

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030520\
 Data File : VX015099.D
 Acq On : 05 Mar 2020 10:18
 Operator : JC/SP
 Sample : VX0305WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

Quant Time: Mar 06 02:21:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	371592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	547395	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	506291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	269062	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	220766	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
35) Dibromofluoromethane	5.49	113	179185	51.89	ug/l	0.00
Spiked Amount			Recovery	=	103.78%	
50) Toluene-d8	8.71	98	683920	52.06	ug/l	0.00
Spiked Amount			Recovery	=	104.12%	
62) 4-Bromofluorobenzene	11.13	95	242139	51.68	ug/l	0.00
Spiked Amount			Recovery	=	103.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	62637	19.250	ug/l	98
3) Chloromethane	1.32	50	88280	19.153	ug/l	97
4) Vinyl Chloride	1.40	62	85260	18.242	ug/l	99
5) Bromomethane	1.64	94	58450	20.342	ug/l	100
6) Chloroethane	1.72	64	52990	18.900	ug/l	99
7) Trichlorofluoromethane	1.93	101	108348	19.483	ug/l	97
8) Diethyl Ether	2.18	74	51251	20.347	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	70416	20.125	ug/l	99
10) Methyl Iodide	2.50	142	72820	18.421	ug/l	99
11) Tert butyl alcohol	3.04	59	76117	99.517	ug/l	99
12) 1,1-Dichloroethene	2.37	96	69447	19.232	ug/l	98
13) Acrolein	2.28	56	56691	78.870	ug/l	97
14) Allyl chloride	2.72	41	117624	18.681	ug/l	97
15) Acrylonitrile	3.13	53	181620	95.347	ug/l	100
16) Acetone	2.44	43	172769	96.771	ug/l	99
17) Carbon Disulfide	2.56	76	180620	18.011	ug/l	99
18) Methyl Acetate	2.77	43	78645	18.015	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	222756	19.741	ug/l	100
20) Methylene Chloride	2.85	84	77005	18.430	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	72373	18.770	ug/l	97
22) Diisopropyl ether	3.84	45	246486	19.649	ug/l	92
23) Vinyl Acetate	3.80	43	1019728	98.890	ug/l	99
24) 1,1-Dichloroethane	3.69	63	129724	18.632	ug/l	99
25) 2-Butanone	4.65	43	254934	97.536	ug/l	95
26) 2,2-Dichloropropane	4.57	77	102886	18.615	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	83089	19.208	ug/l	99
28) Bromochloromethane	5.00	49	62877	19.833	ug/l	98
29) Tetrahydrofuran	5.11	42	156335	92.789	ug/l	100
30) Chloroform	5.20	83	129384	19.067	ug/l	98
31) Cyclohexane	5.57	56	117628	18.941	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	110394	19.625	ug/l	99
36) 1,1-Dichloropropene	5.79	75	98921	19.548	ug/l	99
37) Ethyl Acetate	4.81	43	98959	21.082	ug/l	99
38) Carbon Tetrachloride	5.77	117	93545	19.584	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	119753	20.266	ug/l	98
40) Benzene	6.13	78	296608	19.756	ug/l	98
41) Methacrylonitrile	5.03	41	57302	20.323	ug/l	94
42) 1,2-Dichloroethane	6.18	62	108403	21.025	ug/l	97
43) Isopropyl Acetate	6.43	43	165046	19.987	ug/l	99
44) Trichloroethene	7.20	130	82284	19.680	ug/l	95
45) 1,2-Dichloropropane	7.50	63	76398	19.659	ug/l	95
46) Dibromomethane	7.65	93	50477	19.934	ug/l	98
47) Bromodichloromethane	7.89	83	101990	20.368	ug/l	98
48) Methyl methacrylate	7.76	41	79664	18.954	ug/l	96
49) 1,4-Dioxane	7.75	88	33597	369.718	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	498253	102.049	ug/l	100
52) Toluene	8.78	92	187021	20.373	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	109873	20.615	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	122396	20.314	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	77322	20.464	ug/l	98
56) Ethyl methacrylate	9.17	69	110694	20.539	ug/l	98
57) 1,3-Dichloropropane	9.36	76	129684	20.401	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	284427	96.875	ug/l	100
59) 2-Hexanone	9.48	43	369177	102.015	ug/l	100
60) Dibromochloromethane	9.57	129	80260	20.221	ug/l	99
61) 1,2-Dibromoethane	9.67	107	80178	20.203	ug/l	99
64) Tetrachloroethene	9.33	164	87709	20.953	ug/l	100
65) Chlorobenzene	10.13	112	200285	19.704	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	74276	19.379	ug/l	98
67) Ethyl Benzene	10.25	91	352069	20.398	ug/l	98
68) m/p-Xylenes	10.35	106	266726	40.616	ug/l	97
69) o-Xylene	10.69	106	126610	20.137	ug/l	100
70) Styrene	10.71	104	217180	20.146	ug/l	100
71) Bromoform	10.85	173	58318	19.621	ug/l #	99
73) Isopropylbenzene	11.01	105	343398	19.979	ug/l	100
74) N-amyl acetate	10.89	43	139601	19.272	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	107600	18.785	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	122071	22.745	ug/l	81
77) Bromobenzene	11.25	156	93019	19.419	ug/l	98
78) n-propylbenzene	11.35	91	397807	20.258	ug/l	100
79) 2-Chlorotoluene	11.42	91	234901	20.031	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	286357	20.013	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	33419	17.672	ug/l	93
82) 4-Chlorotoluene	11.51	91	275039	19.852	ug/l	100
83) tert-Butylbenzene	11.76	119	272529	19.698	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	293004	20.384	ug/l	99
85) sec-Butylbenzene	11.94	105	337866	20.230	ug/l	99
86) p-Isopropyltoluene	12.06	119	312538	20.312	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	165154	19.613	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	165530	19.040	ug/l	99
89) n-Butylbenzene	12.39	91	272220	19.891	ug/l	99
90) Hexachloroethane	12.59	117	54107	18.600	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	161060	19.238	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	22212	19.365	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

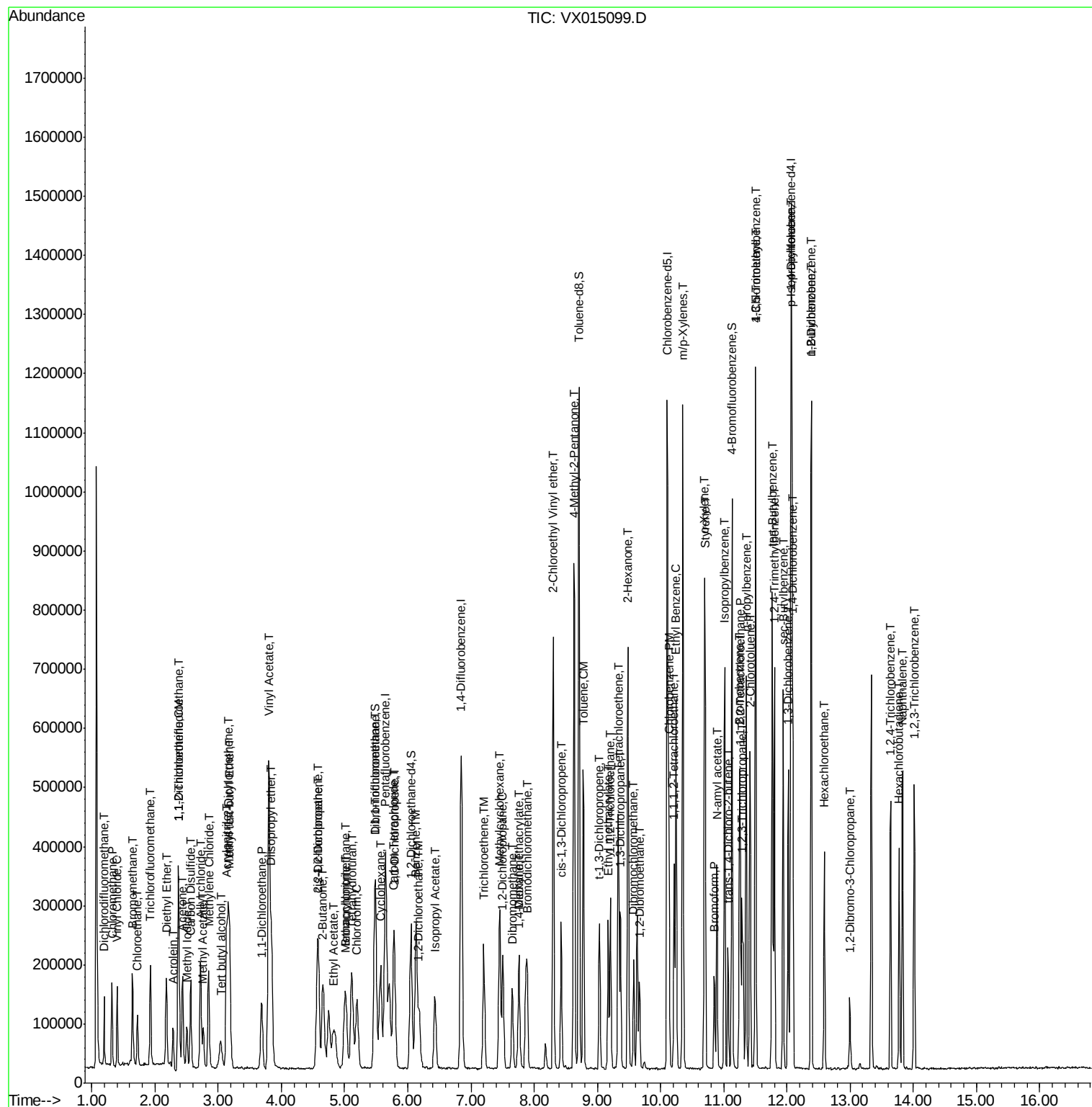
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	114433	19.692	ug/l	99
94) Hexachlorobutadiene	13.78	225	58449	19.600	ug/l	98
95) Naphthalene	13.83	128	319403	18.845	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	118311	20.405	ug/l	99

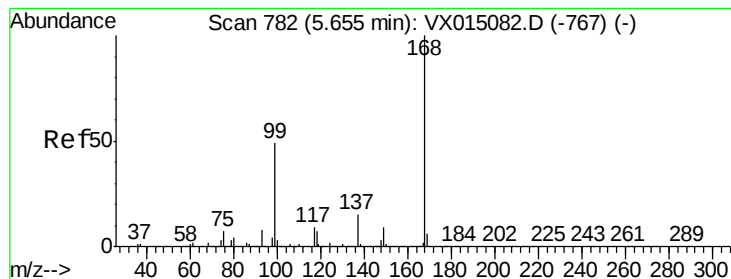
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Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

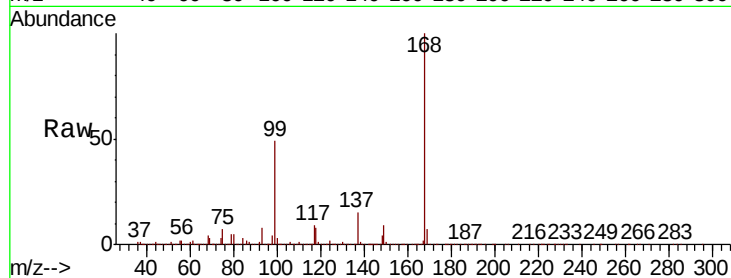
VX0305WBSD01

Tot Ion:168 Resp: 371592

Ion Ratio Lower Upper

168 100

99 49.0 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

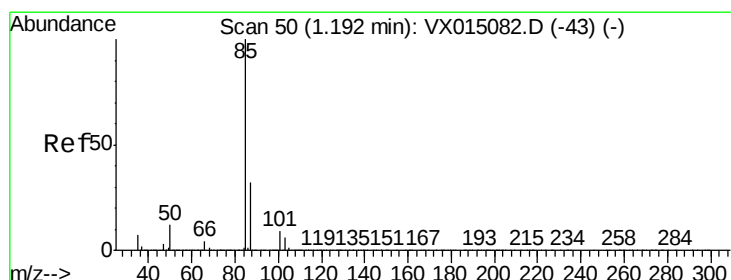
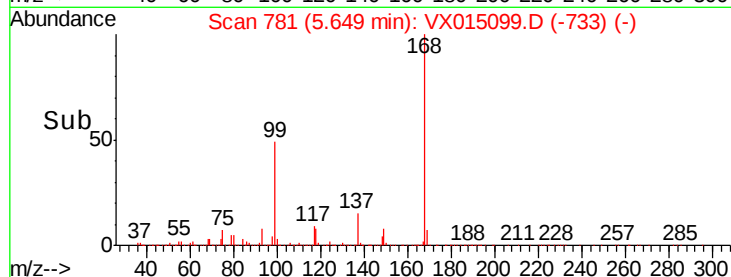
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.250 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015099.D

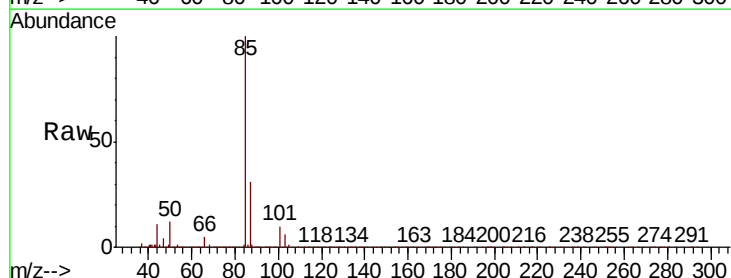
Acq: 05 Mar 2020 10:18

Tgt Ion: 85 Resp: 62637

Ion Ratio Lower Upper

85 100

87 31.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

60000

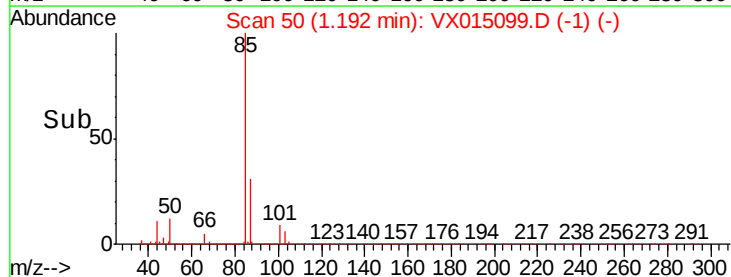
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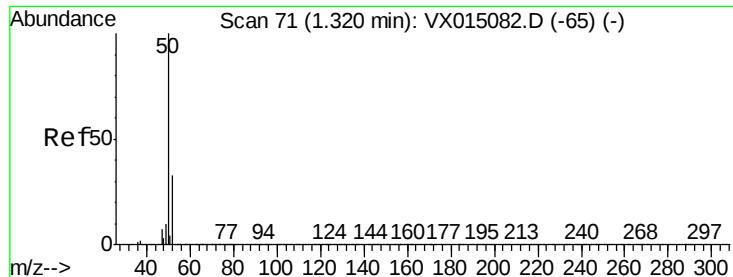
20000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 19.153 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

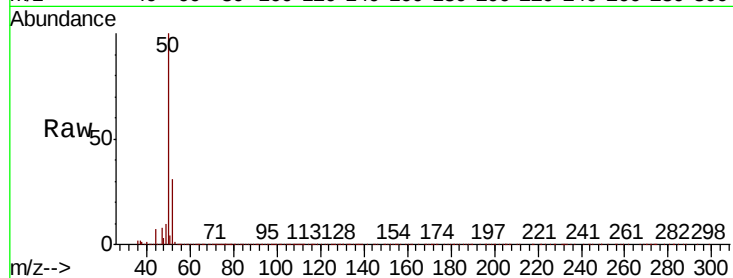
VX0305WBSD01

Tot Ion: 50 Resp: 88280

Ion Ratio Lower Upper

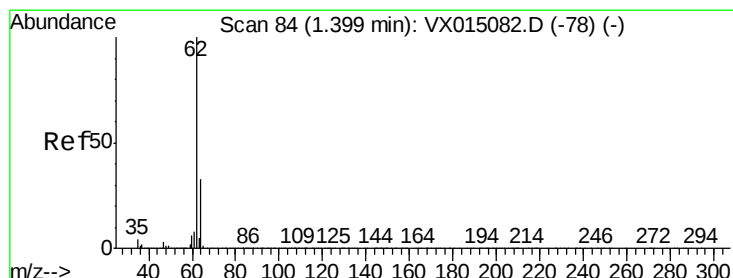
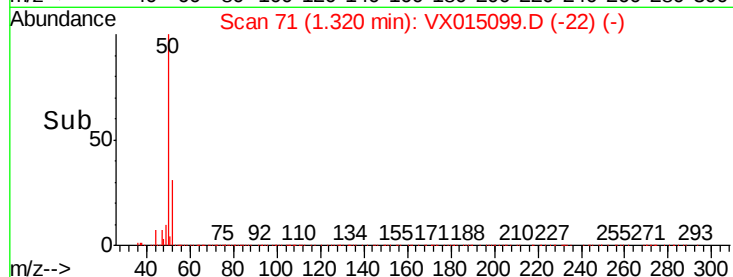
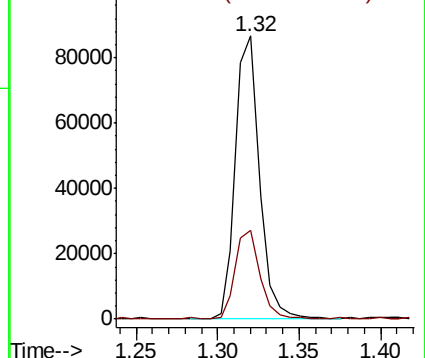
50 100

52 30.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.242 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015099.D

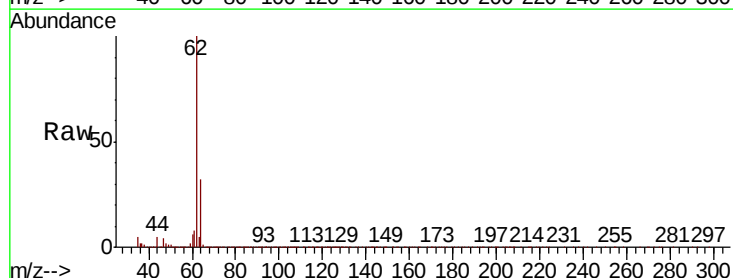
Acq: 05 Mar 2020 10:18

Tgt Ion: 62 Resp: 85260

Ion Ratio Lower Upper

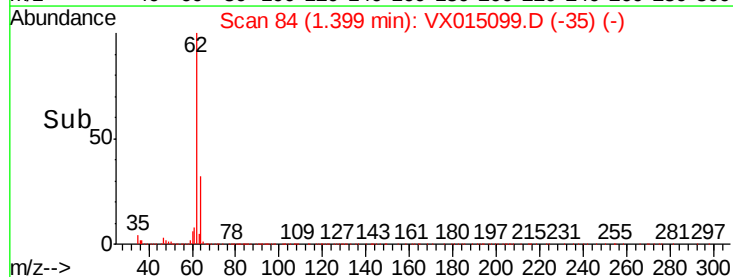
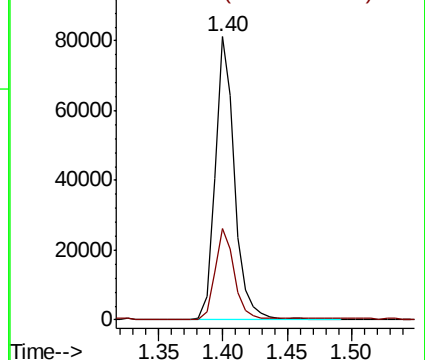
62 100

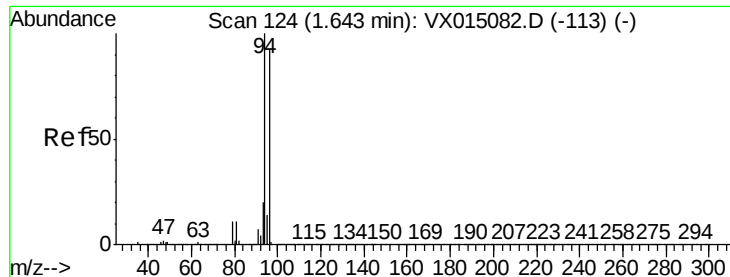
64 32.0 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.342 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

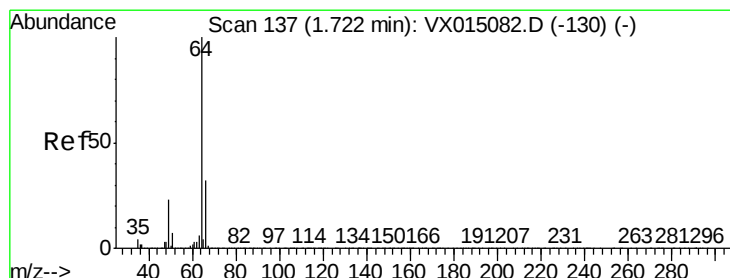
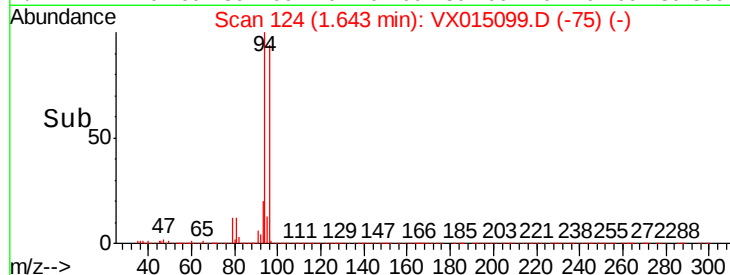
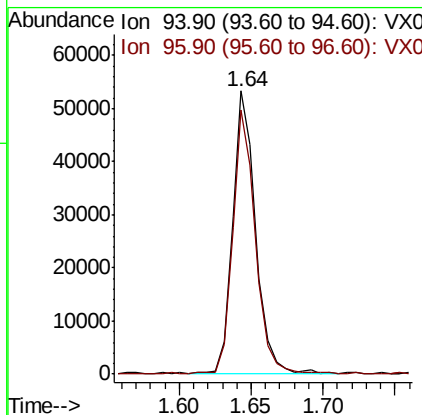
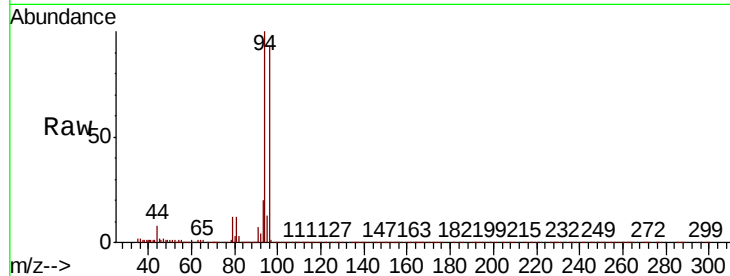
VX0305WBSD01

Tot Ion: 94 Resp: 58450

Ion Ratio Lower Upper

94 100

96 93.5 74.6 111.8



#6

Chloroethane

Concen: 18.900 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015099.D

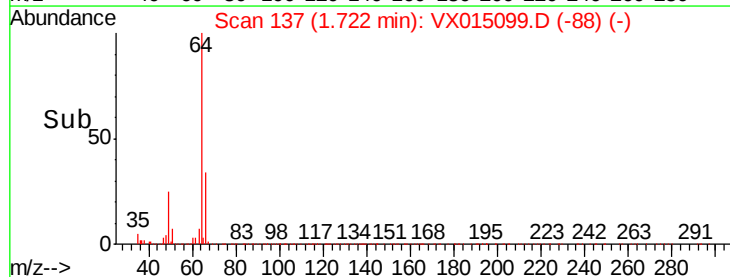
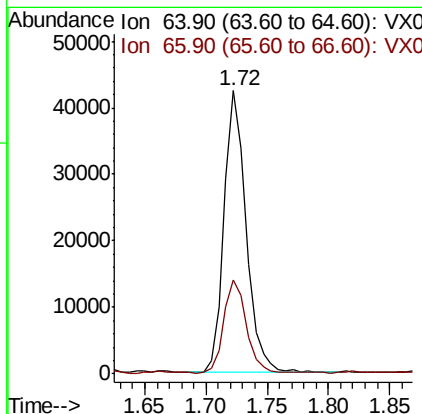
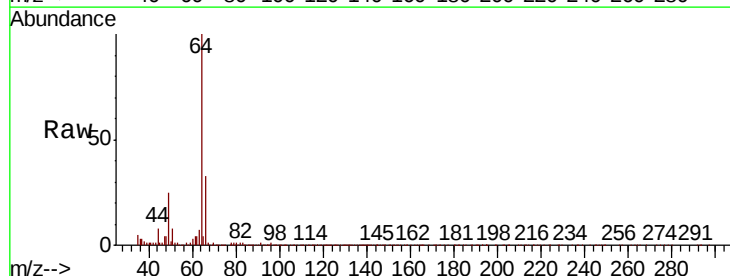
Acq: 05 Mar 2020 10:18

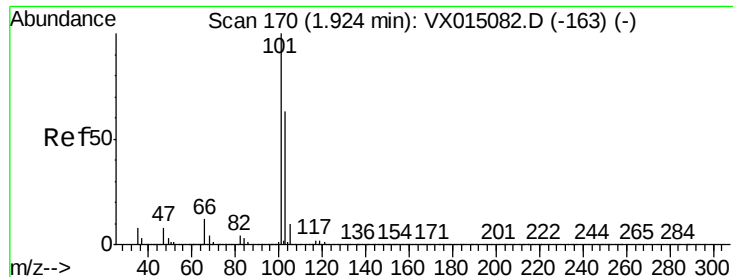
Tgt Ion: 64 Resp: 52990

Ion Ratio Lower Upper

64 100

66 33.1 25.8 38.8



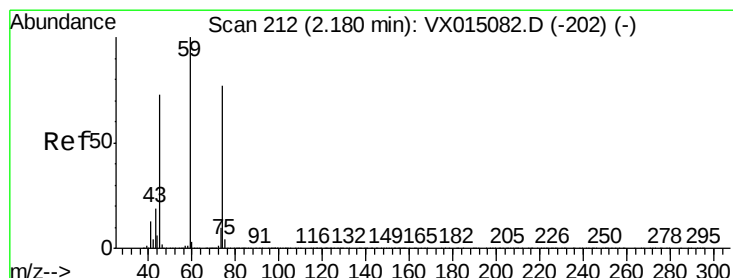
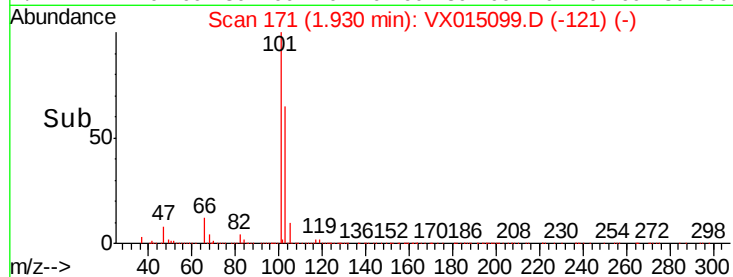
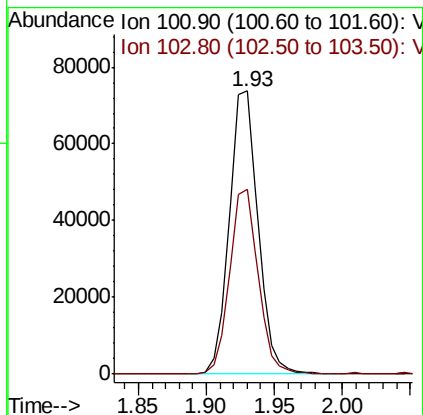
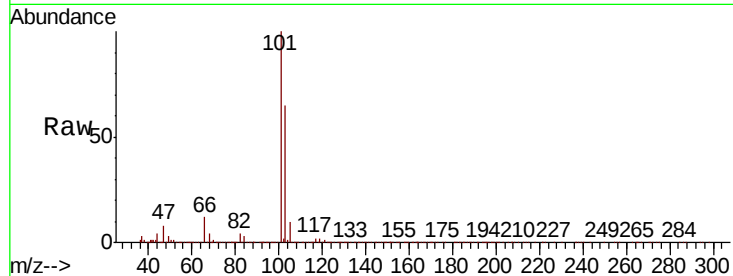


#7

Trichlorofluoromethane
 Concen: 19.483 ug/l
 RT: 1.93 min Scan# 171
 Delta R.T. 0.01 min
 Lab File: VX015099.D
 Acq: 05 Mar 2020 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

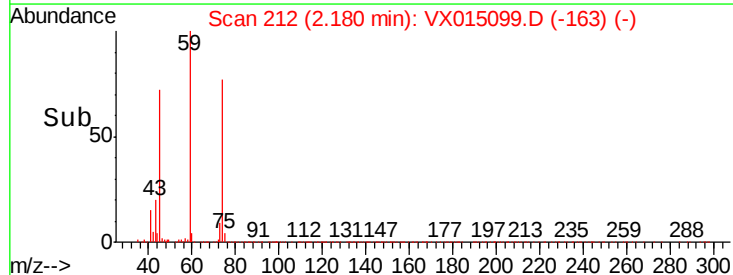
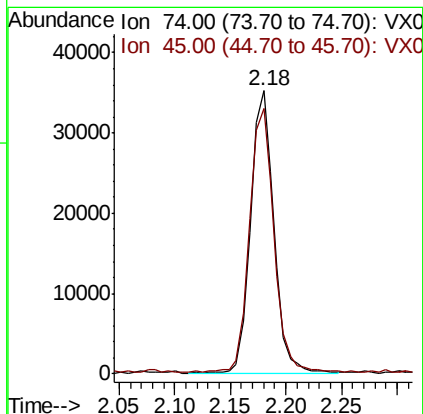
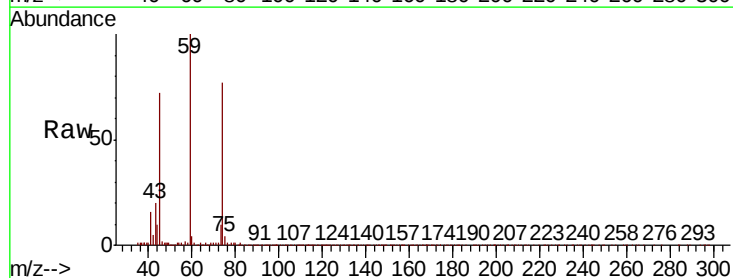
Tot Ion:101 Resp: 108348
 Ion Ratio Lower Upper
 101 100
 103 65.2 50.4 75.6

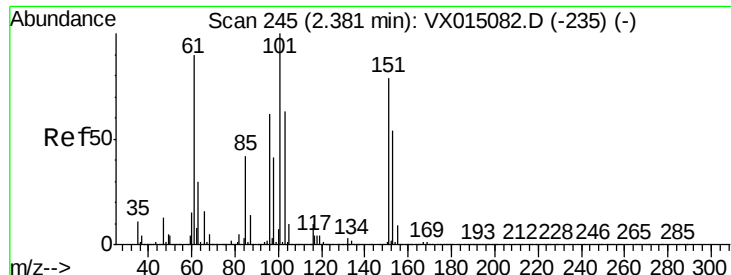


#8

Diethyl Ether
 Concen: 20.347 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX015099.D
 Acq: 05 Mar 2020 10:18

Tgt Ion: 74 Resp: 51251
 Ion Ratio Lower Upper
 74 100
 45 97.4 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.125 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

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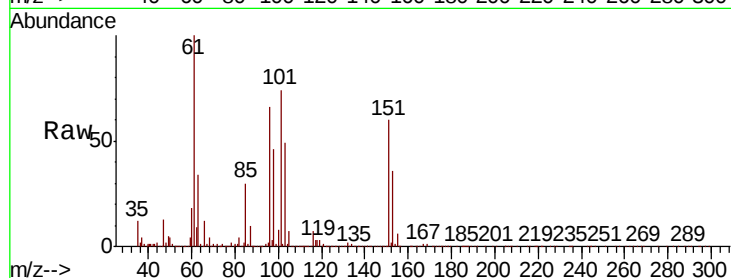
Tot Ion:101 Resp: 70416

