

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031820\
 Data File : VX015323.D
 Acq On : 18 Mar 2020 13:24
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Mar 18 14:25:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 14:21:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	571079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	969203	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	915854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	399182	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	140623	20.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.04%	
35) Dibromofluoromethane	5.49	113	132075	21.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.98%	
50) Toluene-d8	8.71	98	487798	20.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.88%	
62) 4-Bromofluorobenzene	11.13	95	162825	19.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	114178	22.04	ug/l	99
3) Chloromethane	1.32	50	123987	17.59	ug/l	96
4) Vinyl Chloride	1.40	62	125961	17.57	ug/l	97
5) Bromomethane	1.64	94	66640	16.52	ug/l	98
6) Chloroethane	1.72	64	78841	18.34	ug/l	97
7) Trichlorofluoromethane	1.93	101	165874	19.20	ug/l	100
8) Diethyl Ether	2.18	74	67072	17.43	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	123517	22.54	ug/l	96
10) Methyl Iodide	2.50	142	131333	21.58	ug/l	98
11) Tert butyl alcohol	3.03	59	121853	100.02	ug/l	100
12) 1,1-Dichloroethene	2.37	96	132554	23.36	ug/l	96
13) Acrolein	2.29	56	117347	103.57	ug/l	98
14) Allyl chloride	2.72	41	191646	19.59	ug/l	98
15) Acrylonitrile	3.13	53	332151	109.31	ug/l	100
16) Acetone	2.44	43	268470	98.63	ug/l	98
17) Carbon Disulfide	2.56	76	354010	22.38	ug/l	99
18) Methyl Acetate	2.76	43	135170	19.79	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	382319	21.32	ug/l	98
20) Methylene Chloride	2.85	84	150668	22.43	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	142177	22.74	ug/l	97
22) Diisopropyl ether	3.84	45	401210	20.40	ug/l	95
23) Vinyl Acetate	3.80	43	1618091	100.60	ug/l	98
24) 1,1-Dichloroethane	3.69	63	230135	20.86	ug/l	99
25) 2-Butanone	4.66	43	418705	102.97	ug/l	99
26) 2,2-Dichloropropane	4.58	77	178694	20.57	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	159118	22.94	ug/l	98
28) Bromochloromethane	5.01	49	110069	22.32	ug/l	97
29) Tetrahydrofuran	5.12	42	267214	100.95	ug/l	99
30) Chloroform	5.20	83	235008	21.73	ug/l	99
31) Cyclohexane	5.58	56	199454	20.23	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	196910	21.85	ug/l	97
36) 1,1-Dichloropropene	5.79	75	175382	19.49	ug/l	99
37) Ethyl Acetate	4.82	43	164265	20.01	ug/l	99
38) Carbon Tetrachloride	5.78	117	171930	20.18	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	193800	18.34	ug/l	96
40) Benzene	6.14	78	549075	20.47	ug/l	99
41) Methacrylonitrile	5.03	41	92334	18.80	ug/l	96
42) 1,2-Dichloroethane	6.18	62	169184	18.79	ug/l	100
43) Isopropyl Acetate	6.43	43	248144	17.32	ug/l	100
44) Trichloroethene	7.20	130	141438	19.10	ug/l	99
45) 1,2-Dichloropropane	7.51	63	131612	19.15	ug/l	99
46) Dibromomethane	7.65	93	88778	19.66	ug/l	99
47) Bromodichloromethane	7.89	83	157568	17.73	ug/l	97
48) Methyl methacrylate	7.76	41	108124	14.81	ug/l	96
49) 1,4-Dioxane	7.75	88	59332	363.32	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	792086	93.09	ug/l	99
52) Toluene	8.78	92	344986	21.03	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	182537	19.42	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	197355	18.45	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	141340	20.89	ug/l	97
56) Ethyl methacrylate	9.17	69	183663	19.25	ug/l	98
57) 1,3-Dichloropropane	9.37	76	226712	20.01	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	488254	94.18	ug/l	99
59) 2-Hexanone	9.48	43	578258	91.85	ug/l	99
60) Dibromochloromethane	9.57	129	132829	18.81	ug/l	100
61) 1,2-Dibromoethane	9.67	107	137028	19.19	ug/l	99
64) Tetrachloroethene	9.33	164	129477	17.45	ug/l	98
65) Chlorobenzene	10.14	112	367694	19.79	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	123489	17.80	ug/l	99
67) Ethyl Benzene	10.25	91	629451	19.99	ug/l	99
68) m/p-Xylenes	10.35	106	496708	41.37	ug/l	98
69) o-Xylene	10.70	106	238193	20.71	ug/l	100
70) Styrene	10.71	104	401082	20.34	ug/l	99
71) Bromoform	10.85	173	76267	14.42	ug/l #	96
73) Isopropylbenzene	11.01	105	614428	23.58	ug/l	97
74) N-amyl acetate	10.89	43	195357	18.37	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	185028	21.40	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	210033	26.78	ug/l	84
77) Bromobenzene	11.25	156	129738	18.16	ug/l	95
78) n-propylbenzene	11.35	91	694769	23.51	ug/l	98
79) 2-Chlorotoluene	11.42	91	417702	23.60	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	489904	22.72	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	56498	19.77	ug/l	94
82) 4-Chlorotoluene	11.51	91	467278	22.37	ug/l	100
83) tert-Butylbenzene	11.76	119	474098	22.68	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	521000	23.84	ug/l	100
85) sec-Butylbenzene	11.94	105	549940	21.61	ug/l	99
86) p-Isopropyltoluene	12.06	119	495567	21.27	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	248457	19.58	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	257300	19.69	ug/l	98
89) n-Butylbenzene	12.39	91	469329	22.57	ug/l	98
90) Hexachloroethane	12.59	117	85715	19.46	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	249962	19.71	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	36019	21.04	ug/l	89

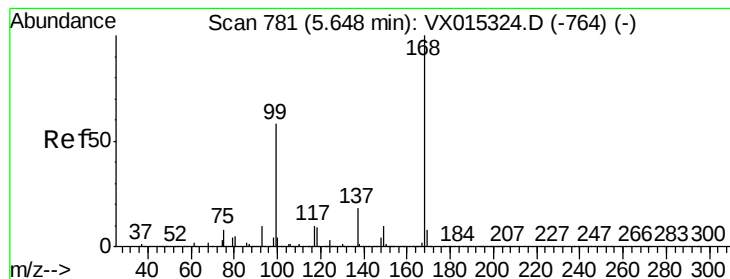
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031820\
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QLast Update : Wed Mar 18 14:21:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	158707	18.63	ug/l	98
94) Hexachlorobutadiene	13.78	225	65458	15.44	ug/l	95
95) Naphthalene	13.83	128	540531	22.34	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	135380	15.96	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

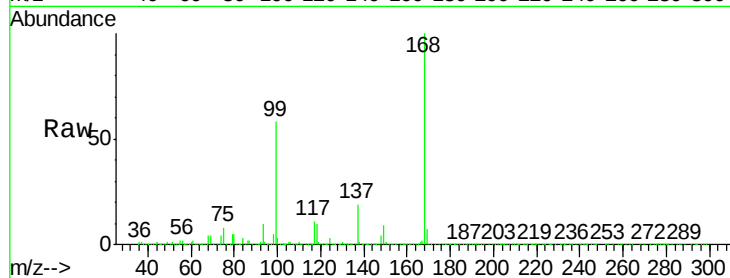
VSTDIC020

Tgt Ion:168 Resp: 571079

Ion Ratio Lower Upper

168 100

99 58.0 47.0 70.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

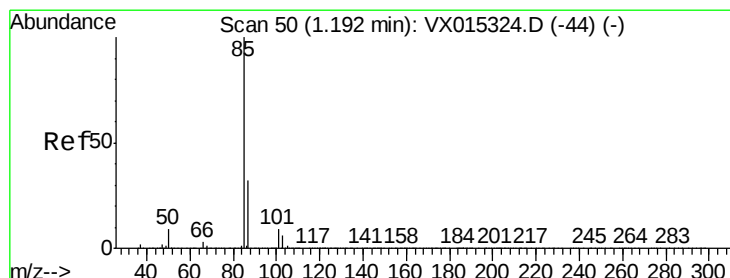
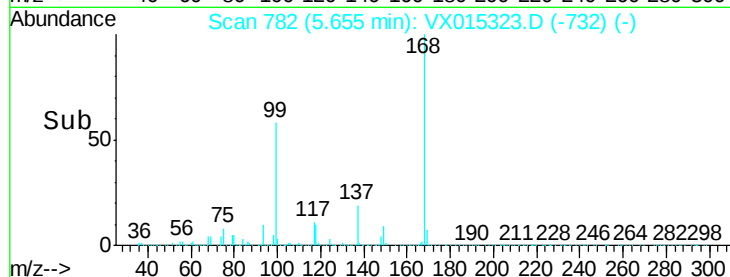
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.04 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015323.D

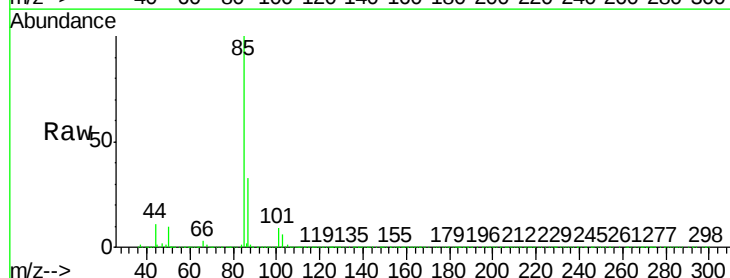
Acq: 18 Mar 2020 13:24

Tgt Ion: 85 Resp: 114178

Ion Ratio Lower Upper

85 100

87 32.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

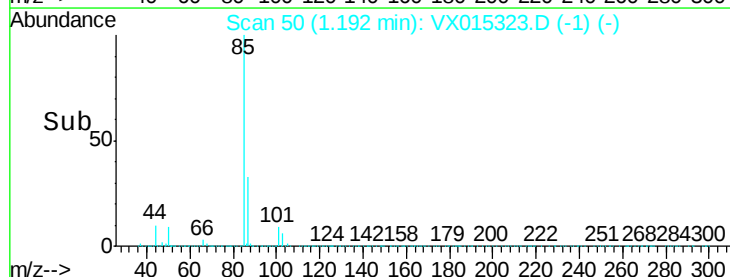
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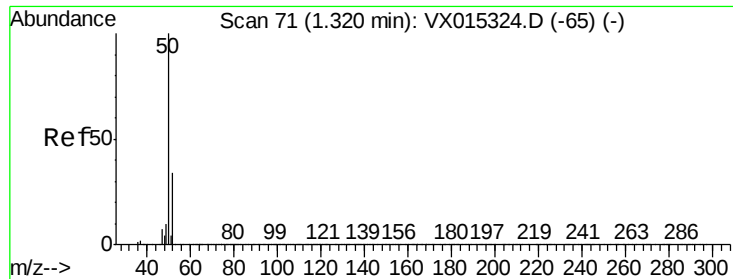
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Time-->

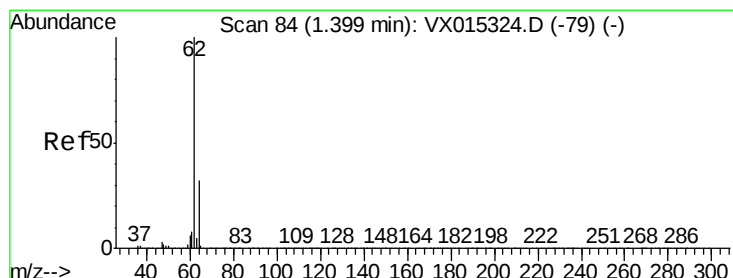
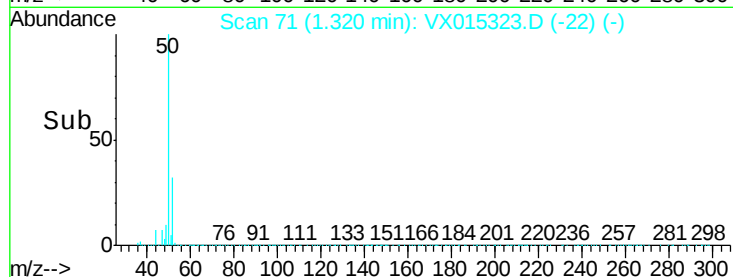
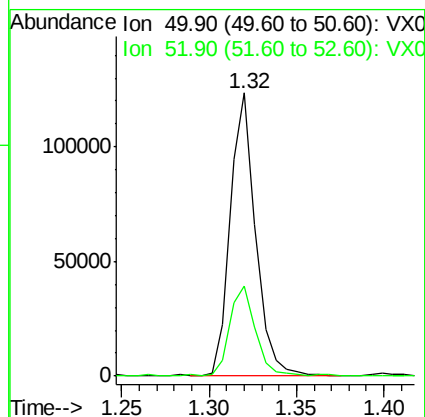
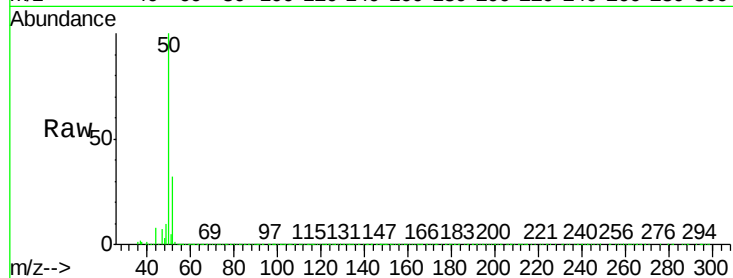




#3
Chloromethane
Concen: 17.59 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

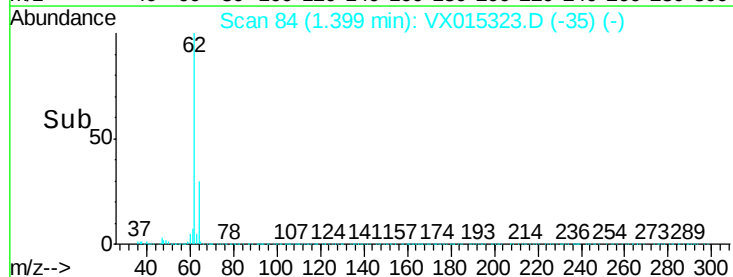
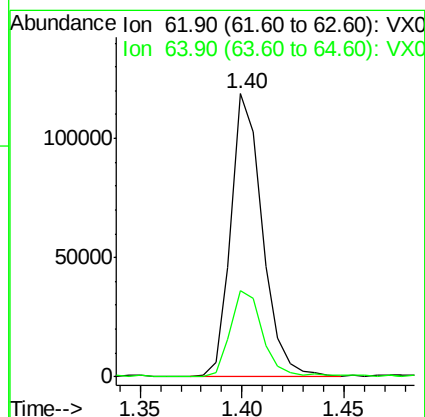
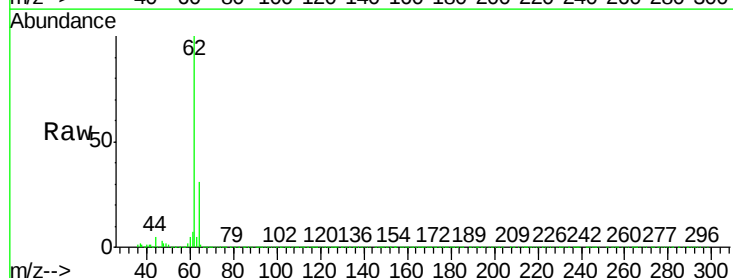
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

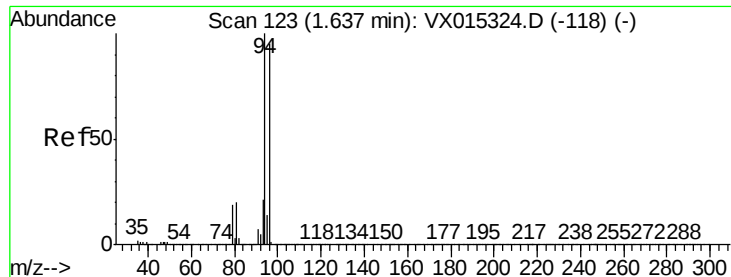
Tgt Ion: 50 Resp: 123987
Ion Ratio Lower Upper
50 100
52 31.7 27.4 41.0



#4
Vinyl Chloride
Concen: 17.57 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

Tgt Ion: 62 Resp: 125961
Ion Ratio Lower Upper
62 100
64 30.2 25.4 38.0





#5

Bromomethane

Concen: 16.52 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

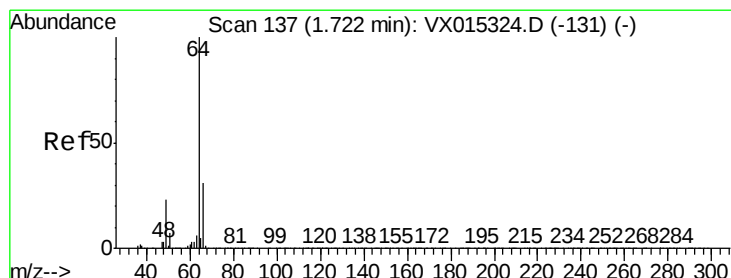
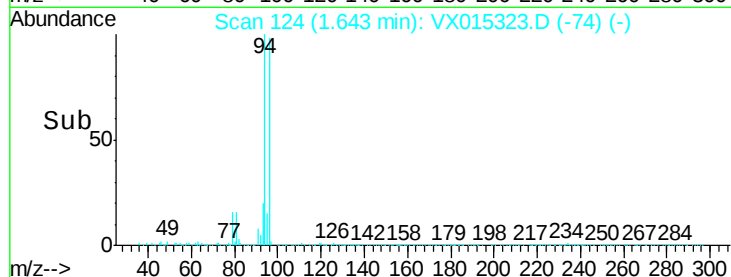
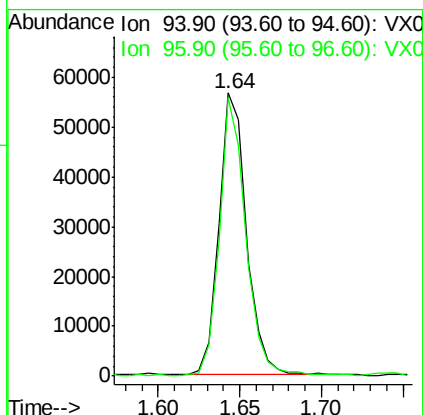
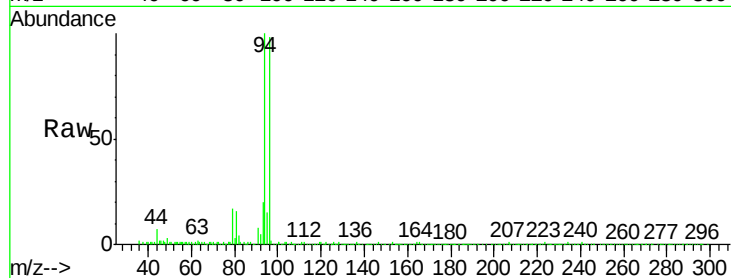
VSTDIC020

Tgt Ion: 94 Resp: 66640

Ion Ratio Lower Upper

94 100

96 97.9 76.5 114.7



#6

Chloroethane

Concen: 18.34 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015323.D

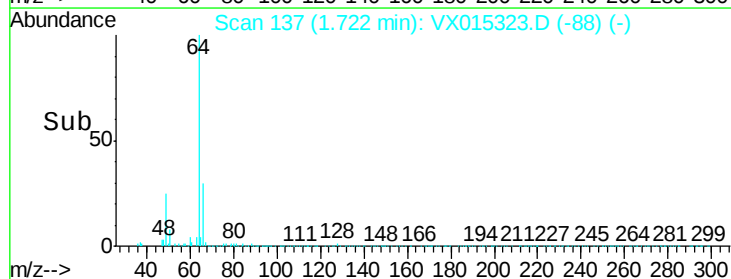
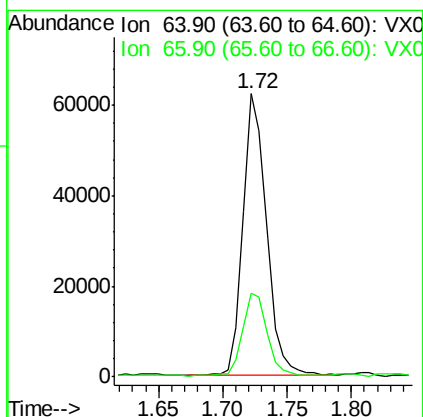
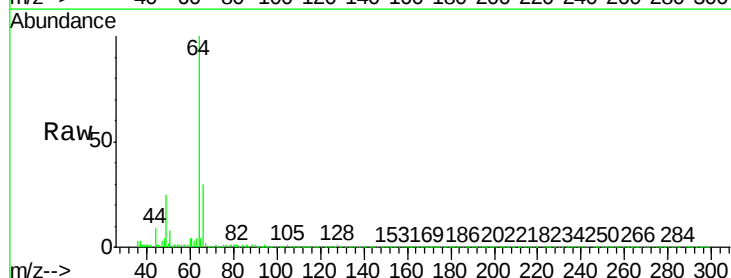
Acq: 18 Mar 2020 13:24

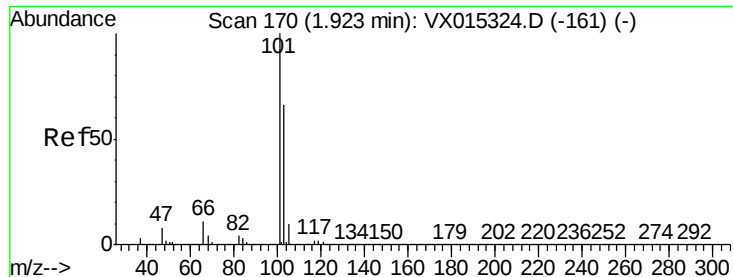
Tgt Ion: 64 Resp: 78841

Ion Ratio Lower Upper

64 100

66 29.5 24.8 37.2



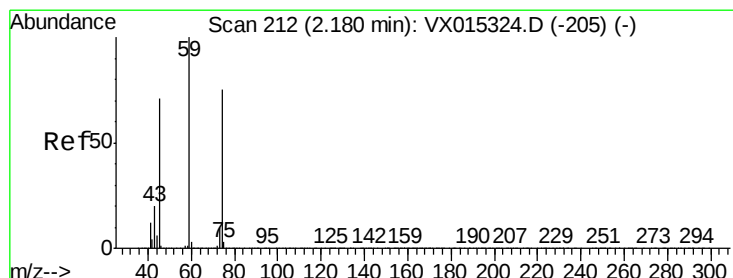
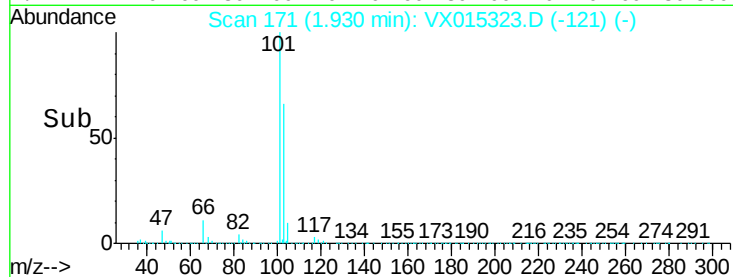
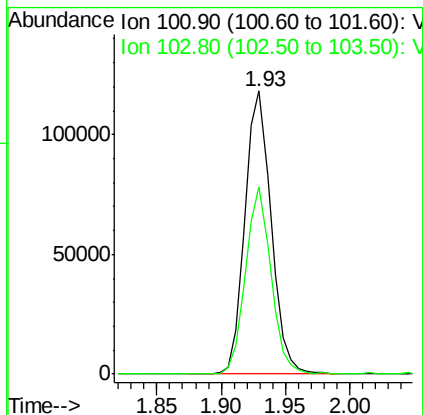
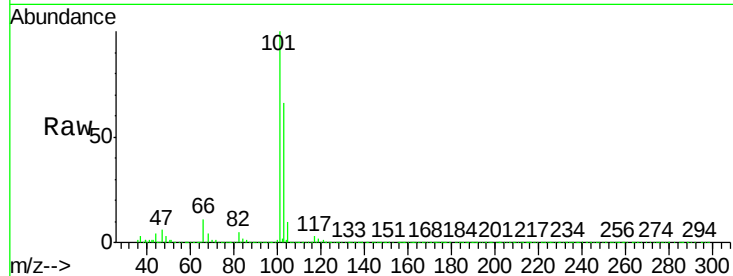


#7

Trichlorofluoromethane
 Concen: 19.20 ug/l
 RT: 1.93 min Scan# 171
 Delta R.T. 0.01 min
 Lab File: VX015323.D
 Acq: 18 Mar 2020 13:24

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 ClientSampleId :
 VSTDIC020

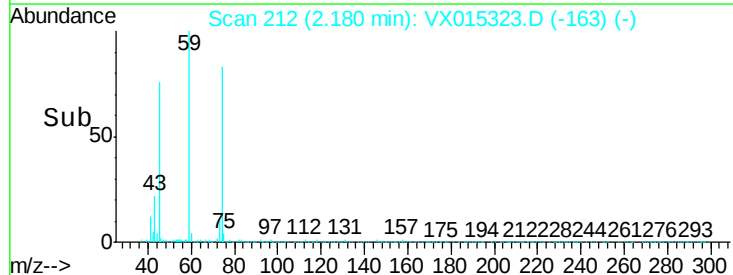
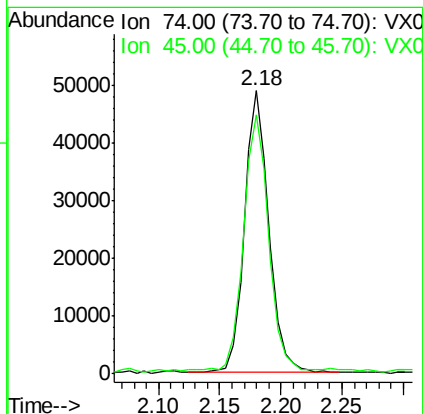
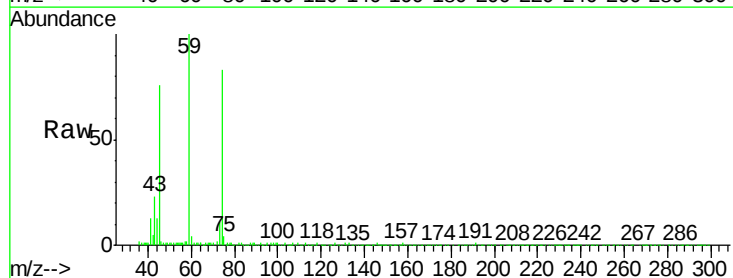
Tgt Ion:101 Resp: 165874
 Ion Ratio Lower Upper
 101 100
 103 65.9 52.6 79.0

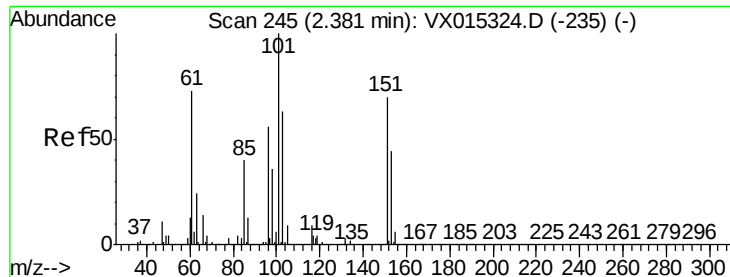


#8

Diethyl Ether
 Concen: 17.43 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX015323.D
 Acq: 18 Mar 2020 13:24

Tgt Ion: 74 Resp: 67072
 Ion Ratio Lower Upper
 74 100
 45 94.5 46.5 139.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.54 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

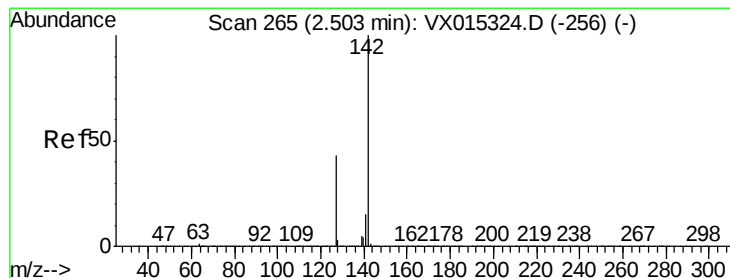
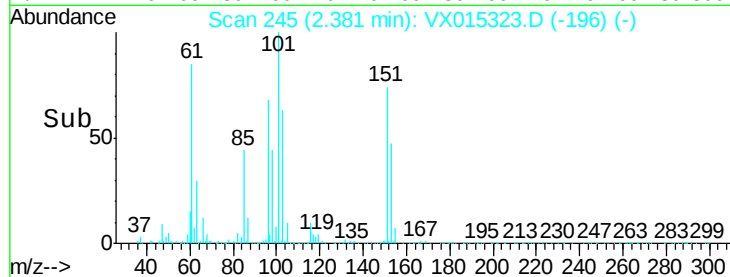
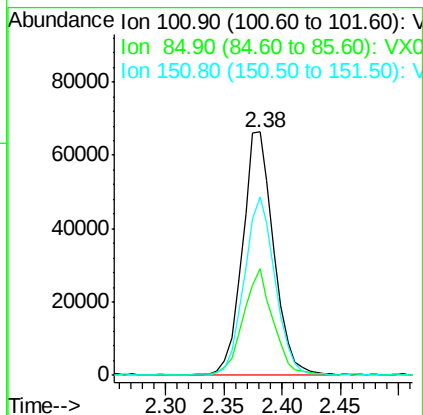
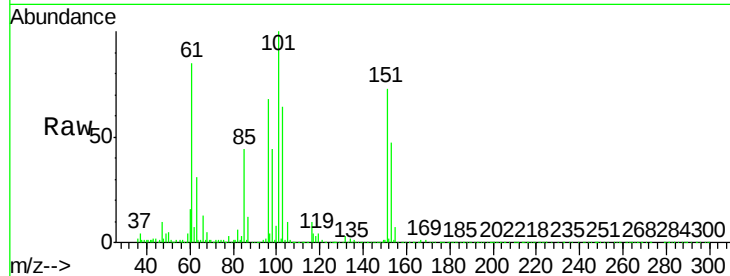
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:	101	Resp:	123517
Ion Ratio	Lower	Upper	
101	100		
85	41.6	32.2	48.4
151	72.5	55.0	82.6



#10

Methyl Iodide

Concen: 21.58 ug/l

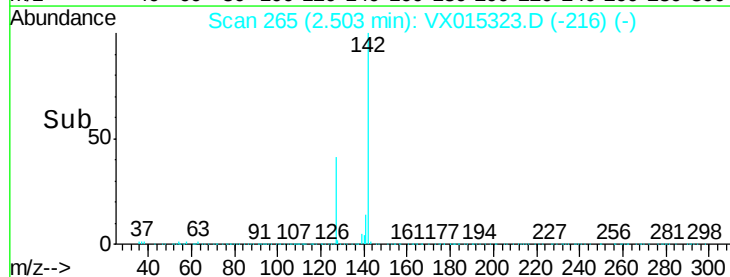
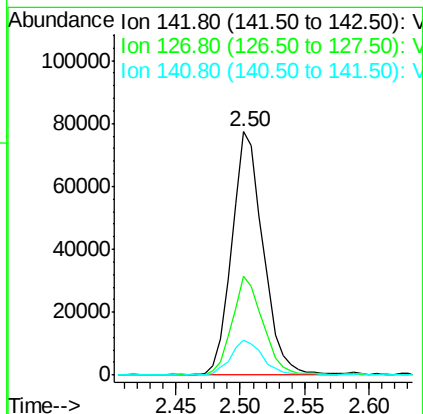
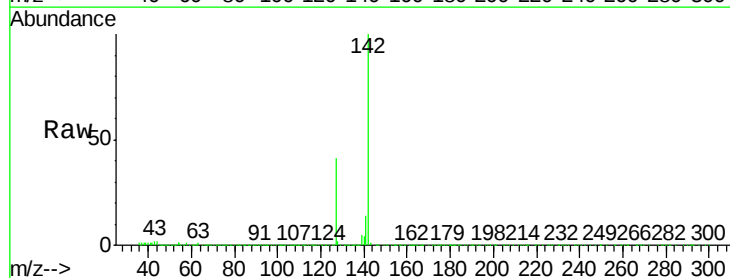
RT: 2.50 min Scan# 265

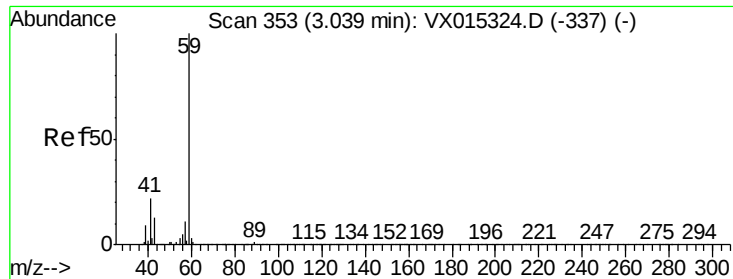
Delta R.T. 0.00 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

