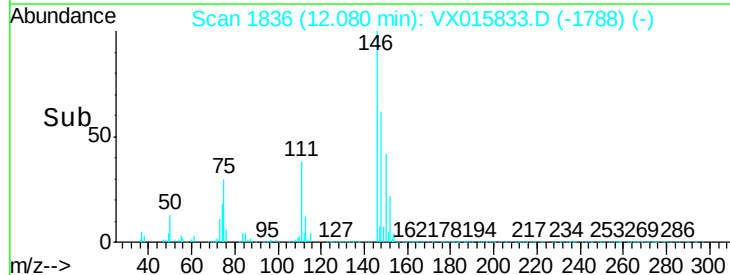
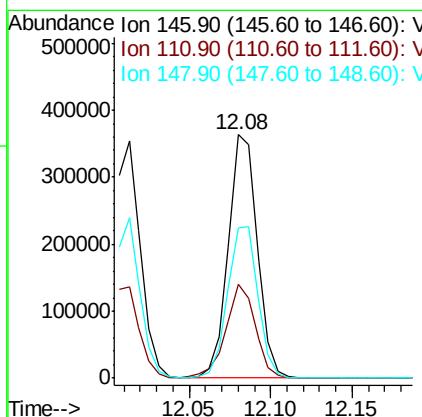
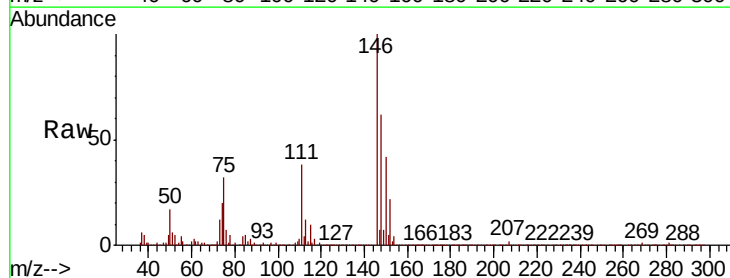
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

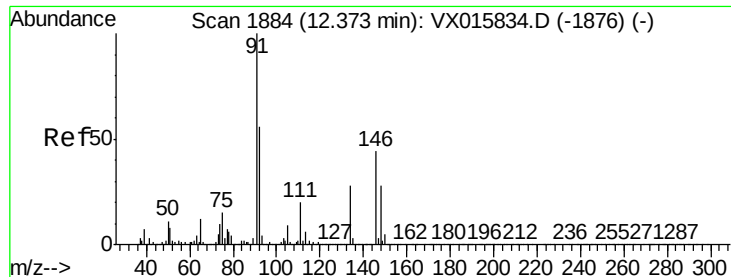
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.1	57.1
148	64.8	30.9	92.7



#88
 1,4-Dichlorobenzene
 Concen: 18.734 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015833.D
 Acq: 22 Apr 2020 10:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.4	58.2
148	64.6	33.8	101.4

