

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040120\
 Data File : VX015468.D
 Acq On : 01 Apr 2020 16:08
 Operator : JC/SP
 Sample : VX0401MBSD01
 Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401MBSD01

Quant Time: Apr 02 10:02:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	1179795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1855198	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1705023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	882433	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	839732	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
35) Dibromofluoromethane	5.47	113	612647	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
50) Toluene-d8	8.70	98	2322129	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
62) 4-Bromofluorobenzene	11.12	95	951892	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	224987	21.645	ug/l	98
3) Chloromethane	1.31	50	256626	19.387	ug/l	99
4) Vinyl Chloride	1.39	62	240711	19.804	ug/l	99
5) Bromomethane	1.63	94	155892	23.545	ug/l	98
6) Chloroethane	1.71	64	150407	19.953	ug/l	99
7) Trichlorofluoromethane	1.92	101	355712	21.823	ug/l	98
8) Diethyl Ether	2.17	74	131680	19.153	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	236209	22.229	ug/l	97
10) Methyl Iodide	2.49	142	270336	18.869	ug/l	99
11) Tert butyl alcohol	3.01	59	309376	77.678	ug/l	100
12) 1,1-Dichloroethene	2.36	96	230606	20.703	ug/l	94
13) Acrolein	2.27	56	257459	113.479	ug/l	99
14) Allyl chloride	2.71	41	518074	19.906	ug/l	97
15) Acrylonitrile	3.11	53	715095	94.147	ug/l	99
16) Acetone	2.42	43	710697	99.415	ug/l	99
17) Carbon Disulfide	2.55	76	673724	19.828	ug/l	100
18) Methyl Acetate	2.75	43	335756	18.402	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	867892	20.090	ug/l	100
20) Methylene Chloride	2.83	84	260902	19.539	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	248126	20.072	ug/l	99
22) Diisopropyl ether	3.83	45	962674	20.874	ug/l	91
23) Vinyl Acetate	3.78	43	4239934	101.542	ug/l	99
24) 1,1-Dichloroethane	3.67	63	483769	19.923	ug/l	100
25) 2-Butanone	4.63	43	1056180	91.867	ug/l	98
26) 2,2-Dichloropropane	4.55	77	443259	22.240	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	285962	19.995	ug/l	96
28) Bromochloromethane	4.98	49	207379	17.888	ug/l	97
29) Tetrahydrofuran	5.09	42	664183	89.864	ug/l	99
30) Chloroform	5.18	83	469974	20.118	ug/l	97
31) Cyclohexane	5.54	56	459613	21.819	ug/l	94
32) 1,1,1-Trichloroethane	5.47	97	434925	20.572	ug/l	99
36) 1,1-Dichloropropene	5.77	75	365672	21.392	ug/l	99
37) Ethyl Acetate	4.79	43	410930	18.463	ug/l	99
38) Carbon Tetrachloride	5.75	117	379645	20.506	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX040120\
 Data File : VX015468.D
 Acq On : 01 Apr 2020 16:08
 Operator : JC/SP
 Sample : VX0401MBSD01
 Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
 VX0401MBSD01

Quant Time: Apr 02 10:02:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	434552	22.048	ug/l	99
40) Benzene	6.11	78	1037159	20.713	ug/l	99
41) Methacrylonitrile	5.00	41	236957	19.179	ug/l	99
42) 1,2-Dichloroethane	6.16	62	410158	20.393	ug/l	100
43) Isopropyl Acetate	6.41	43	724777	19.290	ug/l	99
44) Trichloroethene	7.19	130	279250	20.449	ug/l	94
45) 1,2-Dichloropropane	7.49	63	278707	20.347	ug/l	97
46) Dibromomethane	7.64	93	180208	20.056	ug/l	96
47) Bromodichloromethane	7.87	83	389237	20.330	ug/l	95
48) Methyl methacrylate	7.75	41	361231	19.248	ug/l	99
49) 1,4-Dioxane	7.72	88	112936	322.585	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2068869	97.162	ug/l	99
52) Toluene	8.76	92	648846	21.018	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	443274	19.741	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	471387	20.608	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	264311	20.898	ug/l	97
56) Ethyl methacrylate	9.16	69	441699	19.816	ug/l	100
57) 1,3-Dichloropropane	9.36	76	456360	20.027	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1220450	112.567	ug/l	98
59) 2-Hexanone	9.47	43	1562852	97.218	ug/l	100
60) Dibromochloromethane	9.56	129	301133	19.814	ug/l	98
61) 1,2-Dibromoethane	9.65	107	271976	19.776	ug/l	100
64) Tetrachloroethene	9.32	164	272536	21.180	ug/l	98
65) Chlorobenzene	10.12	112	687817	20.228	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	265565	19.549	ug/l	99
67) Ethyl Benzene	10.24	91	1279160	21.210	ug/l	98
68) m/p-Xylenes	10.34	106	940806	41.894	ug/l	97
69) o-Xylene	10.68	106	463570	20.890	ug/l	98
70) Styrene	10.70	104	791239	20.263	ug/l	99
71) Bromoform	10.84	173	230172	18.613	ug/l #	99
73) Isopropylbenzene	11.00	105	1229040	21.257	ug/l	100
74) N-amyl acetate	10.88	43	637985	19.839	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	388095	19.561	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	364446m	20.084	ug/l	
77) Bromobenzene	11.24	156	313836	20.349	ug/l	98
78) n-propylbenzene	11.34	91	1451175	21.950	ug/l	99
79) 2-Chlorotoluene	11.40	91	862278	21.279	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1045215	21.167	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	144556	19.114	ug/l	99
82) 4-Chlorotoluene	11.49	91	1012779	21.319	ug/l	99
83) tert-Butylbenzene	11.76	119	1022095	21.191	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	1094352	21.748	ug/l	98
85) sec-Butylbenzene	11.93	105	1210742	21.705	ug/l	98
86) p-Isopropyltoluene	12.05	119	1148245	22.173	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	567834	20.567	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	574438	20.426	ug/l	98
89) n-Butylbenzene	12.37	91	1047800	22.390	ug/l	99
90) Hexachloroethane	12.58	117	201655	20.006	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	553180	20.473	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	93405	16.680	ug/l	97

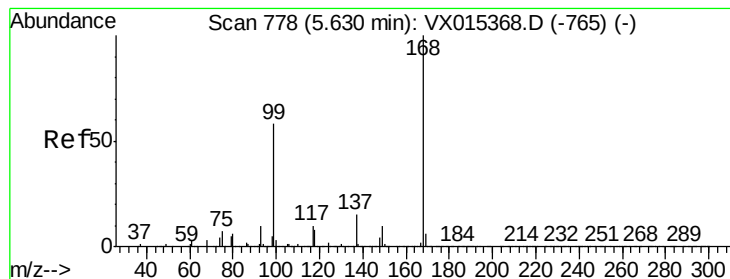
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040120\
Data File : VX015468.D
Acq On : 01 Apr 2020 16:08
Operator : JC/SP
Sample : VX0401MBSD01
Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0401MBSD01

Quant Time: Apr 02 10:02:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	420168	19.660	ug/l	96
94) Hexachlorobutadiene	13.77	225	178695	17.561	ug/l	96
95) Naphthalene	13.82	128	1316714	20.197	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	423316	20.572	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 777

Delta R.T. -0.01 min

Lab File: VX015468.D

Acq: 01 Apr 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

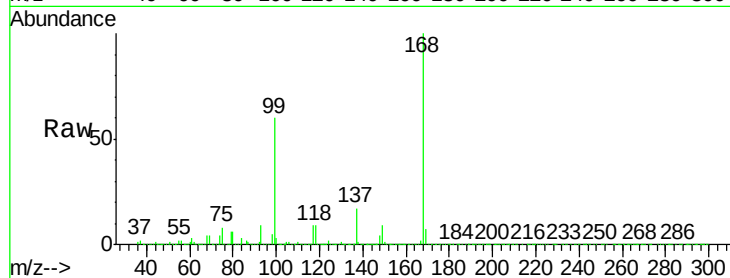
VX0401MBSD01

Tot Ion:168 Resp: 1179795

Ion Ratio Lower Upper

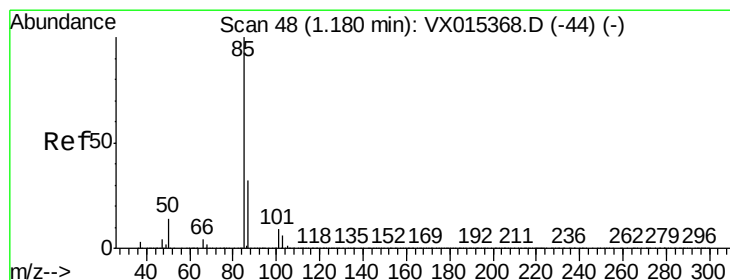
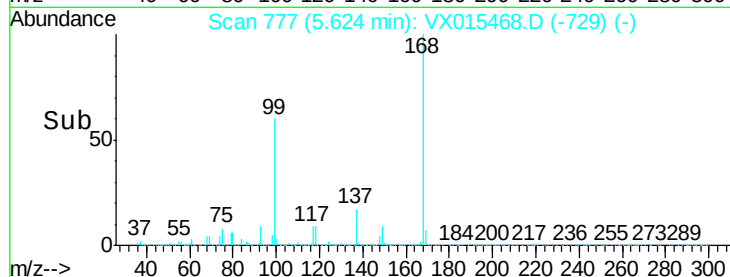
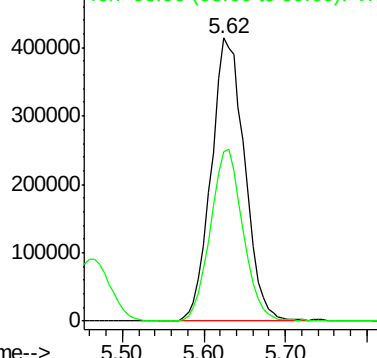
168 100

99 59.6 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.645 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015468.D

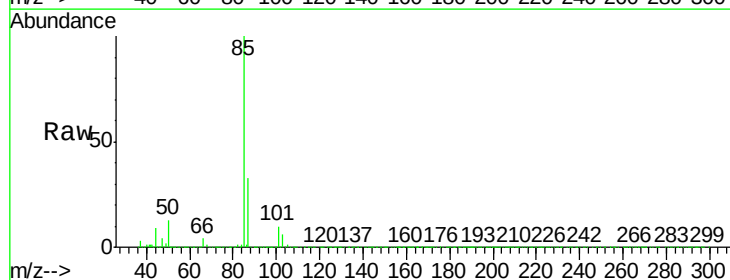
Acq: 01 Apr 2020 16:08

Tgt Ion: 85 Resp: 224987

Ion Ratio Lower Upper

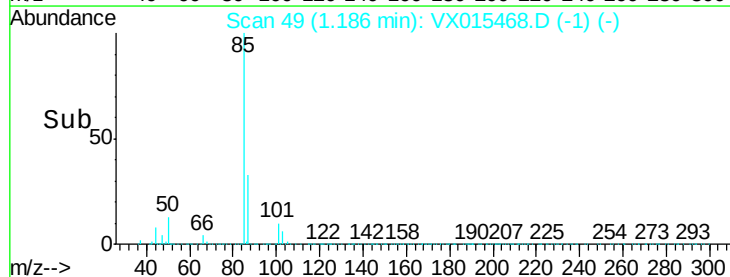
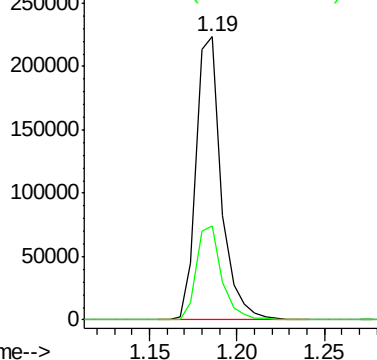
85 100

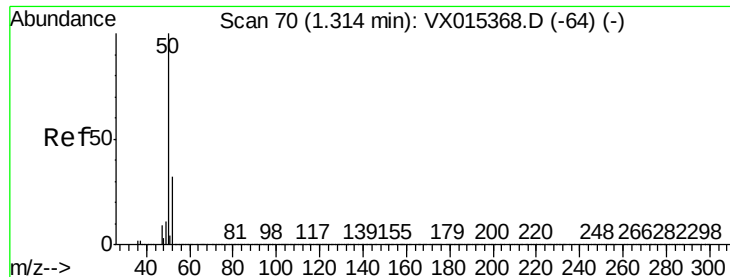
87 33.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.387 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015468.D

Acq: 01 Apr 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

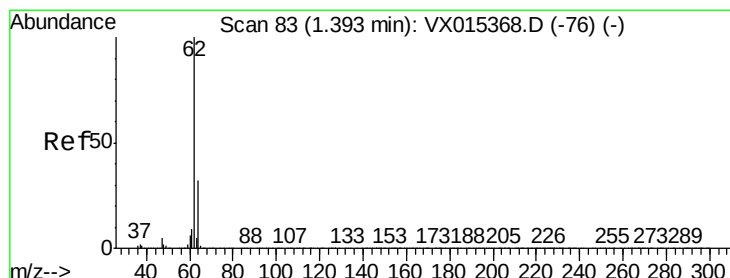
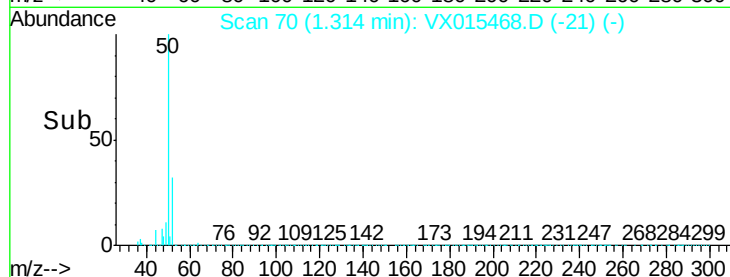
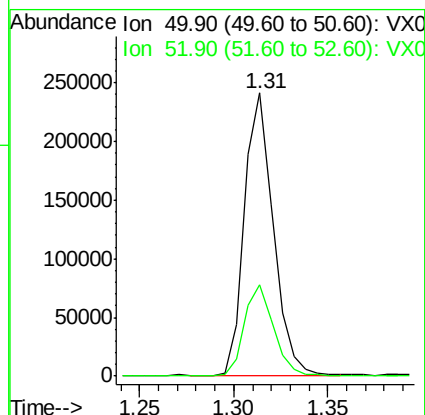
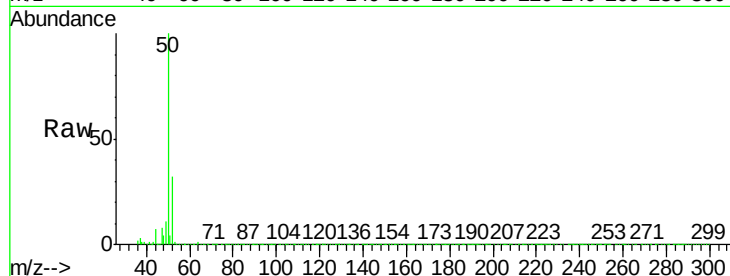
VX0401MBS01

Tot Ion: 50 Resp: 256626

Ion Ratio Lower Upper

50 100

52 32.0 25.3 37.9



#4

Vinyl Chloride

Concen: 19.804 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015468.D

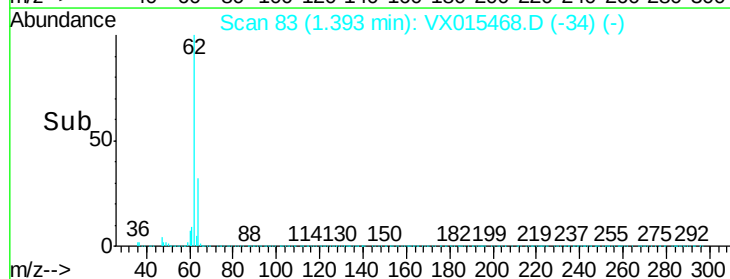
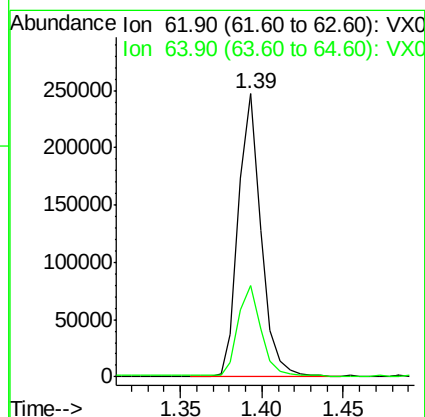
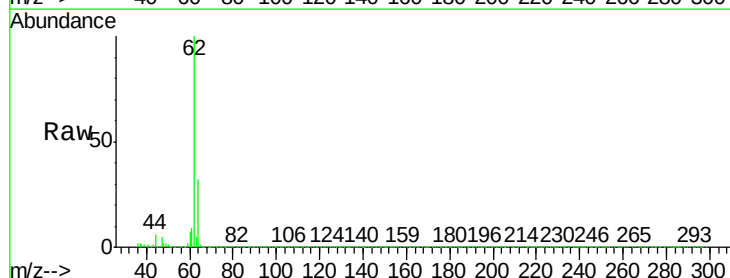
Acq: 01 Apr 2020 16:08

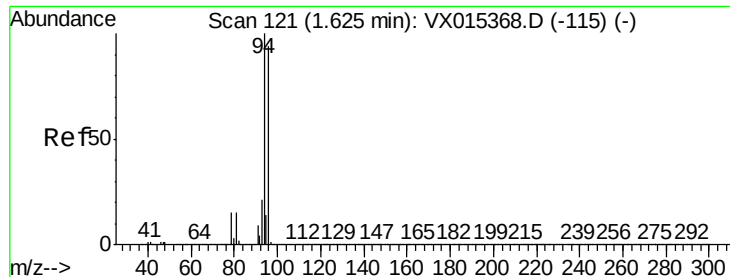
Tgt Ion: 62 Resp: 240711

Ion Ratio Lower Upper

62 100

64 32.1 26.0 39.0





#5

Bromomethane

Concen: 23.545 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015468.D

Acq: 01 Apr 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

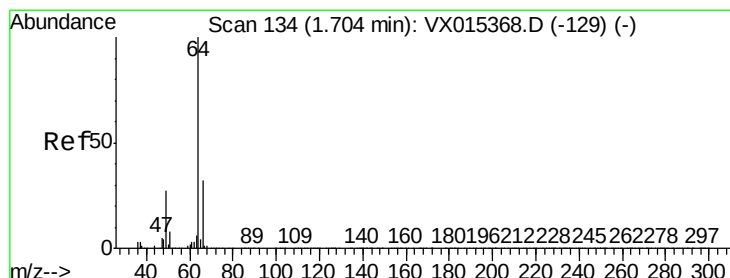
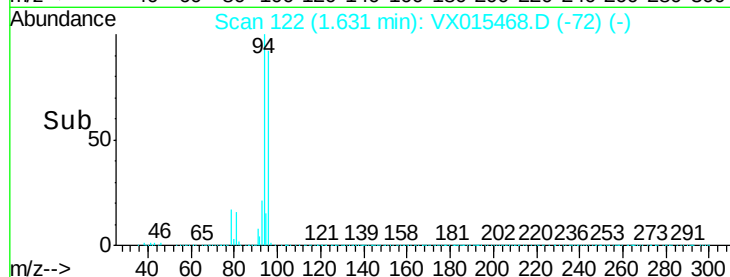
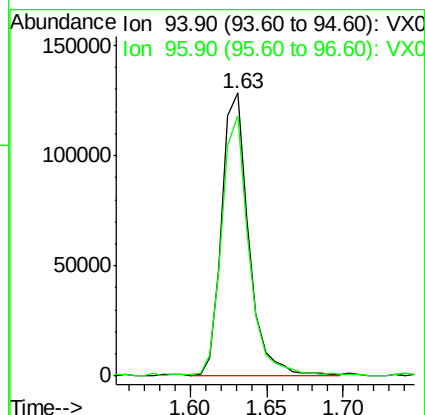
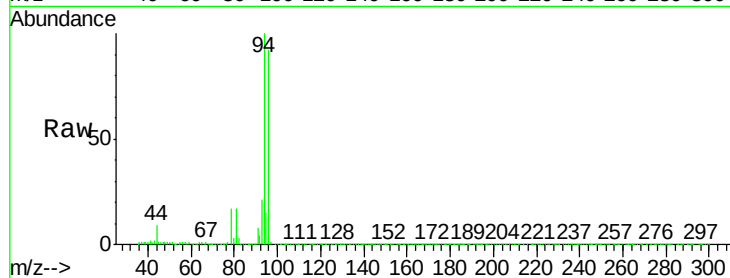
VX0401MBSD01

Tot Ion: 94 Resp: 155892

Ion Ratio Lower Upper

94 100

96 91.9 74.8 112.2



#6

Chloroethane

Concen: 19.953 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015468.D

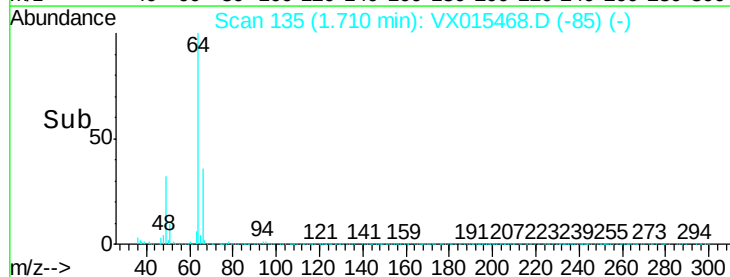
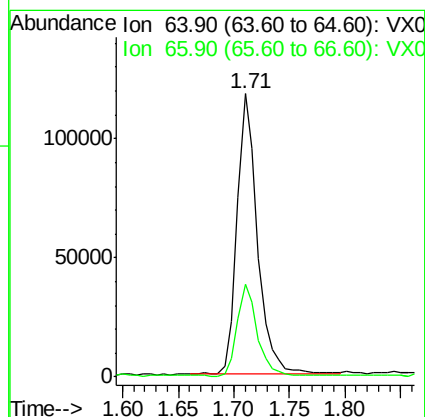
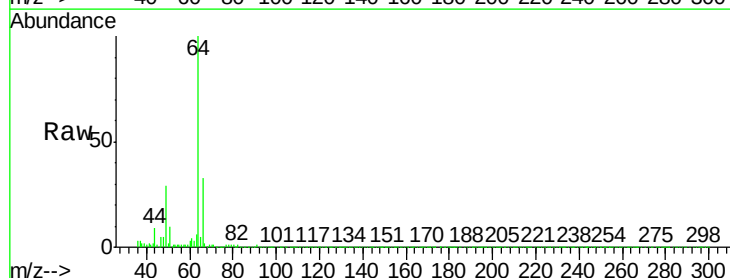
Acq: 01 Apr 2020 16:08

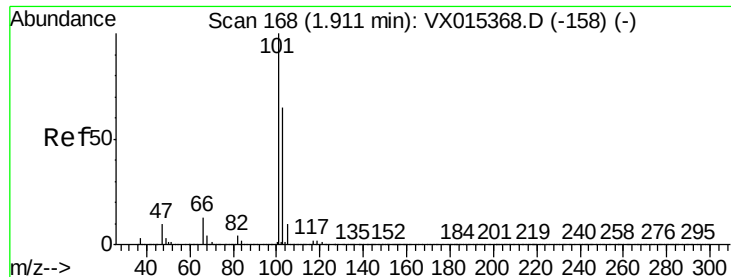
Tgt Ion: 64 Resp: 150407

Ion Ratio Lower Upper

64 100

66 32.3 25.4 38.2



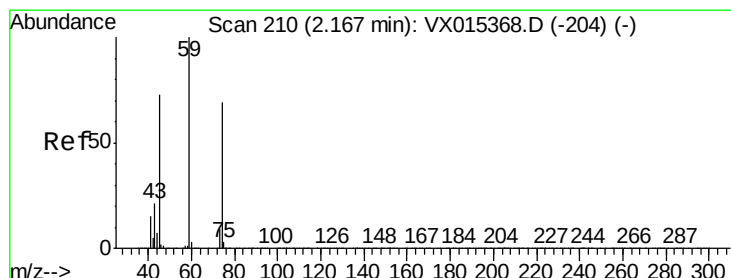
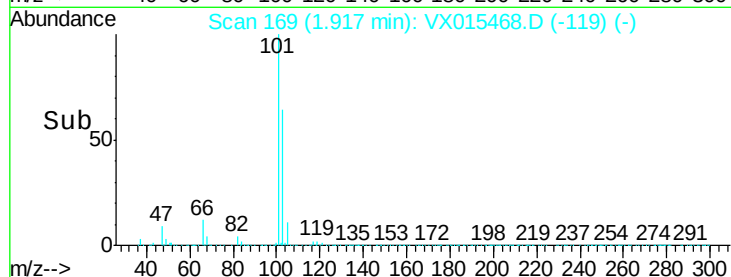
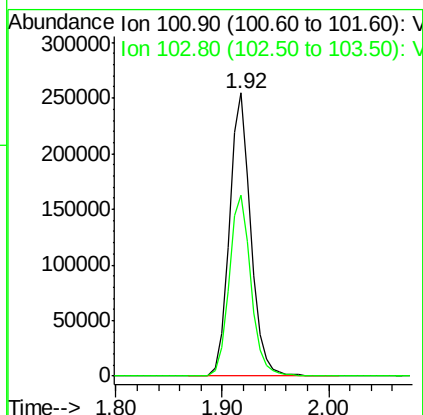
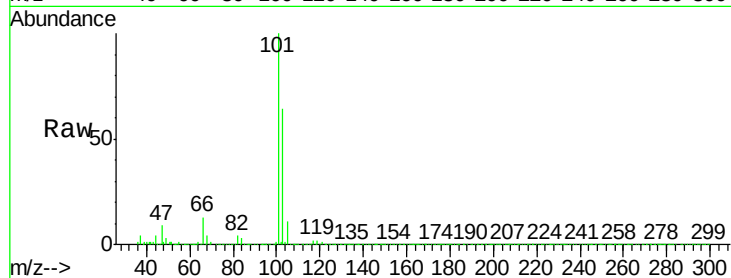


#7

Trichlorofluoromethane
 Concen: 21.823 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.01 min
 Lab File: VX015468.D
 Acq: 01 Apr 2020 16:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401MBSD01

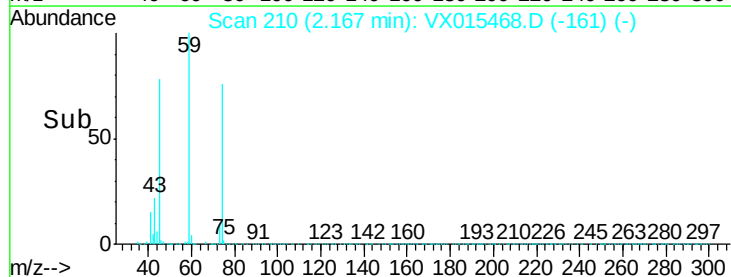
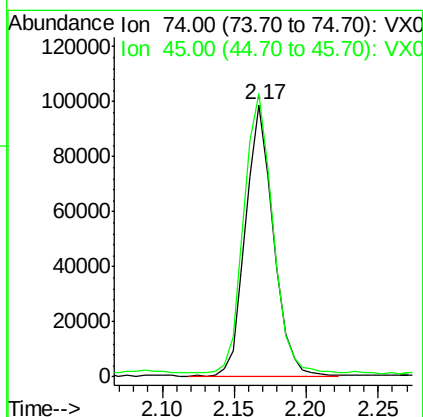
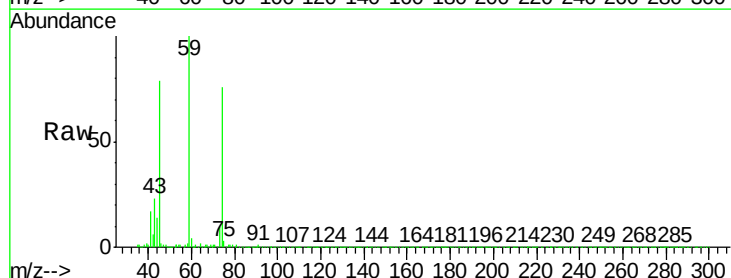
Tot Ion:101 Resp: 355712
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.3 78.5

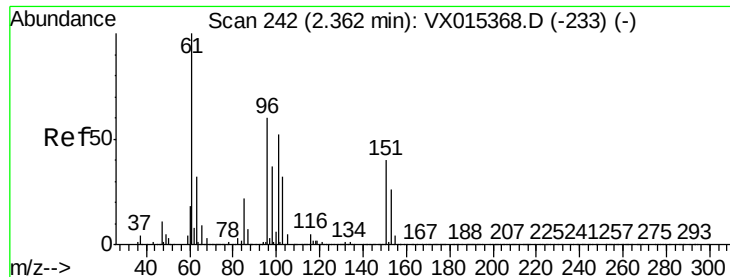


#8

Diethyl Ether
 Concen: 19.153 ug/l
 RT: 2.17 min Scan# 210
 Delta R.T. -0.00 min
 Lab File: VX015468.D
 Acq: 01 Apr 2020 16:08

Tgt Ion: 74 Resp: 131680
 Ion Ratio Lower Upper
 74 100
 45 107.4 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.229 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX015468.D

Acq: 01 Apr 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

VX0401MBS01

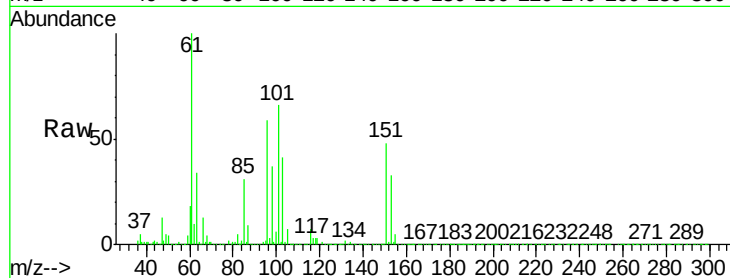
Tot Ion:101 Resp: 236209

Ion Ratio Lower Upper

101 100

85 45.0 35.0 52.4

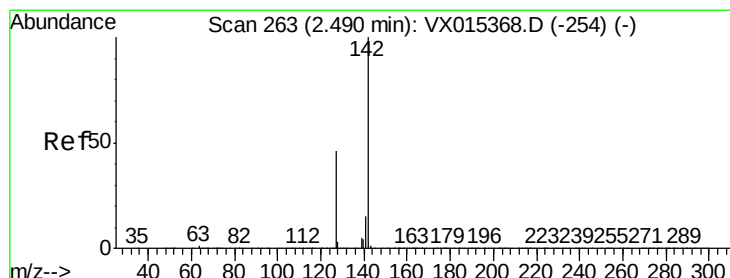
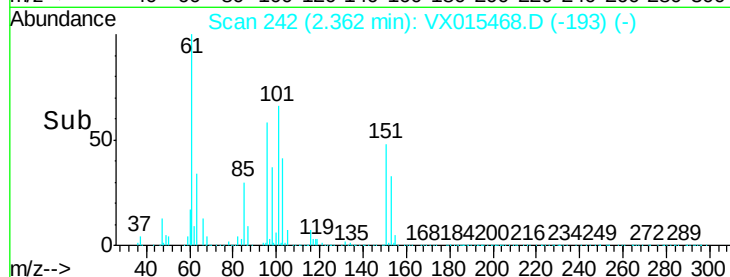
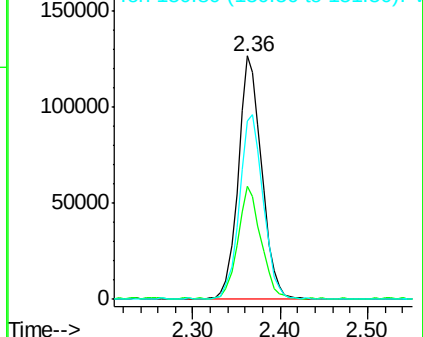
151 77.4 64.1 96.1



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: 18.869 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX015468.D

Acq: 01 Apr 2020 16:08

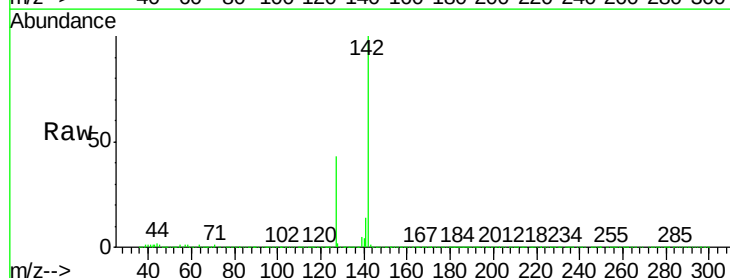
Tgt Ion:142 Resp: 270336

Ion Ratio Lower Upper

142 100

127 45.4 35.9 53.9

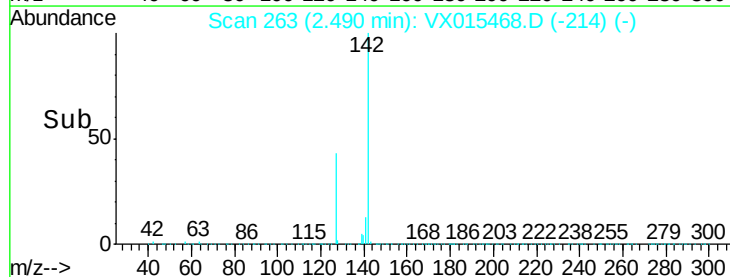
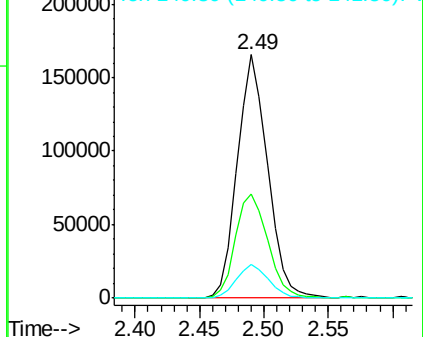
141 14.5 11.6 17.4