Tgt Ion:	142	Resp:	131333
Ion Ratio	Lower	Upper	
142	100		
127	40.1	33.6	50.4
141	15.0	11.9	17.9



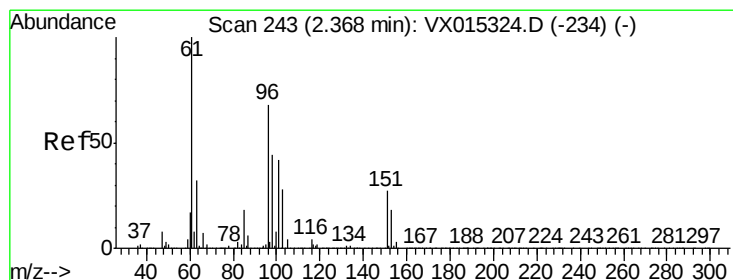
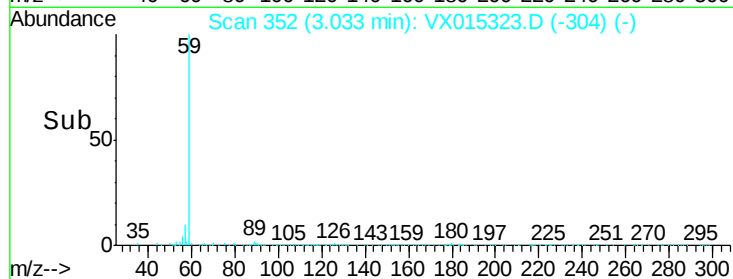
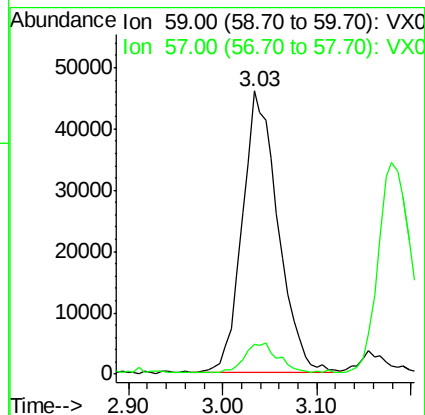
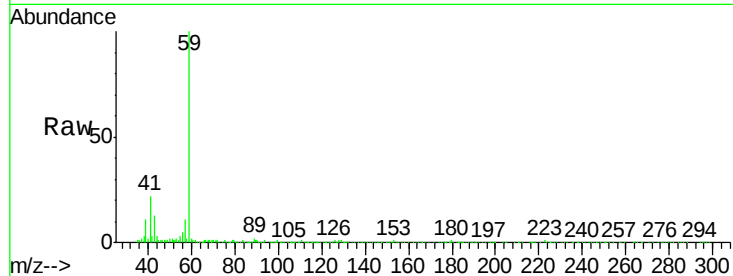


#11

Tert butyl alcohol
Concen: 100.02 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

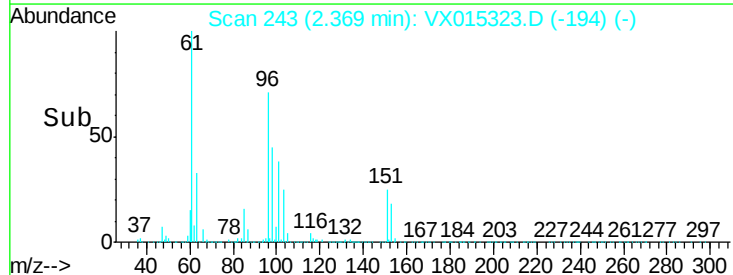
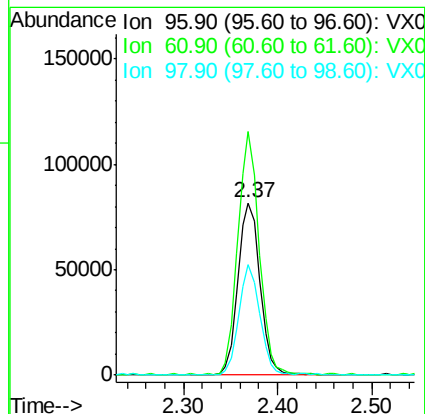
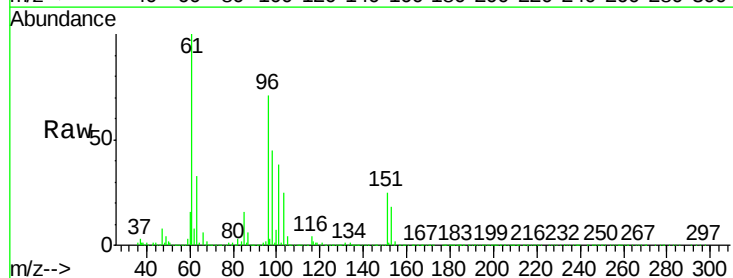
Tgt Ion: 59 Resp: 121853
Ion Ratio Lower Upper
59 100
57 10.1 8.0 12.0

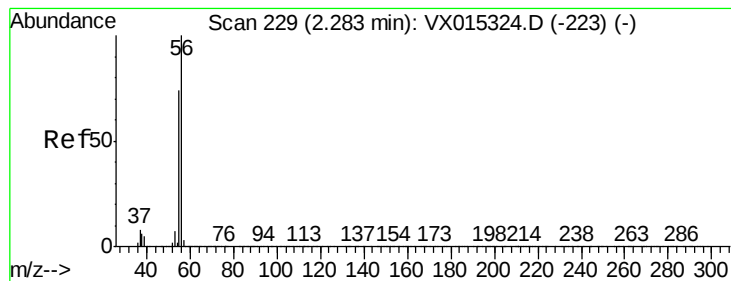


#12

1,1-Dichloroethene
Concen: 23.36 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

Tgt Ion: 96 Resp: 132554
Ion Ratio Lower Upper
96 100
61 141.3 117.7 176.5
98 63.9 52.3 78.5





#13

Acrolein

Concen: 103.57 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

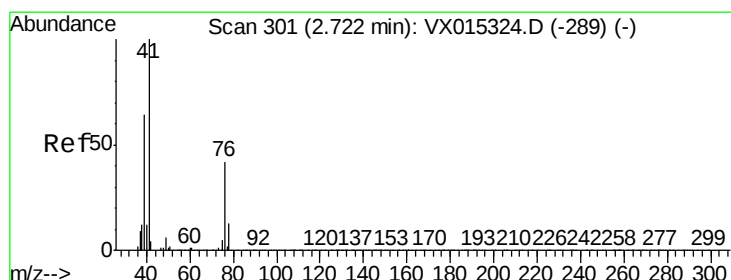
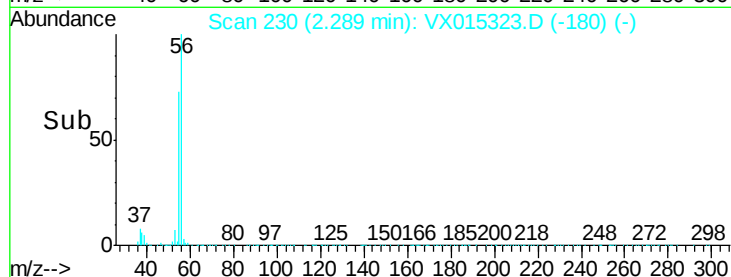
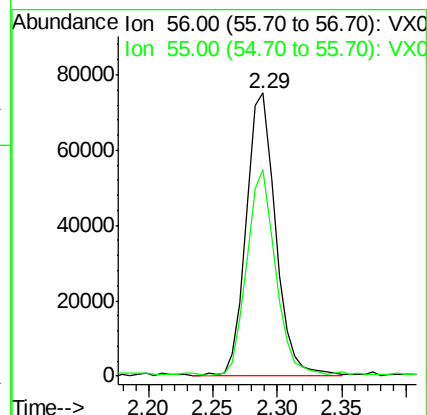
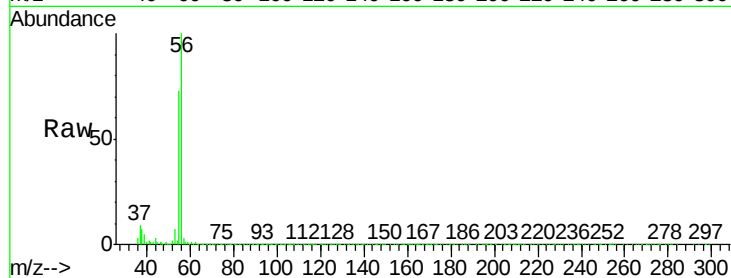
VSTDIC020

Tgt Ion: 56 Resp: 117347

Ion Ratio Lower Upper

56 100

55 72.5 56.6 84.8



#14

Allyl chloride

Concen: 19.59 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

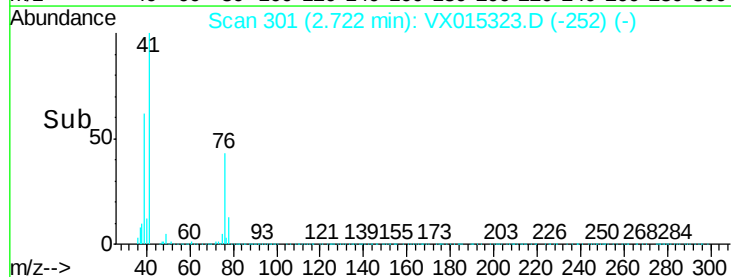
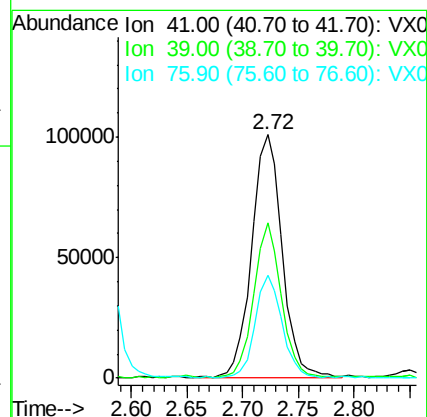
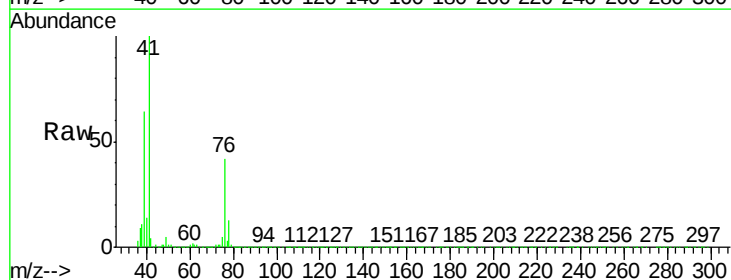
Tgt Ion: 41 Resp: 191646

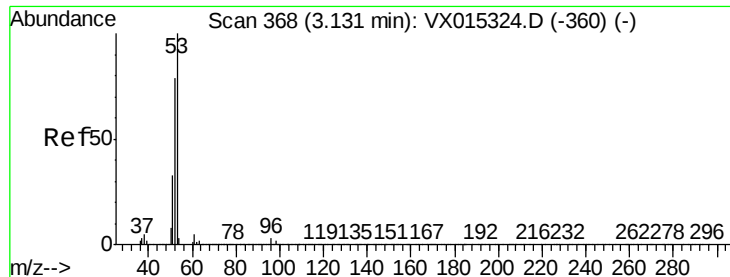
Ion Ratio Lower Upper

41 100

39 59.2 46.8 70.2

76 36.7 30.7 46.1





#15

Acrylonitrile

Concen: 109.31 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

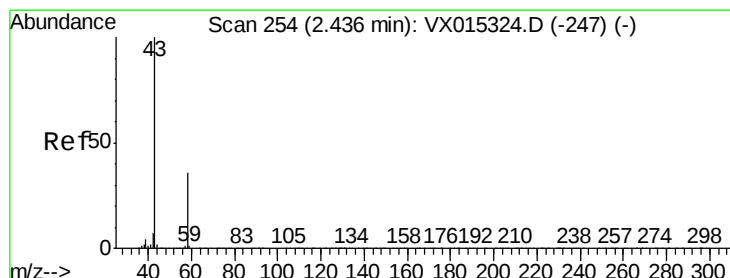
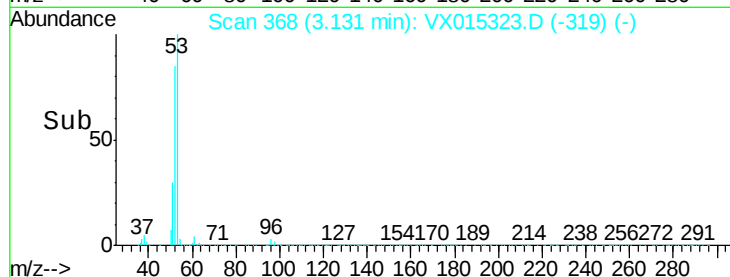
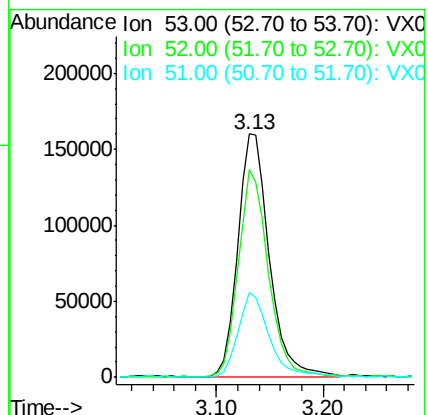
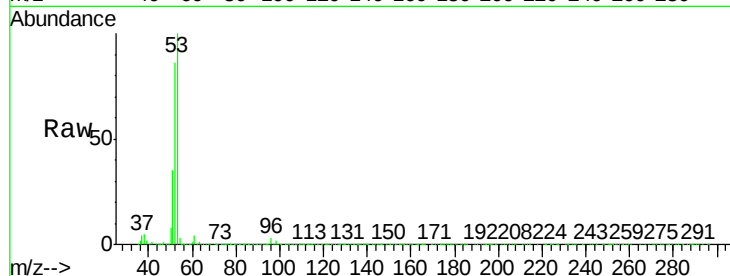
Tgt Ion: 53 Resp: 332151

Ion Ratio Lower Upper

53 100

52 81.2 64.6 97.0

51 34.7 27.5 41.3



#16

Acetone

Concen: 98.63 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX015323.D

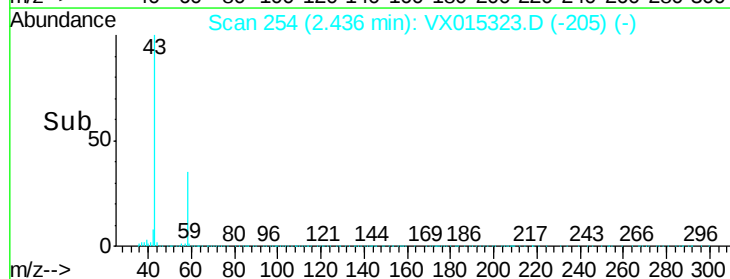
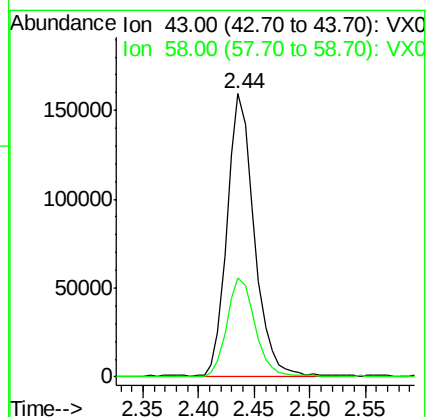
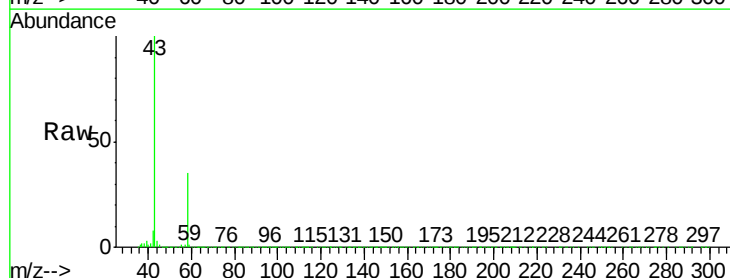
Acq: 18 Mar 2020 13:24

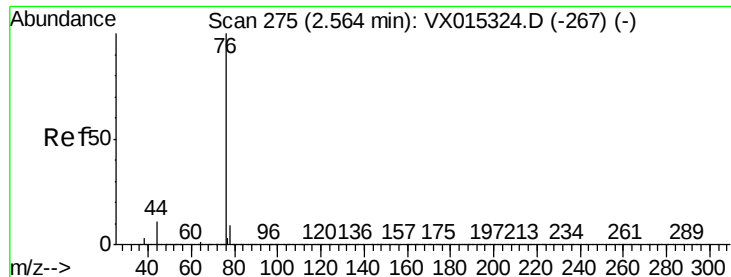
Tgt Ion: 43 Resp: 268470

Ion Ratio Lower Upper

43 100

58 34.9 29.0 43.4

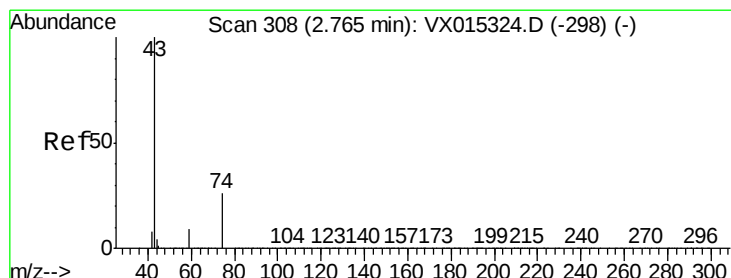
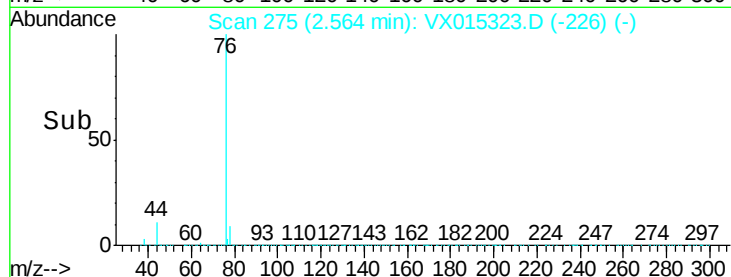
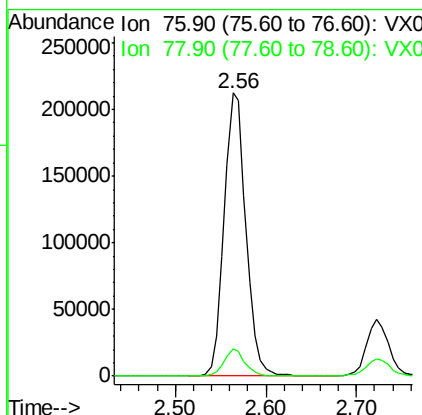
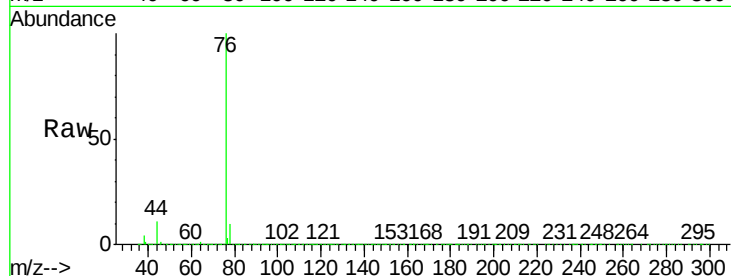




#17
Carbon Disulfide
Concen: 22.38 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

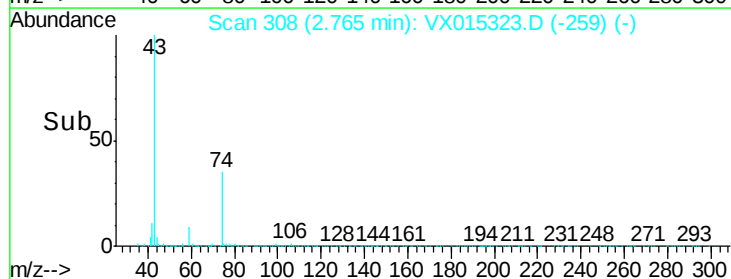
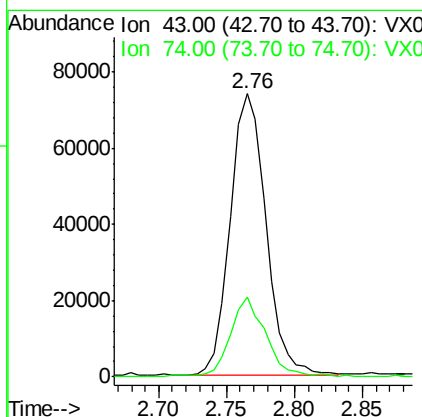
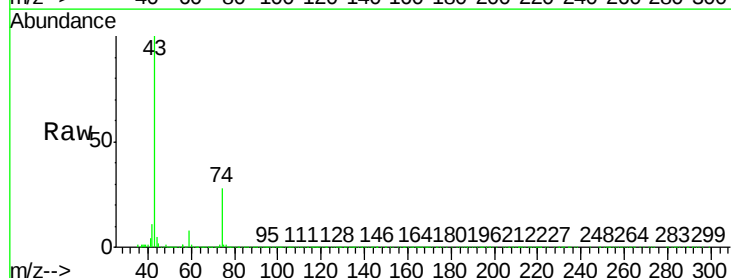
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

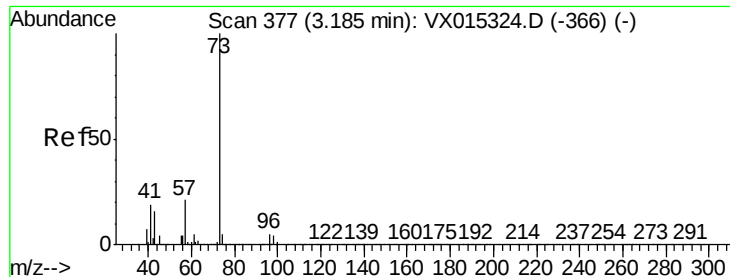
Tgt Ion: 76 Resp: 354010
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 19.79 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

Tgt Ion: 43 Resp: 135170
Ion Ratio Lower Upper
43 100
74 28.9 21.9 32.9

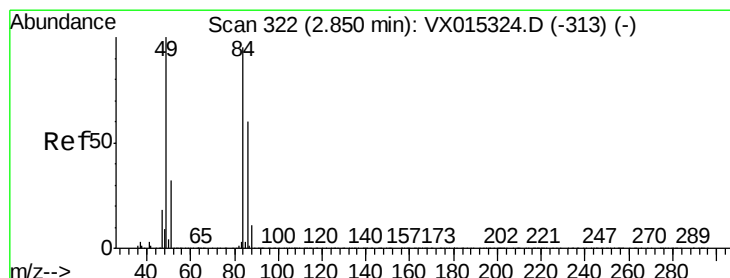
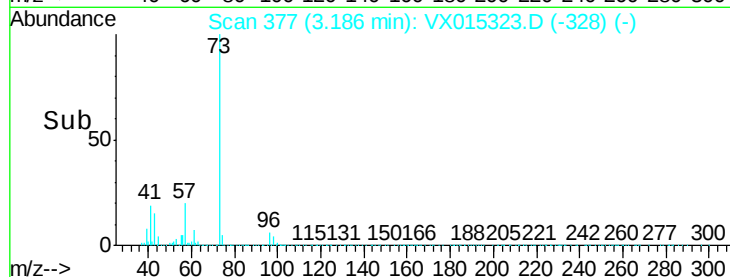
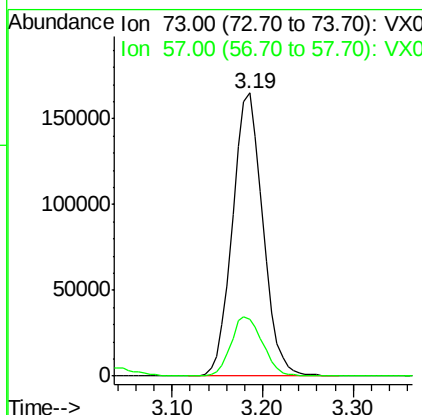
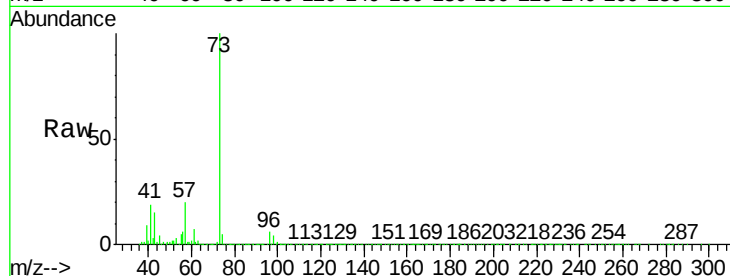




#19
Methyl tert-butyl Ether
Concen: 21.32 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

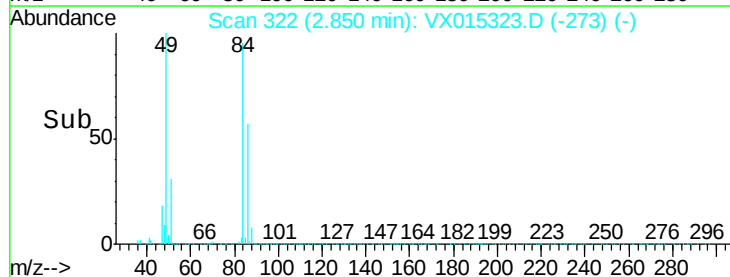
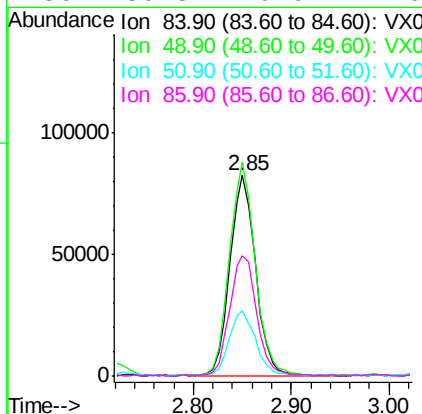
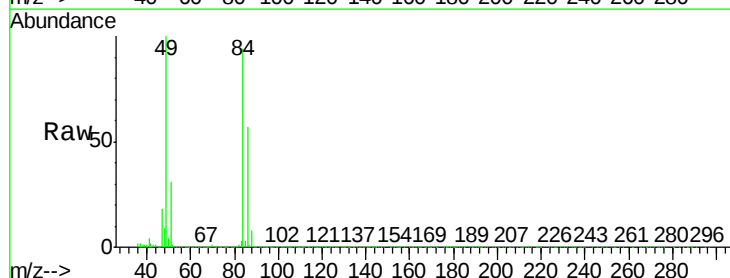
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

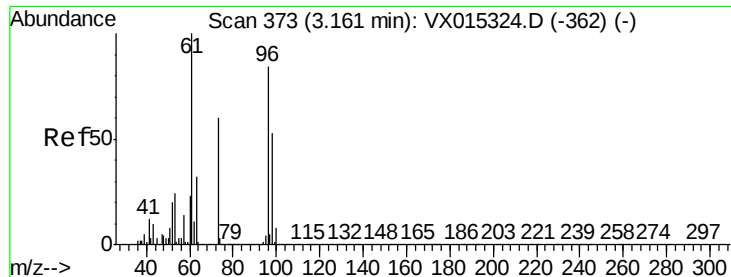
Tgt Ion: 73 Resp: 382319
Ion Ratio Lower Upper
73 100
57 19.9 16.8 25.2



#20
Methylene Chloride
Concen: 22.43 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

Tgt Ion: 84 Resp: 150668
Ion Ratio Lower Upper
84 100
49 106.1 84.0 126.0
51 32.3 27.0 40.6
86 59.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 22.74 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

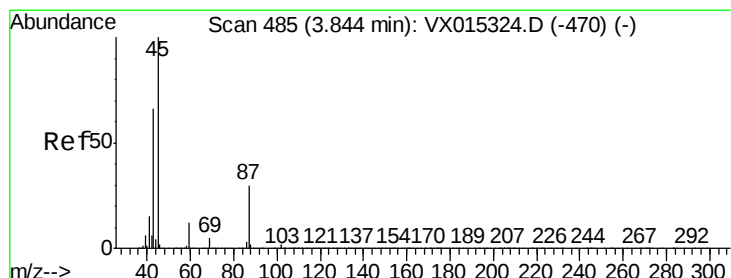
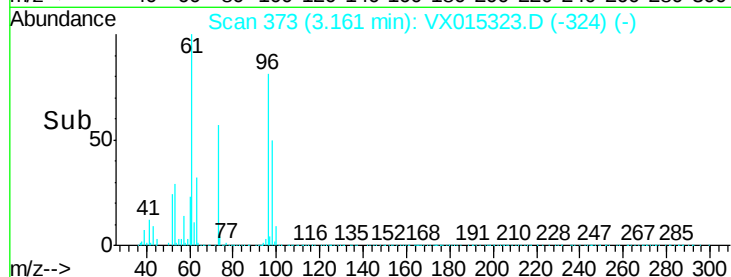
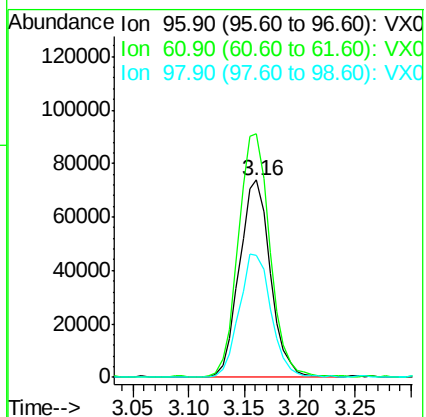
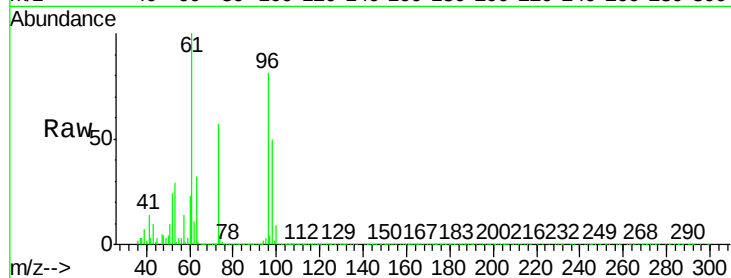
Tgt Ion: 96 Resp: 142177

Ion Ratio Lower Upper

96 100

61 123.3 95.5 143.3

98 61.6 50.2 75.2



#22

Diisopropyl ether

Concen: 20.40 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

Tgt Ion: 45 Resp: 401210

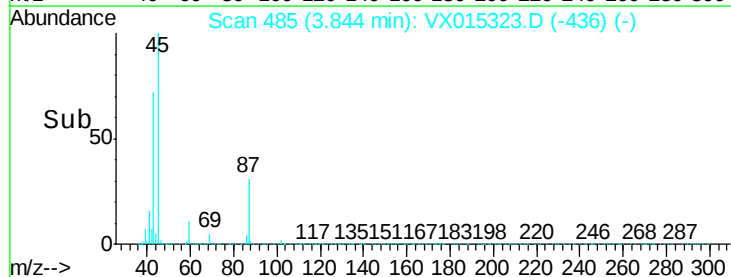
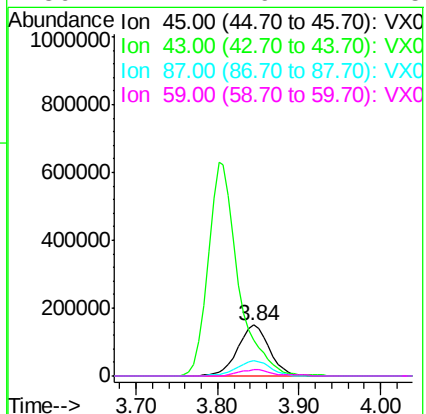
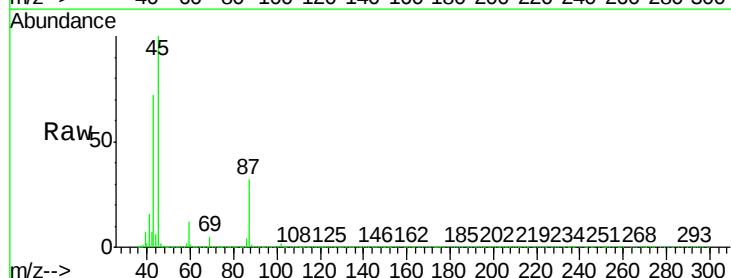
Ion Ratio Lower Upper

