

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042120\
 Data File : VX015814.D
 Acq On : 21 Apr 2020 23:49
 Operator : JC/SP
 Sample : VX0421WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD02

Quant Time: Apr 22 04:24:17 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	5.64	168	904968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1395841	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1294677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	682341	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	554119	43.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.82%	
35) Dibromofluoromethane	5.47	113	441687	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
50) Toluene-d8	8.70	98	1693289	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
62) 4-Bromofluorobenzene	11.12	95	674823	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	101637	12.748	ug/l	98
3) Chloromethane	1.31	50	127265	12.534	ug/l	97
4) Vinyl Chloride	1.39	62	151502	16.250	ug/l	98
5) Bromomethane	1.64	94	67533	9.098	ug/l	90
6) Chloroethane	1.72	64	95750	16.559	ug/l	99
7) Trichlorofluoromethane	1.92	101	213226	17.054	ug/l	96
8) Diethyl Ether	2.17	74	90222	17.108	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	141771	17.393	ug/l	96
10) Methyl Iodide	2.50	142	176237	16.037	ug/l	98
11) Tert butyl alcohol	3.01	59	212901	69.689	ug/l	100
12) 1,1-Dichloroethene	2.36	96	150406	17.604	ug/l	92
13) Acrolein	2.28	56	185602	106.650	ug/l	99
14) Allyl chloride	2.71	41	319539	16.006	ug/l	97
15) Acrylonitrile	3.12	53	522156	89.623	ug/l	98
16) Acetone	2.42	43	477202	87.025	ug/l	96
17) Carbon Disulfide	2.56	76	391822	15.033	ug/l	99
18) Methyl Acetate	2.75	43	279194	19.949	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	595408	17.968	ug/l	99
20) Methylene Chloride	2.84	84	177016	17.283	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	166234	17.531	ug/l	95
22) Diisopropyl ether	3.83	45	639575	18.080	ug/l #	86
23) Vinyl Acetate	3.79	43	2746326	85.746	ug/l	99
24) 1,1-Dichloroethane	3.67	63	321694	17.272	ug/l	98
25) 2-Butanone	4.64	43	740116	83.926	ug/l	99
26) 2,2-Dichloropropane	4.56	77	238629	15.609	ug/l	95
27) cis-1,2-Dichloroethene	4.57	96	197412	17.995	ug/l	95
28) Bromochloromethane	4.98	49	155184	17.451	ug/l	94
29) Tetrahydrofuran	5.10	42	481735	84.973	ug/l	97
30) Chloroform	5.19	83	318654	17.783	ug/l	97
31) Cyclohexane	5.56	56	273947	16.955	ug/l	95
32) 1,1,1-Trichloroethane	5.47	97	286616	17.674	ug/l	97
36) 1,1-Dichloropropene	5.78	75	228182	17.742	ug/l	97
37) Ethyl Acetate	4.80	43	285845	17.069	ug/l	98
38) Carbon Tetrachloride	5.76	117	229410	16.469	ug/l	97

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 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	272279	18.361	ug/l	94
40) Benzene	6.12	78	710754	18.866	ug/l	96
41) Methacrylonitrile	5.01	41	170256	18.315	ug/l	98
42) 1,2-Dichloroethane	6.17	62	260762	17.232	ug/l	96
43) Isopropyl Acetate	6.42	43	499817	17.681	ug/l	97
44) Trichloroethene	7.19	130	249490	24.282	ug/l	93
45) 1,2-Dichloropropane	7.50	63	192018	18.632	ug/l	100
46) Dibromomethane	7.64	93	126641	18.732	ug/l	92
47) Bromodichloromethane	7.88	83	261926	18.183	ug/l	97
48) Methyl methacrylate	7.75	41	246165	17.434	ug/l	93
49) 1,4-Dioxane	7.72	88	83373	316.513	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	1495663	93.358	ug/l	98
52) Toluene	8.77	92	458439	19.737	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	304658	18.033	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	314401	18.268	ug/l	91
55) 1,1,2-Trichloroethane	9.20	97	189651	19.929	ug/l	94
56) Ethyl methacrylate	9.16	69	321603	19.176	ug/l	96
57) 1,3-Dichloropropane	9.36	76	322374	18.803	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	765321	93.818	ug/l	98
59) 2-Hexanone	9.48	43	1128444	93.296	ug/l	97
60) Dibromochloromethane	9.57	129	207309	18.129	ug/l	100
61) 1,2-Dibromoethane	9.65	107	198410	19.175	ug/l	100
64) Tetrachloroethene	9.32	164	345911	35.403	ug/l	94
65) Chlorobenzene	10.12	112	503344	19.495	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	194568	18.862	ug/l	98
67) Ethyl Benzene	10.24	91	878532	19.185	ug/l	98
68) m/p-Xylenes	10.34	106	677857	39.752	ug/l	94
69) o-Xylene	10.68	106	331239	19.658	ug/l	97
70) Styrene	10.70	104	576825	19.454	ug/l	98
71) Bromoform	10.84	173	146776	15.631	ug/l #	93
73) Isopropylbenzene	11.00	105	883051	19.751	ug/l	98
74) N-amyl acetate	10.88	43	457962	18.417	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	188033	12.257	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	340307	24.253	ug/l	83
77) Bromobenzene	11.24	156	235290	19.730	ug/l	95
78) n-propylbenzene	11.34	91	985711	19.281	ug/l	100
79) 2-Chlorotoluene	11.40	91	592073	18.895	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	736796	19.297	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	100772	17.232	ug/l	94
82) 4-Chlorotoluene	11.50	91	704707	19.184	ug/l	99
83) tert-Butylbenzene	11.76	119	647062	17.349	ug/l	93
84) 1,2,4-Trimethylbenzene	11.79	105	747022	19.199	ug/l	99
85) sec-Butylbenzene	11.93	105	838368	19.436	ug/l	99
86) p-Isopropyltoluene	12.05	119	810190	20.233	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	422551	19.793	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	425259	19.556	ug/l	98
89) n-Butylbenzene	12.37	91	681040	18.820	ug/l	98
90) Hexachloroethane	12.58	117	75595	9.699	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	419550	20.081	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	65724	15.179	ug/l	89

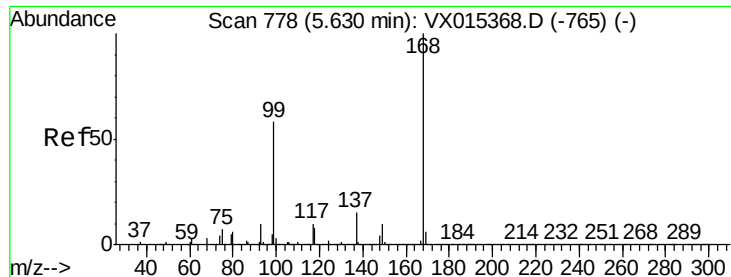
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042120\
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Instrument :
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Quant Time: Apr 22 04:24:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : 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	329078	19.913	ug/l	99
94) Hexachlorobutadiene	13.77	225	139837	17.772	ug/l	96
95) Naphthalene	13.82	128	965717	19.157	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	317585	19.960	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

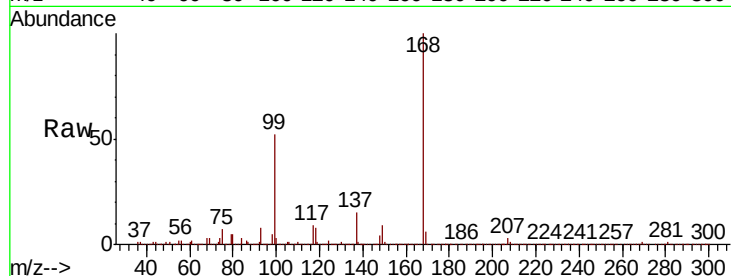
VX0421WBSD02

Tot Ion:168 Resp: 904968

Ion Ratio Lower Upper

168 100

99 51.4 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

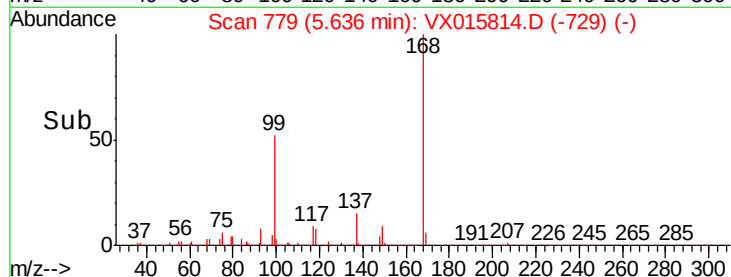
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200000