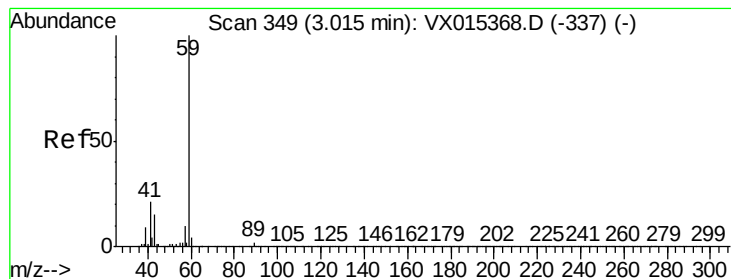


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



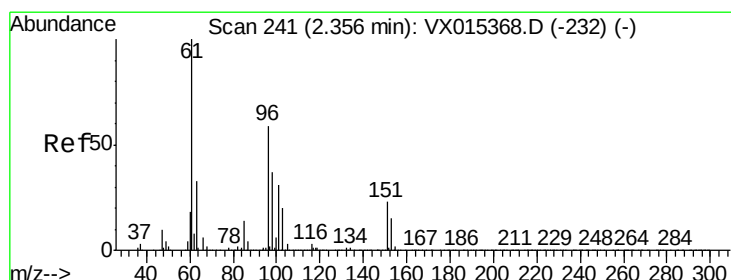
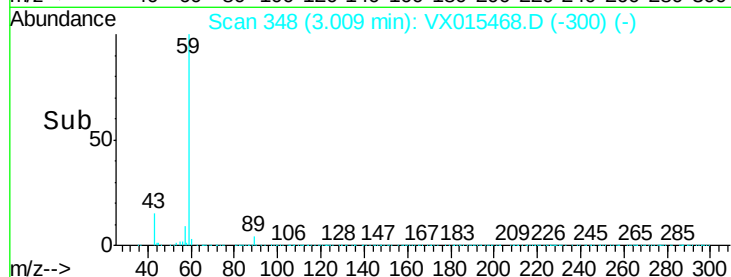
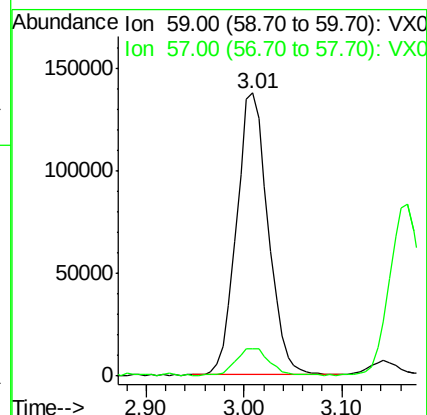
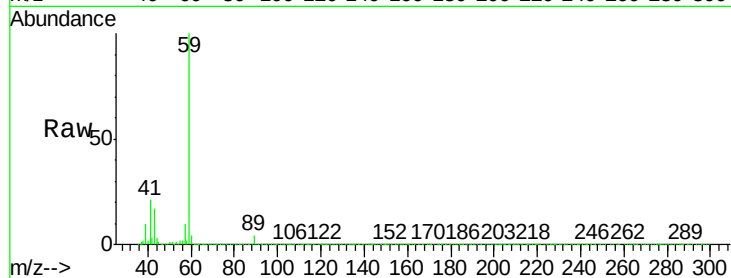


#11

Tert butyl alcohol
 Concen: 77.678 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VX015468.D
 Acq: 01 Apr 2020 16:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401MBS01

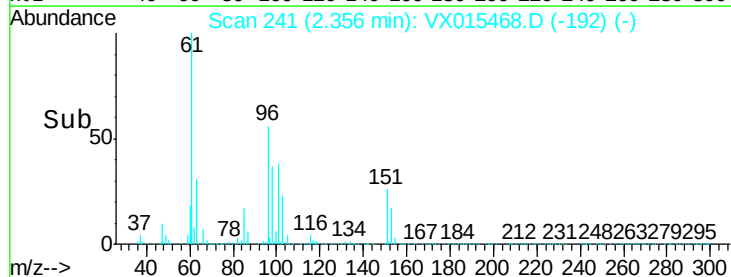
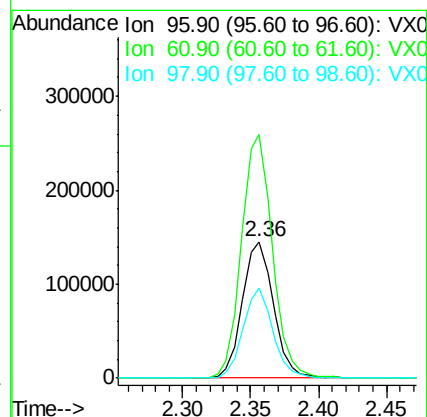
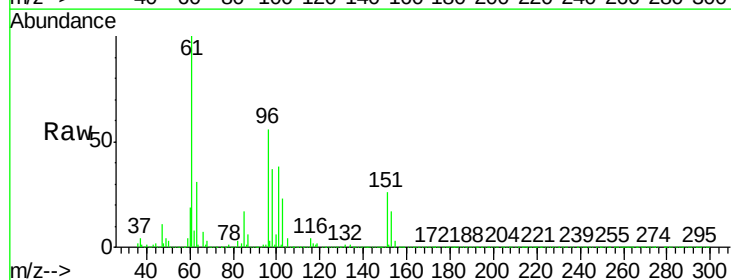
Tot Ion: 59 Resp: 309376
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.1 12.1

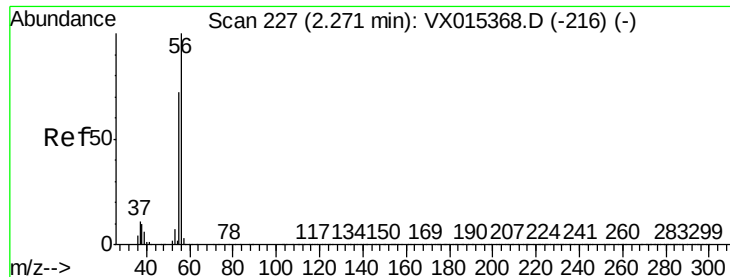


#12

1,1-Dichloroethene
 Concen: 20.703 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.00 min
 Lab File: VX015468.D
 Acq: 01 Apr 2020 16:08

Tgt Ion: 96 Resp: 230606
 Ion Ratio Lower Upper
 96 100
 61 179.0 135.7 203.5
 98 66.3 50.6 75.8

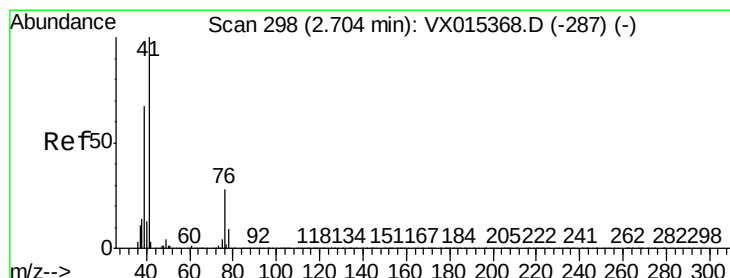
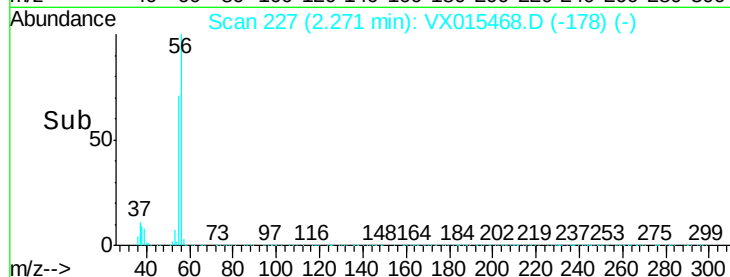
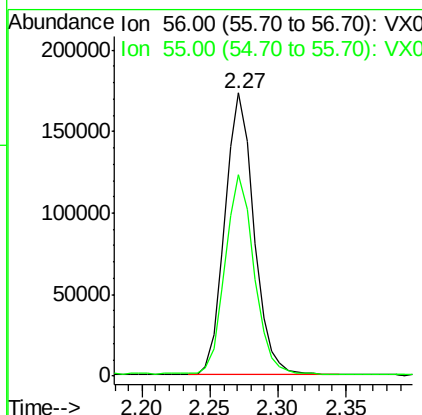
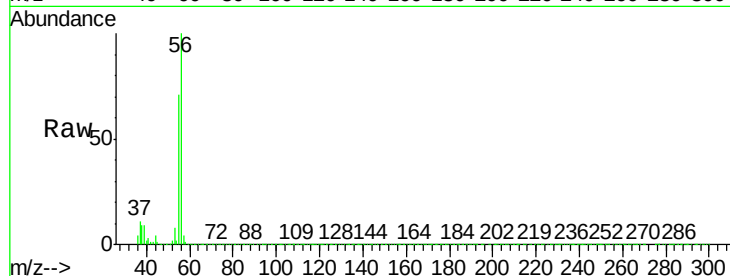




#13
Acrolein
Concen: 113.479 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.00 min
Lab File: VX015468.D
Acq: 01 Apr 2020 16:08

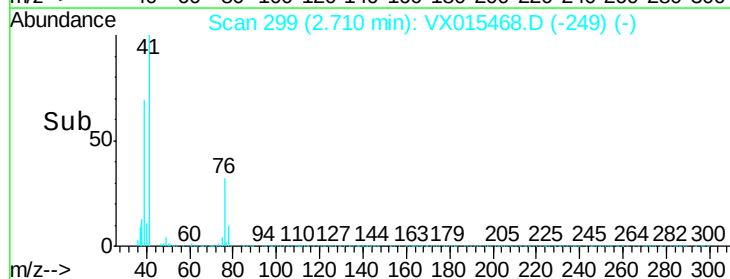
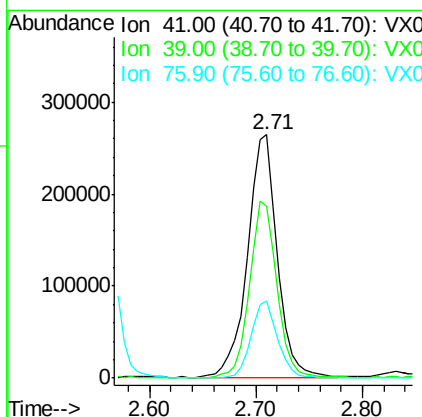
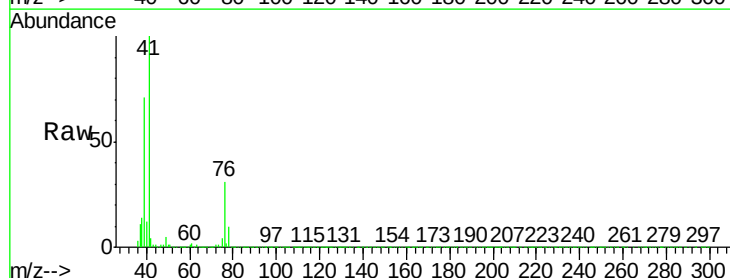
Instrument :
MSVOA_X
ClientSampleId :
VX0401MBSD01

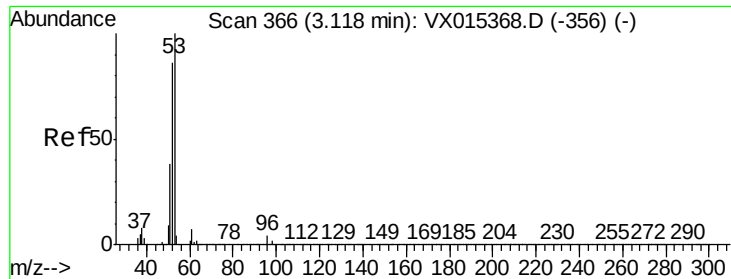
Tot Ion: 56 Resp: 257459
Ion Ratio Lower Upper
56 100
55 72.1 57.0 85.4



#14
Allyl chloride
Concen: 19.906 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.01 min
Lab File: VX015468.D
Acq: 01 Apr 2020 16:08

Tgt Ion: 41 Resp: 518074
Ion Ratio Lower Upper
41 100
39 66.7 51.4 77.0
76 27.9 21.8 32.8





#15

Acrylonitrile

Concen: 94.147 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015468.D

Acq: 01 Apr 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

VX0401MBSD01

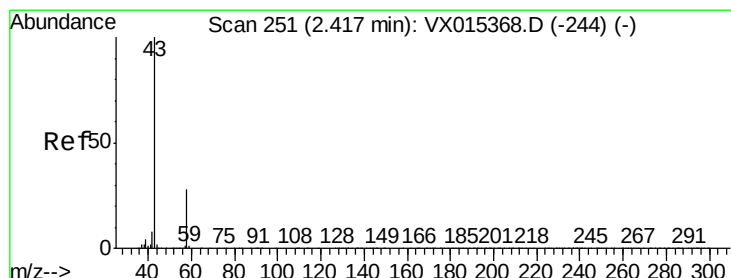
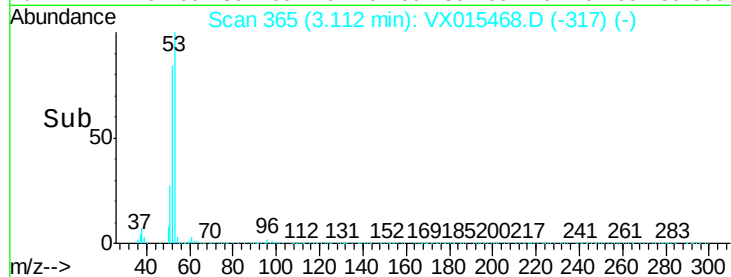
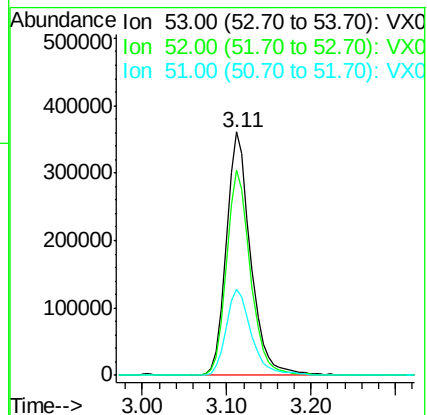
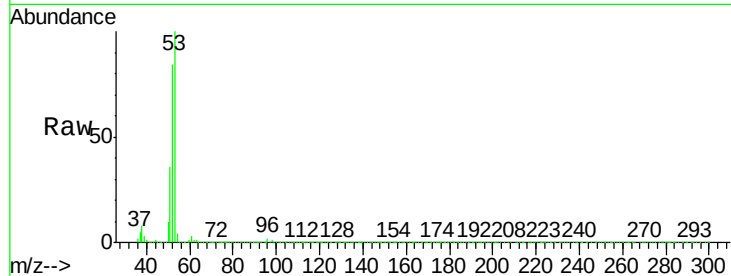
Tot Ion: 53 Resp: 715095

Ion Ratio Lower Upper

53 100

52 82.7 66.8 100.2

51 36.3 29.5 44.3



#16

Acetone

Concen: 99.415 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.00 min

Lab File: VX015468.D

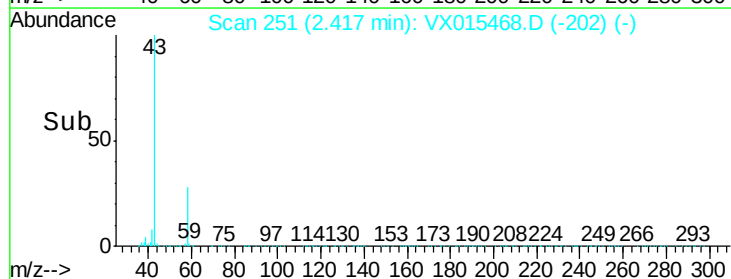
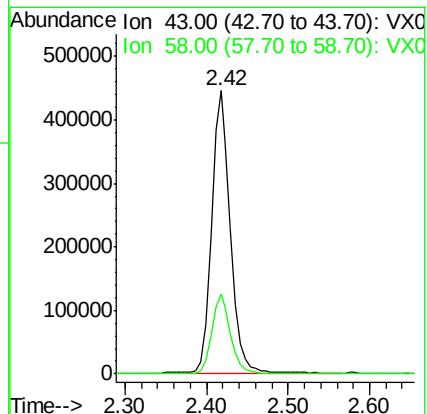
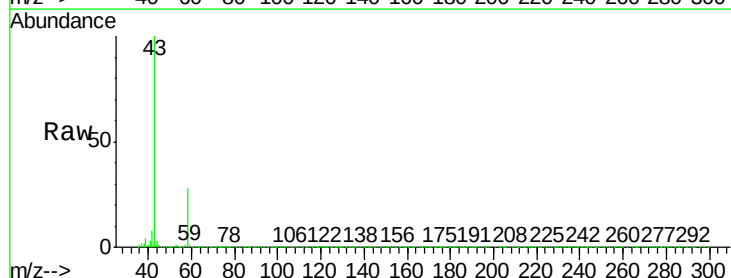
Acq: 01 Apr 2020 16:08

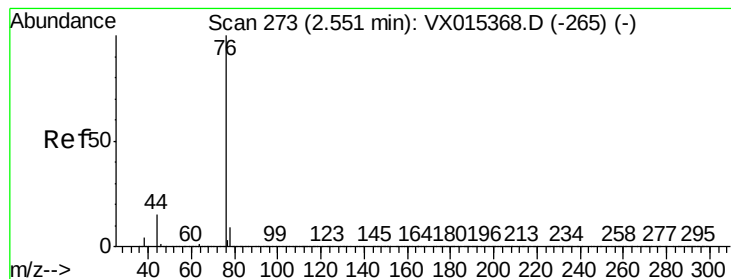
Tgt Ion: 43 Resp: 710697

Ion Ratio Lower Upper

43 100

58 28.1 22.1 33.1





#17

Carbon Disulfide

Concen: 19.828 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015468.D

Acq: 01 Apr 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

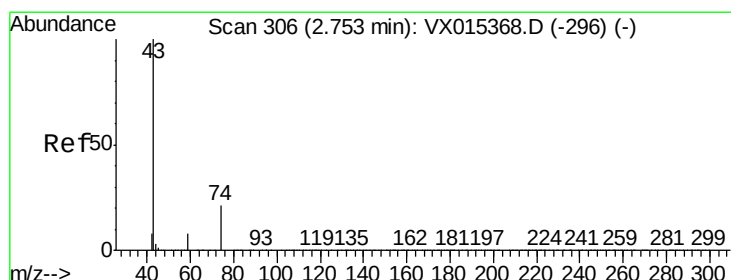
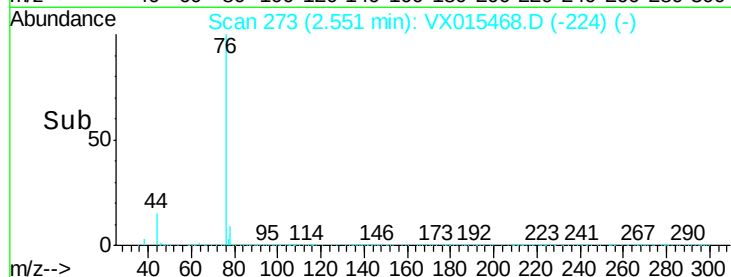
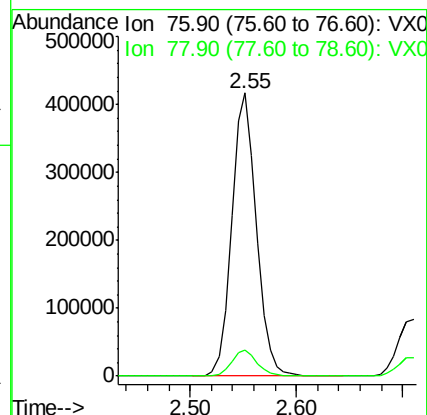
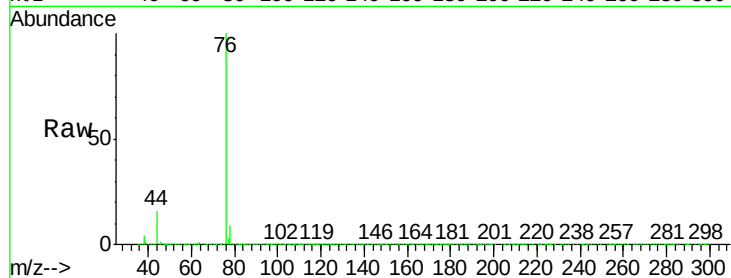
VX0401MBSD01

Tot Ion: 76 Resp: 673724

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



#18

Methyl Acetate

Concen: 18.402 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015468.D

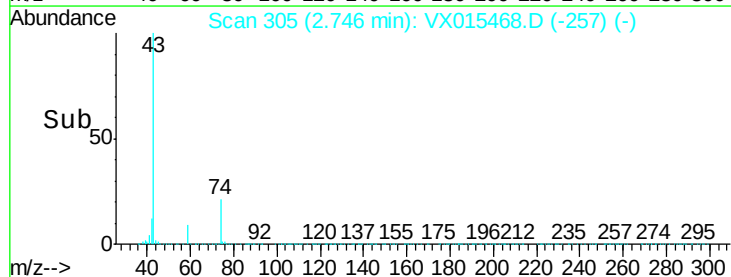
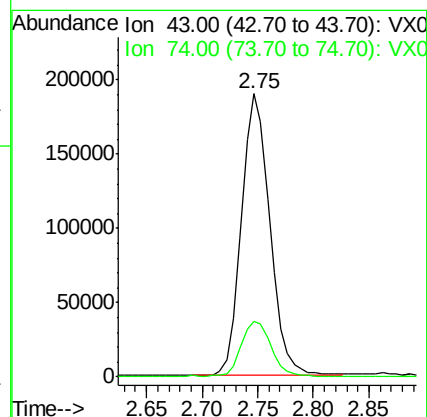
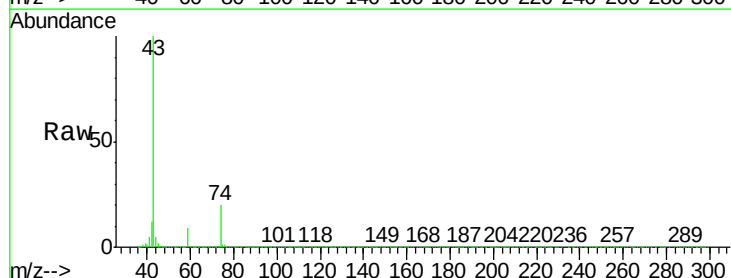
Acq: 01 Apr 2020 16:08

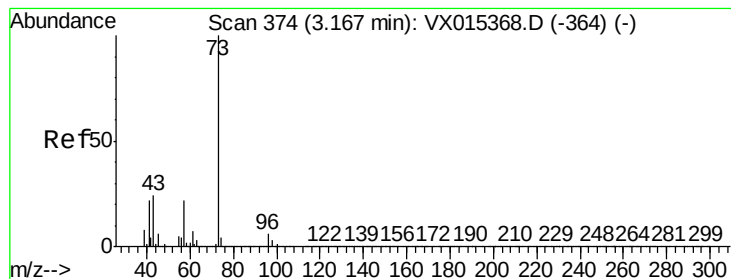
Tgt Ion: 43 Resp: 335756

Ion Ratio Lower Upper

43 100

74 20.8 16.5 24.7



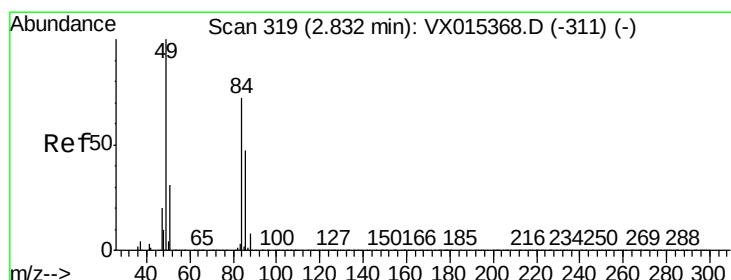
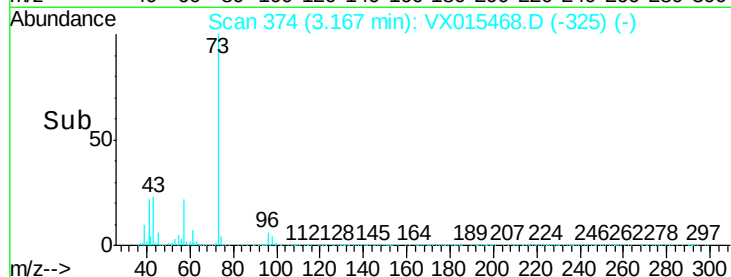
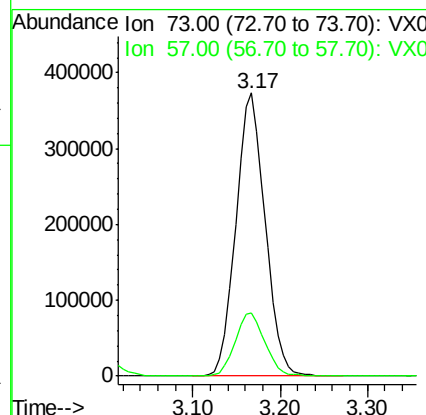
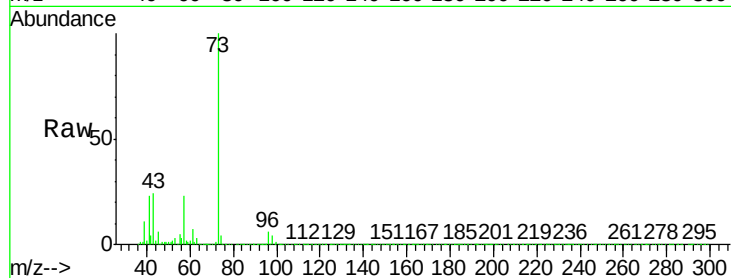


#19

Methyl tert-butyl Ether
 Concen: 20.090 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VX015468.D
 Acq: 01 Apr 2020 16:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401MBSD01

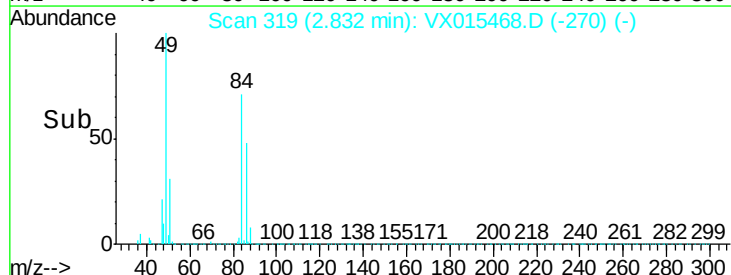
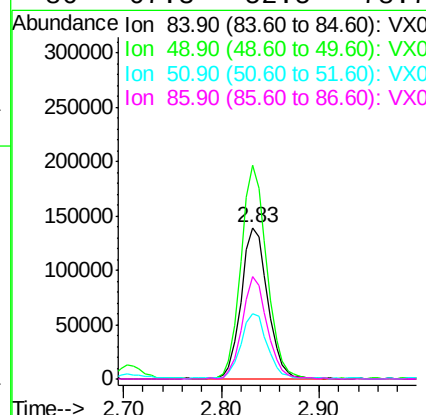
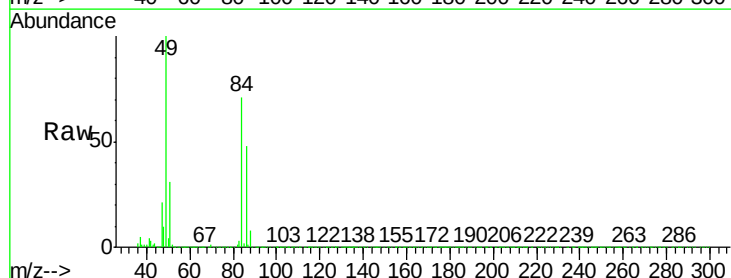
Tot Ion: 73 Resp: 867892
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.9 26.9

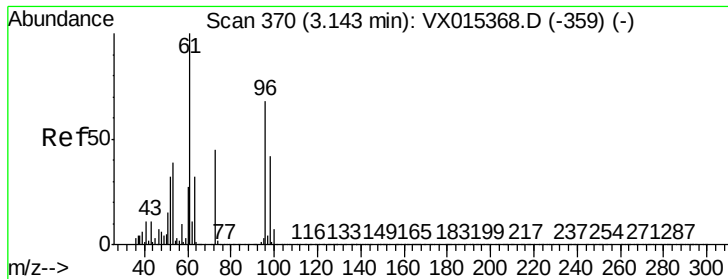


#20

Methylene Chloride
 Concen: 19.539 ug/l
 RT: 2.83 min Scan# 319
 Delta R.T. -0.00 min
 Lab File: VX015468.D
 Acq: 01 Apr 2020 16:08

Tgt Ion: 84 Resp: 260902
 Ion Ratio Lower Upper
 84 100
 49 141.0 111.3 166.9
 51 42.8 34.0 51.0
 86 67.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 20.072 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015468.D

Acq: 01 Apr 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

VX0401MBSD01

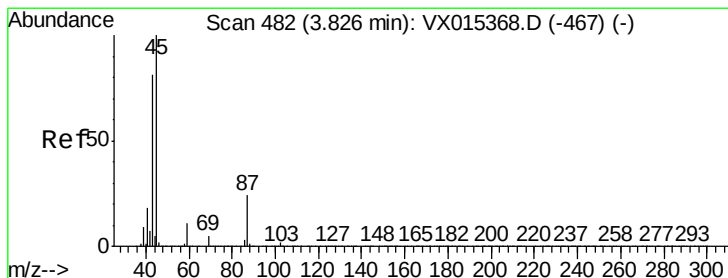
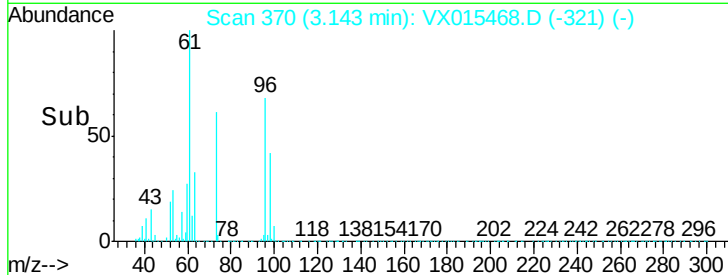
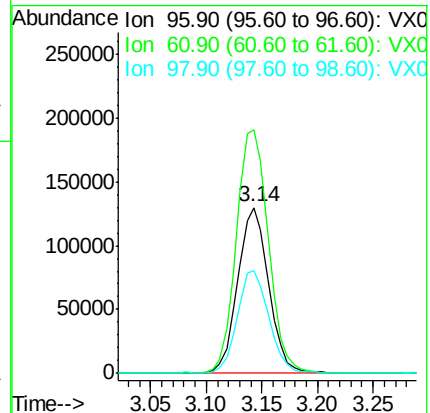
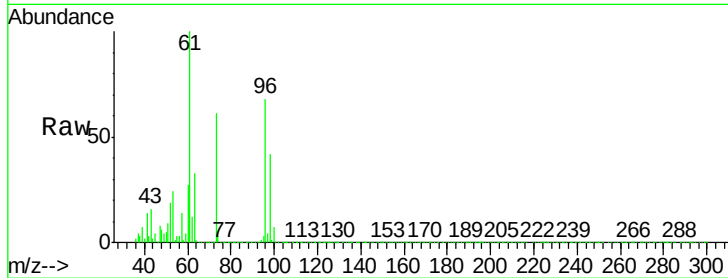
Tot Ion: 96 Resp: 248126

Ion Ratio Lower Upper

96 100

61 147.1 116.9 175.3

98 62.1 48.6 73.0



#22

Diisopropyl ether

Concen: 20.874 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.00 min

Lab File: VX015468.D

Acq: 01 Apr 2020 16:08

Tgt Ion: 45 Resp: 962674

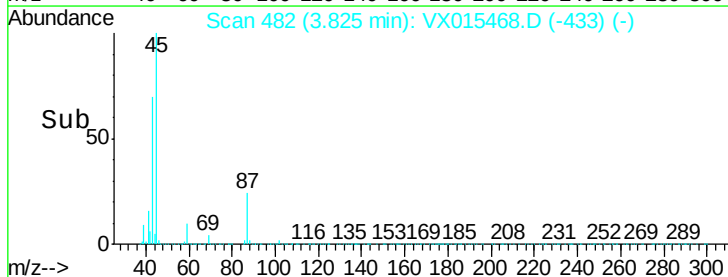
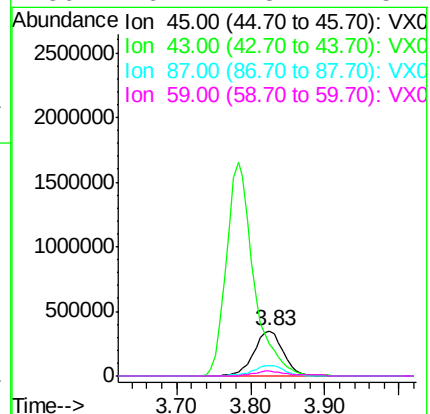
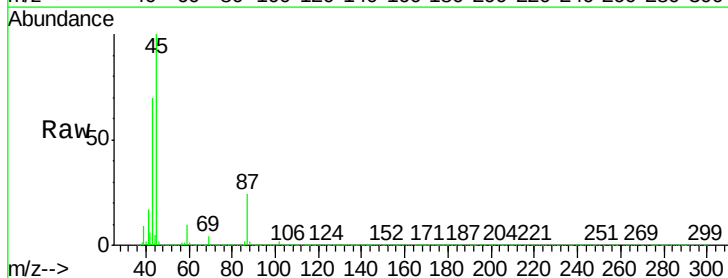
Ion Ratio Lower Upper