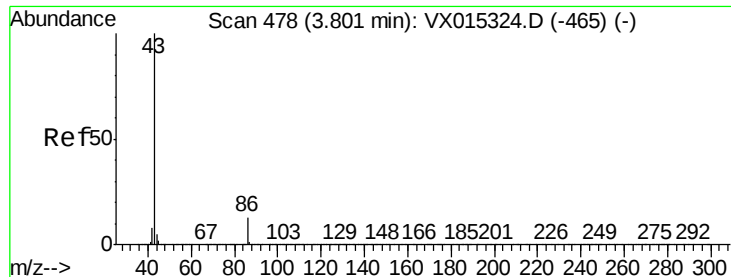
45 100

43 71.0 52.8 79.2

87 31.4 24.3 36.5

59 11.4 9.7 14.5





#23

Vinyl Acetate

Concen: 100.60 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

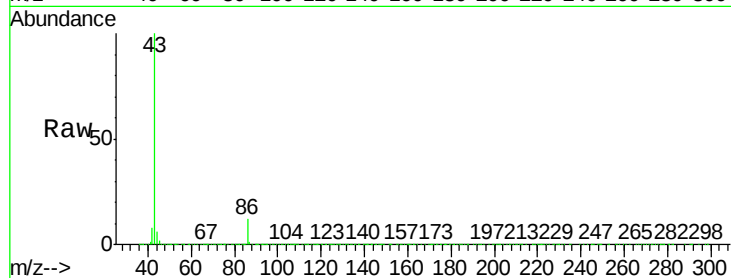
VSTDIC020

Tgt Ion: 43 Resp: 1618091

Ion Ratio Lower Upper

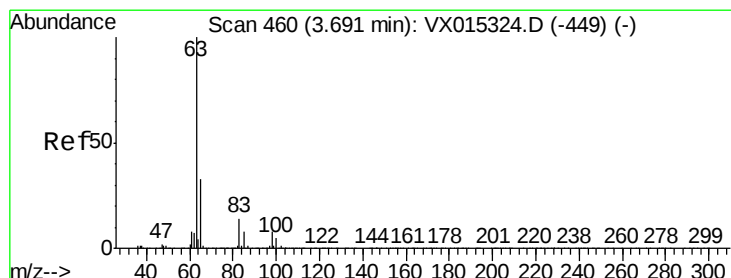
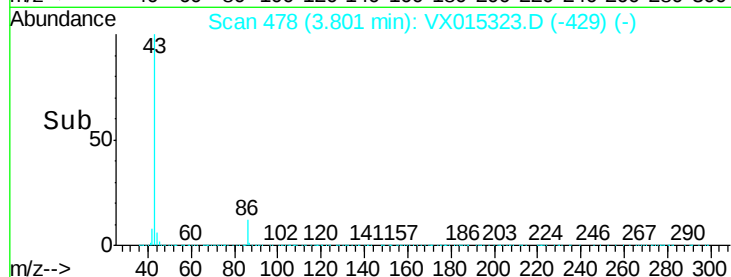
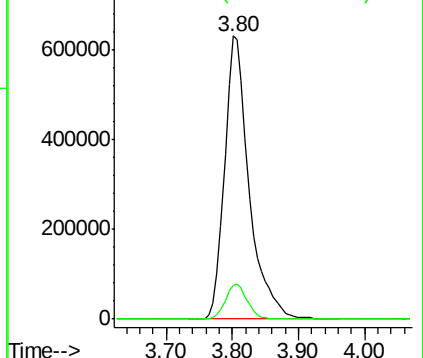
43 100

86 11.9 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.86 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

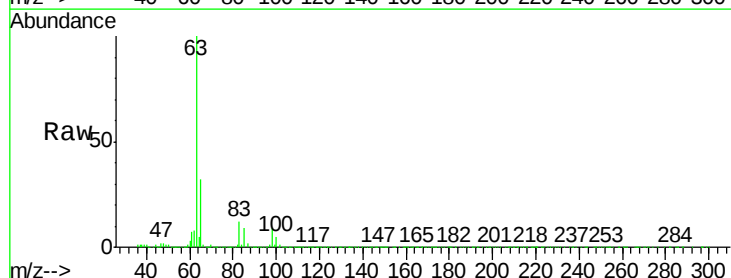
Tgt Ion: 63 Resp: 230135

Ion Ratio Lower Upper

63 100

98 8.4 3.9 11.7

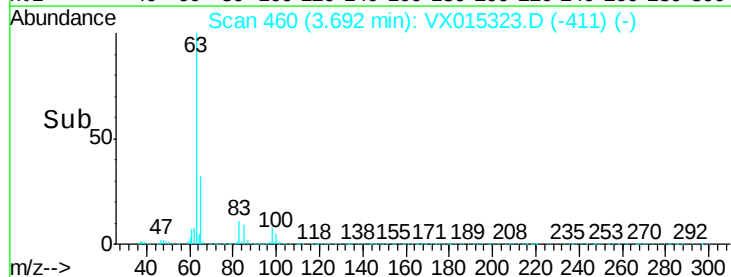
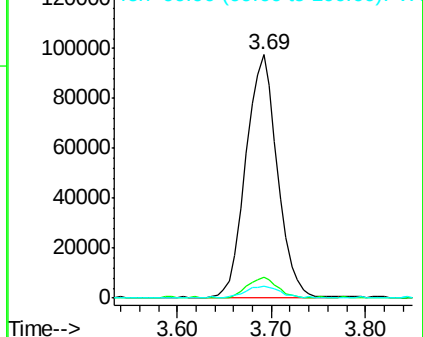
100 5.0 2.4 7.2

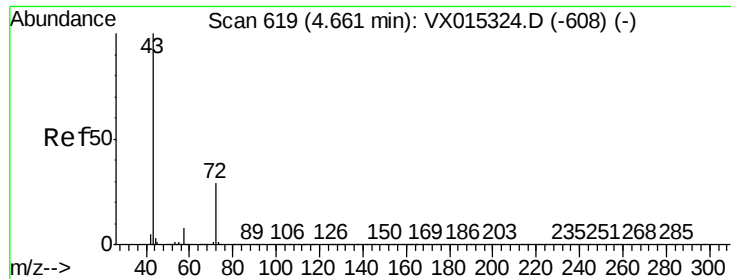


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 102.97 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

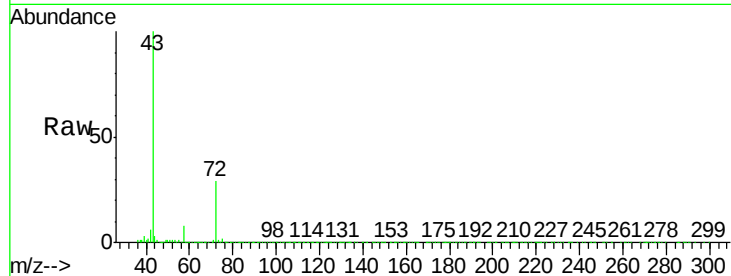
VSTDIC020

Tgt Ion: 43 Resp: 418705

Ion Ratio Lower Upper

43 100

72 28.3 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

100000

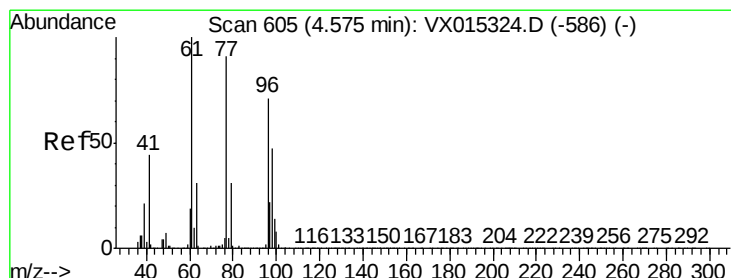
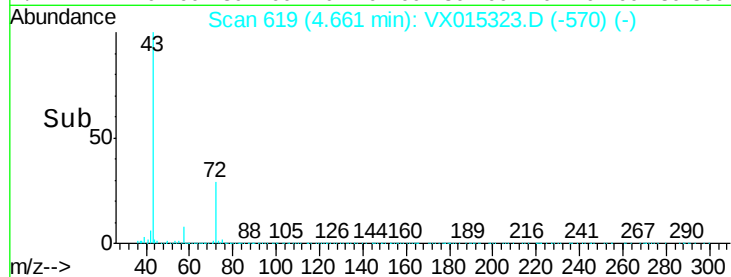
50000

0

4.66

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 20.57 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX015323.D

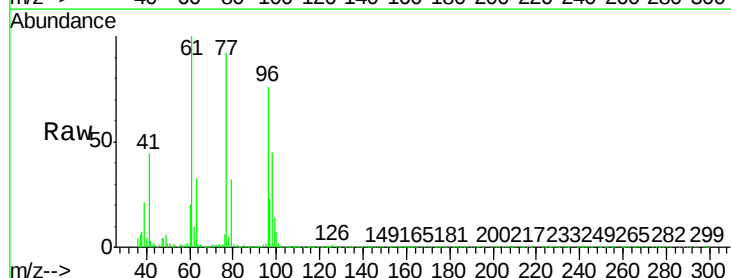
Acq: 18 Mar 2020 13:24

Tgt Ion: 77 Resp: 178694

Ion Ratio Lower Upper

77 100

97 24.5 13.0 38.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

40000

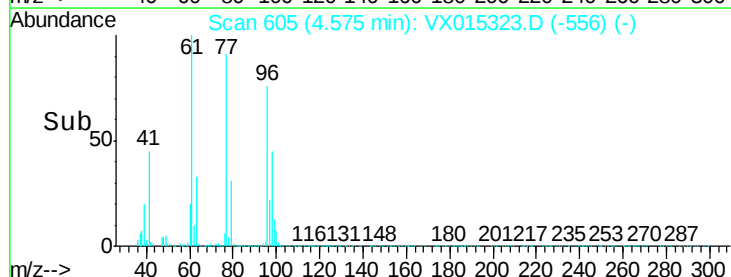
20000

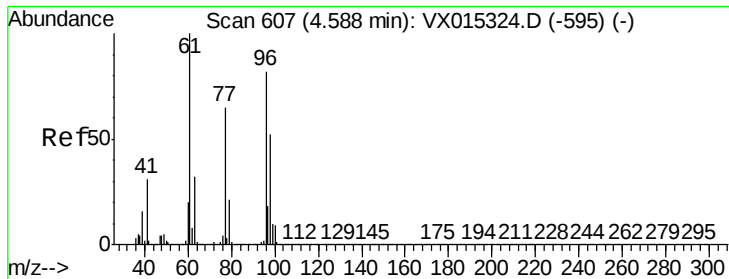
0

4.58

4.40 4.50 4.60 4.70

Time-->



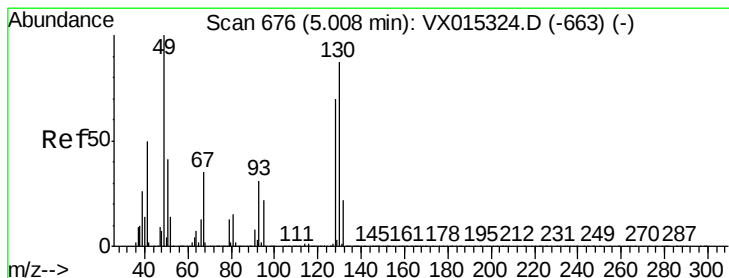
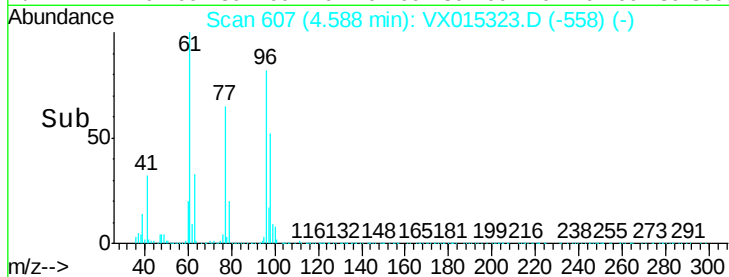
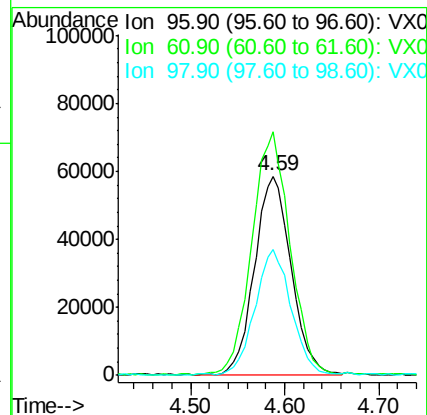
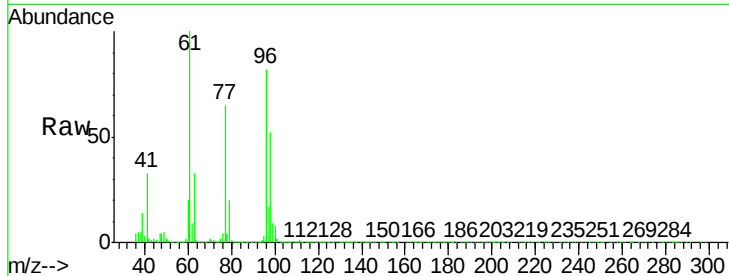


#27

cis-1,2-Dichloroethene
Concen: 22.94 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

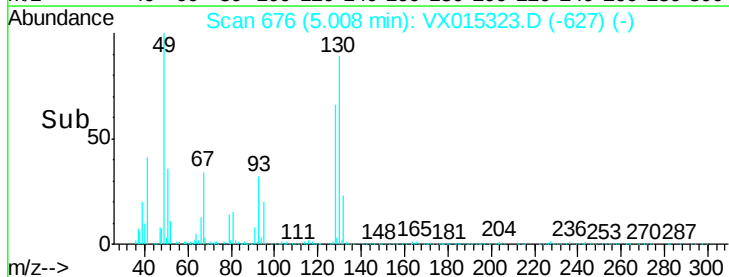
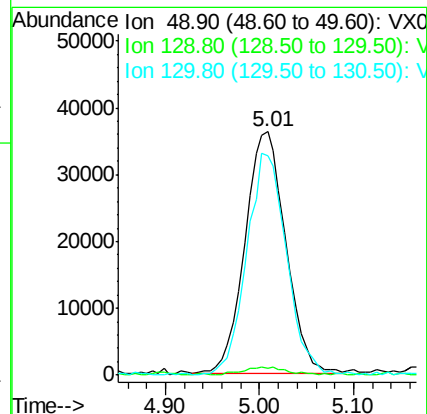
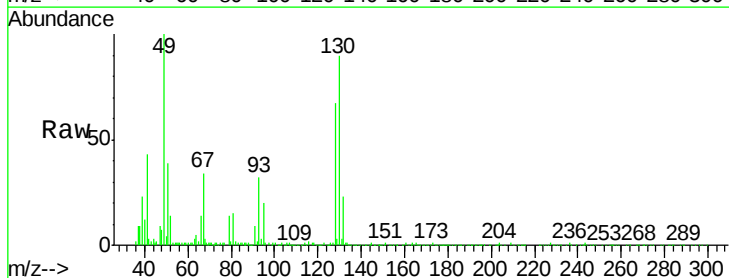
Tgt Ion: 96 Resp: 159118
Ion Ratio Lower Upper
96 100
61 126.8 0.0 255.8
98 61.5 0.0 128.8

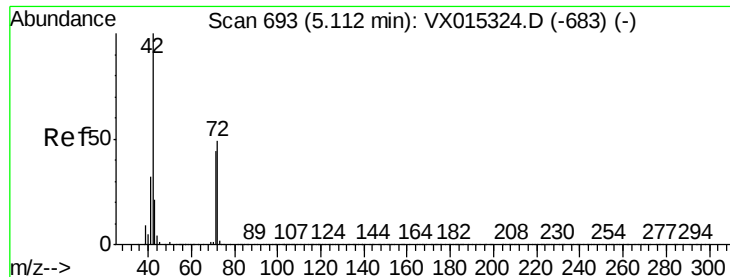


#28

Bromochloromethane
Concen: 22.32 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

Tgt Ion: 49 Resp: 110069
Ion Ratio Lower Upper
49 100
129 3.7 0.0 5.4
130 89.9 69.9 104.9

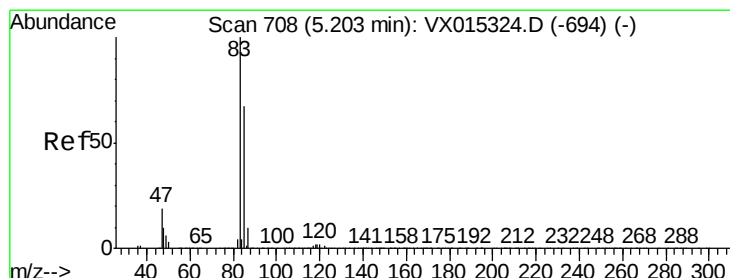
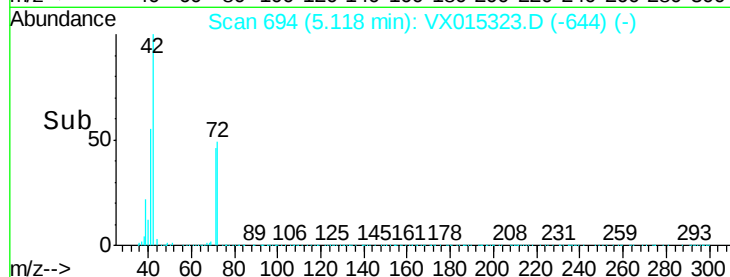
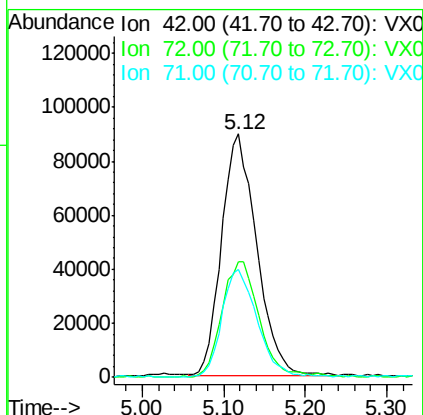
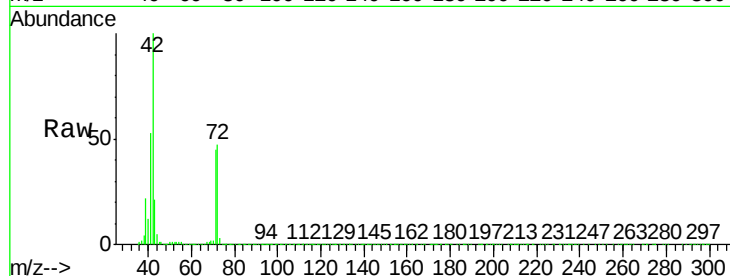




#29
Tetrahydrofuran
Concen: 100.95 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

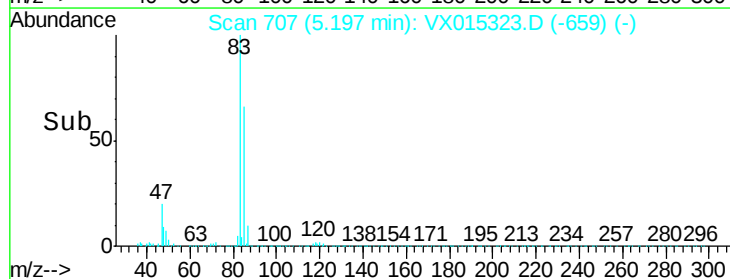
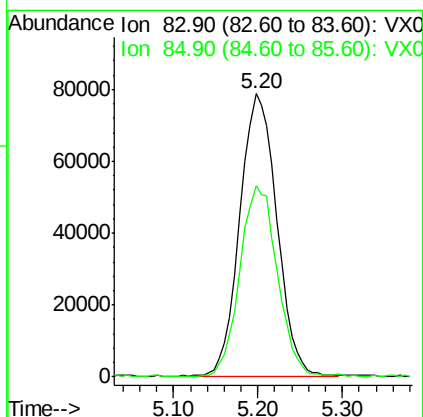
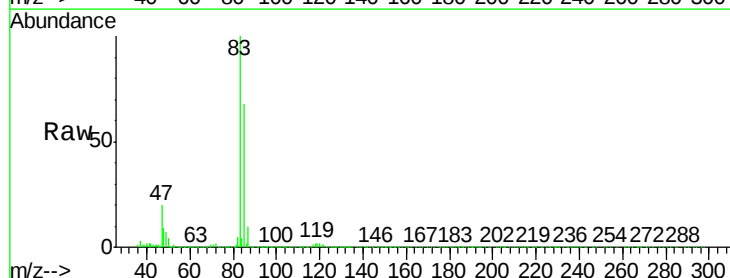
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

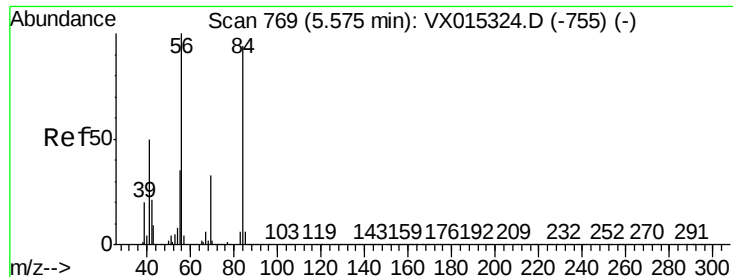
Tgt Ion: 42 Resp: 267214
Ion Ratio Lower Upper
42 100
72 49.5 39.6 59.4
71 44.8 36.5 54.7



#30
Chloroform
Concen: 21.73 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

Tgt Ion: 83 Resp: 235008
Ion Ratio Lower Upper
83 100
85 67.8 53.8 80.6

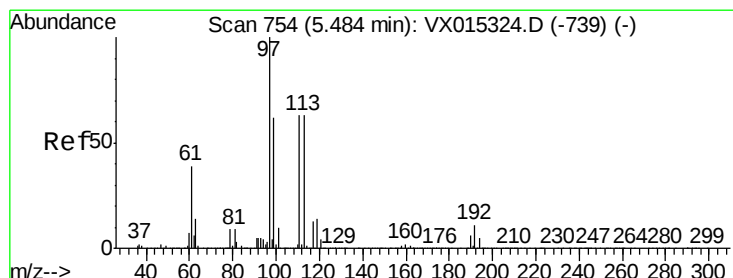
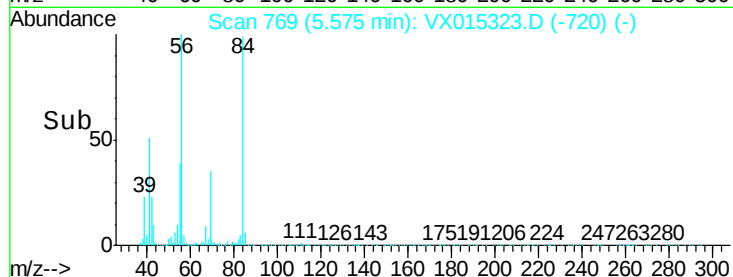
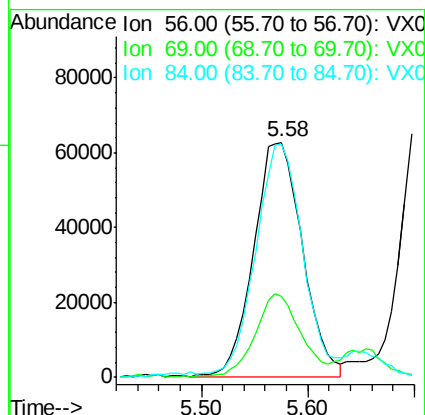
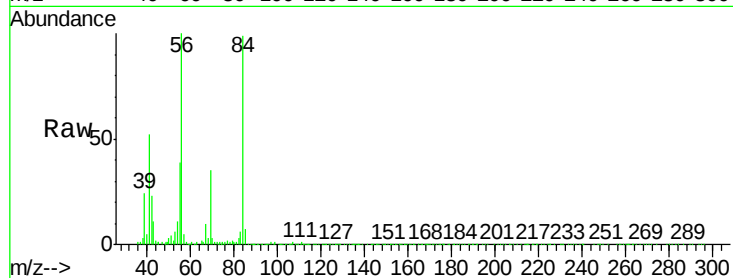




#31
Cyclohexane
Concen: 20.23 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

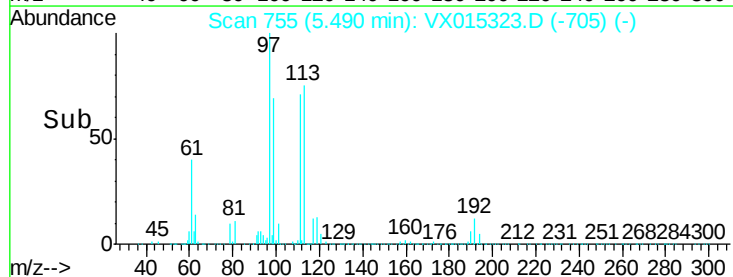
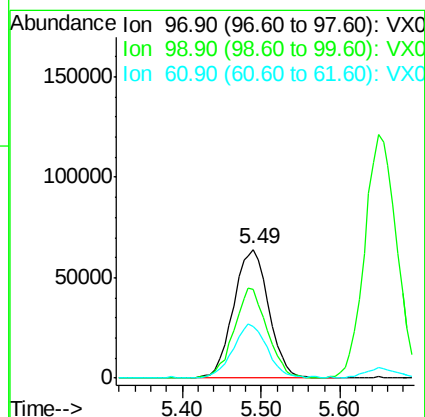
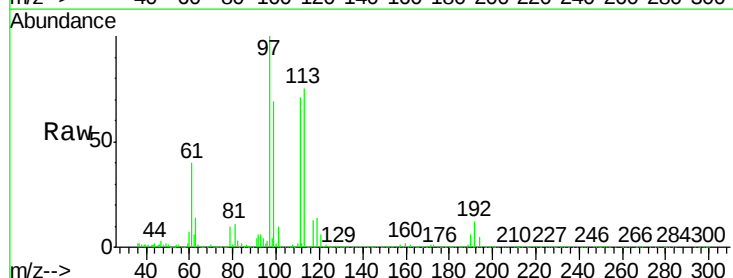
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

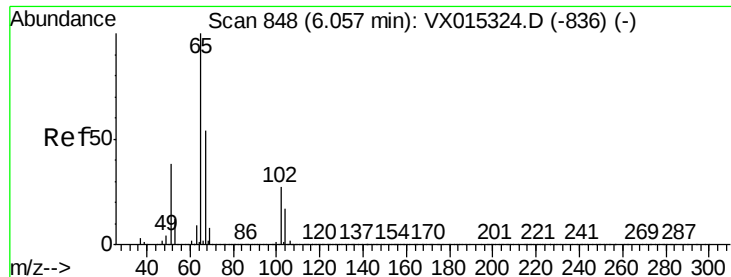
Tgt Ion: 56 Resp: 199454
Ion Ratio Lower Upper
56 100
69 34.4 26.2 39.4
84 97.1 75.2 112.8



#32
1,1,1-Trichloroethane
Concen: 21.85 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

Tgt Ion: 97 Resp: 196910
Ion Ratio Lower Upper
97 100
99 66.2 51.4 77.0
61 41.8 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 20.52 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.00 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

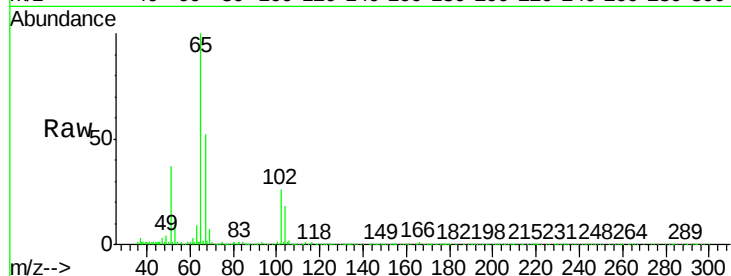
VSTDIC020

Tgt Ion: 65 Resp: 140623

Ion Ratio Lower Upper

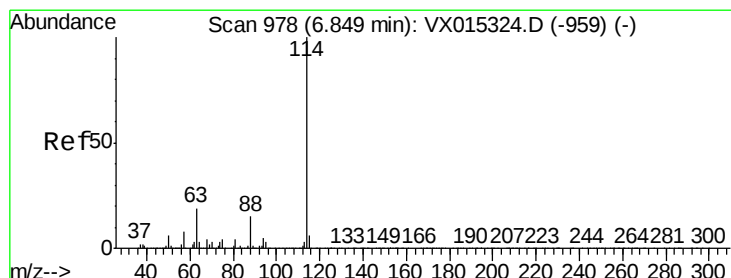
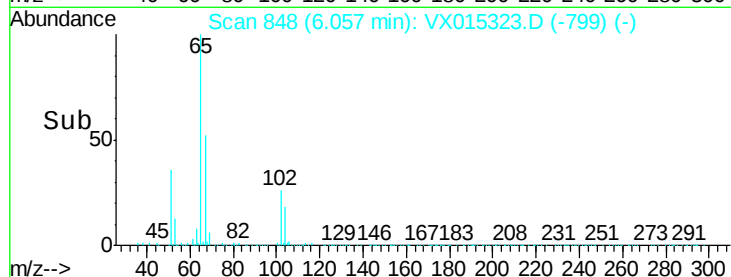
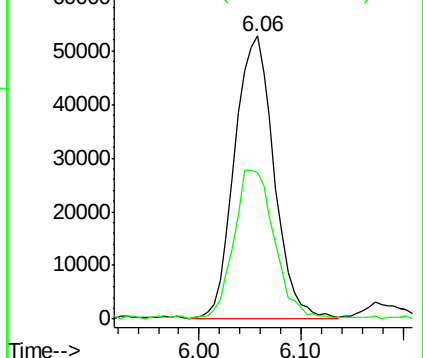
65 100

67 53.8 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

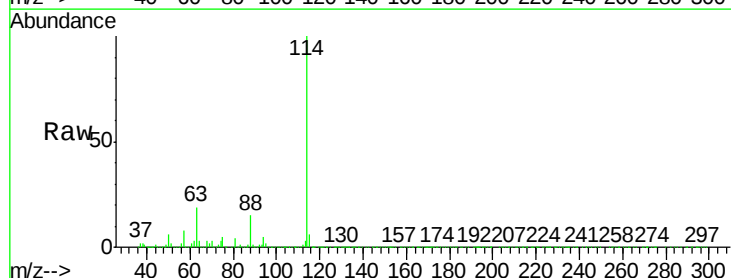
Tgt Ion: 114 Resp: 969203

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.4

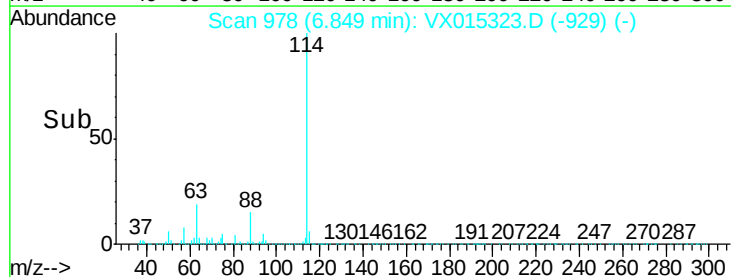
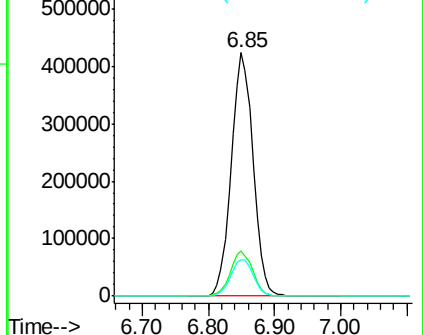
88 14.6 0.0 30.0

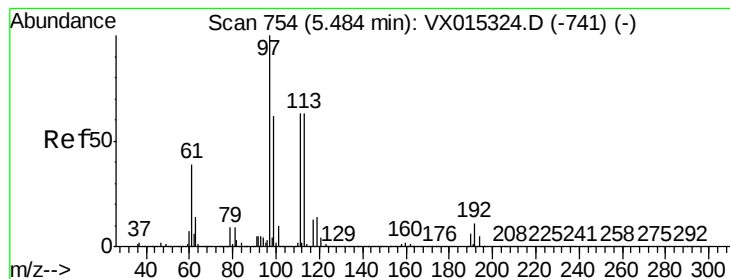


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 21.49 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