Ion Ratio Lower Upper

101 100

85 41.9 33.7 50.5

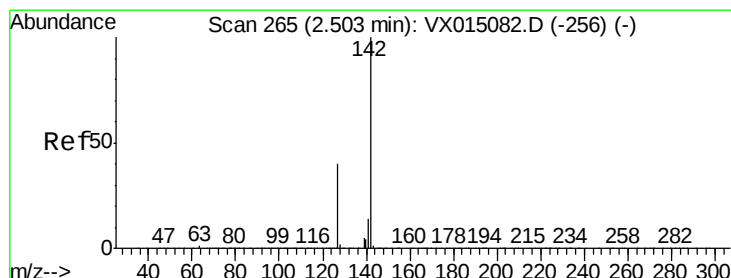
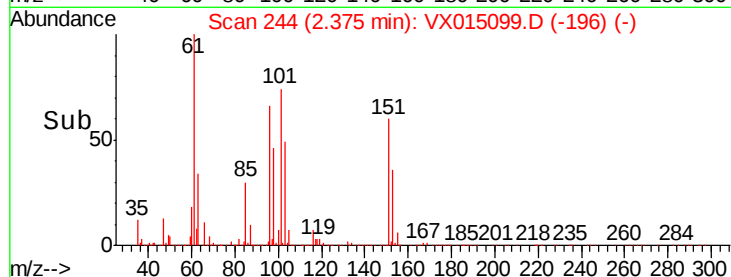
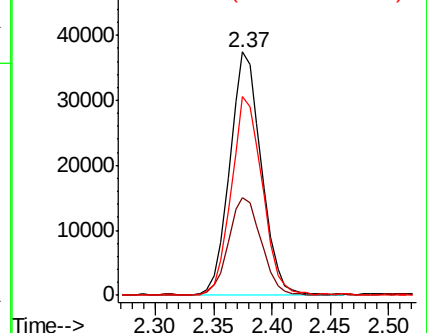
151 80.9 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.421 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

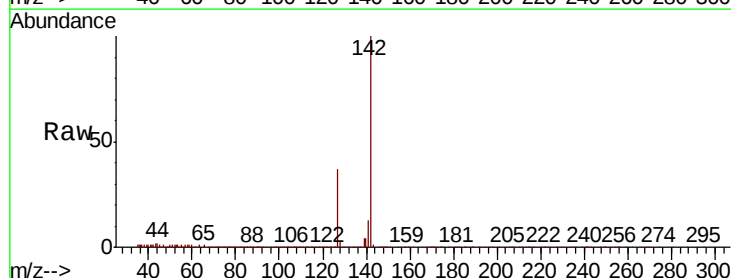
Tgt Ion:142 Resp: 72820

Ion Ratio Lower Upper

142 100

127 39.3 31.7 47.5

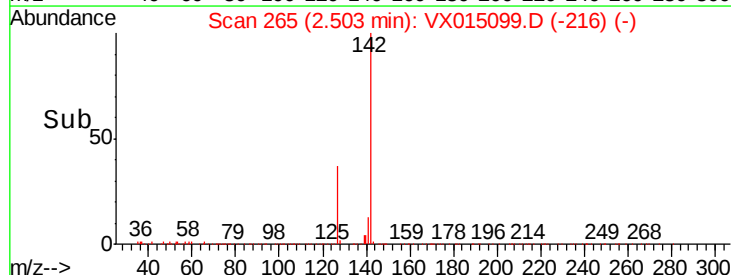
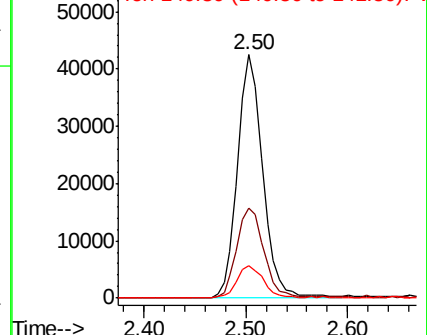
141 14.3 11.3 16.9

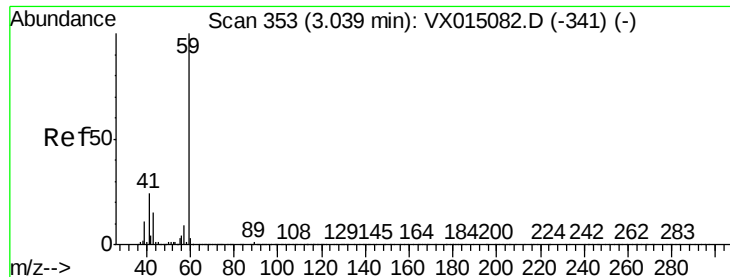


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



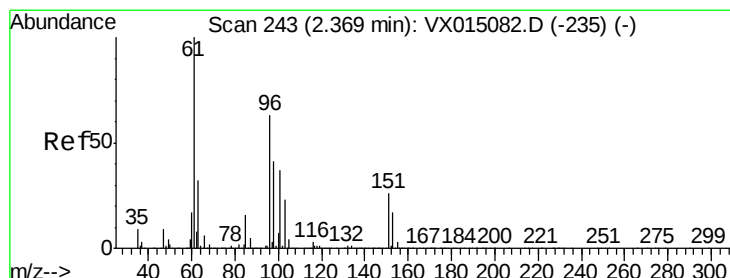
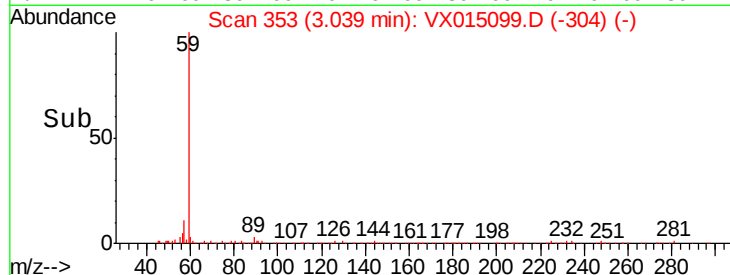
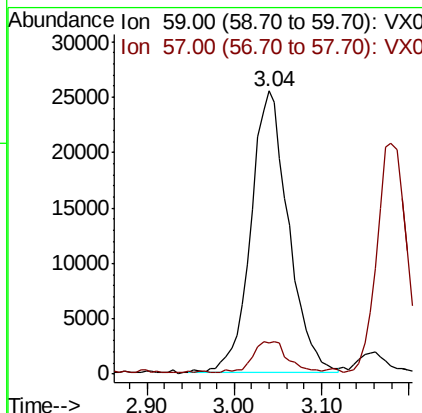
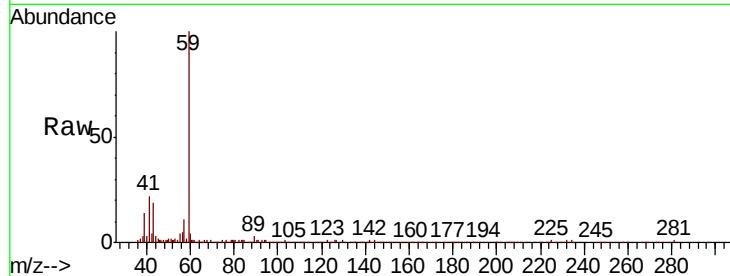


#11

Tert butyl alcohol
 Concen: 99.517 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VX015099.D
 Acq: 05 Mar 2020 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

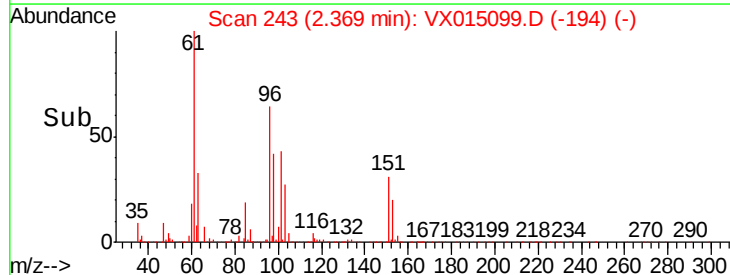
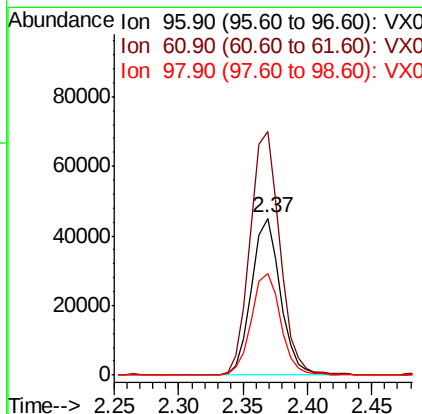
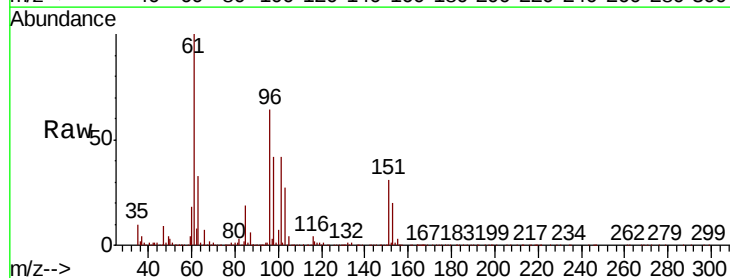
Tot Ion: 59 Resp: 76117
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.4

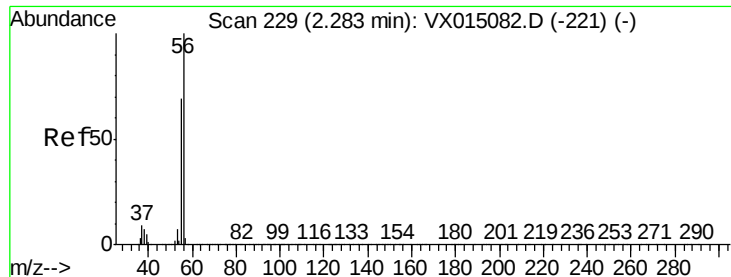


#12

1,1-Dichloroethene
 Concen: 19.232 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX015099.D
 Acq: 05 Mar 2020 10:18

Tgt Ion: 96 Resp: 69447
 Ion Ratio Lower Upper
 96 100
 61 154.9 126.2 189.4
 98 64.5 51.4 77.0





#13

Acrolein

Concen: 78.870 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

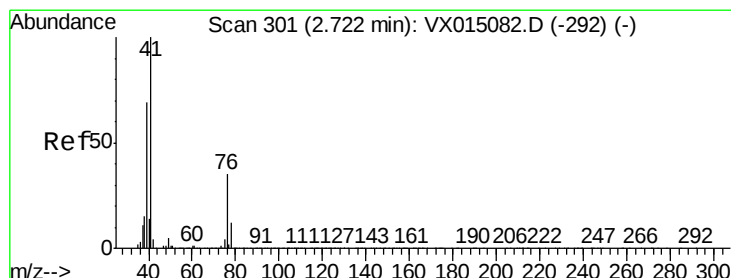
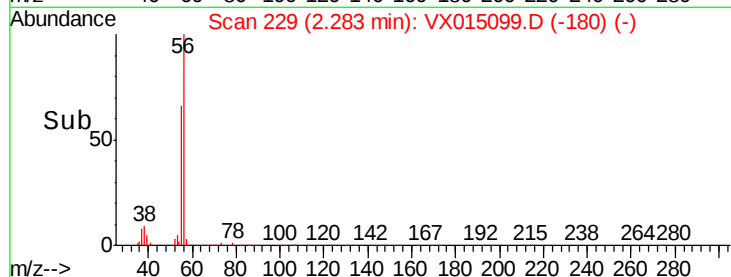
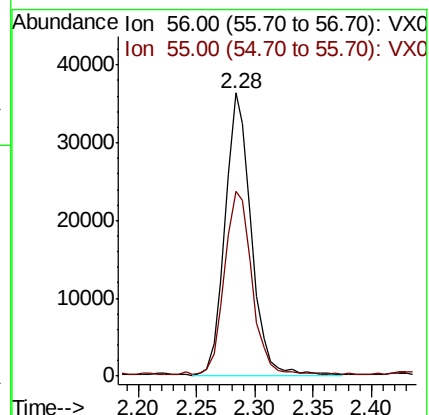
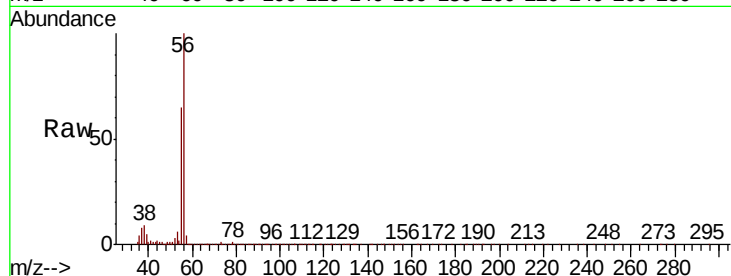
VX0305WBSD01

Tot Ion: 56 Resp: 56691

Ion Ratio Lower Upper

56 100

55 66.9 55.4 83.0



#14

Allyl chloride

Concen: 18.681 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

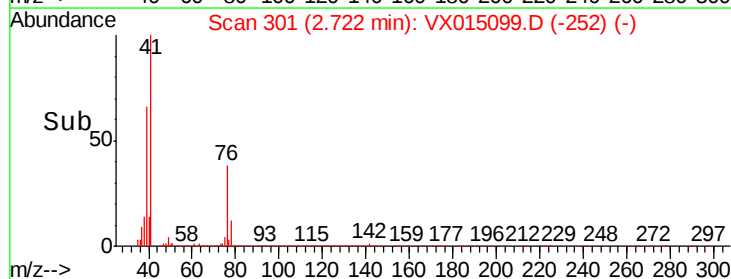
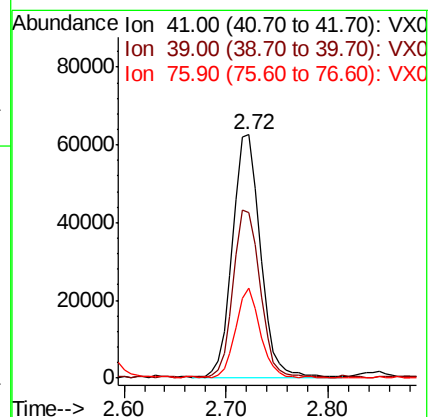
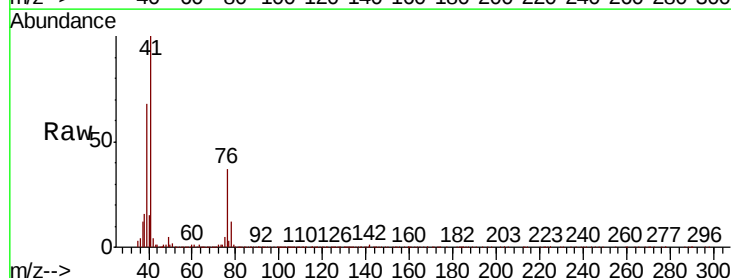
Tgt Ion: 41 Resp: 117624

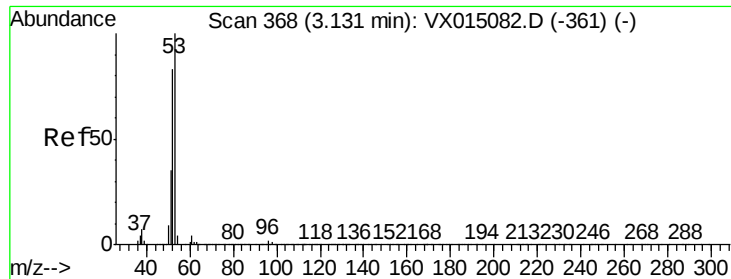
Ion Ratio Lower Upper

41 100

39 68.7 52.9 79.3

76 32.1 26.8 40.2





#15

Acrylonitrile

Concen: 95.347 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

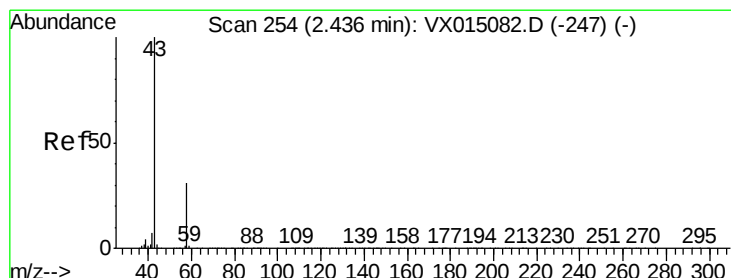
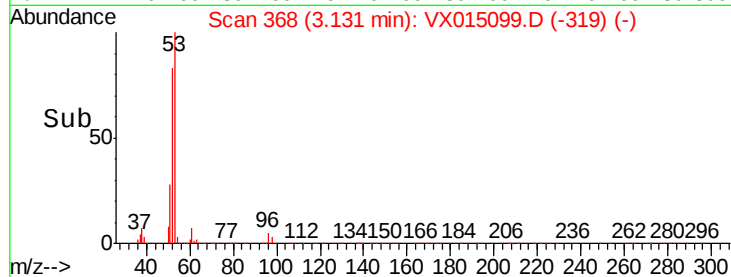
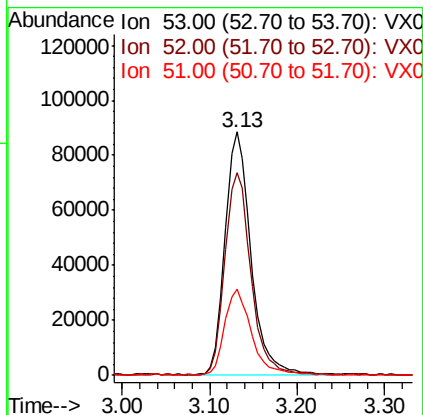
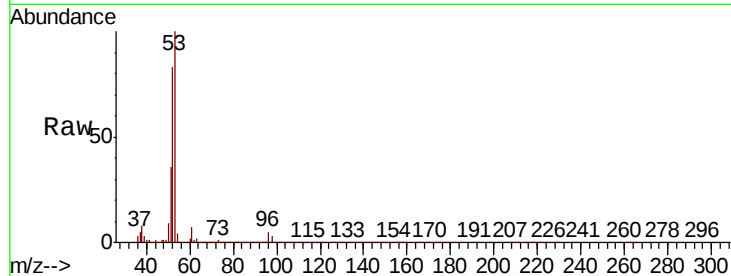
Tot Ion: 53 Resp: 181620

Ion Ratio Lower Upper

53 100

52 83.8 66.6 100.0

51 36.3 29.0 43.6



#16

Acetone

Concen: 96.771 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX015099.D

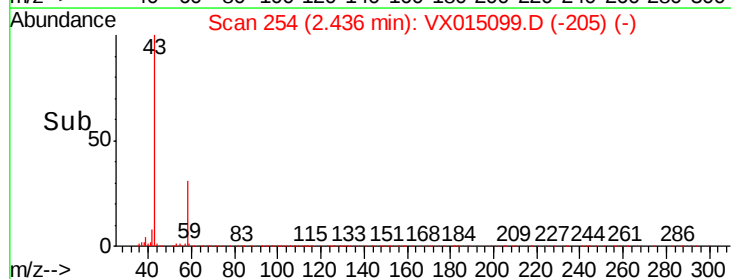
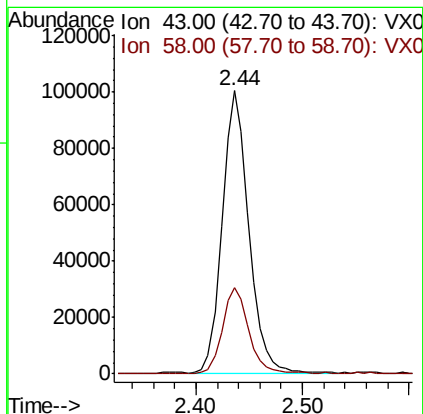
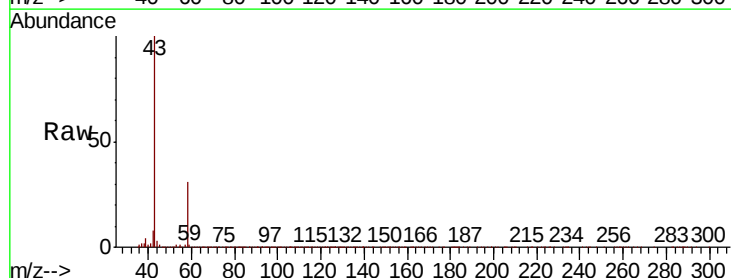
Acq: 05 Mar 2020 10:18

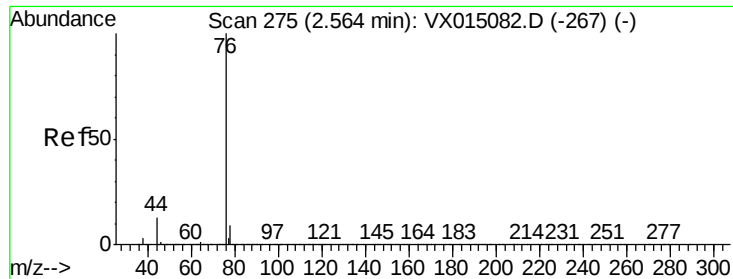
Tgt Ion: 43 Resp: 172769

Ion Ratio Lower Upper

43 100

58 30.6 24.8 37.2

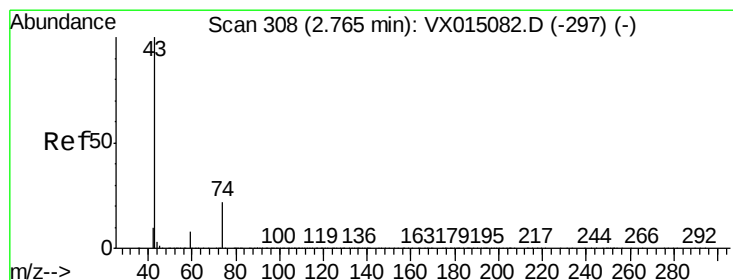
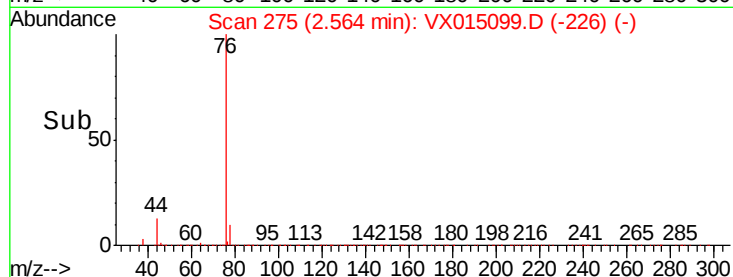
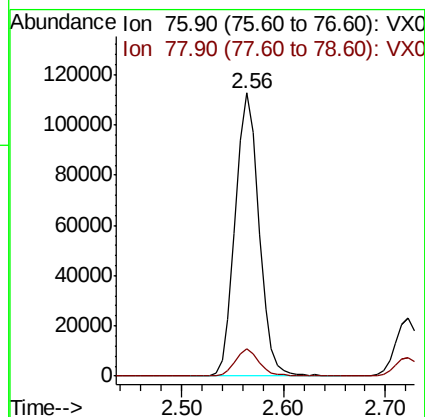
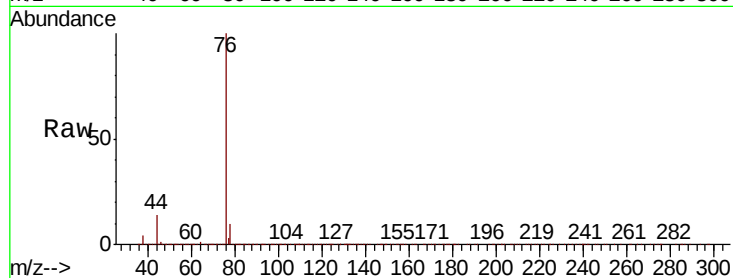




#17
Carbon Disulfide
Concen: 18.011 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

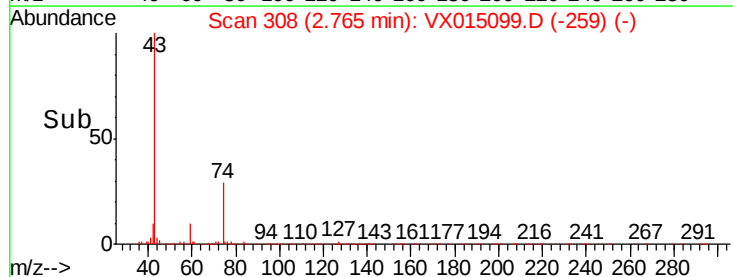
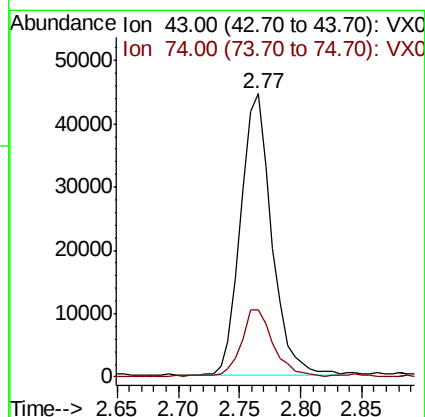
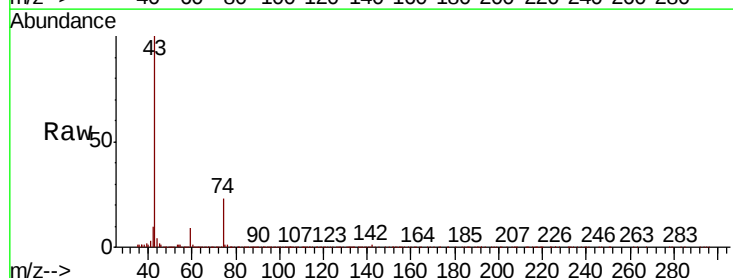
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

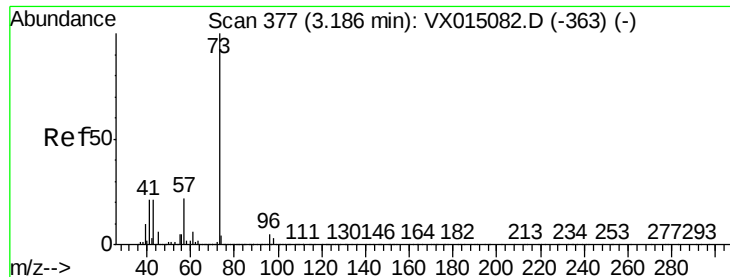
Tot Ion: 76 Resp: 180620
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 18.015 ug/l
RT: 2.77 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion: 43 Resp: 78645
Ion Ratio Lower Upper
43 100
74 24.3 18.8 28.2



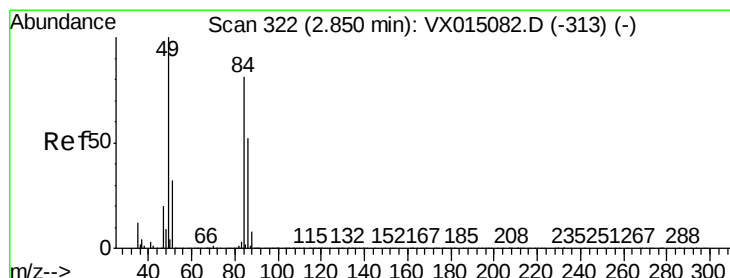
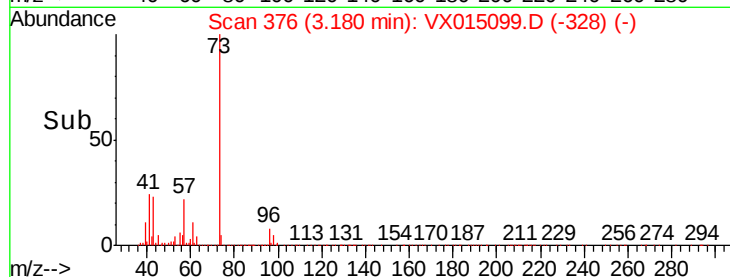
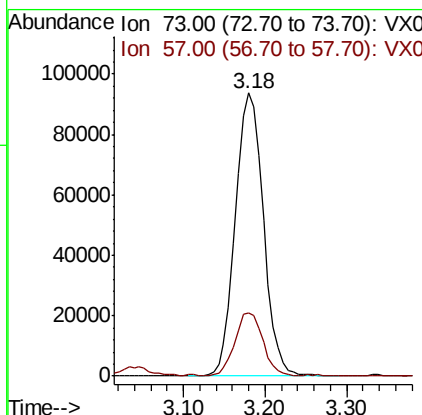
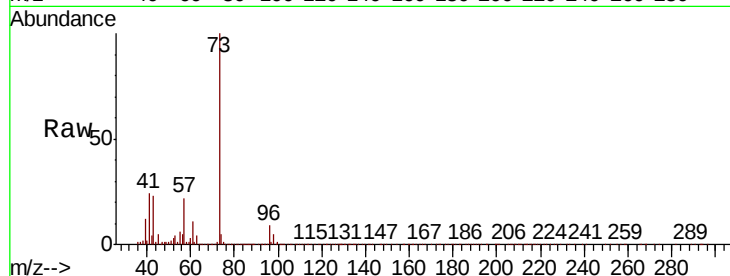


#19

Methyl tert-butyl Ether
 Concen: 19.741 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX015099.D
 Acq: 05 Mar 2020 10:18

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0305WBSD01

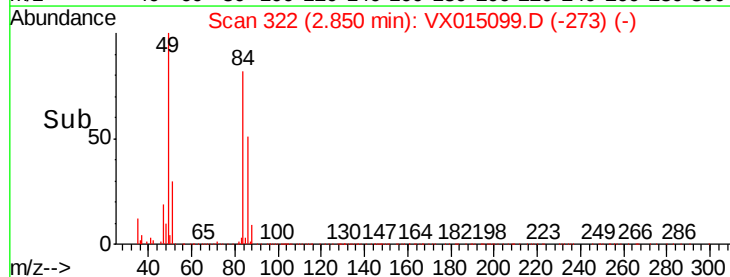
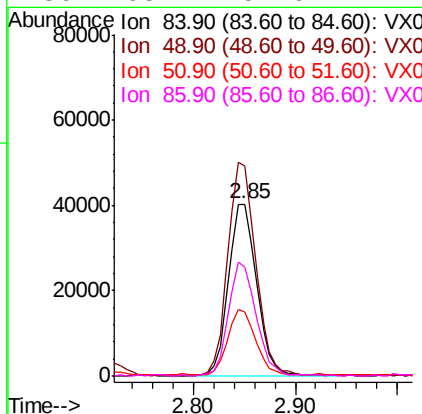
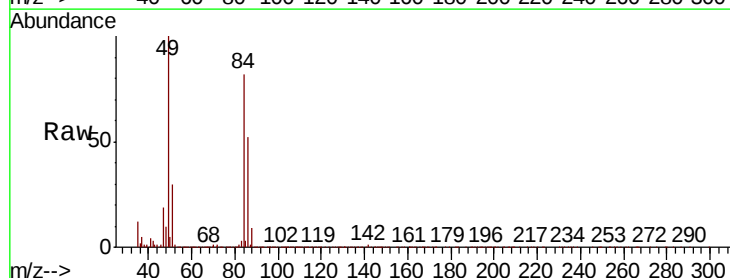
Tot Ion: 73 Resp: 222756
 Ion Ratio Lower Upper
 73 100
 57 22.0 17.8 26.6

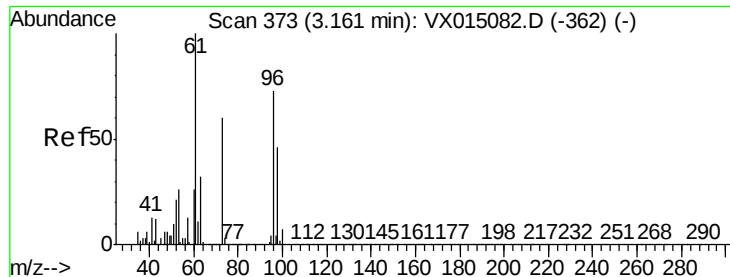


#20

Methylene Chloride
 Concen: 18.430 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX015099.D
 Acq: 05 Mar 2020 10:18

Tgt Ion: 84 Resp: 77005
 Ion Ratio Lower Upper
 84 100
 49 121.9 99.4 149.2
 51 36.3 31.5 47.3
 86 63.1 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 18.770 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

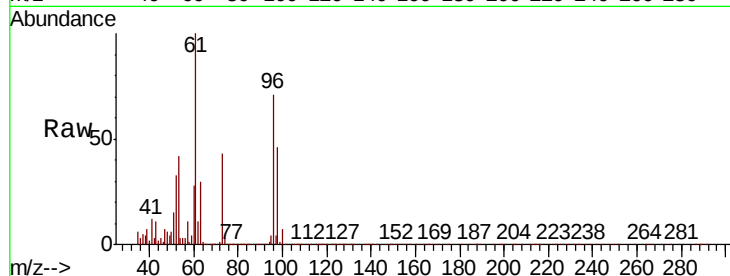
Tot Ion: 96 Resp: 72373

Ion Ratio Lower Upper

96 100

61 141.2 109.9 164.9

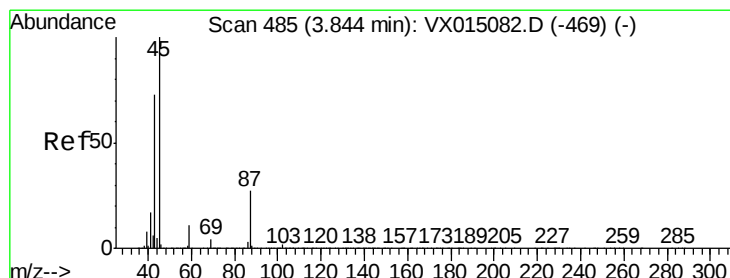
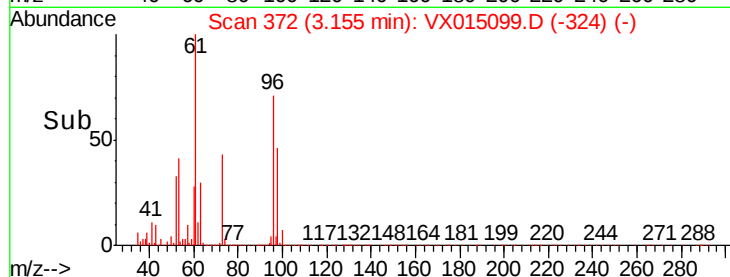
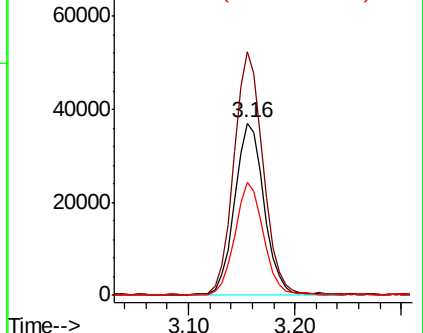
98 65.1 50.2 75.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.649 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Tgt Ion: 45 Resp: 246486