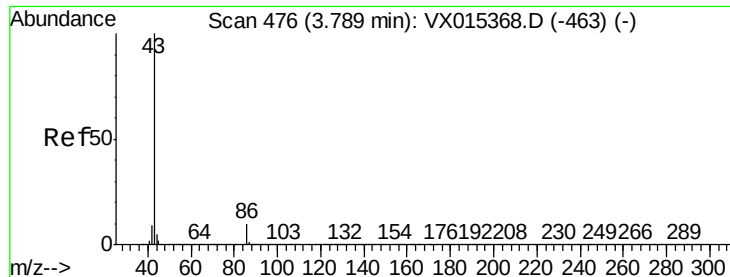
45 100

43 70.1 64.7 97.1

87 23.9 19.4 29.0

59 10.1 8.7 13.1





#23

Vinyl Acetate

Concen: 101.542 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015468.D

Acq: 01 Apr 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

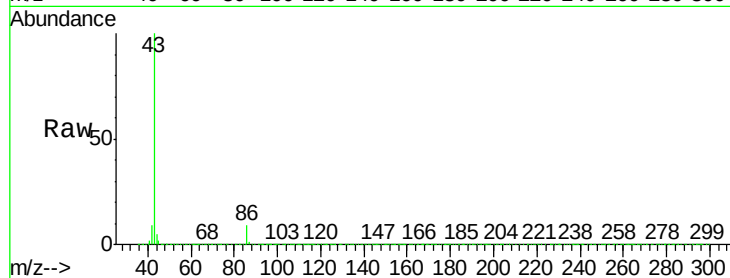
VX0401MBSD01

Tot Ion: 43 Resp: 4239934

Ion Ratio Lower Upper

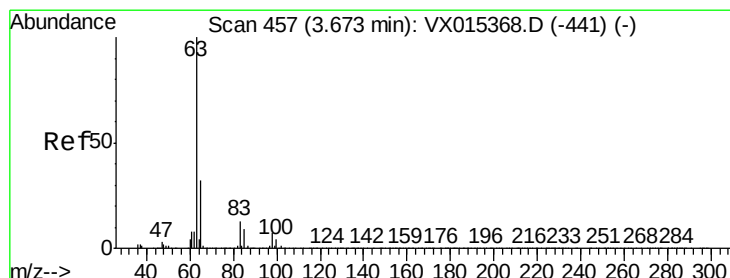
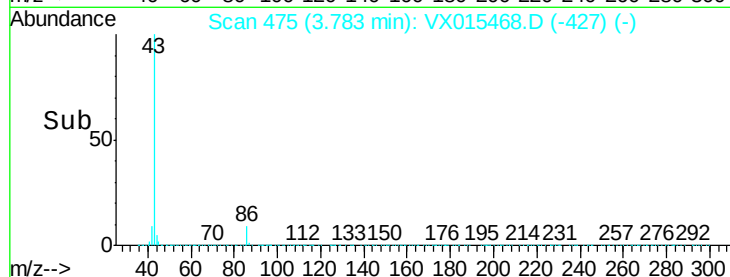
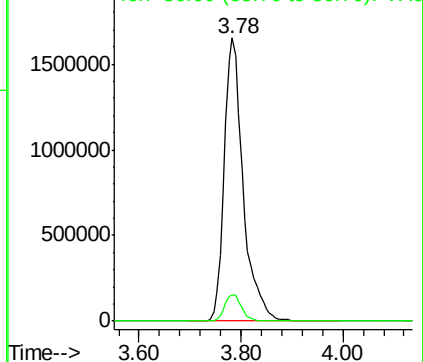
43 100

86 9.3 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.923 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015468.D

Acq: 01 Apr 2020 16:08

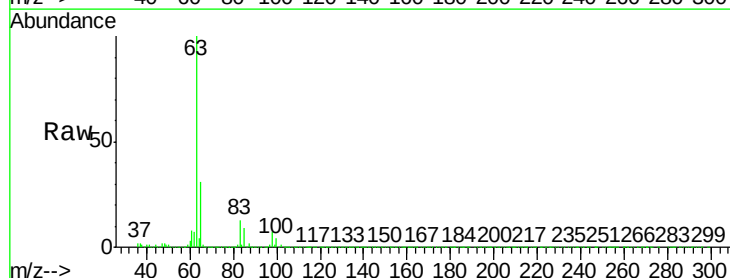
Tgt Ion: 63 Resp: 483769

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

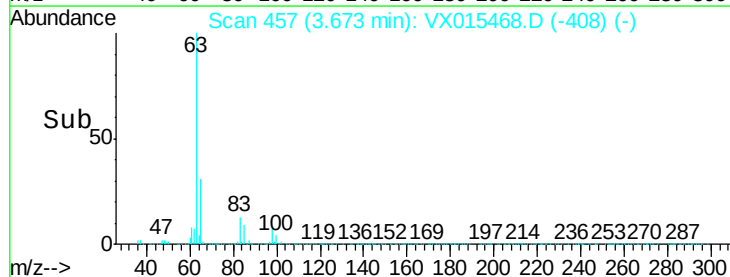
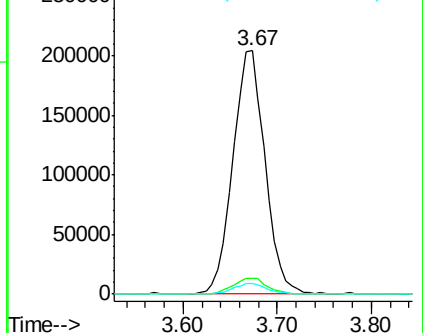
100 4.2 2.1 6.5

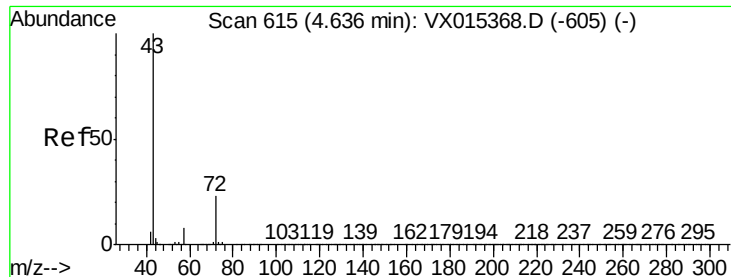


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 91.867 ug/l

RT: 4.63 min Scan# 614

Delta R.T. -0.01 min

Lab File: VX015468.D

Acq: 01 Apr 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

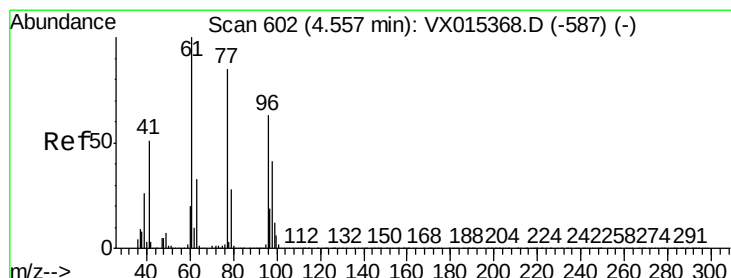
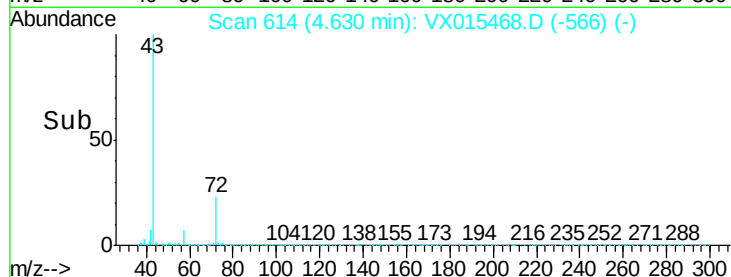
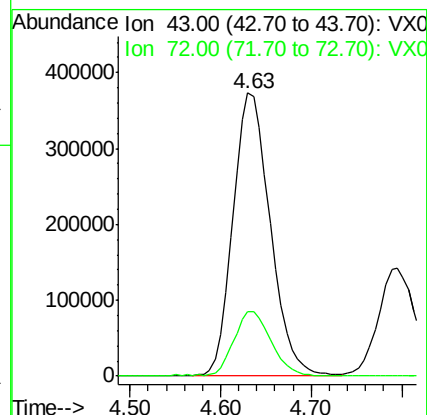
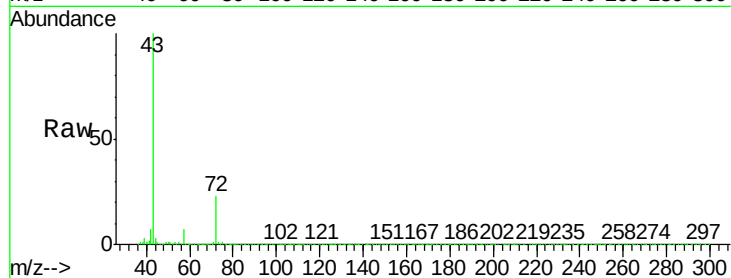
VX0401MBSD01

Tot Ion: 43 Resp: 1056180

Ion Ratio Lower Upper

43 100

72 22.6 19.0 28.4



#26

2,2-Dichloropropane

Concen: 22.240 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015468.D

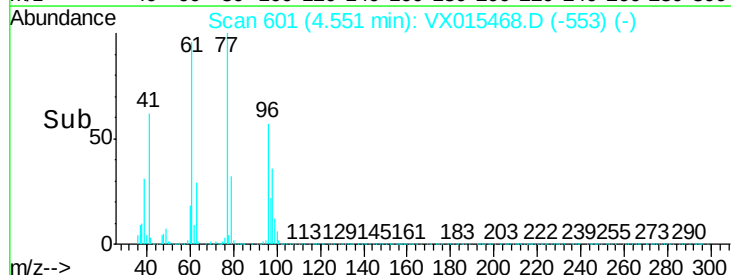
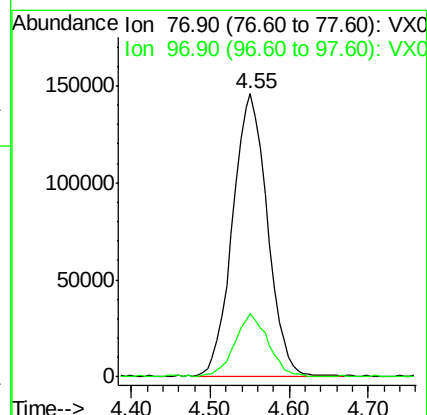
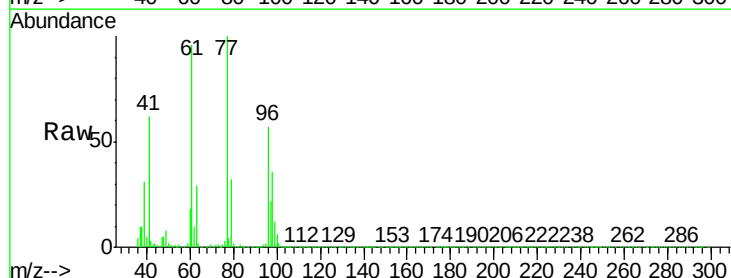
Acq: 01 Apr 2020 16:08

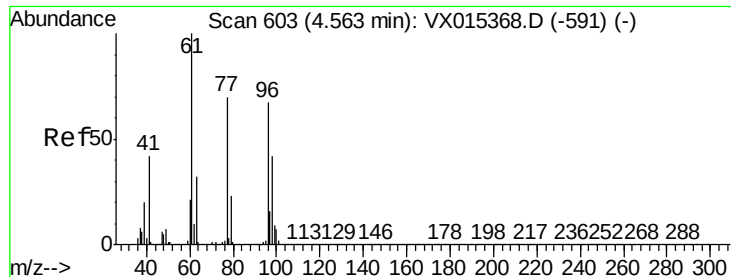
Tgt Ion: 77 Resp: 443259

Ion Ratio Lower Upper

77 100

97 21.9 11.3 33.8



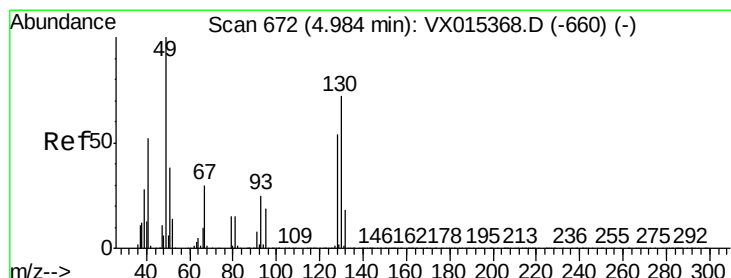
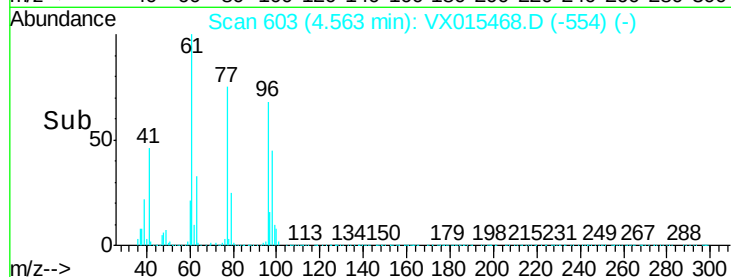
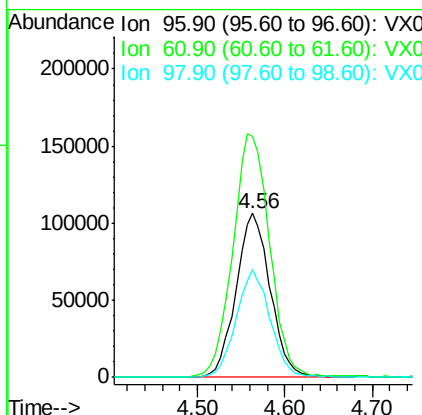
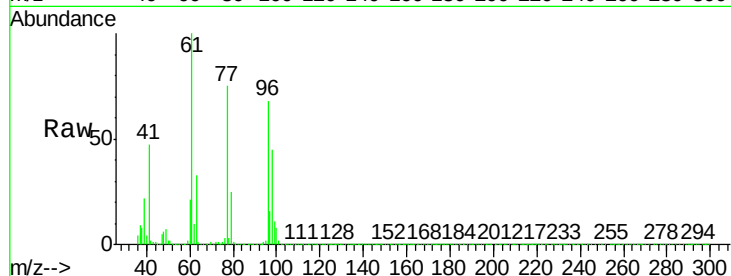


#27

cis-1,2-Dichloroethene
Concen: 19.995 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX015468.D
Acq: 01 Apr 2020 16:08

Instrument :
MSVOA_X
ClientSampleId :
VX0401MBSD01

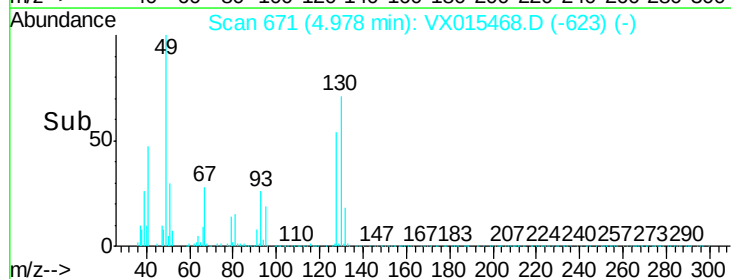
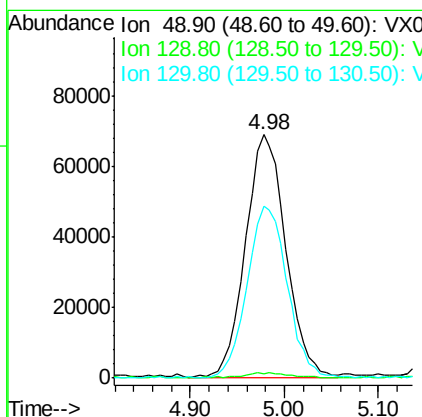
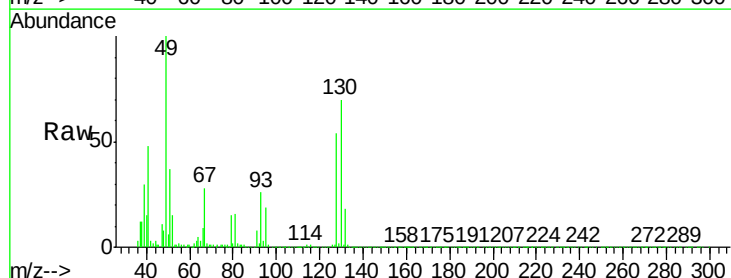
Tot Ion	96	Resp	285962
Ion Ratio	Lower	Upper	
96	100		
61	160.5	0.0	308.4
98	65.2	0.0	129.2

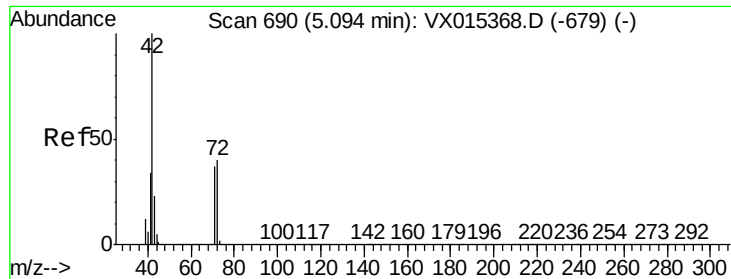


#28

Bromochloromethane
Concen: 17.888 ug/l
RT: 4.98 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015468.D
Acq: 01 Apr 2020 16:08

Tgt Ion	49	Resp	207379
Ion Ratio	Lower	Upper	
49	100		
129	2.1	0.0	4.4
130	69.1	57.7	86.5

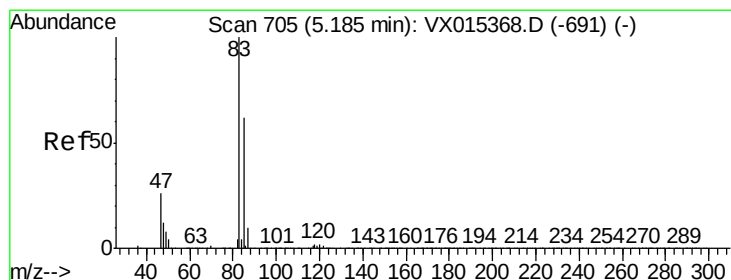
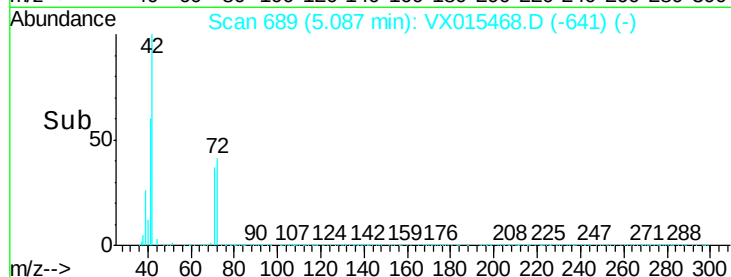
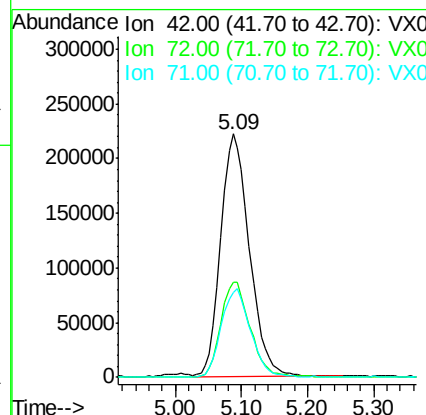
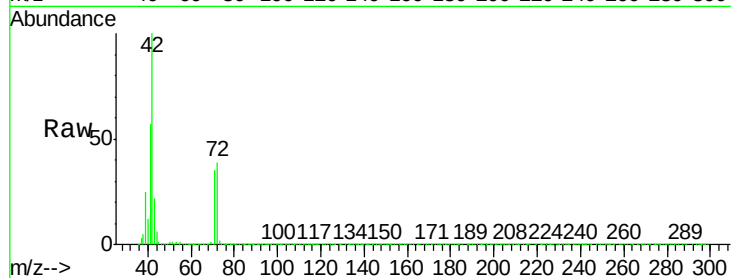




#29
Tetrahydrofuran
Concen: 89.864 ug/l
RT: 5.09 min Scan# 689
Delta R.T. -0.01 min
Lab File: VX015468.D
Acq: 01 Apr 2020 16:08

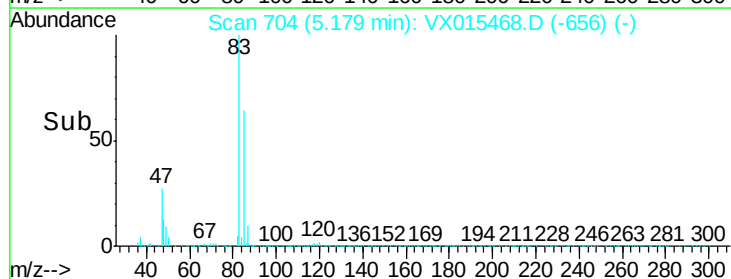
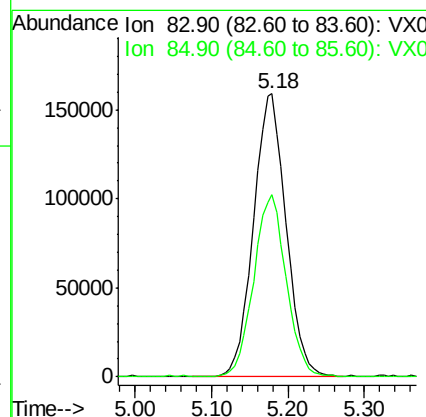
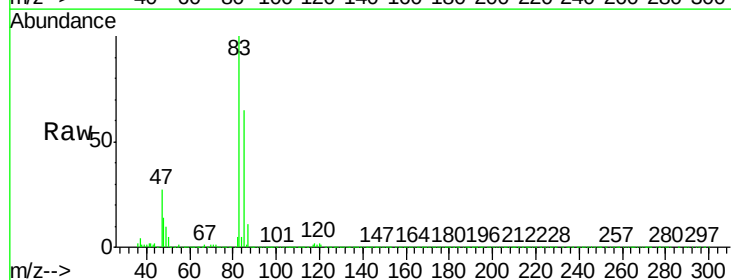
Instrument :
MSVOA_X
ClientSampleId :
VX0401MBSD01

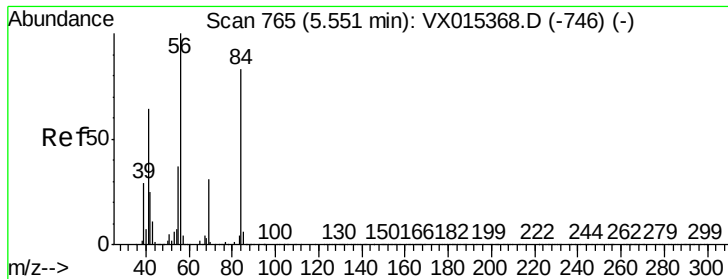
Tot Ion: 42 Resp: 664183
Ion Ratio Lower Upper
42 100
72 40.1 31.7 47.5
71 36.8 29.6 44.4



#30
Chloroform
Concen: 20.118 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015468.D
Acq: 01 Apr 2020 16:08

Tgt Ion: 83 Resp: 469974
Ion Ratio Lower Upper
83 100
85 64.5 49.5 74.3

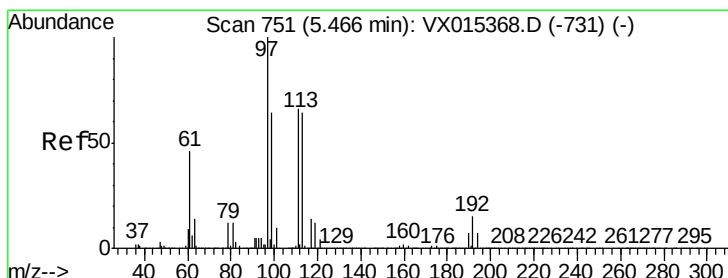
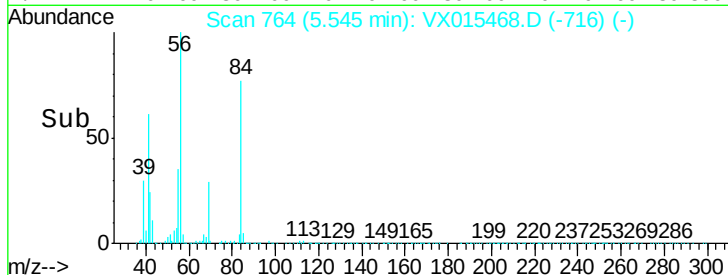
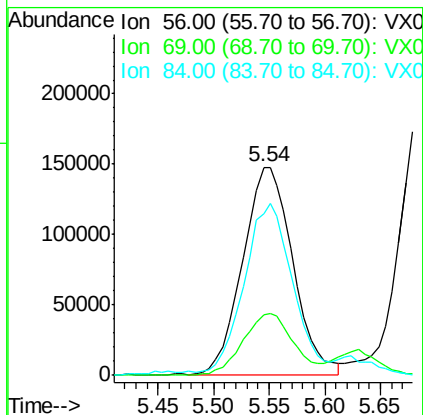
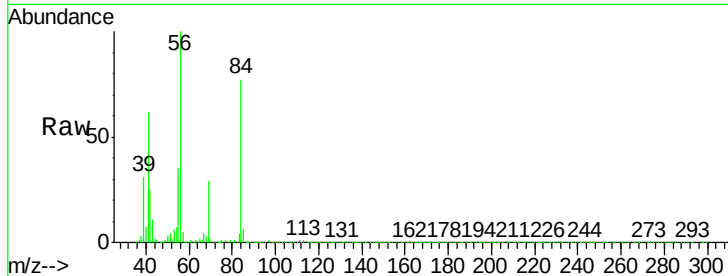




#31
Cyclohexane
Concen: 21.819 ug/l
RT: 5.54 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX015468.D
Acq: 01 Apr 2020 16:08

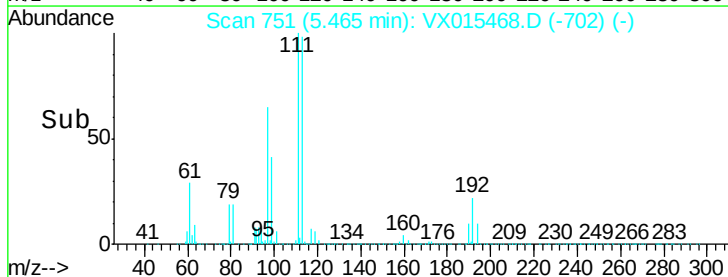
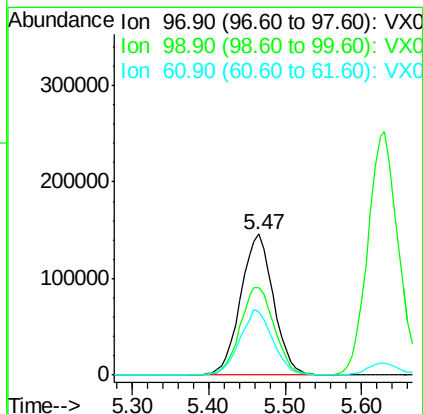
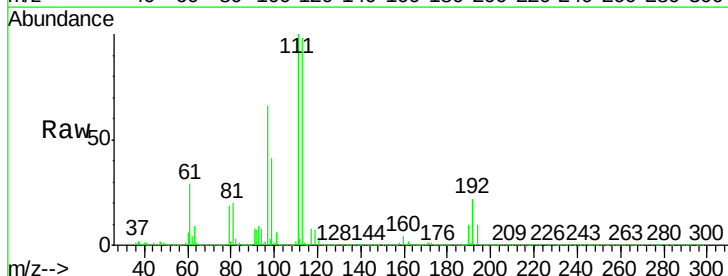
Instrument :
MSVOA_X
ClientSampleId :
VX0401MBSD01

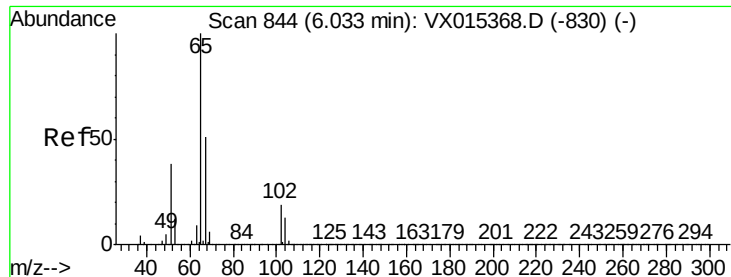
Tot Ion: 56 Resp: 459613
Ion Ratio Lower Upper
56 100
69 29.5 24.6 36.8
84 75.6 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 20.572 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX015468.D
Acq: 01 Apr 2020 16:08

Tgt Ion: 97 Resp: 434925
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.4
61 45.5 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 50.466 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015468.D

Acq: 01 Apr 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

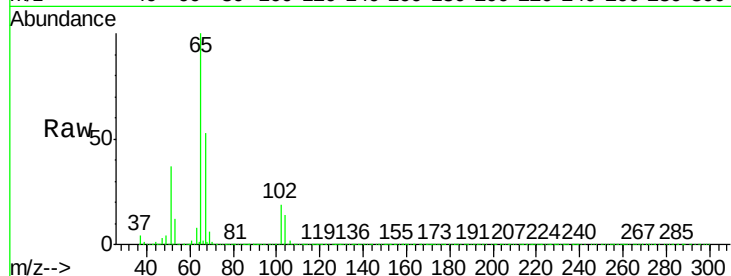
VX0401MBSD01

Tot Ion: 65 Resp: 839732

Ion Ratio Lower Upper

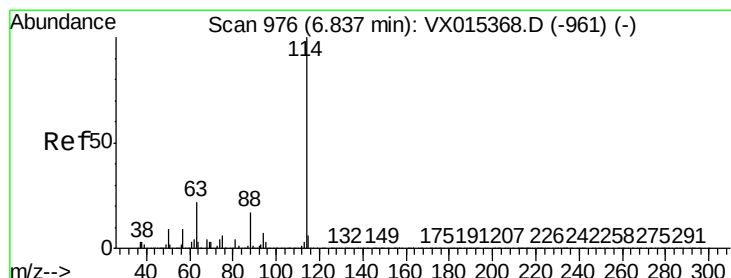
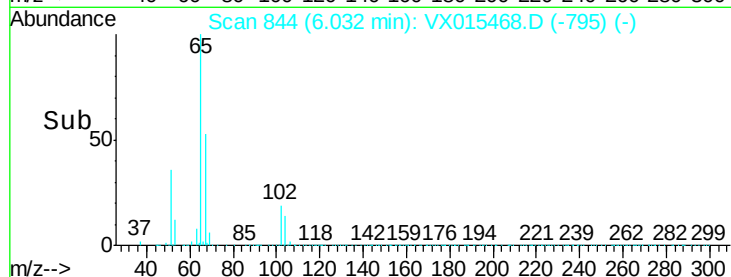
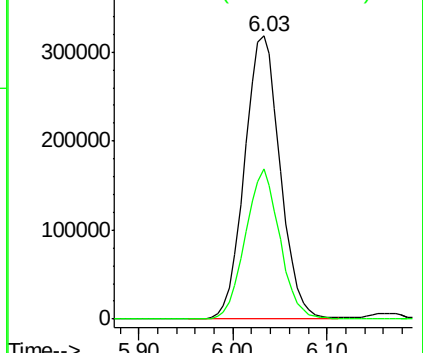
65 100

67 51.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015468.D

Acq: 01 Apr 2020 16:08

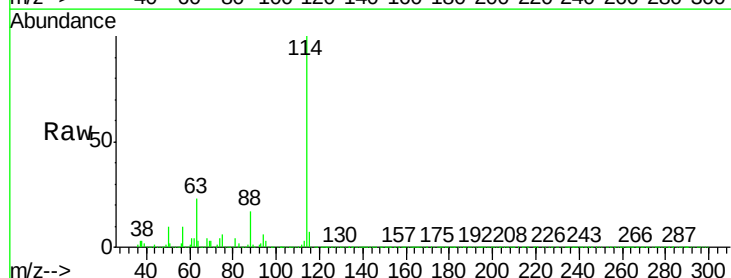
Tgt Ion: 114 Resp: 1855198

Ion Ratio Lower Upper

114 100

63 22.7 0.0 44.2

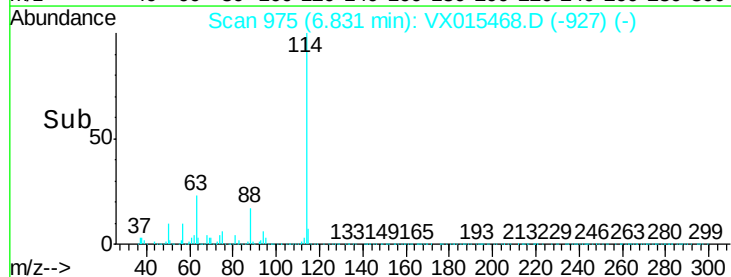
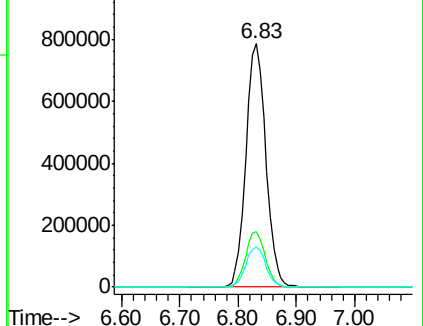
88 16.6 0.0 33.8