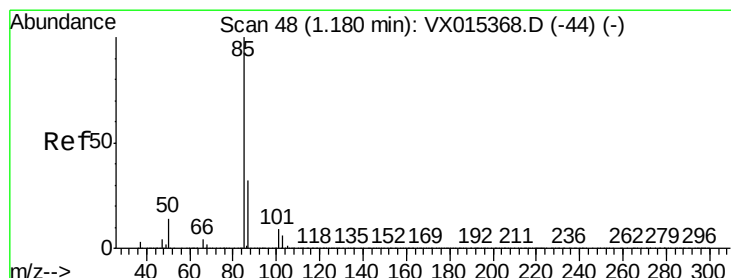
100000

0

5.50 5.60 5.70 5.80



Time-->



#2

Dichlorodifluoromethane

Concen: 12.748 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015814.D

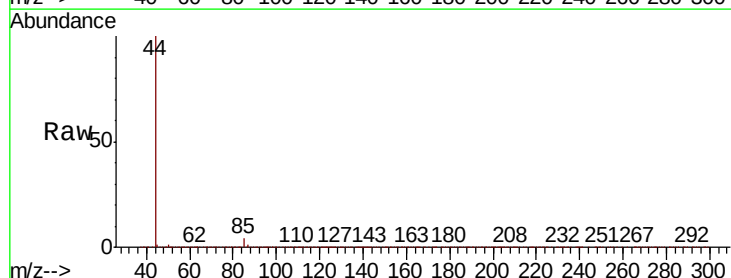
Acq: 21 Apr 2020 23:49

Tgt Ion: 85 Resp: 101637

Ion Ratio Lower Upper

85 100

87 33.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

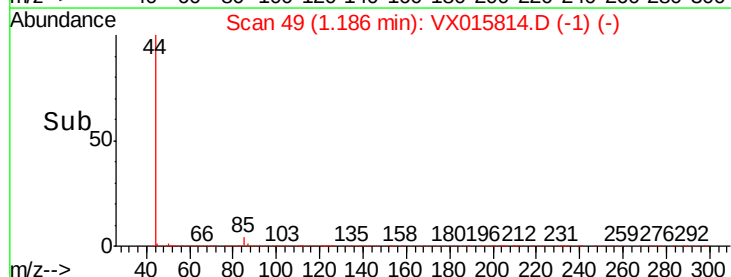
1.19

100000

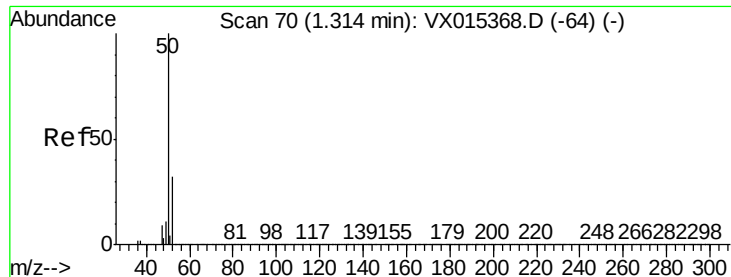
50000

0

1.15 1.20 1.25



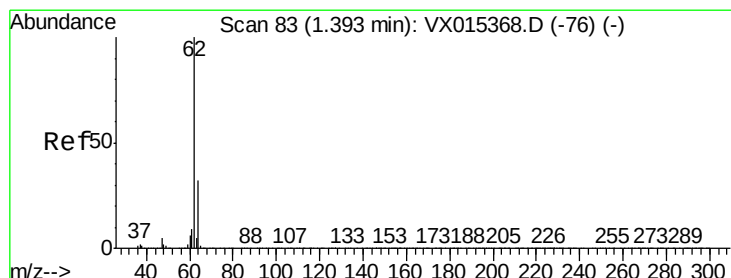
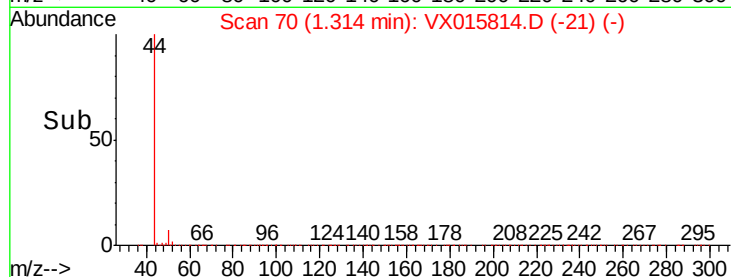
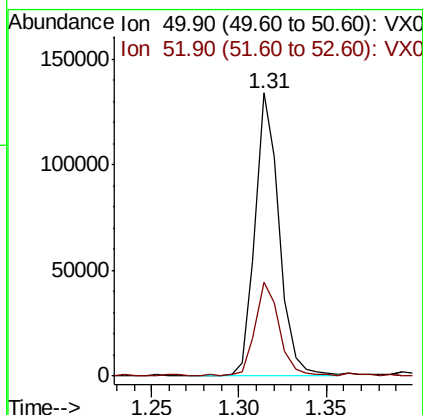
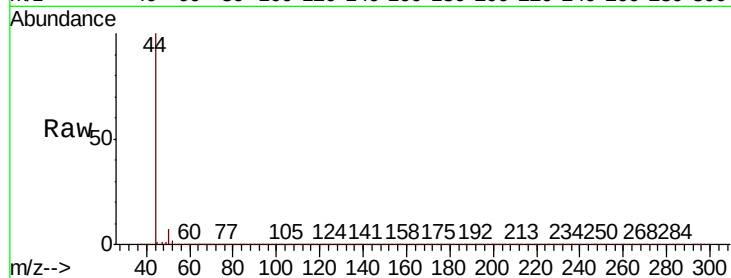
Time-->



#3
Chloromethane
Concen: 12.534 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

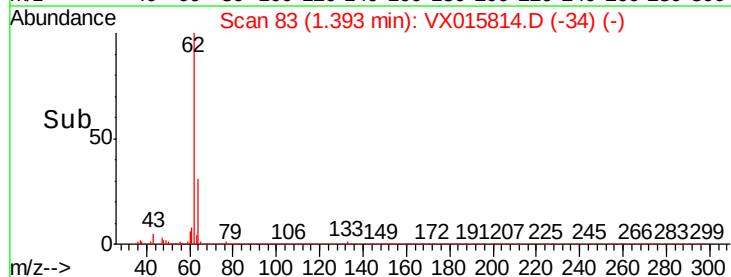
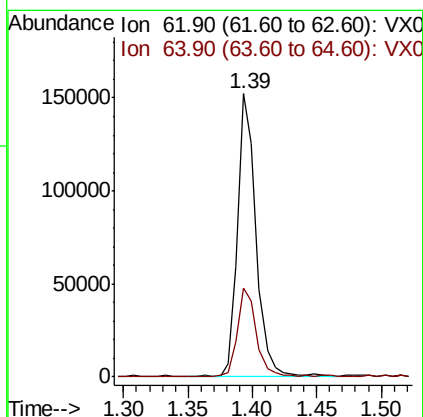
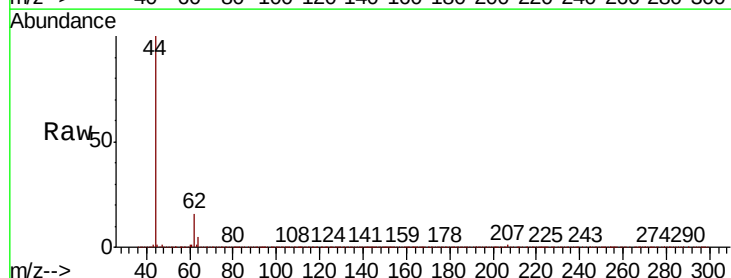
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD02

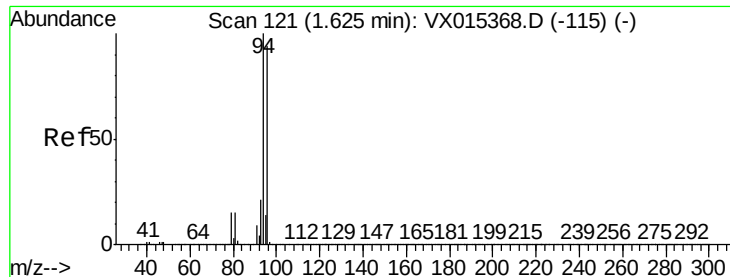
Tot Ion: 50 Resp: 127265
Ion Ratio Lower Upper
50 100
52 33.2 25.3 37.9



#4
Vinyl Chloride
Concen: 16.250 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Tgt Ion: 62 Resp: 151502
Ion Ratio Lower Upper
62 100
64 31.2 26.0 39.0





#5

Bromomethane

Concen: 9.098 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

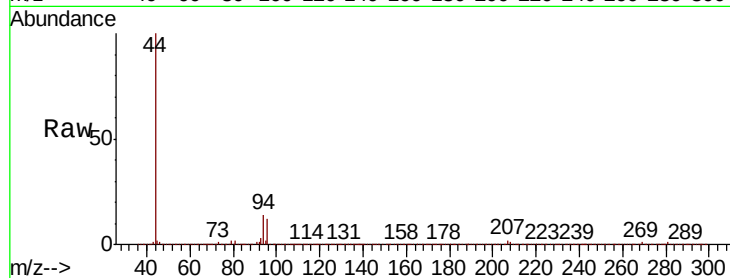
VX0421WBSD02

Tot Ion: 94 Resp: 67533

Ion Ratio Lower Upper

94 100

96 84.2 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

60000

50000

40000

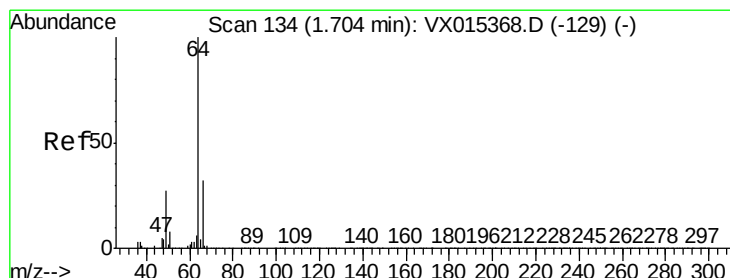
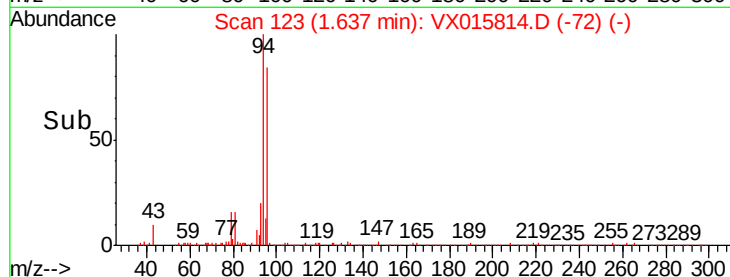
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 16.559 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX015814.D

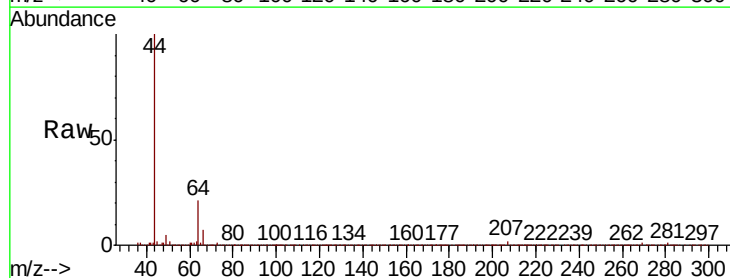
Acq: 21 Apr 2020 23:49

Tgt Ion: 64 Resp: 95750

Ion Ratio Lower Upper

64 100

66 32.1 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

80000

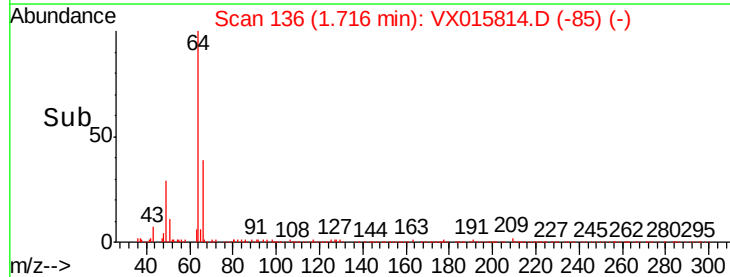
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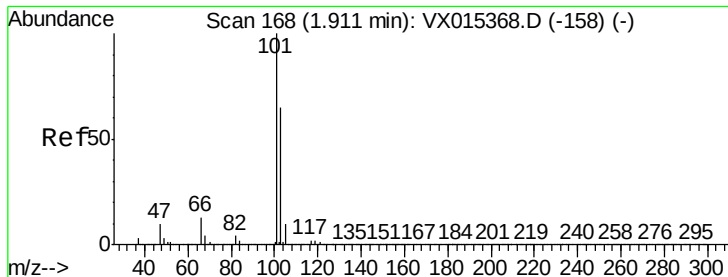
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20000