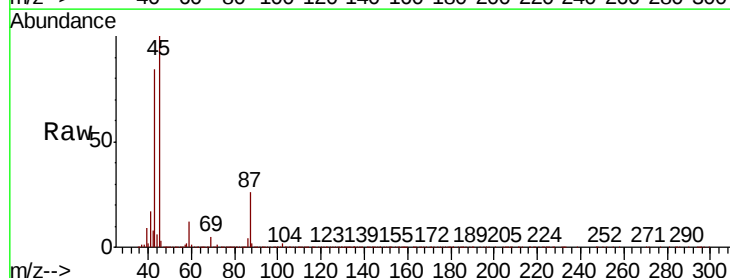
Ion Ratio Lower Upper

45 100

43 83.0 58.2 87.2

87 26.1 21.2 31.8

59 11.8 8.9 13.3

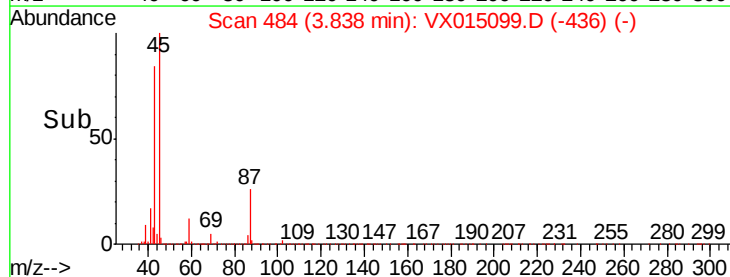
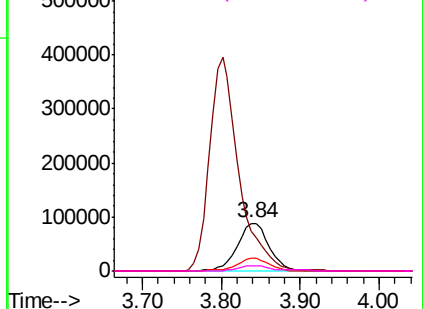


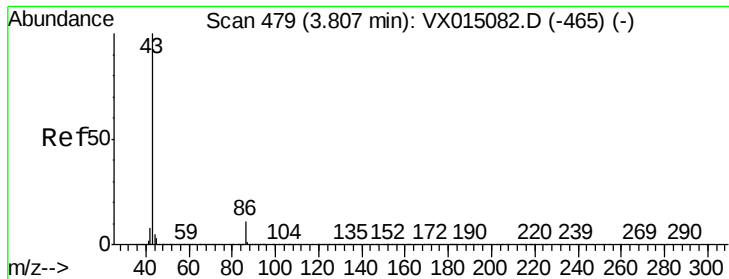
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 98.890 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

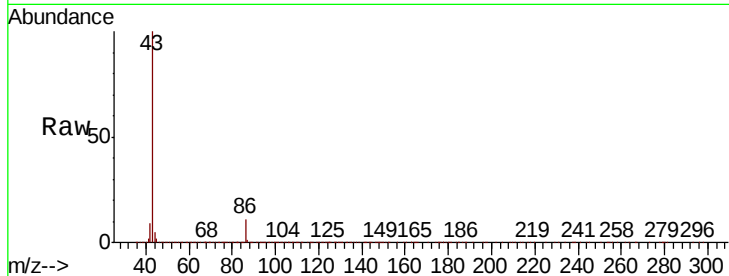
VX0305WBSD01

Tot Ion: 43 Resp: 1019728

Ion Ratio Lower Upper

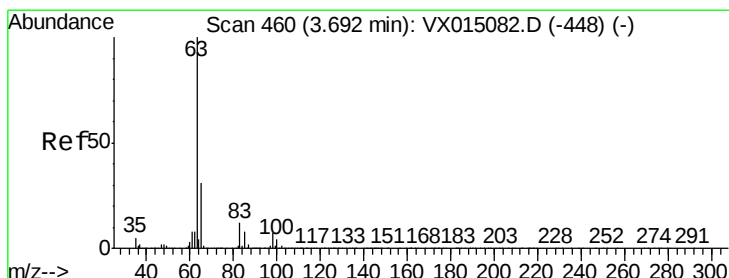
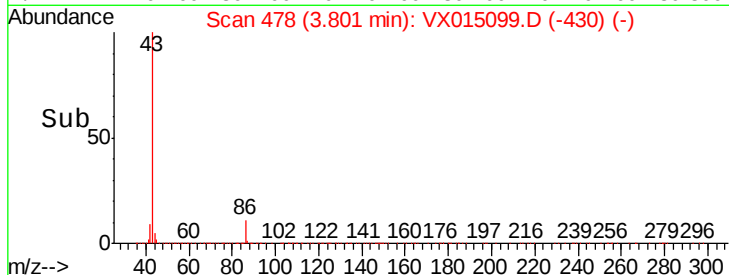
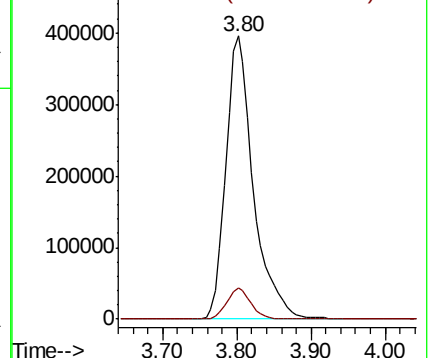
43 100

86 10.9 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.632 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

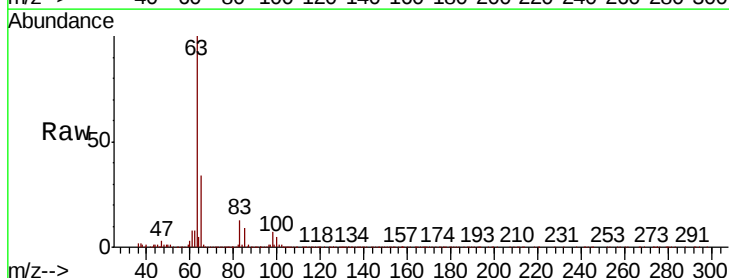
Tgt Ion: 63 Resp: 129724

Ion Ratio Lower Upper

63 100

98 7.2 3.7 11.1

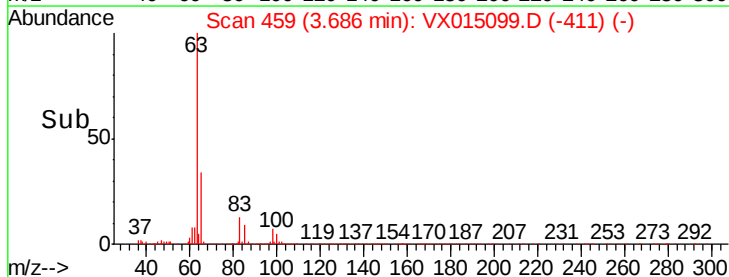
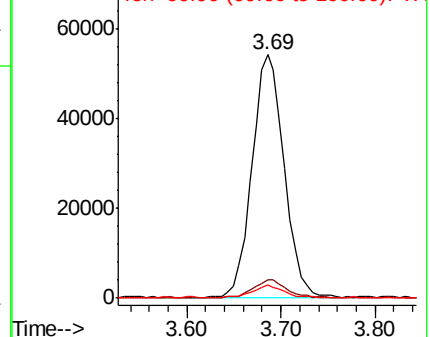
100 5.1 2.1 6.5

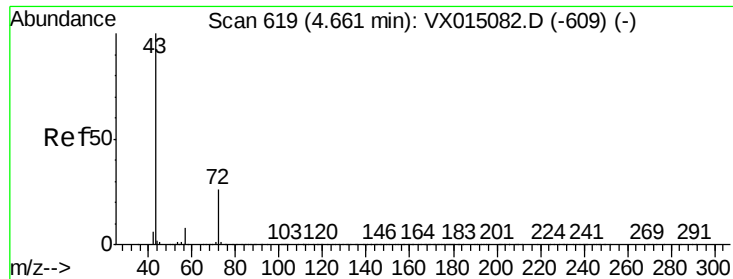


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

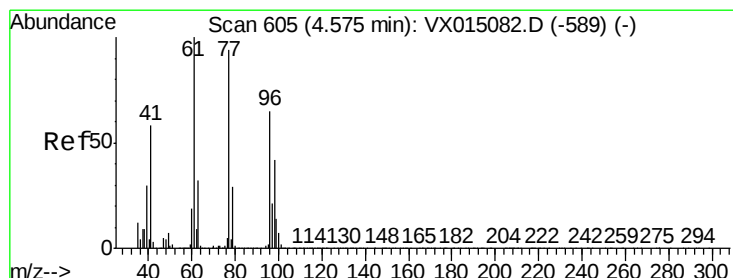
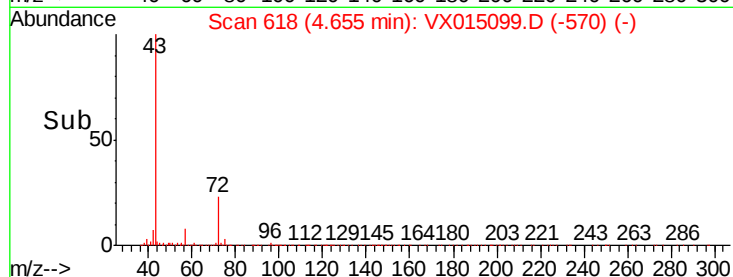
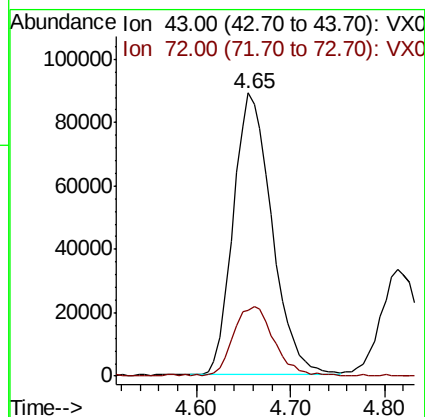
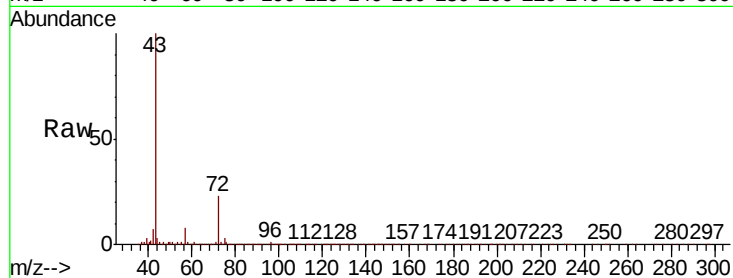




#25
2-Butanone
Concen: 97.536 ug/l
RT: 4.65 min Scan# 618
Delta R.T. -0.01 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

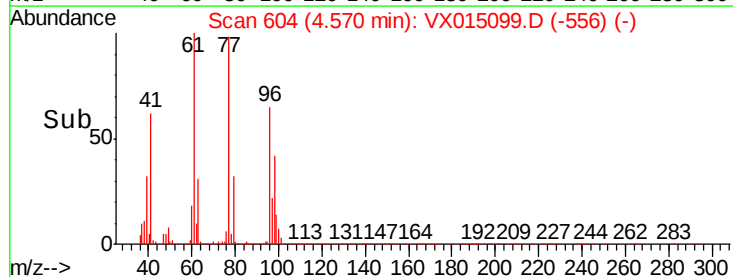
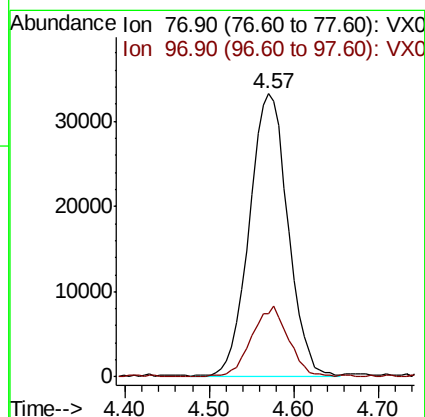
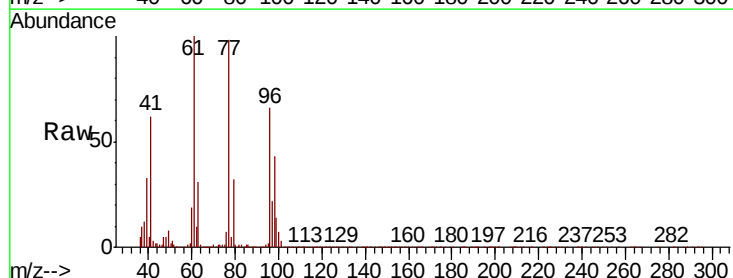
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

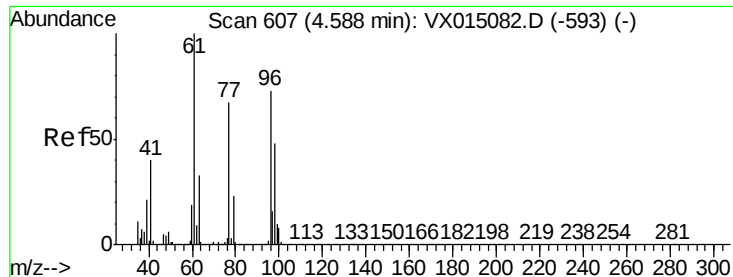
Tot Ion: 43 Resp: 254934
Ion Ratio Lower Upper
43 100
72 22.9 20.6 30.8



#26
2,2-Dichloropropane
Concen: 18.615 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.01 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion: 77 Resp: 102886
Ion Ratio Lower Upper
77 100
97 24.1 11.8 35.4



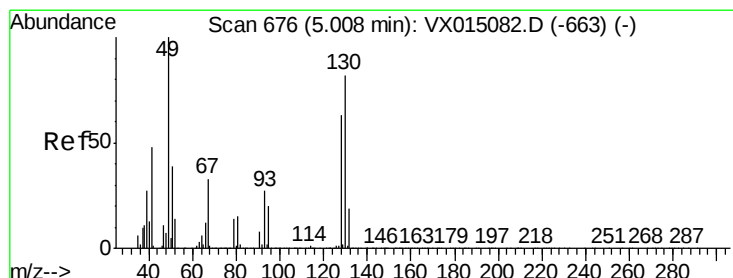
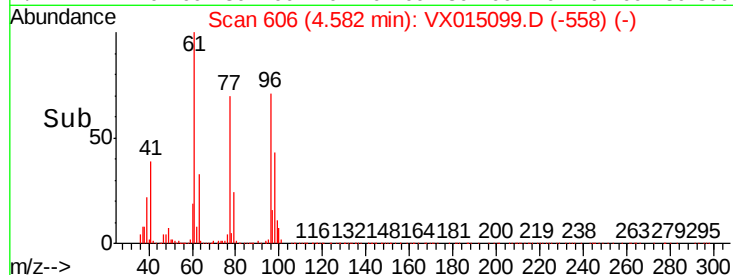
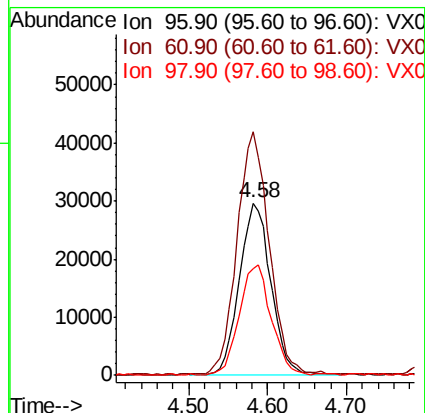
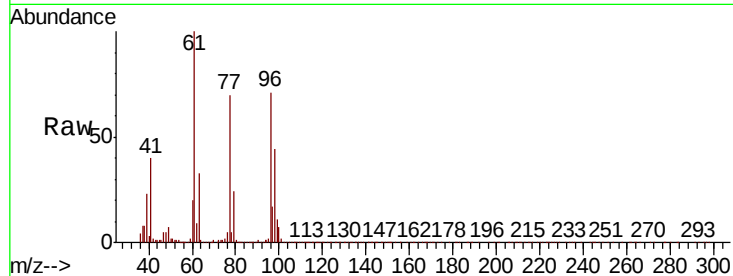


#27

cis-1,2-Dichloroethene
Concen: 19.208 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

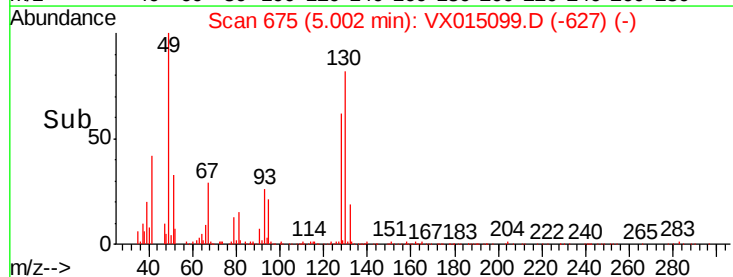
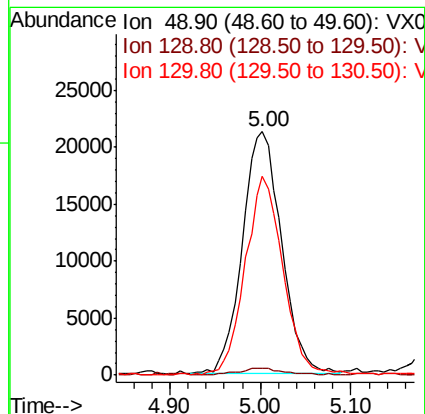
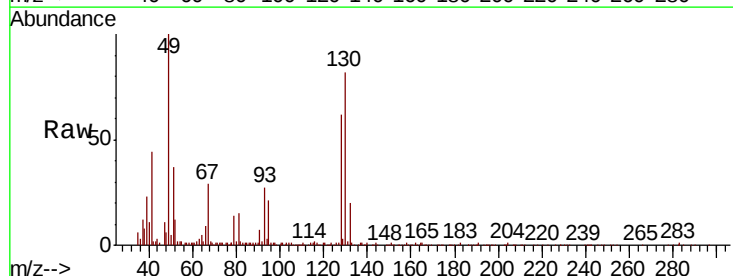
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.2	0.0	286.8
98	63.3	0.0	128.4

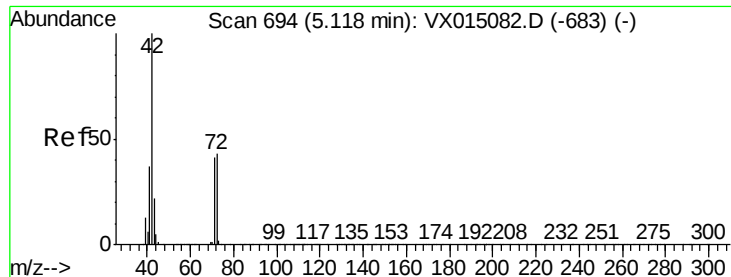


#28

Bromochloromethane
Concen: 19.833 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.4	0.0	4.4
130	79.6	65.0	97.6





#29

Tetrahydrofuran

Concen: 92.789 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampled :

VX0305WBSD01

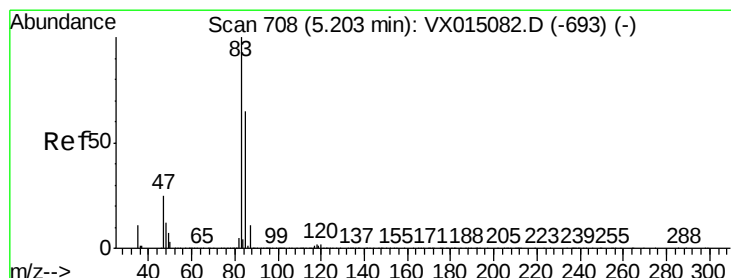
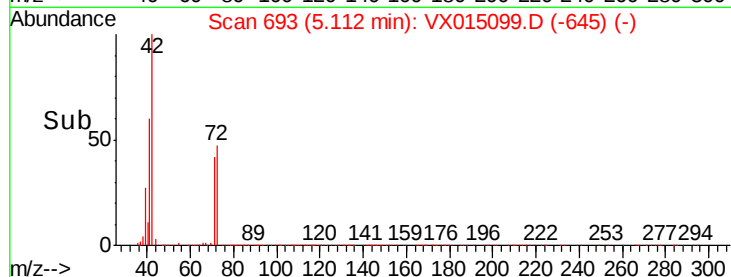
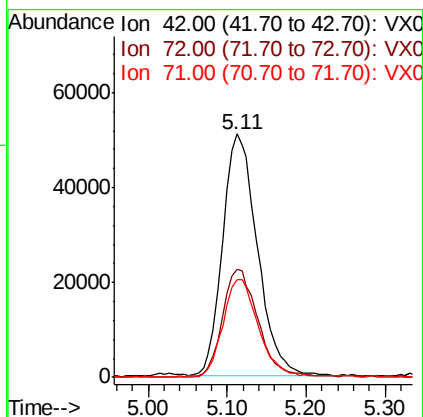
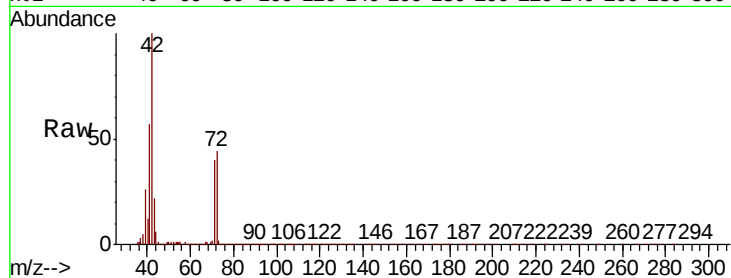
Tot Ion: 42 Resp: 156335

Ion Ratio Lower Upper

42 100

72 45.5 36.4 54.6

71 42.2 33.3 49.9



#30

Chloroform

Concen: 19.067 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX015099.D

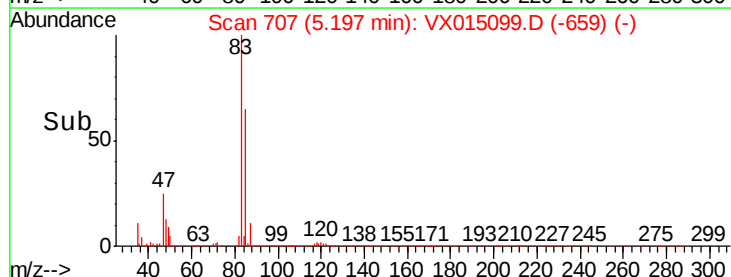
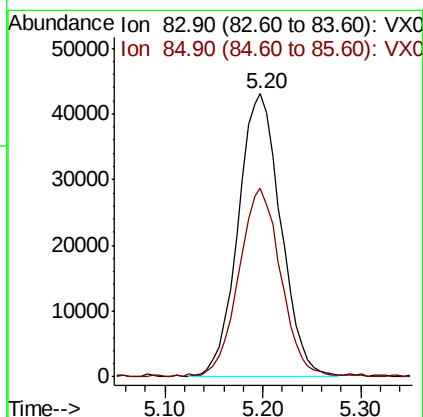
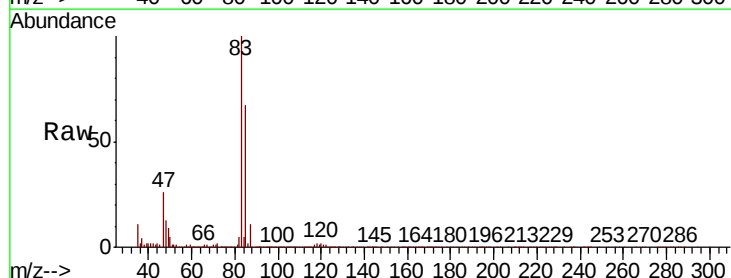
Acq: 05 Mar 2020 10:18

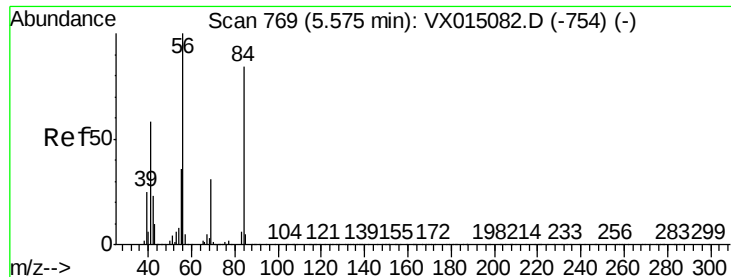
Tgt Ion: 83 Resp: 129384

Ion Ratio Lower Upper

83 100

85 66.5 52.0 78.0

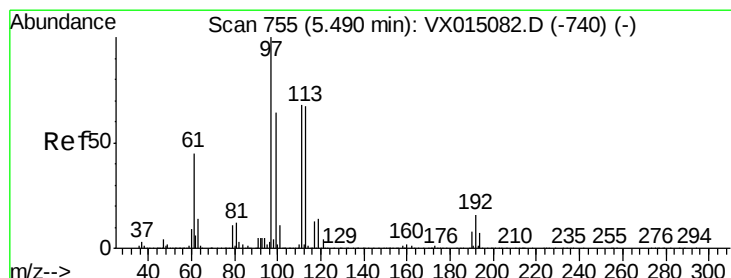
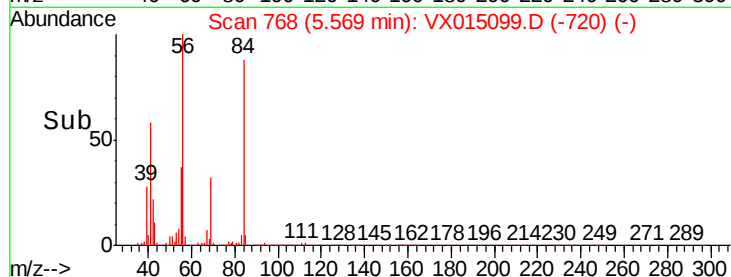
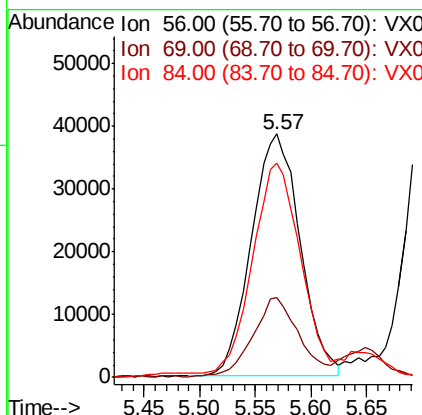
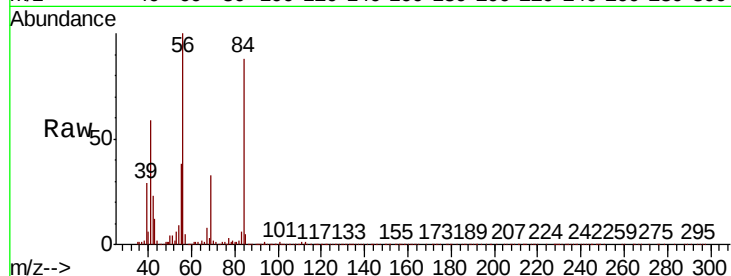




#31
Cyclohexane
Concen: 18.941 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

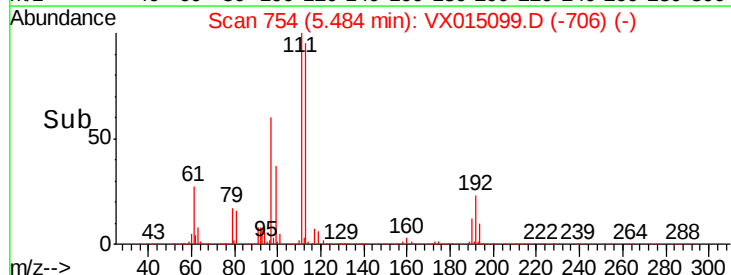
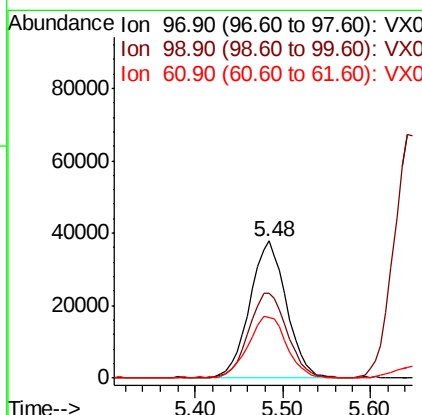
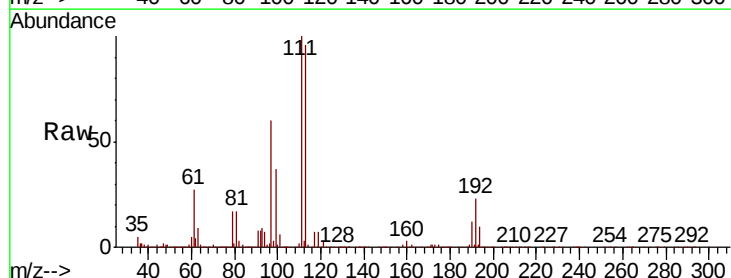
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

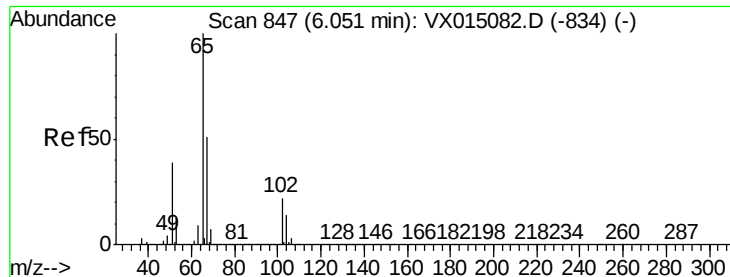
Tot Ion: 56 Resp: 117628
Ion Ratio Lower Upper
56 100
69 32.8 25.0 37.6
84 86.9 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 19.625 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion: 97 Resp: 110394
Ion Ratio Lower Upper
97 100
99 65.2 52.8 79.2
61 45.9 36.6 54.8





#33

1,2-Dichloroethane-d4

Concen: 50.078 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

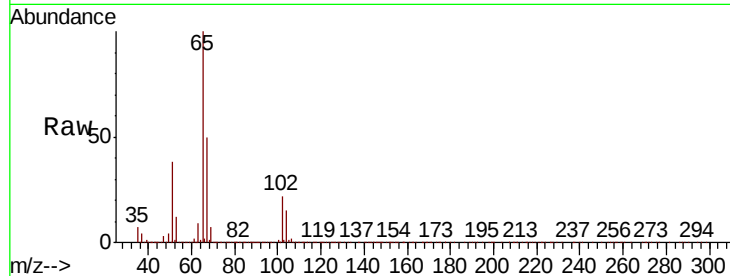
VX0305WBSD01

Tot Ion: 65 Resp: 220766

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

80000

60000

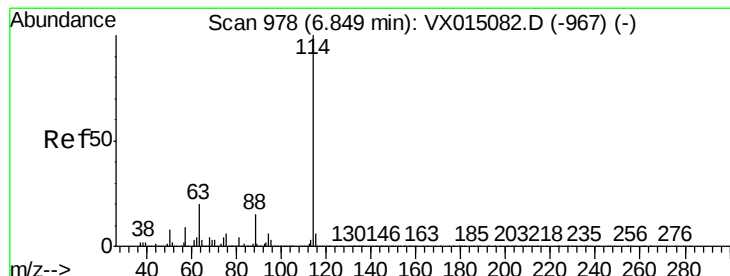
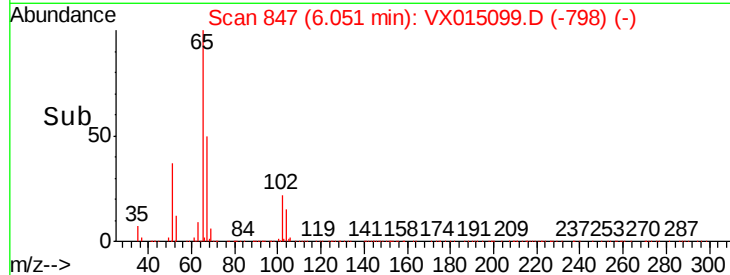
40000