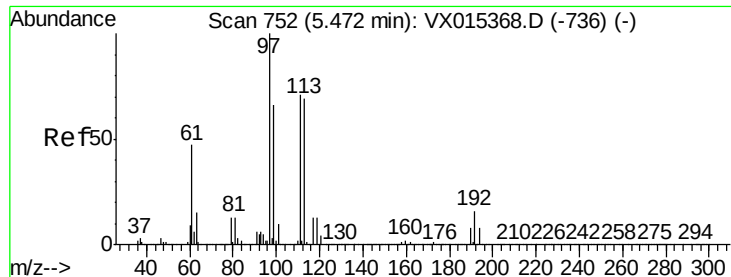


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.661 ug/l

RT: 5.47 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX015468.D

Acq: 01 Apr 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

VX0401MBSD01

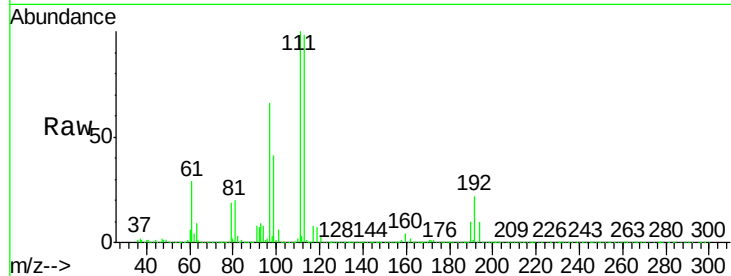
Tot Ion:113 Resp: 612647

Ion Ratio Lower Upper

113 100

111 102.2 81.5 122.3

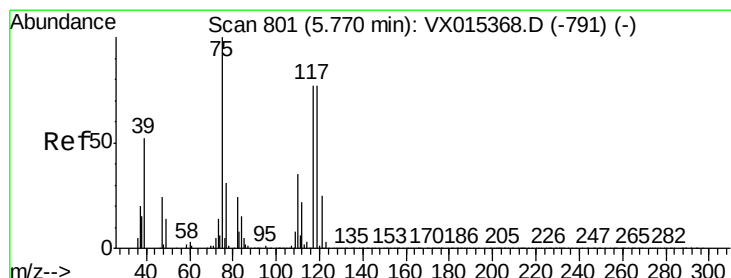
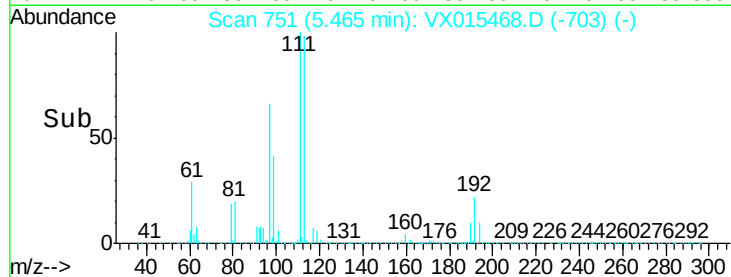
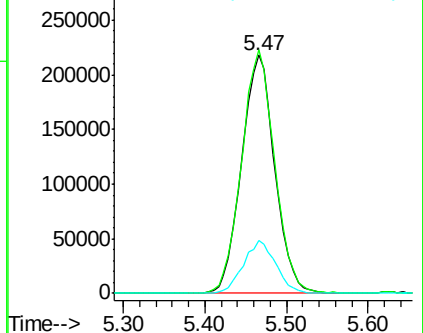
192 21.7 17.8 26.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.392 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.00 min

Lab File: VX015468.D

Acq: 01 Apr 2020 16:08

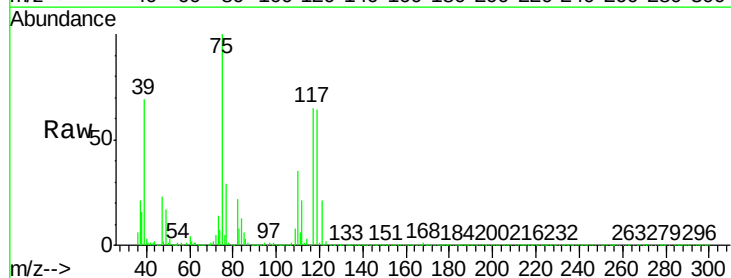
Tgt Ion: 75 Resp: 365672

Ion Ratio Lower Upper

75 100

110 33.8 17.1 51.3

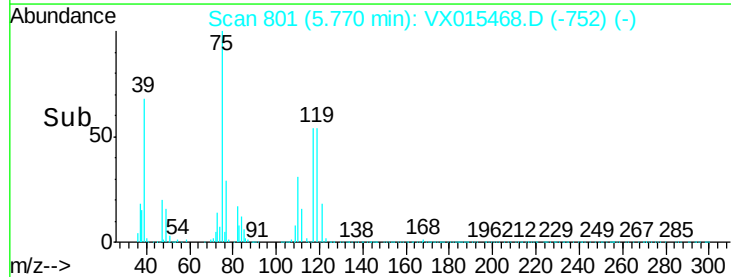
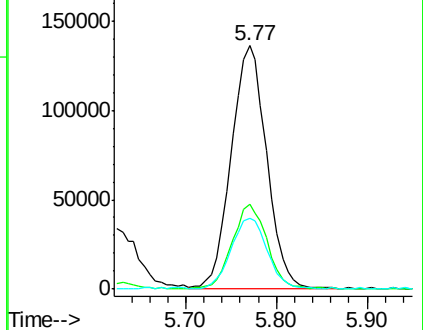
77 29.8 24.6 36.8

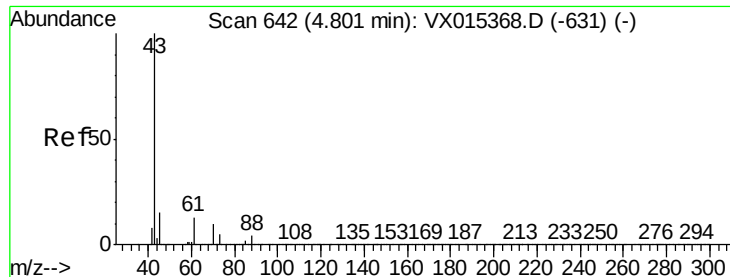


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

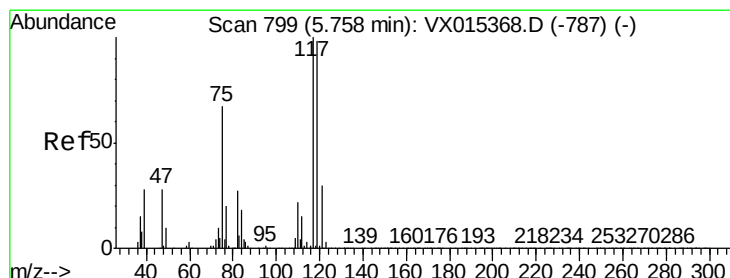
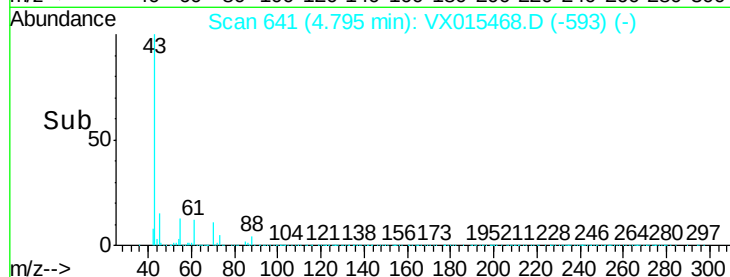
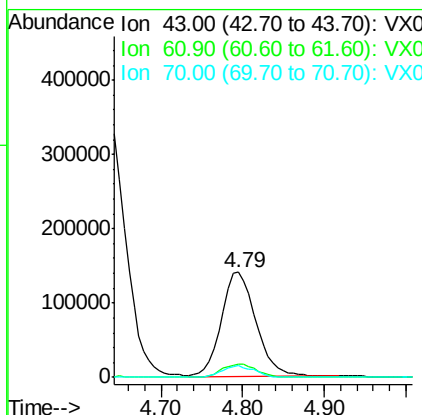
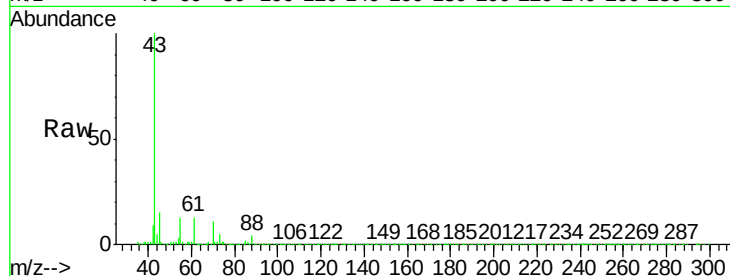




#37
Ethyl Acetate
Concen: 18.463 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015468.D
Acq: 01 Apr 2020 16:08

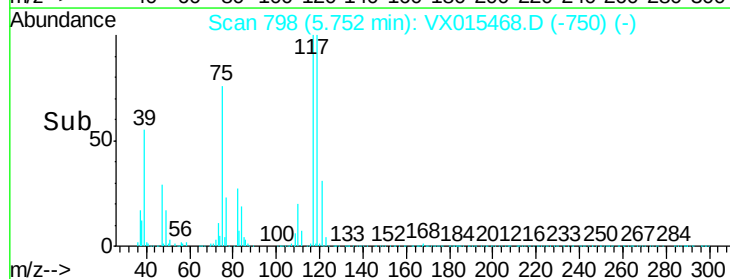
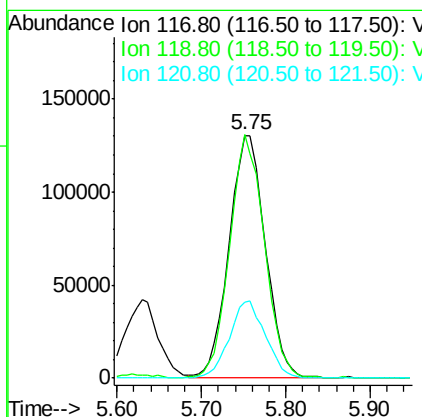
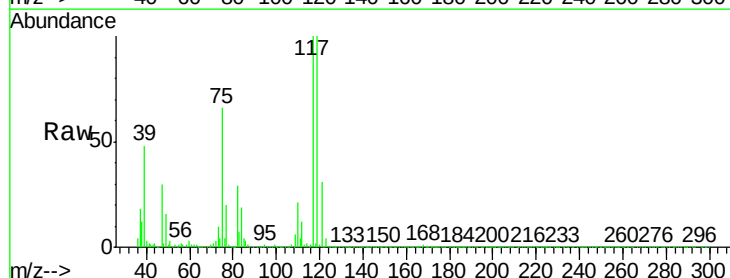
Instrument :
MSVOA_X
ClientSampleId :
VX0401MBSD01

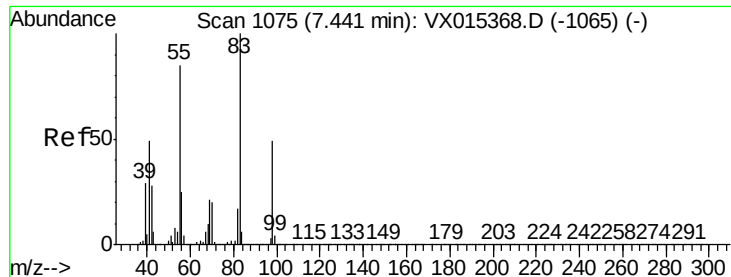
Tot Ion:	43	Resp:	410930
Ion	Ratio	Lower	Upper
43	100		
61	13.0	9.9	14.9
70	10.2	8.1	12.1



#38
Carbon Tetrachloride
Concen: 20.506 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015468.D
Acq: 01 Apr 2020 16:08

Tgt Ion:	117	Resp:	379645
Ion	Ratio	Lower	Upper
117	100		
119	100.6	78.0	117.0
121	31.3	23.8	35.8

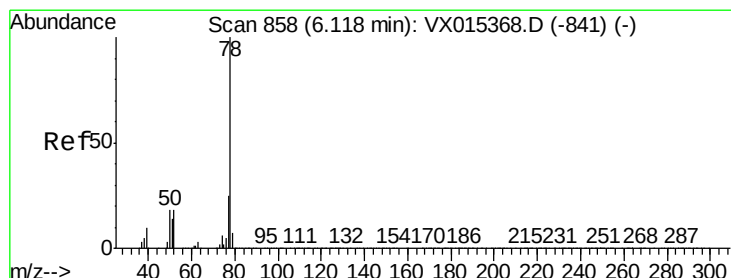
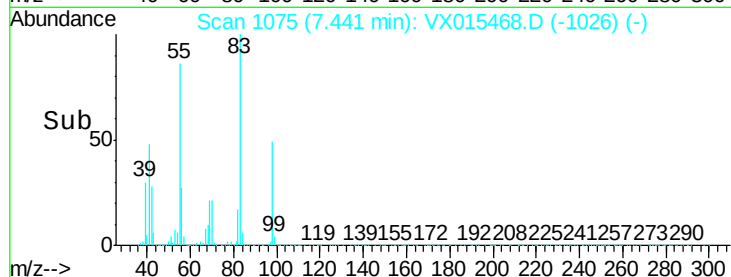
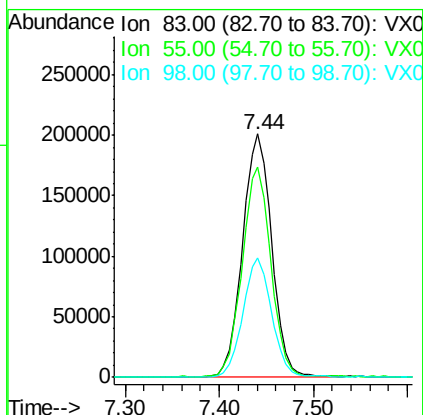
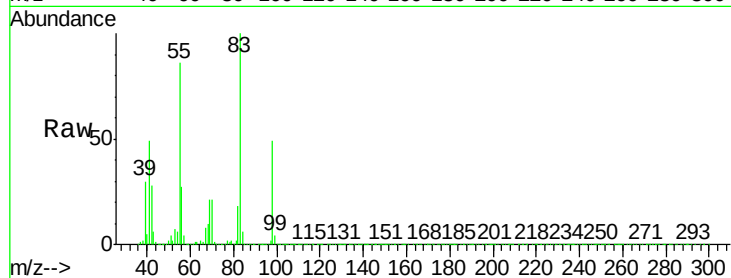




#39
Methylvlcyclohexane
Concen: 22.048 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015468.D
Acq: 01 Apr 2020 16:08

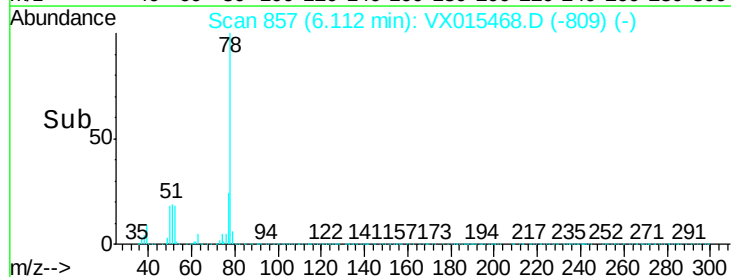
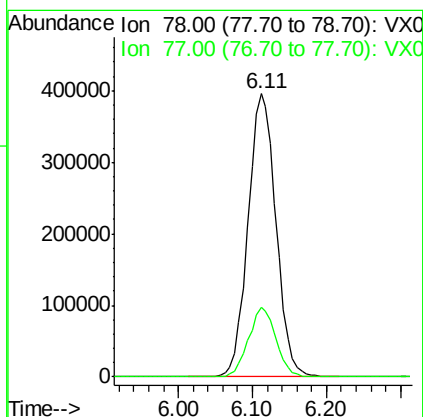
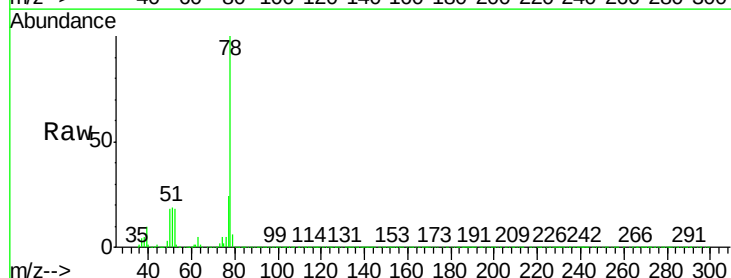
Instrument :
MSVOA_X
ClientSampleId :
VX0401MBSD01

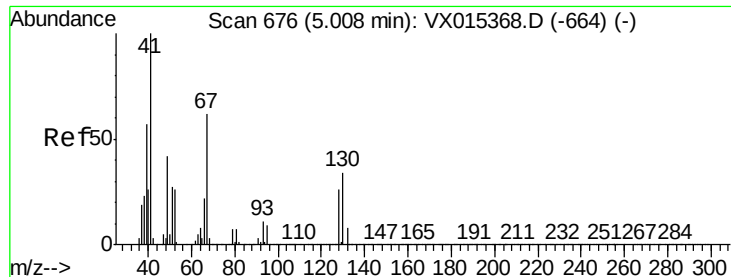
Tot Ion: 83 Resp: 434552
Ion Ratio Lower Upper
83 100
55 86.2 67.8 101.6
98 48.9 39.3 58.9



#40
Benzene
Concen: 20.713 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015468.D
Acq: 01 Apr 2020 16:08

Tgt Ion: 78 Resp: 1037159
Ion Ratio Lower Upper
78 100
77 24.4 19.8 29.8

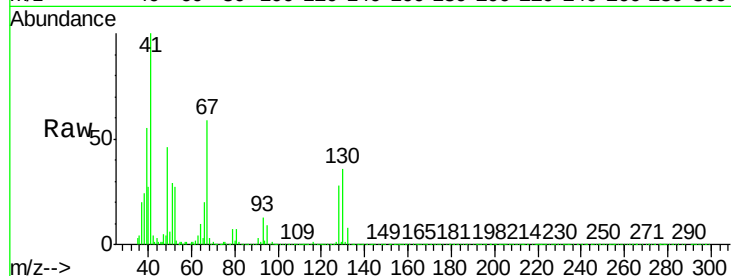




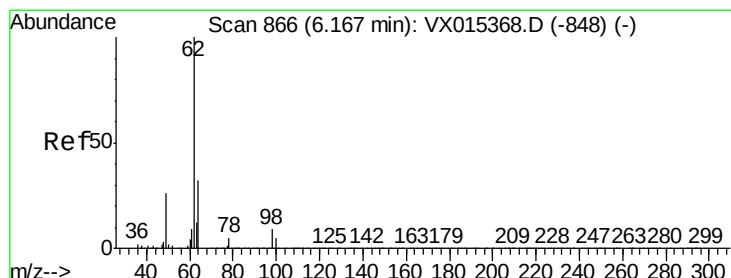
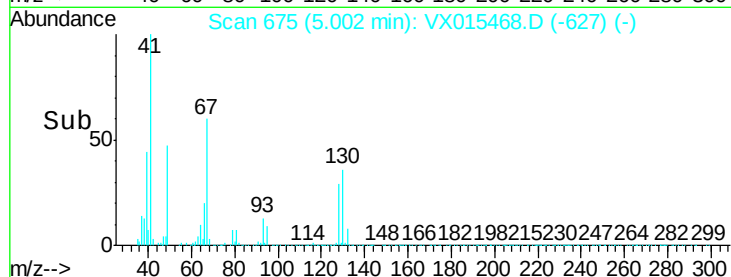
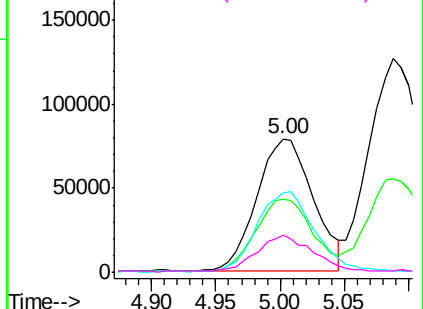
#41
Methacrylonitrile
Concen: 19.179 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015468.D
Acq: 01 Apr 2020 16:08

Instrument :
MSVOA_X
ClientSampleId :
VX0401MBSD01

Tot Ion:	41	Resp:	236957
Ion	Ratio	Lower	Upper
41	100		
39	54.8	44.5	66.7
67	61.7	48.9	73.3
52	27.2	21.8	32.6

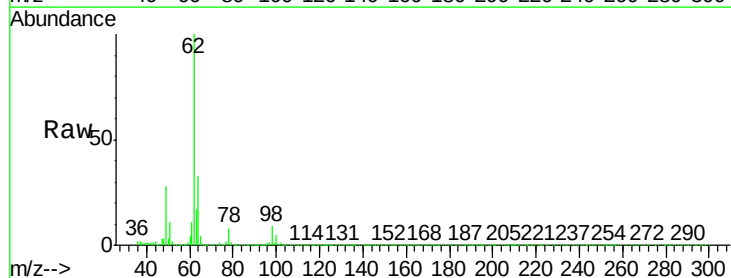


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

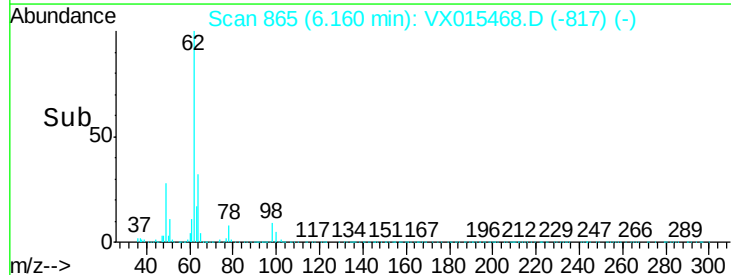
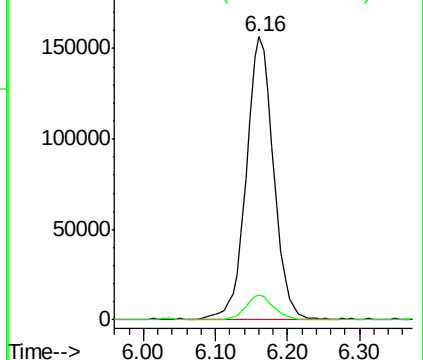


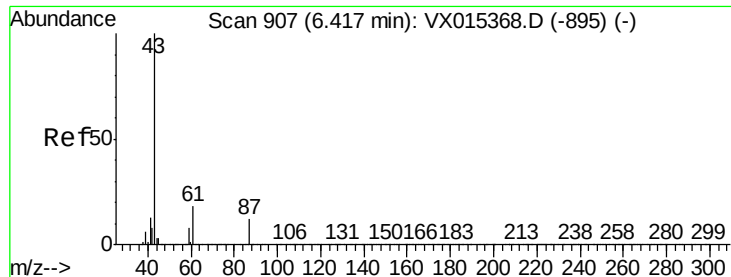
#42
1,2-Dichloroethane
Concen: 20.393 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015468.D
Acq: 01 Apr 2020 16:08

Tgt Ion:	62	Resp:	410158
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.6



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



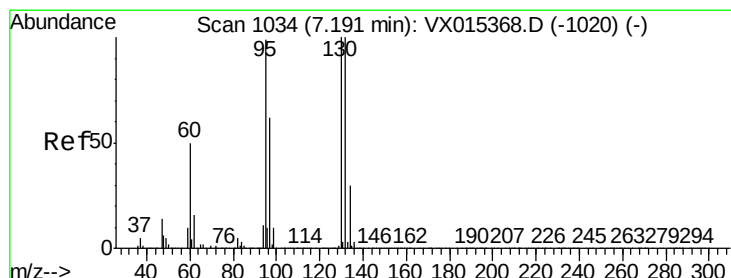
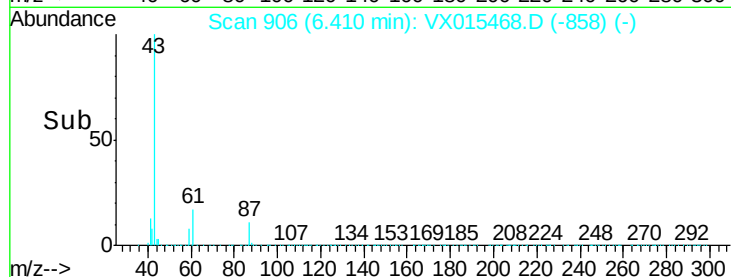
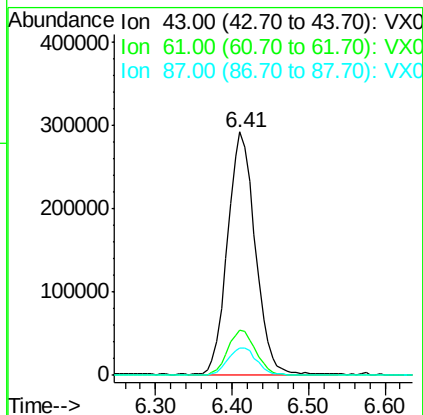
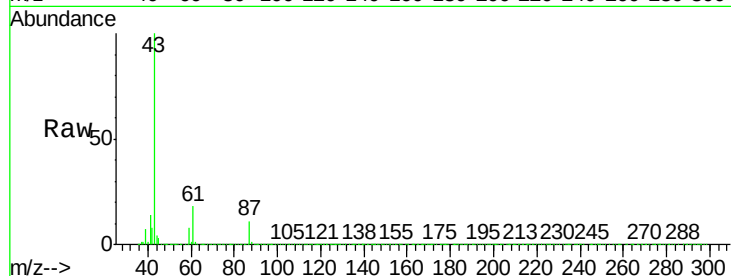


#43

Isopropyl Acetate
 Concen: 19.290 ug/l
 RT: 6.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: VX015468.D
 Acq: 01 Apr 2020 16:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401MBSD01

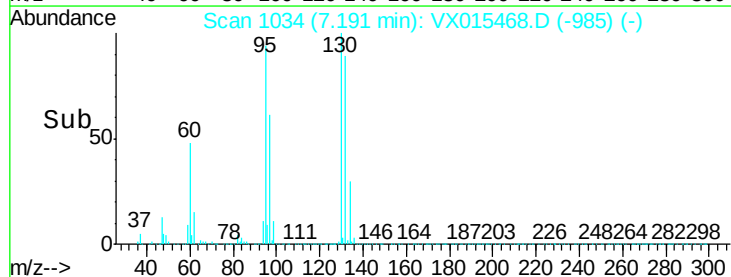
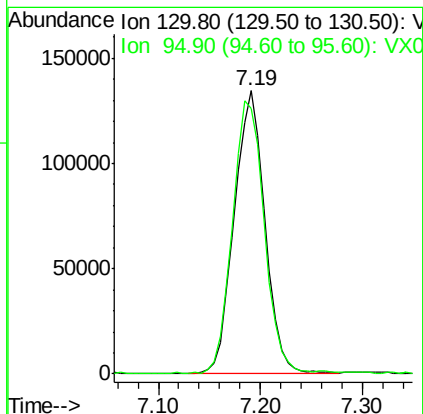
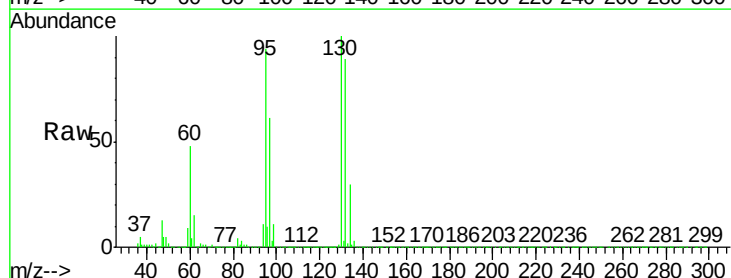
Tot Ion	Ratio	Lower	Upper
43	100		
61	18.9	14.8	22.2
87	11.8	9.4	14.0

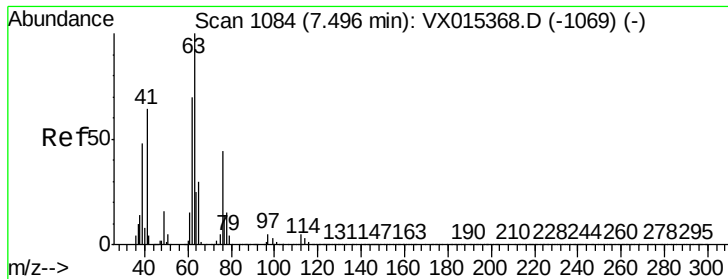


#44

Trichloroethene
 Concen: 20.449 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VX015468.D
 Acq: 01 Apr 2020 16:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	199.0

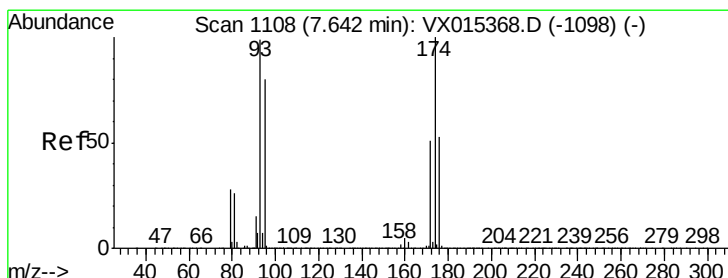
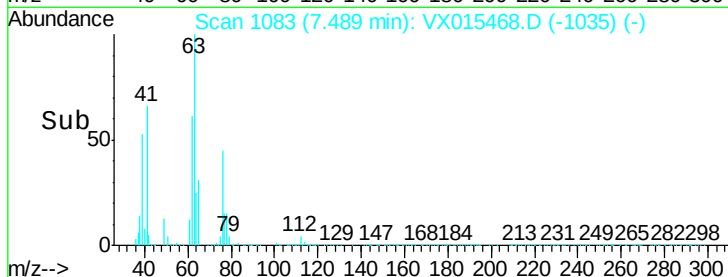
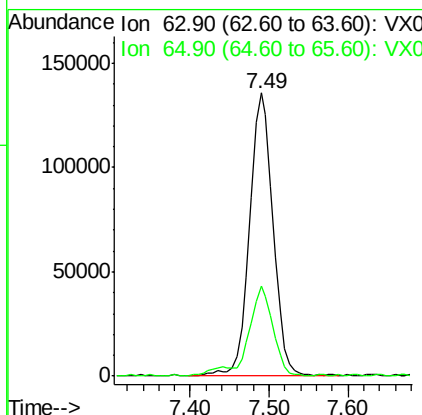
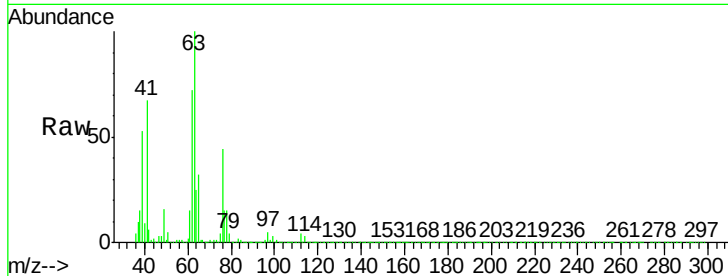




#45
 1,2-Dichloropropane
 Concen: 20.347 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015468.D
 Acq: 01 Apr 2020 16:08

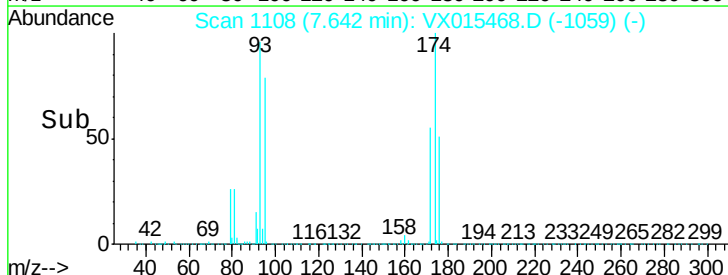
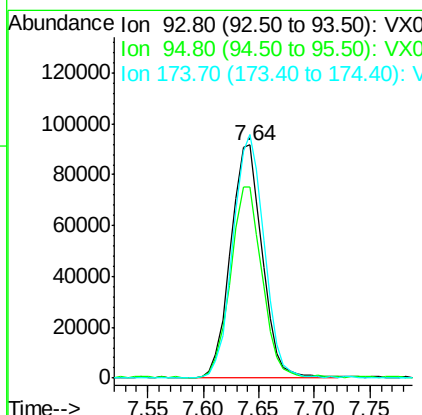
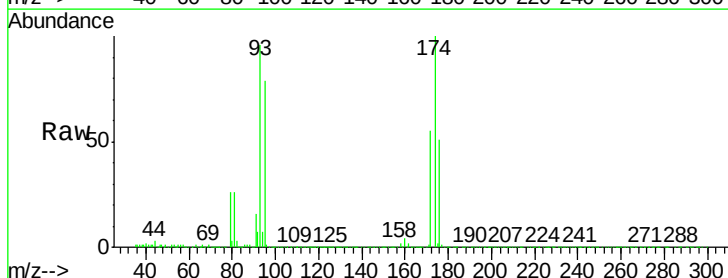
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401MBSD01

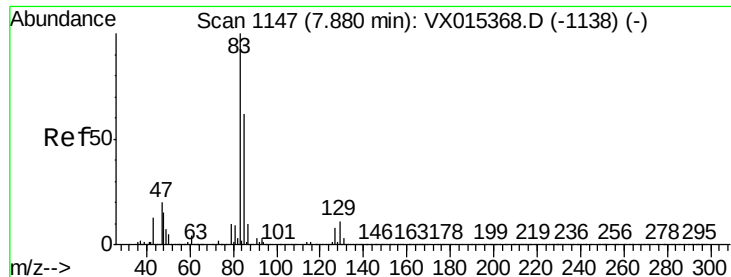
Tot Ion: 63 Resp: 278707
 Ion Ratio Lower Upper
 63 100
 65 31.6 23.9 35.9



#46
 Dibromomethane
 Concen: 20.056 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: VX015468.D
 Acq: 01 Apr 2020 16:08

Tgt Ion: 93 Resp: 180208
 Ion Ratio Lower Upper
 93 100
 95 81.0 65.8 98.8
 174 102.1 86.2 129.2