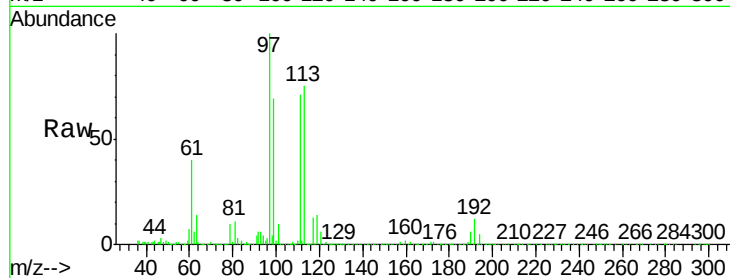
Tgt Ion: 113 Resp: 132075

Ion Ratio Lower Upper

113 100

111 98.1 82.5 123.7

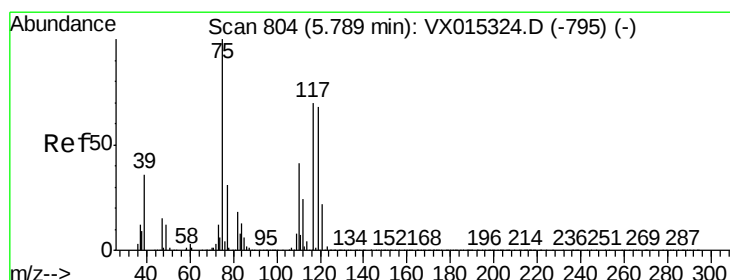
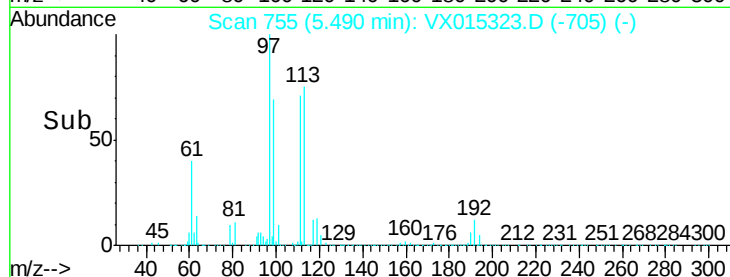
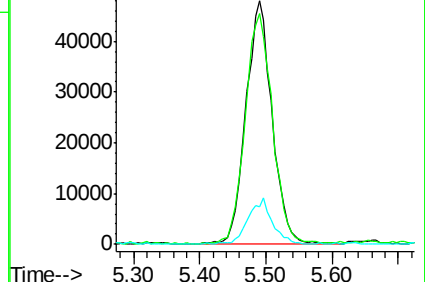
192 17.6 14.2 21.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.49 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

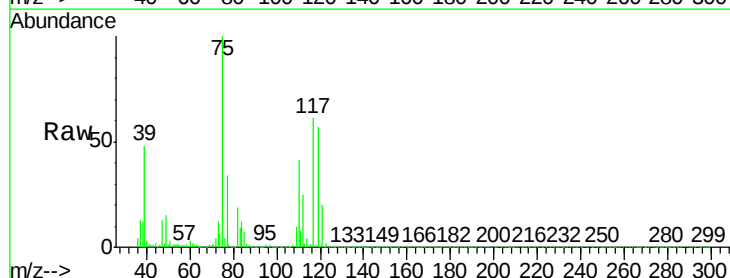
Tgt Ion: 75 Resp: 175382

Ion Ratio Lower Upper

75 100

110 39.9 19.4 58.4

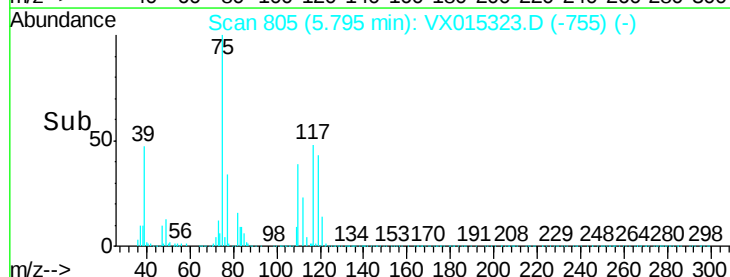
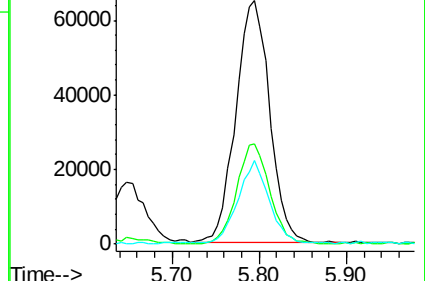
77 30.8 24.6 37.0

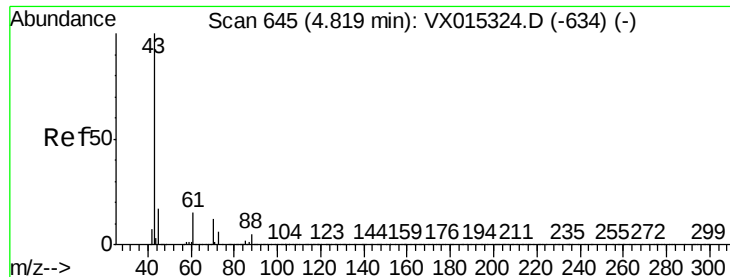


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

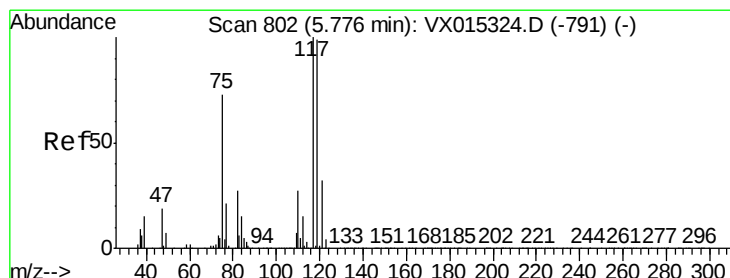
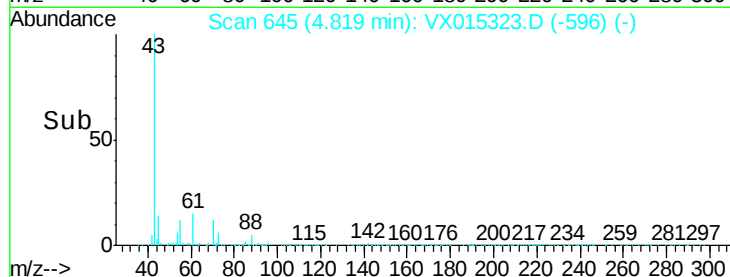
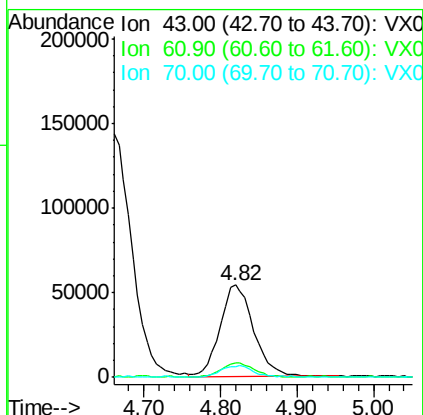
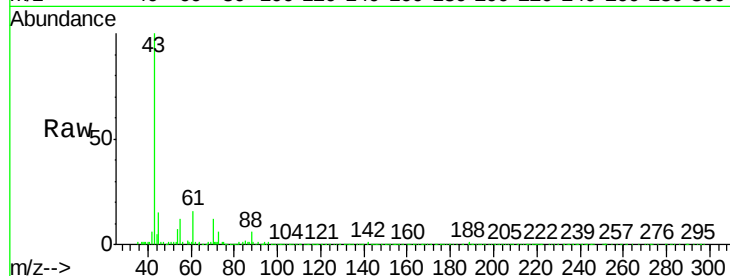




#37
Ethyl Acetate
Concen: 20.01 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

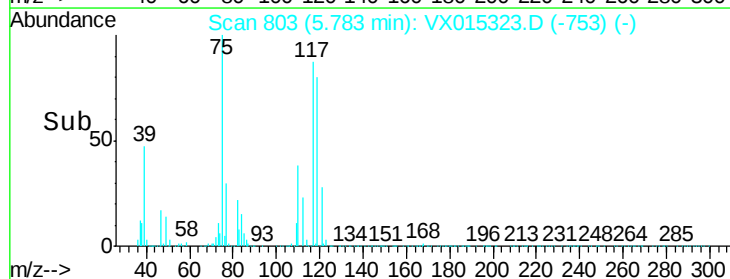
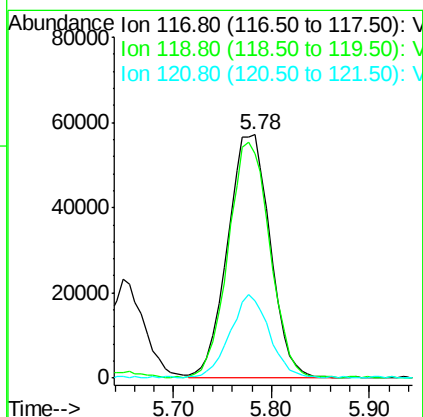
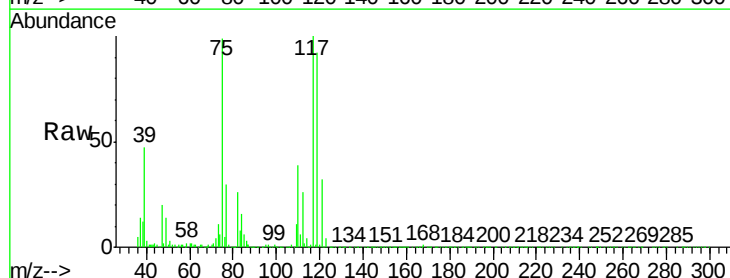
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

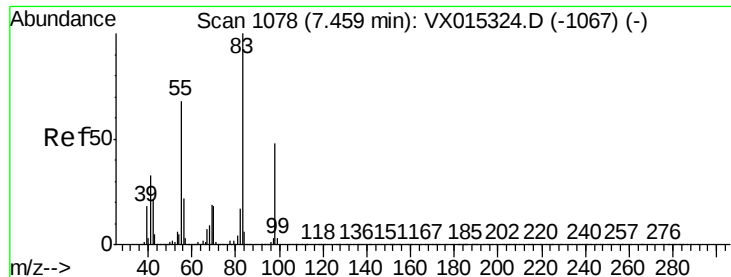
Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.2	18.2
70	11.3	9.8	14.6



#38
Carbon Tetrachloride
Concen: 20.18 ug/l
RT: 5.78 min Scan# 803
Delta R.T. 0.01 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.0	79.3	118.9
121	31.2	25.4	38.0

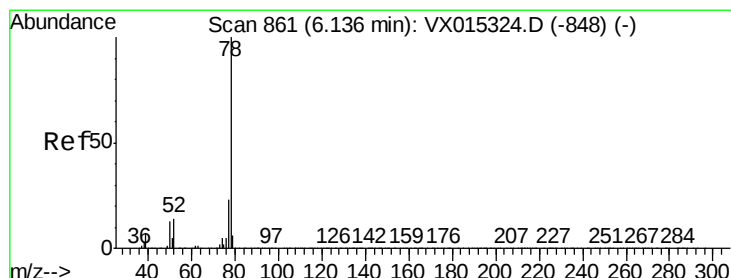
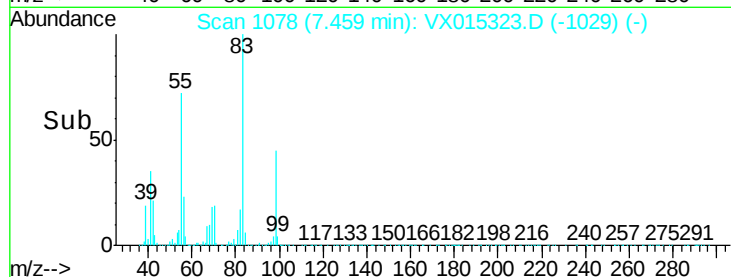
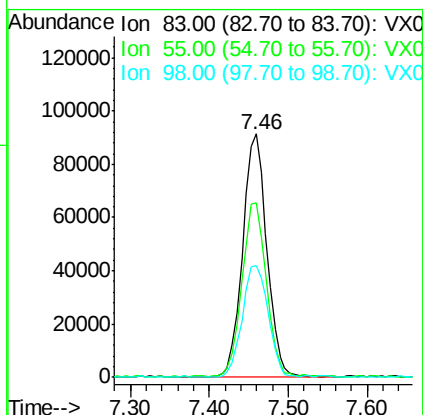
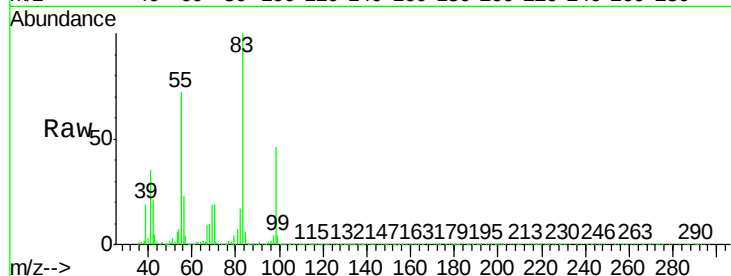




#39
Methylcyclohexane
Concen: 18.34 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

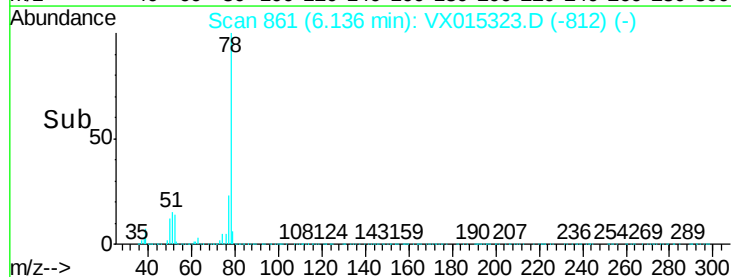
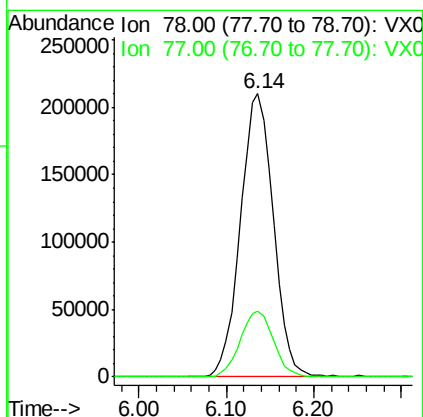
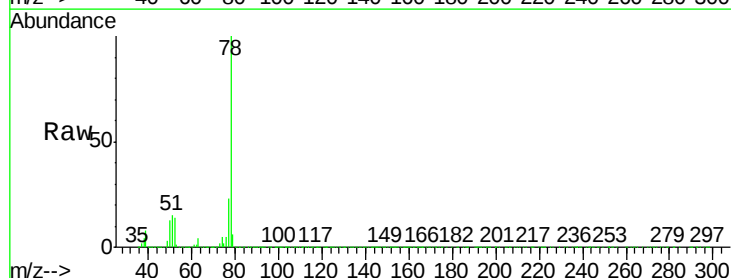
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

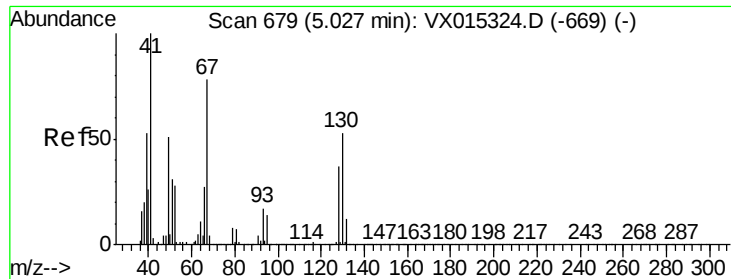
Tgt Ion	Ratio	Lower	Upper
83	100		
55	71.8	54.8	82.2
98	45.6	38.8	58.2



#40
Benzene
Concen: 20.47 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.2	27.4

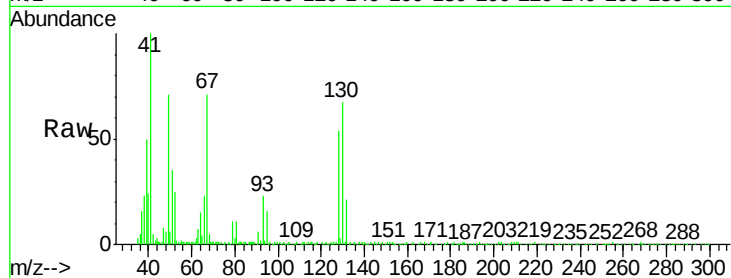




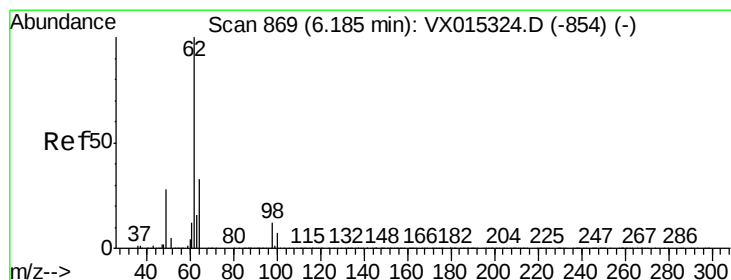
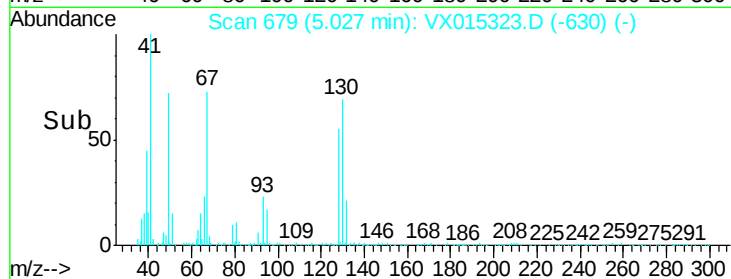
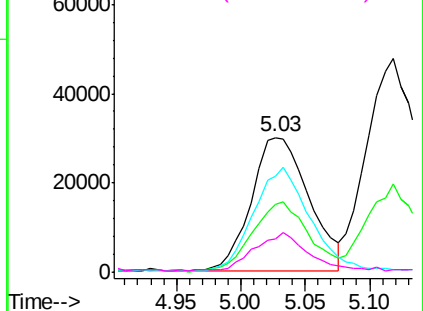
#41
Methacrylonitrile
Concen: 18.80 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:	41	Resp:	92334
Ion	Ratio	Lower	Upper
41	100		
39	52.3	43.0	64.6
67	77.3	66.0	99.0
52	27.8	24.6	36.8

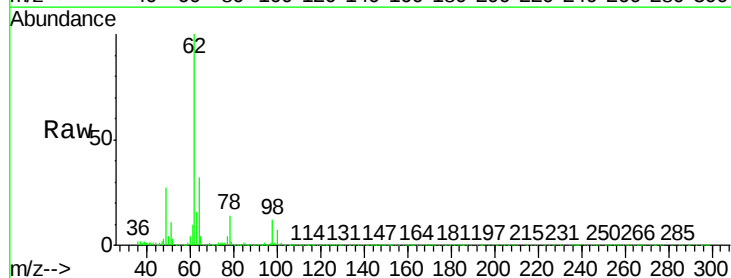


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

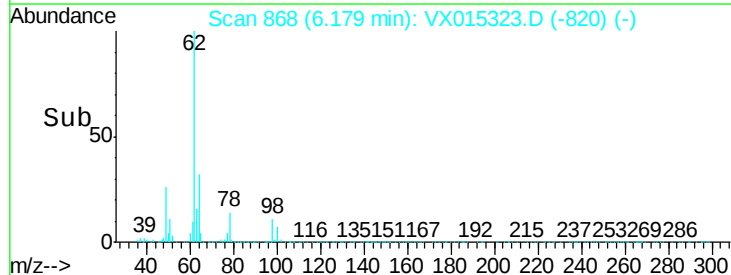
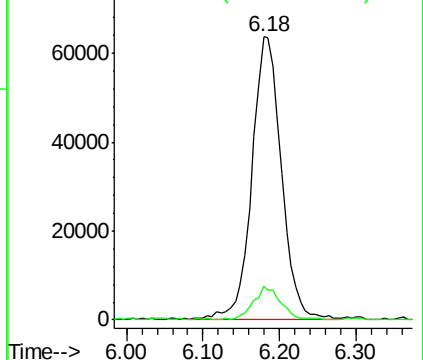


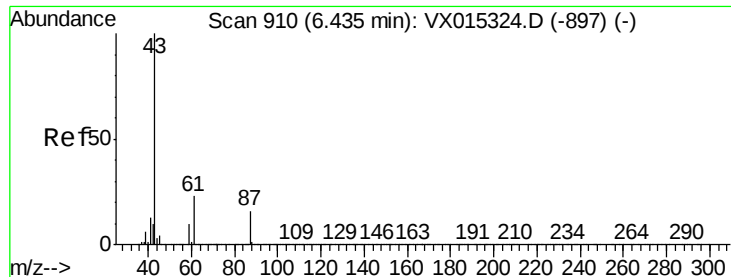
#42
1,2-Dichloroethane
Concen: 18.79 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

Tgt Ion:	62	Resp:	169184
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	22.6



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





#43

Isopropyl Acetate

Concen: 17.32 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

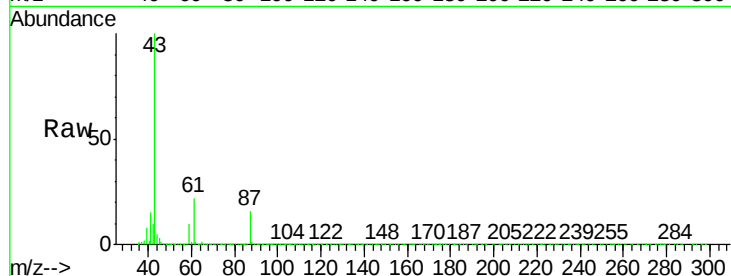
Tgt Ion: 43 Resp: 248144

Ion Ratio Lower Upper

43 100

61 22.8 18.2 27.2

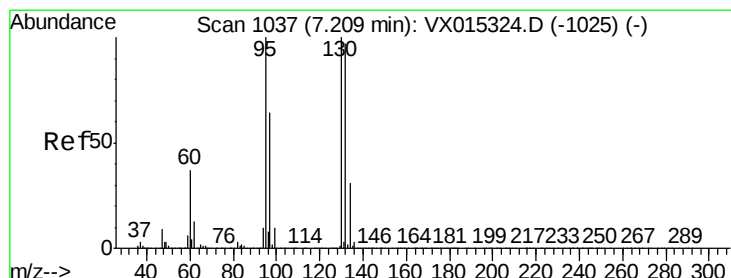
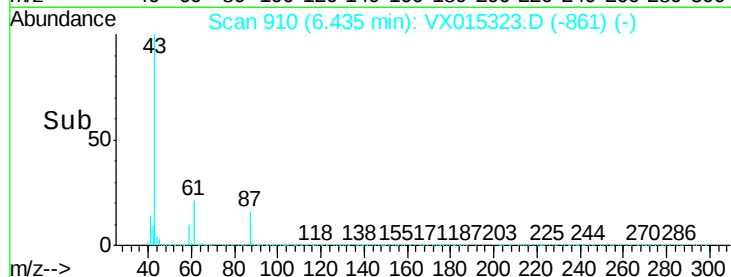
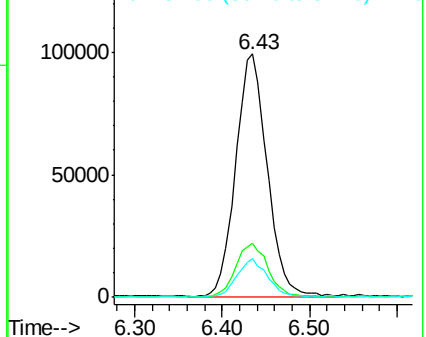
87 15.5 12.3 18.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.10 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015323.D

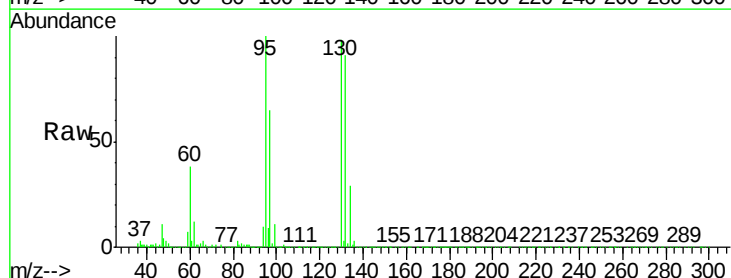
Acq: 18 Mar 2020 13:24

Tgt Ion: 130 Resp: 141438

Ion Ratio Lower Upper

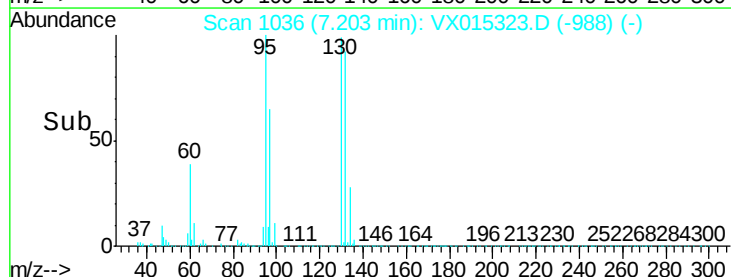
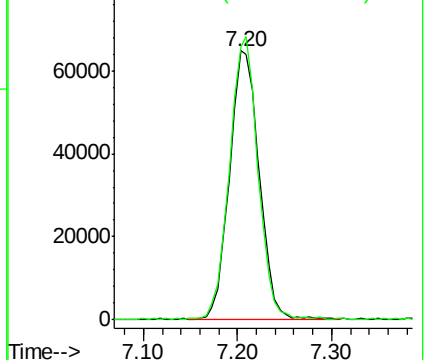
130 100

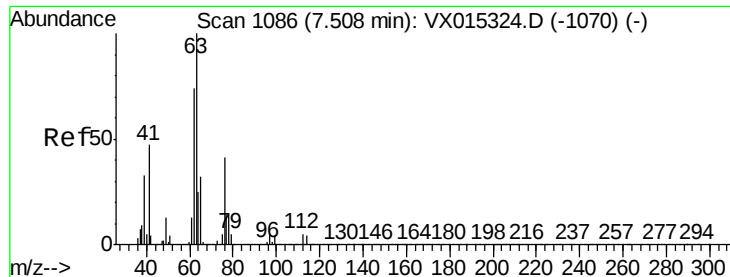
95 101.2 0.0 200.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

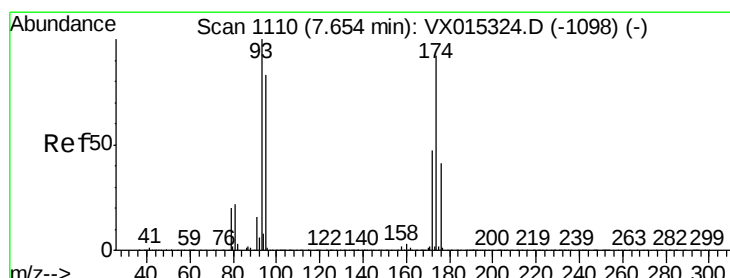
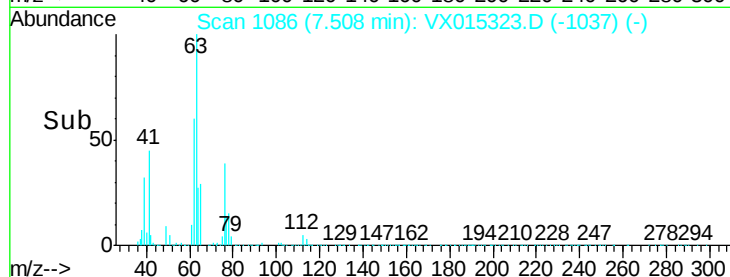
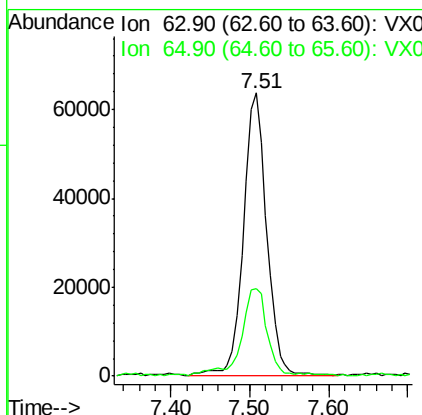
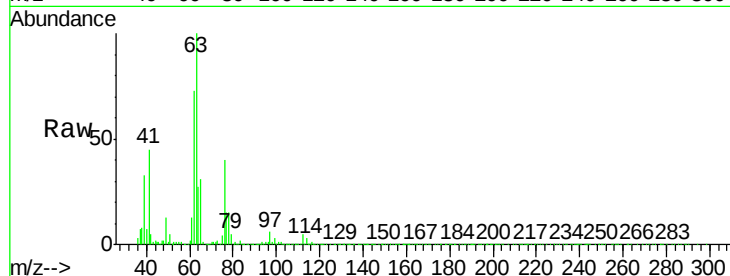




#45
 1,2-Dichloropropane
 Concen: 19.15 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX015323.D
 Acq: 18 Mar 2020 13:24

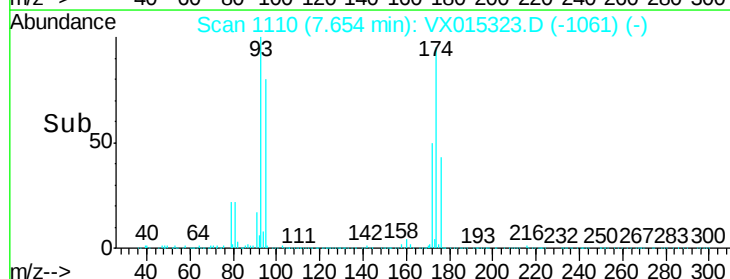
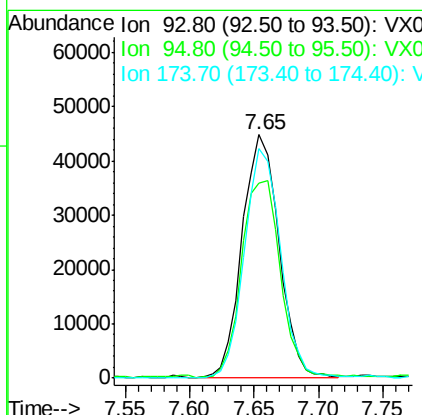
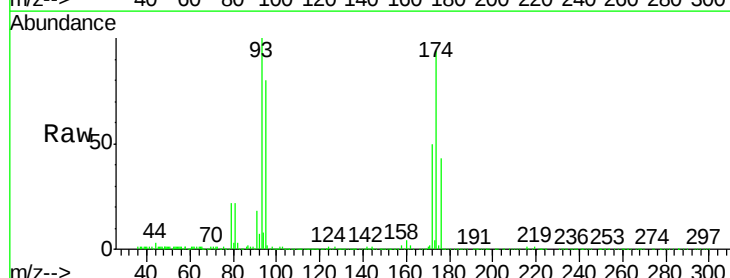
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

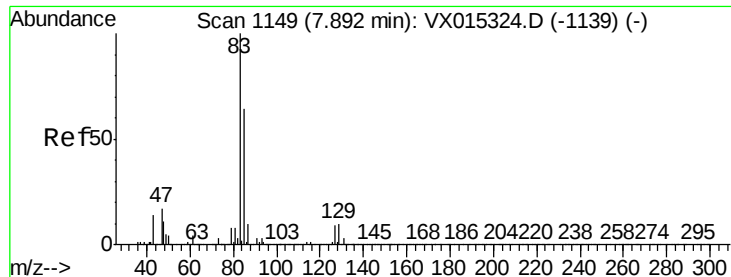
Tgt Ion: 63 Resp: 131612
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.1 37.7



#46
 Dibromomethane
 Concen: 19.66 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015323.D
 Acq: 18 Mar 2020 13:24

Tgt Ion: 93 Resp: 88778
 Ion Ratio Lower Upper
 93 100
 95 85.2 66.3 99.5
 174 92.4 74.2 111.2





#47

Bromodichloromethane

Concen: 17.73 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

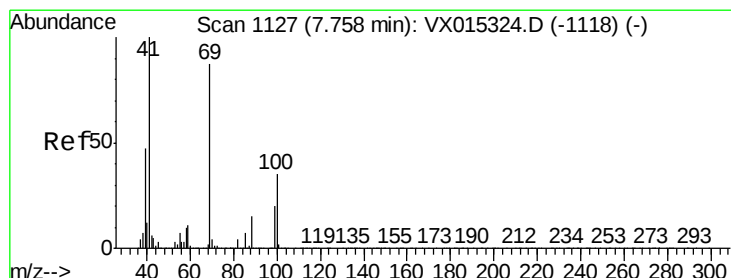
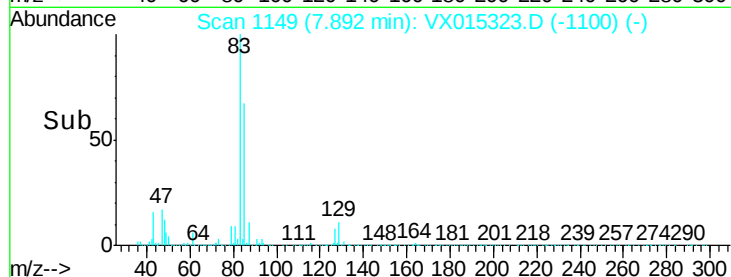
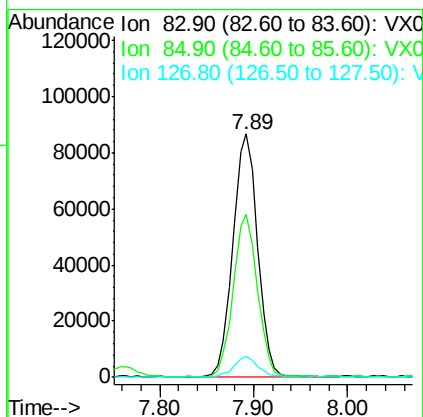
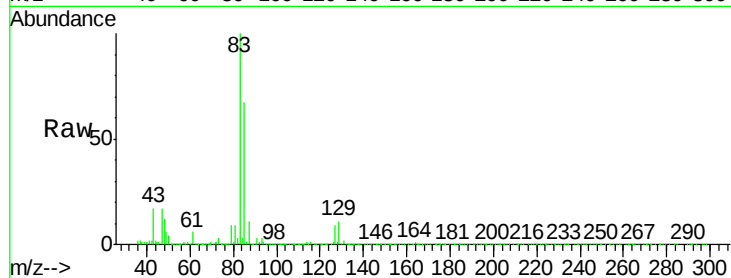
Tgt Ion: 83 Resp: 157568