20000

0

6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

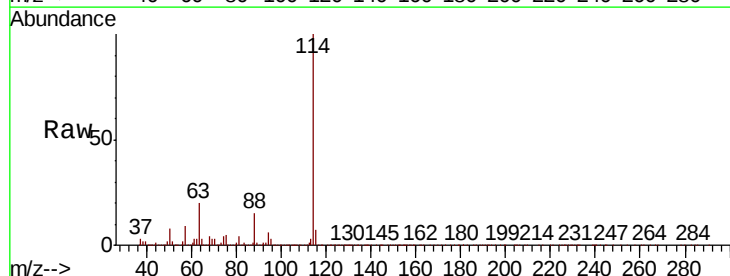
Tgt Ion: 114 Resp: 547395

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 14.9 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.84

300000

250000

200000

150000

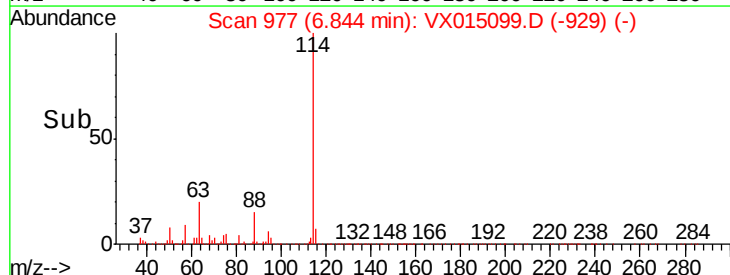
100000

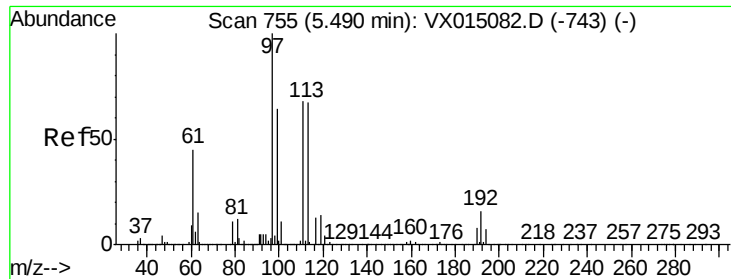
50000

0

6.70 6.80 6.90 7.00

Time-->

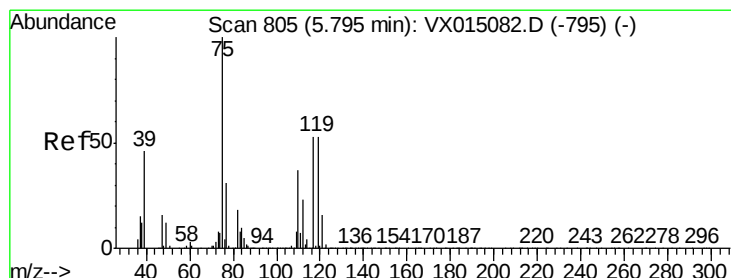
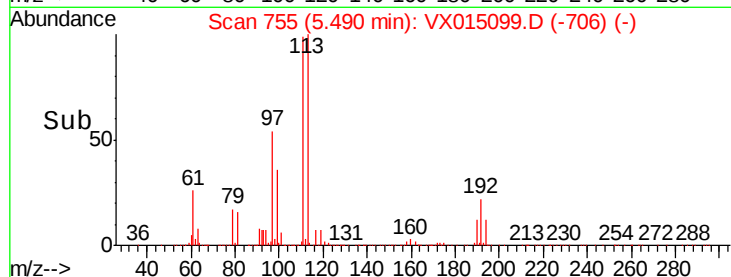
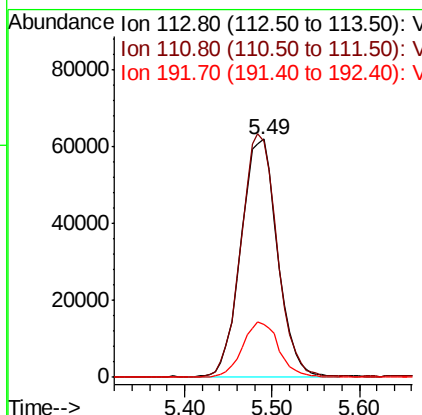
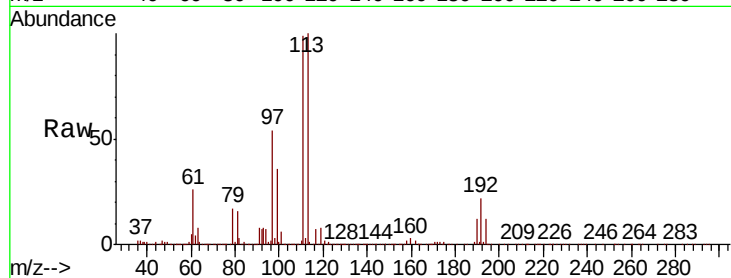




#35
 Dibromofluoromethane
 Concen: 51.887 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX015099.D
 Acq: 05 Mar 2020 10:18

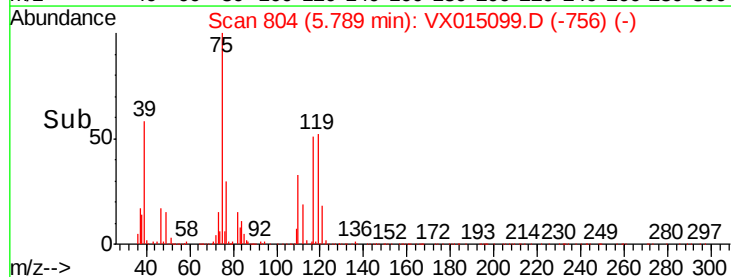
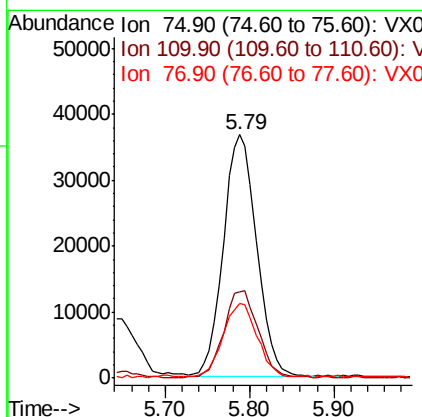
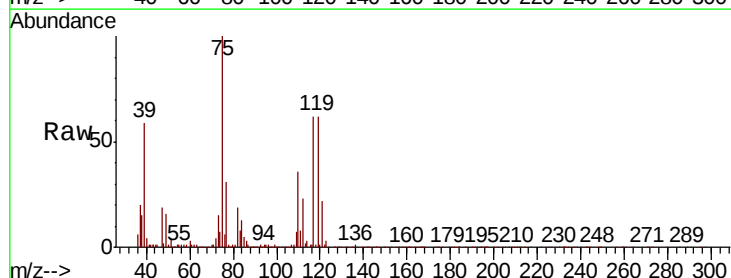
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.6	123.8
192	23.4	18.6	28.0



#36
 1,1-Dichloropropene
 Concen: 19.548 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015099.D
 Acq: 05 Mar 2020 10:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	17.9	53.8
77	30.6	24.8	37.2

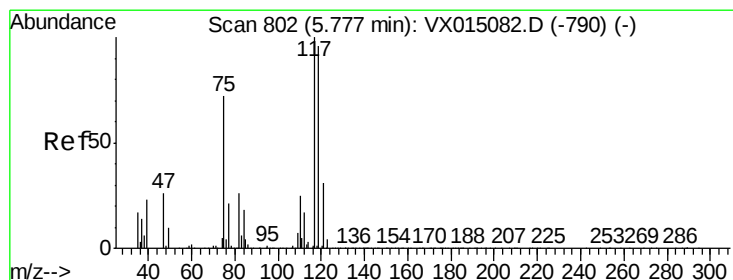
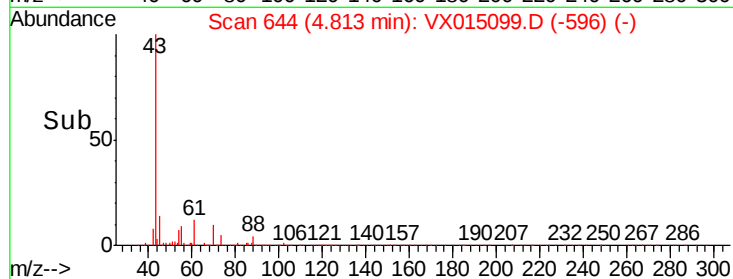
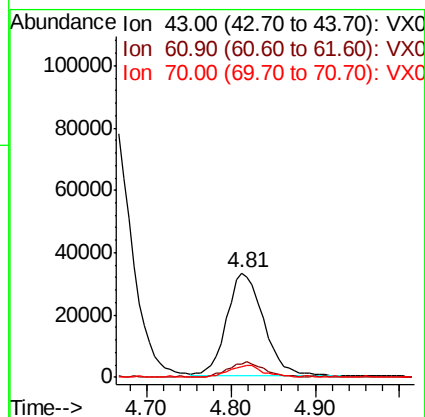
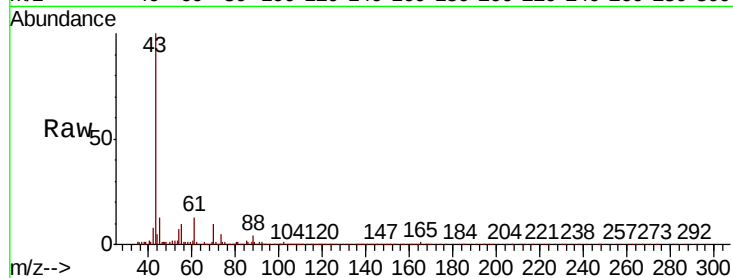




#37
Ethyl Acetate
Concen: 21.082 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

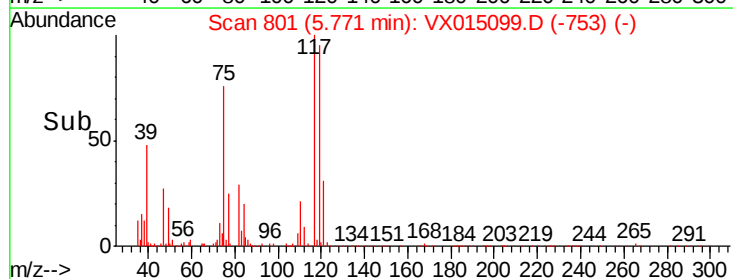
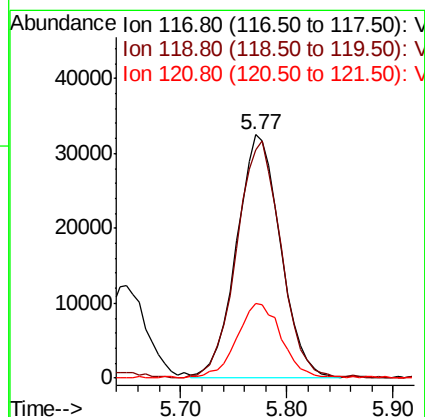
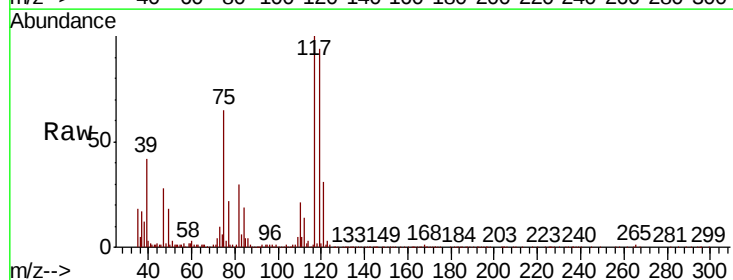
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

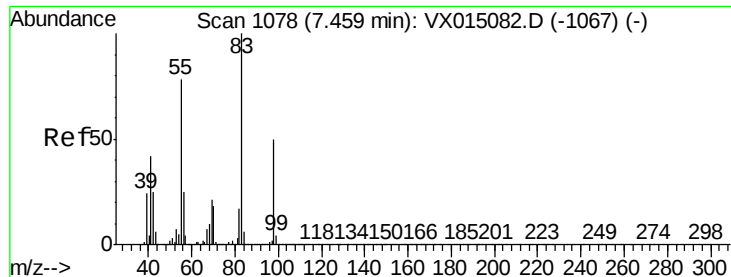
Tot Ion: 43 Resp: 98959
Ion Ratio Lower Upper
43 100
61 13.3 11.0 16.4
70 10.3 8.1 12.1



#38
Carbon Tetrachloride
Concen: 19.584 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion: 117 Resp: 93545
Ion Ratio Lower Upper
117 100
119 93.7 76.9 115.3
121 30.4 24.6 37.0

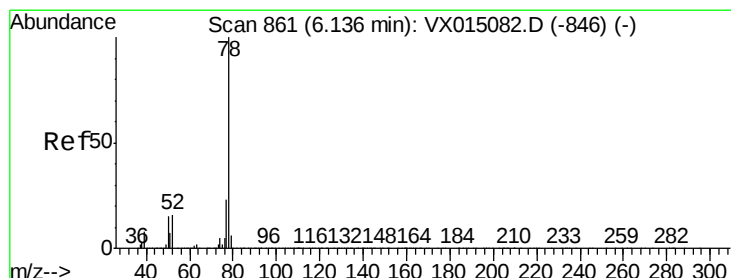
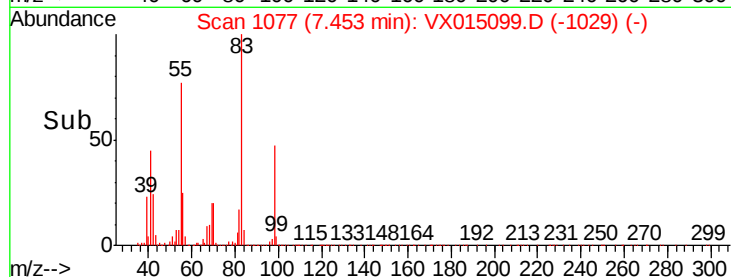
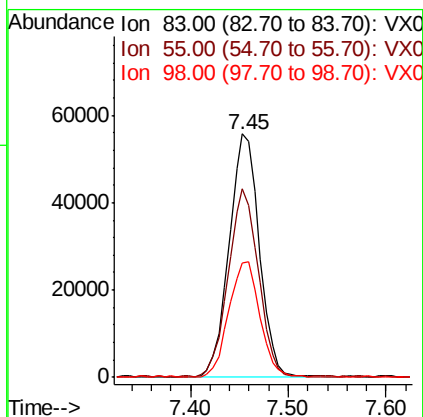
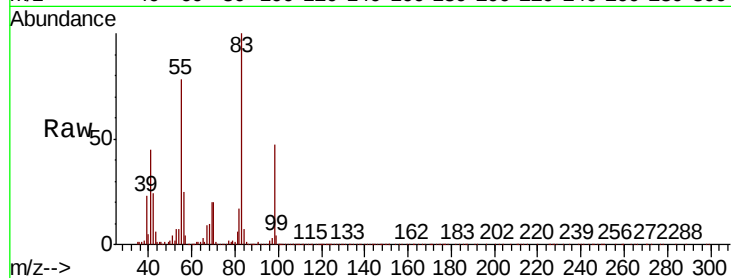




#39
Methvlcvclohexane
Concen: 20.266 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

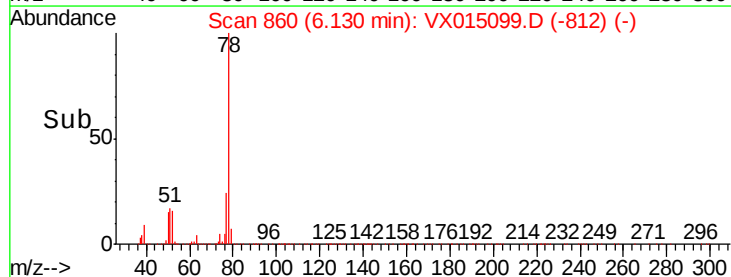
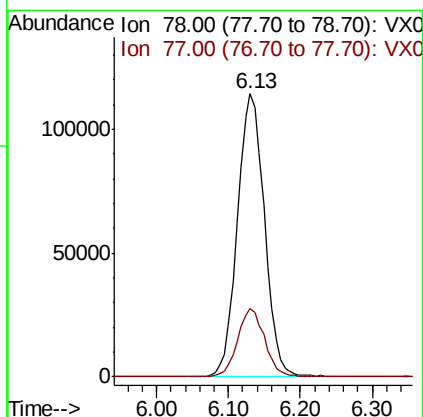
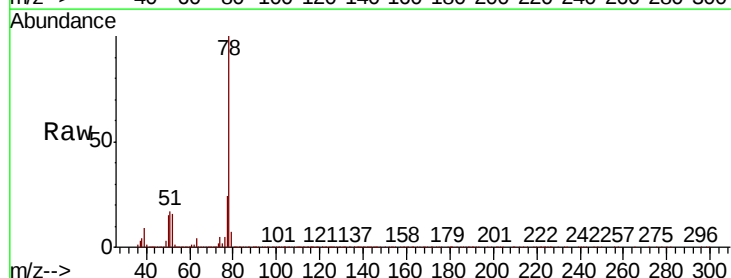
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

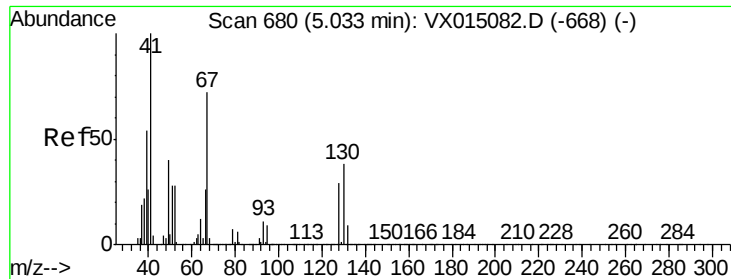
Tot Ion: 83 Resp: 119753
Ion Ratio Lower Upper
83 100
55 77.4 62.4 93.6
98 46.7 39.7 59.5



#40
Benzene
Concen: 19.756 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion: 78 Resp: 296608
Ion Ratio Lower Upper
78 100
77 24.1 18.6 28.0

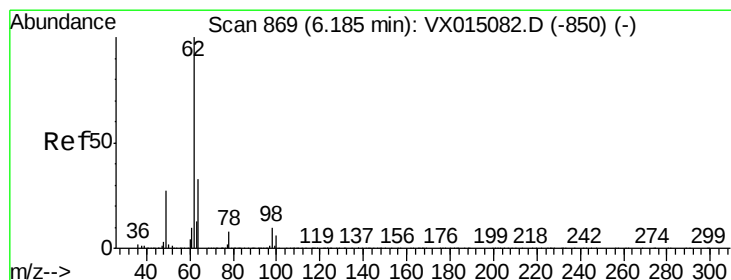
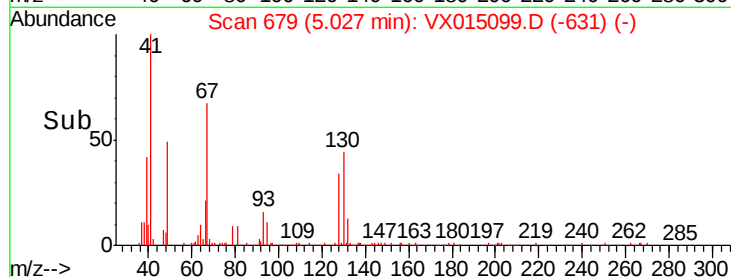
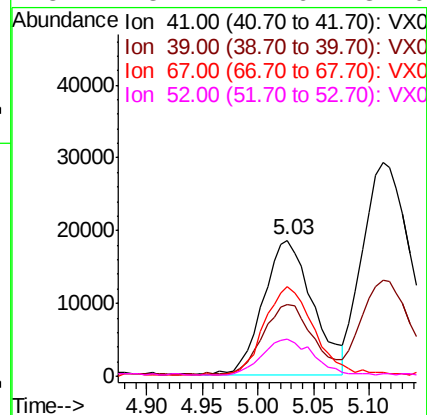
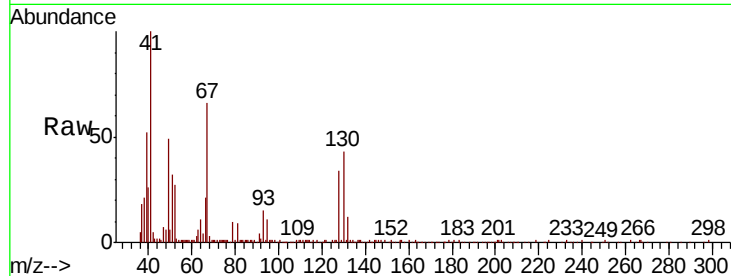




#41
Methacrylonitrile
Concen: 20.323 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

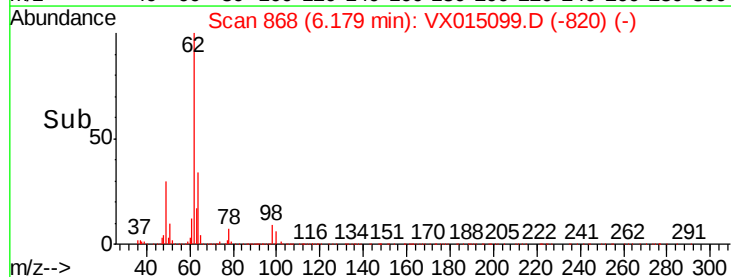
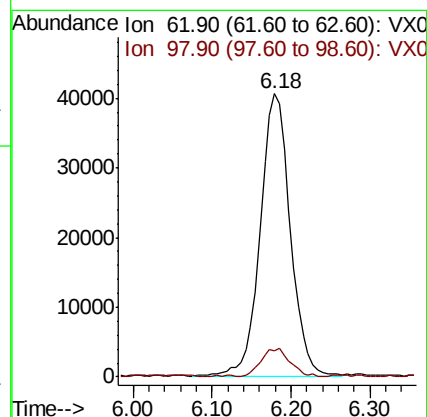
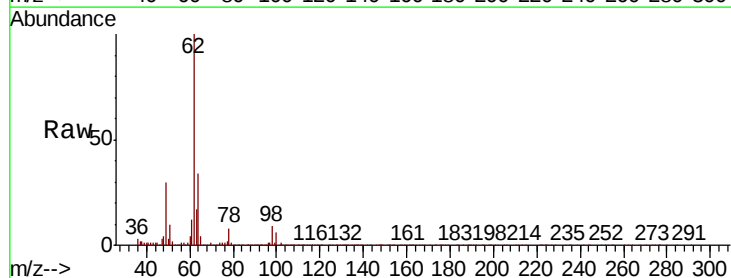
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

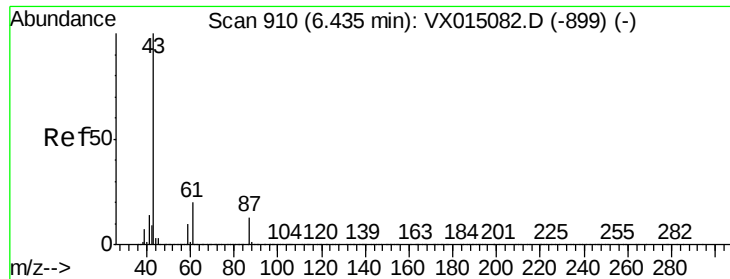
Tot Ion:	41	Resp:	57302
Ion	Ratio	Lower	Upper
41	100		
39	50.7	43.9	65.9
67	65.4	57.8	86.8
52	28.2	22.6	34.0



#42
1,2-Dichloroethane
Concen: 21.025 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion:	62	Resp:	108403
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	20.6





#43

Isopropyl Acetate

Concen: 19.987 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

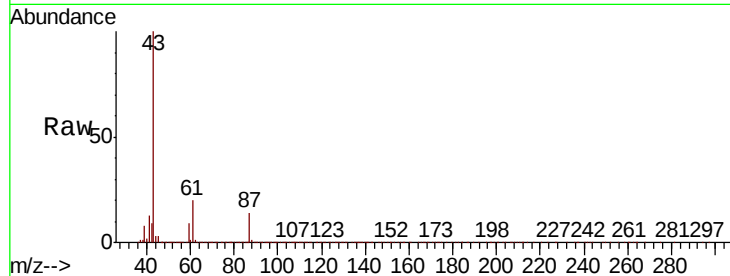
Tot Ion: 43 Resp: 165046

Ion Ratio Lower Upper

43 100

61 19.4 16.1 24.1

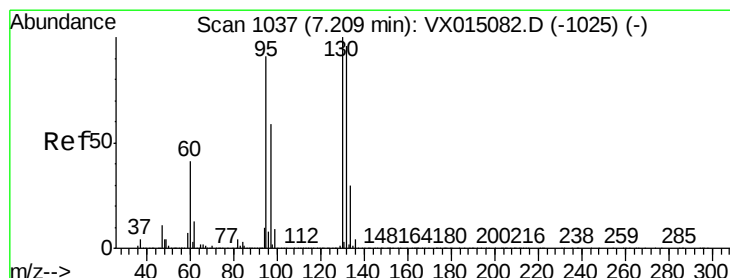
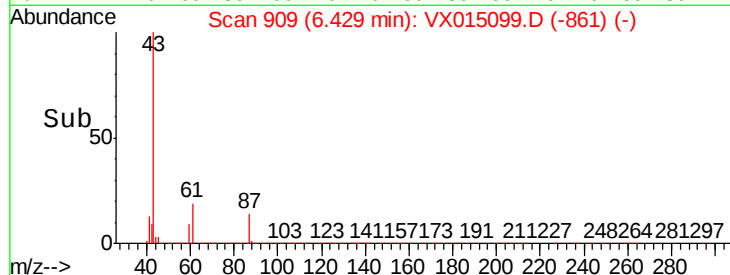
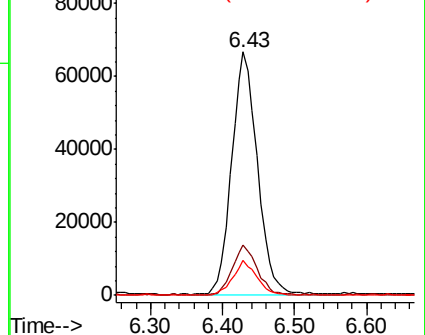
87 13.6 10.6 16.0



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: 19.680 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015099.D

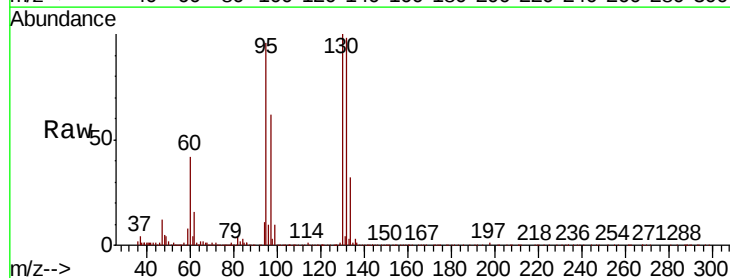
Acq: 05 Mar 2020 10:18

Tgt Ion: 130 Resp: 82284

Ion Ratio Lower Upper

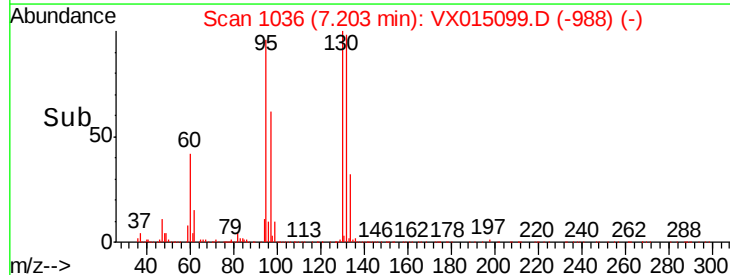
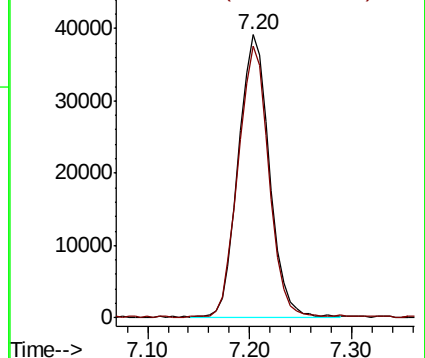
130 100

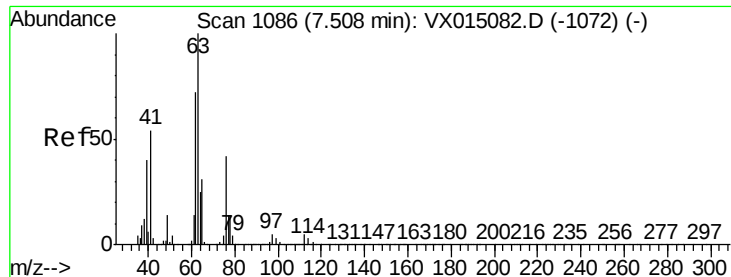
95 95.6 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.659 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

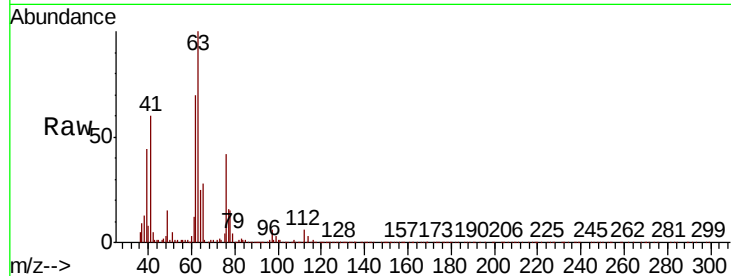
VX0305WBSD01

Tot Ion: 63 Resp: 76398

Ion Ratio Lower Upper

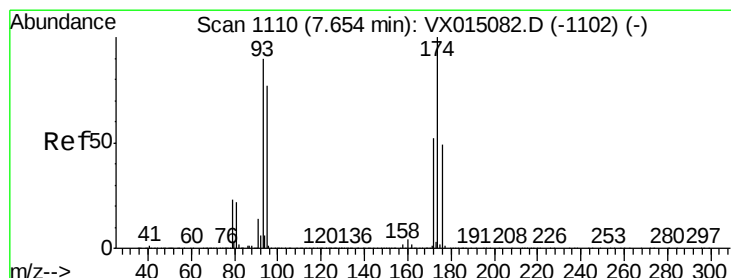
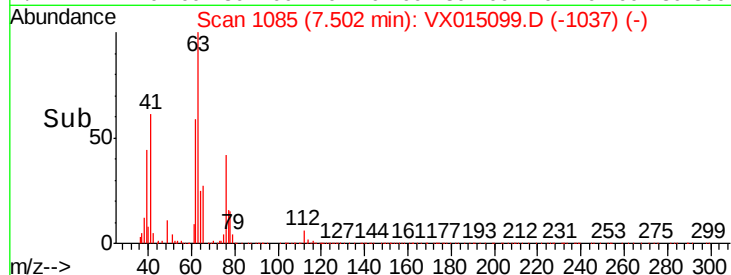
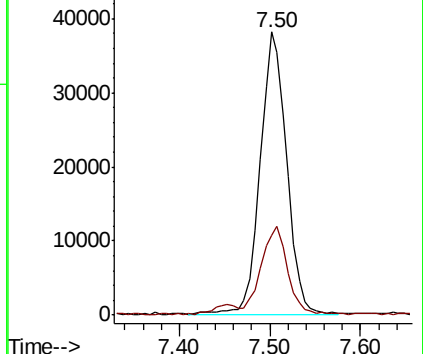
63 100

65 27.8 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.934 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

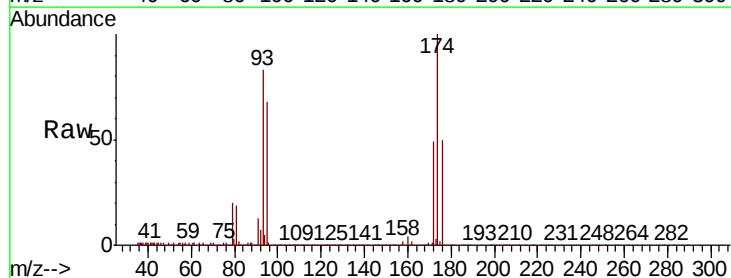
Tgt Ion: 93 Resp: 50477

Ion Ratio Lower Upper

93 100

95 83.8 67.8 101.8

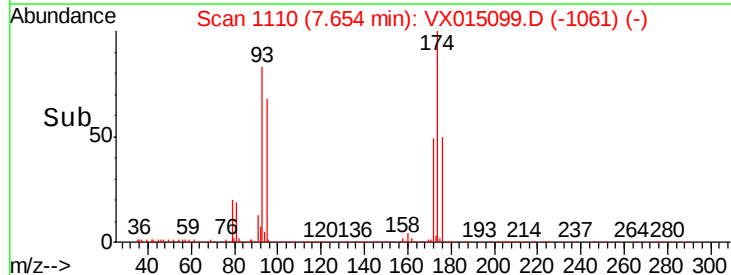
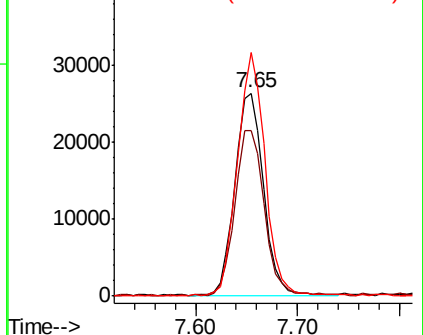
174 117.4 91.0 136.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.368 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