#47

Bromodichloromethane

Concen: 20.330 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015468.D

Acq: 01 Apr 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

VX0401MBSD01

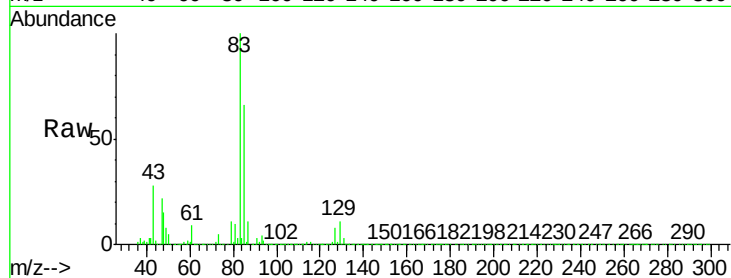
Tot Ion: 83 Resp: 389237

Ion Ratio Lower Upper

83 100

85 66.3 49.7 74.5

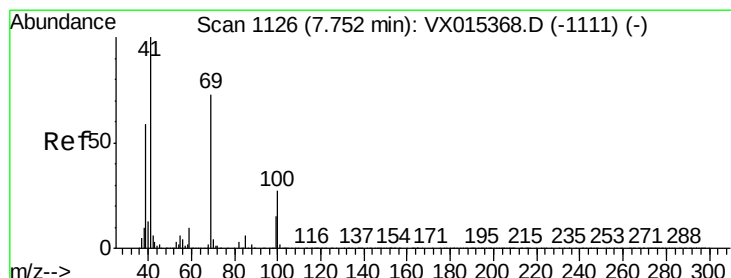
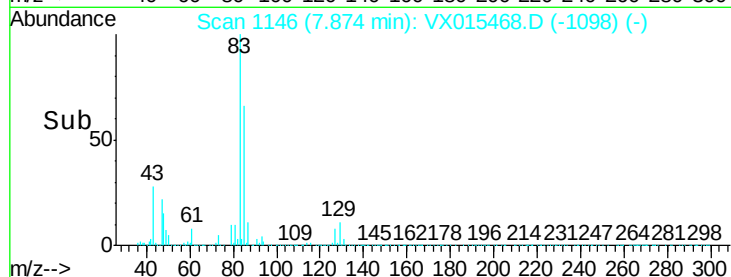
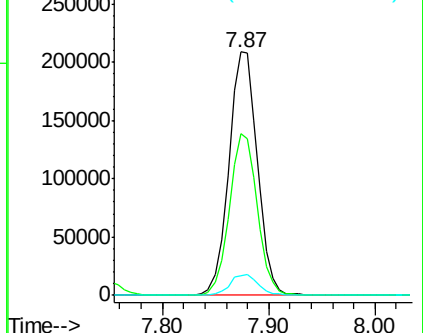
127 8.2 6.7 10.1



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: 19.248 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VX015468.D

Acq: 01 Apr 2020 16:08

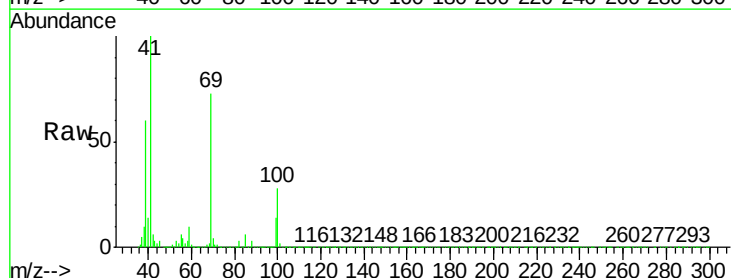
Tgt Ion: 41 Resp: 361231

Ion Ratio Lower Upper

41 100

69 72.8 56.7 85.1

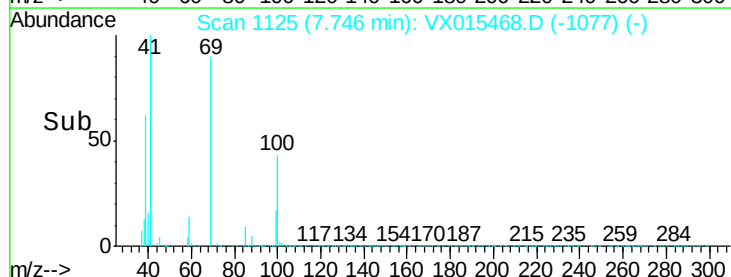
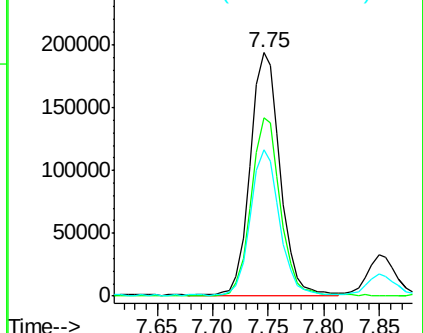
39 58.4 46.5 69.7

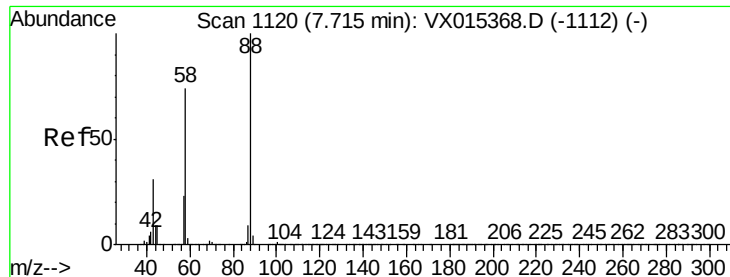


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 322.585 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VX015468.D

Acq: 01 Apr 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

VX0401MBSD01

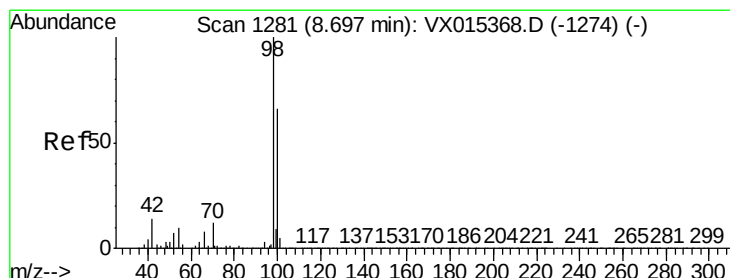
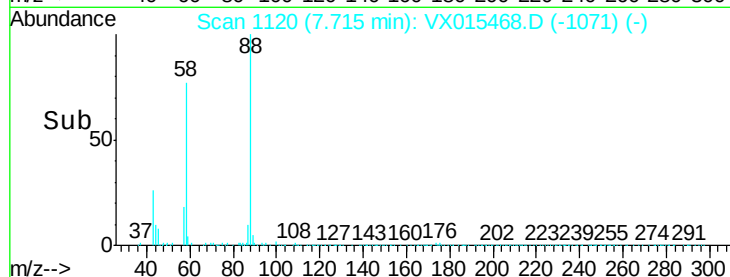
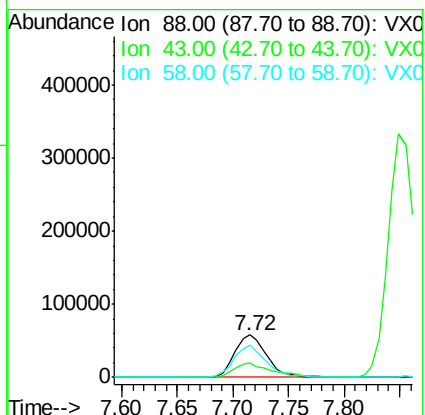
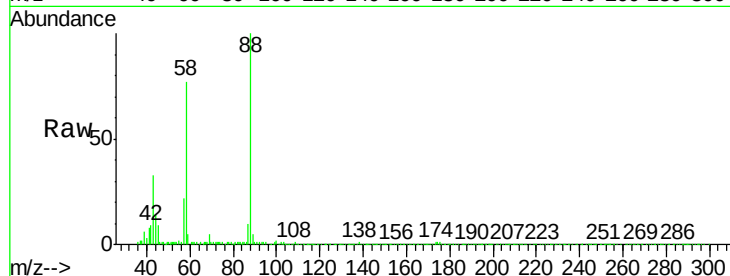
Tot Ion: 88 Resp: 112936

Ion Ratio Lower Upper

88 100

43 38.3 30.1 45.1

58 76.1 60.6 90.8



#50

Toluene-d8

Concen: 53.185 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015468.D

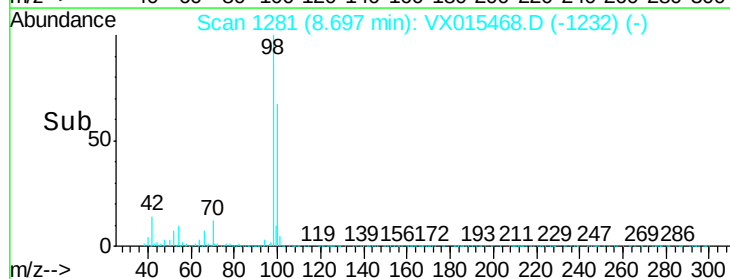
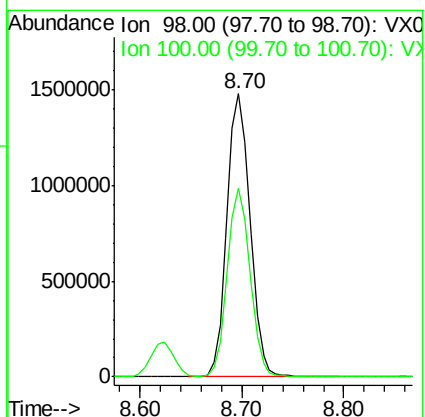
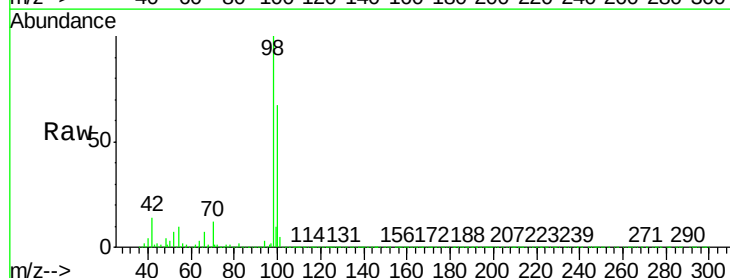
Acq: 01 Apr 2020 16:08

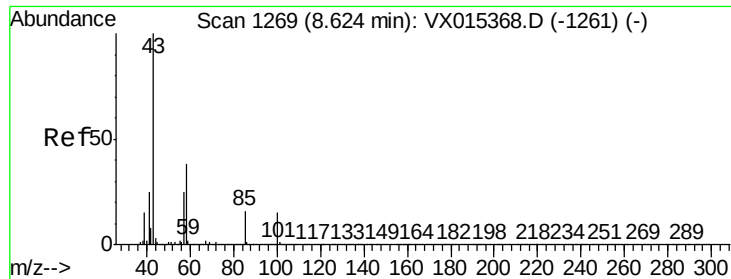
Tgt Ion: 98 Resp: 2322129

Ion Ratio Lower Upper

98 100

100 65.6 53.5 80.3





#51

4-Methyl-2-Pentanone

Concen: 97.162 ug/l

RT: 8.62 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX015468.D

Acq: 01 Apr 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

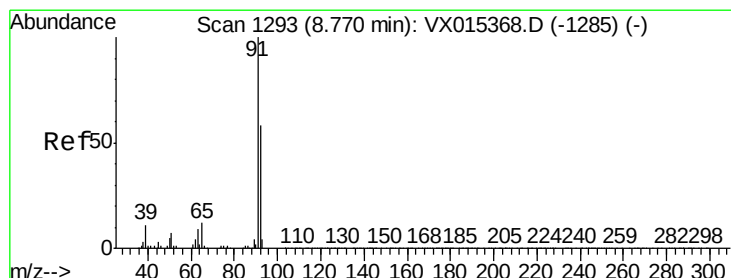
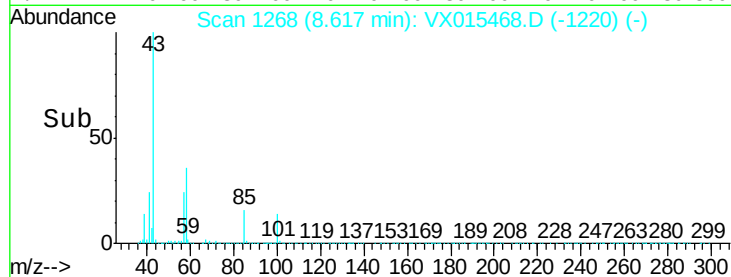
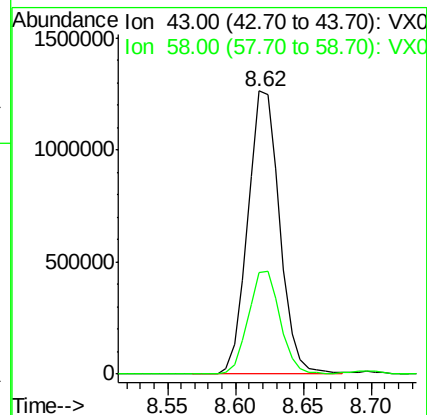
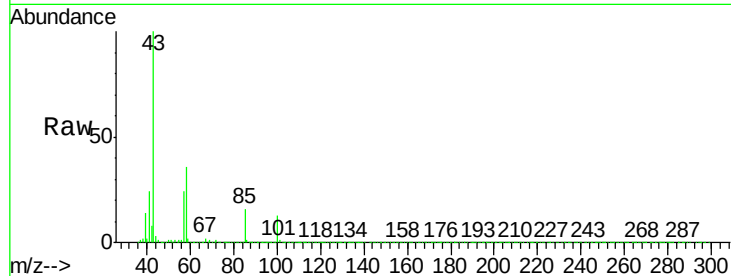
VX0401MBS01

Tot Ion: 43 Resp: 2068869

Ion Ratio Lower Upper

43 100

58 36.3 29.7 44.5



#52

Toluene

Concen: 21.018 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015468.D

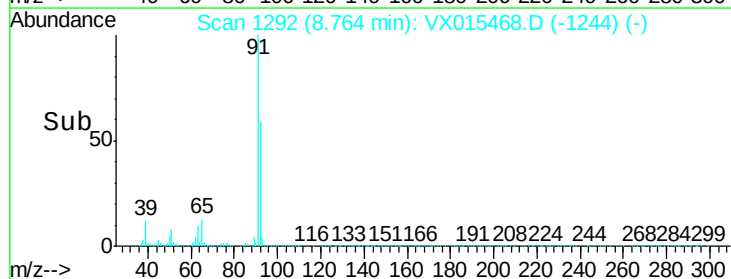
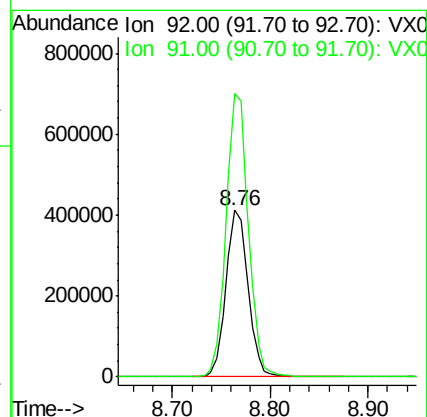
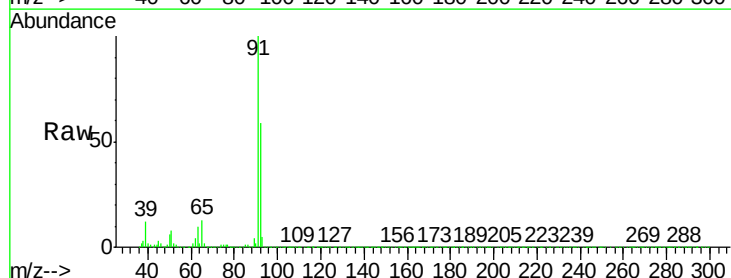
Acq: 01 Apr 2020 16:08

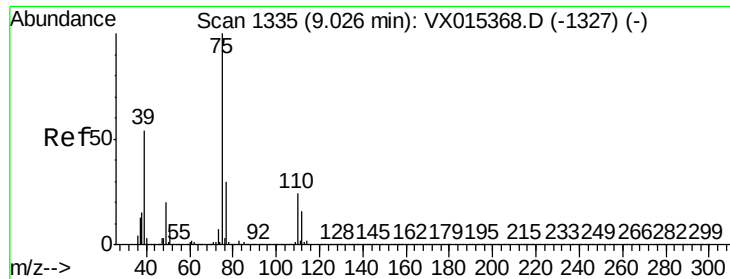
Tgt Ion: 92 Resp: 648846

Ion Ratio Lower Upper

92 100

91 170.3 136.6 205.0

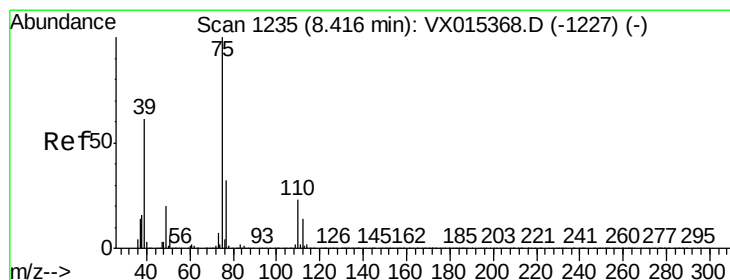
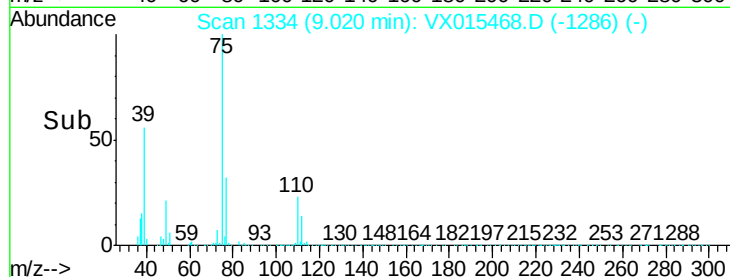
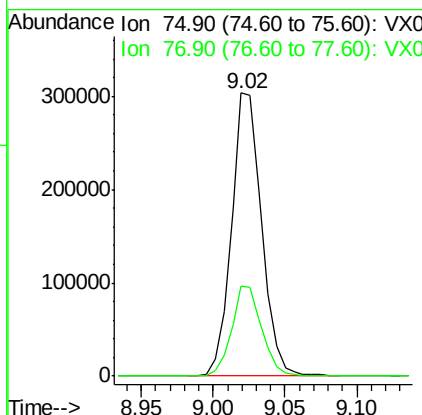
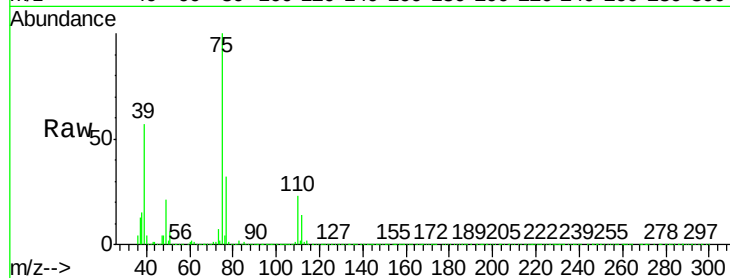




#53
 t-1,3-Dichloropropene
 Concen: 19.741 ug/l
 RT: 9.02 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: VX015468.D
 Acq: 01 Apr 2020 16:08

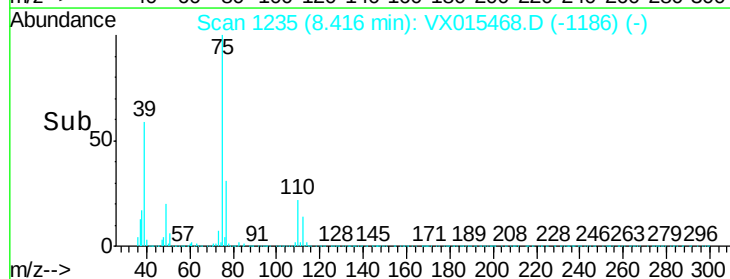
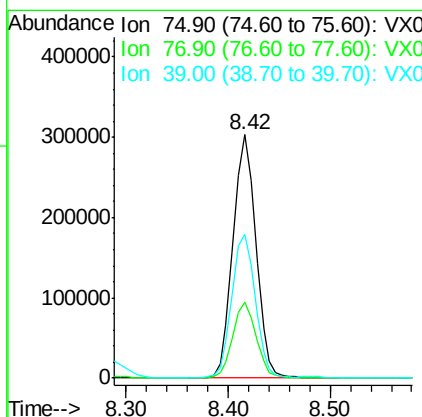
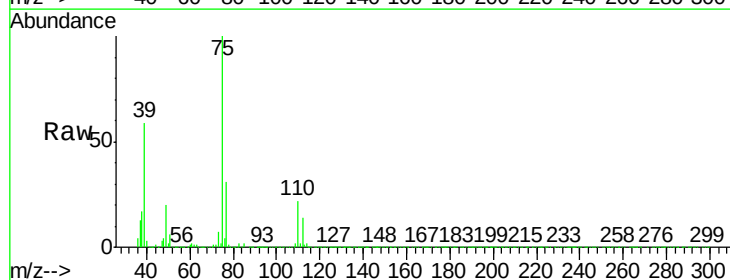
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401MBSD01

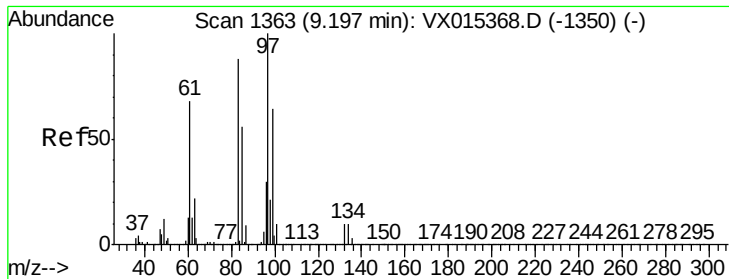
Tot Ion: 75 Resp: 443274
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 20.608 ug/l
 RT: 8.42 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VX015468.D
 Acq: 01 Apr 2020 16:08

Tgt Ion: 75 Resp: 471387
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.8 38.6
 39 59.0 49.0 73.4





#55

1,1,2-Trichloroethane

Concen: 20.898 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VX015468.D

Acq: 01 Apr 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

VX0401MBSD01

Tot Ion: 97 Resp: 264311

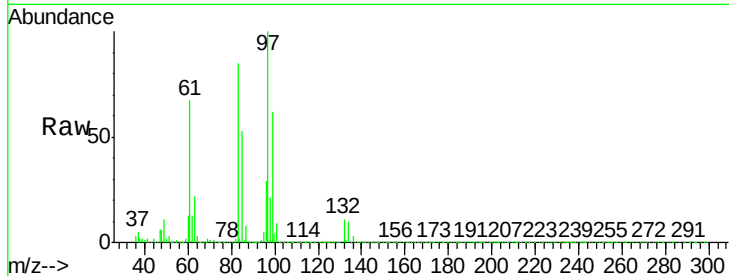
Ion Ratio Lower Upper

97 100

83 85.4 70.2 105.4

85 52.6 44.7 67.1

99 61.5 51.1 76.7

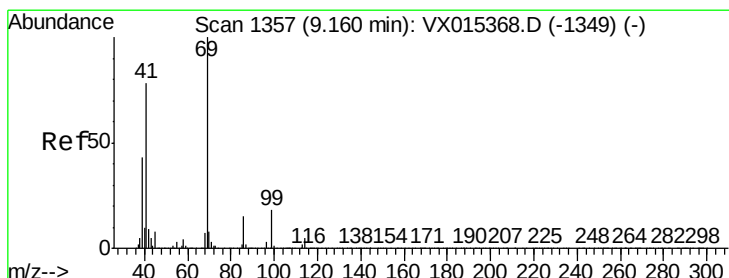
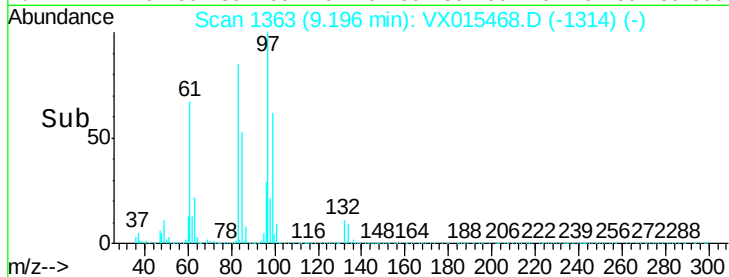
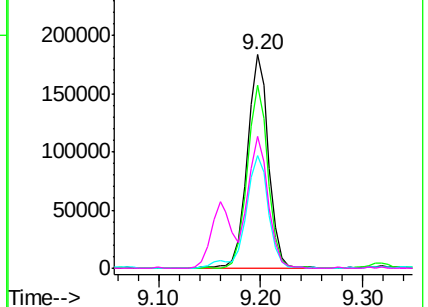


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.816 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VX015468.D

Acq: 01 Apr 2020 16:08

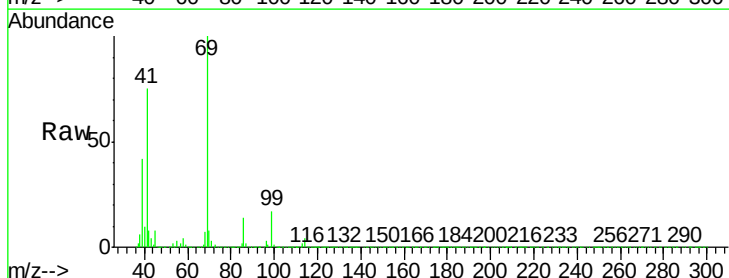
Tgt Ion: 69 Resp: 441699

Ion Ratio Lower Upper

69 100

41 76.8 61.6 92.4

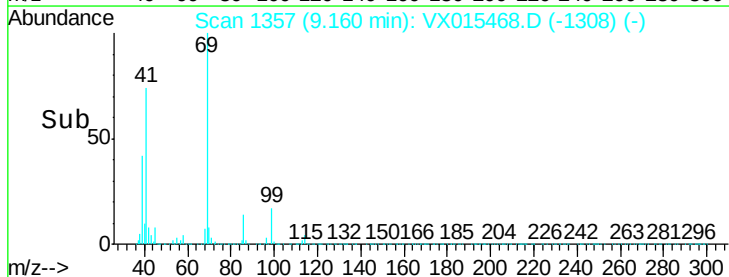
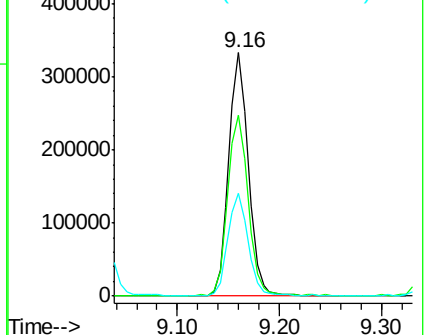
39 43.0 34.0 51.0

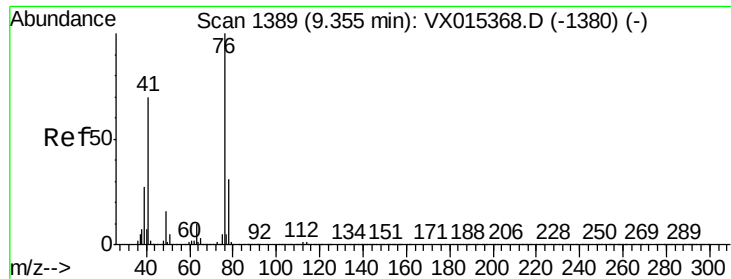


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

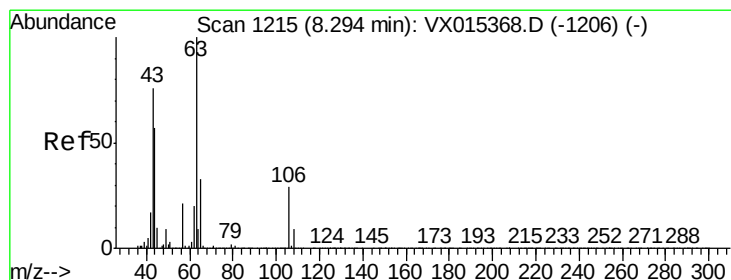
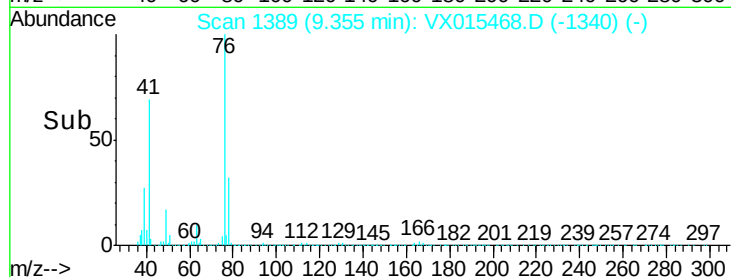
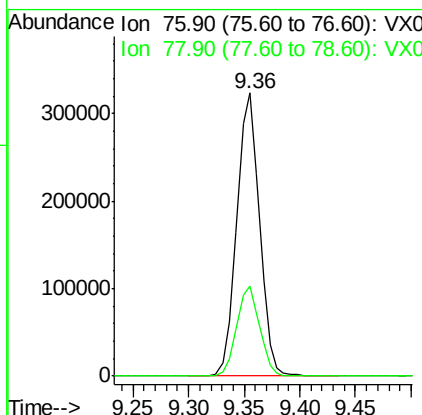
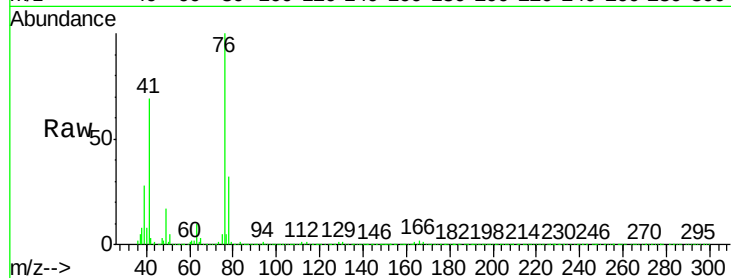




#57
 1,3-Dichloropropane
 Concen: 20.027 ug/l
 RT: 9.36 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VX015468.D
 Acq: 01 Apr 2020 16:08

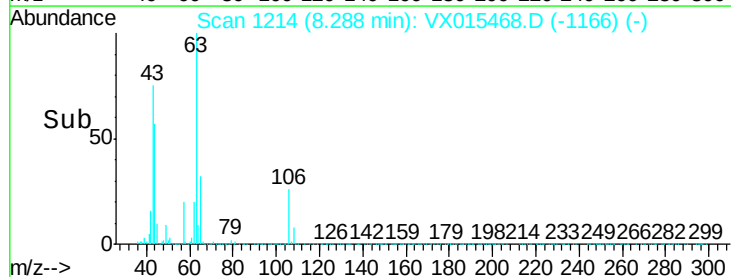
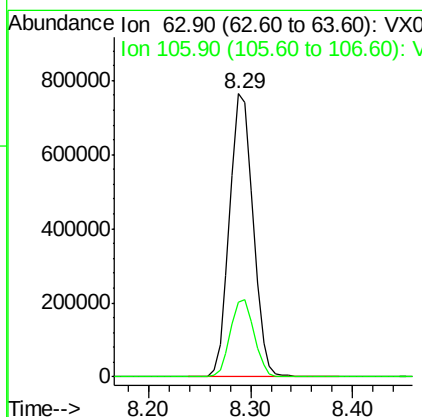
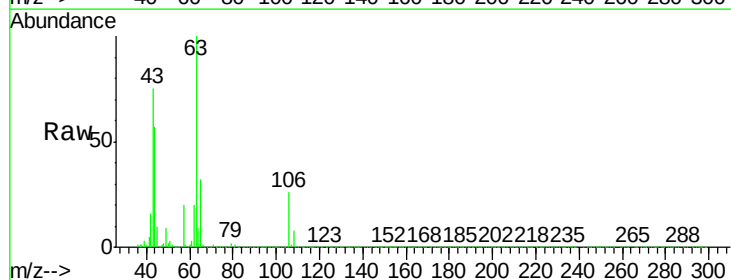
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401MBSD01

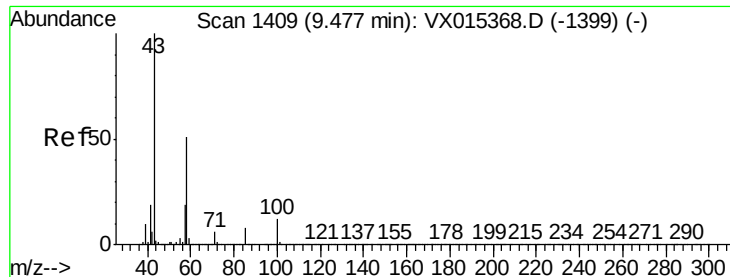
Tot Ion: 76 Resp: 456360
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 112.567 ug/l
 RT: 8.29 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: VX015468.D
 Acq: 01 Apr 2020 16:08