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Time-->



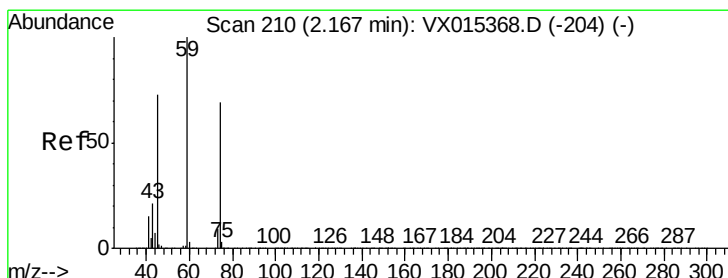
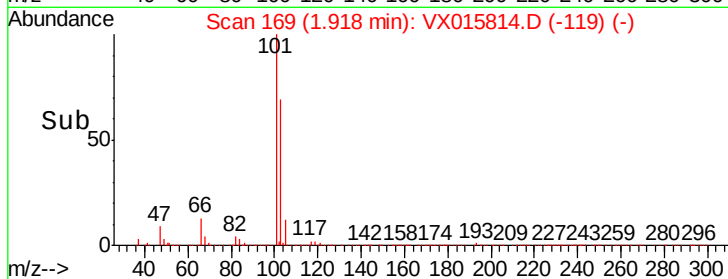
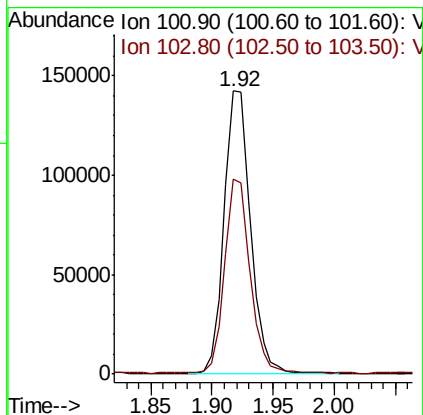
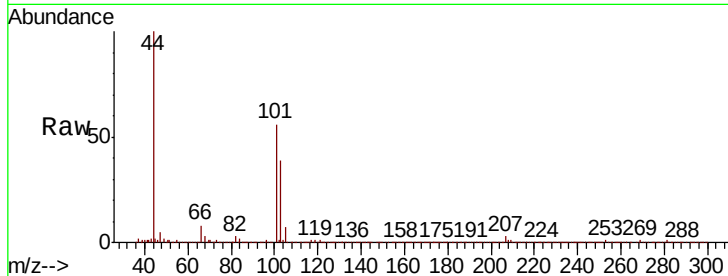


#7

Trichlorofluoromethane
Concen: 17.054 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD02

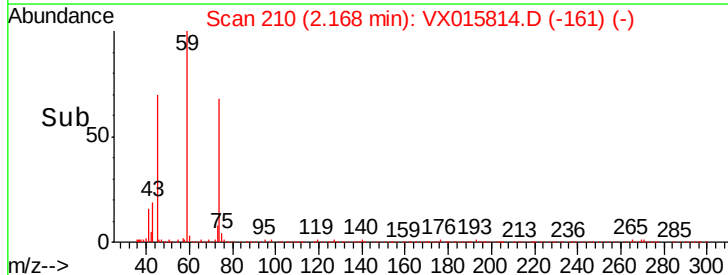
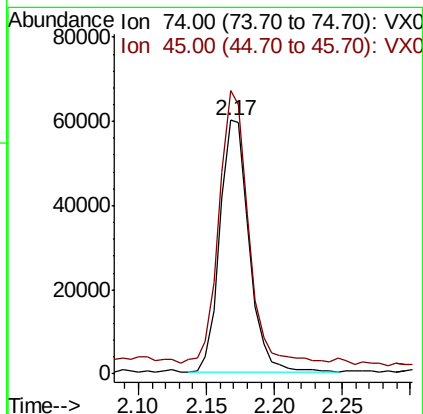
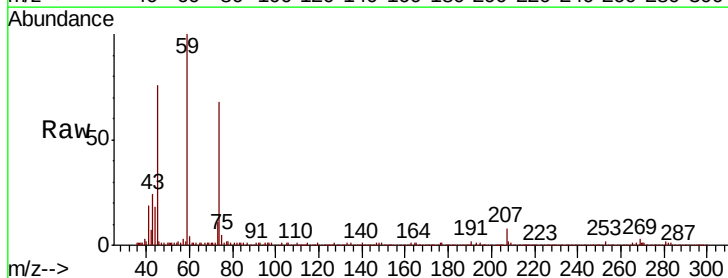
Tot Ion:101 Resp: 213226
Ion Ratio Lower Upper
101 100
103 68.3 52.3 78.5

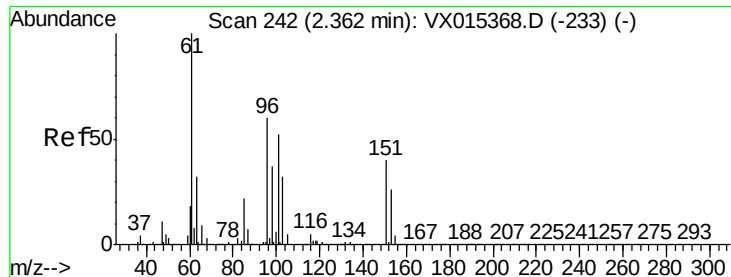


#8

Diethyl Ether
Concen: 17.108 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Tgt Ion: 74 Resp: 90222
Ion Ratio Lower Upper
74 100
45 106.4 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.393 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD02

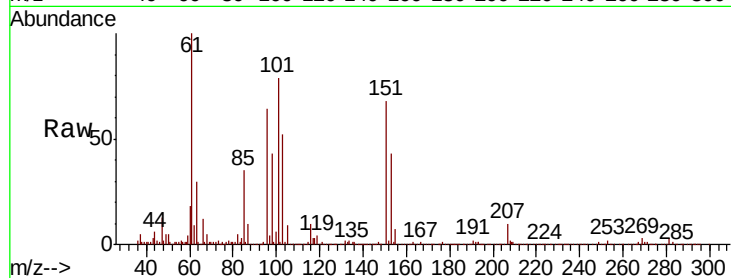
Tot Ion:101 Resp: 141771

Ion Ratio Lower Upper

101 100

85 42.4 35.0 52.4

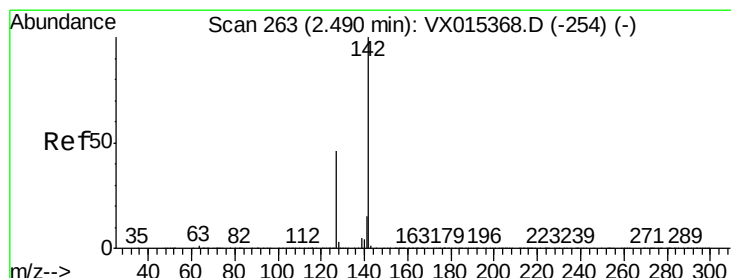
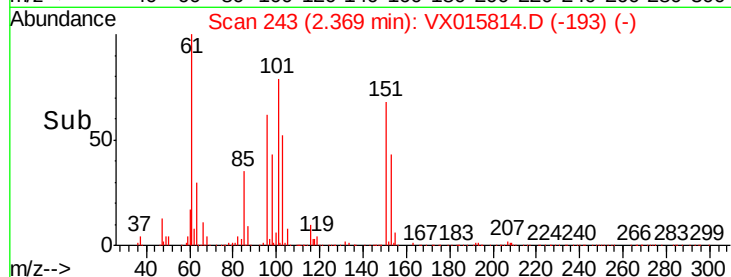
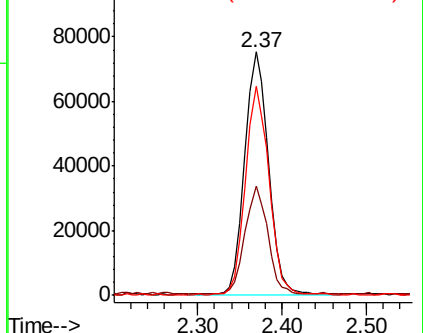
151 85.1 64.1 96.1



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: 16.037 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.01 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

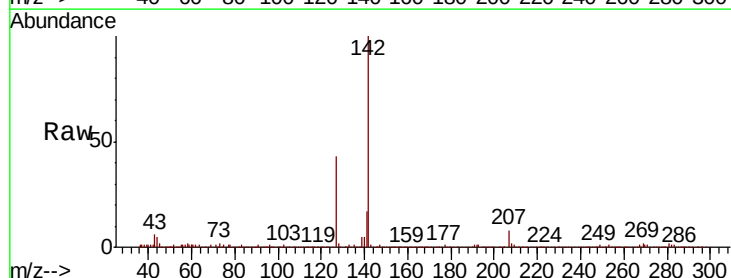
Tgt Ion:142 Resp: 176237

Ion Ratio Lower Upper

142 100

127 44.3 35.9 53.9

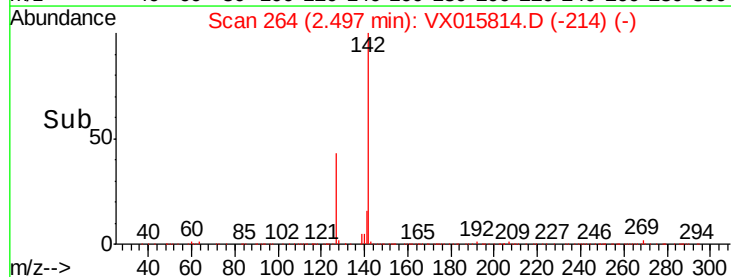
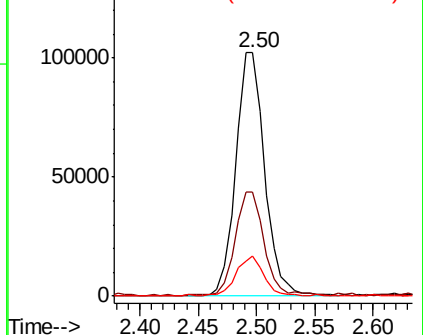
141 15.8 11.6 17.4

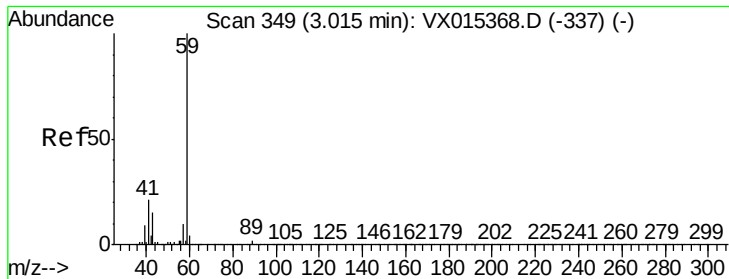


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

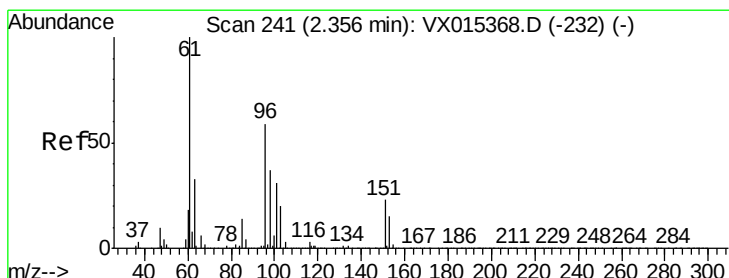
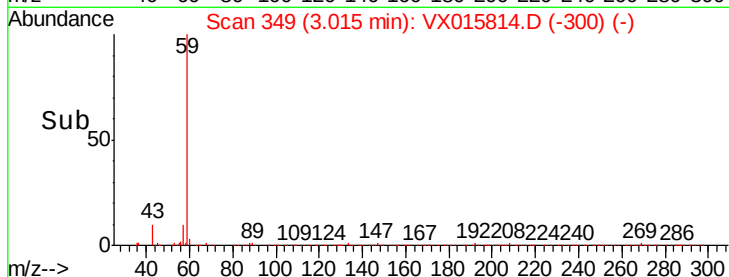
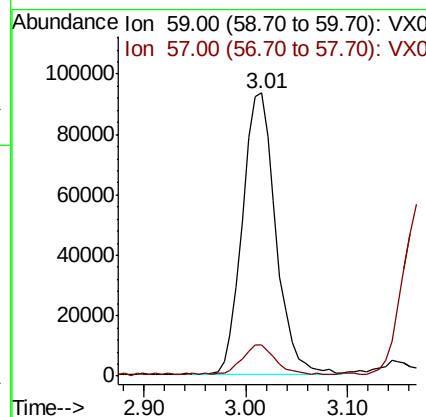
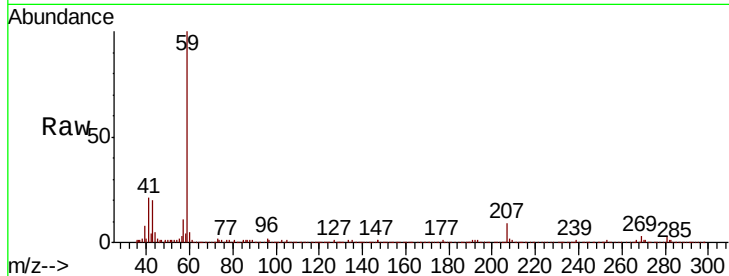