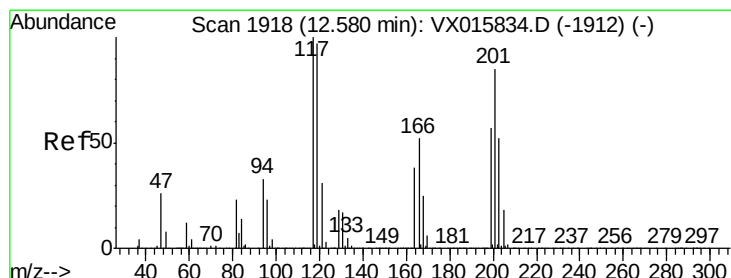
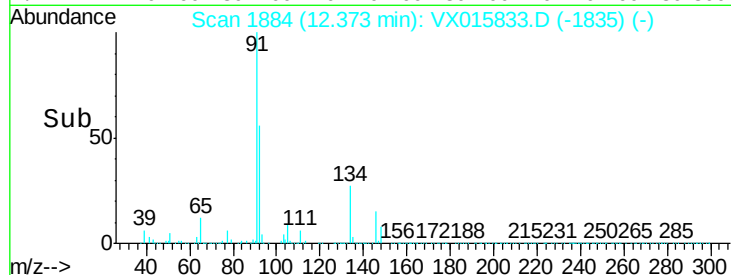
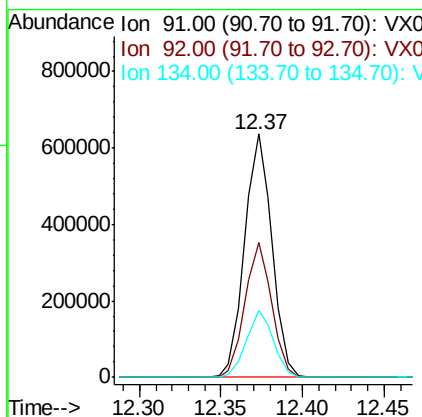
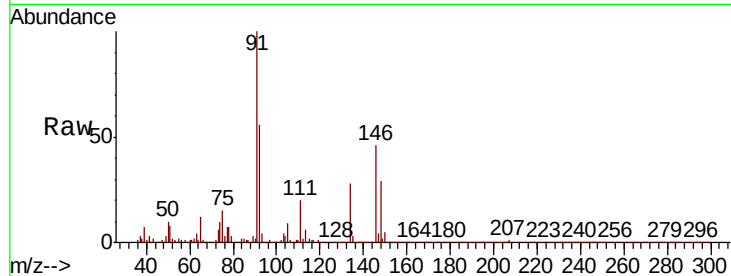




#89
n-Butylbenzene
Concen: 18.643 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015833.D
Acq: 22 Apr 2020 10:44

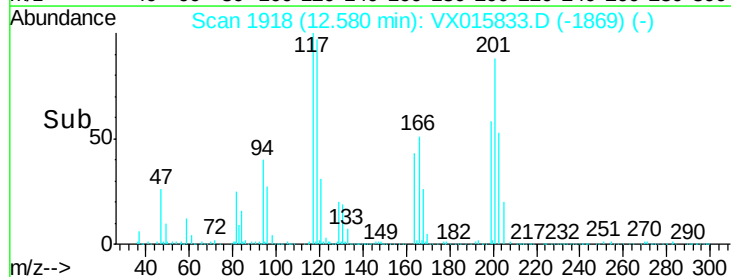
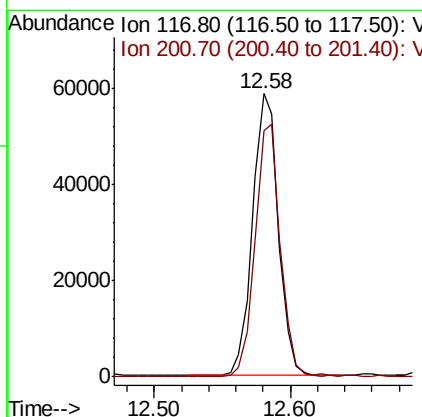
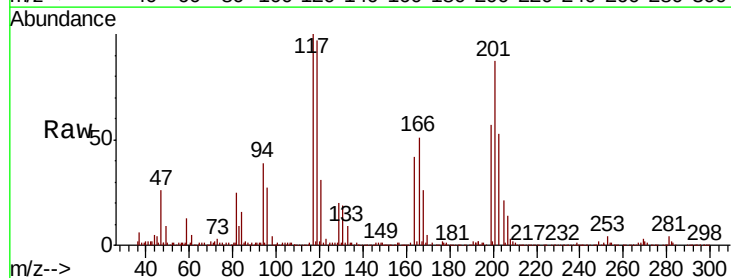
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