Tgt Ion: 63 Resp: 1220450
 Ion Ratio Lower Upper
 63 100
 106 27.5 22.7 34.1





#59

2-Hexanone

Concen: 97.218 ug/l

RT: 9.47 min Scan# 1408

Delta R.T. -0.01 min

Lab File: VX015468.D

Acq: 01 Apr 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

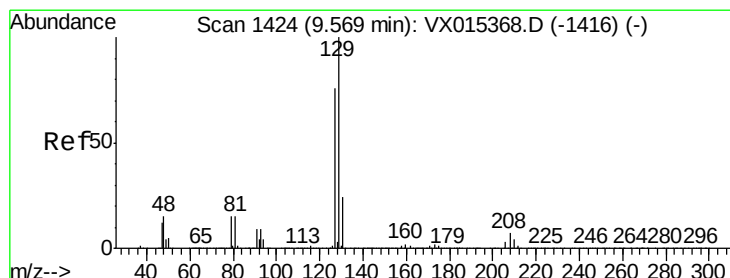
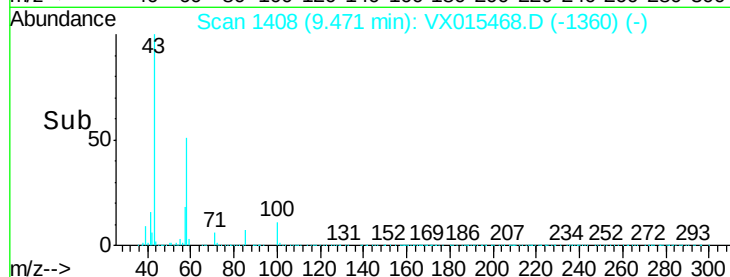
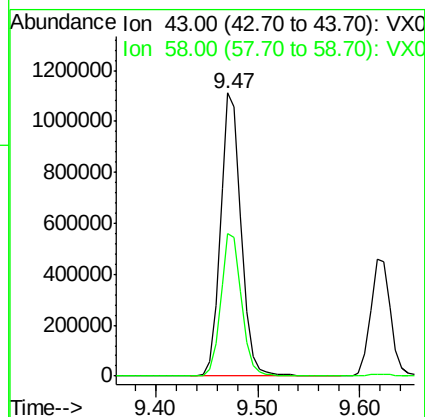
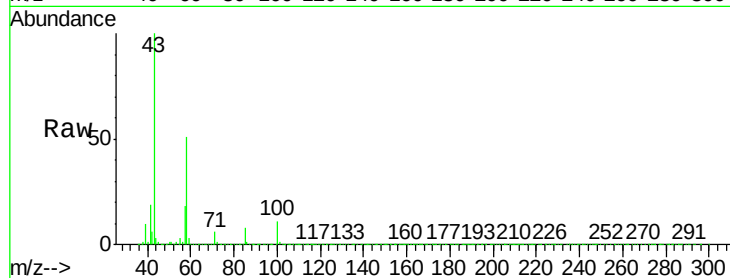
VX0401MBSD01

Tot Ion: 43 Resp: 1562852

Ion Ratio Lower Upper

43 100

58 50.8 25.6 76.6



#60

Dibromochloromethane

Concen: 19.814 ug/l

RT: 9.56 min Scan# 1423

Delta R.T. -0.01 min

Lab File: VX015468.D

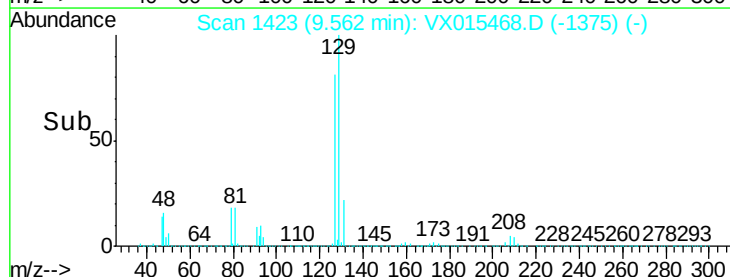
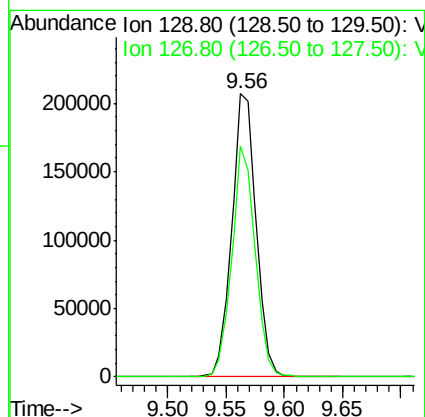
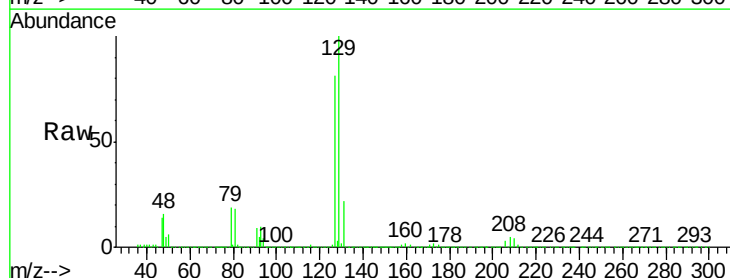
Acq: 01 Apr 2020 16:08

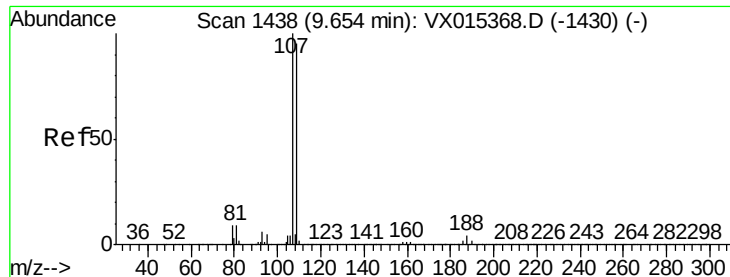
Tgt Ion: 129 Resp: 301133

Ion Ratio Lower Upper

129 100

127 77.8 38.2 114.6

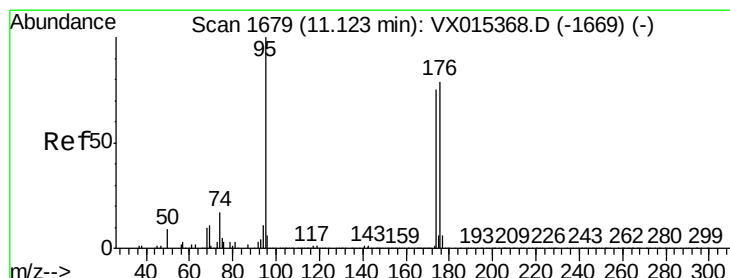
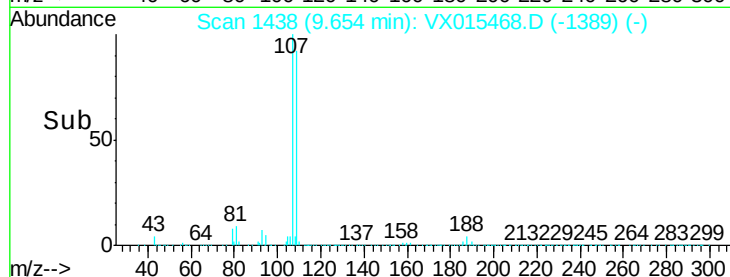
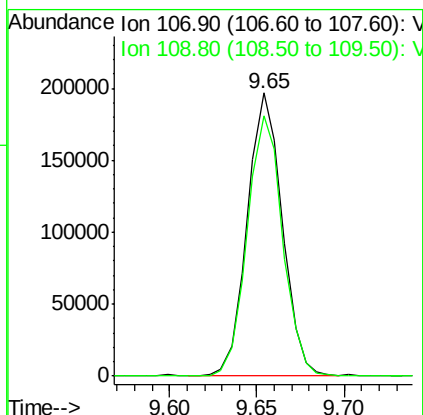
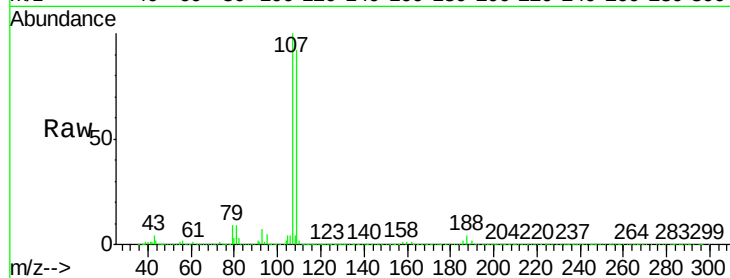




#61
 1,2-Dibromoethane
 Concen: 19.776 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: VX015468.D
 Acq: 01 Apr 2020 16:08

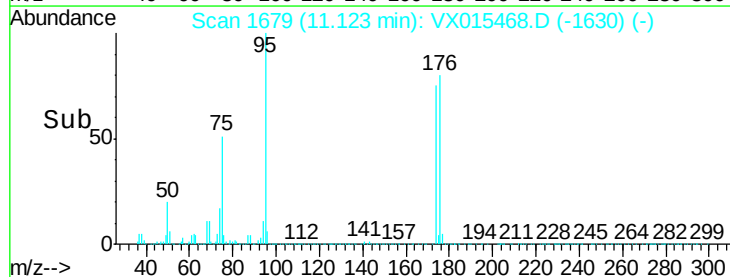
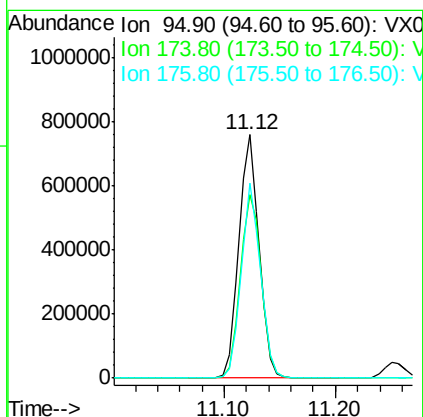
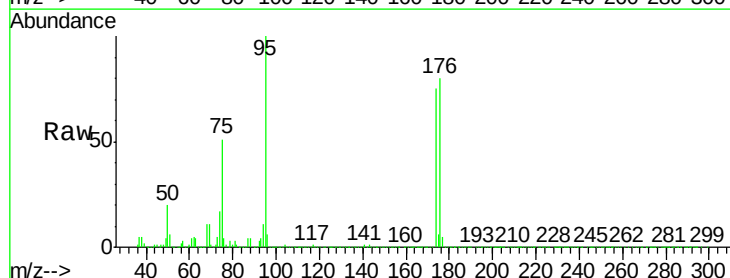
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401MBSD01

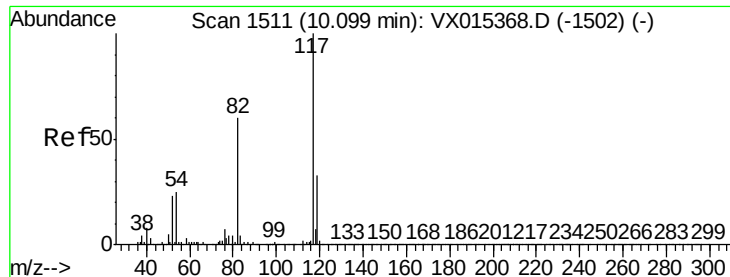
Tot Ion: 107 Resp: 271976
 Ion Ratio Lower Upper
 107 100
 109 93.3 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 53.646 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: VX015468.D
 Acq: 01 Apr 2020 16:08

Tgt Ion: 95 Resp: 951892
 Ion Ratio Lower Upper
 95 100
 174 78.0 0.0 158.6
 176 76.7 0.0 159.0

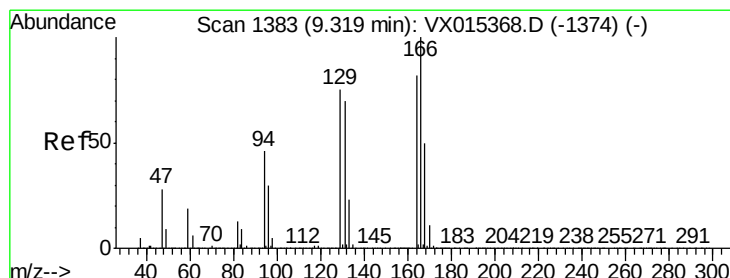
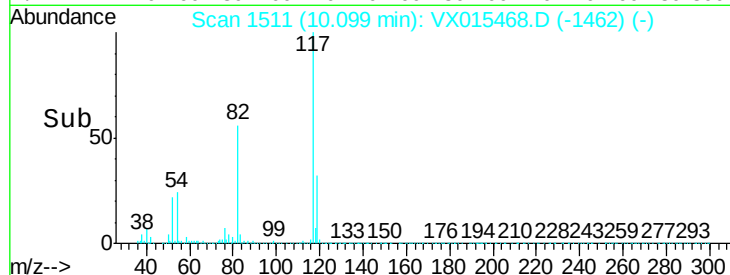
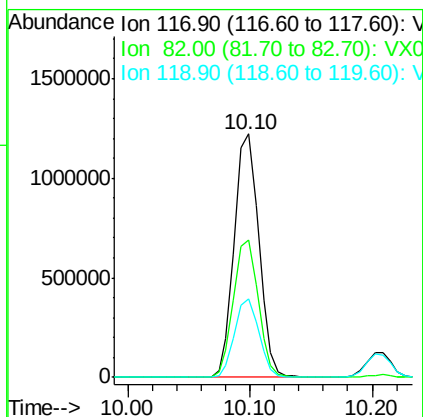
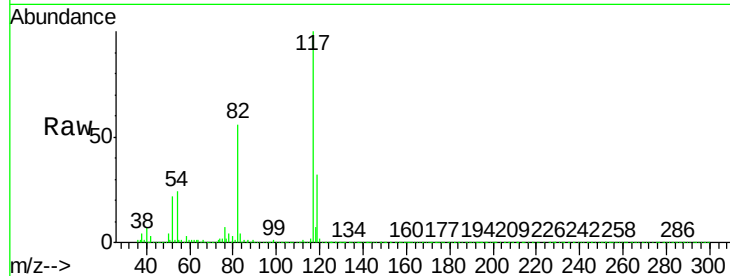




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015468.D
Acq: 01 Apr 2020 16:08

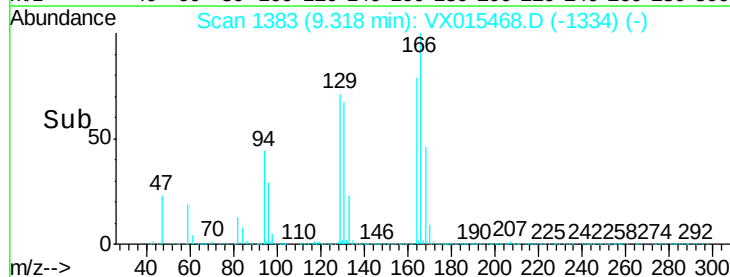
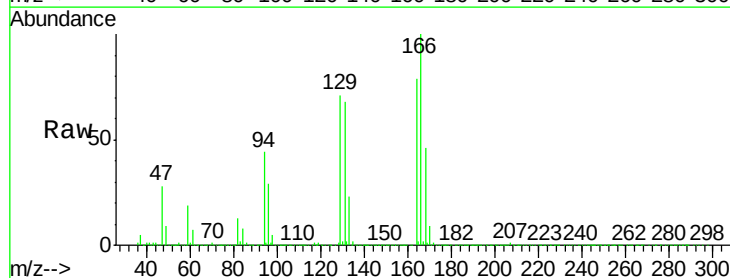
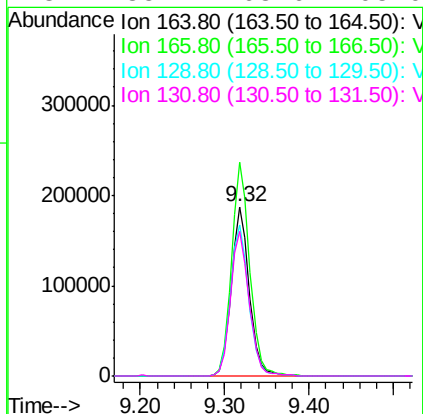
Instrument :
MSVOA_X
ClientSampleId :
VX0401MBSD01

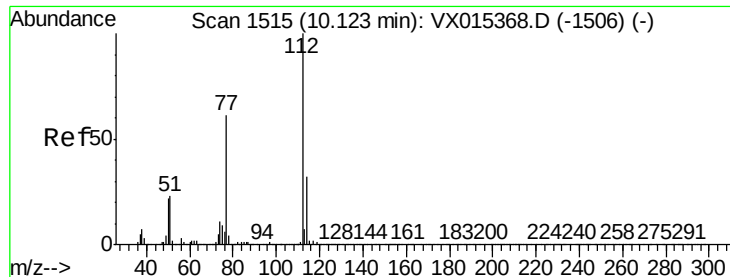
Tot Ion:117 Resp: 1705023
Ion Ratio Lower Upper
117 100
82 56.4 47.8 71.8
119 32.1 26.8 40.2



#64
Tetrachloroethene
Concen: 21.180 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015468.D
Acq: 01 Apr 2020 16:08

Tgt Ion:164 Resp: 272536
Ion Ratio Lower Upper
164 100
166 126.2 97.8 146.6
129 89.4 73.0 109.4
131 85.1 68.6 103.0

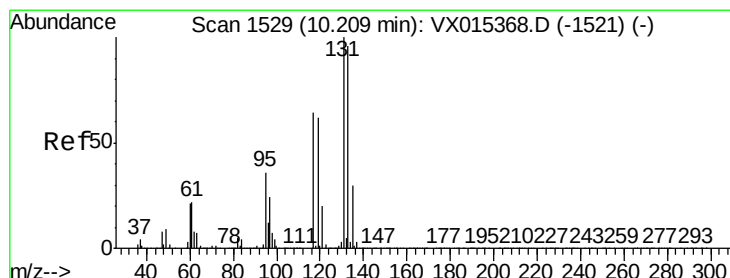
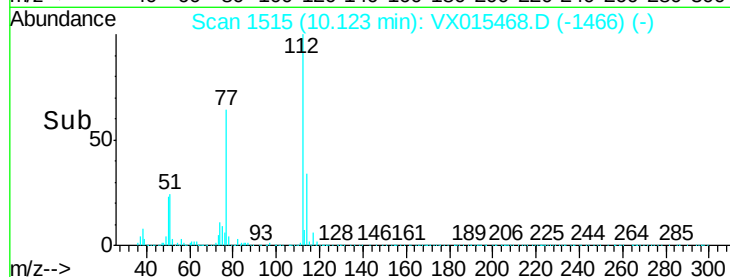
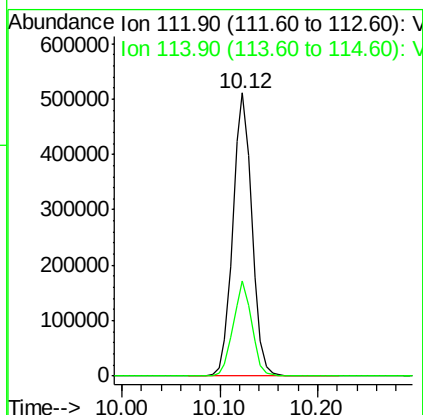
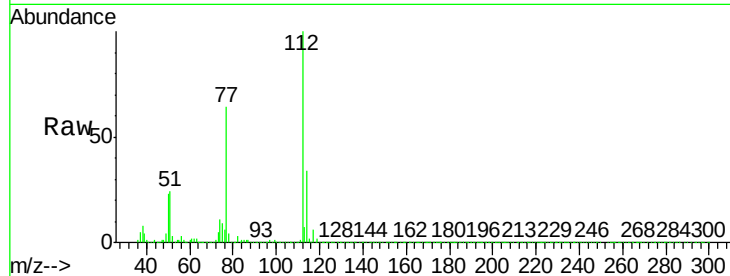




#65
Chlorobenzene
Concen: 20.228 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015468.D
Acq: 01 Apr 2020 16:08

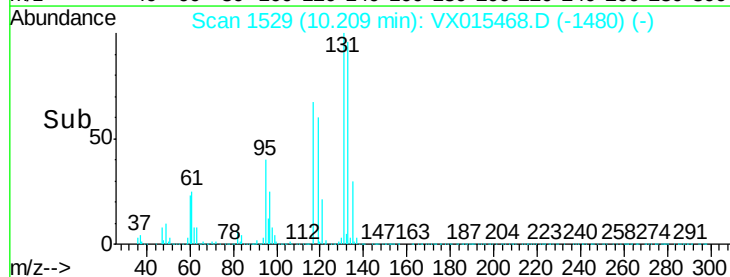
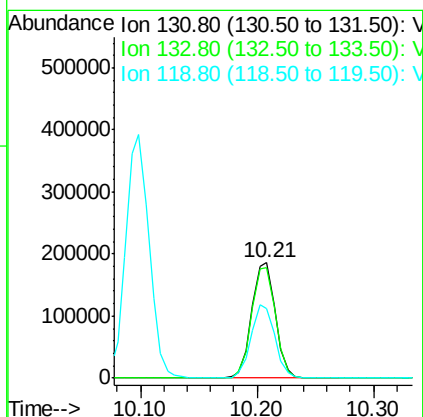
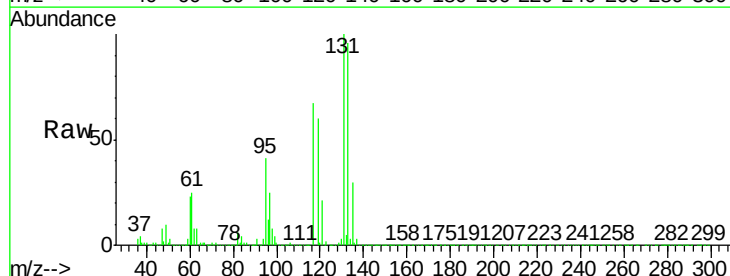
Instrument :
MSVOA_X
ClientSampleId :
VX0401MBSD01

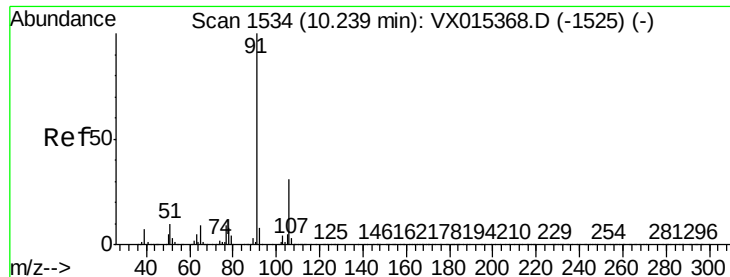
Tot Ion:112 Resp: 687817
Ion Ratio Lower Upper
112 100
114 33.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.549 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. -0.00 min
Lab File: VX015468.D
Acq: 01 Apr 2020 16:08

Tgt Ion:131 Resp: 265565
Ion Ratio Lower Upper
131 100
133 96.8 47.6 142.9
119 63.0 31.1 93.3





#67

Ethyl Benzene

Concen: 21.210 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VX015468.D

Acq: 01 Apr 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

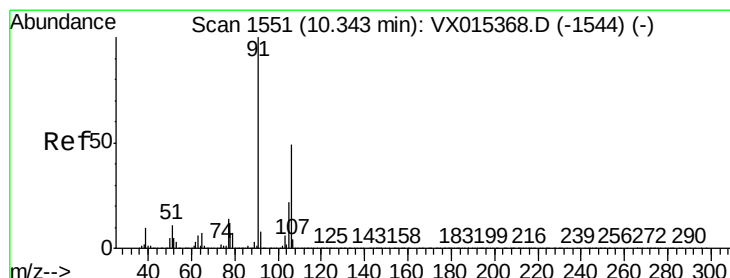
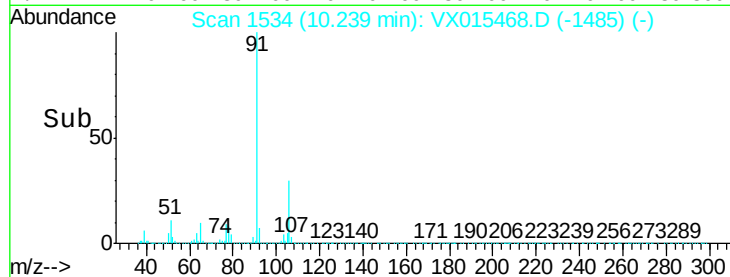
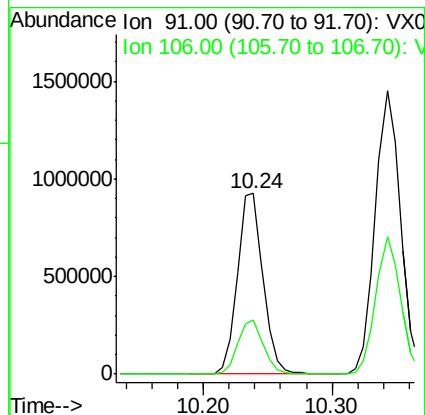
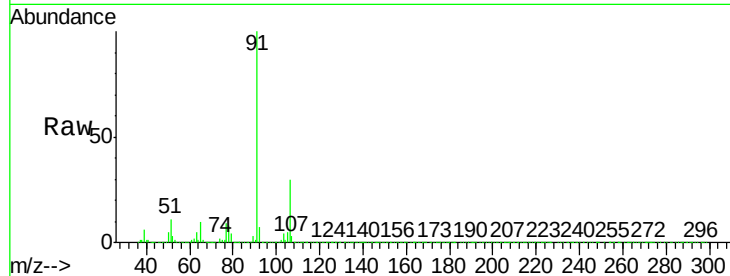
VX0401MBSD01

Tot Ion: 91 Resp: 1279160

Ion Ratio Lower Upper

91 100

106 30.1 24.8 37.2



#68

m/p-Xylenes

Concen: 41.894 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015468.D

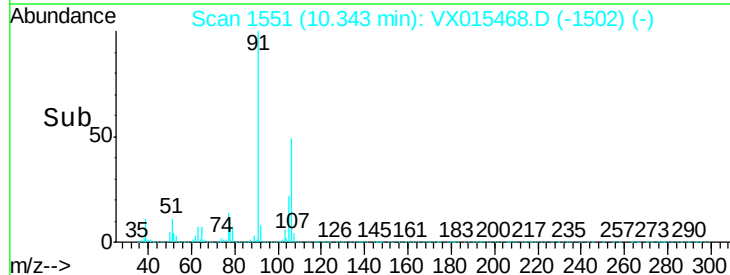
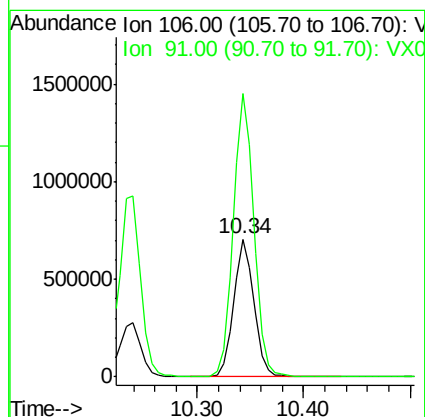
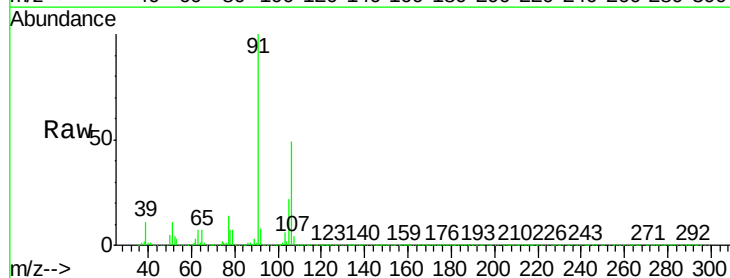
Acq: 01 Apr 2020 16:08

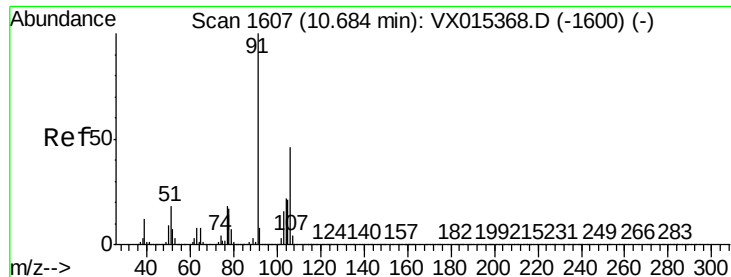
Tgt Ion: 106 Resp: 940806

Ion Ratio Lower Upper

106 100

91 208.9 163.4 245.0

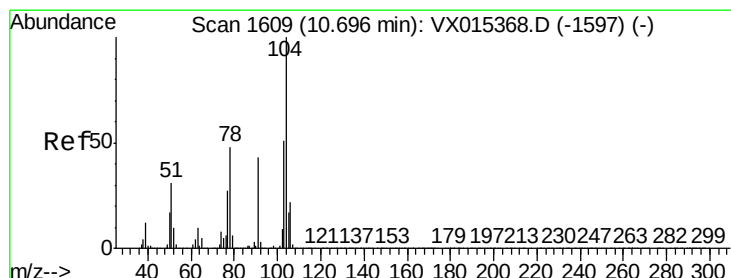
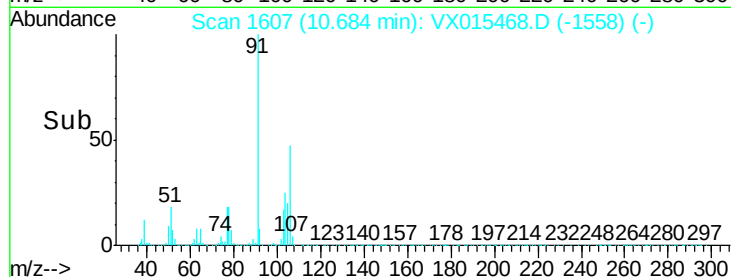
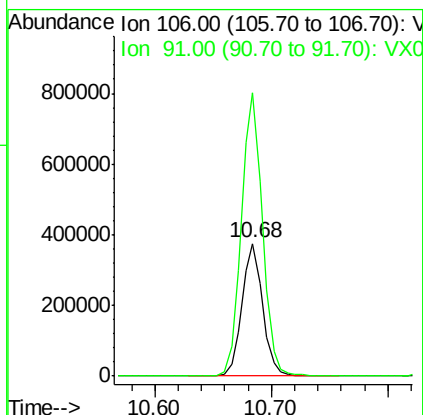
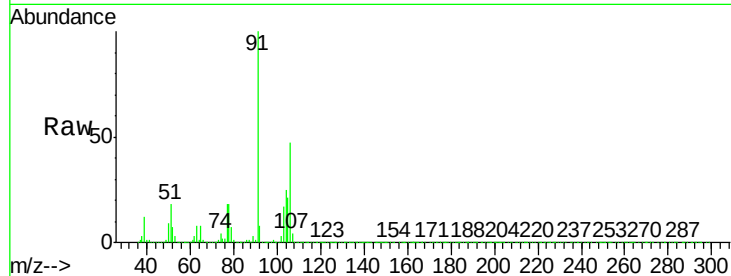




#69
o-Xylene
Concen: 20.890 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015468.D
Acq: 01 Apr 2020 16:08

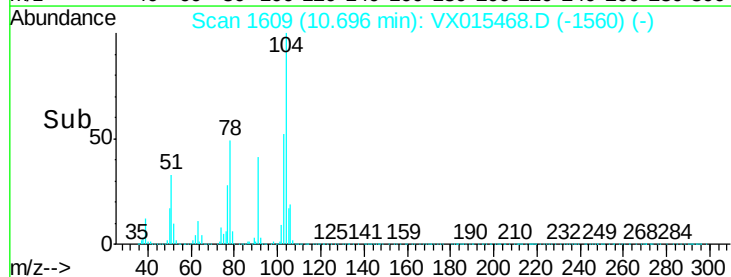
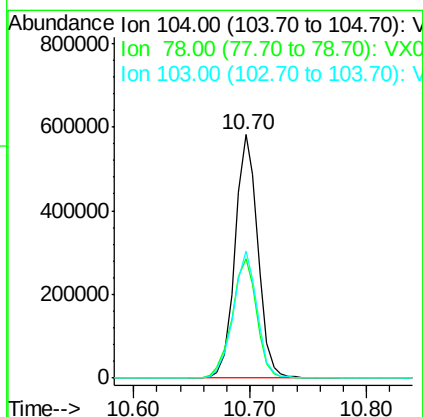
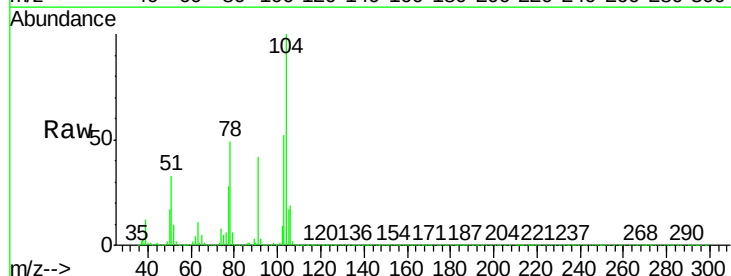
Instrument :
MSVOA_X
ClientSampleId :
VX0401MBSD01

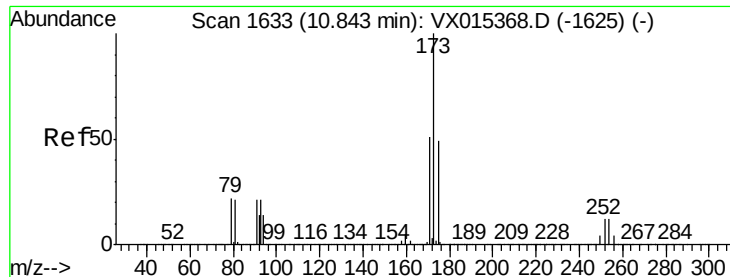
Tot Ion:106 Resp: 463570
Ion Ratio Lower Upper
106 100
91 218.0 107.1 321.3



#70
Styrene
Concen: 20.263 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015468.D
Acq: 01 Apr 2020 16:08

Tgt Ion:104 Resp: 791239
Ion Ratio Lower Upper
104 100
78 53.4 42.0 63.0
103 54.8 43.4 65.0