Ion Ratio Lower Upper

83 100

85 66.5 51.0 76.6

127 8.4 7.2 10.8



#48

Methyl methacrylate

Concen: 14.81 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.01 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

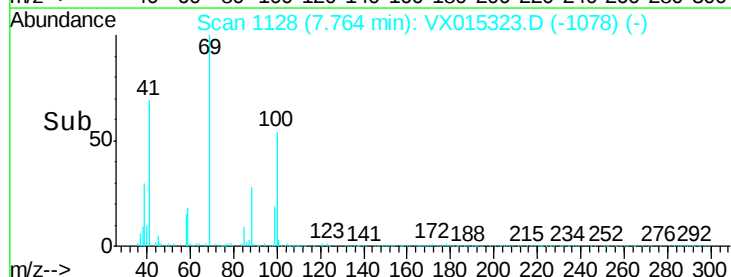
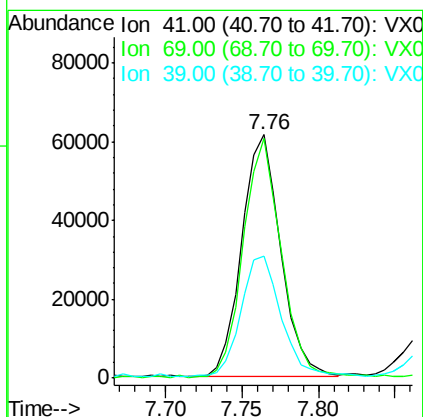
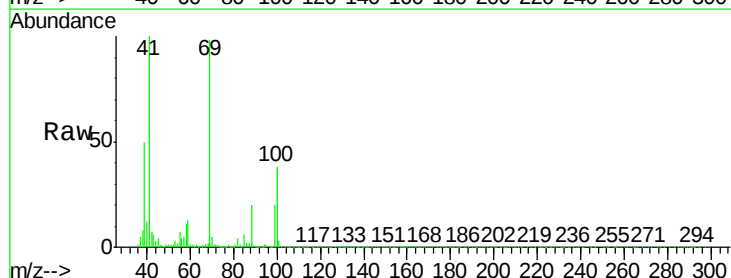
Tgt Ion: 41 Resp: 108124

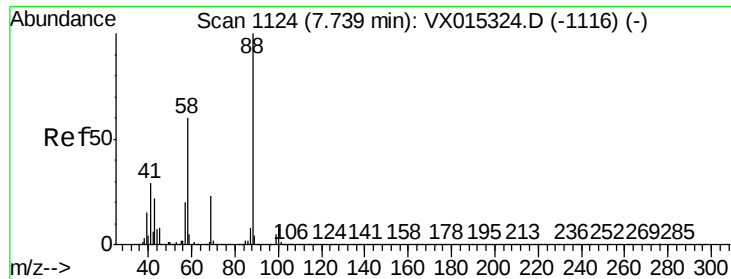
Ion Ratio Lower Upper

41 100

69 96.6 74.4 111.6

39 51.6 39.2 58.8





#49

1,4-Dioxane

Concen: 363.32 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.01 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

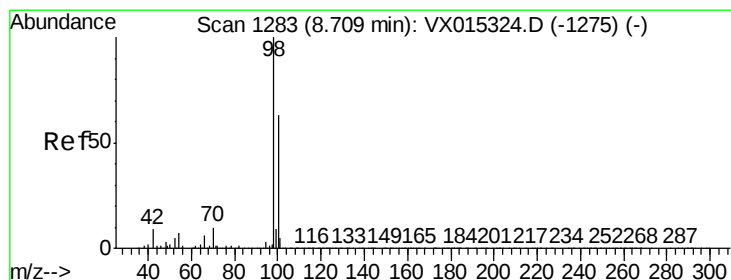
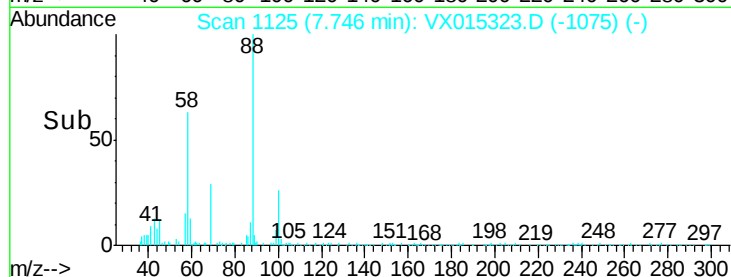
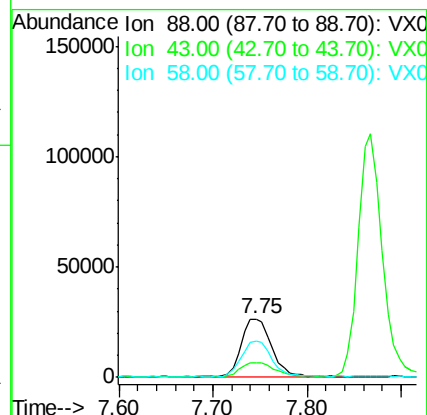
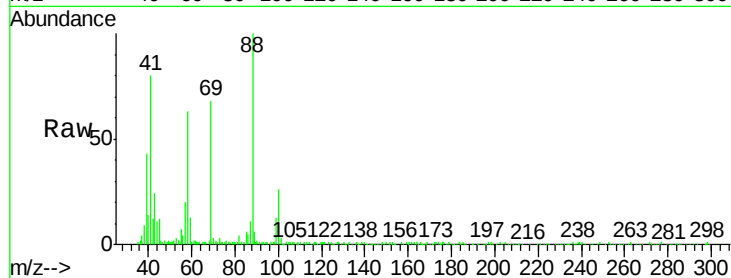
Tgt Ion: 88 Resp: 59332

Ion Ratio Lower Upper

88 100

43 26.4 20.7 31.1

58 60.1 53.9 80.9



#50

Toluene-d8

Concen: 20.94 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015323.D

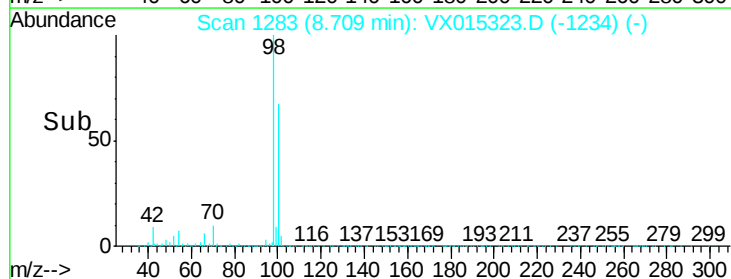
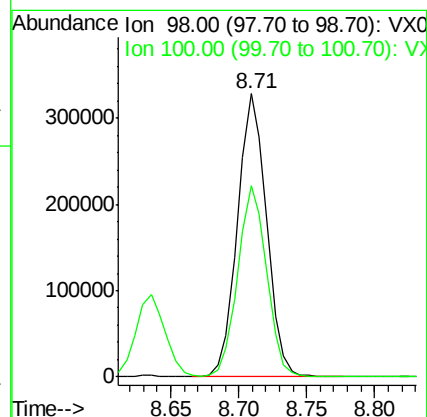
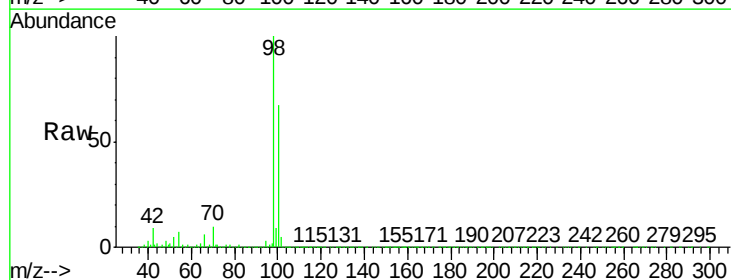
Acq: 18 Mar 2020 13:24

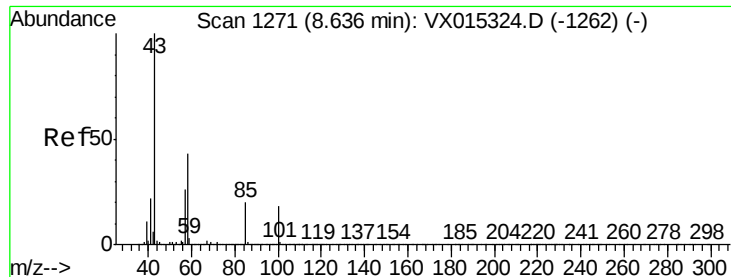
Tgt Ion: 98 Resp: 487798

Ion Ratio Lower Upper

98 100

100 67.0 53.0 79.6

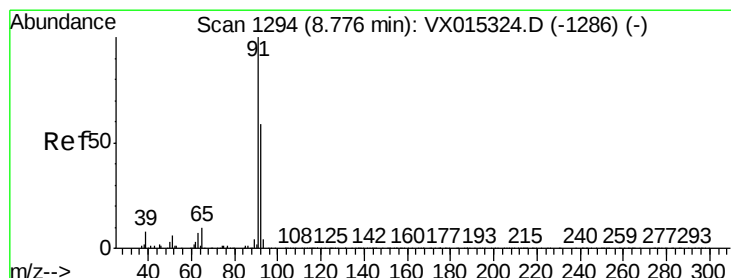
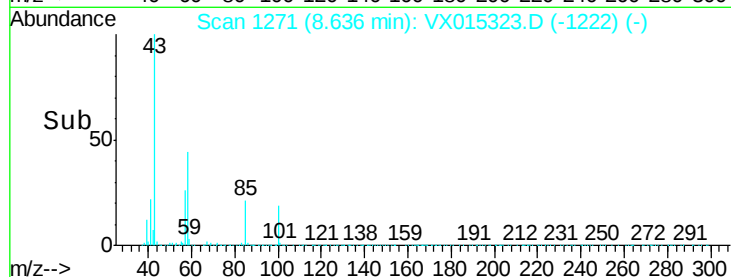
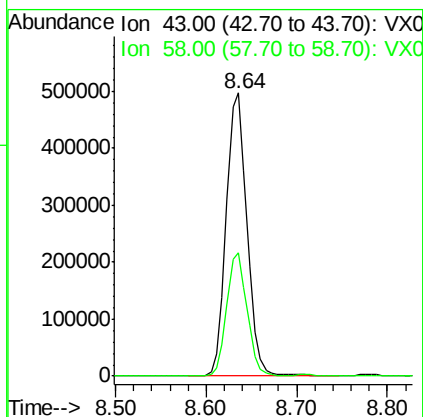
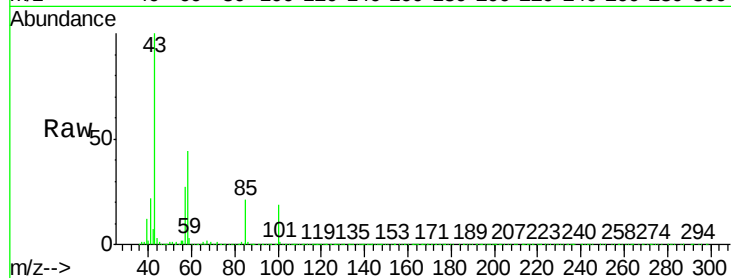




#51
4-Methyl-2-Pentanone
Concen: 93.09 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

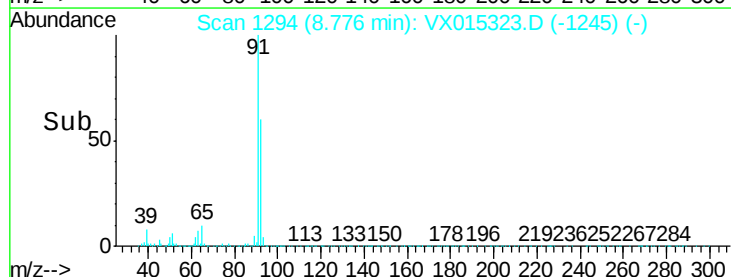
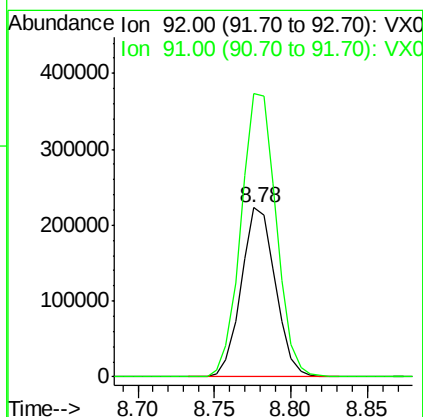
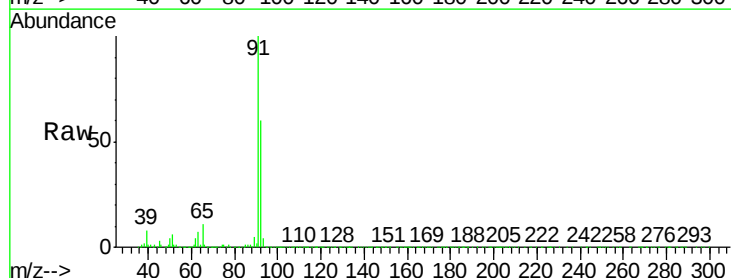
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

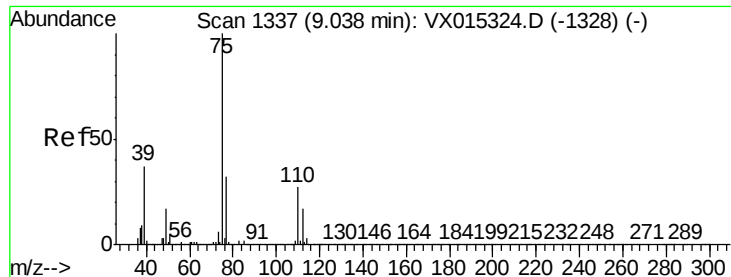
Tgt Ion: 43 Resp: 792086
Ion Ratio Lower Upper
43 100
58 42.7 34.6 51.8



#52
Toluene
Concen: 21.03 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

Tgt Ion: 92 Resp: 344986
Ion Ratio Lower Upper
92 100
91 173.4 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 19.42 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

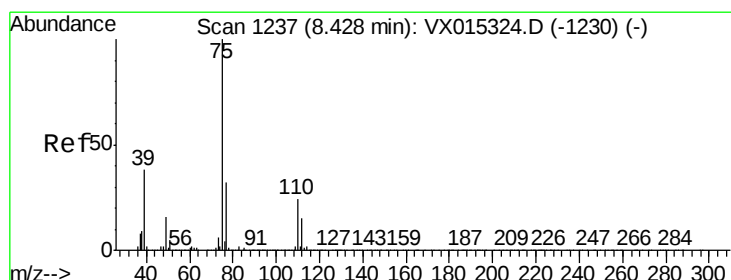
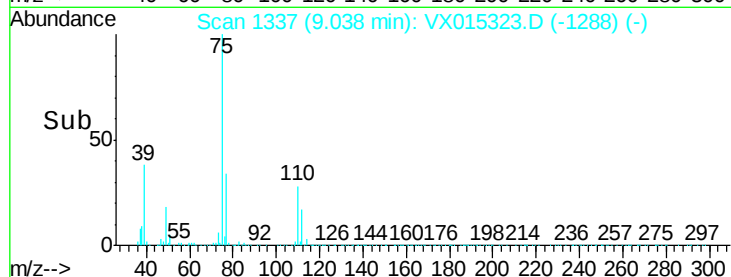
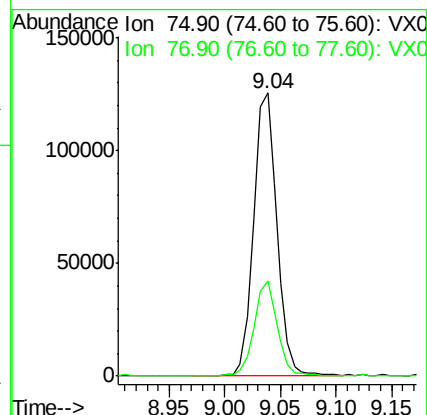
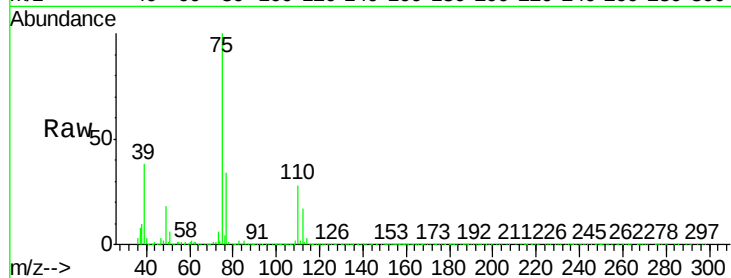
VSTDIC020

Tgt Ion: 75 Resp: 182537

Ion Ratio Lower Upper

75 100

77 33.4 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 18.45 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

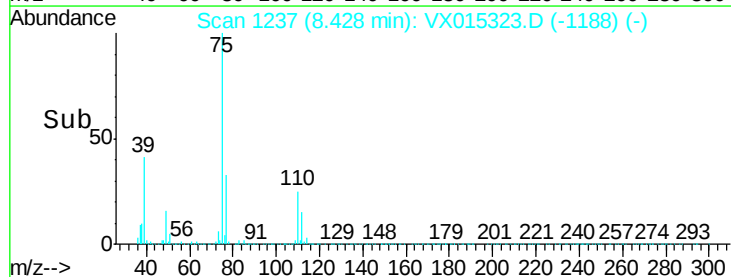
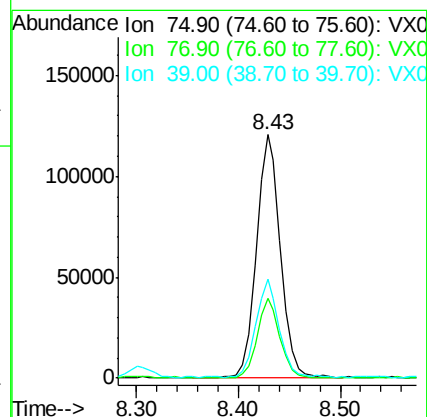
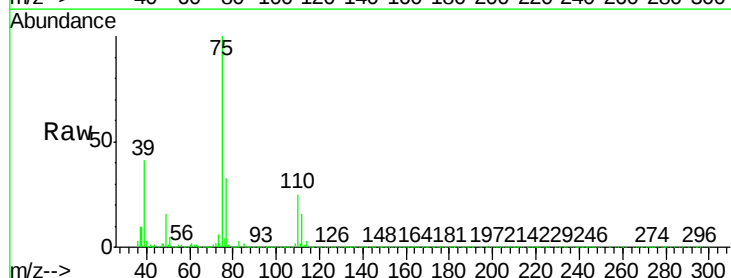
Tgt Ion: 75 Resp: 197355

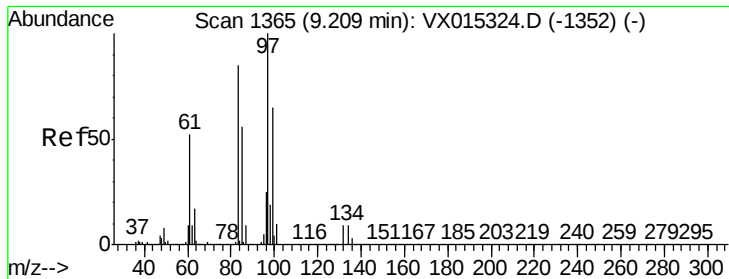
Ion Ratio Lower Upper

75 100

77 32.5 25.7 38.5

39 40.5 30.2 45.2





#55

1,1,2-Trichloroethane

Concen: 20.89 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 141340

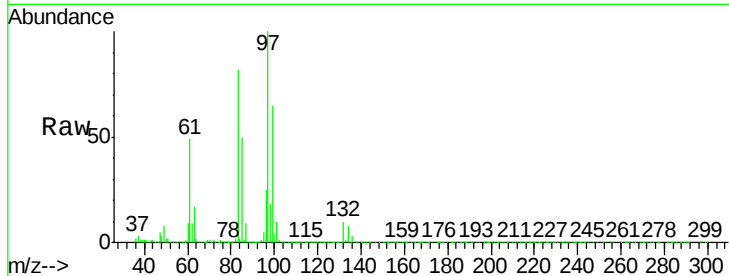
Ion Ratio Lower Upper

97 100

83 82.2 67.7 101.5

85 50.1 44.5 66.7

99 65.0 51.8 77.8

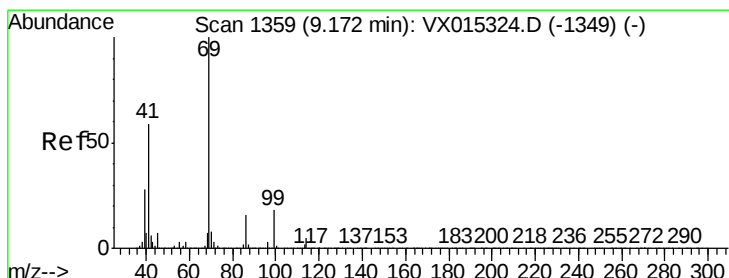
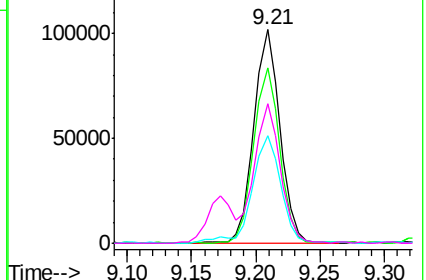
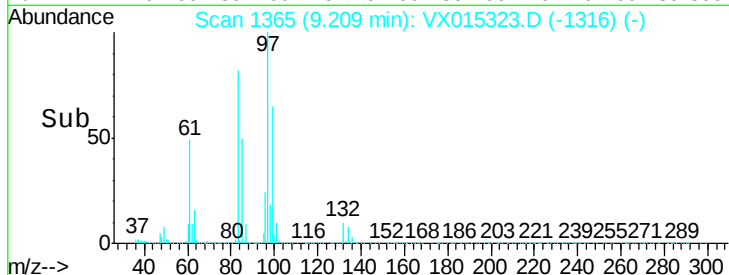


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.25 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

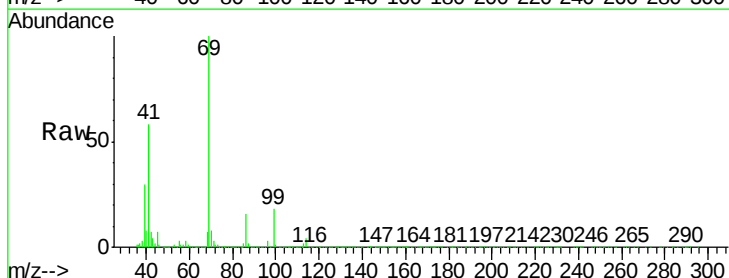
Tgt Ion: 69 Resp: 183663

Ion Ratio Lower Upper

69 100

41 60.6 47.5 71.3

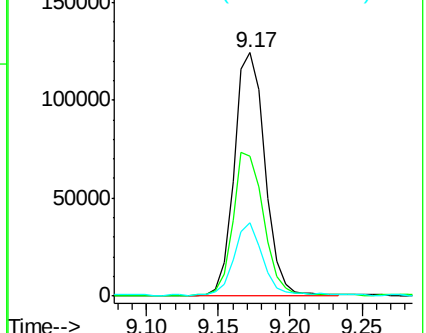
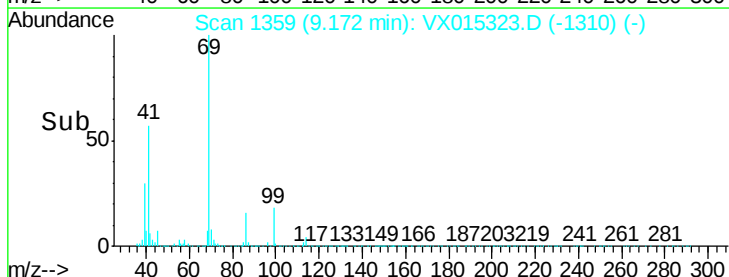
39 30.4 23.0 34.4

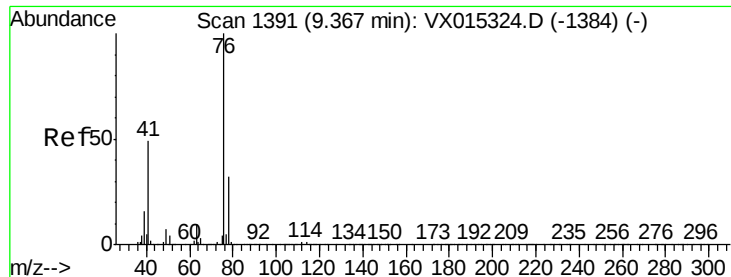


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.01 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

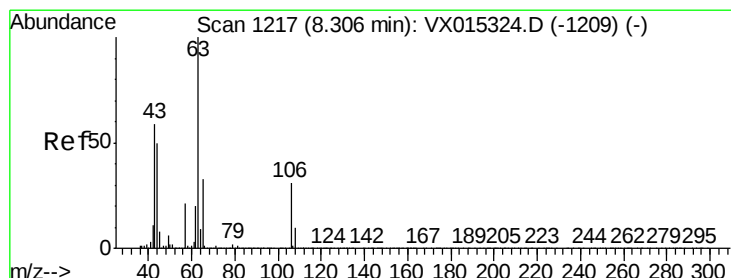
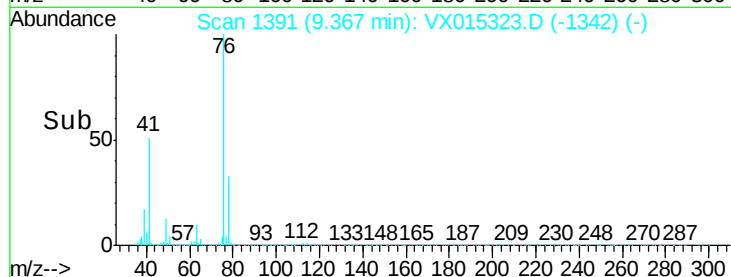
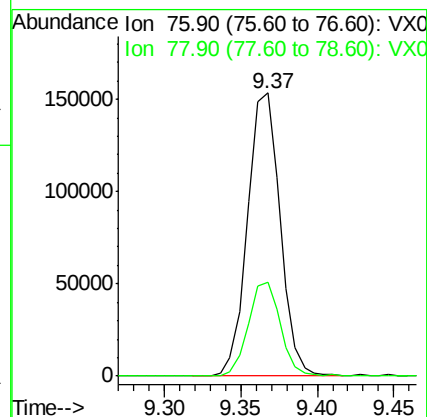
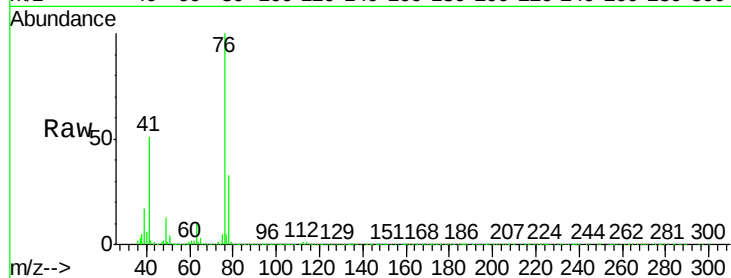
VSTDIC020

Tgt Ion: 76 Resp: 226712

Ion Ratio Lower Upper

76 100

78 33.1 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 94.18 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX015323.D

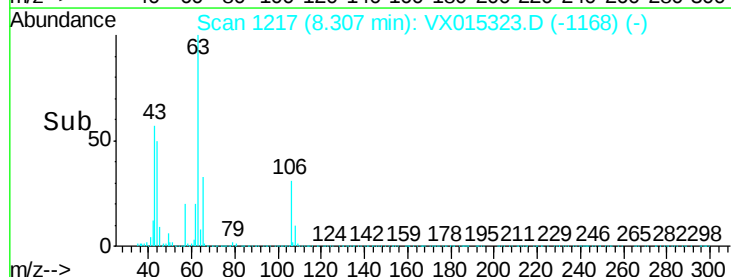
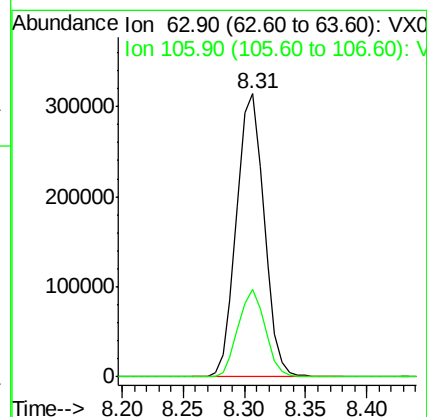
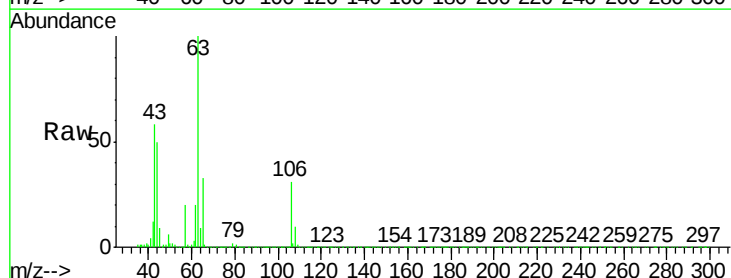
Acq: 18 Mar 2020 13:24

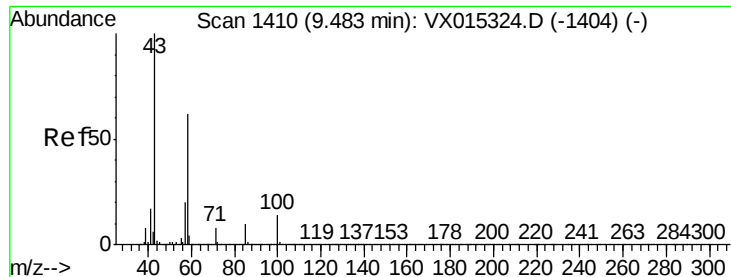
Tgt Ion: 63 Resp: 488254

Ion Ratio Lower Upper

63 100

106 30.7 24.3 36.5

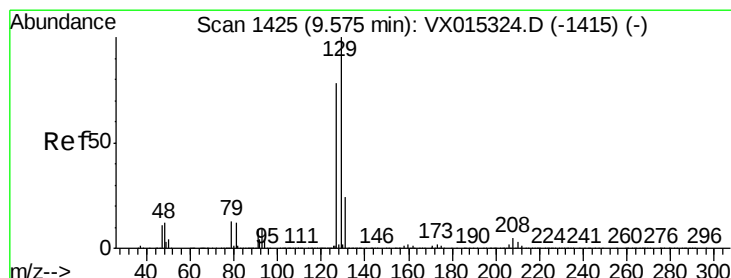
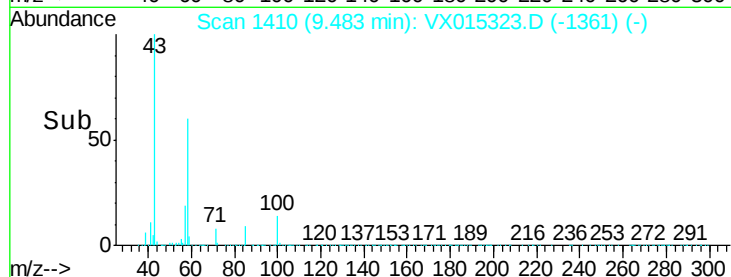
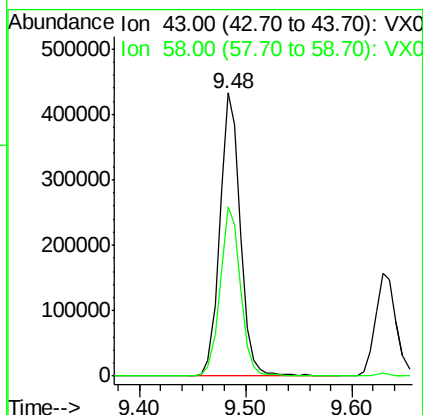
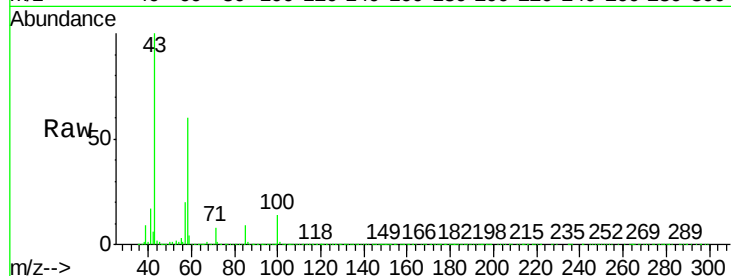