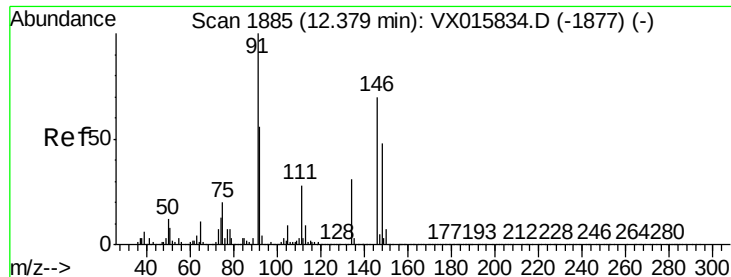
Tot Ion: 91 Resp: 739783
Ion Ratio Lower Upper
91 100
92 54.8 27.7 83.1
134 27.2 14.1 42.4



#90
Hexachloroethane
Concen: 19.988 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015833.D
Acq: 22 Apr 2020 10:44

Tgt Ion: 117 Resp: 78454
Ion Ratio Lower Upper
117 100
201 87.4 45.6 136.9

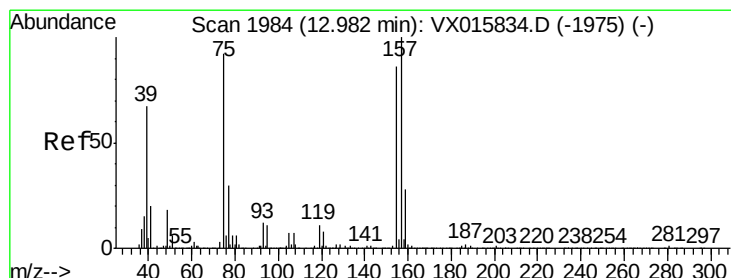
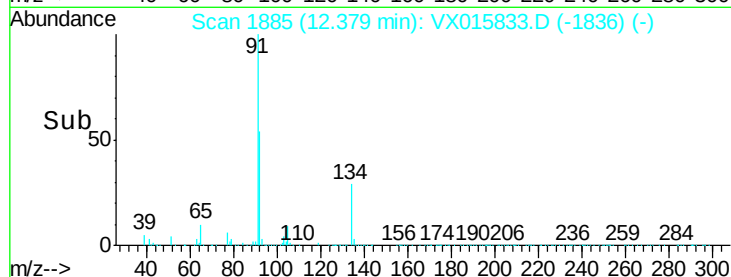
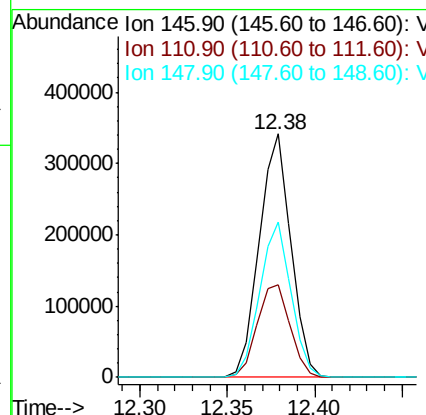
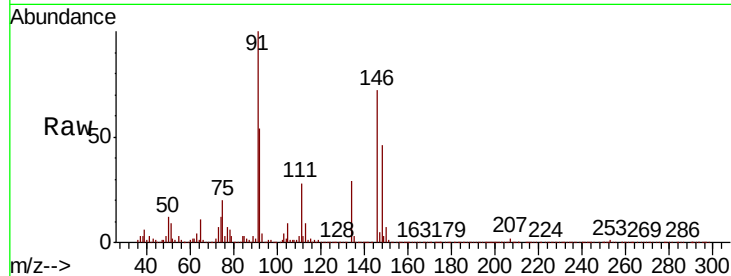




#91
 1,2-Dichlorobenzene
 Concen: 18.975 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015833.D
 Acq: 22 Apr 2020 10:44