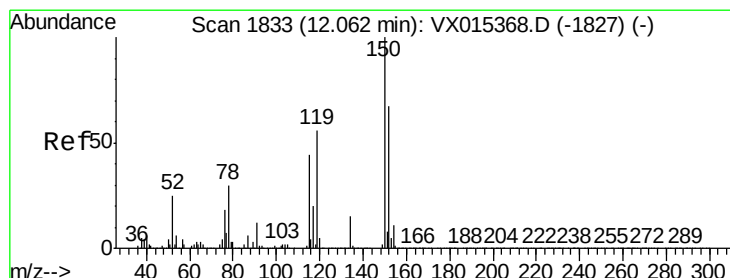
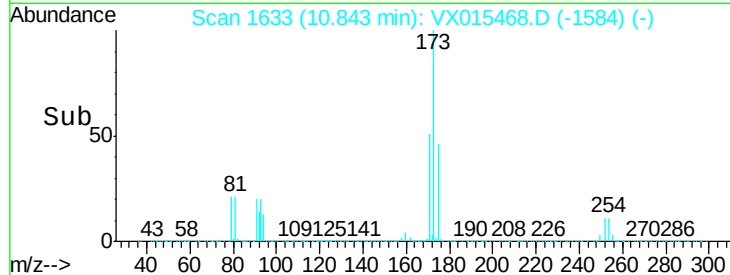
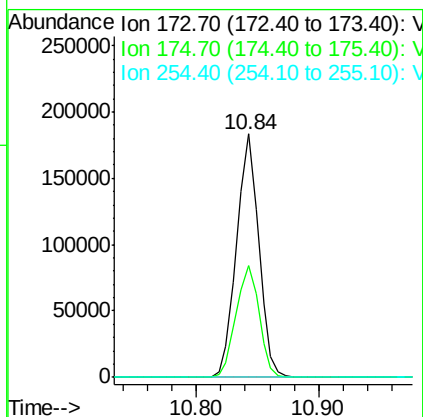
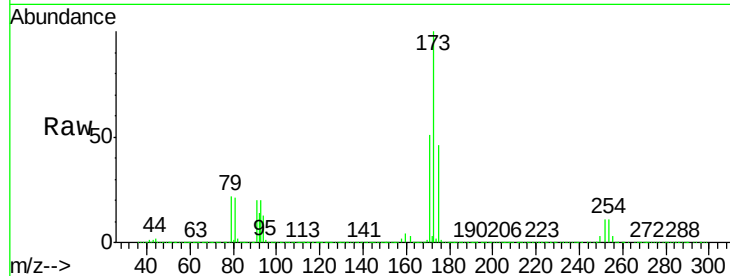




#71
Bromoform
Concen: 18.613 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VX015468.D
Acq: 01 Apr 2020 16:08

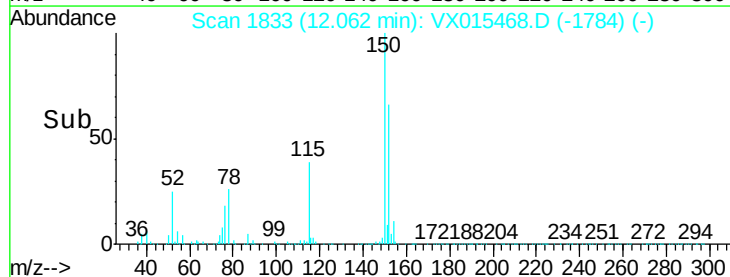
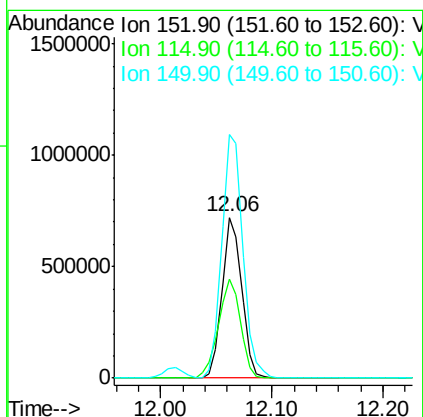
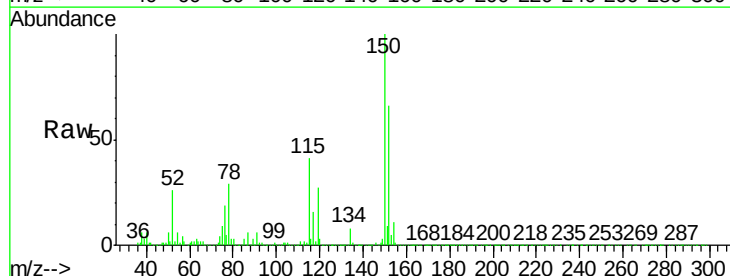
Instrument :
MSVOA_X
ClientSampleId :
VX0401MBSD01

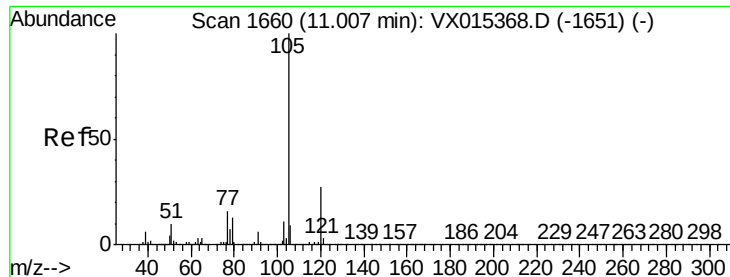
Tot Ion:173 Resp: 230172
Ion Ratio Lower Upper
173 100
175 47.4 23.9 71.7
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015468.D
Acq: 01 Apr 2020 16:08

Tgt Ion:152 Resp: 882433
Ion Ratio Lower Upper
152 100
115 68.7 39.0 116.9
150 162.5 0.0 340.8





#73

Isopropylbenzene

Concen: 21.257 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015468.D

Acq: 01 Apr 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

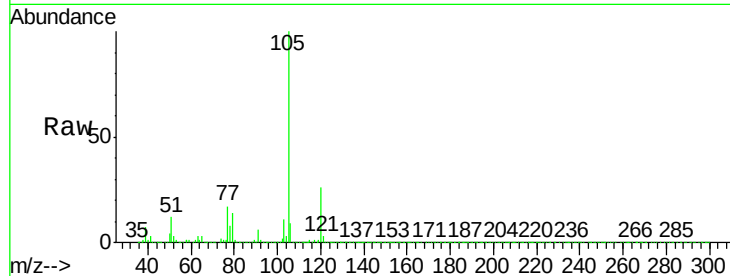
VX0401MBSD01

Tot Ion:105 Resp: 1229040

Ion Ratio Lower Upper

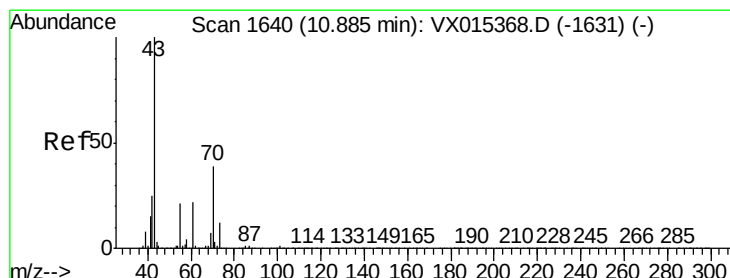
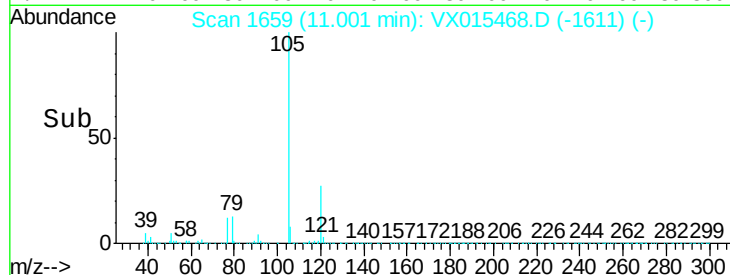
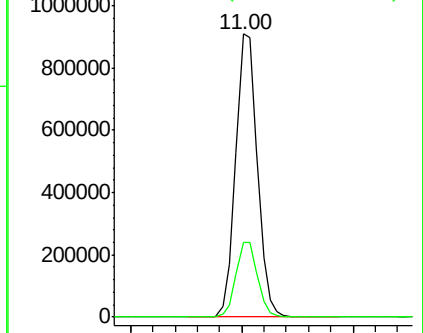
105 100

120 26.3 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.839 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015468.D

Acq: 01 Apr 2020 16:08

Tgt Ion: 43 Resp: 637985

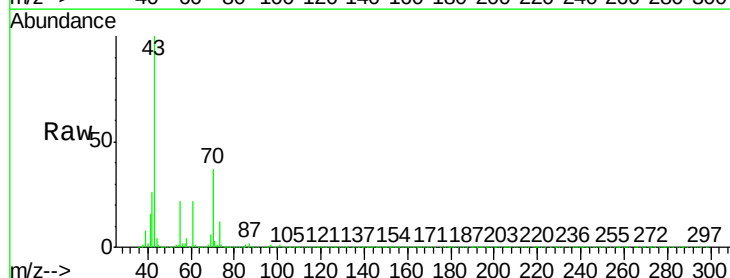
Ion Ratio Lower Upper

43 100

70 37.2 30.2 45.4

55 21.9 16.8 25.2

61 22.4 18.2 27.2

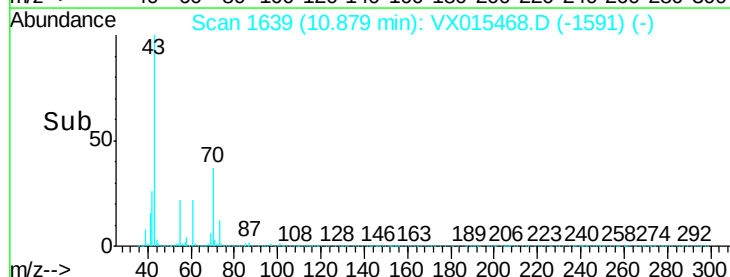
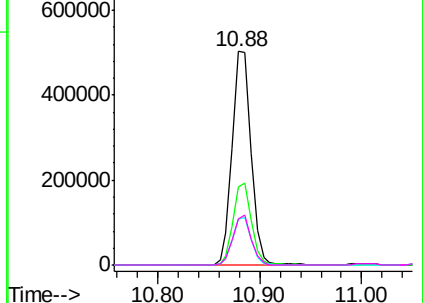


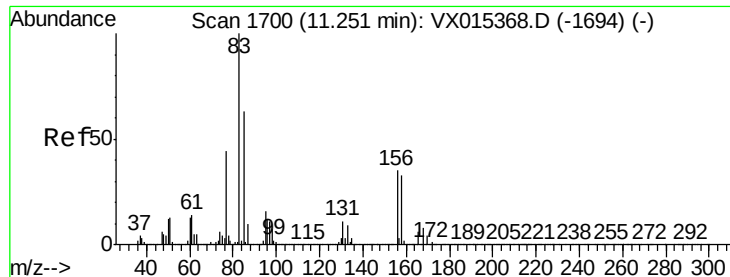
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.561 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015468.D

Acq: 01 Apr 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

VX0401MBSD01

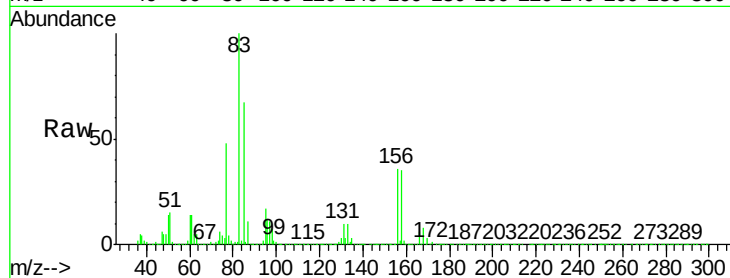
Tot Ion: 83 Resp: 388095

Ion Ratio Lower Upper

83 100

131 10.5 5.3 16.1

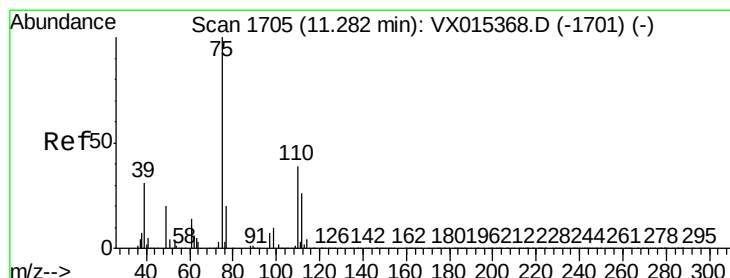
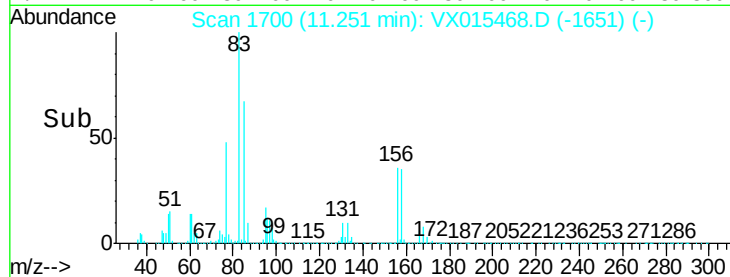
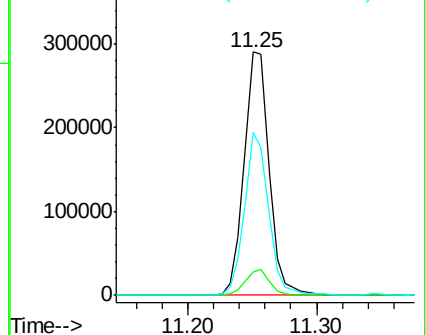
85 64.2 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.084 ug/l m

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015468.D

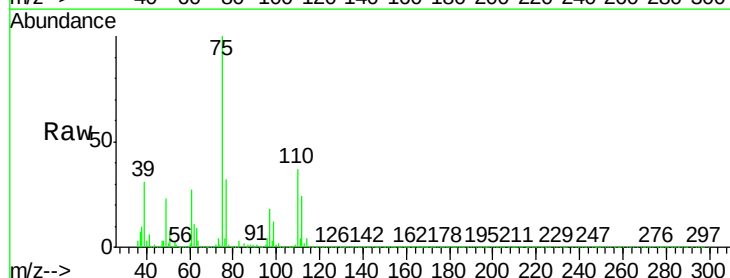
Acq: 01 Apr 2020 16:08

Tgt Ion: 75 Resp: 364446

Ion Ratio Lower Upper

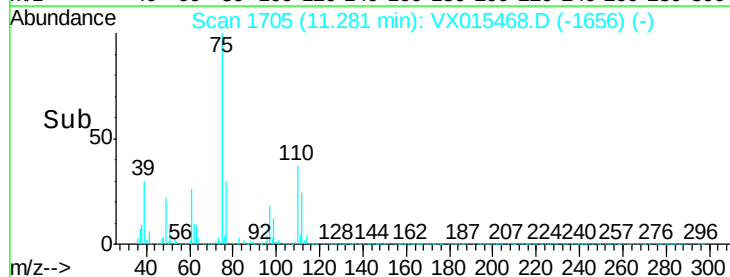
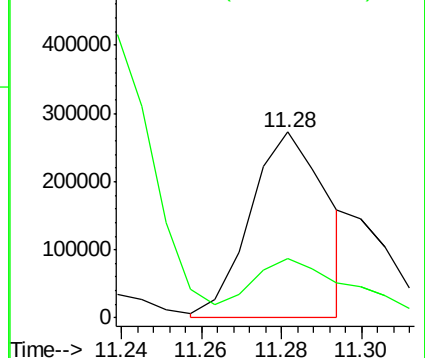
75 100

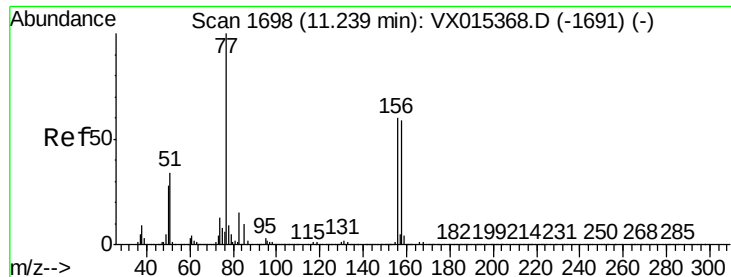
77 41.1 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.349 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015468.D

Acq: 01 Apr 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

VX0401MBSD01

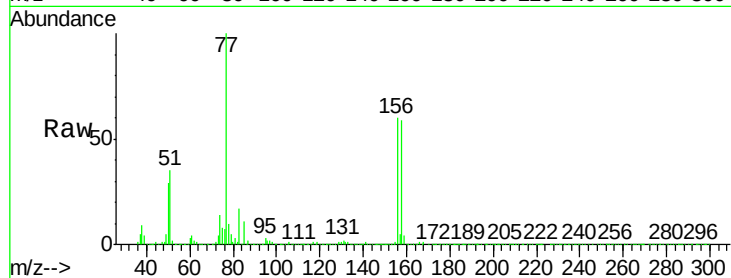
Tot Ion:156 Resp: 313836

Ion Ratio Lower Upper

156 100

77 167.7 82.2 246.5

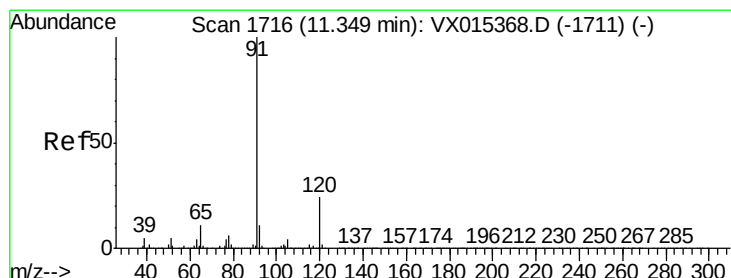
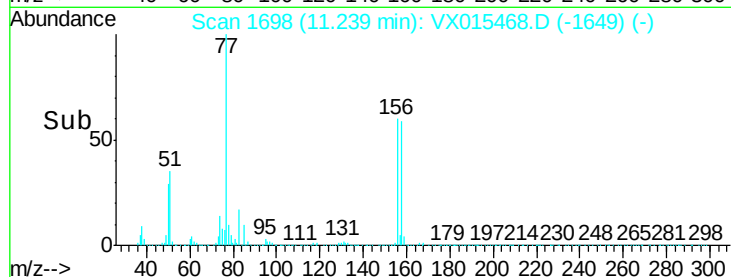
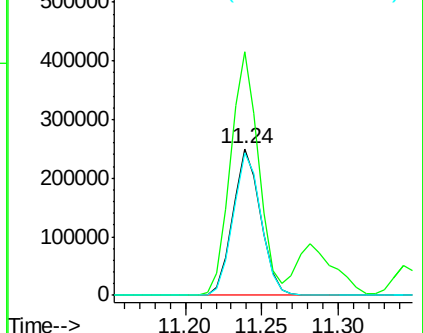
158 97.9 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.950 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015468.D

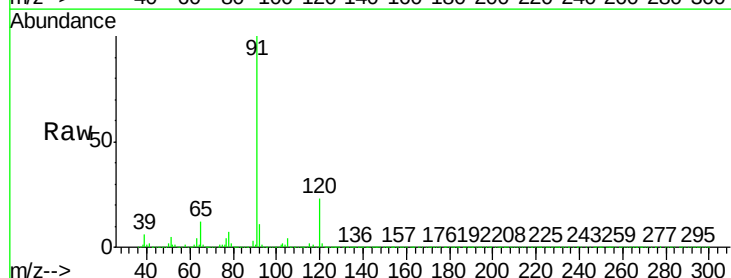
Acq: 01 Apr 2020 16:08

Tgt Ion: 91 Resp: 1451175

Ion Ratio Lower Upper

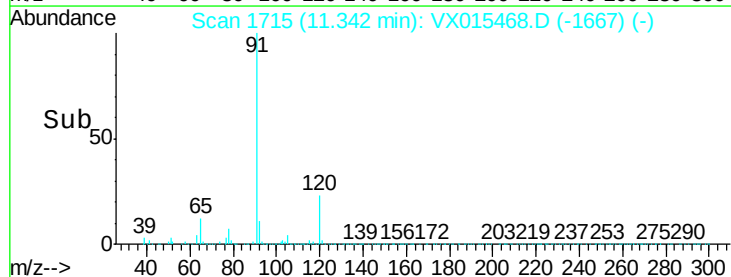
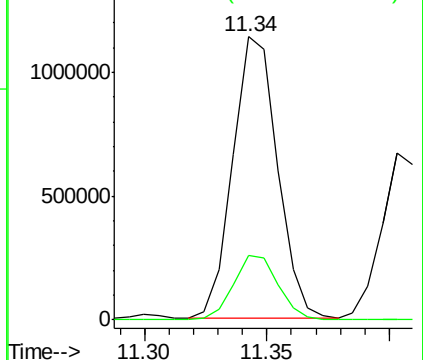
91 100

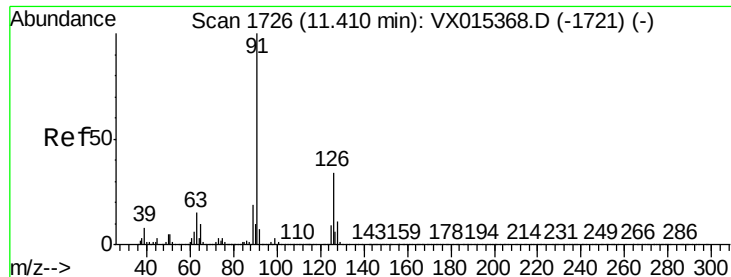
120 23.0 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.279 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015468.D

Acq: 01 Apr 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

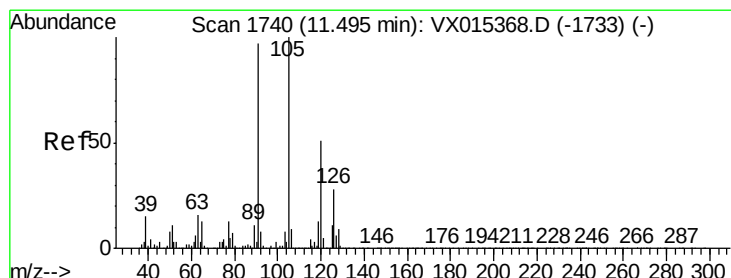
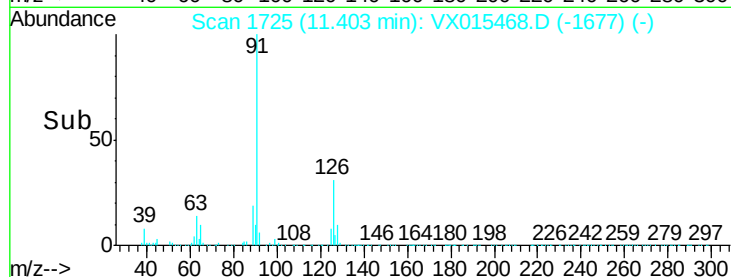
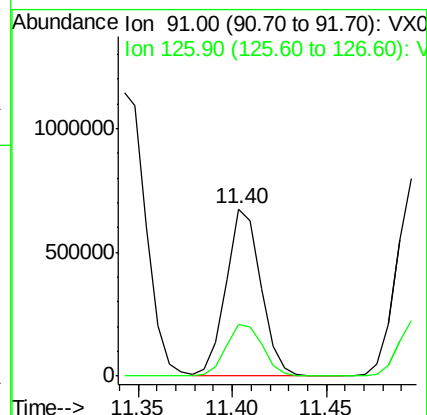
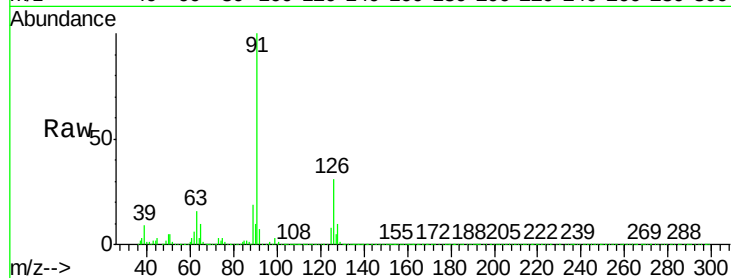
VX0401MBSD01

Tot Ion: 91 Resp: 862278

Ion Ratio Lower Upper

91 100

126 32.8 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 21.167 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015468.D

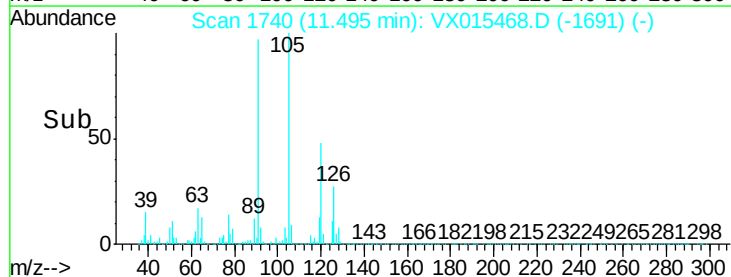
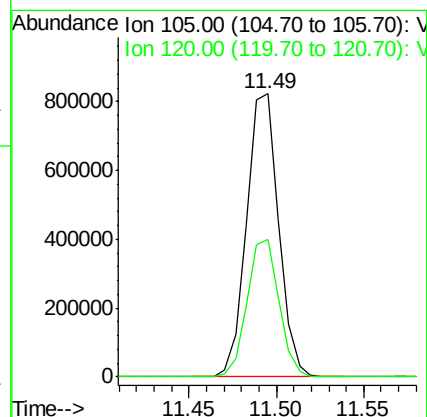
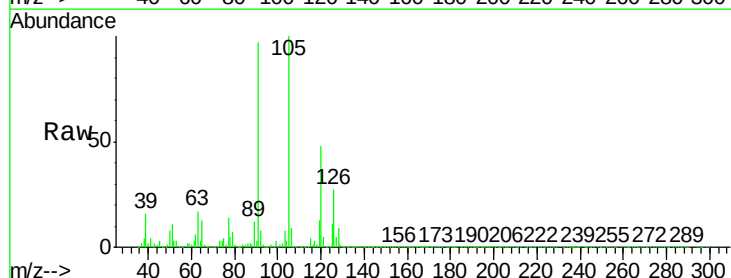
Acq: 01 Apr 2020 16:08

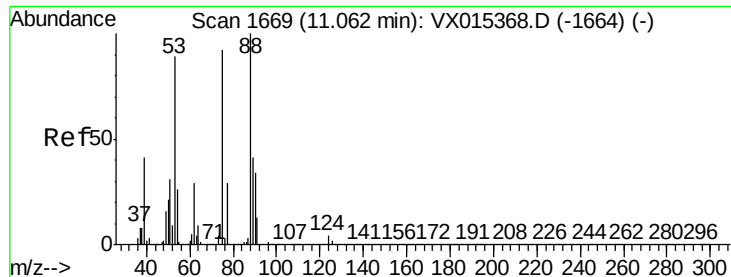
Tgt Ion: 105 Resp: 1045215

Ion Ratio Lower Upper

105 100

120 48.3 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.114 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. -0.00 min

Lab File: VX015468.D

Acq: 01 Apr 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

VX0401MBS01

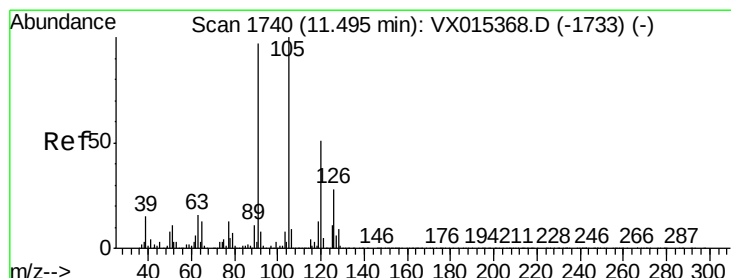
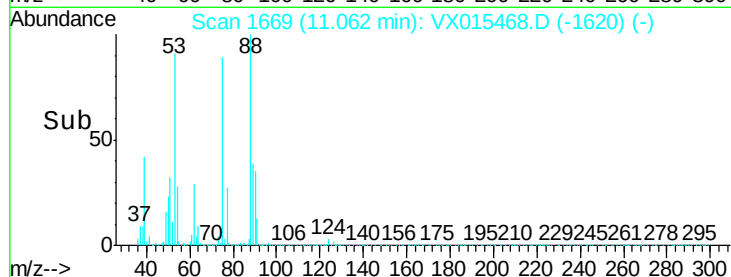
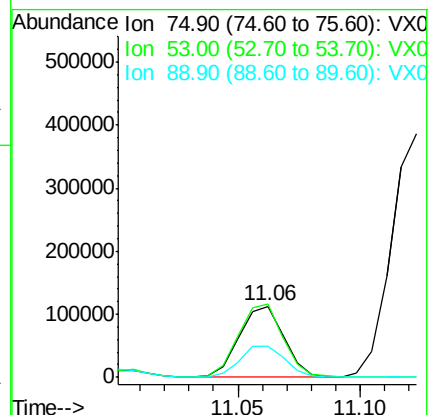
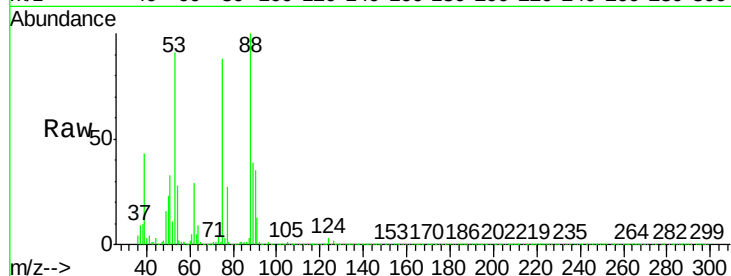
Tot Ion: 75 Resp: 144556

Ion Ratio Lower Upper

75 100

53 101.1 80.1 120.1

89 45.0 36.1 54.1



#82

4-Chlorotoluene

Concen: 21.319 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015468.D

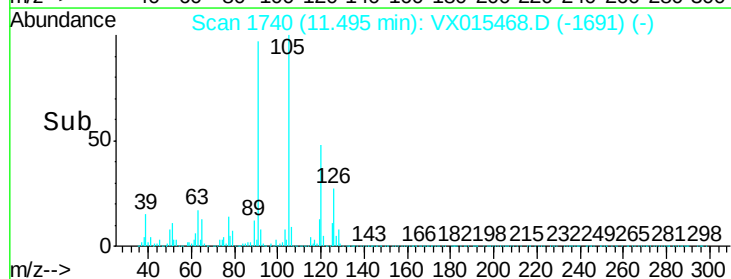
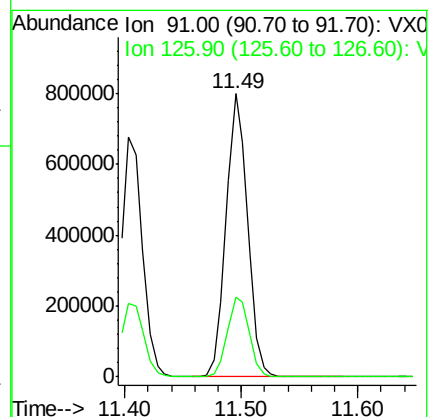
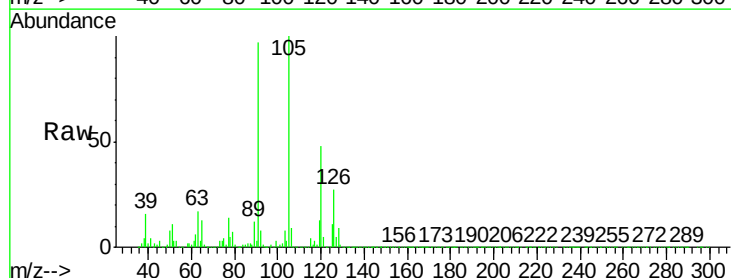
Acq: 01 Apr 2020 16:08

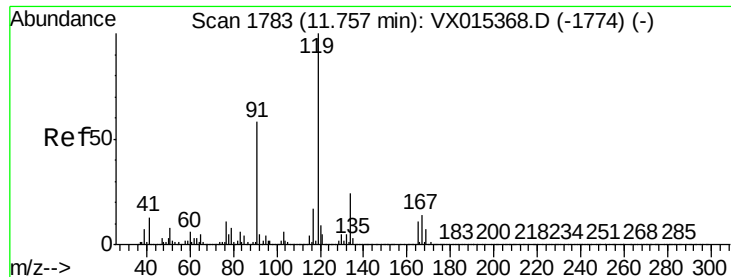
Tgt Ion: 91 Resp: 1012779

Ion Ratio Lower Upper

91 100

126 28.9 14.7 44.1

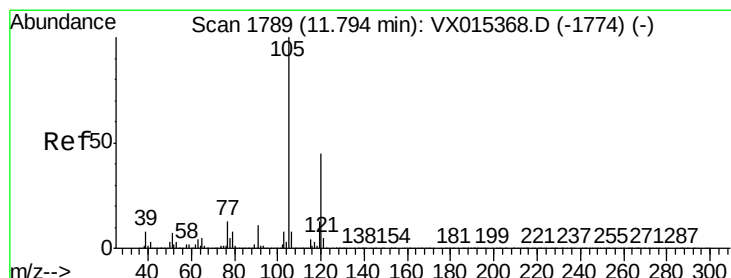
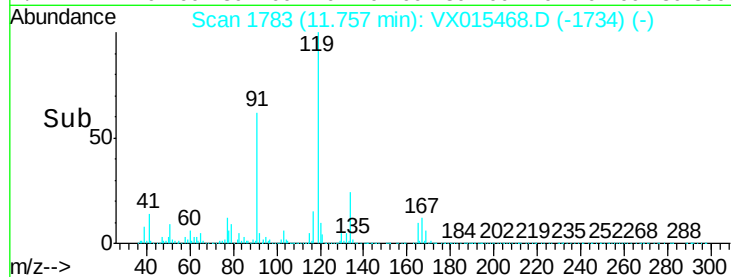
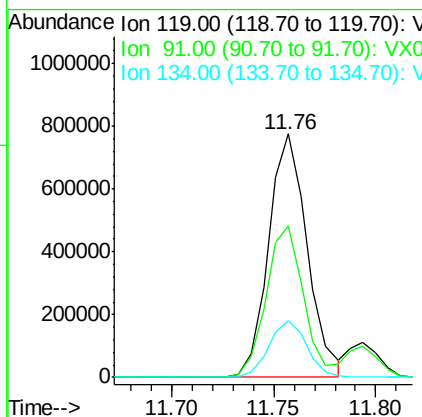
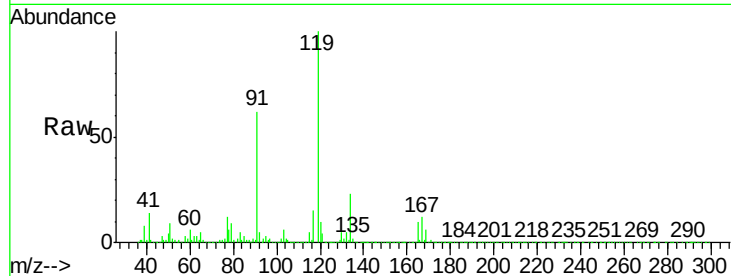