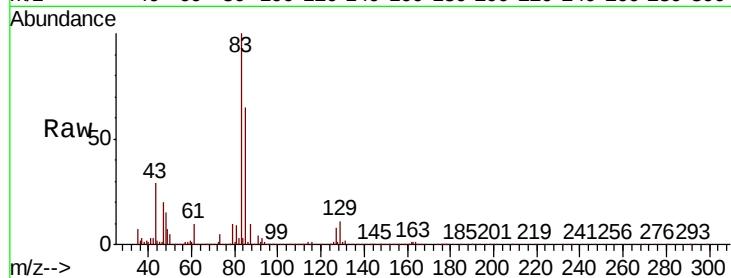
Tot Ion: 83 Resp: 101990

Ion Ratio Lower Upper

83 100

85 64.5 50.6 75.8

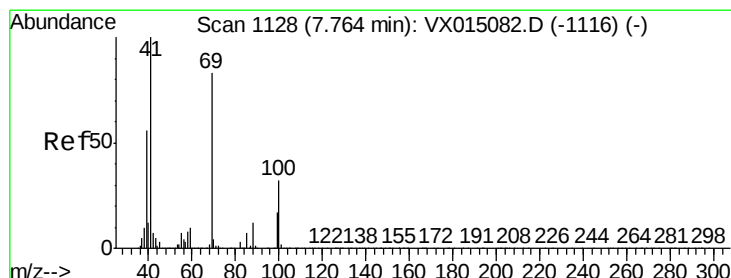
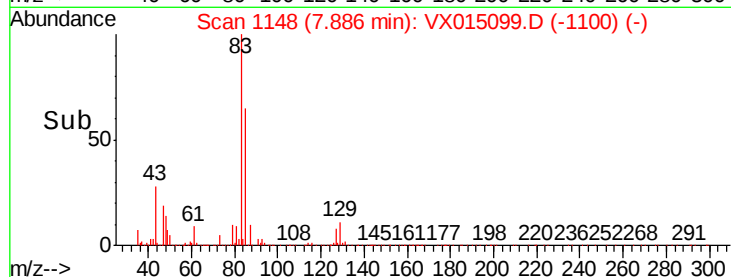
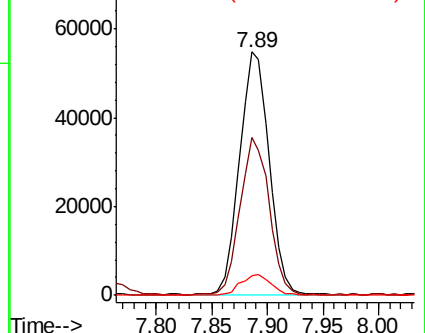
127 7.9 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.954 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

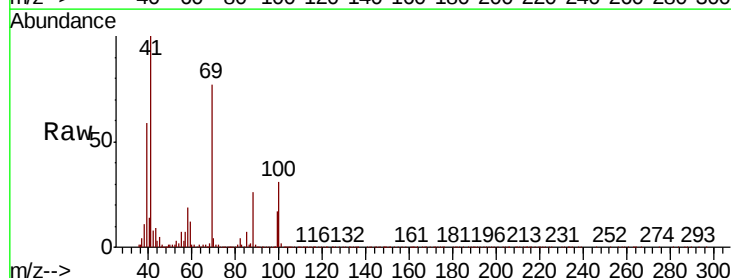
Tgt Ion: 41 Resp: 79664

Ion Ratio Lower Upper

41 100

69 80.3 65.4 98.2

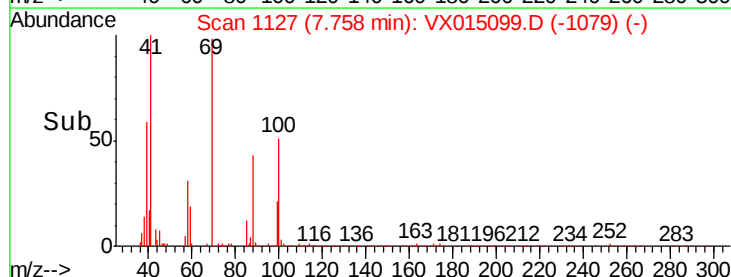
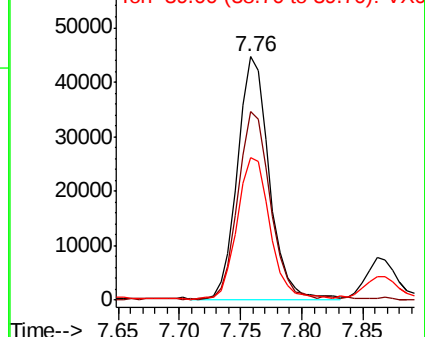
39 60.8 44.6 67.0

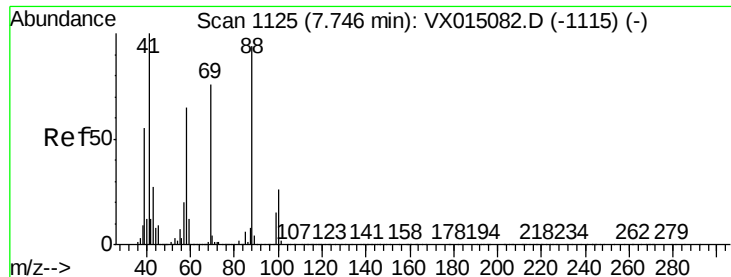


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

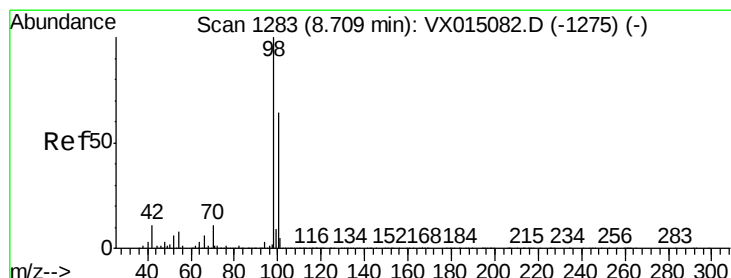
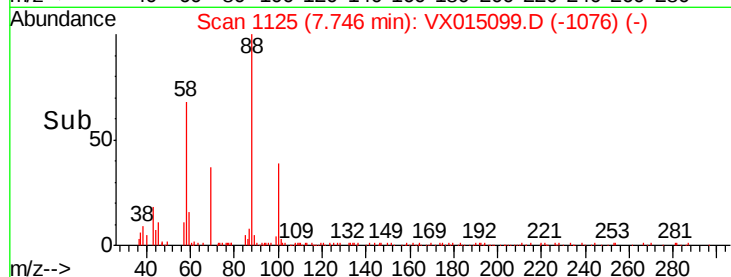
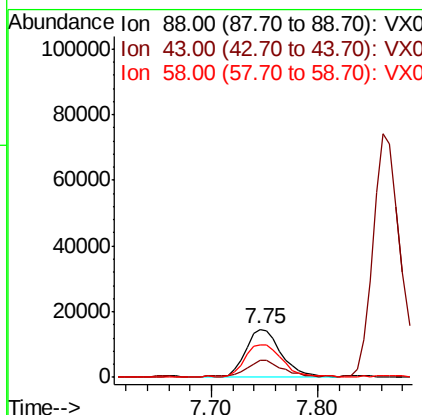
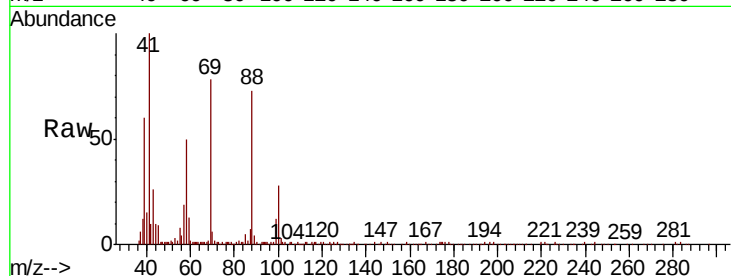




#49
1,4-Dioxane
Concen: 369.718 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

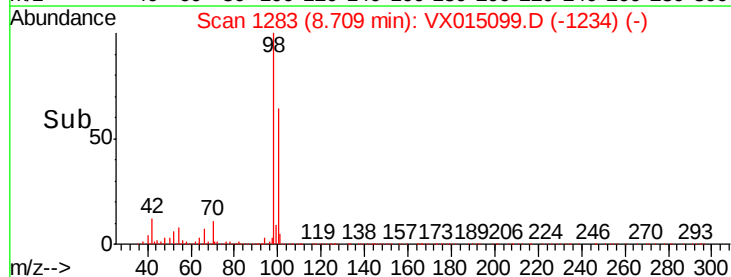
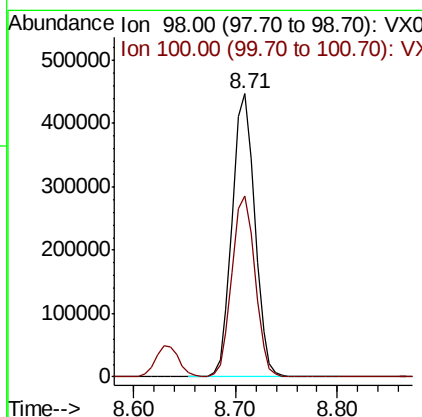
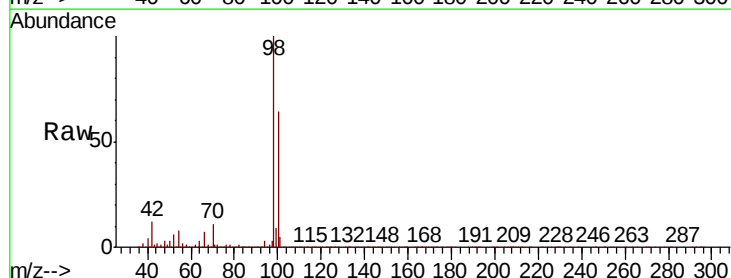
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

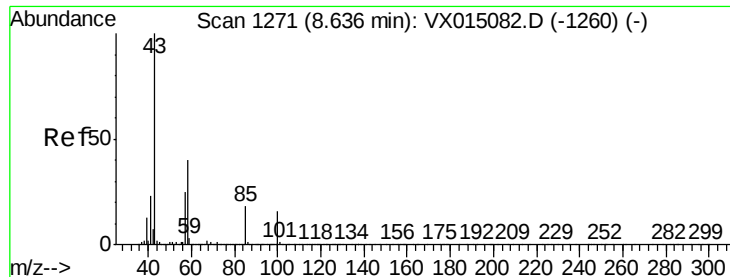
Tot Ion: 88 Resp: 33597
Ion Ratio Lower Upper
88 100
43 35.4 27.0 40.4
58 71.2 55.6 83.4



#50
Toluene-d8
Concen: 52.064 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion: 98 Resp: 683920
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6

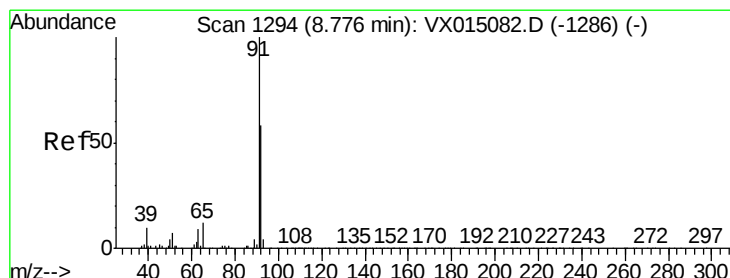
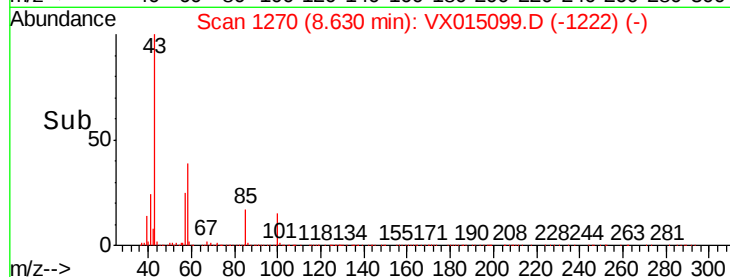
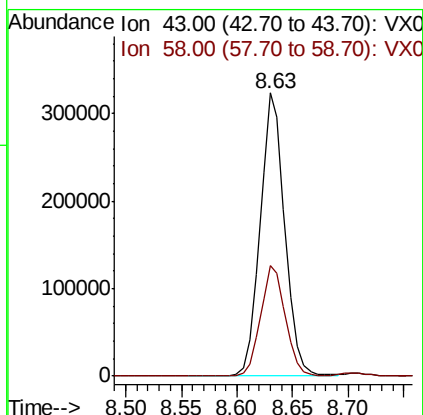
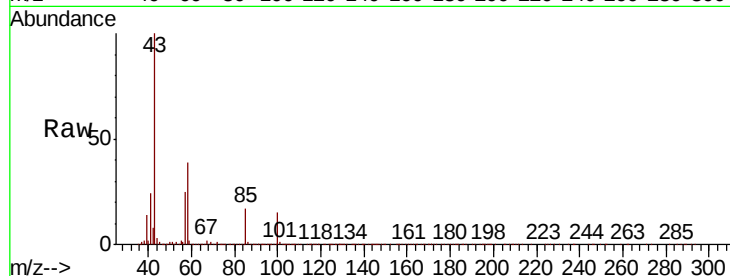




#51
4-Methyl-2-Pentanone
Concen: 102.049 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

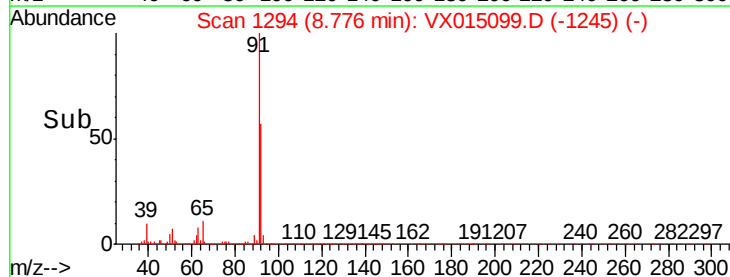
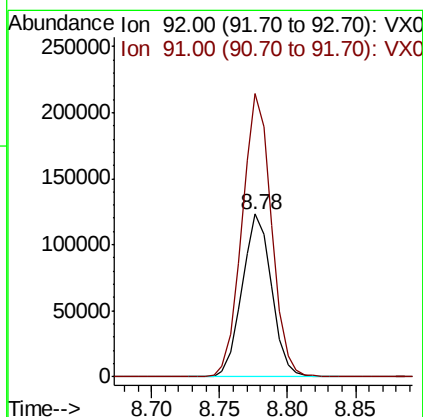
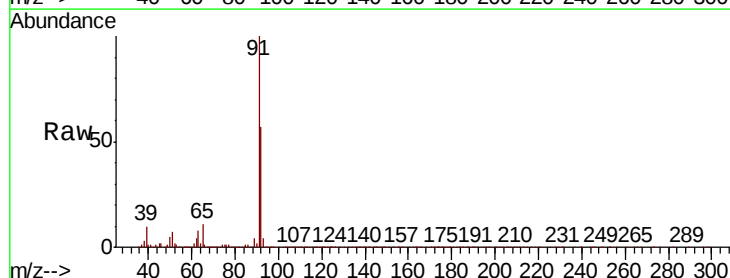
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

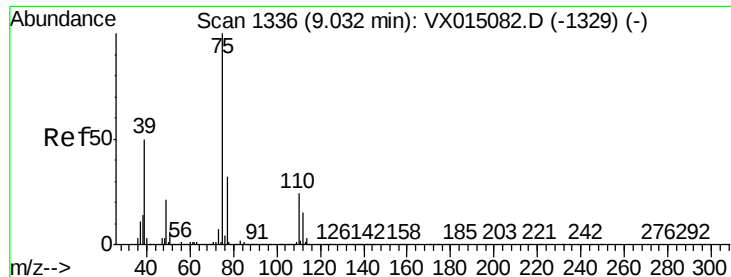
Tot Ion: 43 Resp: 498253
Ion Ratio Lower Upper
43 100
58 39.3 31.6 47.4



#52
Toluene
Concen: 20.373 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion: 92 Resp: 187021
Ion Ratio Lower Upper
92 100
91 173.3 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 20.615 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

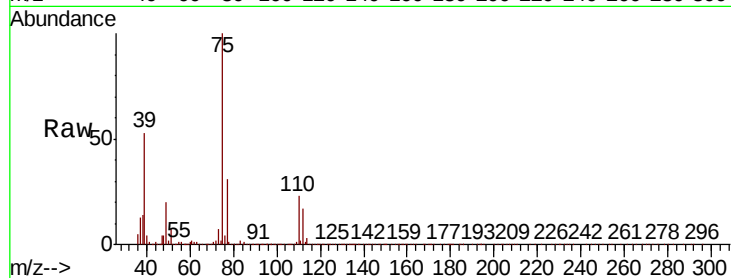
VX0305WBSD01

Tot Ion: 75 Resp: 109873

Ion Ratio Lower Upper

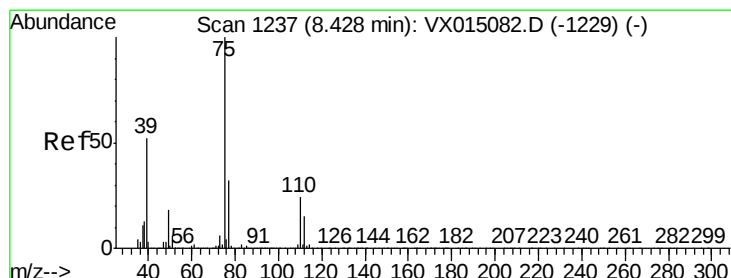
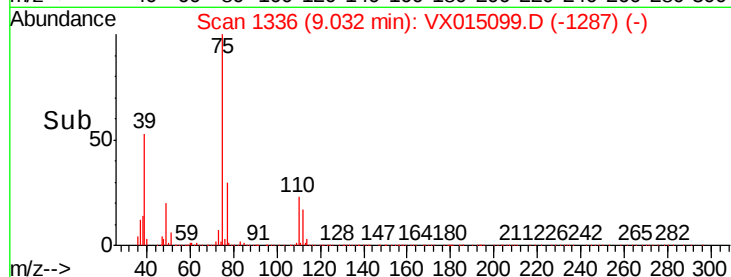
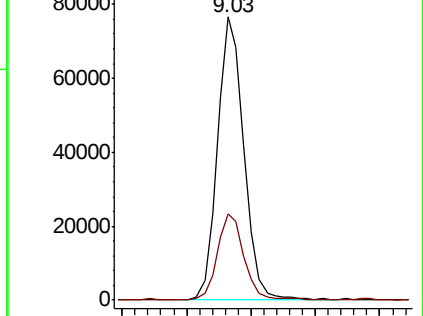
75 100

77 30.4 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.314 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

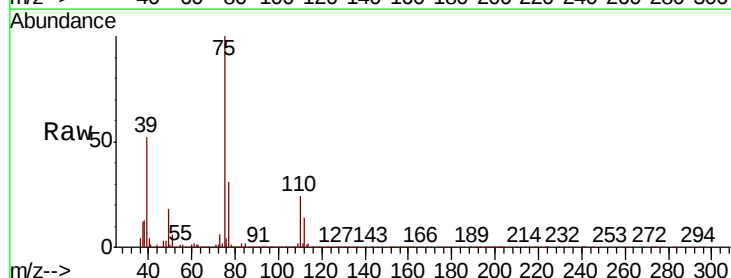
Tgt Ion: 75 Resp: 122396

Ion Ratio Lower Upper

75 100

77 31.2 25.8 38.6

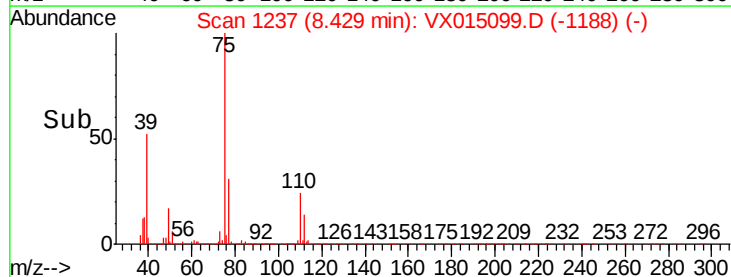
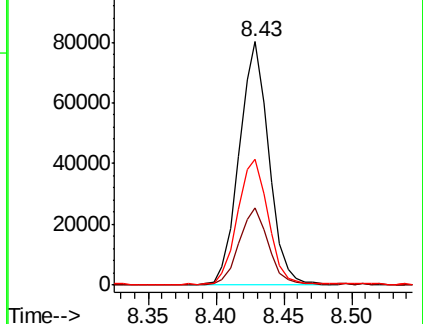
39 51.1 41.3 61.9

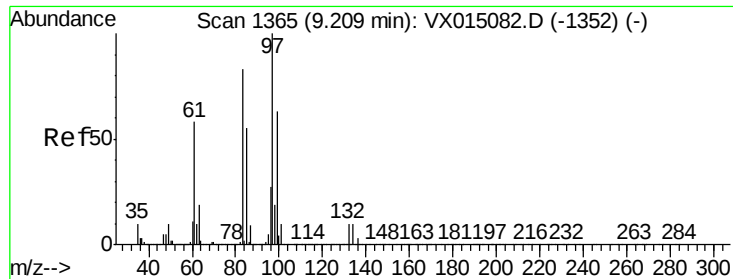


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

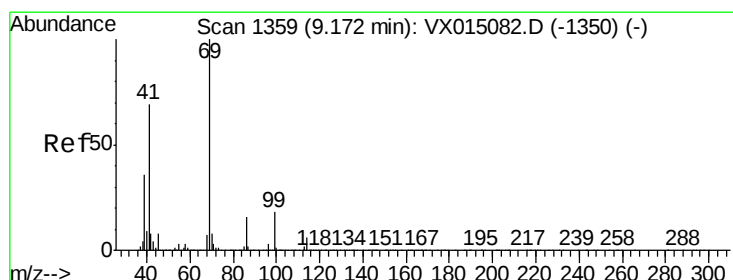
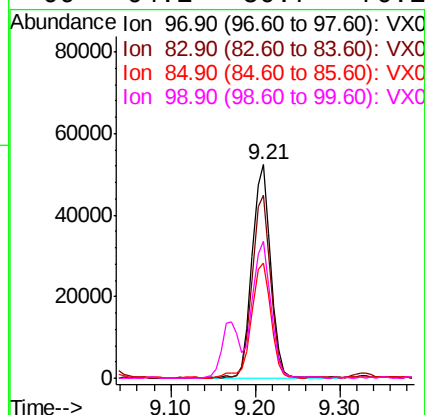
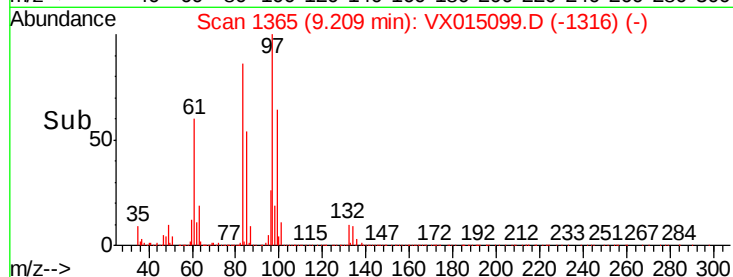
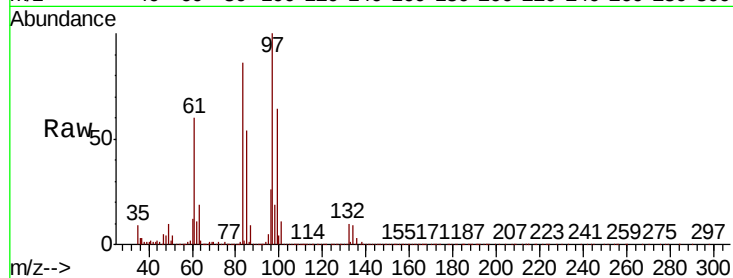




#55
 1,1,2-Trichloroethane
 Concen: 20.464 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015099.D
 Acq: 05 Mar 2020 10:18

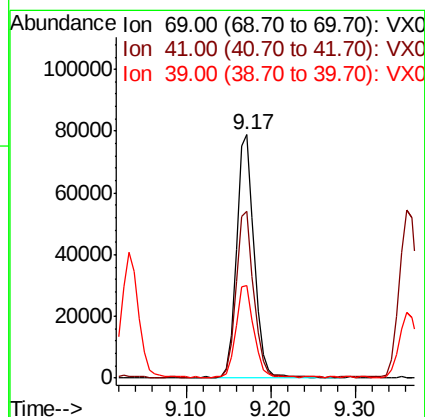
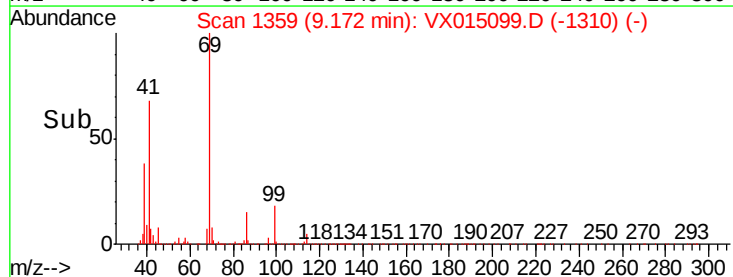
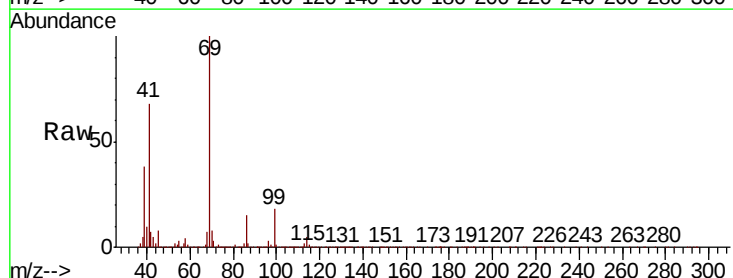
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

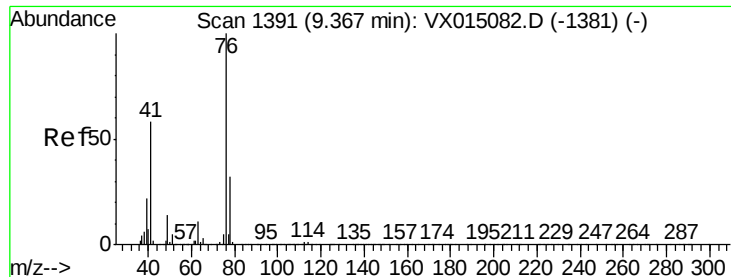
Tot Ion:	97	Resp:	77322
Ion	Ratio	Lower	Upper
97	100		
83	85.6	66.4	99.6
85	53.7	43.5	65.3
99	64.1	50.7	76.1



#56
 Ethyl methacrylate
 Concen: 20.539 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015099.D
 Acq: 05 Mar 2020 10:18

Tgt Ion:	69	Resp:	110694
Ion	Ratio	Lower	Upper
69	100		
41	68.3	55.8	83.8
39	38.5	29.4	44.2





#57

1,3-Dichloropropane

Concen: 20.401 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

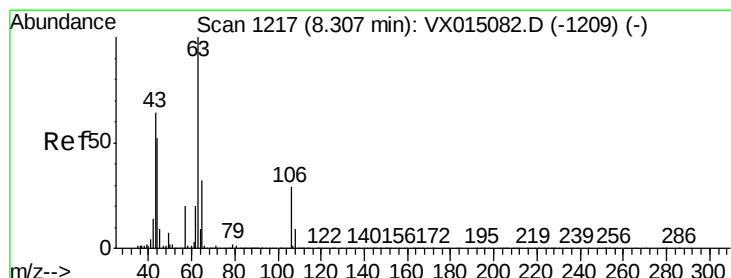
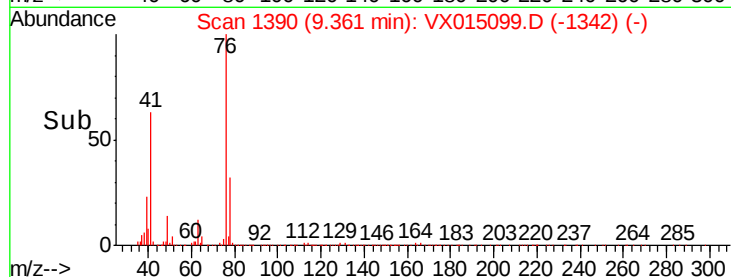
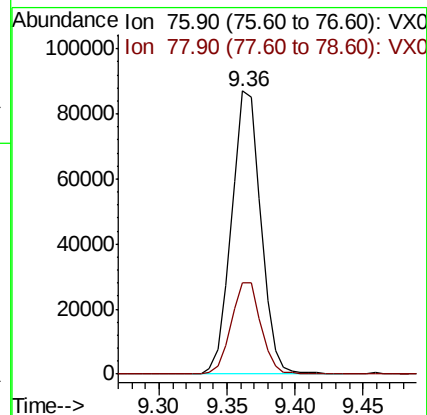
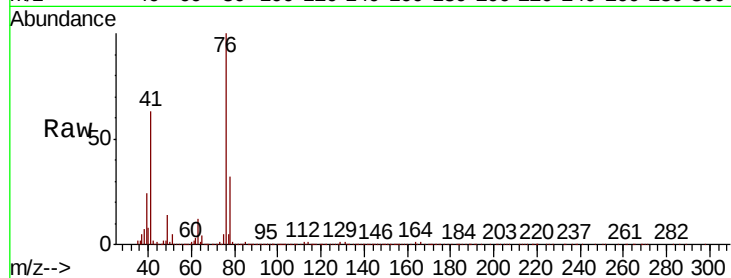
VX0305WBSD01

Tot Ion: 76 Resp: 129684

Ion Ratio Lower Upper

76 100

78 33.0 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 96.875 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015099.D

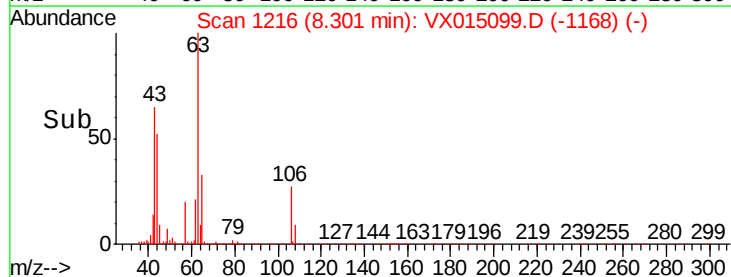
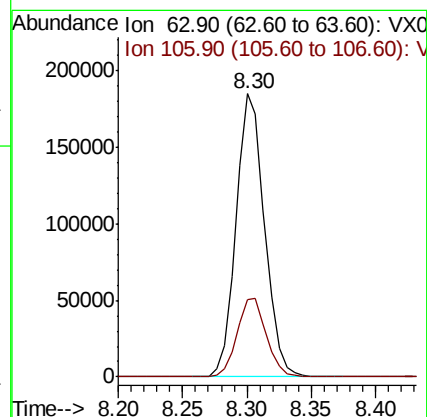
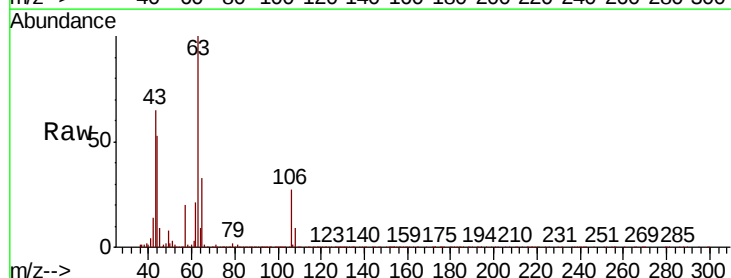
Acq: 05 Mar 2020 10:18