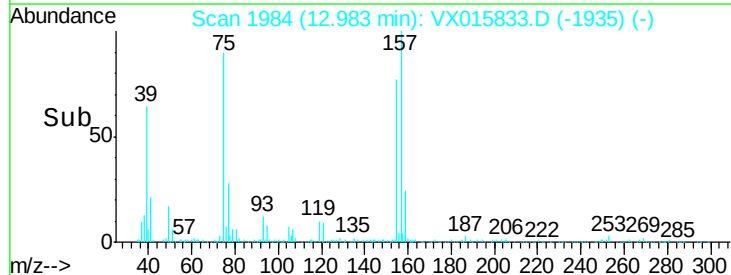
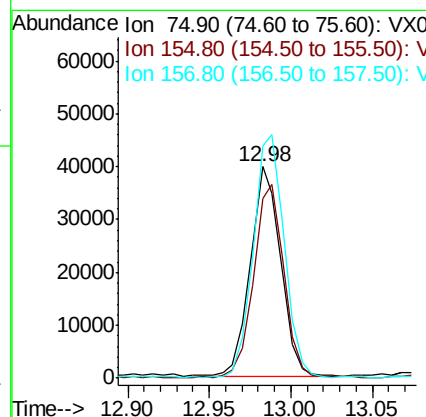
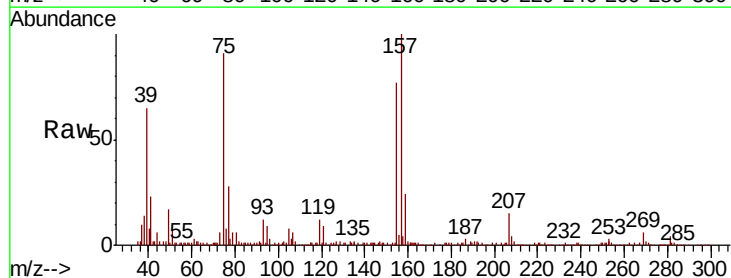
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

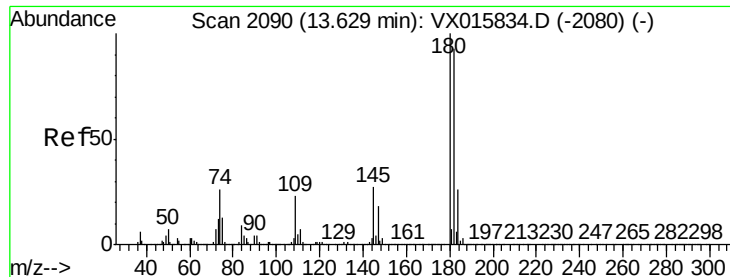
Tot Ion:146 Resp: 430041
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.3 61.0
 148 63.1 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.143 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015833.D
 Acq: 22 Apr 2020 10:44

Tgt Ion: 75 Resp: 51733
 Ion Ratio Lower Upper
 75 100
 155 93.1 48.1 144.4
 157 117.5 58.9 176.7