#11
Tert butyl alcohol
Concen: 69.689 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

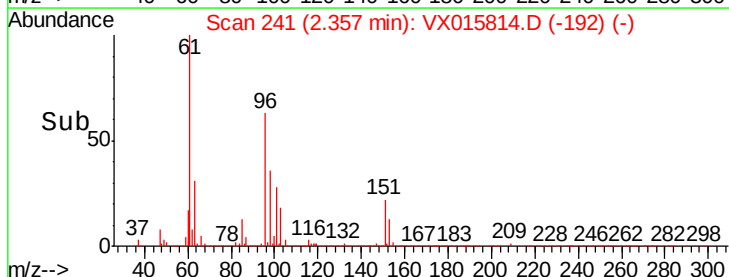
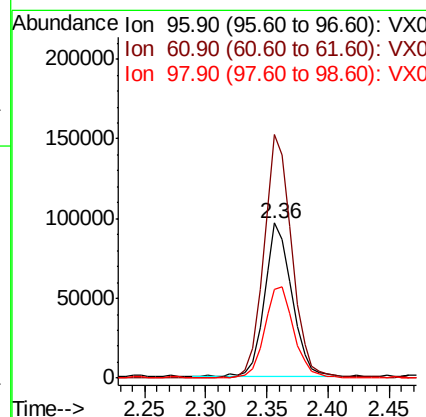
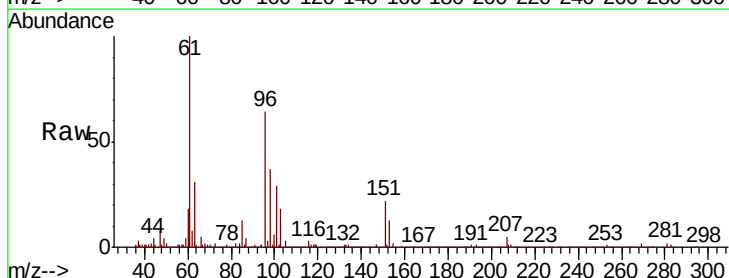
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD02

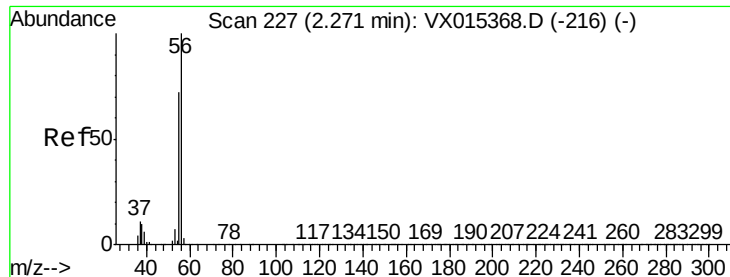
Tot Ion: 59 Resp: 212901
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1



#12
1,1-Dichloroethene
Concen: 17.604 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Tgt Ion: 96 Resp: 150406
Ion Ratio Lower Upper
96 100
61 158.3 135.7 203.5
98 57.7 50.6 75.8





#13

Acrolein

Concen: 106.650 ug/l

RT: 2.28 min Scan# 228

Delta R.T. 0.01 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

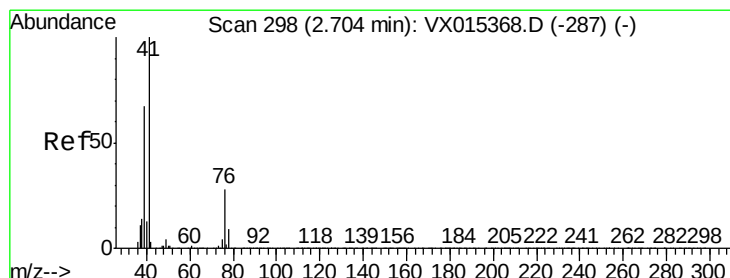
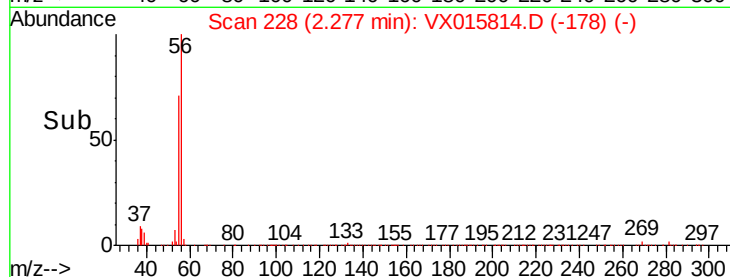
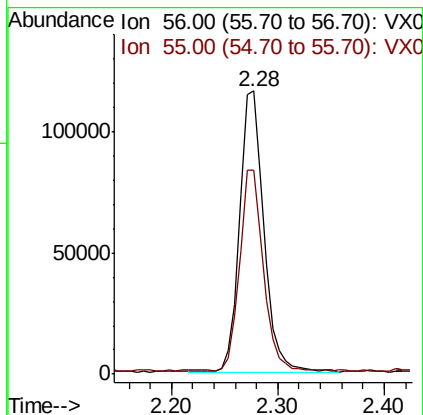
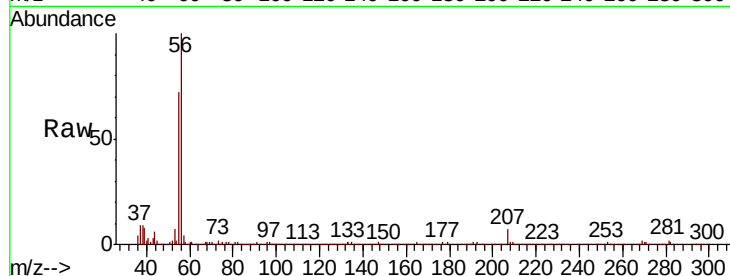
VX0421WBSD02

Tot Ion: 56 Resp: 185602

Ion Ratio Lower Upper

56 100

55 70.4 57.0 85.4



#14

Allyl chloride

Concen: 16.006 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

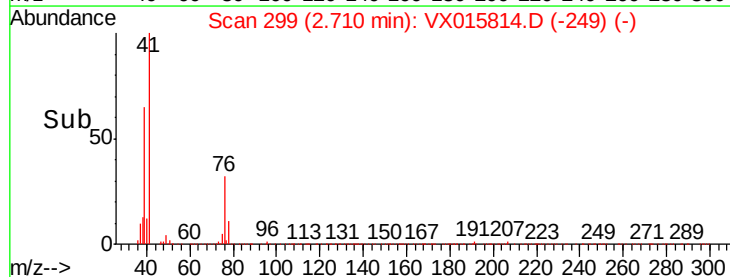
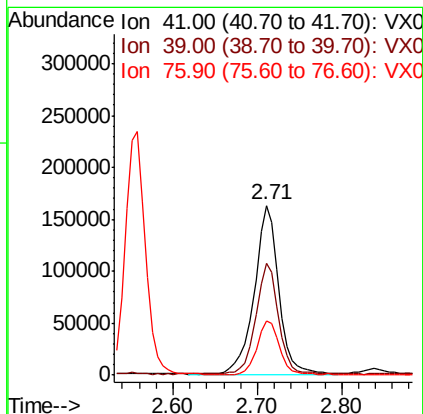
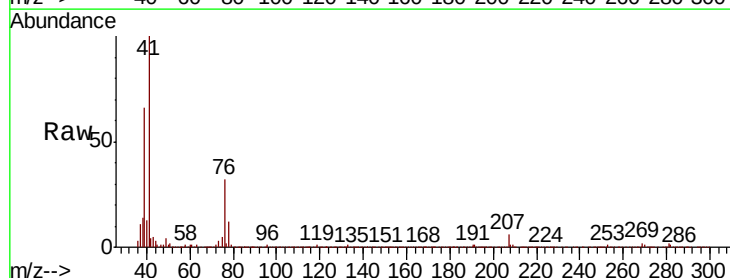
Tgt Ion: 41 Resp: 319539