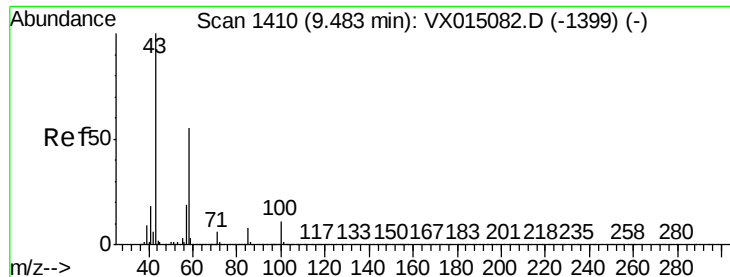
Tgt Ion: 63 Resp: 284427

Ion Ratio Lower Upper

63 100

106 28.6 22.8 34.2

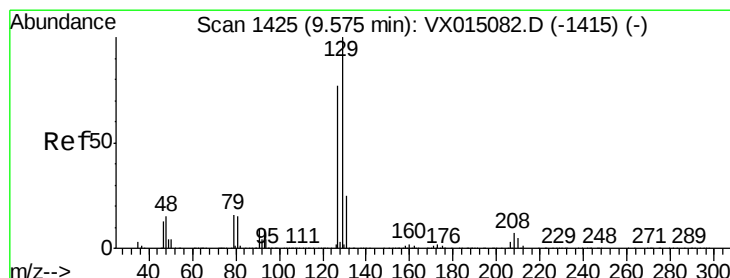
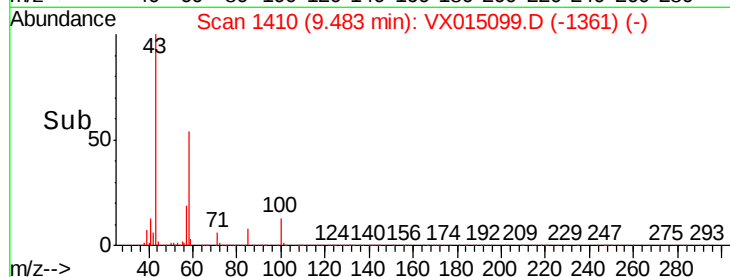
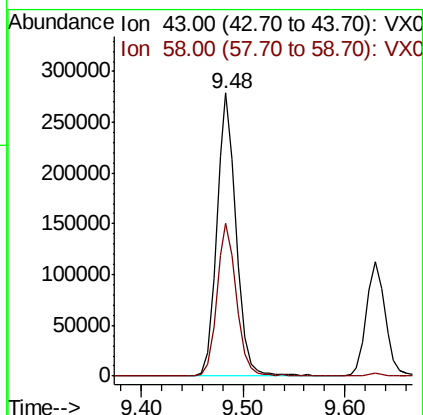
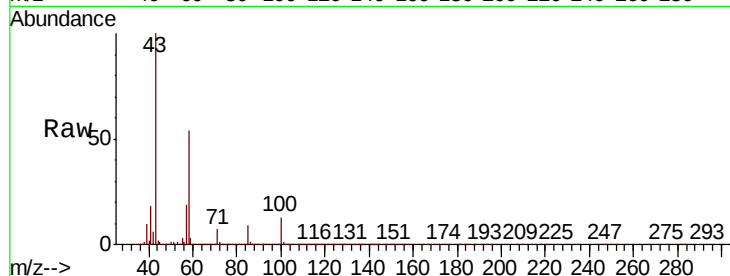




#59
2-Hexanone
Concen: 102.015 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

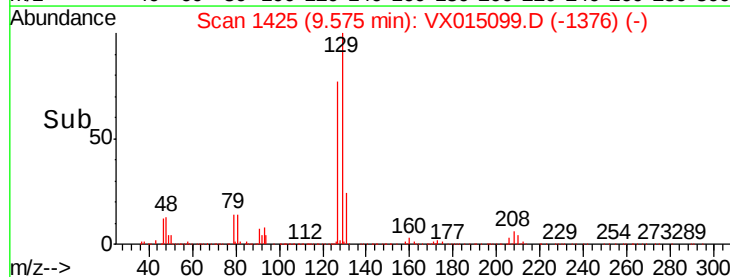
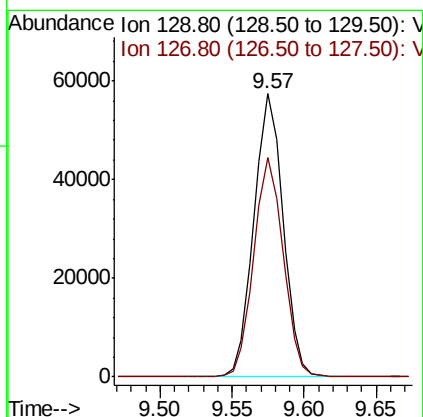
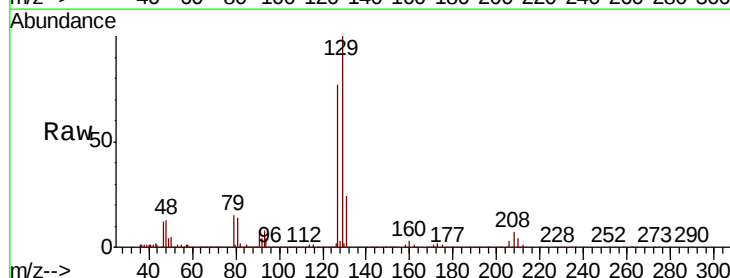
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

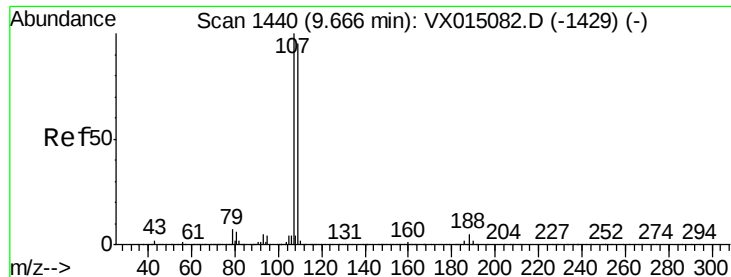
Tot Ion: 43 Resp: 369177
Ion Ratio Lower Upper
43 100
58 54.5 27.3 81.8



#60
Dibromochloromethane
Concen: 20.221 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion: 129 Resp: 80260
Ion Ratio Lower Upper
129 100
127 78.4 38.8 116.3

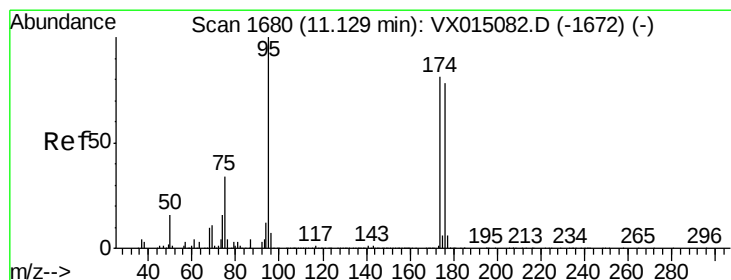
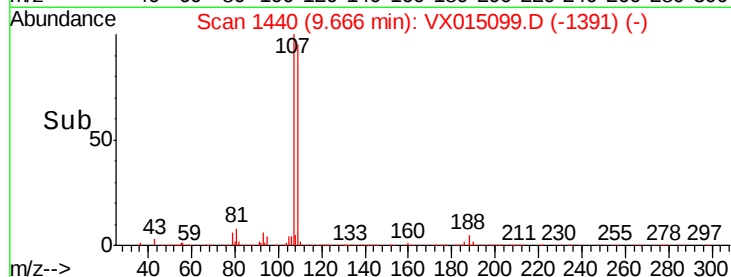
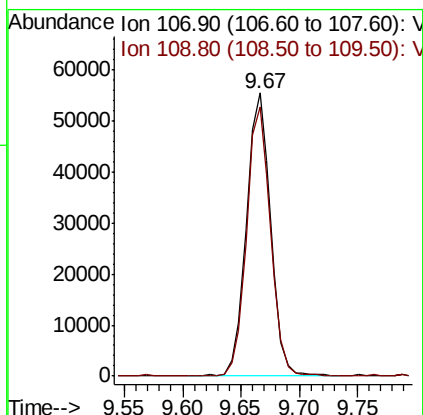
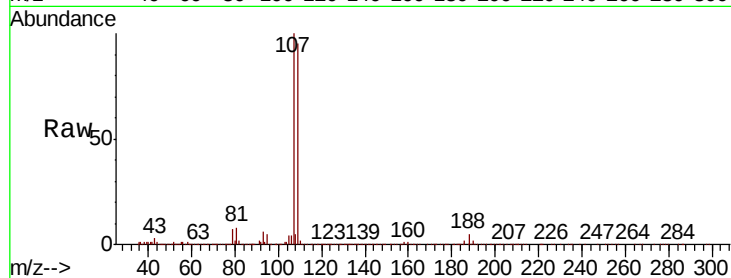




#61
 1,2-Dibromoethane
 Concen: 20.203 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX015099.D
 Acq: 05 Mar 2020 10:18

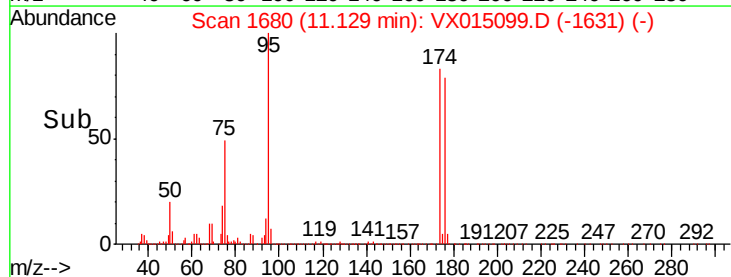
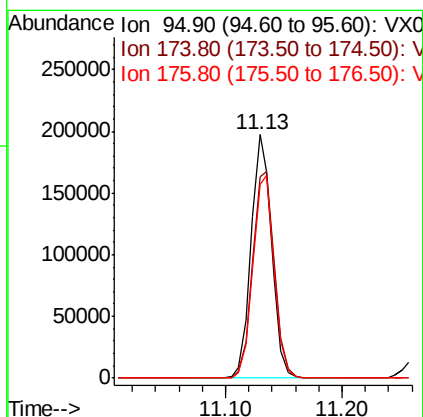
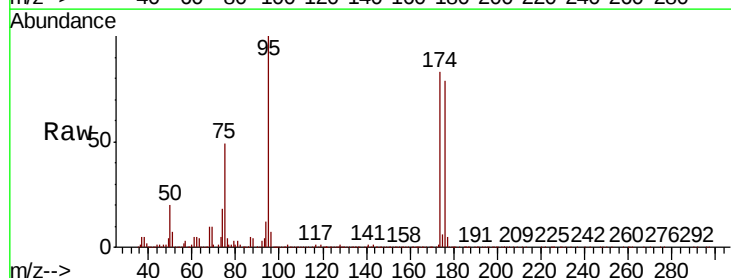
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

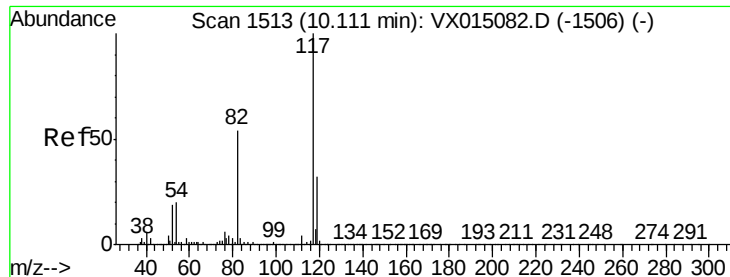
Tot Ion:107 Resp: 80178
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 51.679 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VX015099.D
 Acq: 05 Mar 2020 10:18

Tgt Ion: 95 Resp: 242139
 Ion Ratio Lower Upper
 95 100
 174 90.4 0.0 177.6
 176 86.3 0.0 170.2

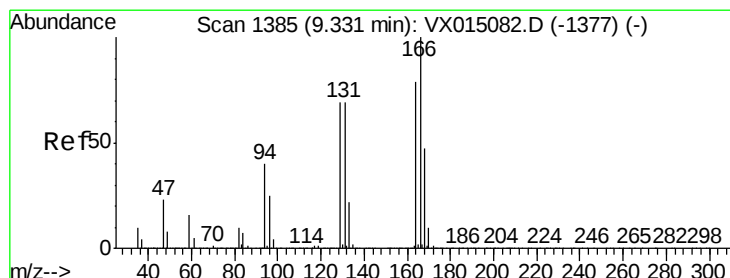
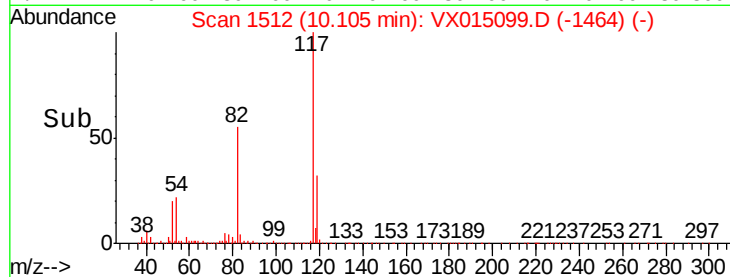
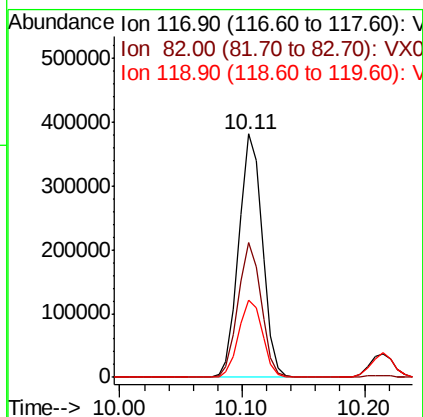
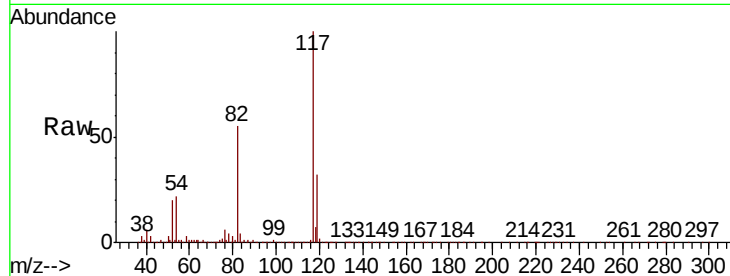




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

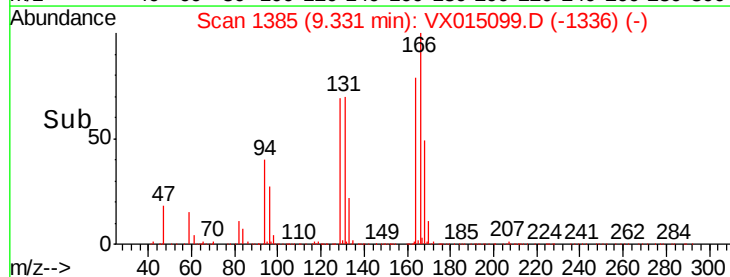
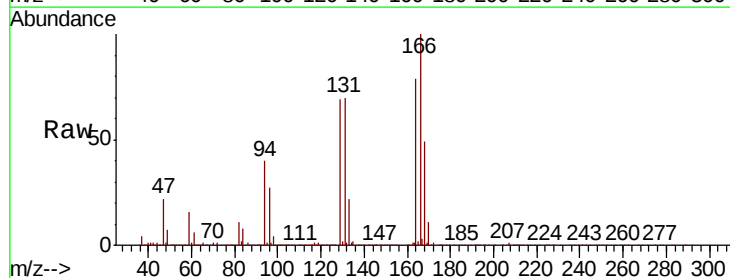
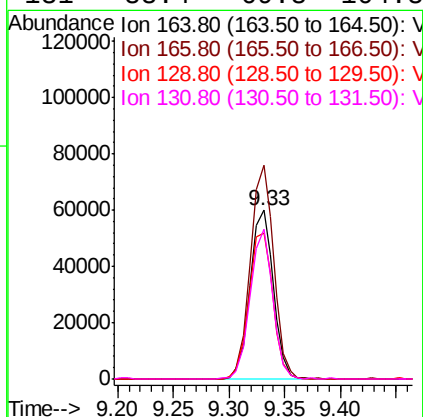
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.3	64.9
119	31.8	25.8	38.8



#64
Tetrachloroethene
Concen: 20.953 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.6	101.1	151.7
129	86.7	69.4	104.0
131	88.4	69.8	104.8





#65

Chlorobenzene

Concen: 19.704 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

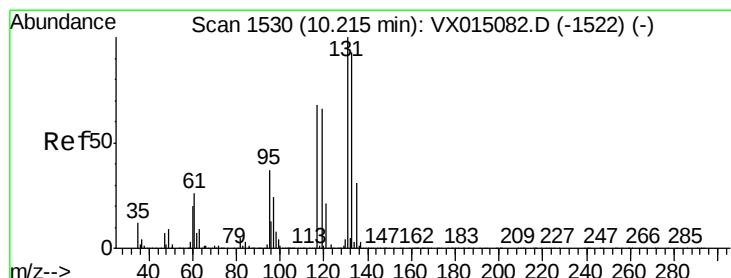
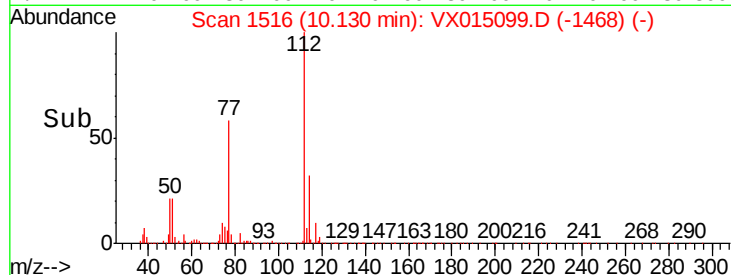
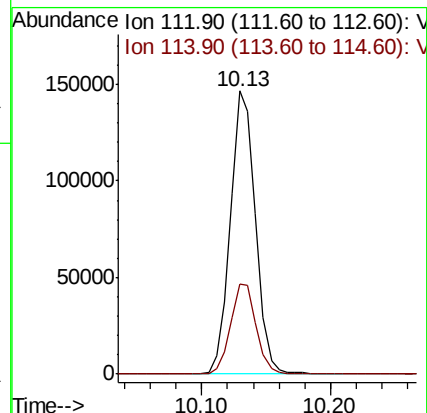
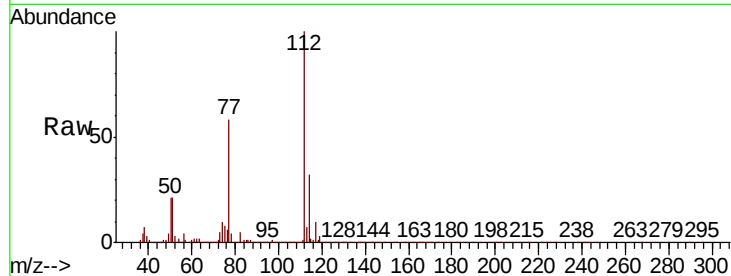
VX0305WBSD01

Tot Ion:112 Resp: 200285

Ion Ratio Lower Upper

112 100

114 31.8 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 19.379 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

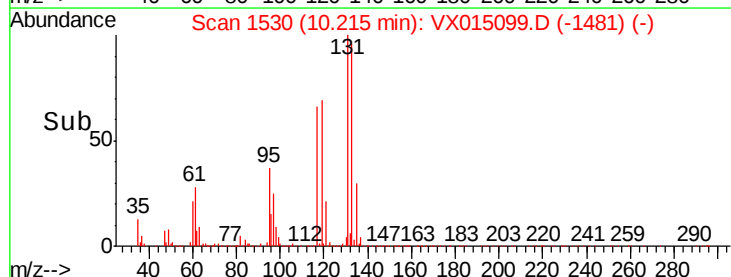
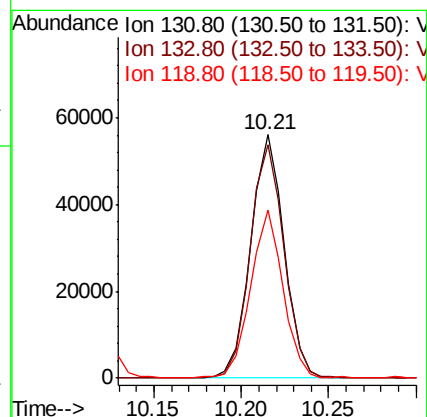
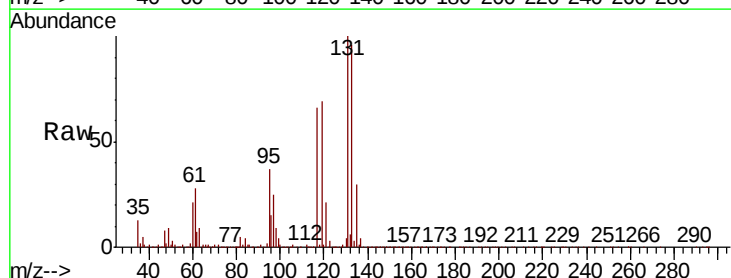
Tgt Ion:131 Resp: 74276

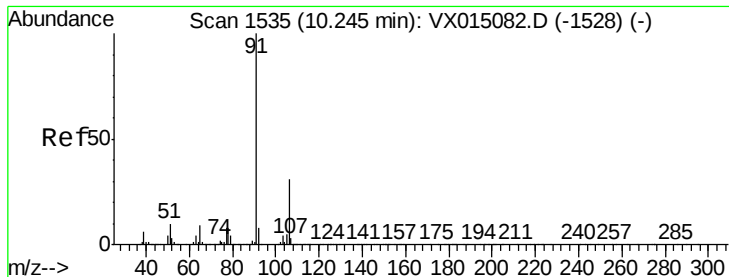
Ion Ratio Lower Upper

131 100

133 97.6 47.5 142.5

119 66.8 33.4 100.1





#67

Ethyl Benzene

Concen: 20.398 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

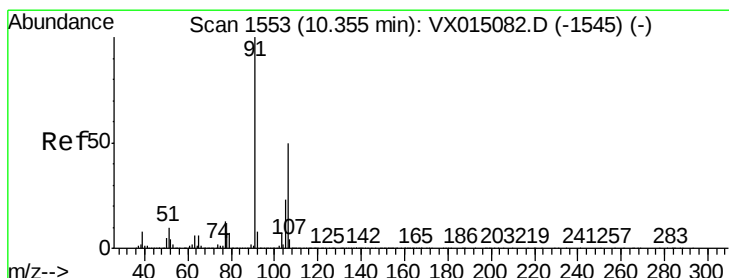
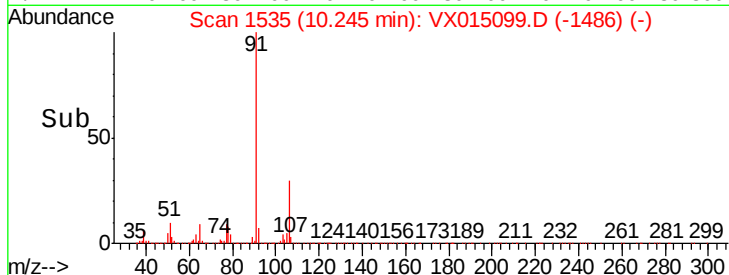
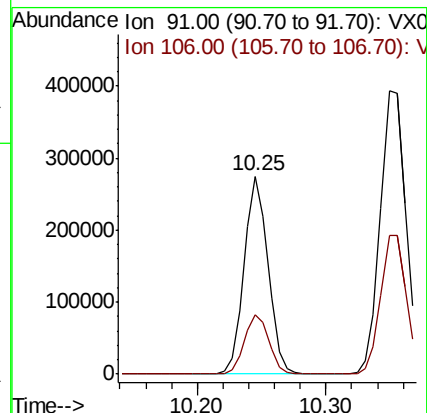
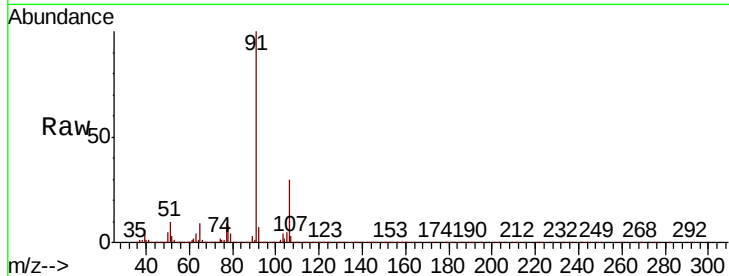
VX0305WBSD01

Tot Ion: 91 Resp: 352069

Ion Ratio Lower Upper

91 100

106 30.1 24.9 37.3



#68

m/p-Xylenes

Concen: 40.616 ug/l

RT: 10.35 min Scan# 1552

Delta R.T. -0.01 min

Lab File: VX015099.D

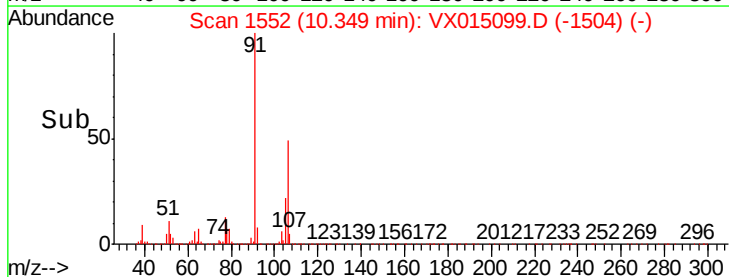
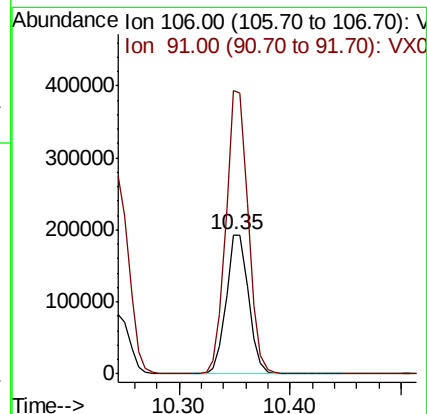
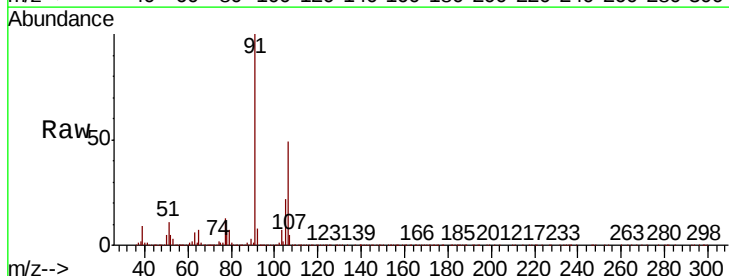
Acq: 05 Mar 2020 10:18

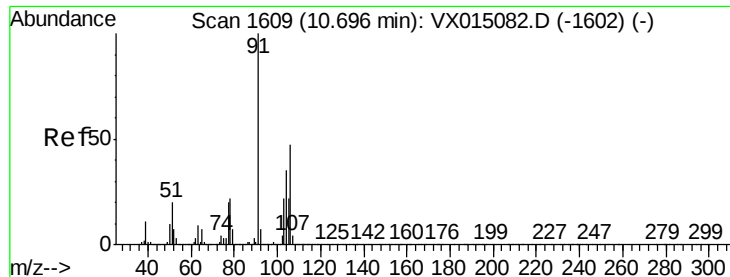
Tgt Ion: 106 Resp: 266726

Ion Ratio Lower Upper

106 100

91 203.3 159.4 239.2

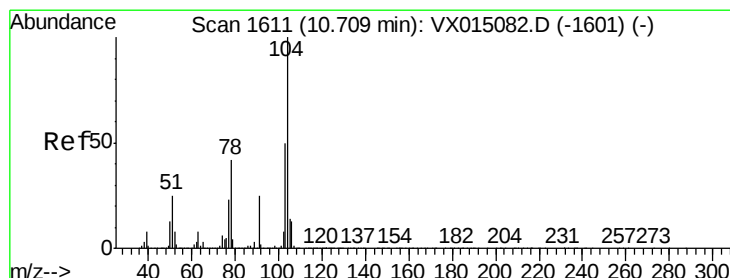
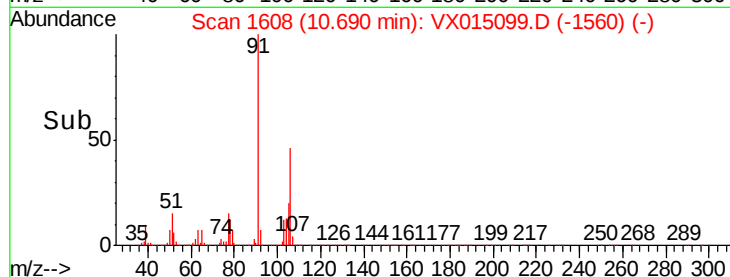
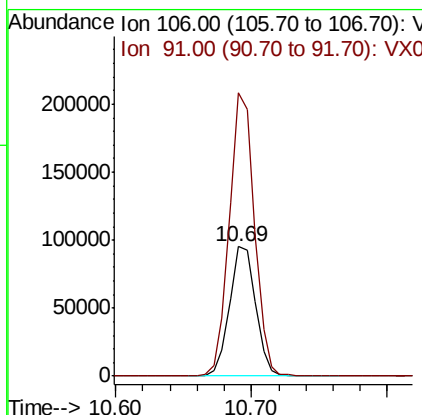
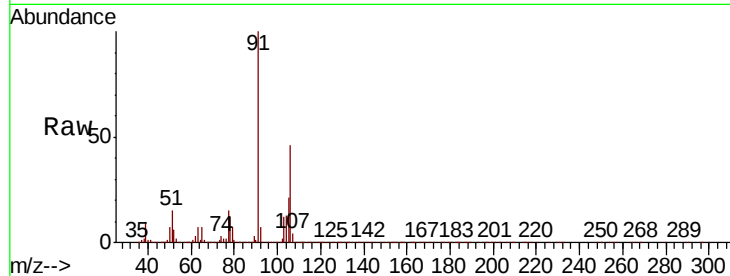




#69
o-Xylene
Concen: 20.137 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

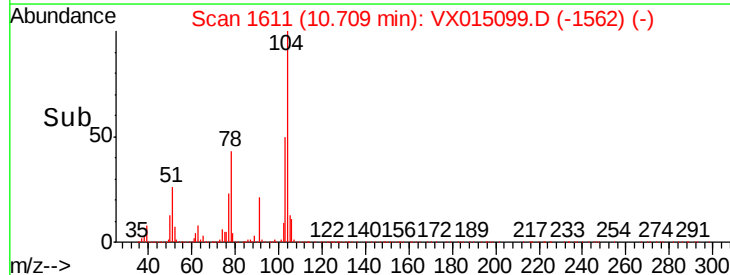
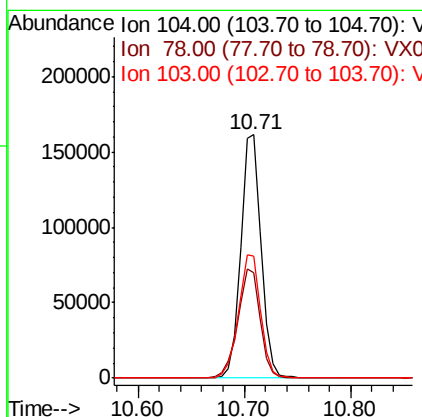
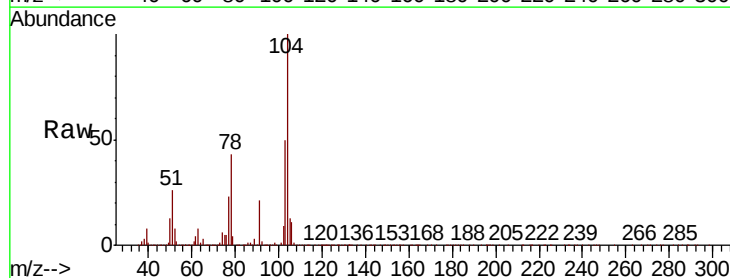
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

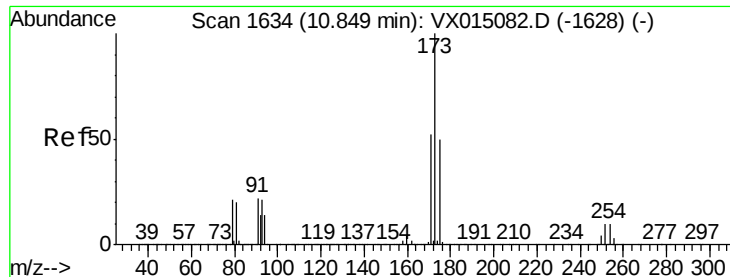
Tot Ion:106 Resp: 126610
Ion Ratio Lower Upper
106 100
91 211.2 105.4 316.1



#70
Styrene
Concen: 20.146 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion:104 Resp: 217180
Ion Ratio Lower Upper
104 100
78 49.0 39.0 58.4
103 54.9 43.7 65.5