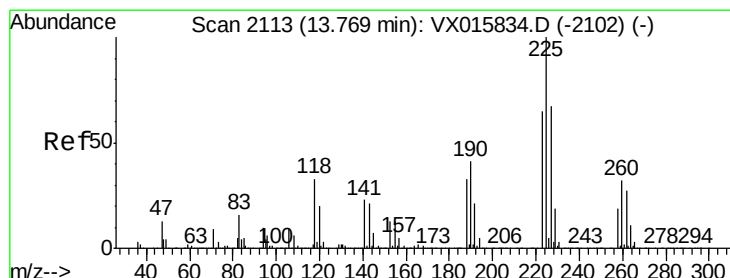
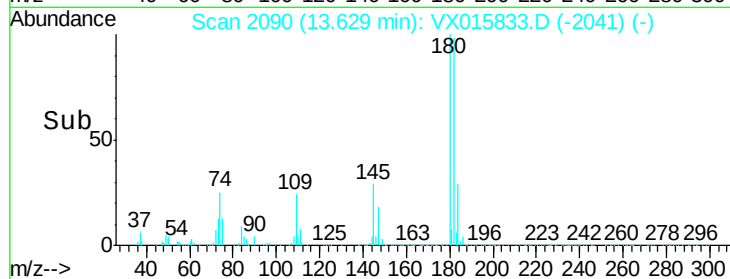
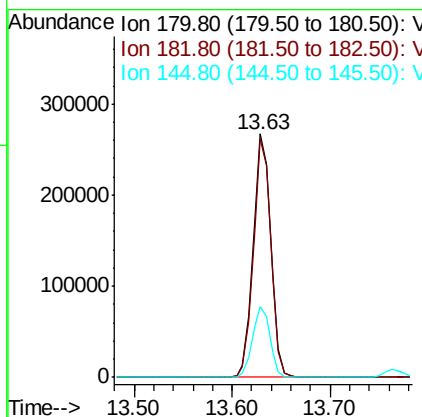
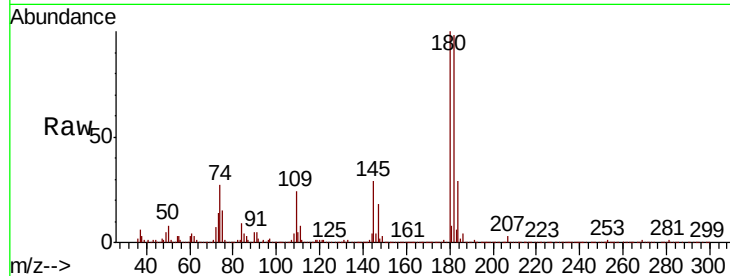




#93
 1,2,4-Trichlorobenzene
 Concen: 18.599 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015833.D
 Acq: 22 Apr 2020 10:44

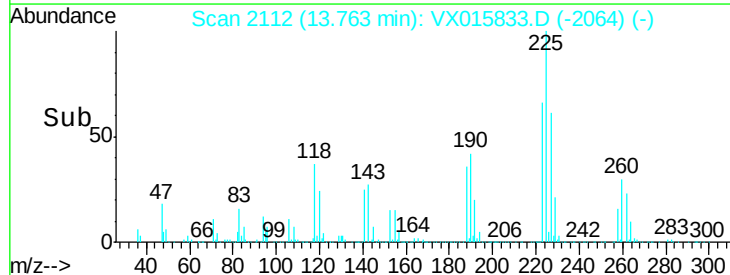
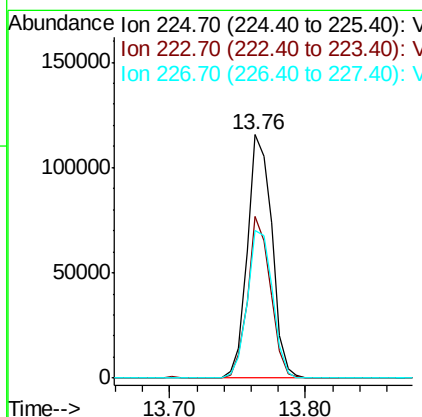
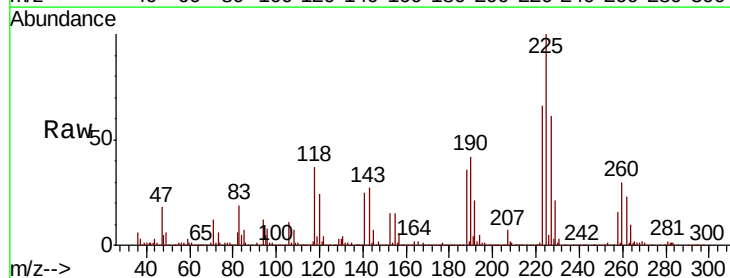
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