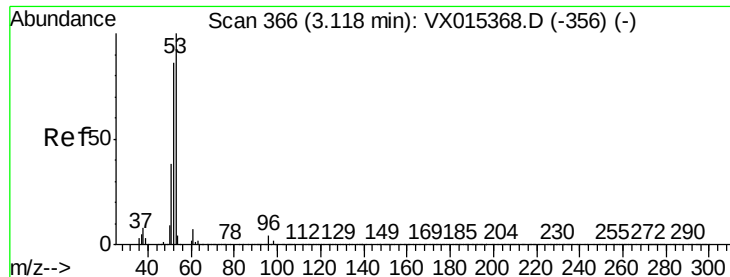
Ion Ratio Lower Upper

41 100

39 61.5 51.4 77.0

76 28.8 21.8 32.8





#15

Acrylonitrile

Concen: 89.623 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD02

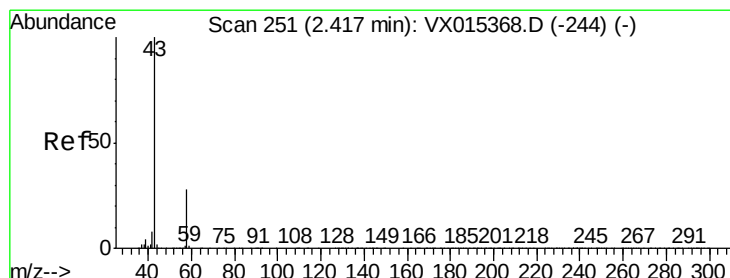
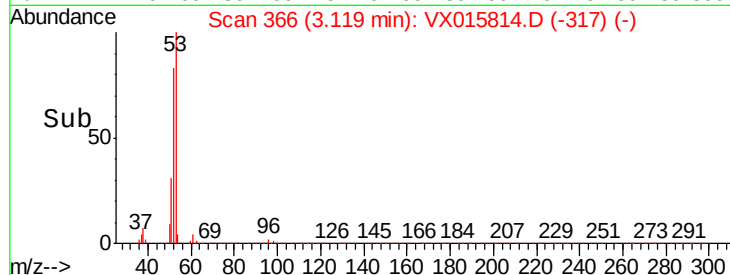
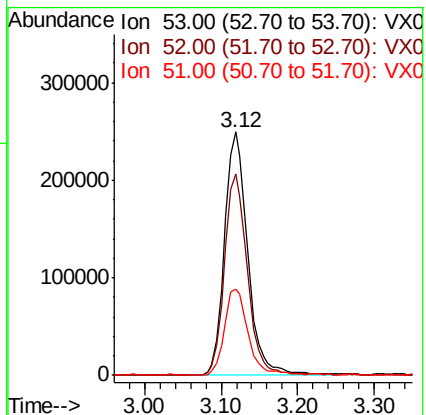
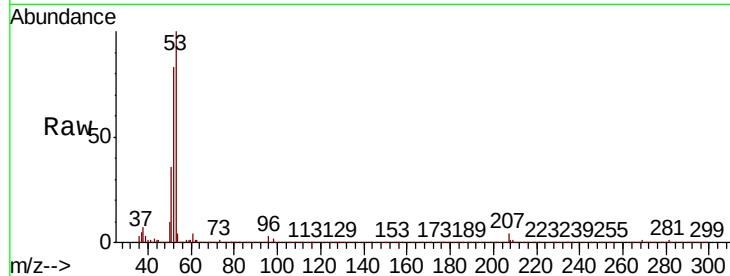
Tot Ion: 53 Resp: 522156

Ion Ratio Lower Upper

53 100

52 81.6 66.8 100.2

51 36.2 29.5 44.3



#16

Acetone

Concen: 87.025 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015814.D

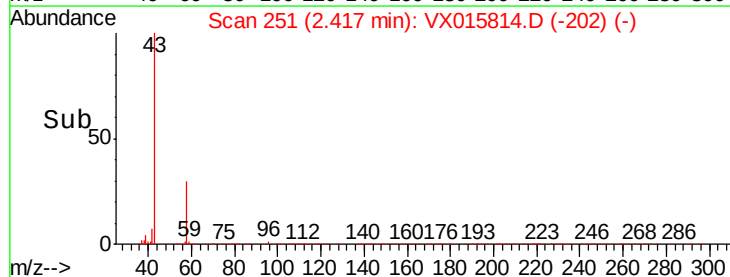
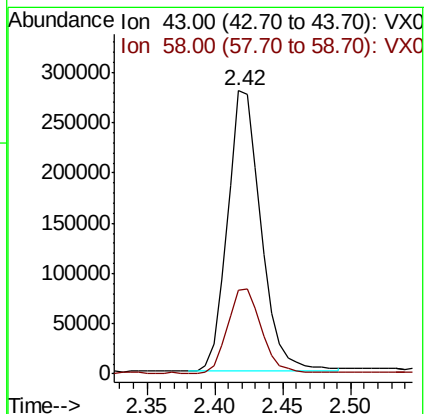
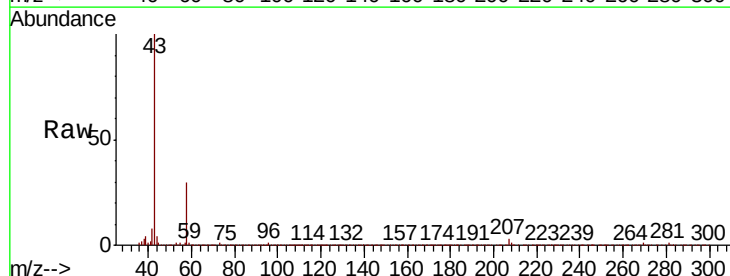
Acq: 21 Apr 2020 23:49

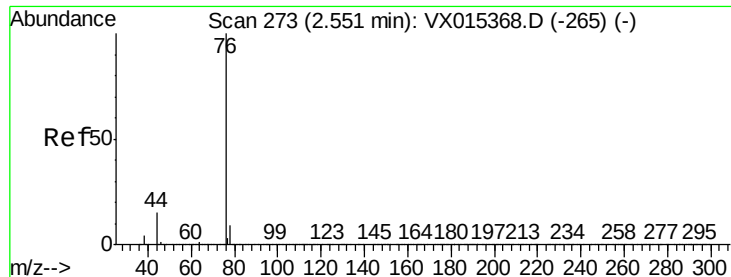
Tgt Ion: 43 Resp: 477202

Ion Ratio Lower Upper

43 100

58 29.7 22.1 33.1





#17

Carbon Disulfide

Concen: 15.033 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.01 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

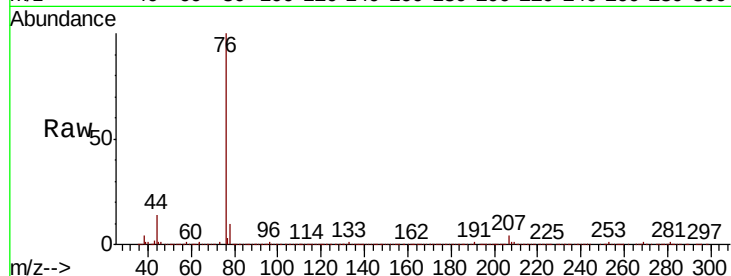
VX0421WBSD02

Tot Ion: 76 Resp: 391822

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

100000

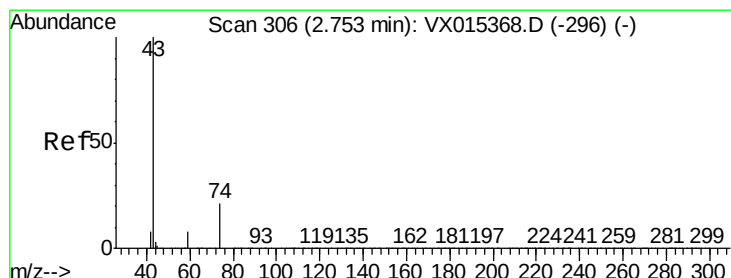
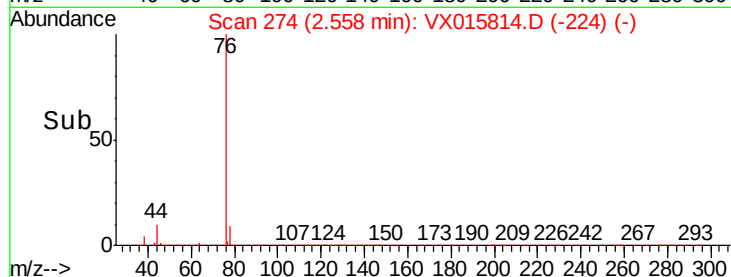
50000

0

2.56

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 19.949 ug/l

RT: 2.75 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX015814.D

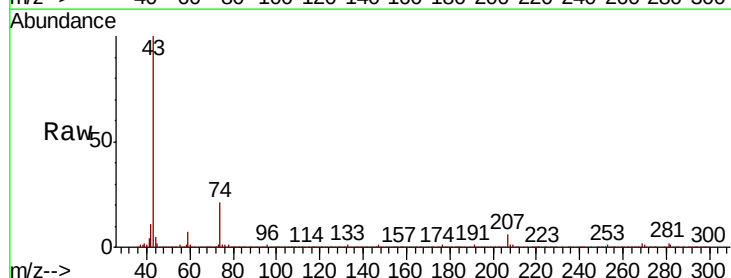
Acq: 21 Apr 2020 23:49

Tgt Ion: 43 Resp: 279194

Ion Ratio Lower Upper

43 100

74 21.8 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

150000

100000

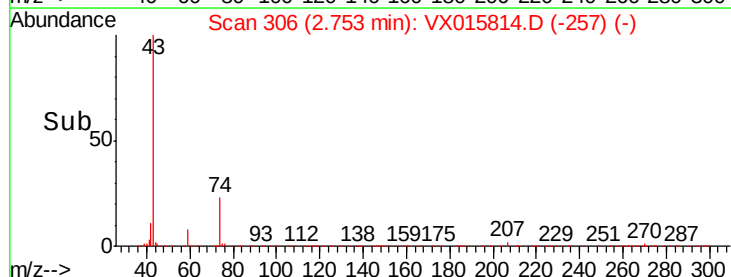
50000

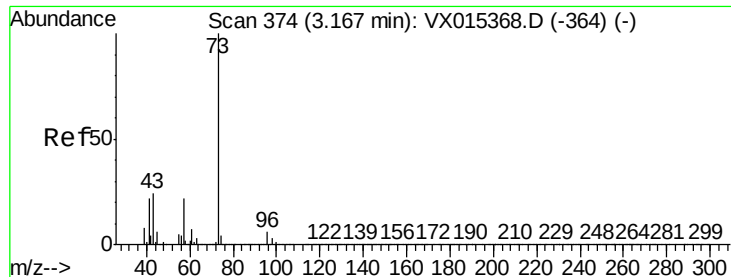
0

2.75

2.70 2.75 2.80 2.85

Time-->





#19

Methyl tert-butyl Ether

Concen: 17.968 ug/l

RT: 3.17 min Scan# 374

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

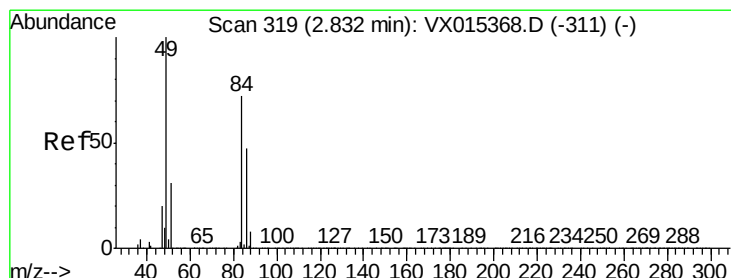
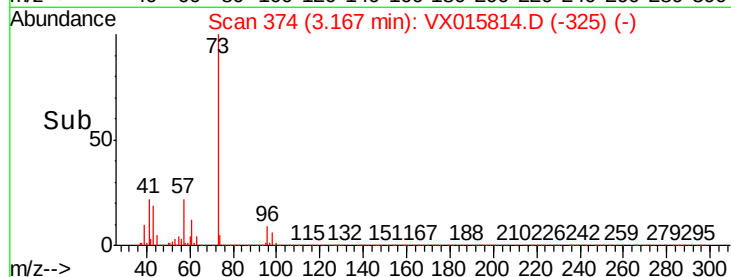
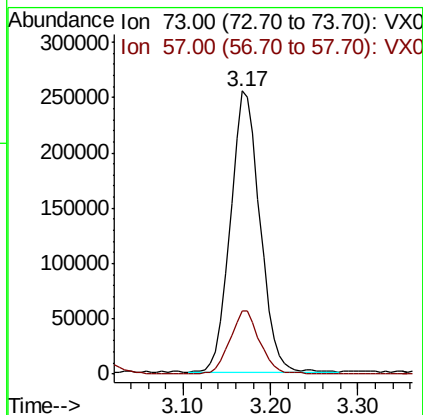
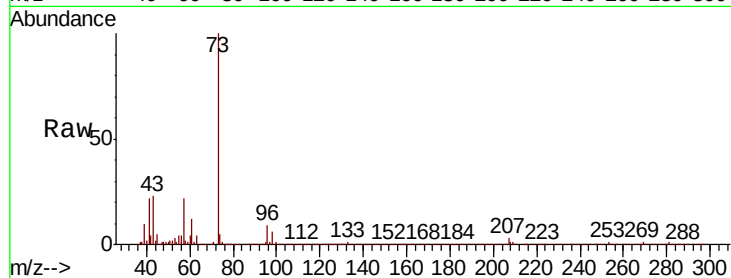
VX0421WBSD02