#59
2-Hexanone
Concen: 91.85 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

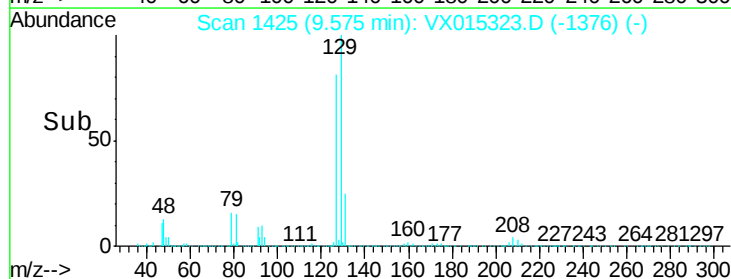
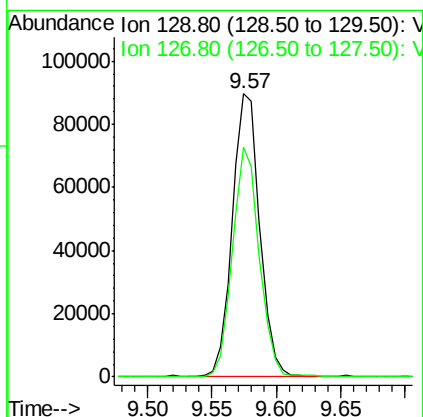
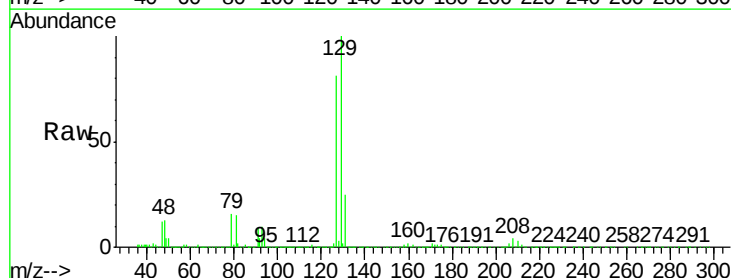
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

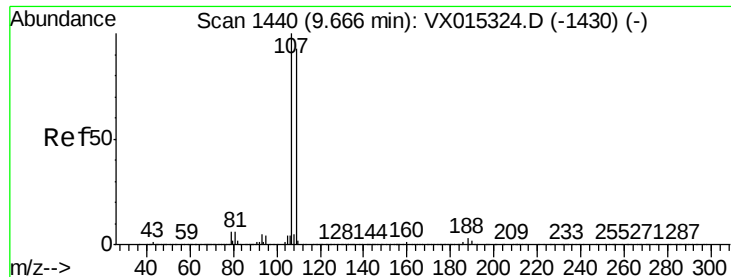
Tgt Ion: 43 Resp: 578258
Ion Ratio Lower Upper
43 100
58 59.7 30.3 90.8



#60
Dibromochloromethane
Concen: 18.81 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

Tgt Ion: 129 Resp: 132829
Ion Ratio Lower Upper
129 100
127 78.6 39.3 117.9





#61

1,2-Dibromoethane

Concen: 19.19 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

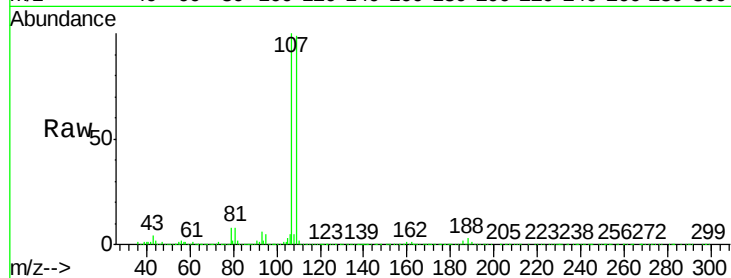
VSTDIC020

Tgt Ion: 107 Resp: 137028

Ion Ratio Lower Upper

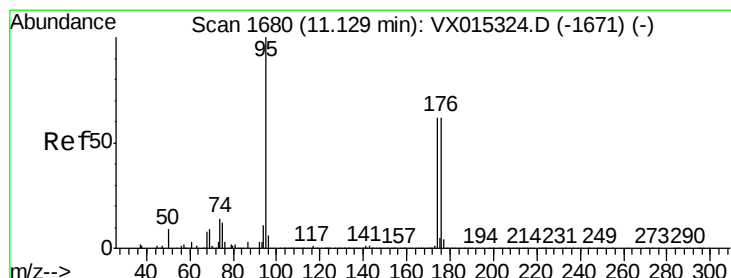
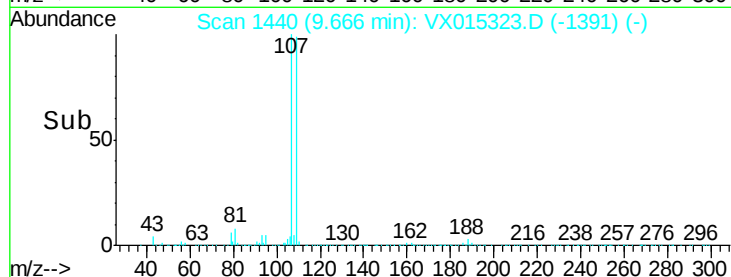
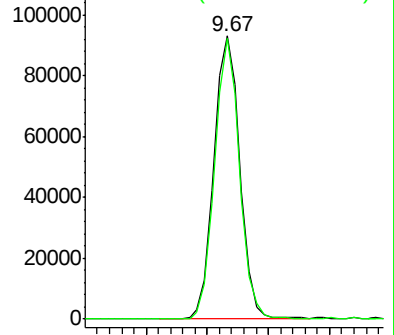
107 100

109 94.7 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 19.27 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

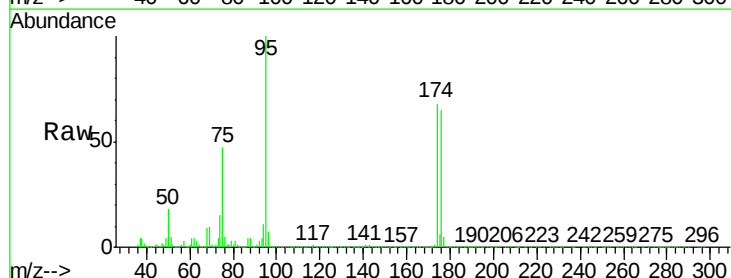
Tgt Ion: 95 Resp: 162825

Ion Ratio Lower Upper

95 100

174 72.0 0.0 145.6

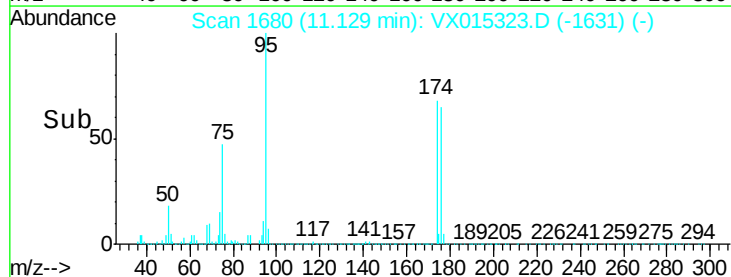
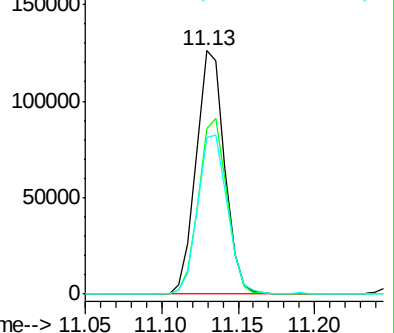
176 68.0 0.0 141.6

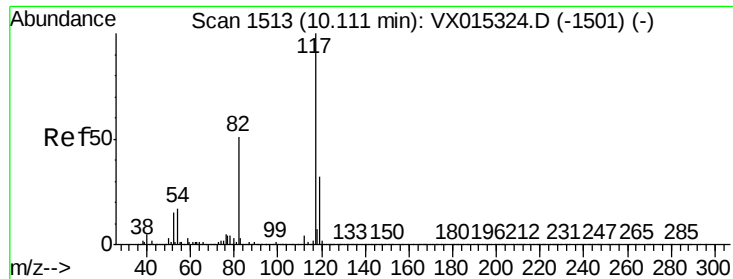


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

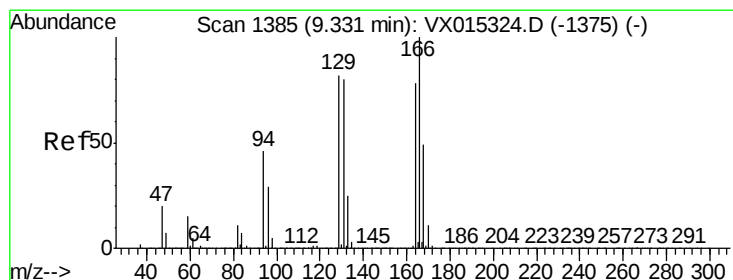
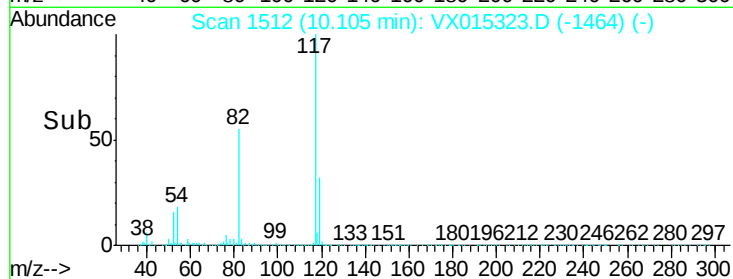
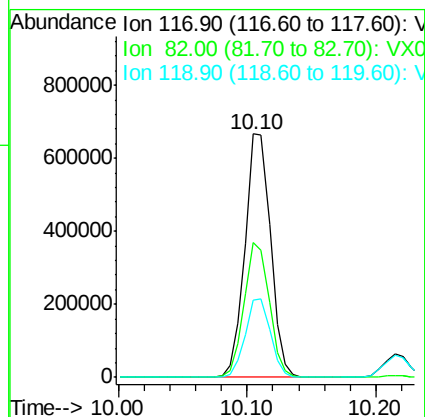
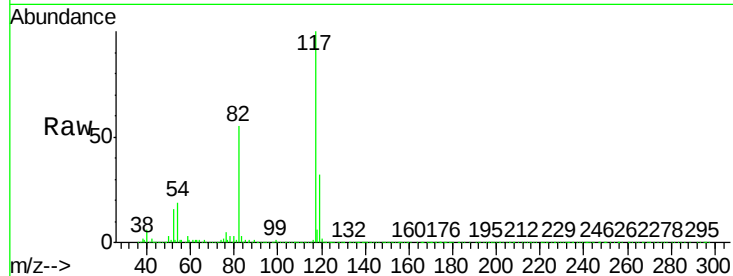




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

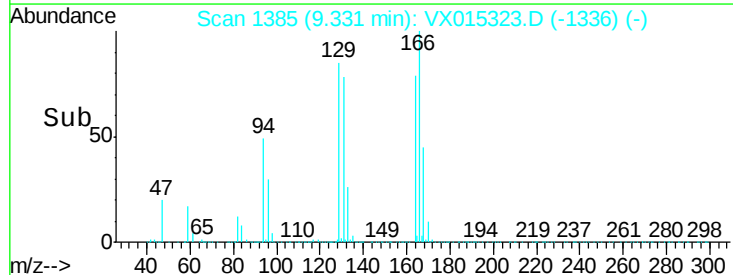
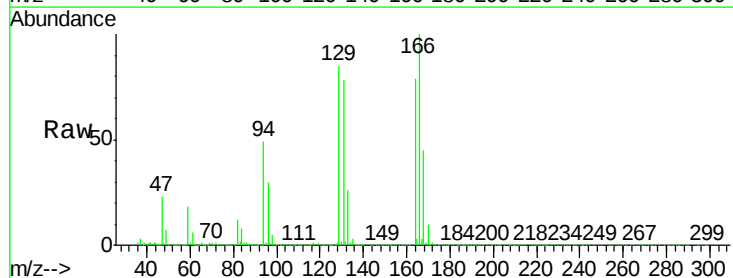
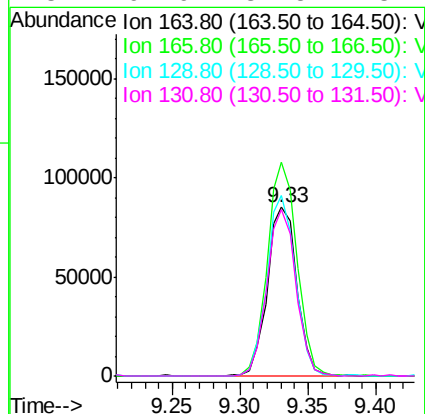
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

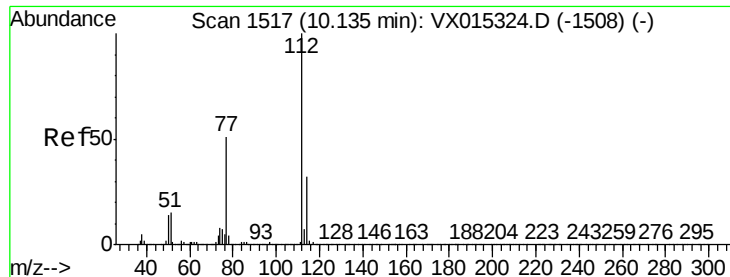
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.1	40.6	60.8
119	32.0	25.4	38.2



#64
Tetrachloroethene
Concen: 17.45 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.6	102.6	153.8
129	106.8	84.5	126.7
131	97.9	82.5	123.7





#65

Chlorobenzene

Concen: 19.79 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

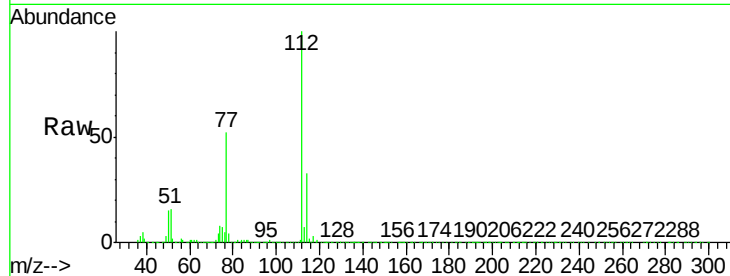
VSTDIC020

Tgt Ion:112 Resp: 367694

Ion Ratio Lower Upper

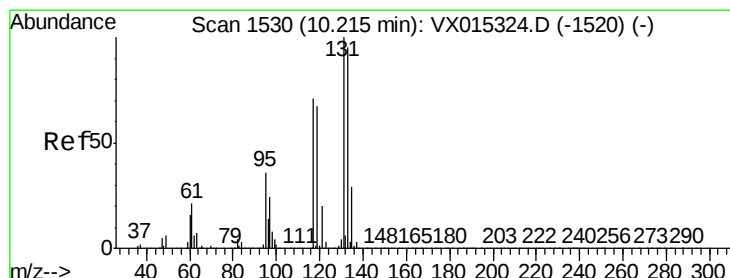
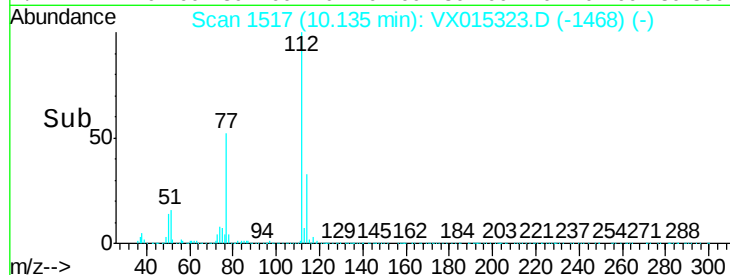
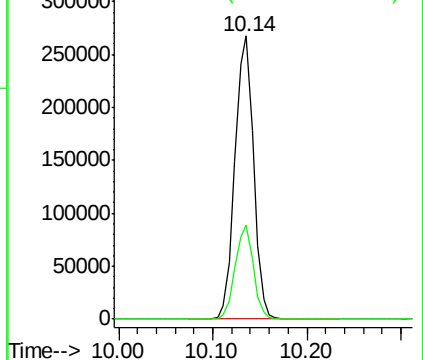
112 100

114 33.0 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 17.80 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

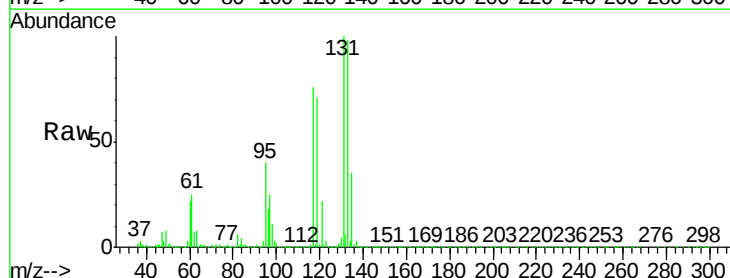
Tgt Ion:131 Resp: 123489

Ion Ratio Lower Upper

131 100

133 95.8 48.1 144.4

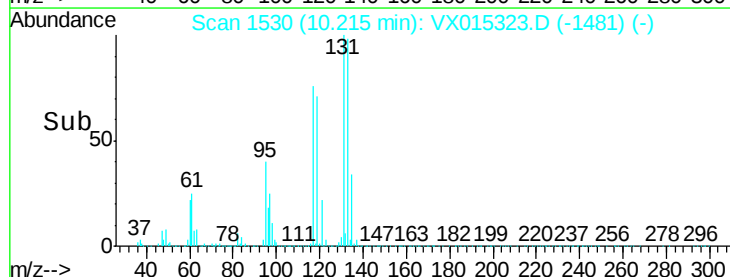
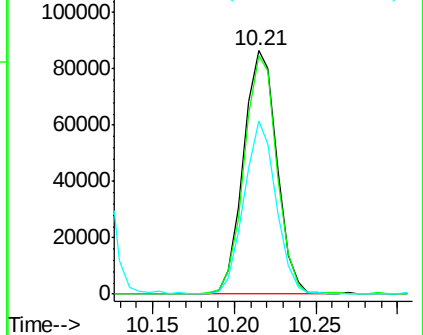
119 68.1 33.8 101.3

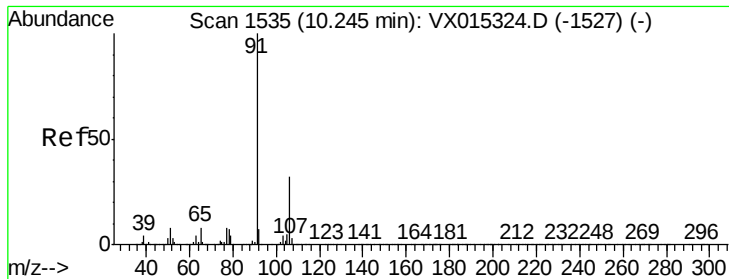


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

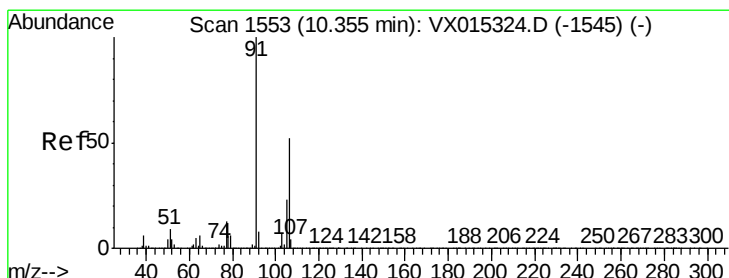
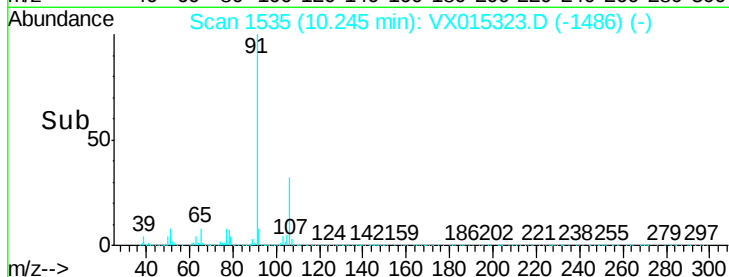
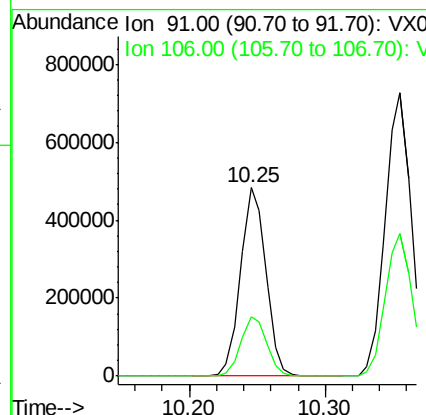
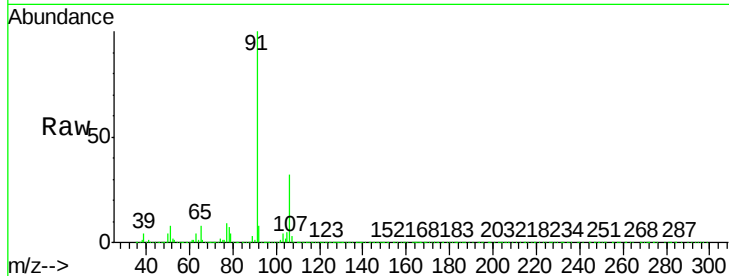




#67
Ethyl Benzene
Concen: 19.99 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

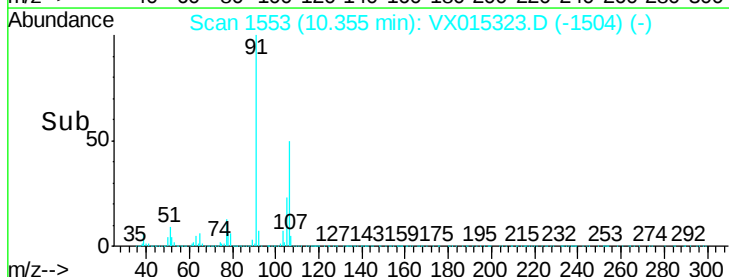
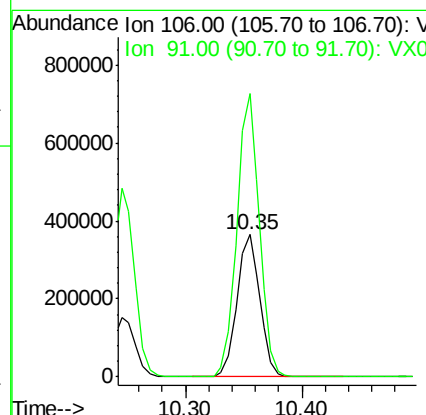
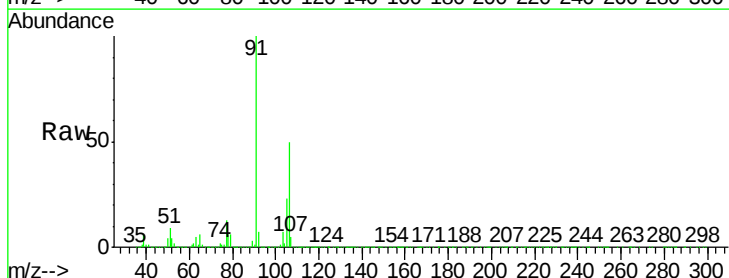
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

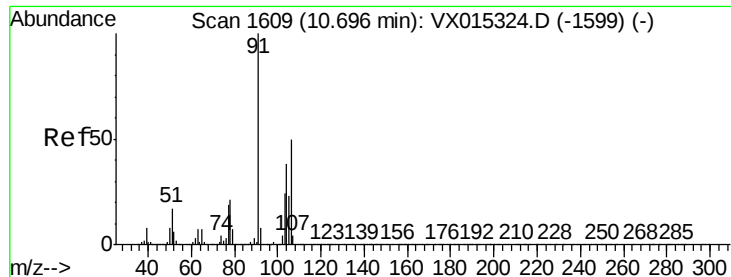
Tgt Ion: 91 Resp: 629451
Ion Ratio Lower Upper
91 100
106 31.5 25.8 38.6



#68
m/p-Xylenes
Concen: 41.37 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

Tgt Ion: 106 Resp: 496708
Ion Ratio Lower Upper
106 100
91 196.2 155.1 232.7

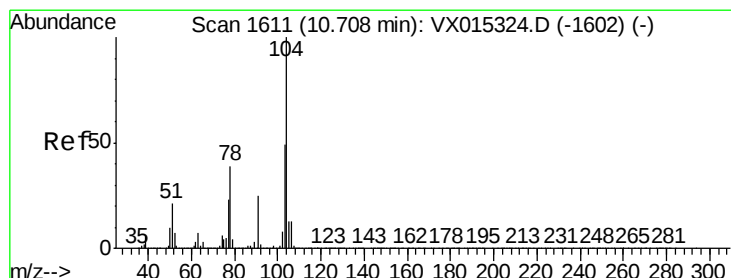
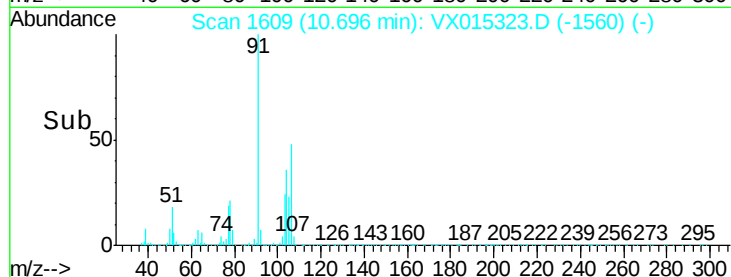
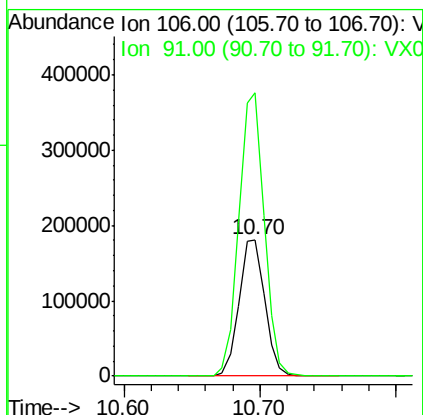
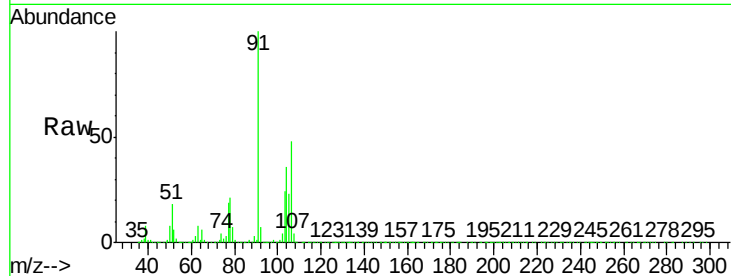




#69
o-Xylene
Concen: 20.71 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

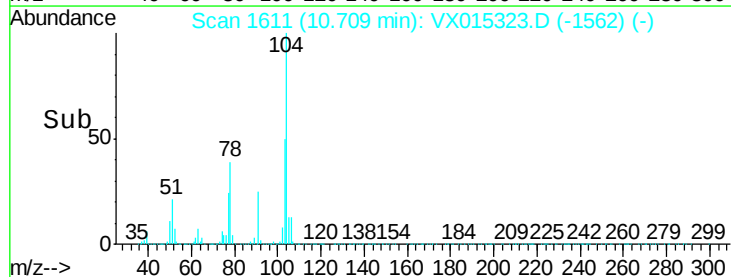
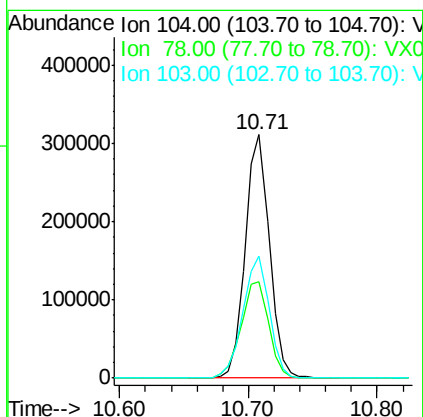
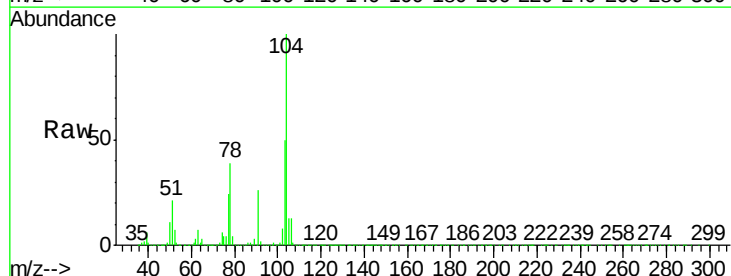
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

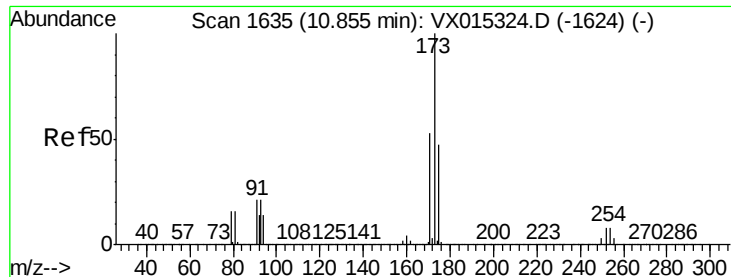
Tgt Ion:106 Resp: 238193
Ion Ratio Lower Upper
106 100
91 204.8 102.3 306.9



#70
Styrene
Concen: 20.34 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

Tgt Ion:104 Resp: 401082
Ion Ratio Lower Upper
104 100
78 45.8 36.0 54.0
103 54.8 43.4 65.0

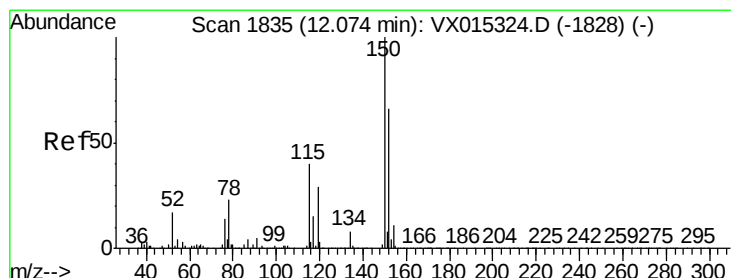
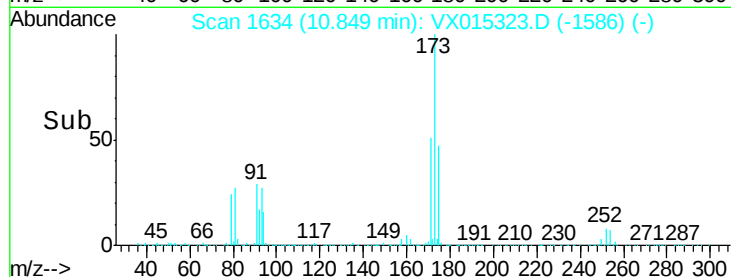
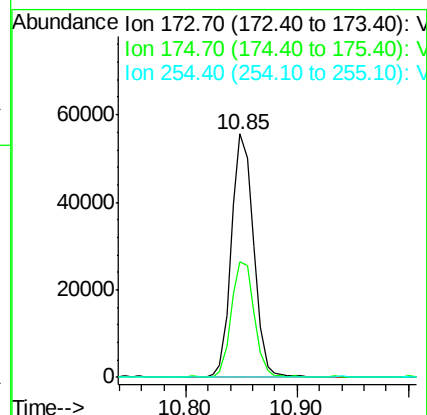
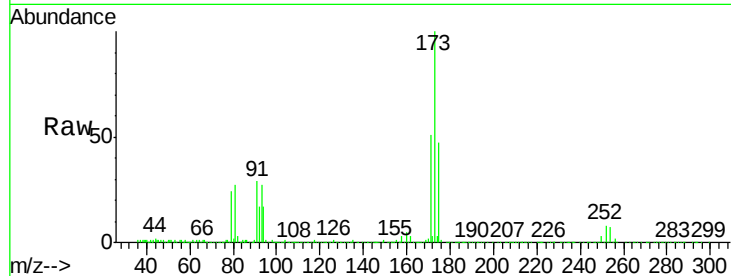