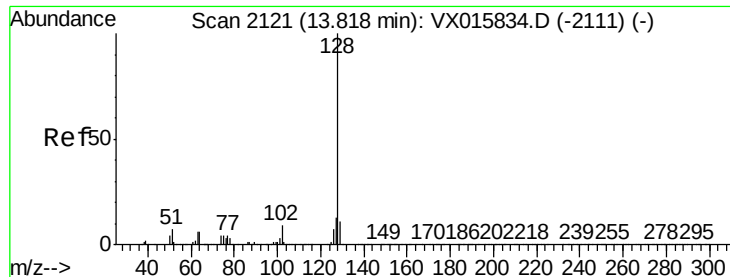
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.7	143.1
145	29.2	14.5	43.5



#94
 Hexachlorobutadiene
 Concen: 18.382 ug/l
 RT: 13.76 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: VX015833.D
 Acq: 22 Apr 2020 10:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	31.3	93.8
227	62.5	32.6	97.8

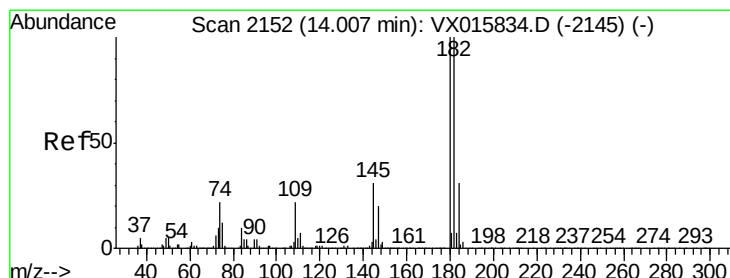
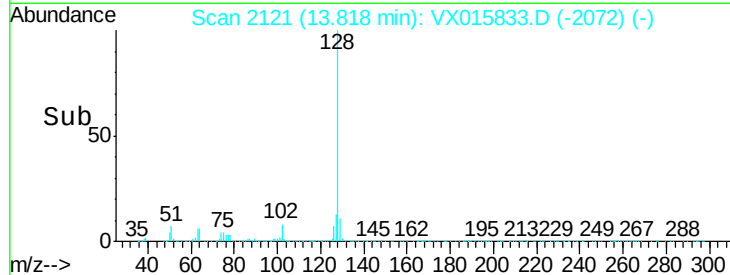
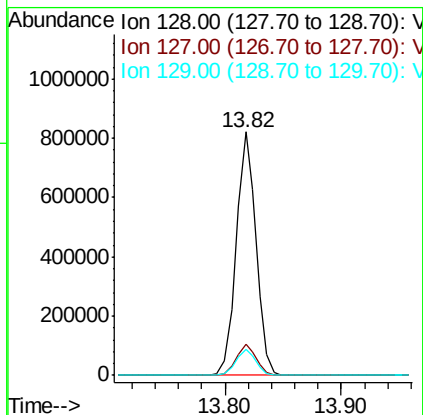
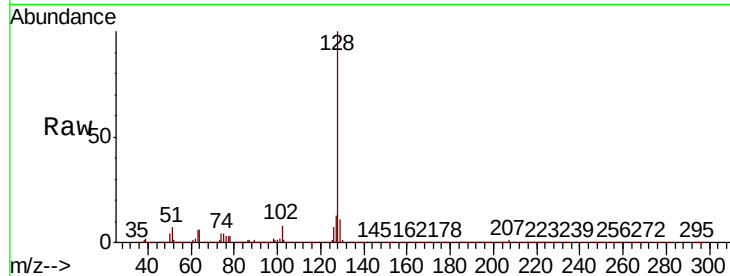




#95
Naphthalene
Concen: 18.915 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015833.D
Acq: 22 Apr 2020 10:44

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion:128 Resp: 971292
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.0 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 18.790 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.00 min
Lab File: VX015833.D
Acq: 22 Apr 2020 10:44

Tgt Ion:180 Resp: 325178
Ion Ratio Lower Upper
180 100
182 100.1 47.9 143.7
145 31.4 15.2 45.5