Tot Ion: 73 Resp: 595408

Ion Ratio Lower Upper

73 100

57 22.1 17.9 26.9



#20

Methylene Chloride

Concen: 17.283 ug/l

RT: 2.84 min Scan# 320

Delta R.T. 0.01 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Tgt Ion: 84 Resp: 177016

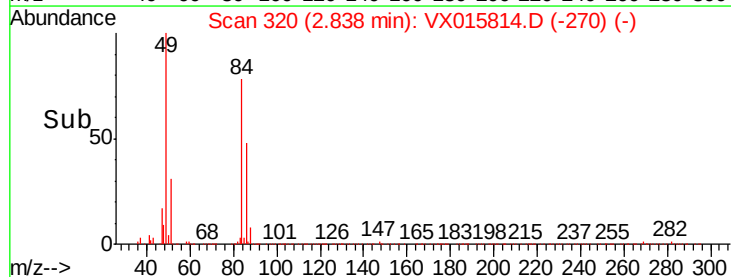
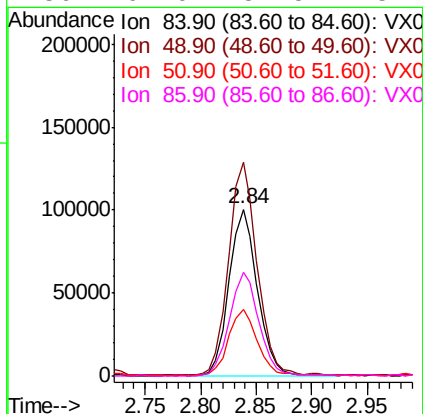
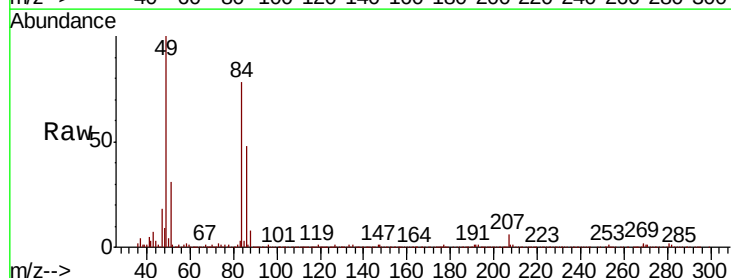
Ion Ratio Lower Upper

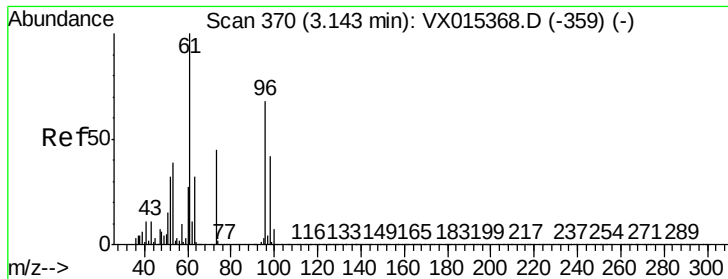
84 100

49 128.1 111.3 166.9

51 39.9 34.0 51.0

86 62.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 17.531 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.01 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD02

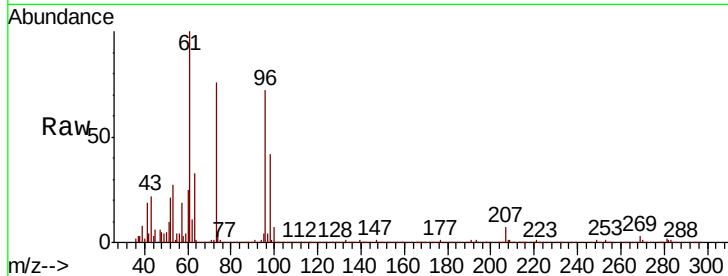
Tot Ion: 96 Resp: 166234

Ion Ratio Lower Upper

96 100

61 139.0 116.9 175.3

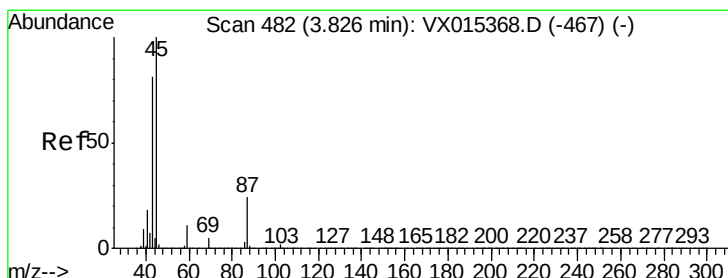
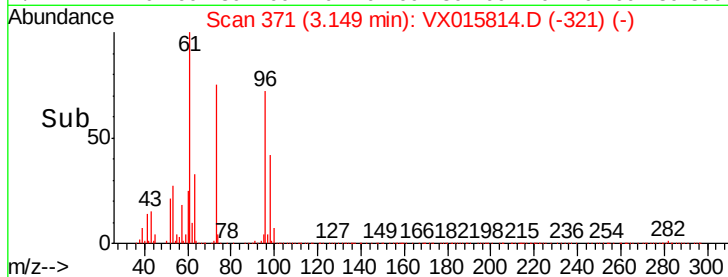
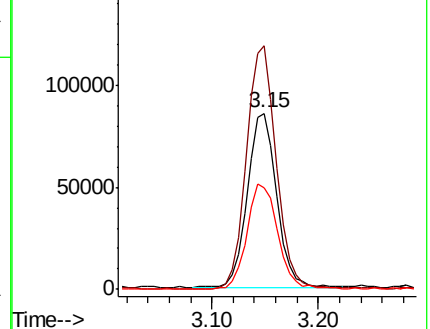
98 57.5 48.6 73.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.080 ug/l

RT: 3.83 min Scan# 483

Delta R.T. 0.01 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Tgt Ion: 45 Resp: 639575

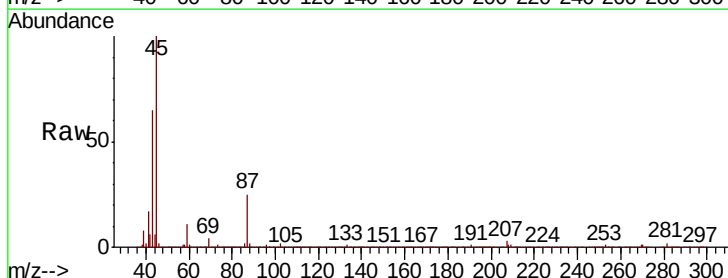
Ion Ratio Lower Upper

45 100

43 64.3 64.7 97.1#

87 25.2 19.4 29.0

59 11.2 8.7 13.1

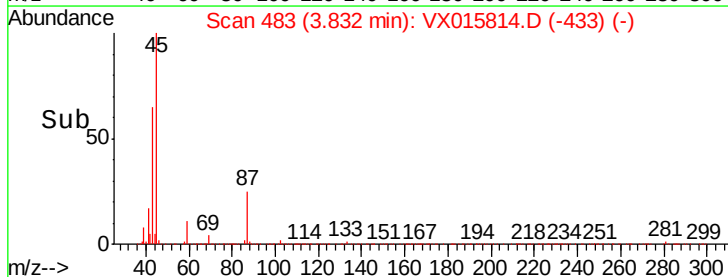
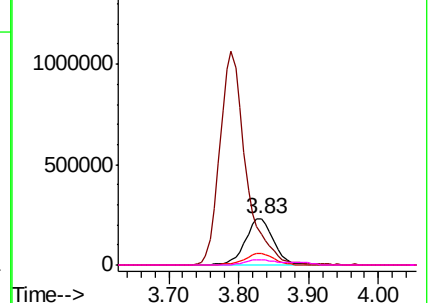


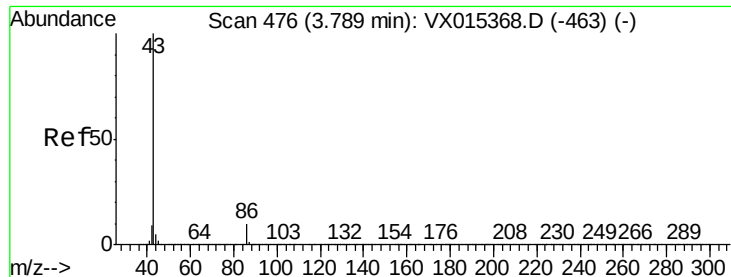
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 85.746 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

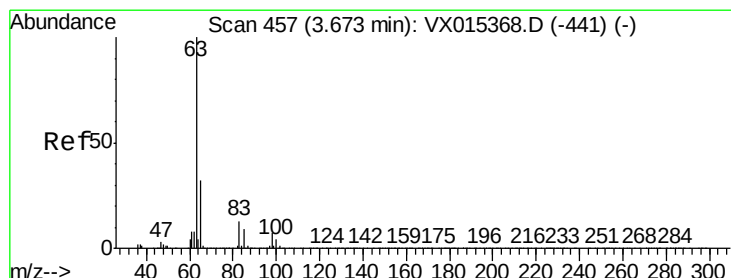
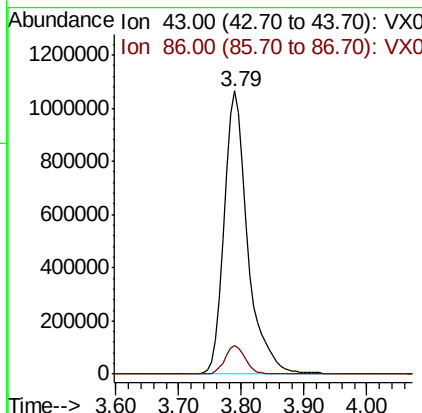
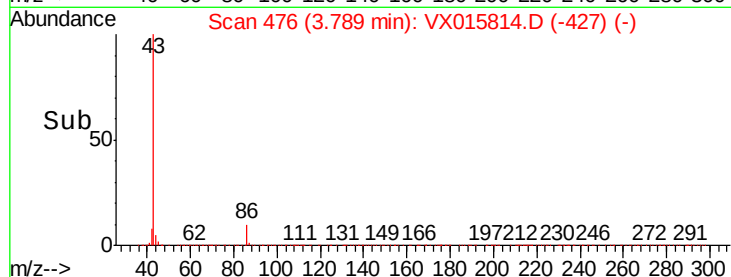
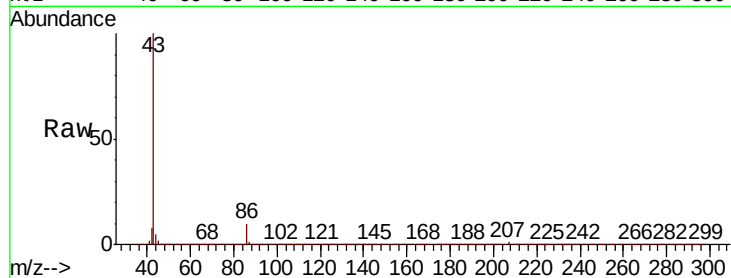
VX0421WBSD02