#71
Bromoform
Concen: 14.42 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

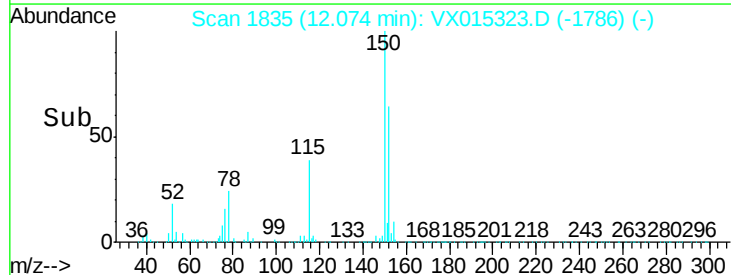
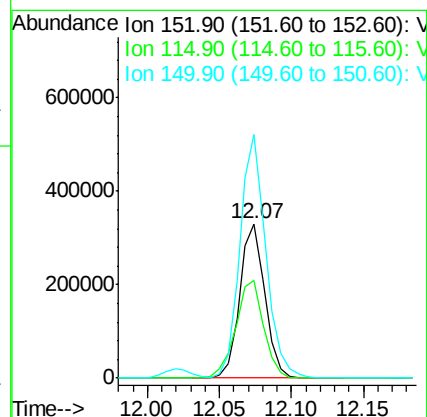
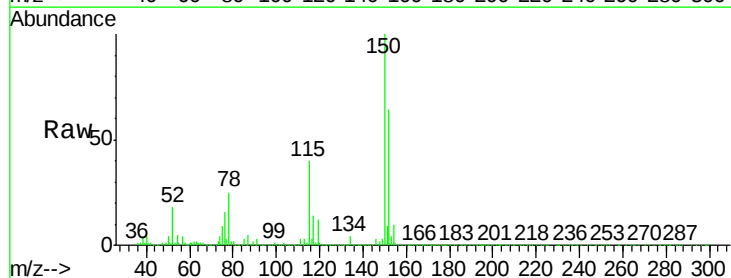
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

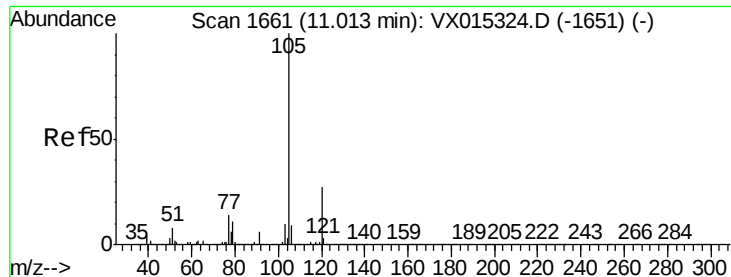
Tgt Ion:173 Resp: 76267
Ion Ratio Lower Upper
173 100
175 49.4 23.4 70.2
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

Tgt Ion:152 Resp: 399182
Ion Ratio Lower Upper
152 100
115 71.2 41.9 125.8
150 163.6 0.0 347.6





#73

Isopropylbenzene

Concen: 23.58 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

Instrument :

MSVOA_X

ClientSampled :

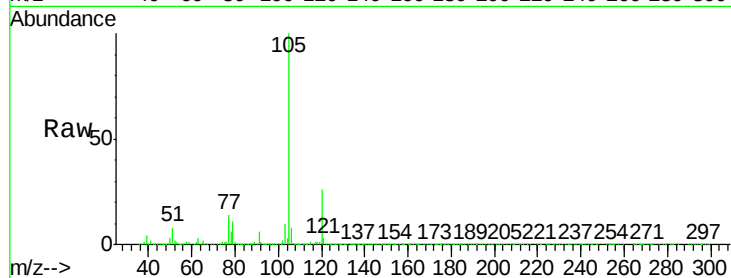
VSTDIC020

Tgt Ion: 105 Resp: 614428

Ion Ratio Lower Upper

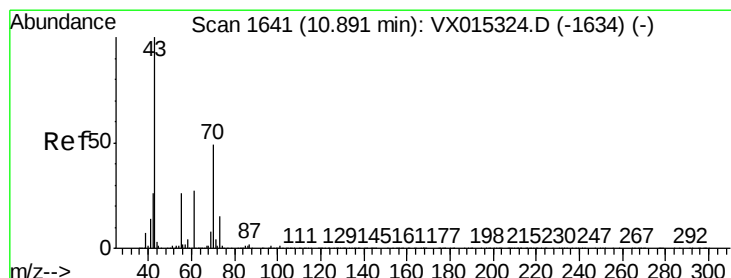
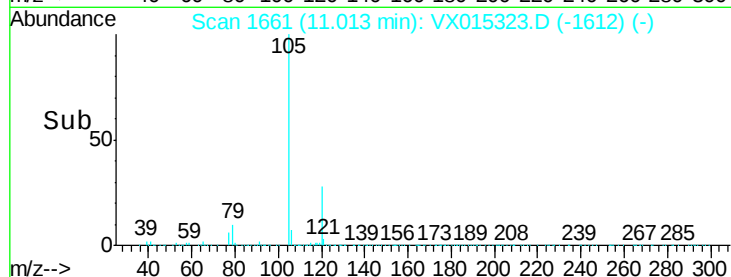
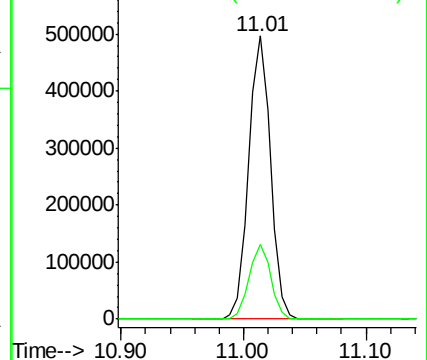
105 100

120 26.4 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.37 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

Tgt Ion: 43 Resp: 195357

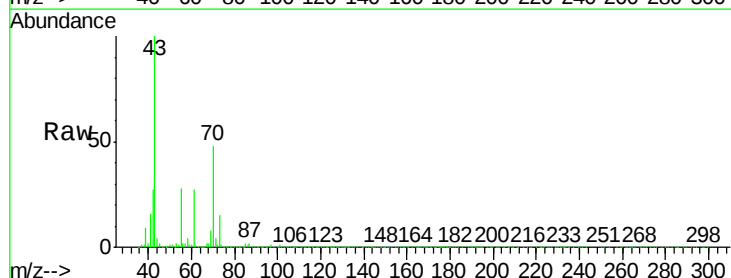
Ion Ratio Lower Upper

43 100

70 47.8 38.6 58.0

55 27.1 21.2 31.8

61 27.4 21.3 31.9

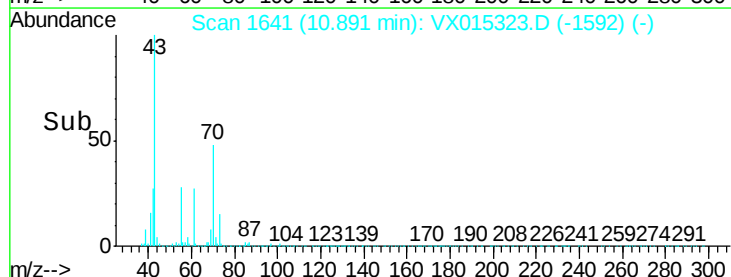
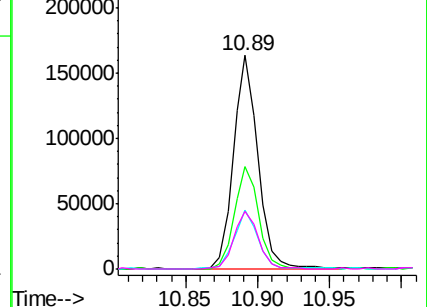


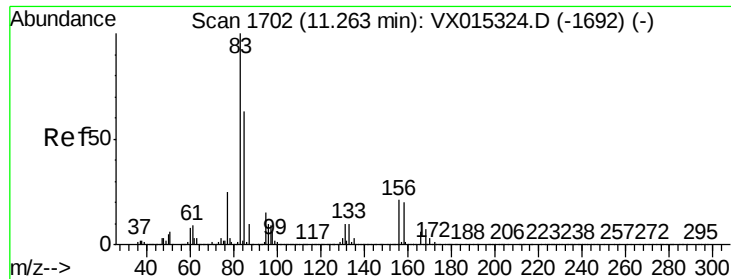
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.40 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

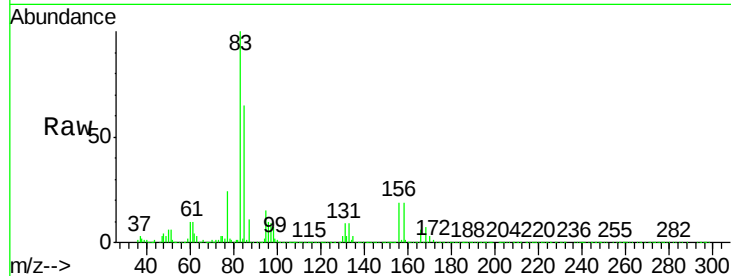
Tgt Ion: 83 Resp: 185028

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.2

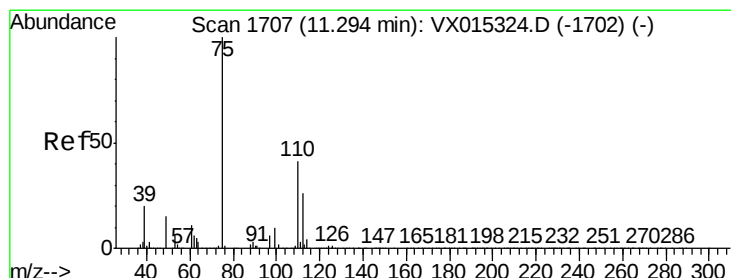
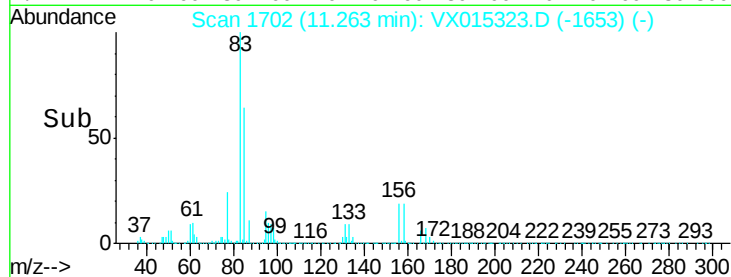
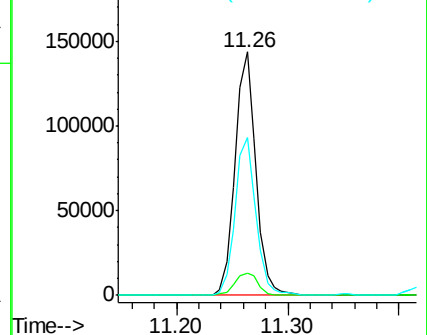
85 64.9 32.0 96.0



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: 26.78 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX015323.D

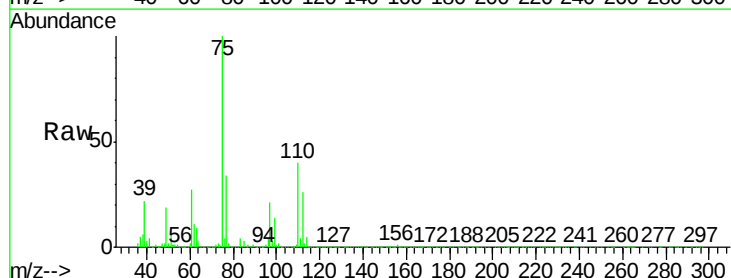
Acq: 18 Mar 2020 13:24

Tgt Ion: 75 Resp: 210033

Ion Ratio Lower Upper

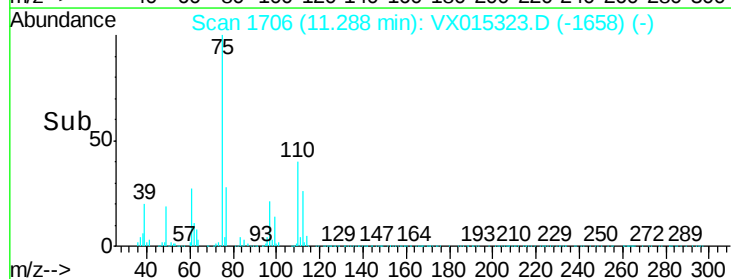
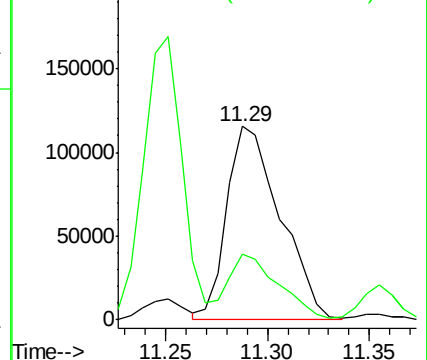
75 100

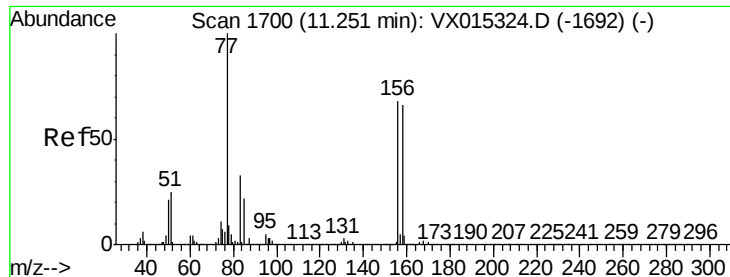
77 32.2 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.16 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

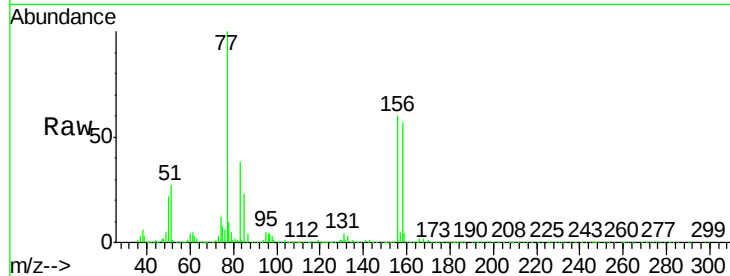
Tgt Ion: 156 Resp: 129738

Ion Ratio Lower Upper

156 100

77 169.8 81.4 244.2

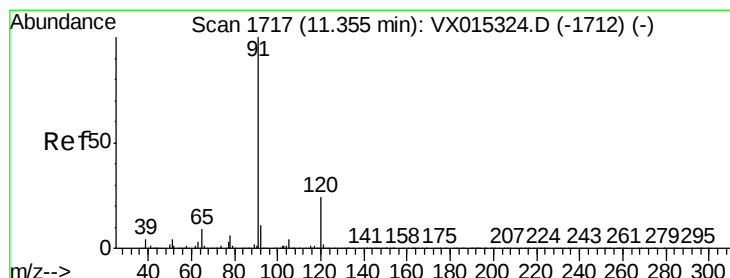
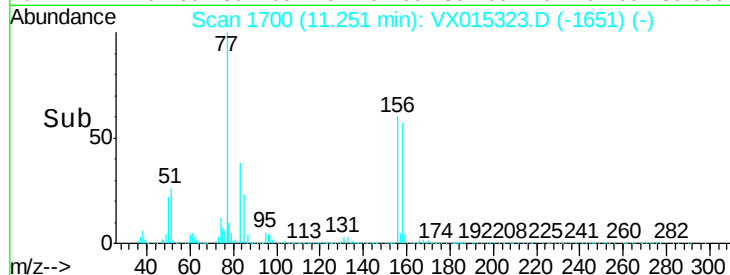
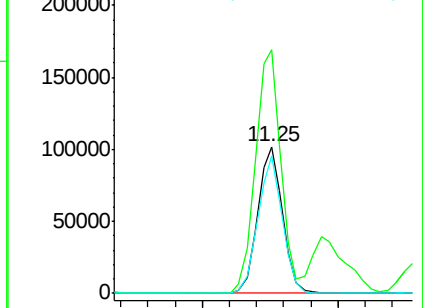
158 93.7 48.6 145.9



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: 23.51 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015323.D

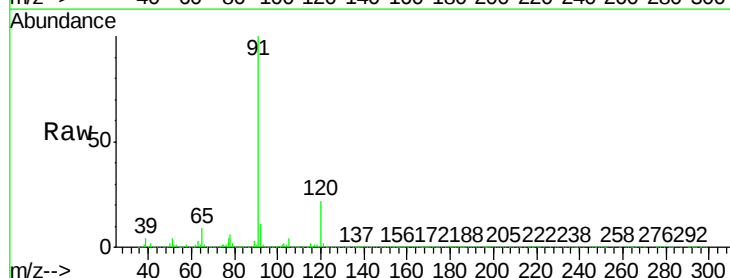
Acq: 18 Mar 2020 13:24

Tgt Ion: 91 Resp: 694769

Ion Ratio Lower Upper

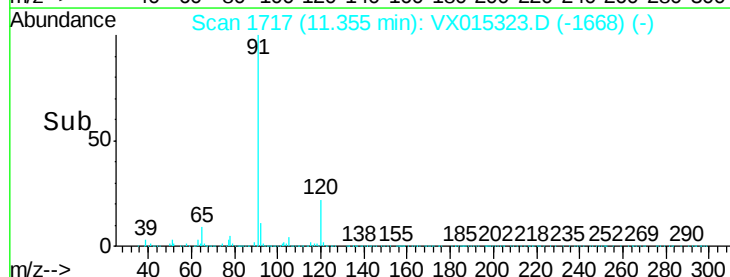
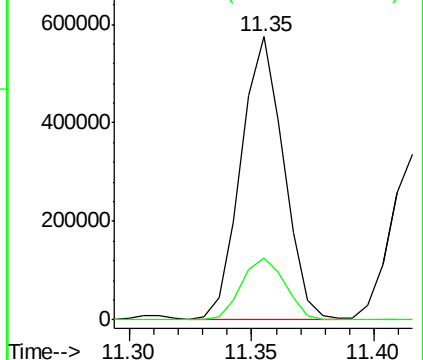
91 100

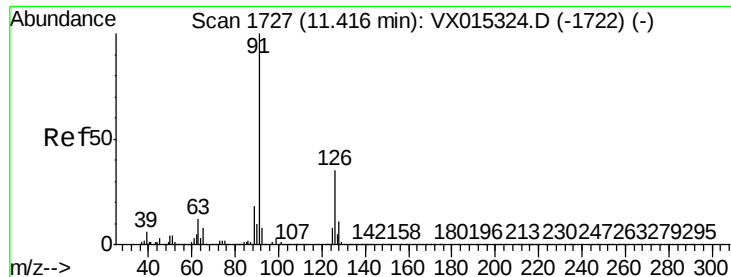
120 22.7 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

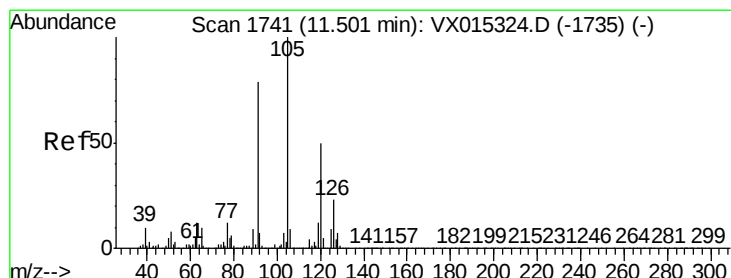
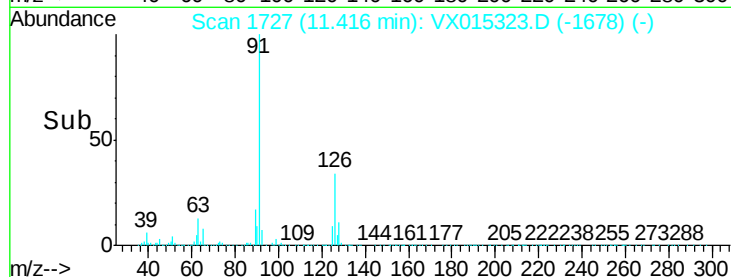
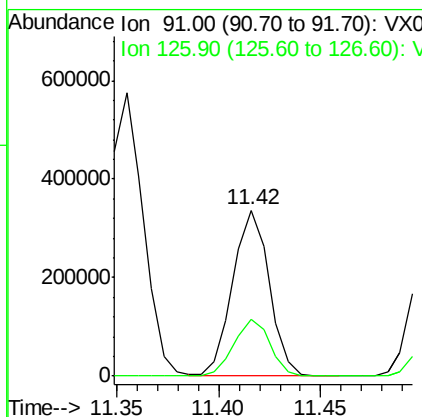
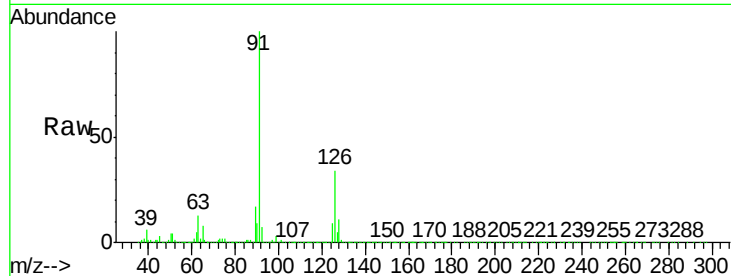




#79
 2-Chlorotoluene
 Concen: 23.60 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX015323.D
 Acq: 18 Mar 2020 13:24

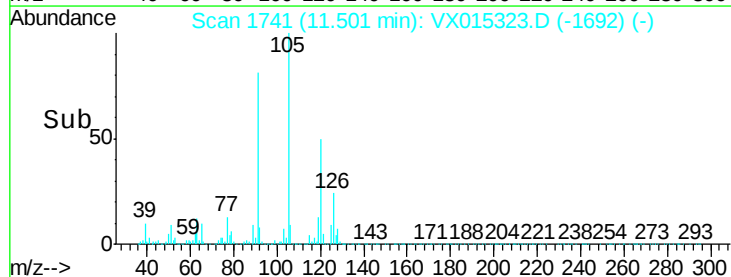
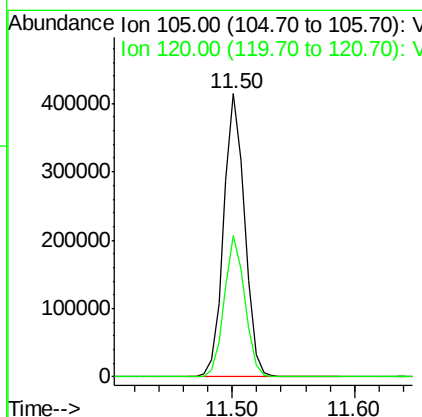
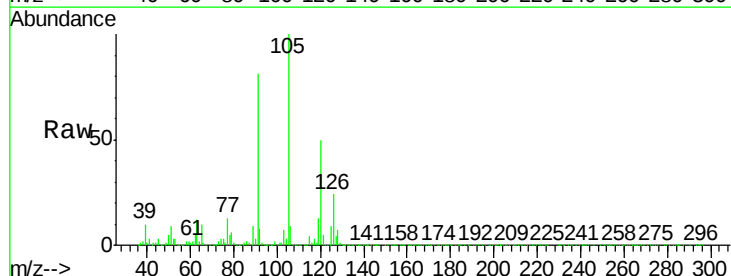
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

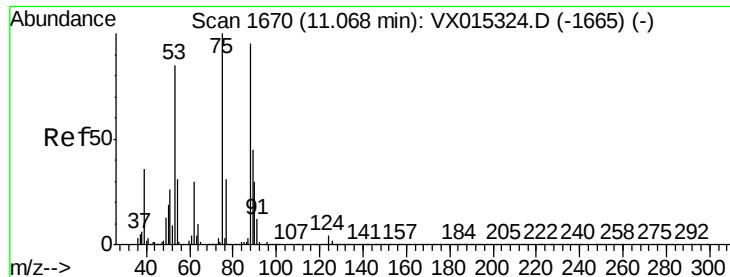
Tgt Ion: 91 Resp: 417702
 Ion Ratio Lower Upper
 91 100
 126 33.8 17.2 51.6



#80
 1,3,5-Trimethylbenzene
 Concen: 22.72 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX015323.D
 Acq: 18 Mar 2020 13:24

Tgt Ion: 105 Resp: 489904
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.9 74.6

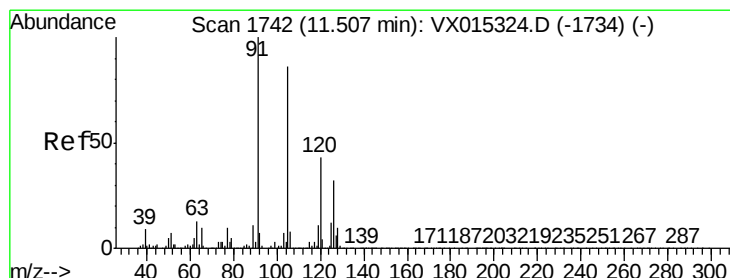
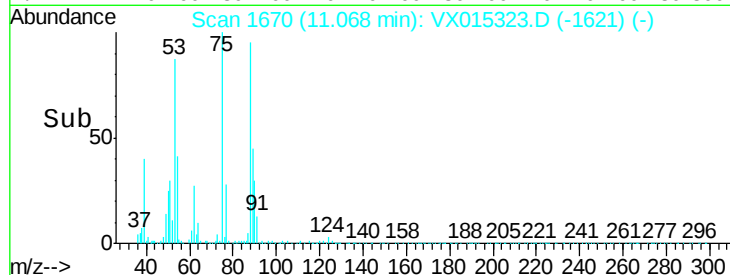
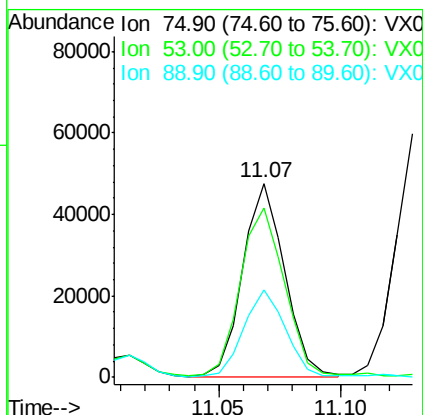
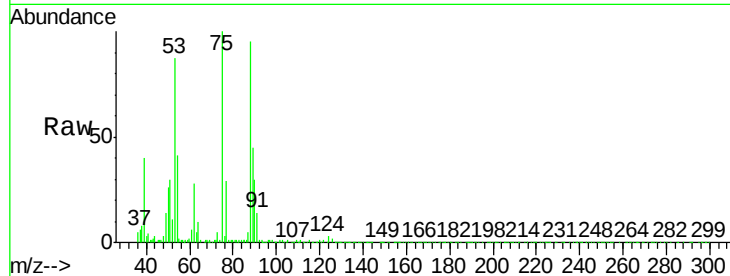




#81
trans-1,4-Dichloro-2-butene
Concen: 19.77 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

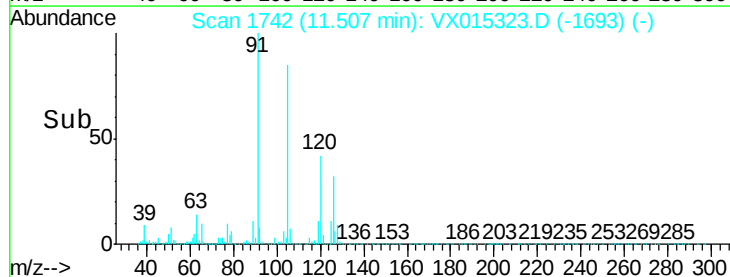
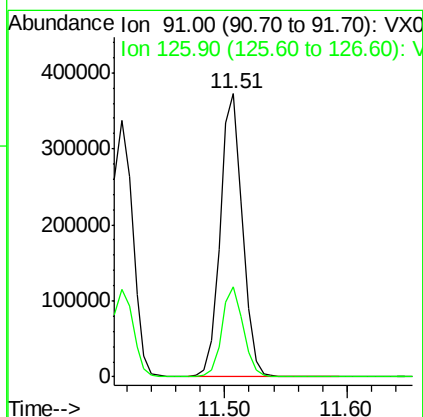
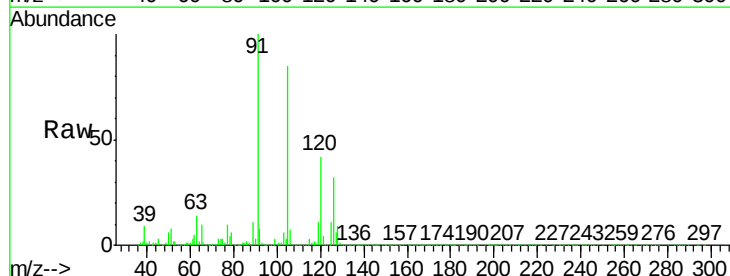
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

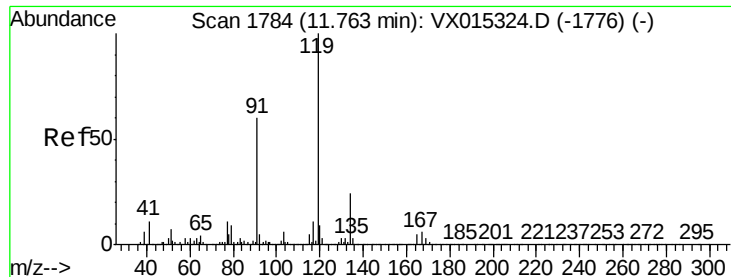
Tgt Ion: 75 Resp: 56498
Ion Ratio Lower Upper
75 100
53 91.9 68.0 102.0
89 44.8 37.1 55.7



#82
4-Chlorotoluene
Concen: 22.37 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

Tgt Ion: 91 Resp: 467278
Ion Ratio Lower Upper
91 100
126 30.7 15.4 46.2





#83

tert-Butylbenzene

Concen: 22.68 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

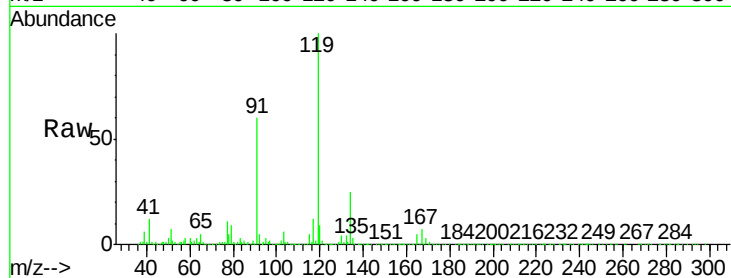
Tgt Ion:119 Resp: 474098

Ion Ratio Lower Upper

119 100

91 57.6 28.1 84.4

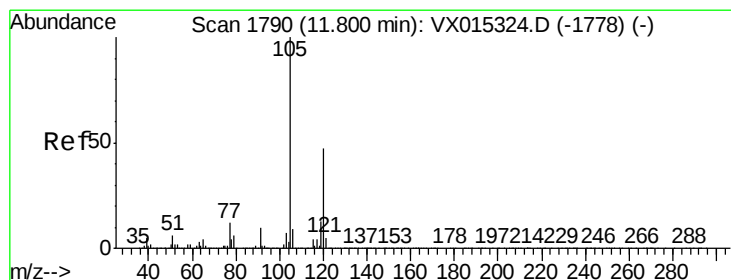
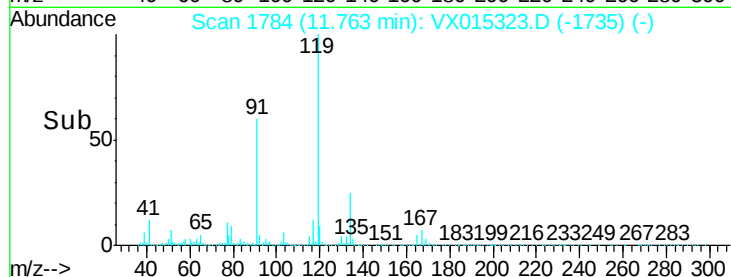
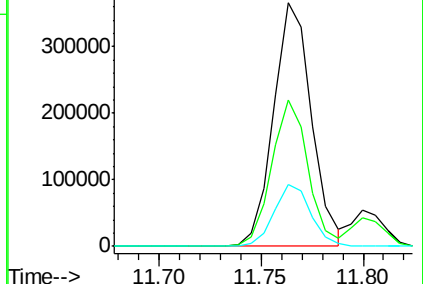
134 24.7 11.6 34.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 23.84 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX015323.D