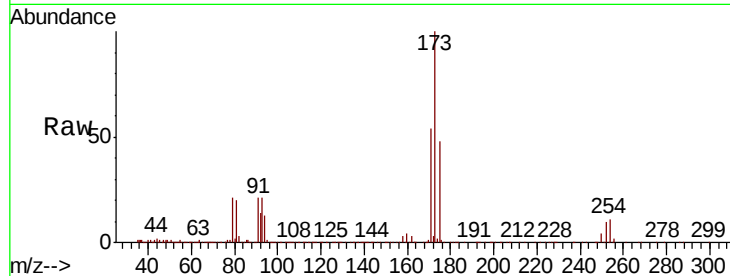




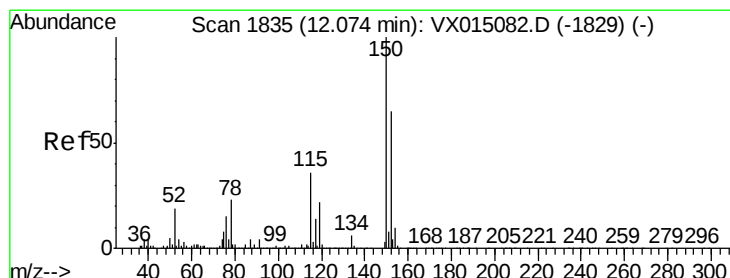
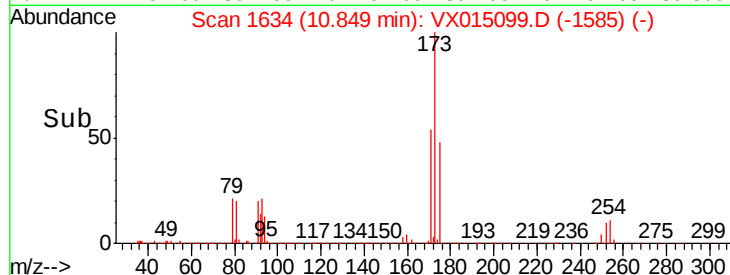
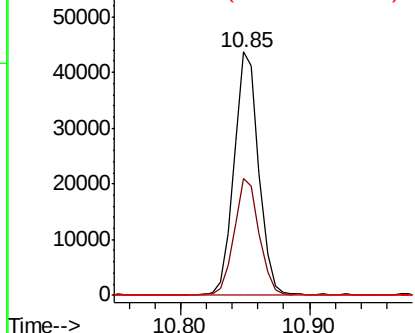
#71
Bromoform
Concen: 19.621 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion:173 Resp: 58318
Ion Ratio Lower Upper
173 100
175 48.9 24.9 74.7
254 0.1 0.2 0.2#

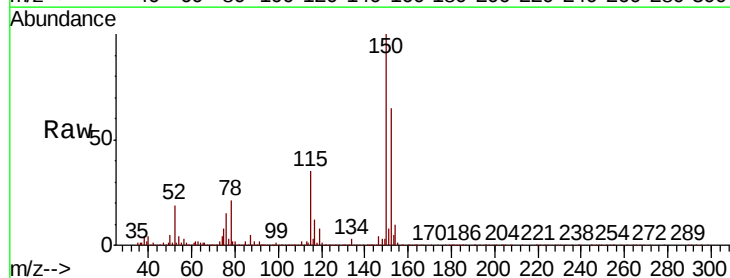


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

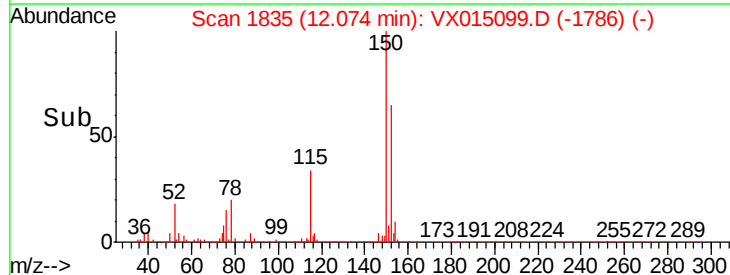
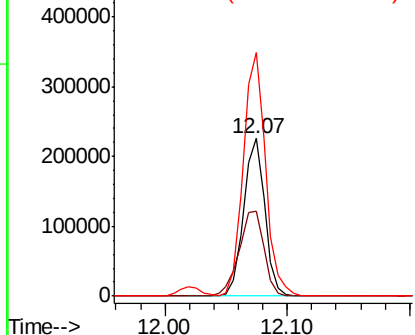


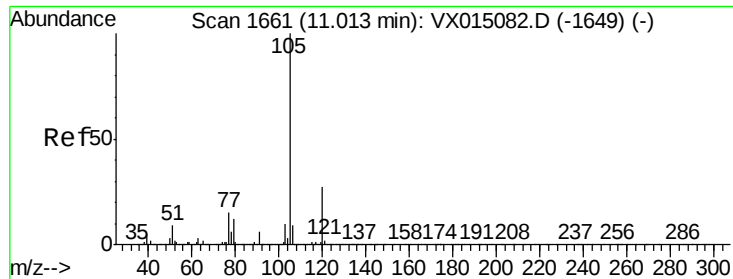
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion:152 Resp: 269062
Ion Ratio Lower Upper
152 100
115 63.8 38.2 114.6
150 162.0 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.979 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

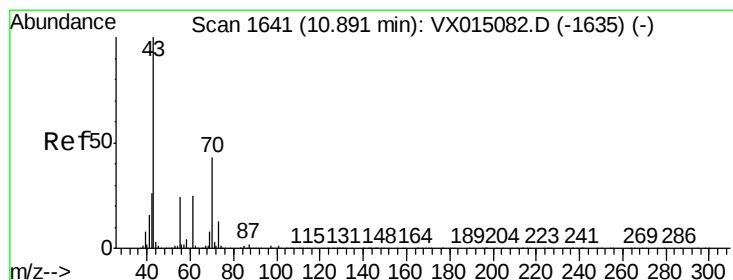
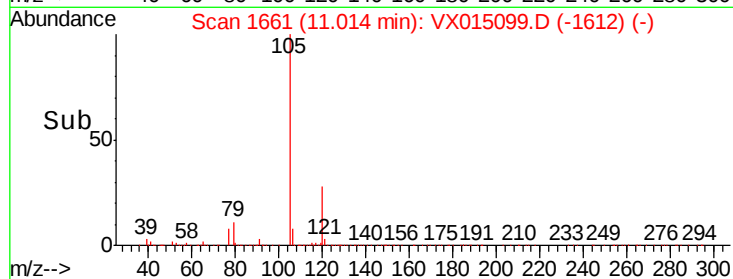
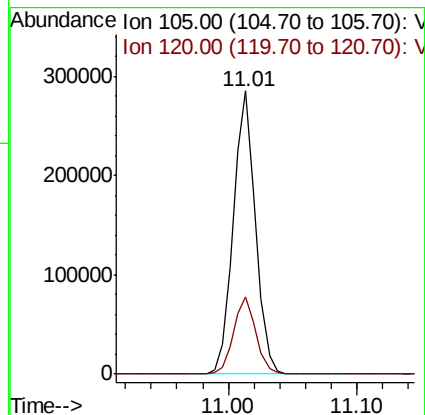
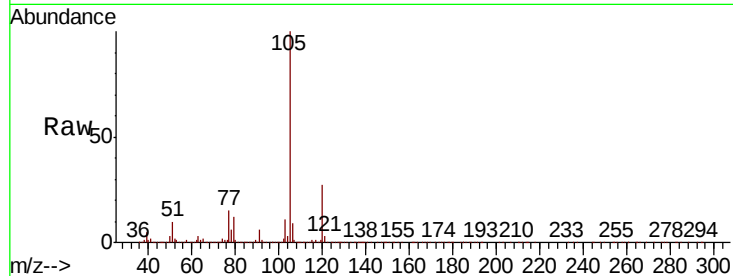
VX0305WBSD01

Tot Ion:105 Resp: 343398

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.5



#74

N-ethyl acetate

Concen: 19.272 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Tgt Ion: 43 Resp: 139601

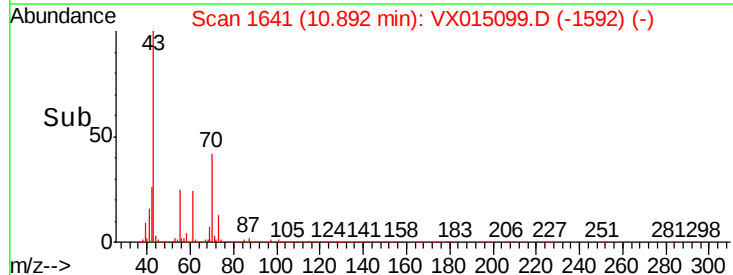
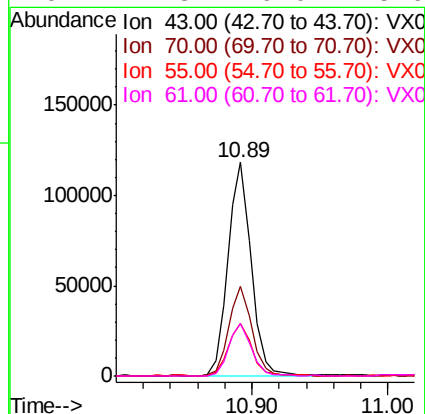
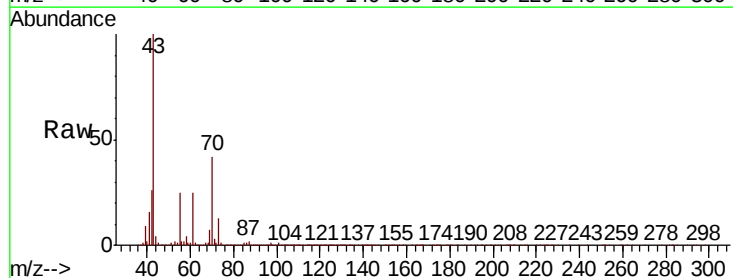
Ion Ratio Lower Upper

43 100

70 42.7 34.7 52.1

55 24.9 19.4 29.0

61 24.3 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.785 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

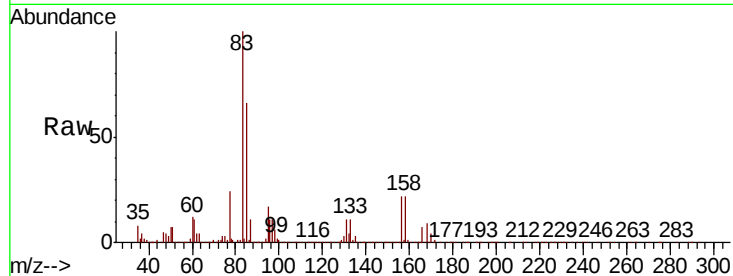
Tot Ion: 83 Resp: 107600

Ion Ratio Lower Upper

83 100

131 10.6 5.0 14.9

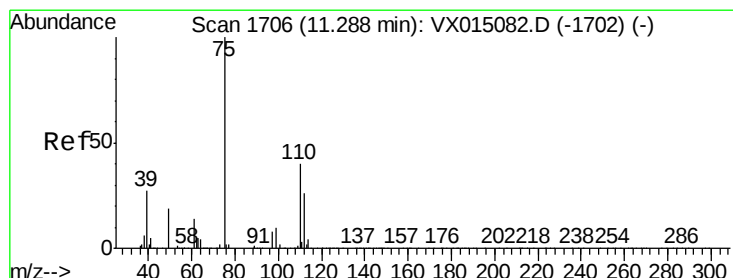
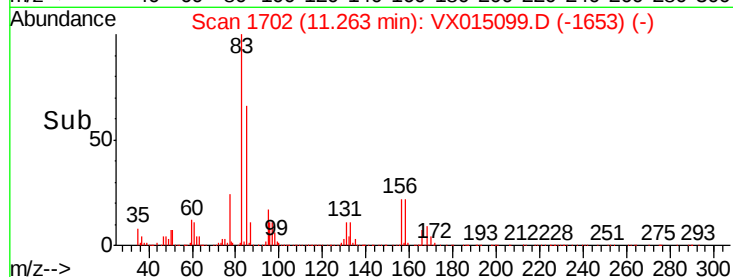
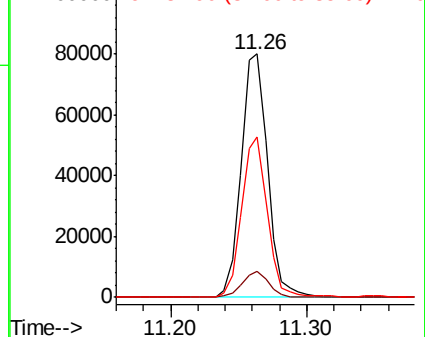
85 64.5 31.9 95.9



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: 22.745 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX015099.D

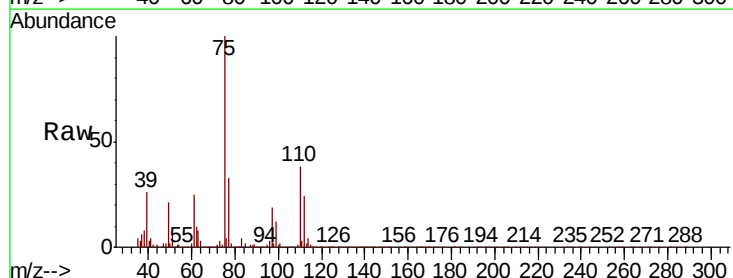
Acq: 05 Mar 2020 10:18

Tgt Ion: 75 Resp: 122071

Ion Ratio Lower Upper

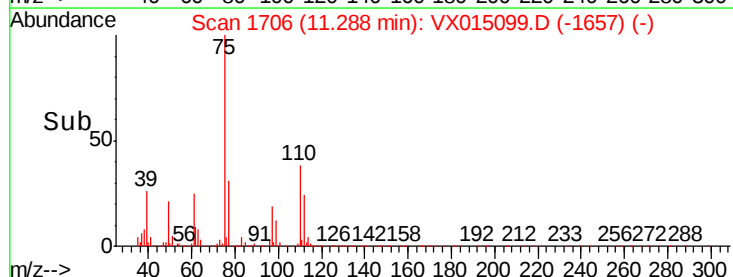
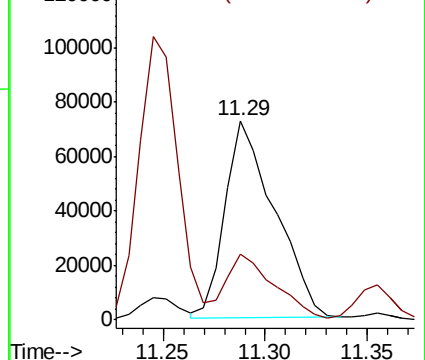
75 100

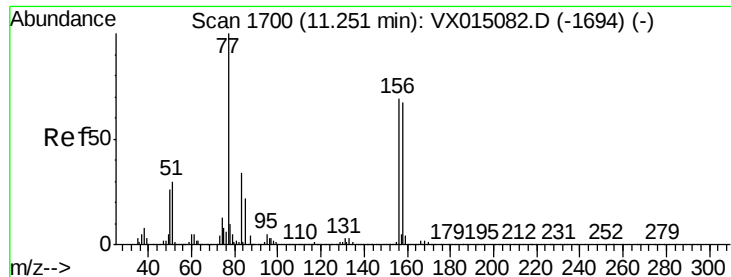
77 33.0 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.419 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

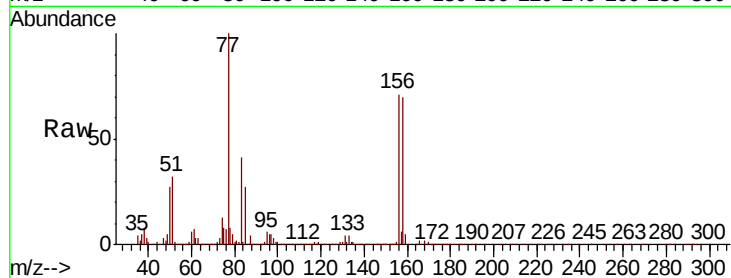
Tot Ion:156 Resp: 93019

Ion Ratio Lower Upper

156 100

77 147.2 75.3 225.9

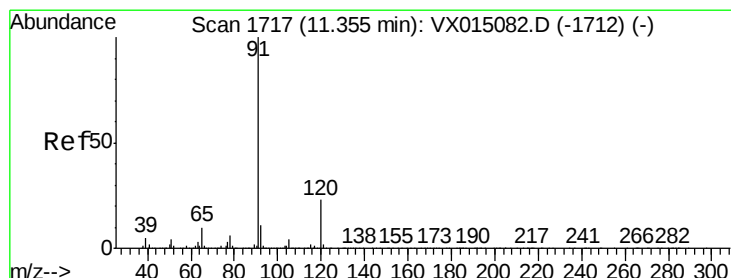
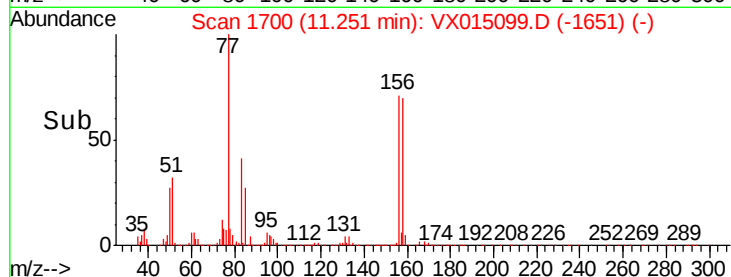
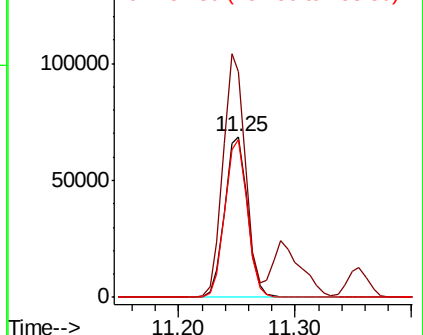
158 96.1 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.258 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015099.D

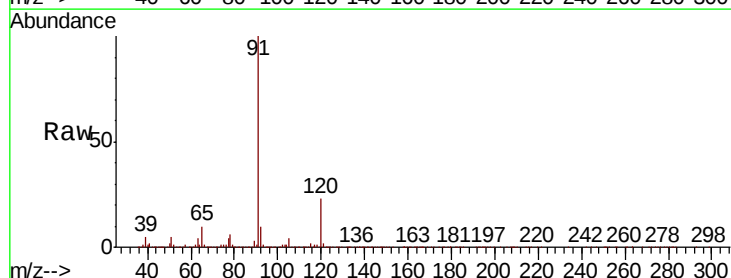
Acq: 05 Mar 2020 10:18

Tgt Ion: 91 Resp: 397807

Ion Ratio Lower Upper

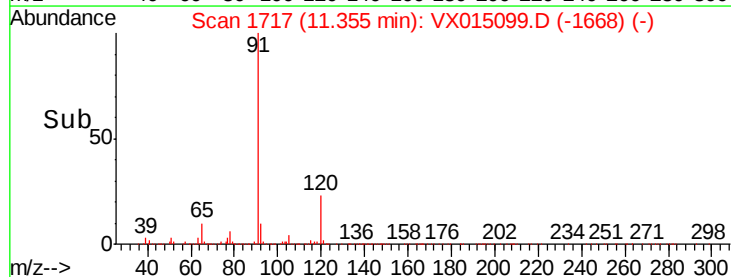
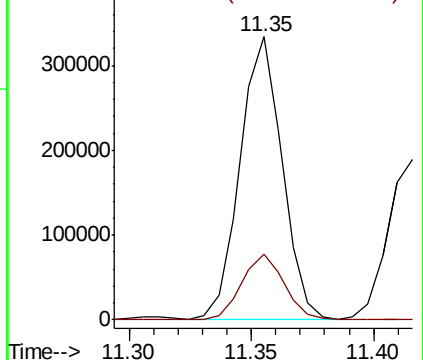
91 100

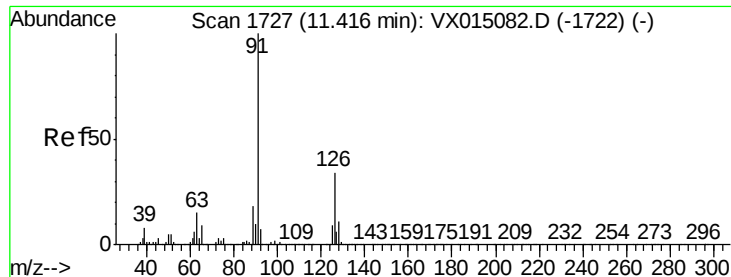
120 23.4 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

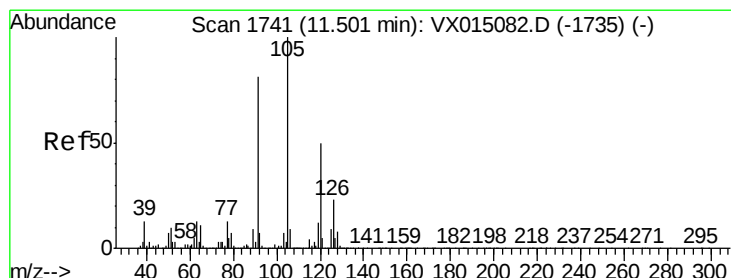
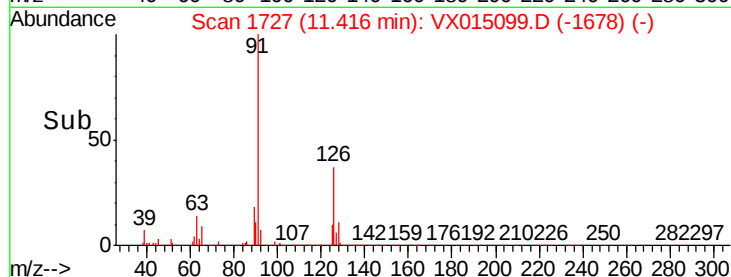
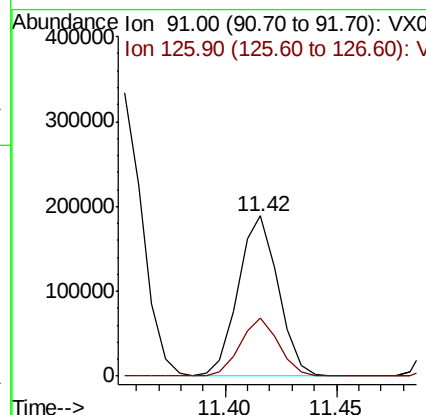
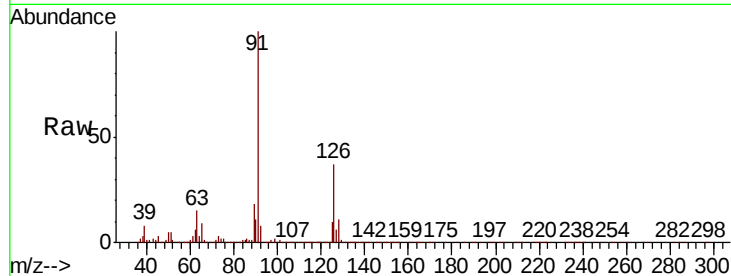




#79
2-Chlorotoluene
Concen: 20.031 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

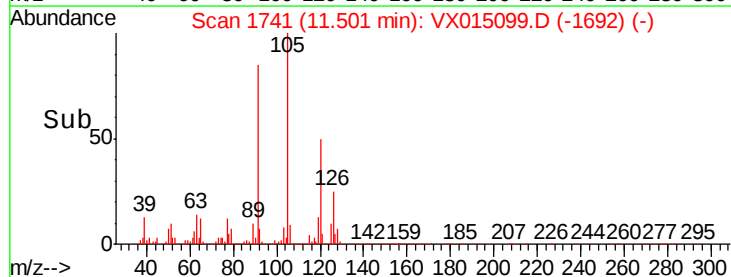
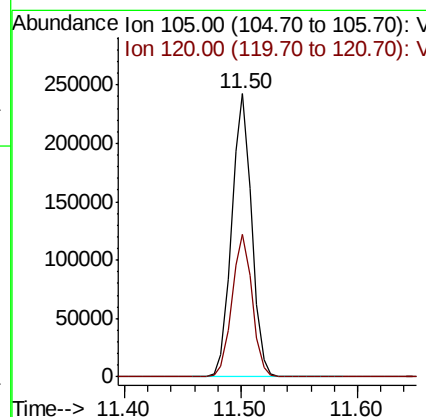
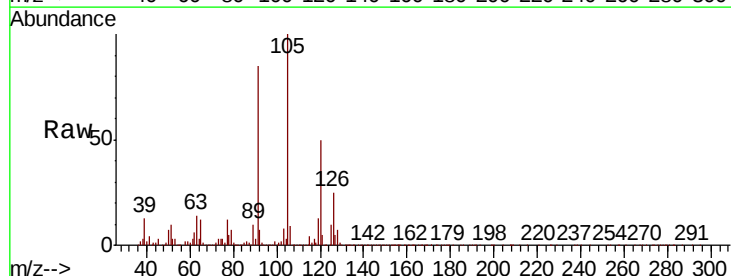
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

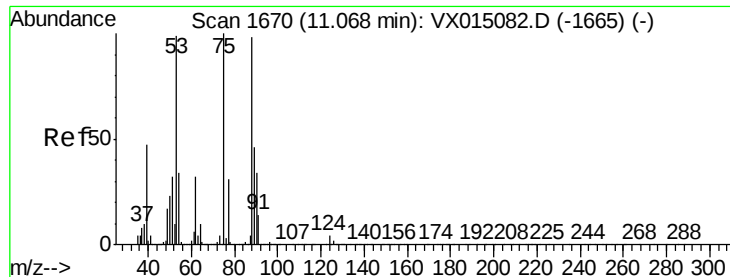
Tot Ion: 91 Resp: 234901
Ion Ratio Lower Upper
91 100
126 35.1 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 20.013 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion: 105 Resp: 286357
Ion Ratio Lower Upper
105 100
120 50.7 25.1 75.4

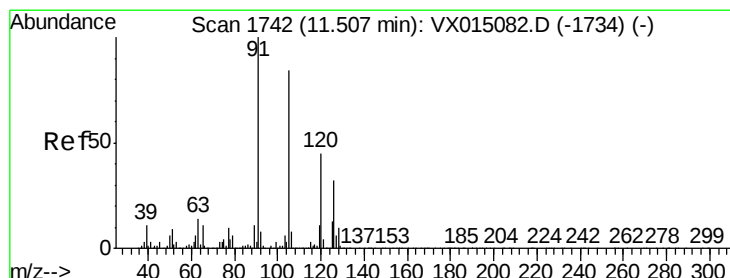
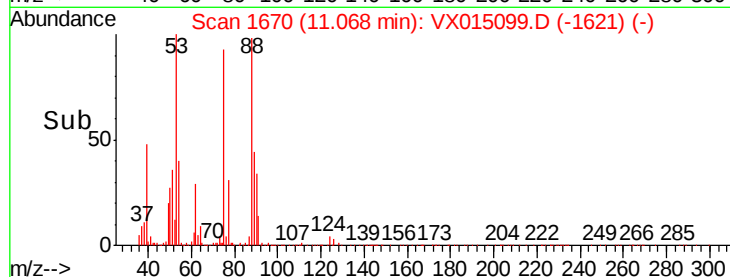
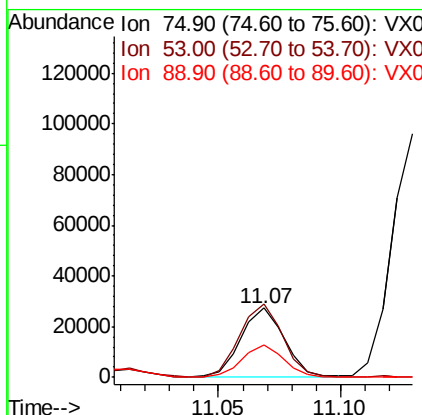
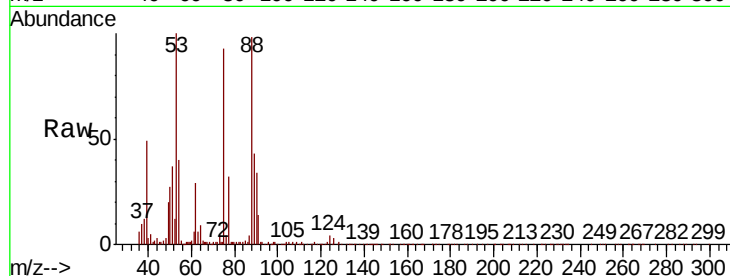




#81
trans-1,4-Dichloro-2-butene
Concen: 17.672 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

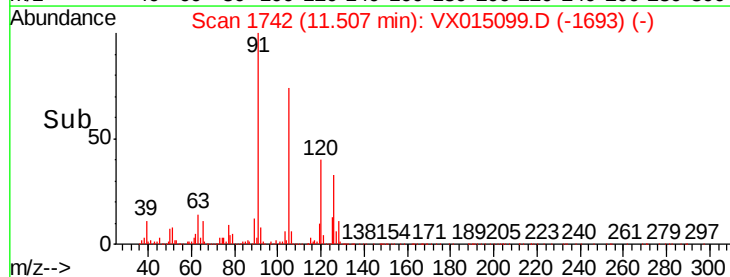
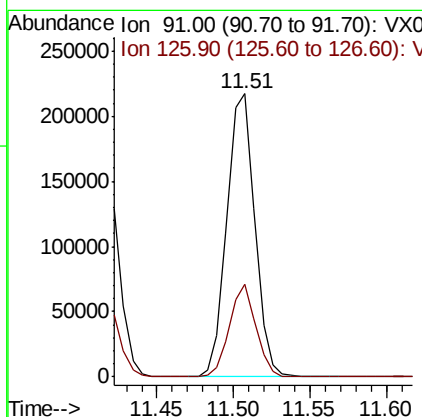
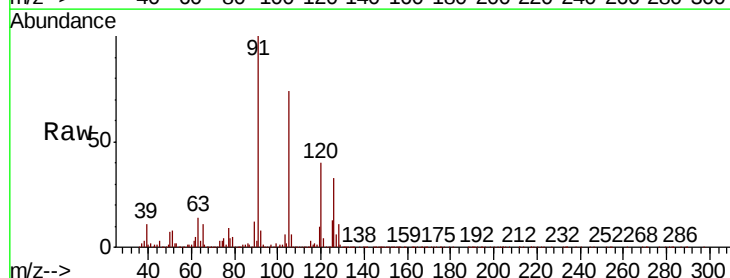
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion: 75 Resp: 33419
Ion Ratio Lower Upper
75 100
53 105.6 77.9 116.9
89 47.6 36.2 54.2



#82
4-Chlorotoluene
Concen: 19.852 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion: 91 Resp: 275039
Ion Ratio Lower Upper
91 100
126 30.8 15.4 46.2





#83

tert-Butylbenzene

Concen: 19.698 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

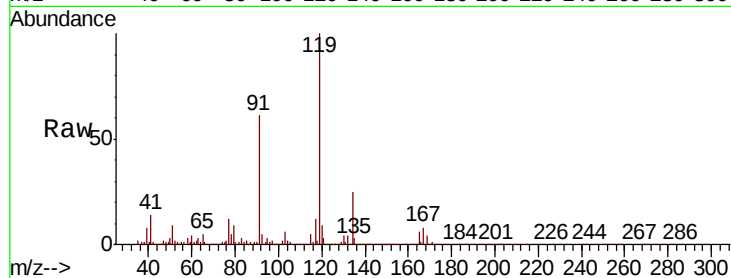
Tot Ion:119 Resp: 272529

Ion Ratio Lower Upper

119 100

91 58.0 28.5 85.6

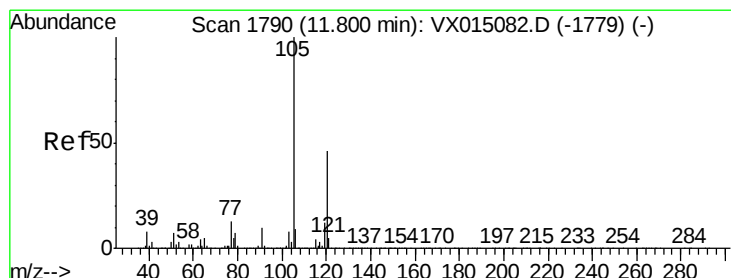
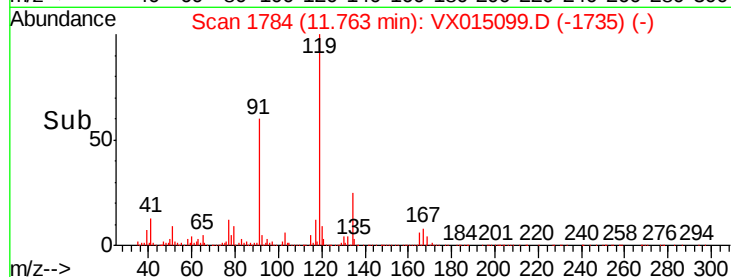
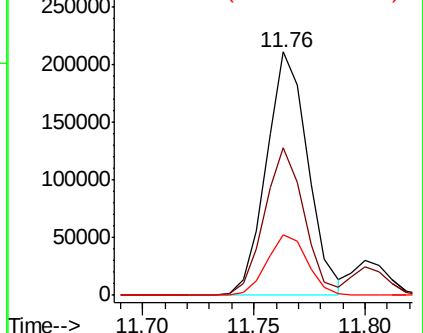
134 24.5 11.9 35.7