Tot Ion: 43 Resp: 2746326

Ion Ratio Lower Upper

43 100

86 10.1 7.8 11.6



#24

1,1-Dichloroethane

Concen: 17.272 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

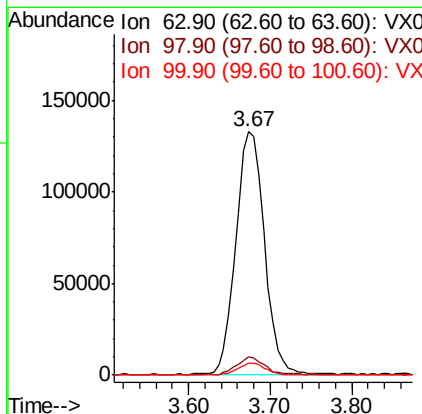
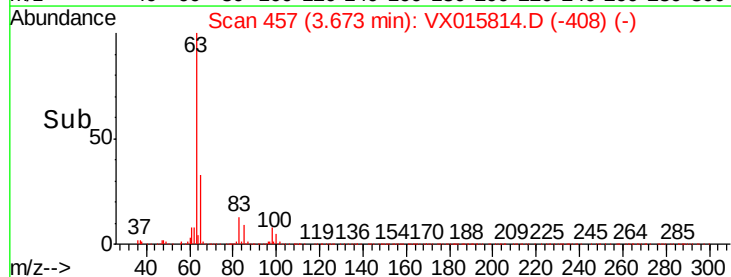
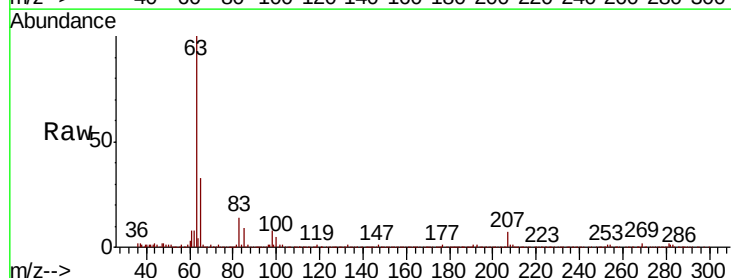
Tgt Ion: 63 Resp: 321694

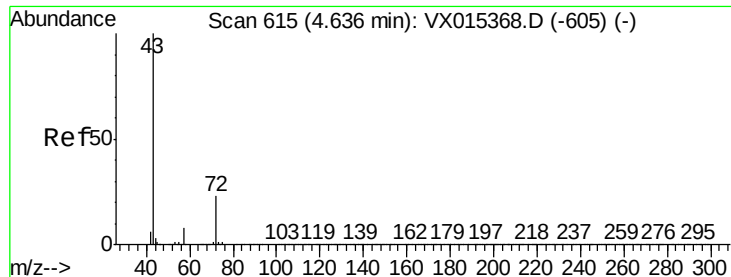
Ion Ratio Lower Upper

63 100

98 7.6 3.3 9.8

100 4.6 2.1 6.5





#25

2-Butanone

Concen: 83.926 ug/l

RT: 4.64 min Scan# 616

Delta R.T. 0.01 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

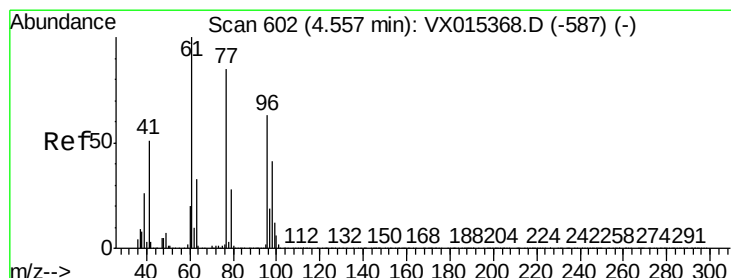
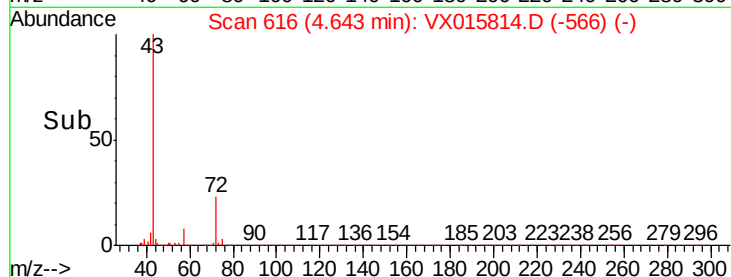
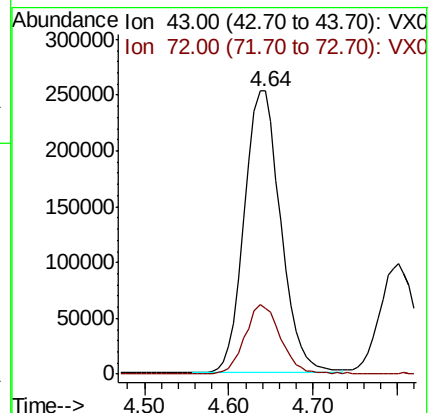
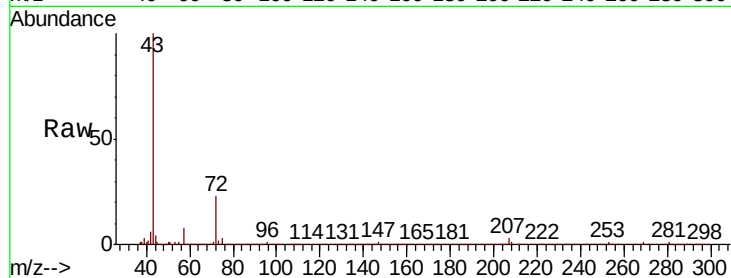
VX0421WBSD02

Tot Ion: 43 Resp: 740116

Ion Ratio Lower Upper

43 100

72 23.2 19.0 28.4



#26

2,2-Dichloropropane

Concen: 15.609 ug/l

RT: 4.56 min Scan# 603

Delta R.T. 0.01 min

Lab File: VX015814.D

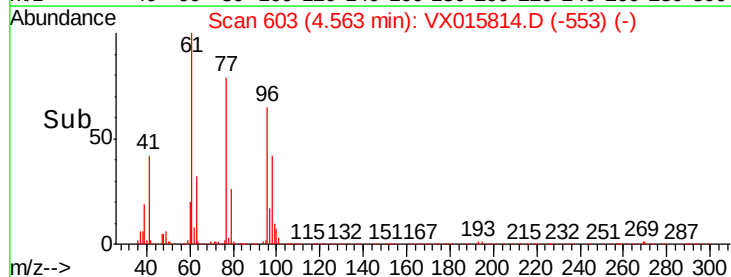
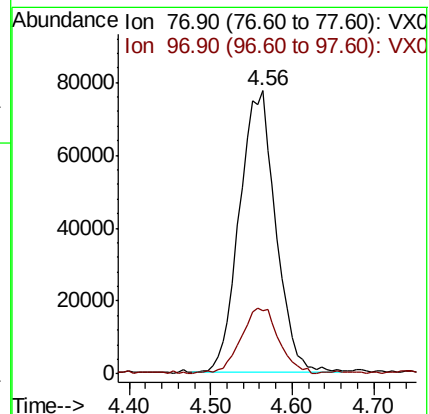
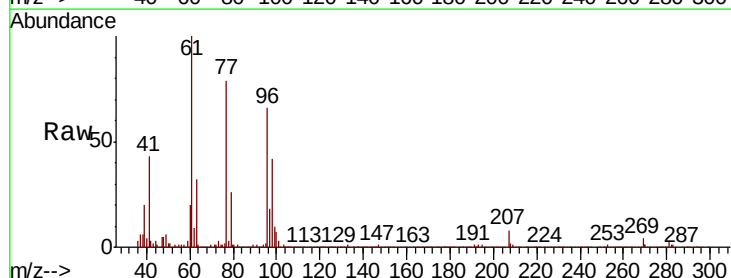
Acq: 21 Apr 2020 23:49

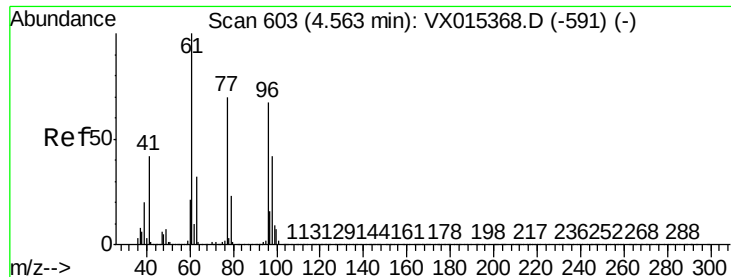
Tgt Ion: 77 Resp: 238629

Ion Ratio Lower Upper

77 100

97 24.7 11.3 33.8



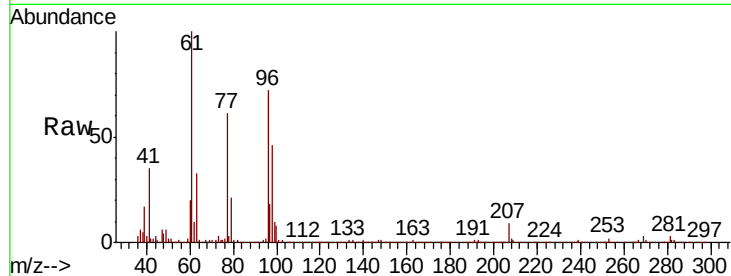


#27

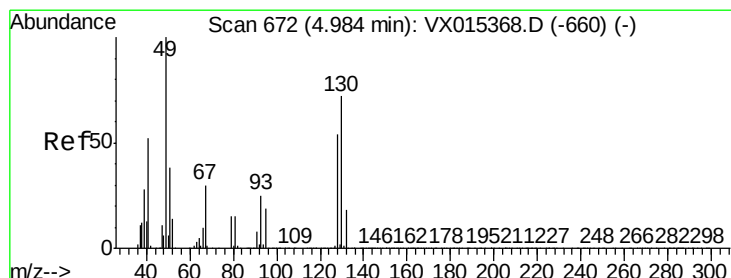
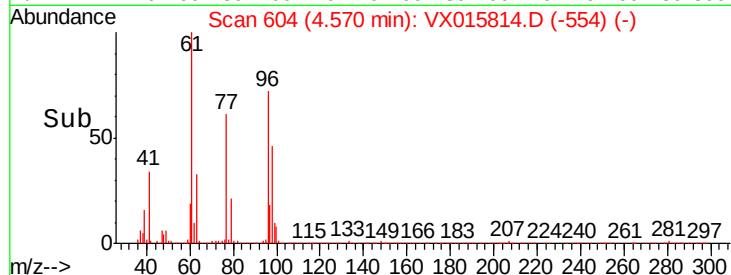
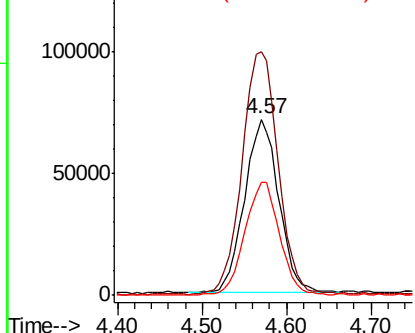
cis-1,2-Dichloroethene
 Concen: 17.995 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: VX015814.D
 Acq: 21 Apr 2020 23:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.2	0.0	308.4
98	65.8	0.0	129.2