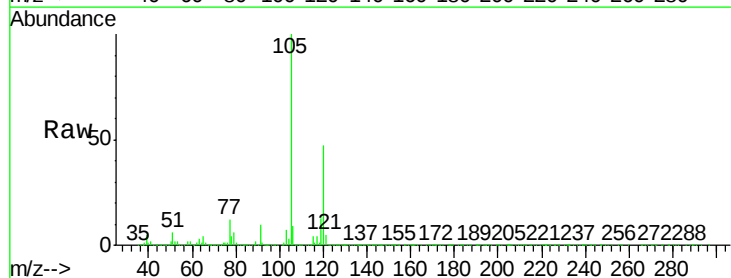
Acq: 18 Mar 2020 13:24

Tgt Ion:105 Resp: 521000

Ion Ratio Lower Upper

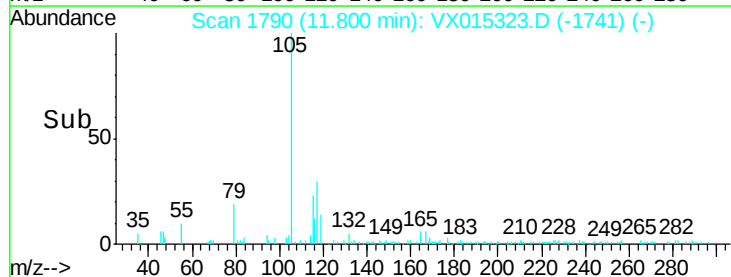
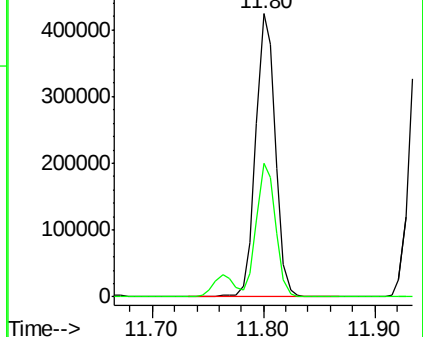
105 100

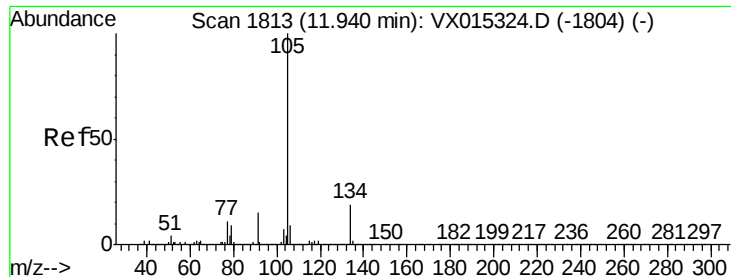
120 46.1 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

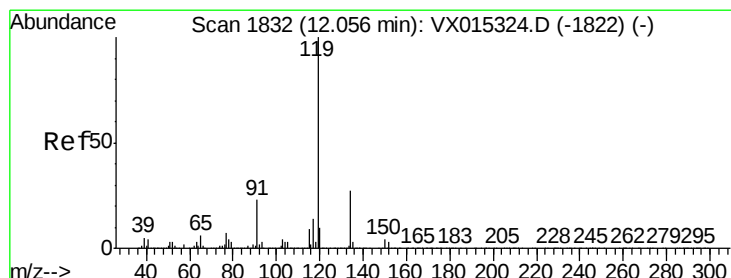
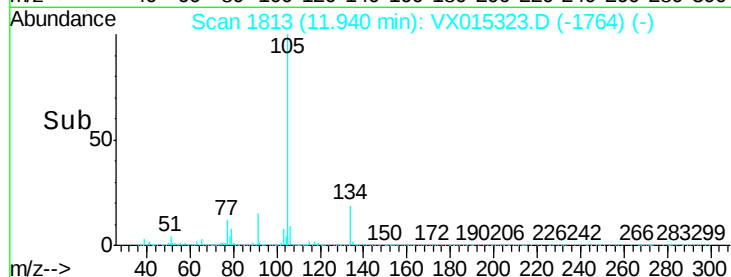
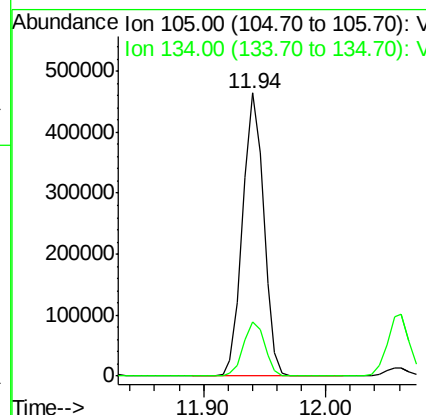
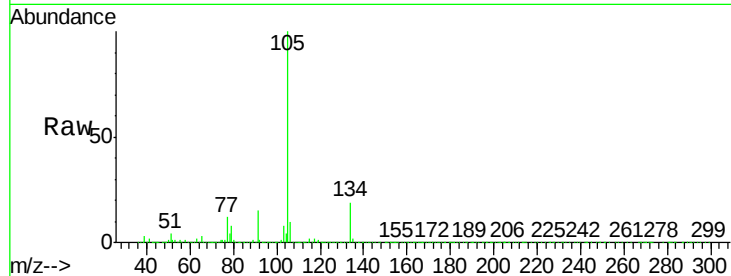




#85
 sec-Butylbenzene
 Concen: 21.61 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015323.D
 Acq: 18 Mar 2020 13:24

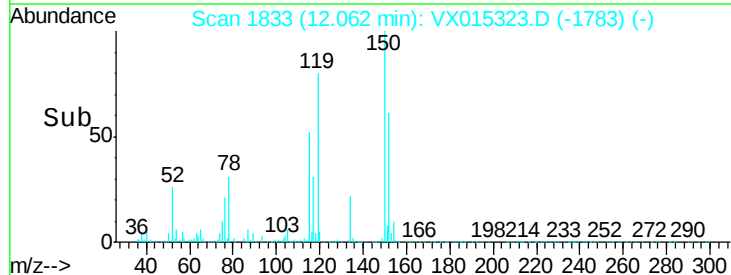
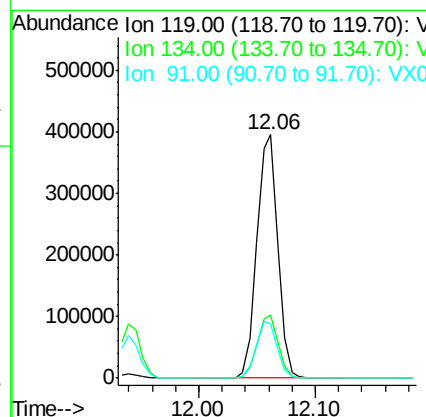
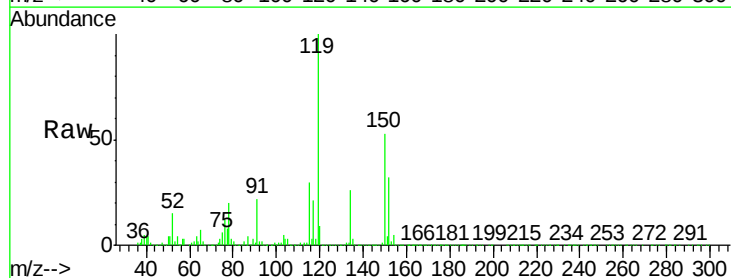
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

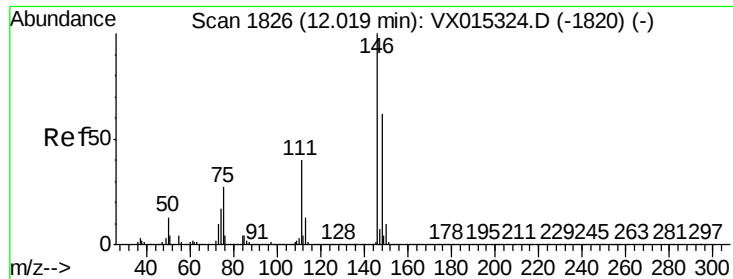
Tgt Ion:105 Resp: 549940
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 21.27 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: VX015323.D
 Acq: 18 Mar 2020 13:24

Tgt Ion:119 Resp: 495567
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.2 39.6
 91 23.2 11.0 33.0

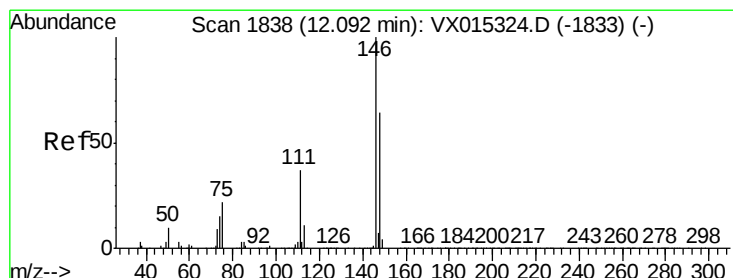
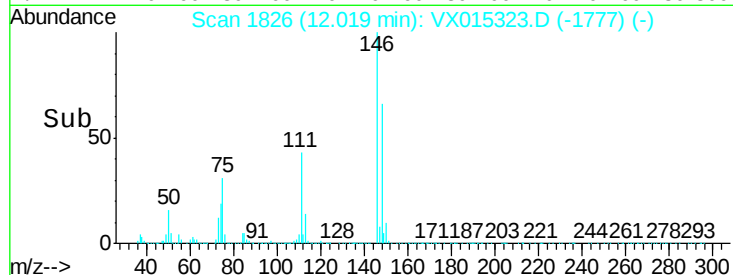
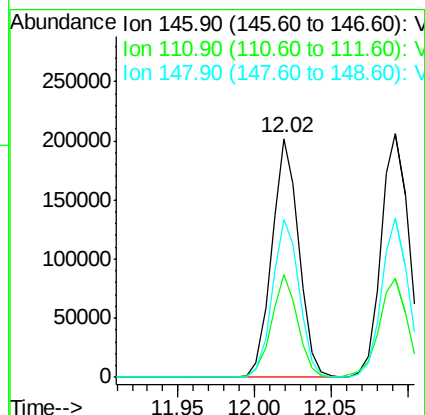
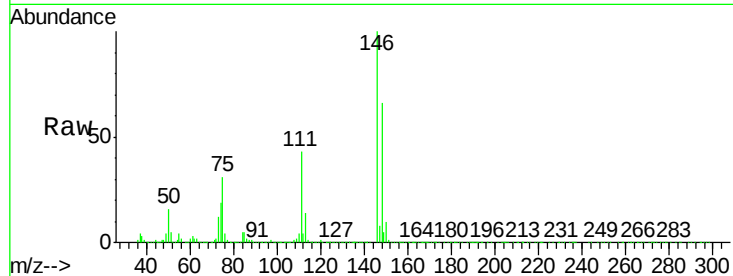




#87
 1,3-Dichlorobenzene
 Concen: 19.58 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX015323.D
 Acq: 18 Mar 2020 13:24

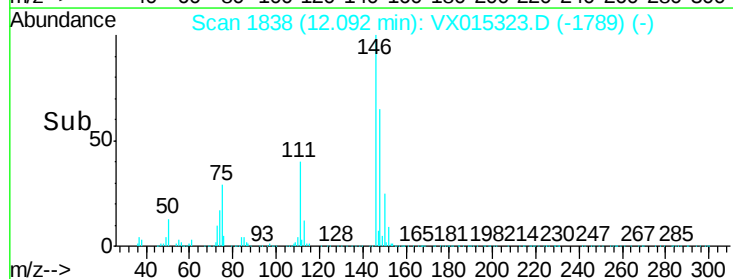
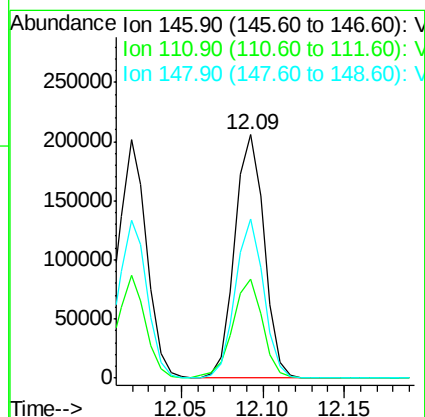
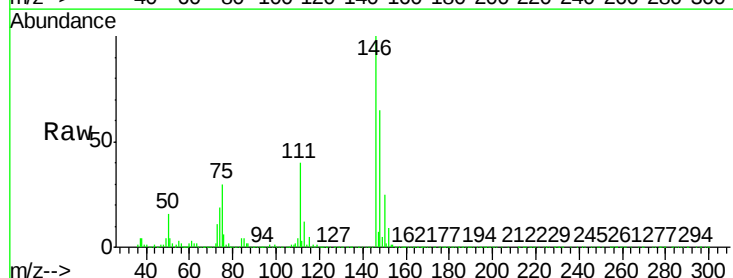
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

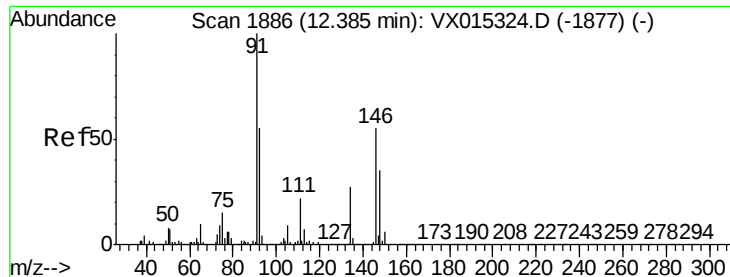
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.3	61.0
148	65.5	31.4	94.3



#88
 1,4-Dichlorobenzene
 Concen: 19.69 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015323.D
 Acq: 18 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	19.7	59.1
148	63.4	32.0	96.0

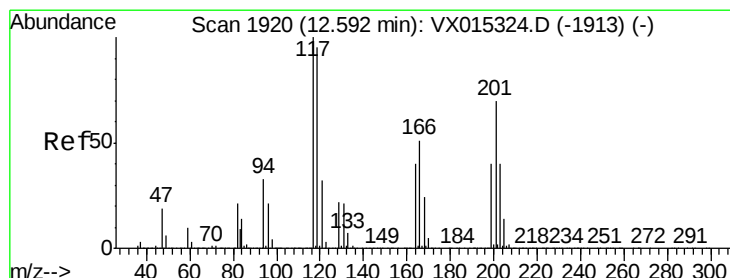
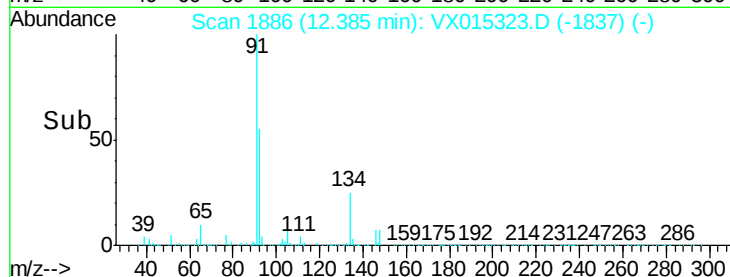
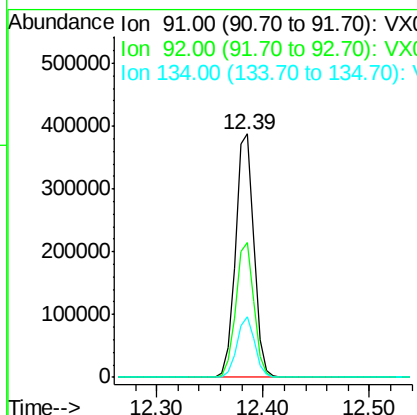
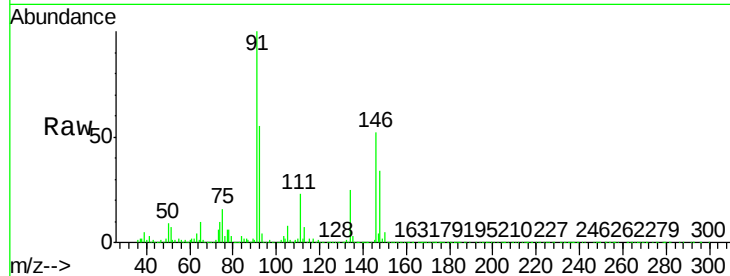




#89
n-Butylbenzene
Concen: 22.57 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

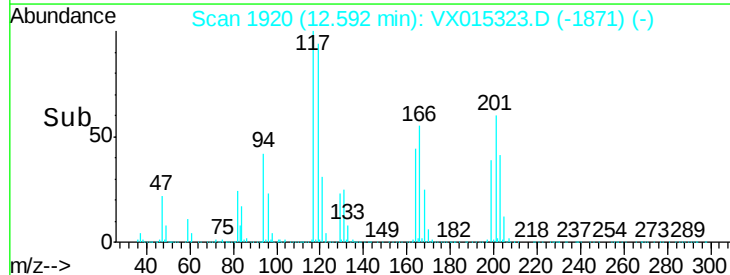
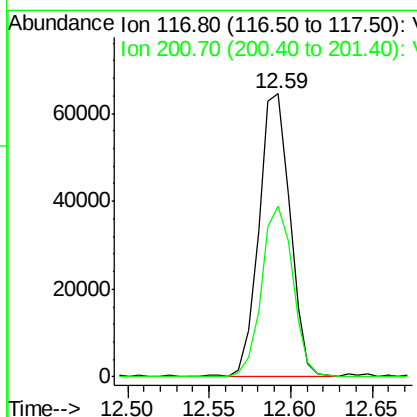
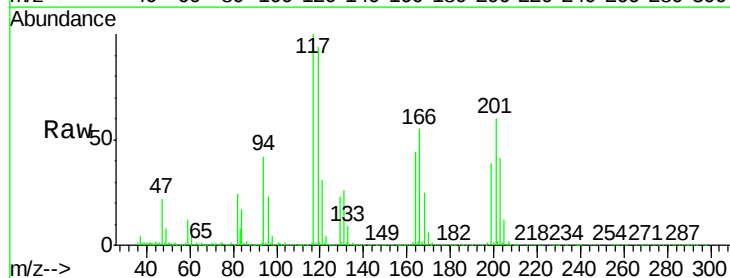
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

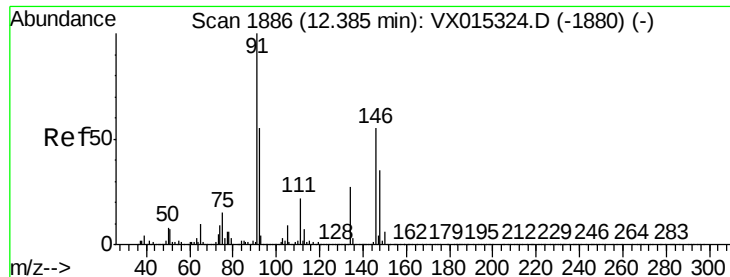
Tgt Ion: 91 Resp: 469329
Ion Ratio Lower Upper
91 100
92 55.2 27.5 82.4
134 24.2 13.2 39.6



#90
Hexachloroethane
Concen: 19.46 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

Tgt Ion: 117 Resp: 85715
Ion Ratio Lower Upper
117 100
201 60.9 32.7 98.1





#91

1,2-Dichlorobenzene

Concen: 19.71 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

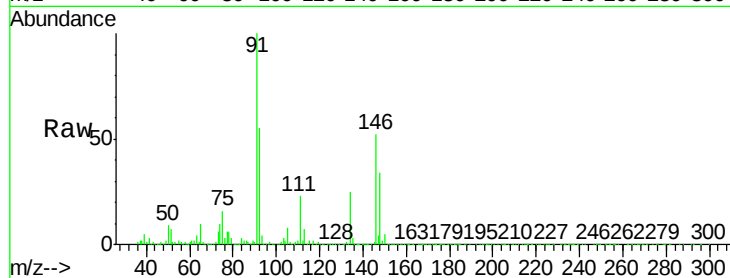
Tgt Ion:146 Resp: 249962

Ion Ratio Lower Upper

146 100

111 43.8 20.6 61.8

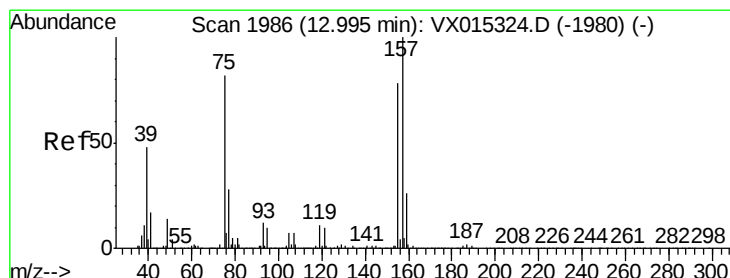
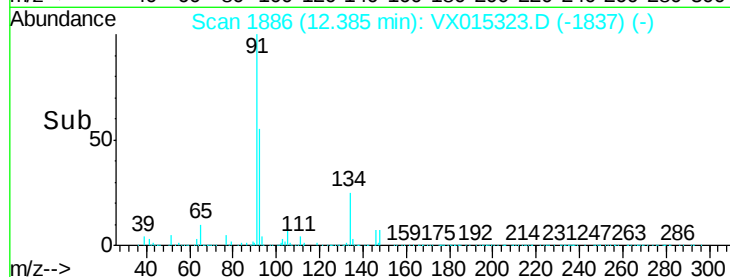
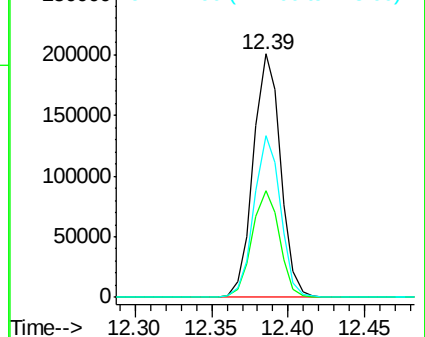
148 64.6 31.6 94.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.04 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX015323.D

Acq: 18 Mar 2020 13:24

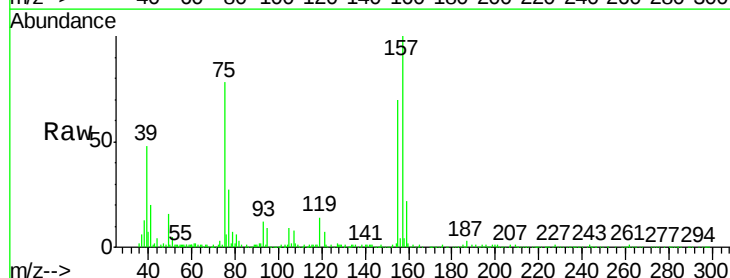
Tgt Ion: 75 Resp: 36019

Ion Ratio Lower Upper

75 100

155 86.4 48.9 146.7

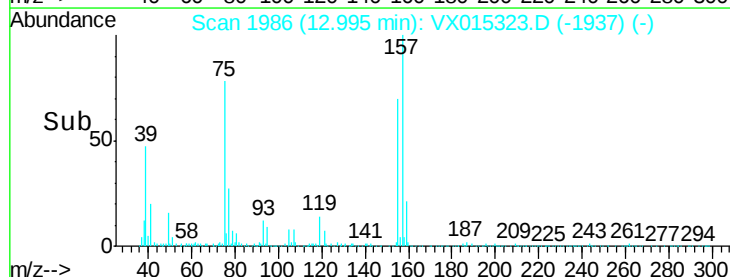
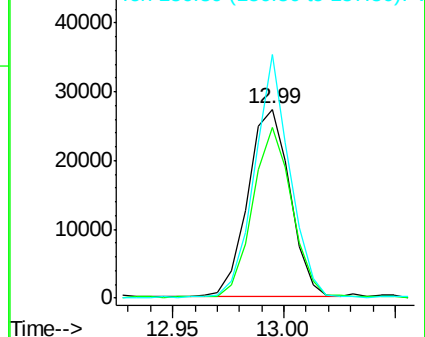
157 110.1 61.1 183.3

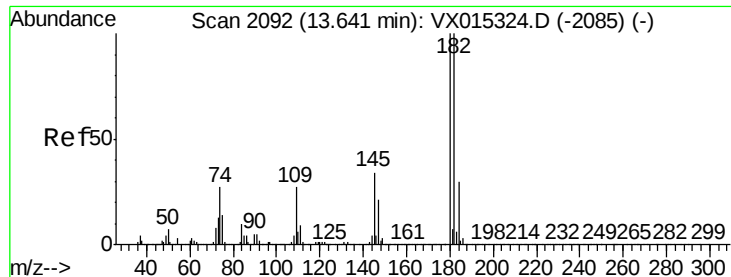


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

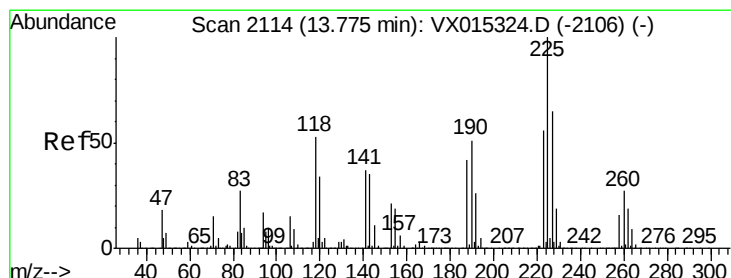
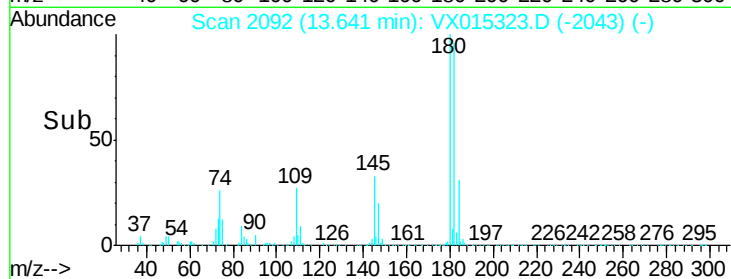
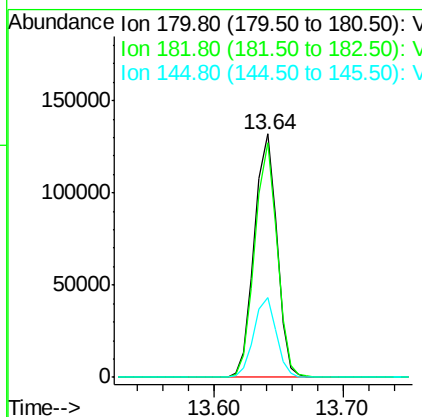
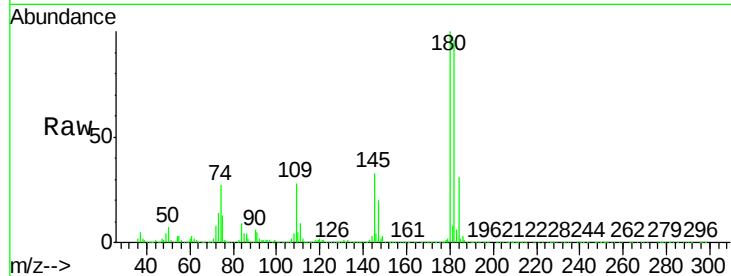




#93
 1,2,4-Trichlorobenzene
 Concen: 18.63 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015323.D
 Acq: 18 Mar 2020 13:24

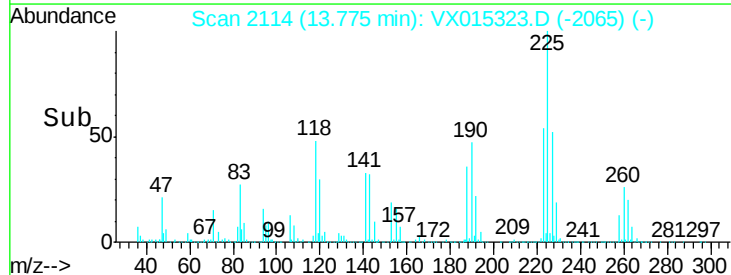
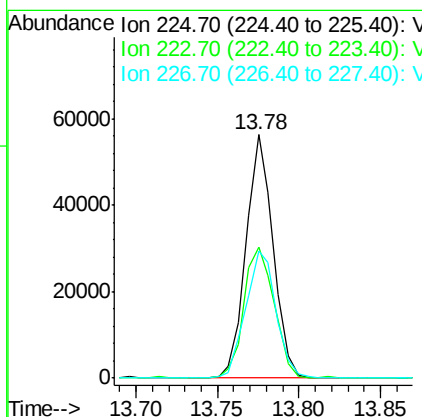
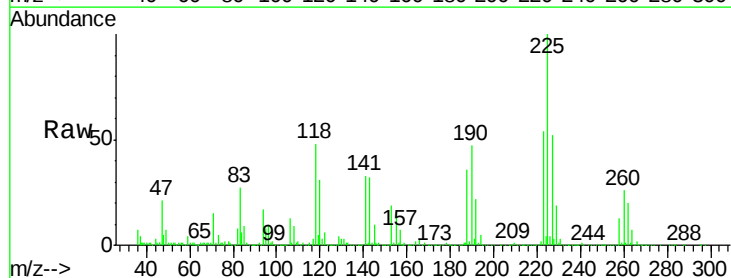
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

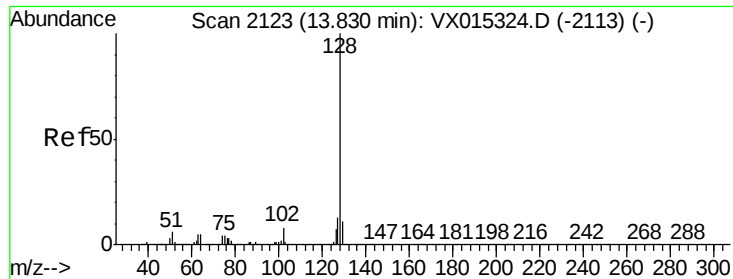
Tgt Ion:180 Resp: 158707
 Ion Ratio Lower Upper
 180 100
 182 94.6 48.6 145.9
 145 32.6 16.7 50.1



#94
 Hexachlorobutadiene
 Concen: 15.44 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015323.D
 Acq: 18 Mar 2020 13:24

Tgt Ion:225 Resp: 65458
 Ion Ratio Lower Upper
 225 100
 223 59.9 30.6 91.6
 227 58.3 32.3 96.8

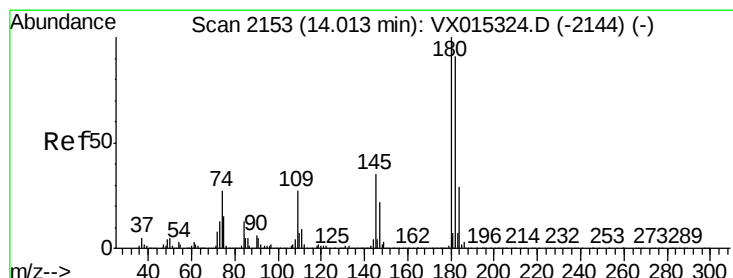
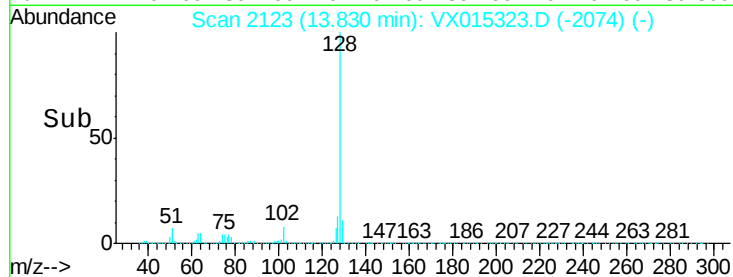
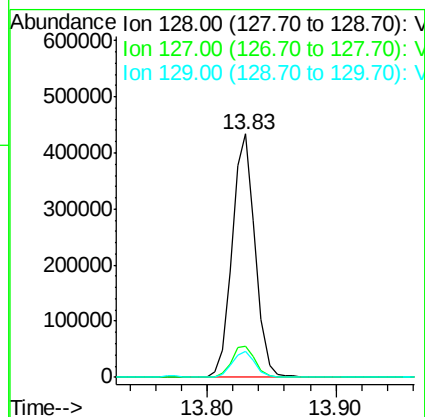
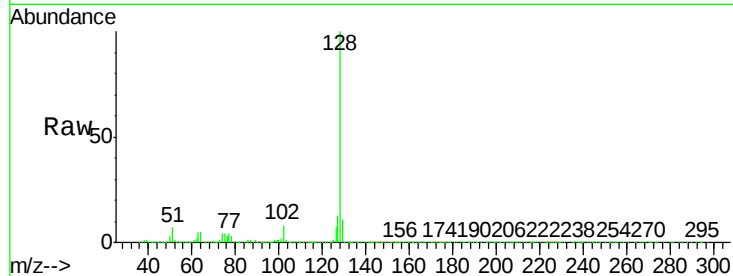




#95
Naphthalene
Concen: 22.34 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	10.7	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 15.96 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015323.D
Acq: 18 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.0	141.0
145	36.2	17.6	52.8