#83
 tert-Butylbenzene
 Concen: 21.191 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX015468.D
 Acq: 01 Apr 2020 16:08

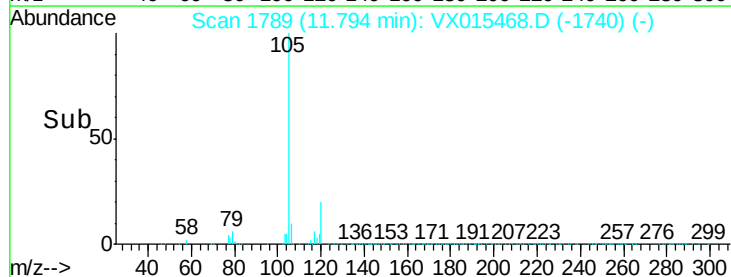
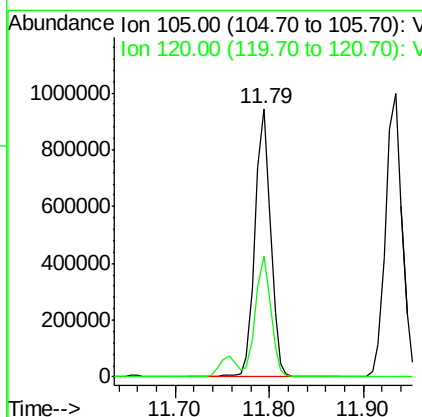
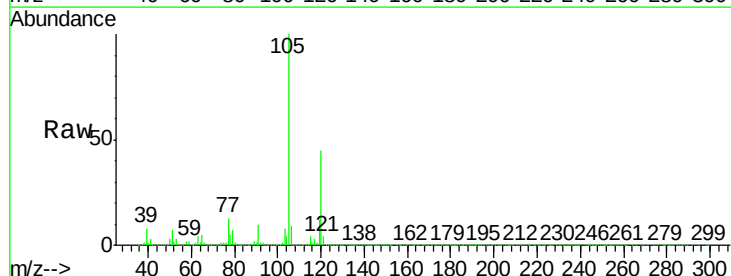
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401MBS01

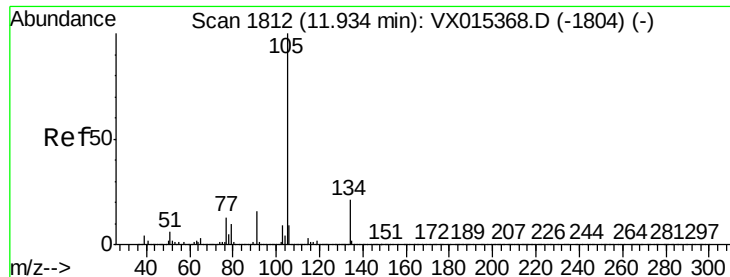
Tot Ion:119 Resp: 1022095
 Ion Ratio Lower Upper
 119 100
 91 61.0 28.6 85.8
 134 22.9 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 21.748 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX015468.D
 Acq: 01 Apr 2020 16:08

Tgt Ion:105 Resp: 1094352
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.7 68.1





#85

sec-Butylbenzene

Concen: 21.705 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015468.D

Acq: 01 Apr 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

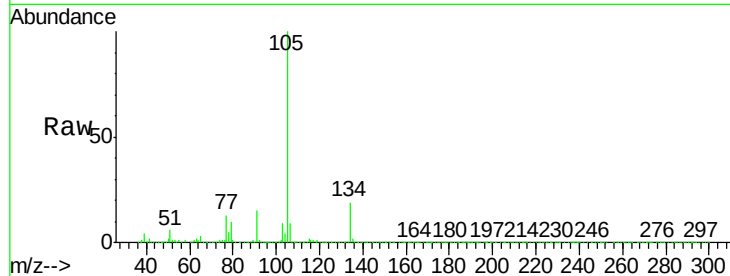
VX0401MBS01

Tot Ion:105 Resp: 1210742

Ion Ratio Lower Upper

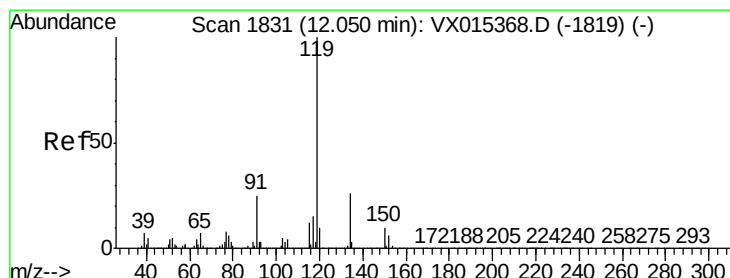
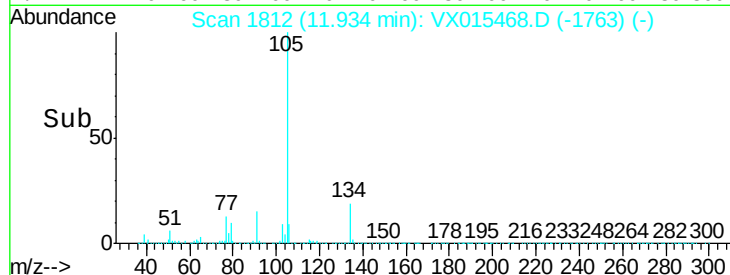
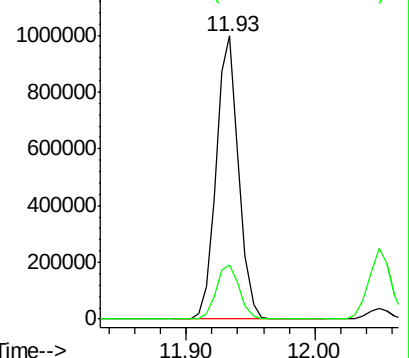
105 100

134 19.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.173 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015468.D

Acq: 01 Apr 2020 16:08

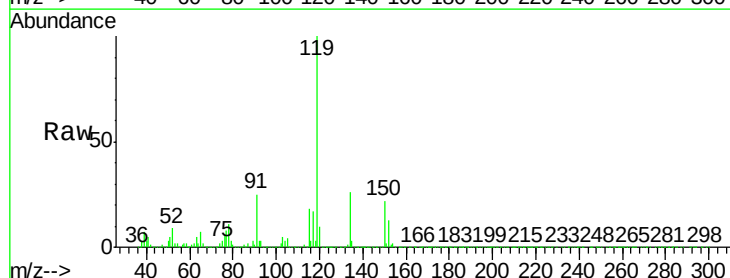
Tgt Ion:119 Resp: 1148245

Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.3

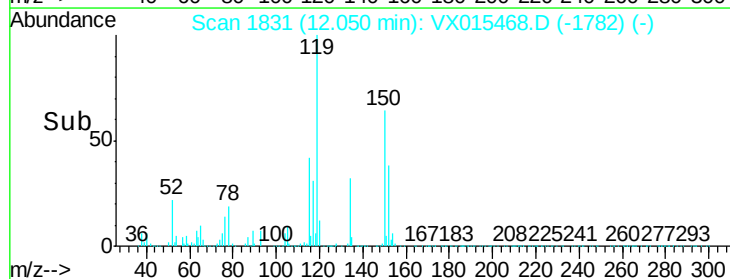
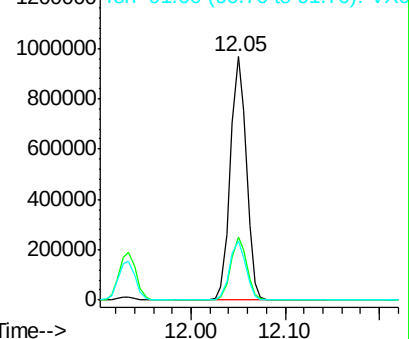
91 24.7 12.4 37.4

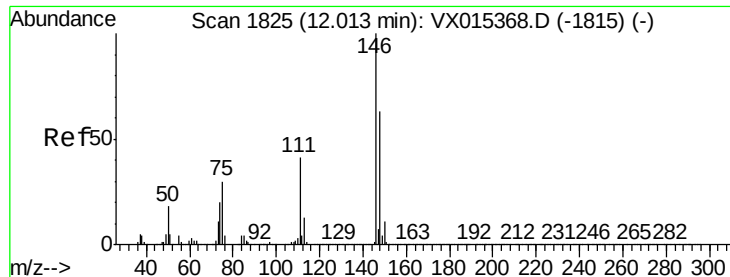


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

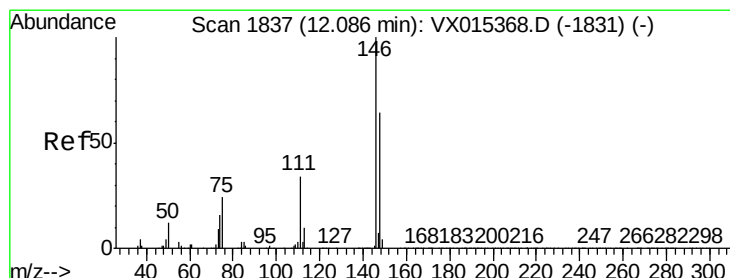
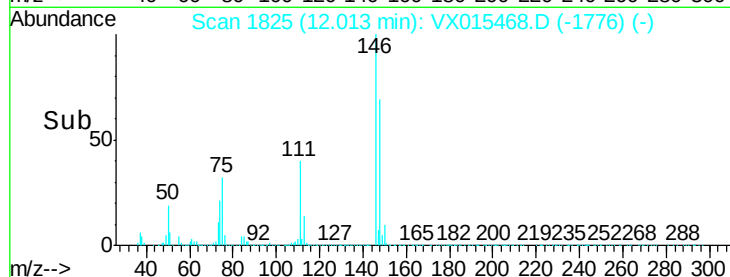
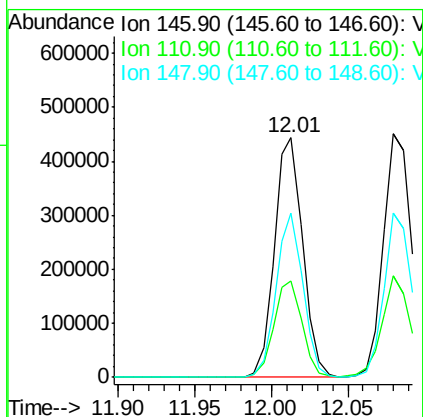
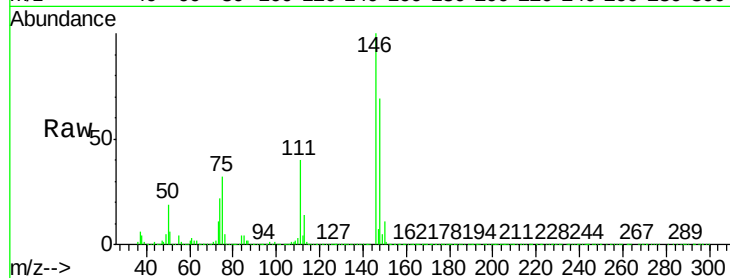




#87
 1,3-Dichlorobenzene
 Concen: 20.567 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015468.D
 Acq: 01 Apr 2020 16:08

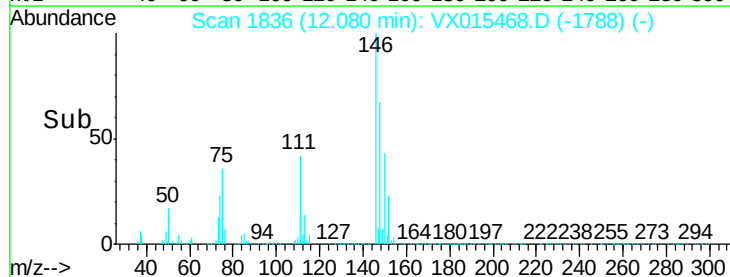
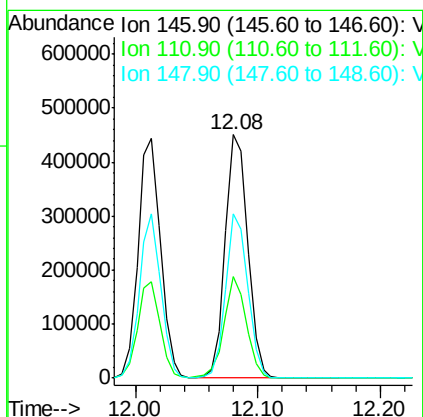
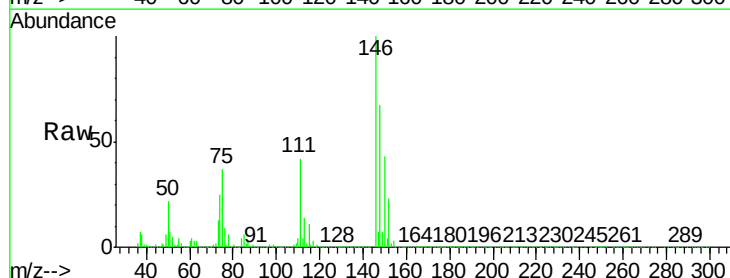
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401MBSD01

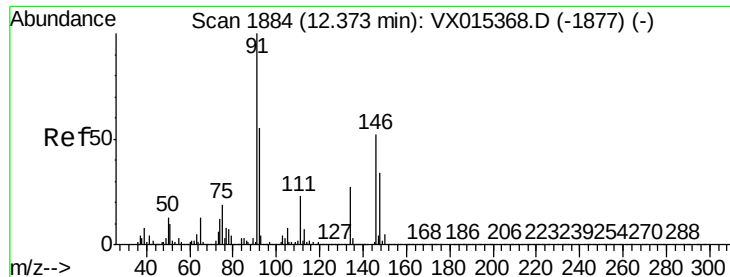
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.3	60.9
148	65.3	31.3	93.9



#88
 1,4-Dichlorobenzene
 Concen: 20.426 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015468.D
 Acq: 01 Apr 2020 16:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.1	57.5
148	65.7	32.4	97.2

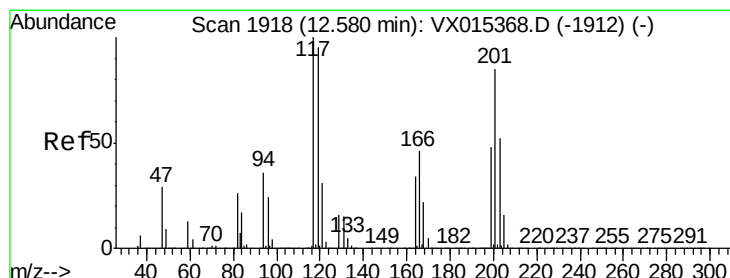
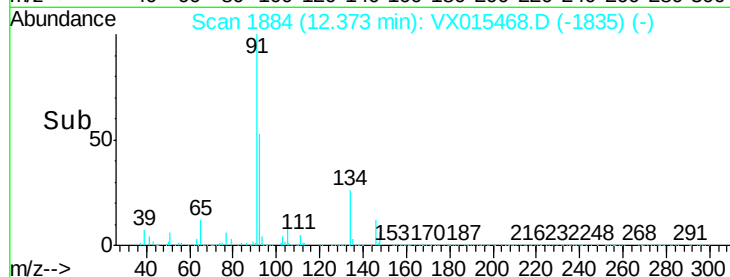
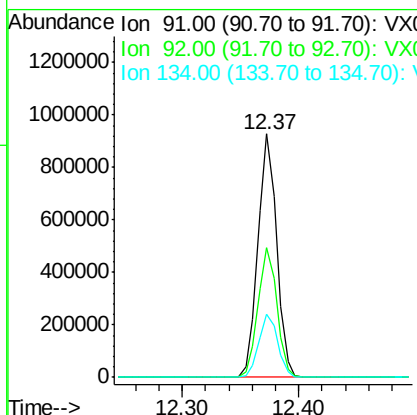
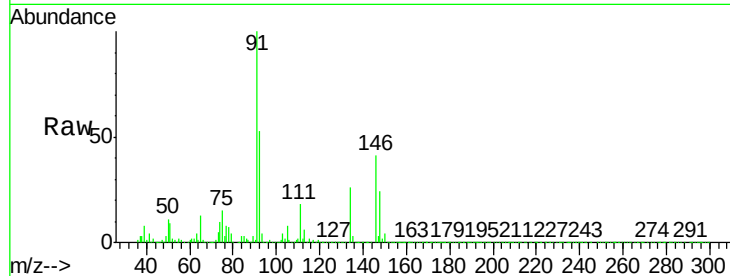




#89
n-Butylbenzene
Concen: 22.390 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015468.D
Acq: 01 Apr 2020 16:08

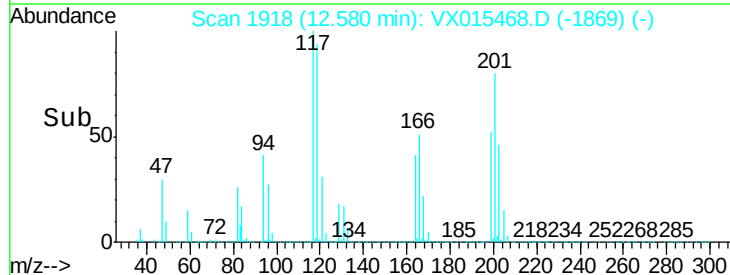
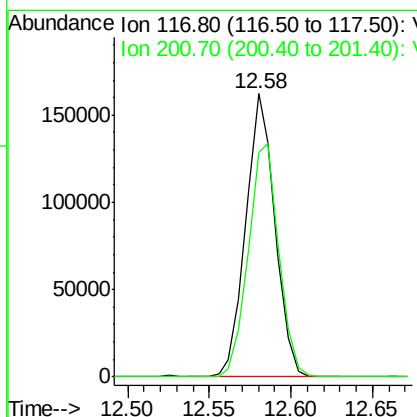
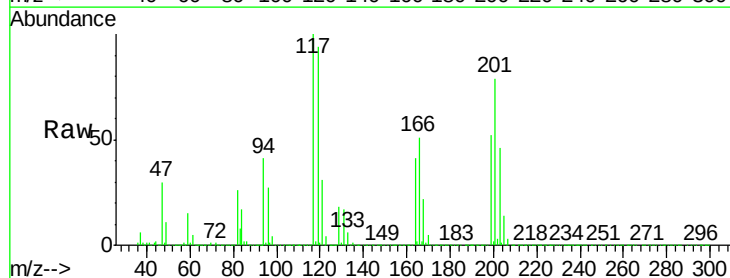
Instrument :
MSVOA_X
ClientSampleId :
VX0401MBSD01

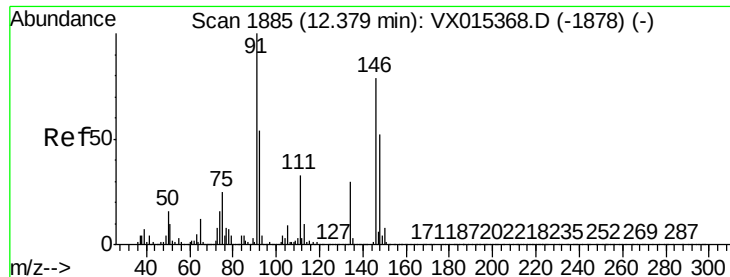
Tot Ion: 91 Resp: 1047800
Ion Ratio Lower Upper
91 100
92 53.8 27.2 81.5
134 26.5 13.4 40.2



#90
Hexachloroethane
Concen: 20.006 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015468.D
Acq: 01 Apr 2020 16:08

Tgt Ion: 117 Resp: 201655
Ion Ratio Lower Upper
117 100
201 86.4 42.6 128.0

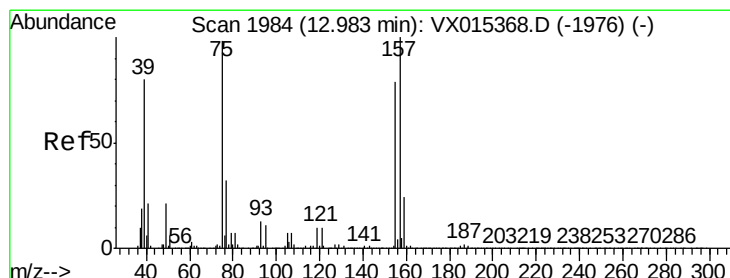
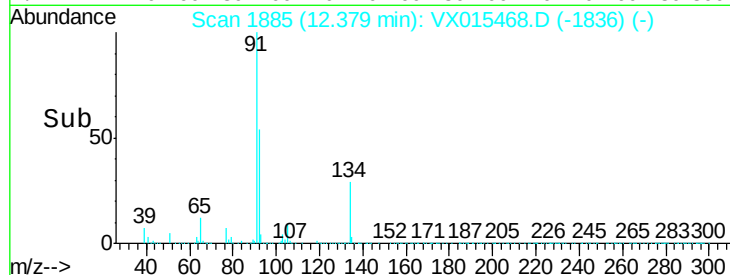
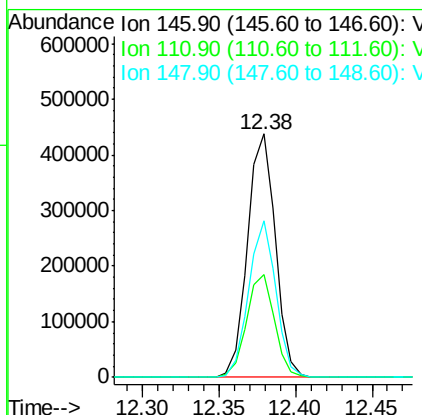
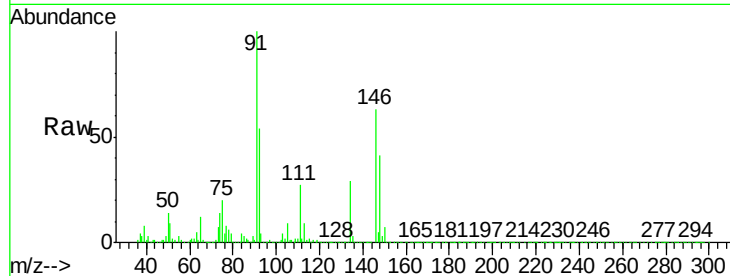




#91
 1,2-Dichlorobenzene
 Concen: 20.473 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015468.D
 Acq: 01 Apr 2020 16:08

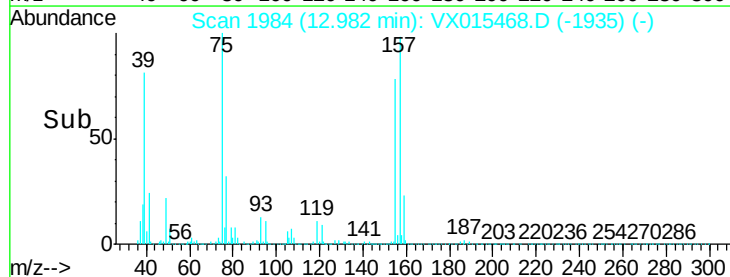
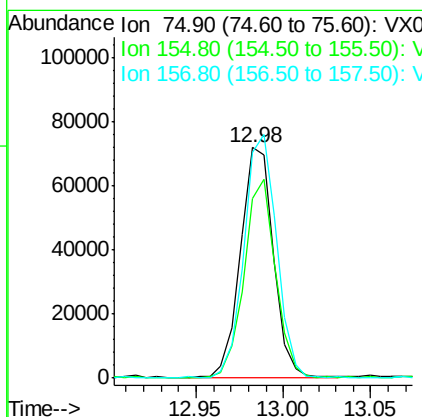
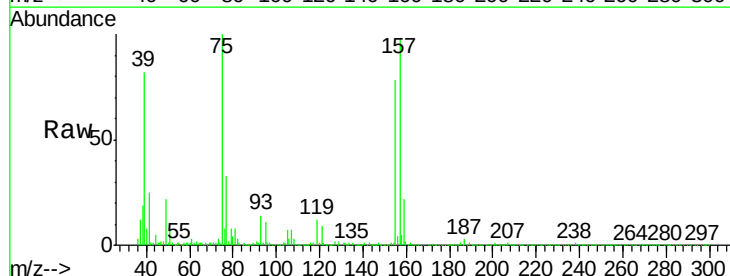
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401MBSD01

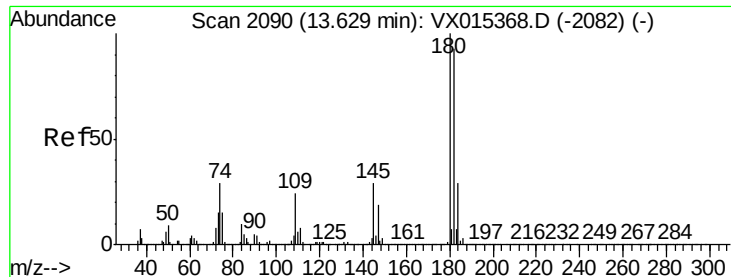
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.0	63.0
148	62.8	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.680 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015468.D
 Acq: 01 Apr 2020 16:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.4	42.8	128.4
157	104.8	53.4	160.3

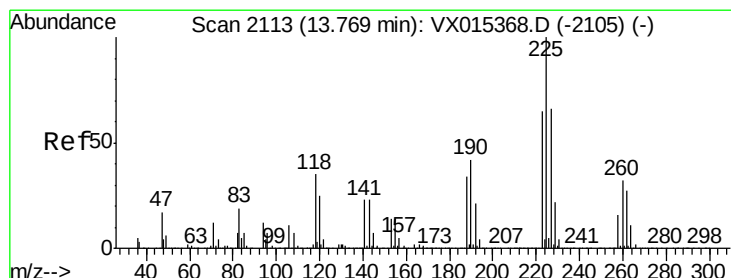
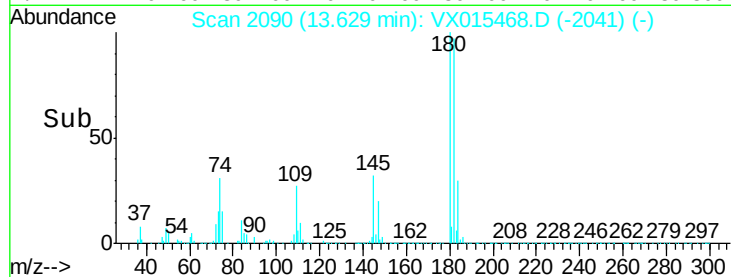
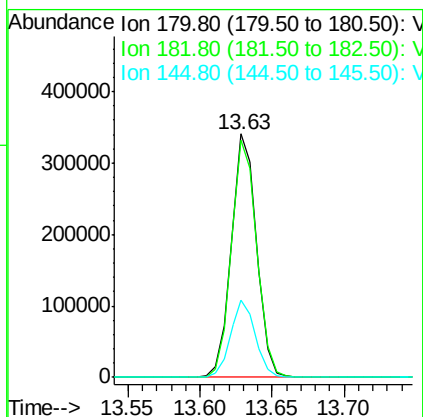
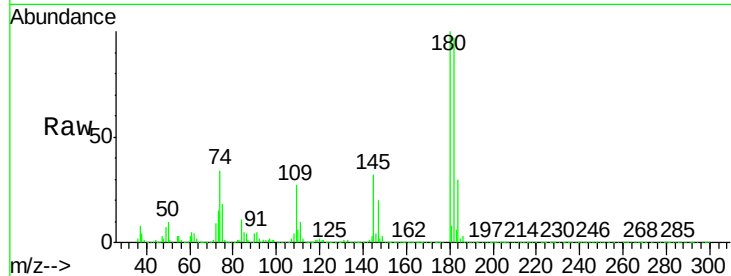




#93
 1,2,4-Trichlorobenzene
 Concen: 19.660 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015468.D
 Acq: 01 Apr 2020 16:08

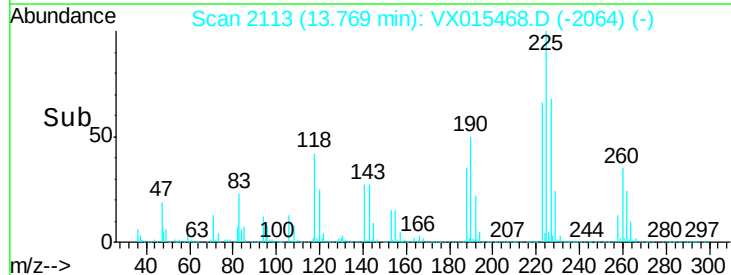
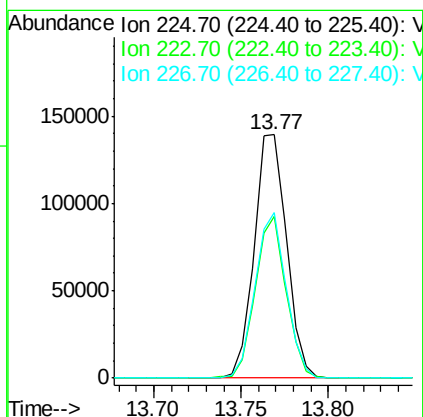
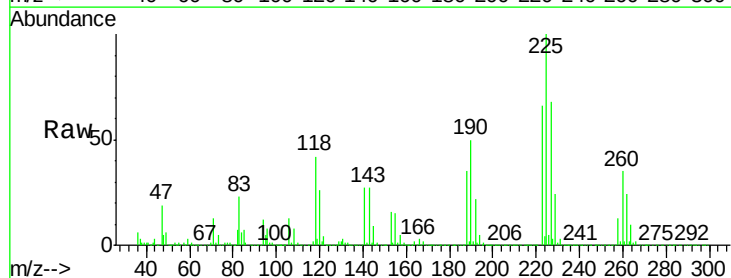
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401MBSD01

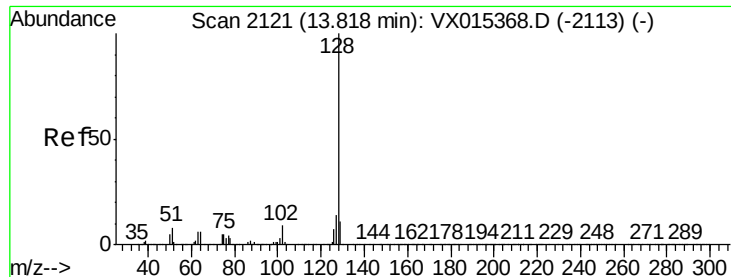
Tot Ion	Ratio	Lower	Upper
180	100		
182	98.1	46.9	140.7
145	31.0	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 17.561 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015468.D
 Acq: 01 Apr 2020 16:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.9	95.7
227	65.9	30.4	91.3

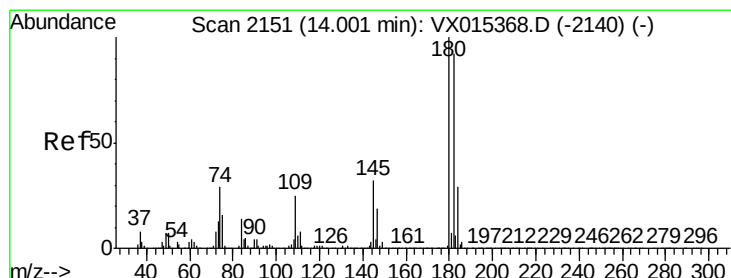
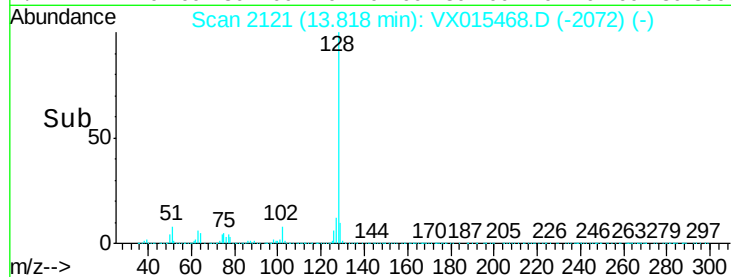
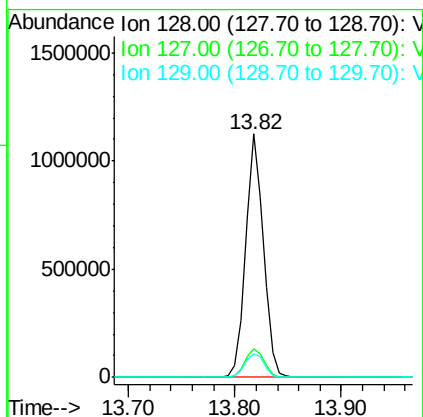
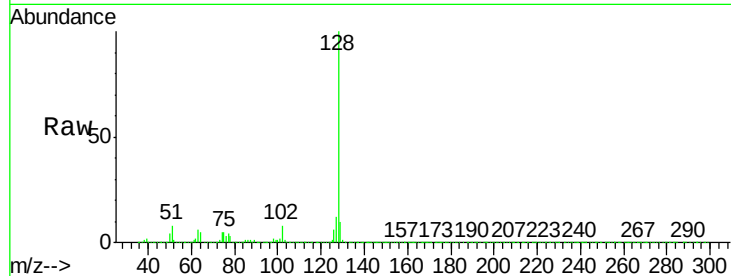




#95
Naphthalene
Concen: 20.197 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015468.D
Acq: 01 Apr 2020 16:08

Instrument :
MSVOA_X
ClientSampleId :
VX0401MBSD01

Tot Ion:128 Resp: 1316714
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.572 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015468.D
Acq: 01 Apr 2020 16:08

Tgt Ion:180 Resp: 423316
Ion Ratio Lower Upper
180 100
182 93.7 46.7 140.0
145 32.2 15.8 47.3