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: 20.384 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX015099.D

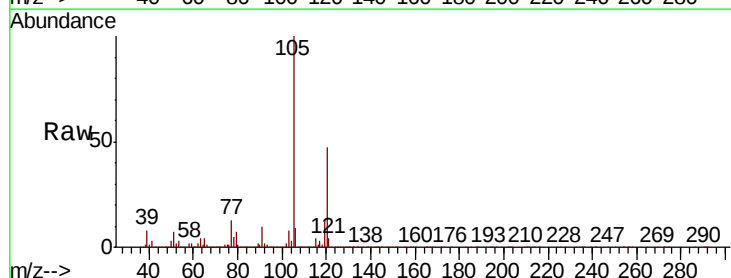
Acq: 05 Mar 2020 10:18

Tgt Ion:105 Resp: 293004

Ion Ratio Lower Upper

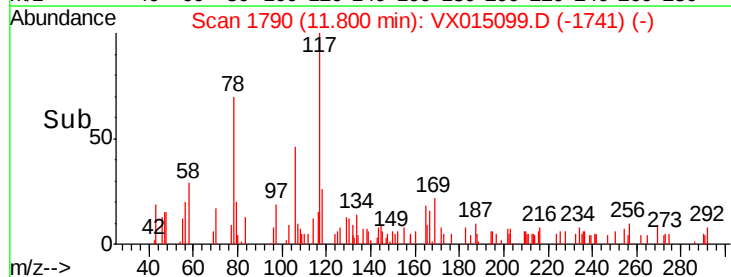
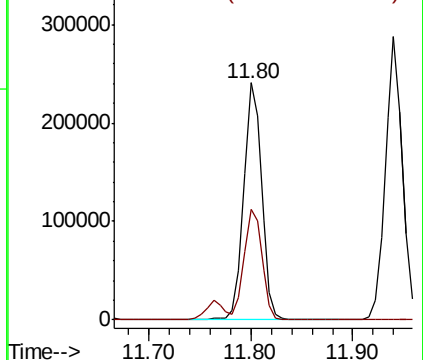
105 100

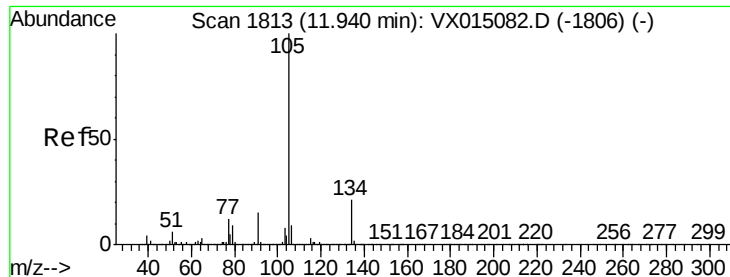
120 46.4 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.230 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

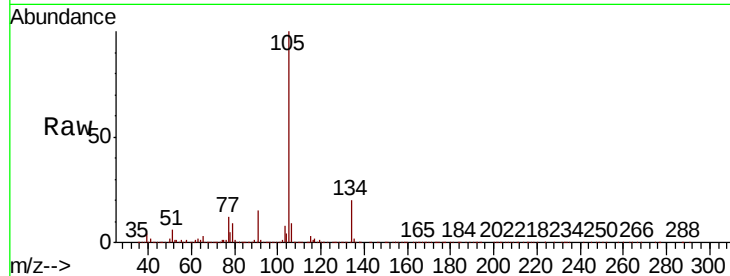
VX0305WBSD01

Tot Ion:105 Resp: 337866

Ion Ratio Lower Upper

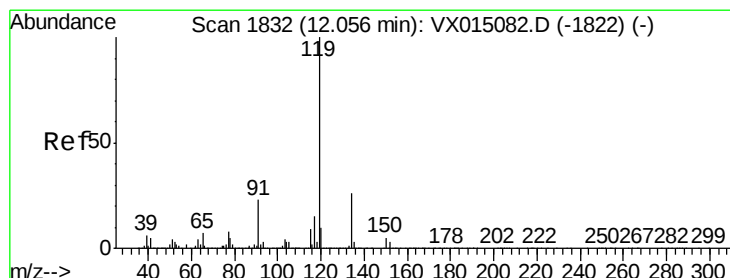
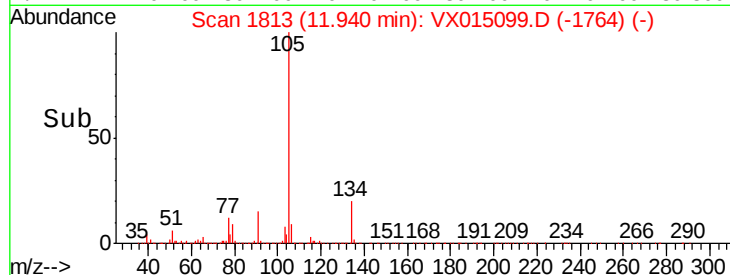
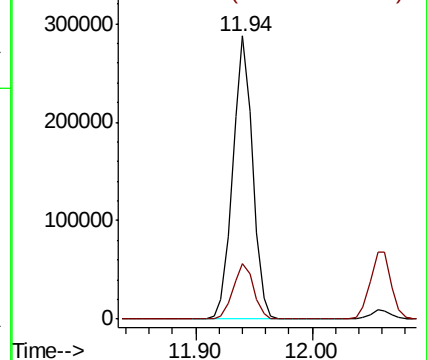
105 100

134 20.4 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.312 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

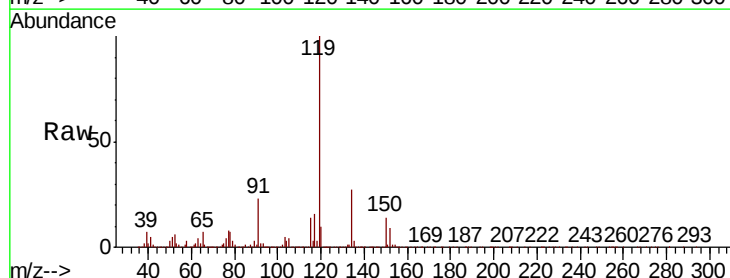
Tgt Ion:119 Resp: 312538

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

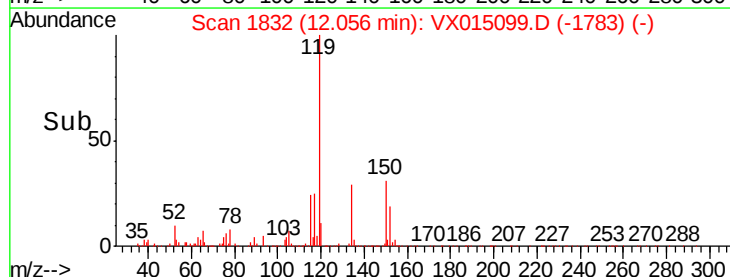
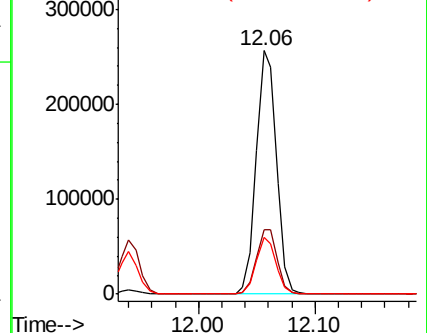
91 22.8 11.3 33.8

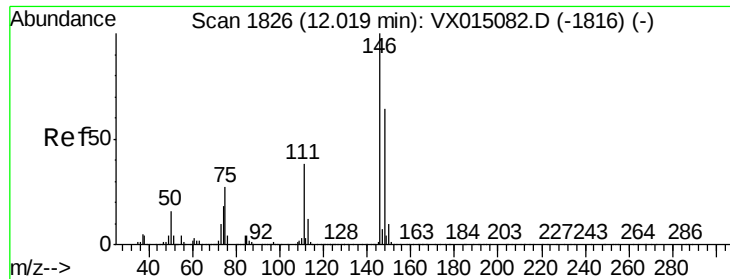


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.613 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

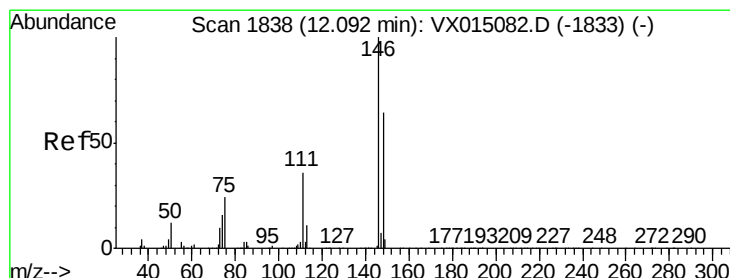
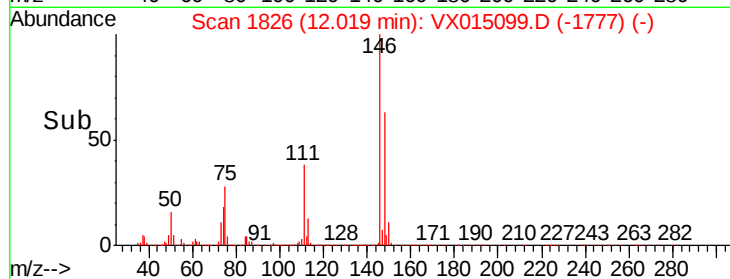
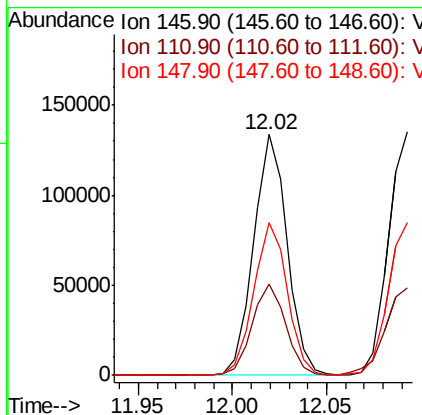
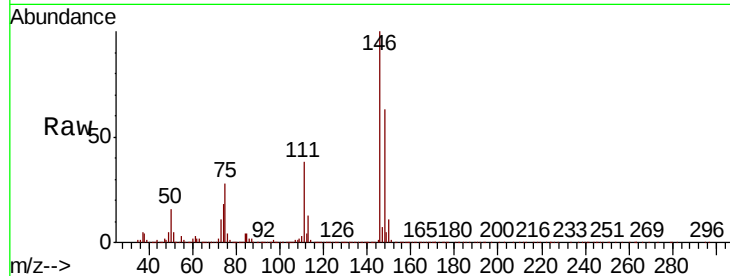
Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion:146 Resp: 165154

Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.1
148	63.1	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 19.040 ug/l

RT: 12.09 min Scan# 1838

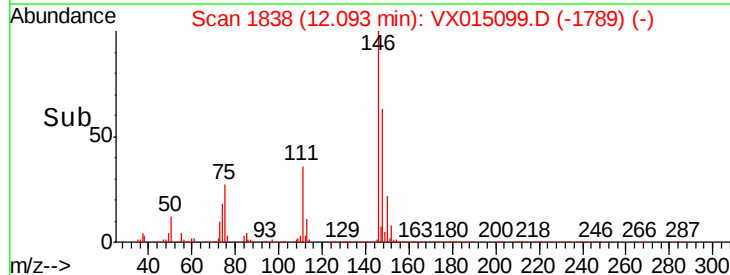
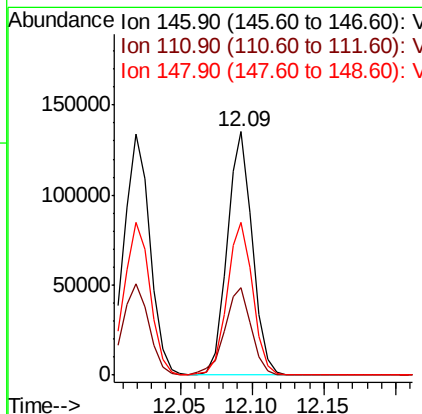
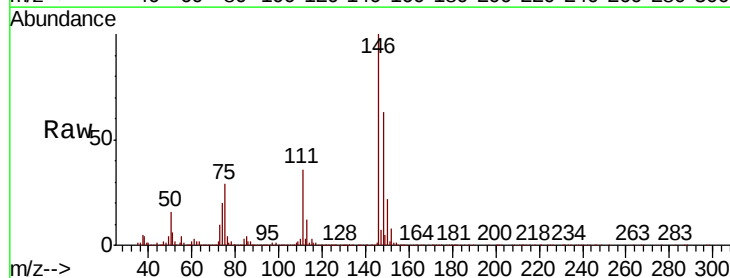
Delta R.T. 0.00 min

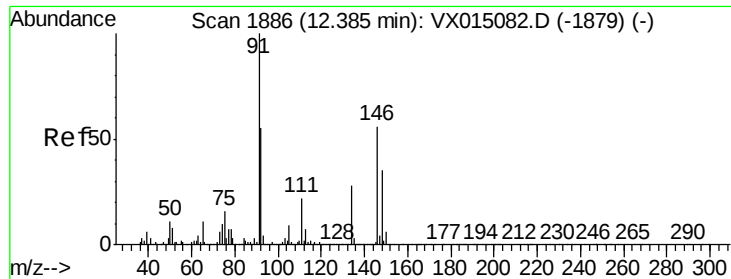
Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Tgt Ion:146 Resp: 165530

Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.7	56.1
148	64.1	32.5	97.4

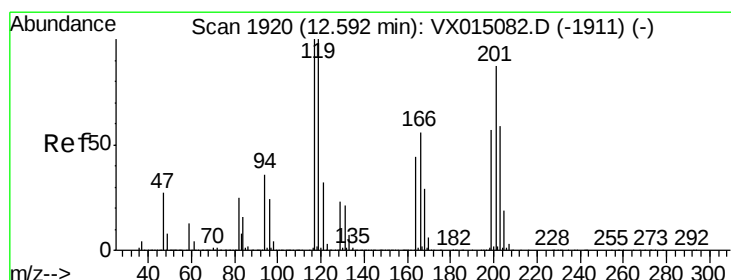
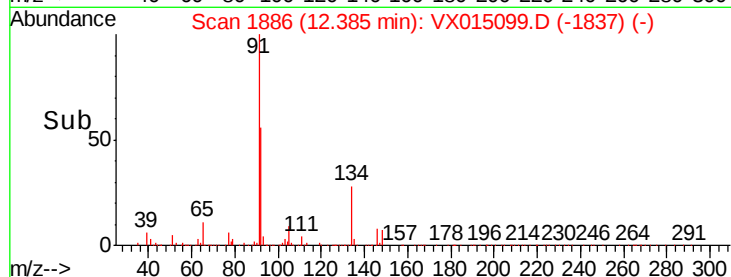
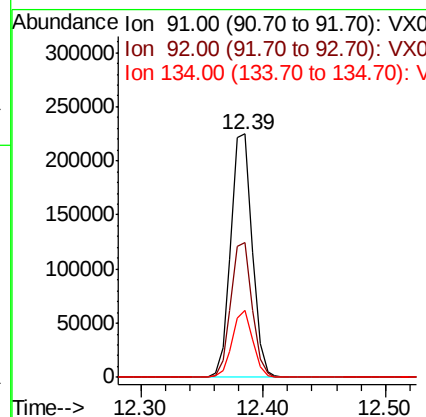
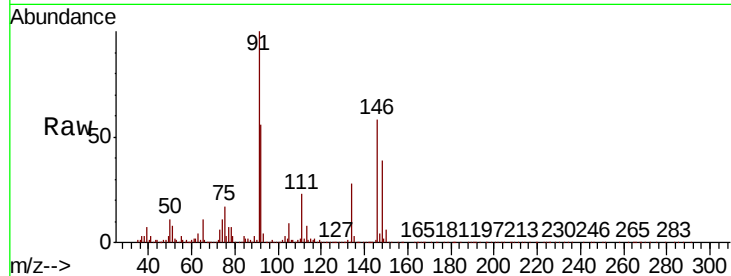




#89
n-Butylbenzene
Concen: 19.891 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

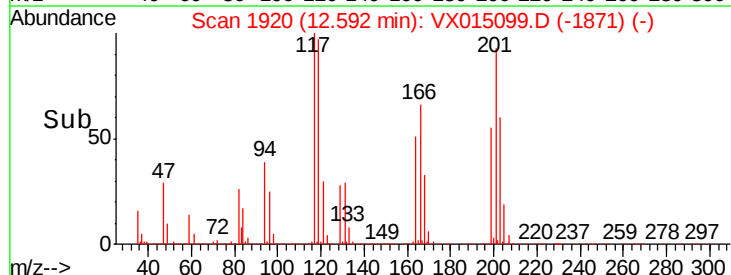
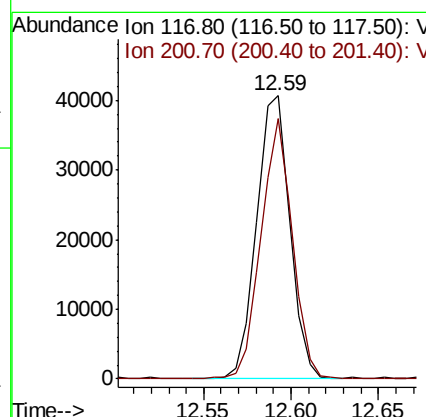
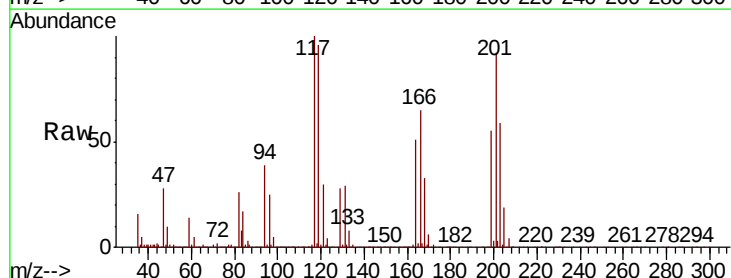
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

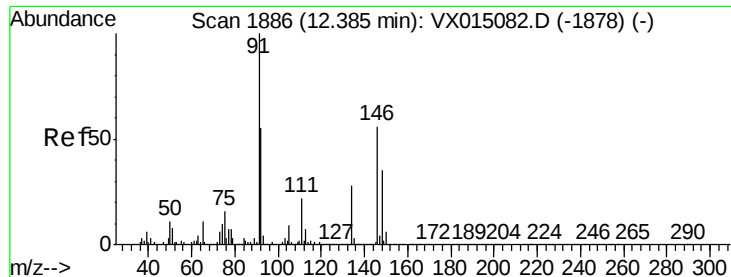
Tot Ion: 91 Resp: 272220
Ion Ratio Lower Upper
91 100
92 55.1 27.2 81.6
134 26.5 13.5 40.5



#90
Hexachloroethane
Concen: 18.600 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion: 117 Resp: 54107
Ion Ratio Lower Upper
117 100
201 87.0 43.5 130.7





#91

1,2-Dichlorobenzene

Concen: 19.238 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

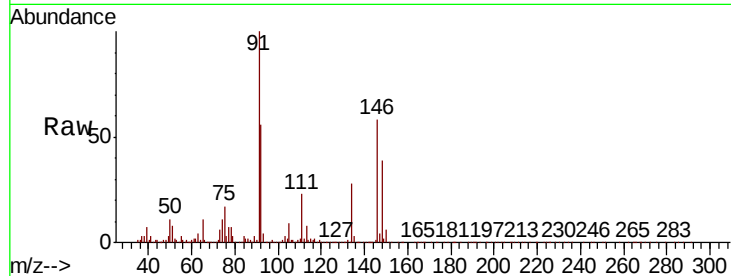
Tot Ion:146 Resp: 161060

Ion Ratio Lower Upper

146 100

111 40.0 19.9 59.7

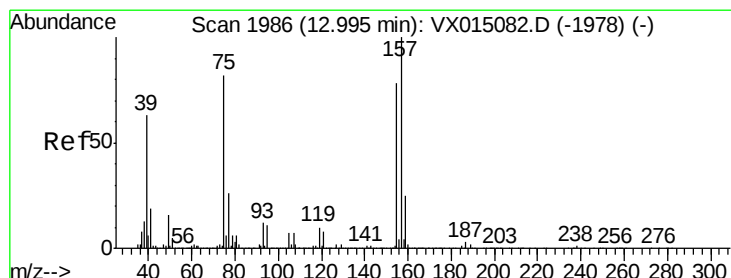
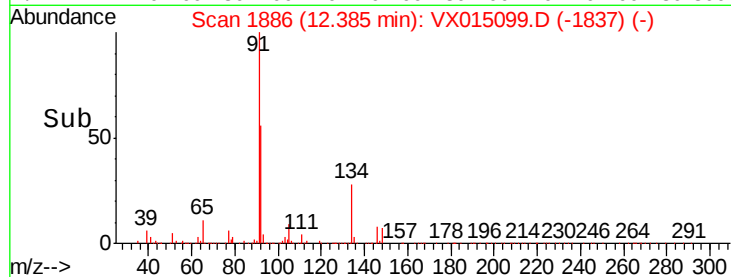
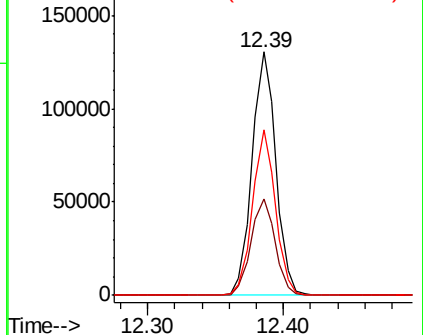
148 65.2 32.3 96.8



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: 19.365 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

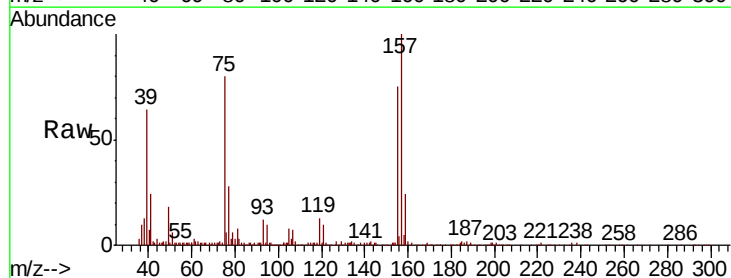
Tgt Ion: 75 Resp: 22212

Ion Ratio Lower Upper

75 100

155 88.6 46.6 139.7

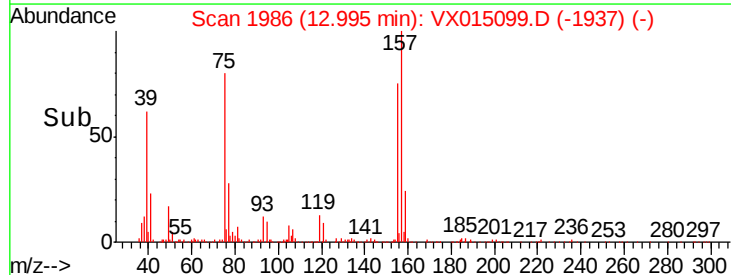
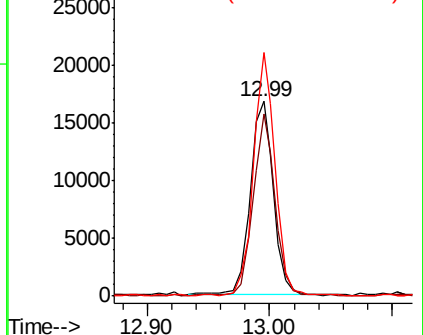
157 117.4 59.2 177.5

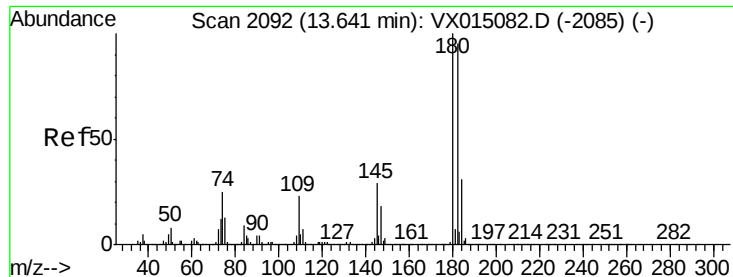


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

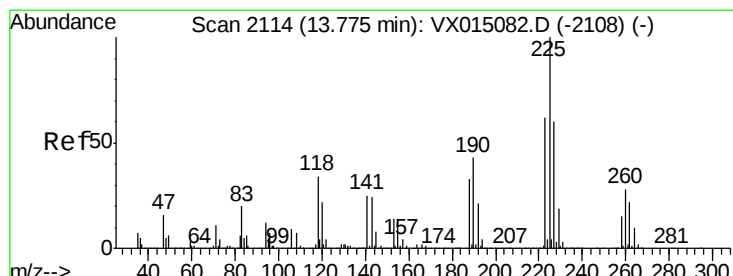
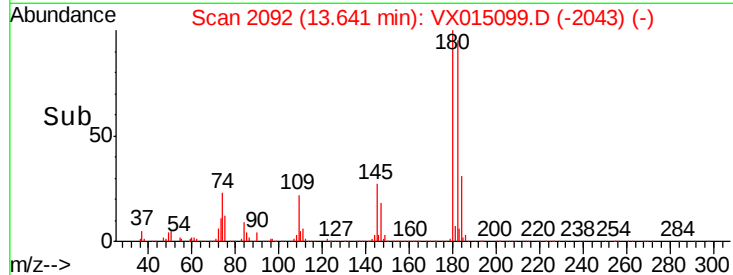
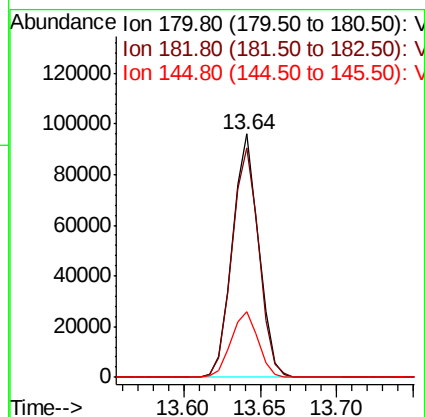
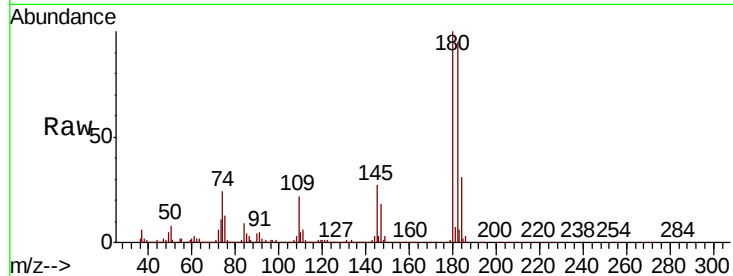




#93
 1,2,4-Trichlorobenzene
 Concen: 19.692 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015099.D
 Acq: 05 Mar 2020 10:18

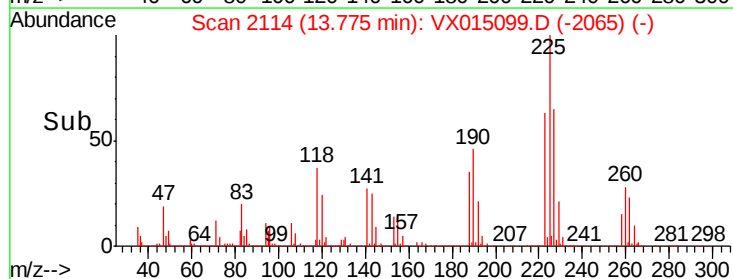
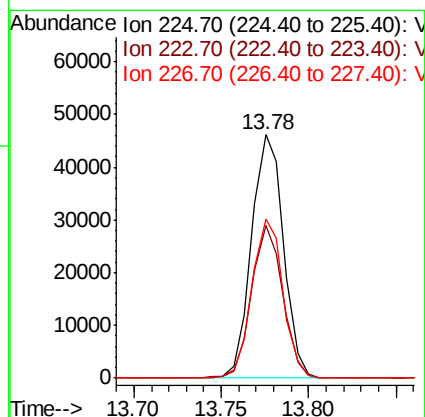
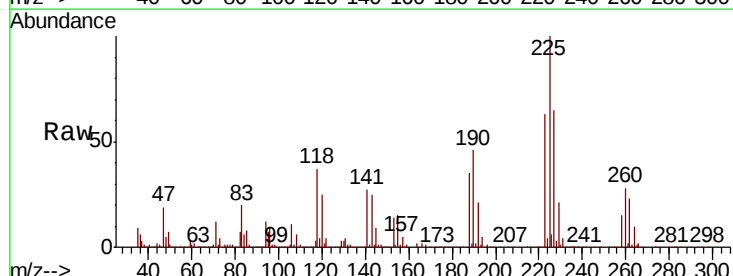
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

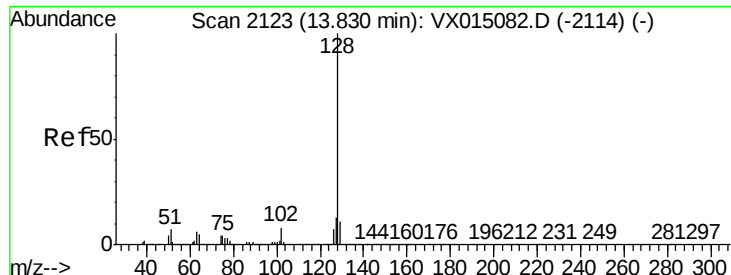
Tot Ion:180 Resp: 114433
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.6 142.8
 145 28.2 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 19.600 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015099.D
 Acq: 05 Mar 2020 10:18

Tgt Ion:225 Resp: 58449
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.3 93.9
 227 64.1 31.1 93.2

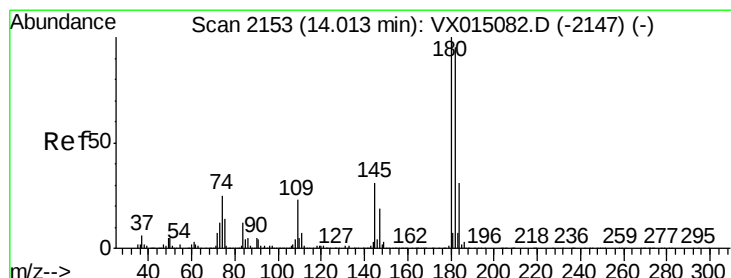
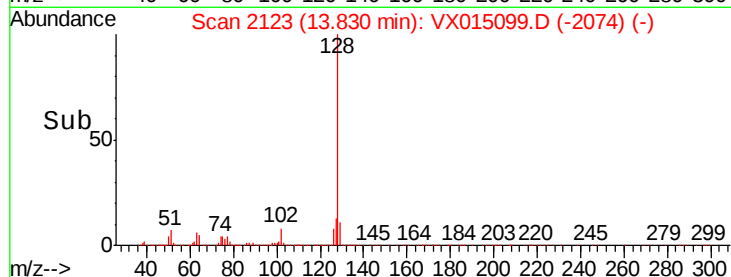
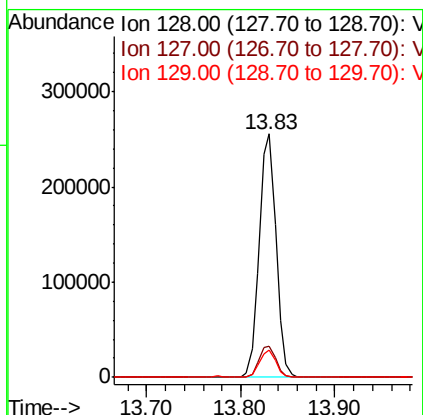
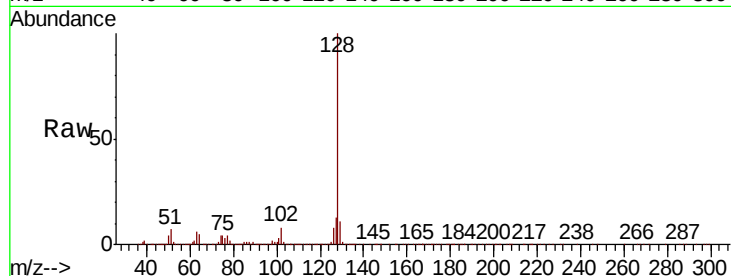




#95
Naphthalene
Concen: 18.845 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion:128 Resp: 319403
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.405 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion:180 Resp: 118311
Ion Ratio Lower Upper
180 100
182 95.3 47.8 143.4
145 29.5 15.1 45.3