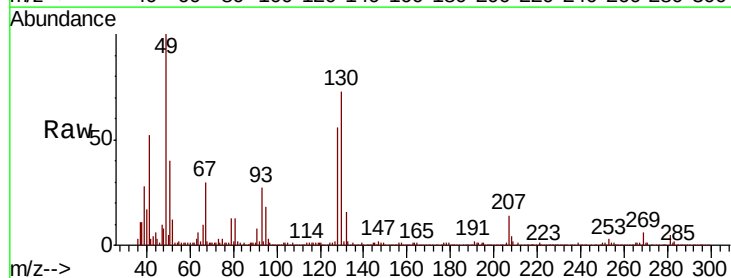
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



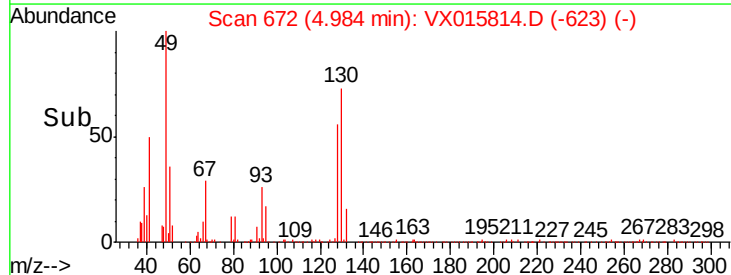
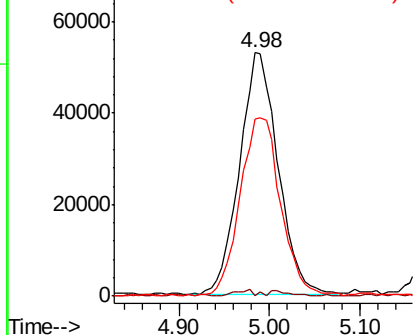
#28

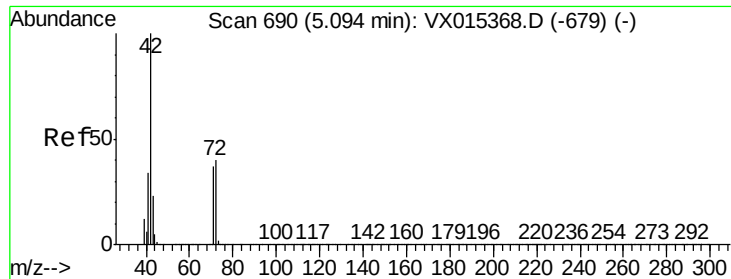
Bromochloromethane
 Concen: 17.451 ug/l
 RT: 4.98 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: VX015814.D
 Acq: 21 Apr 2020 23:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.4
130	77.3	57.7	86.5



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





#29

Tetrahydrofuran

Concen: 84.973 ug/l

RT: 5.10 min Scan# 691

Delta R.T. 0.01 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD02

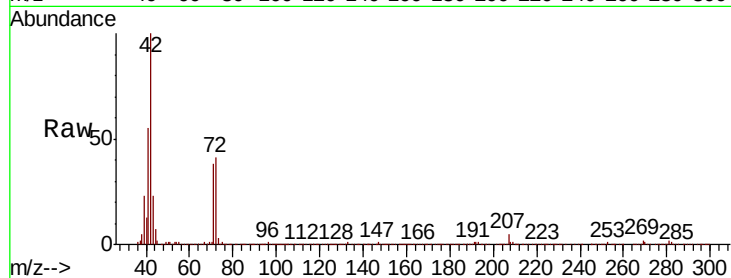
Tot Ion: 42 Resp: 481735

Ion Ratio Lower Upper

42 100

72 41.5 31.7 47.5

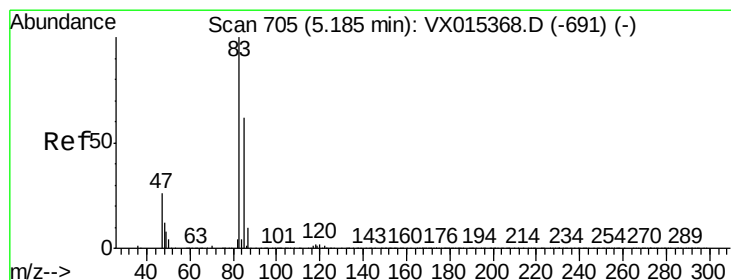
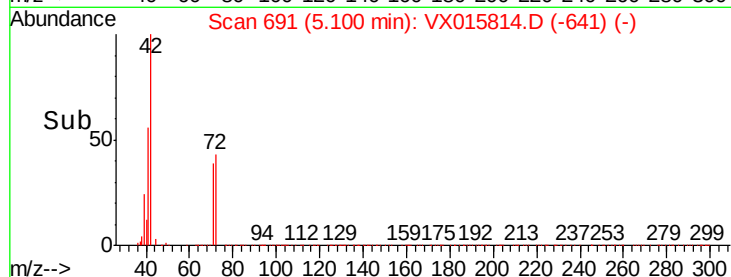
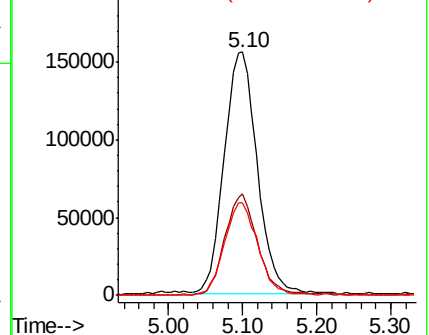
71 38.3 29.6 44.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 17.783 ug/l

RT: 5.19 min Scan# 705

Delta R.T. 0.00 min

Lab File: VX015814.D

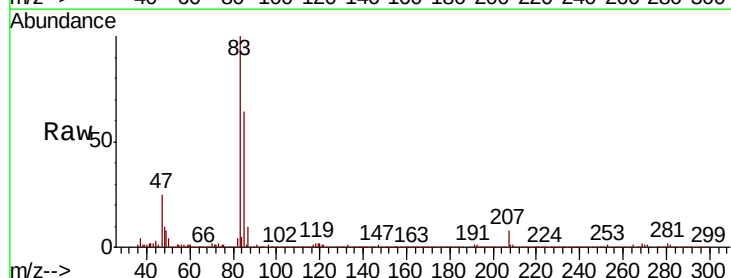
Acq: 21 Apr 2020 23:49

Tgt Ion: 83 Resp: 318654

Ion Ratio Lower Upper

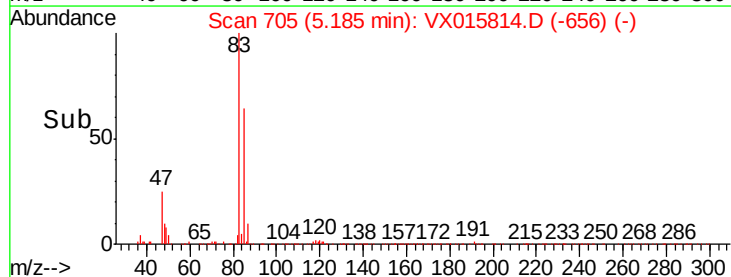
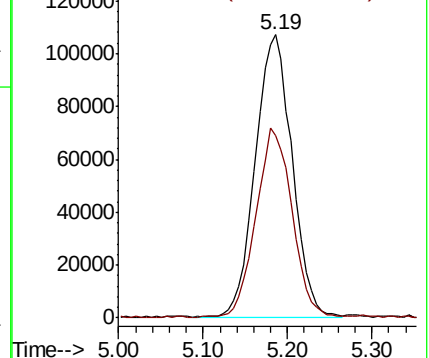
83 100

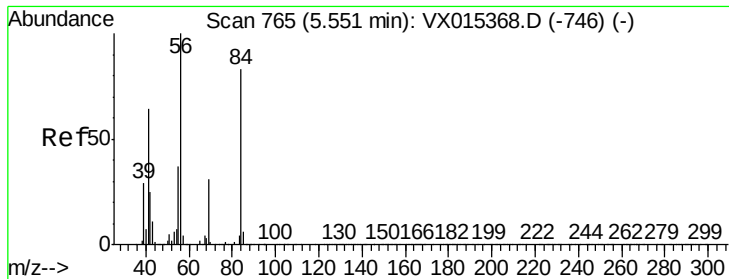
85 64.2 49.5 74.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

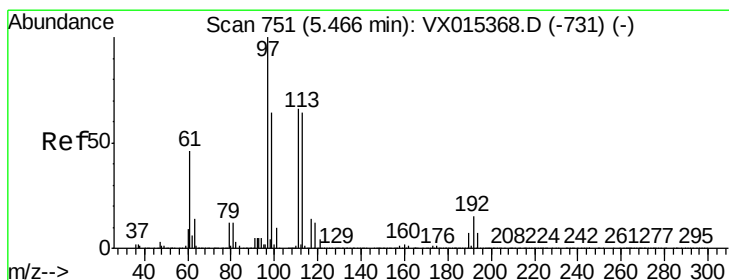
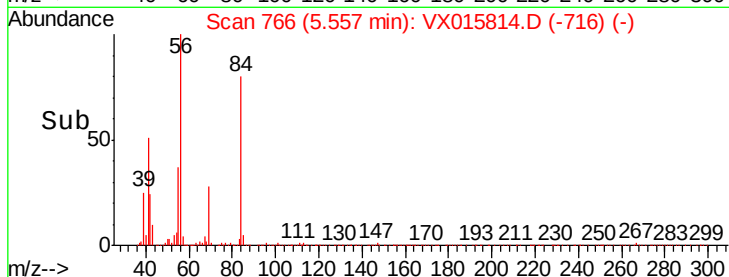
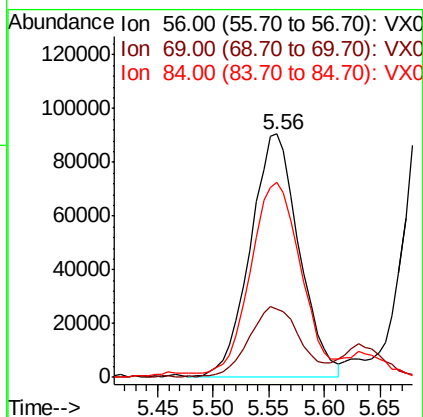
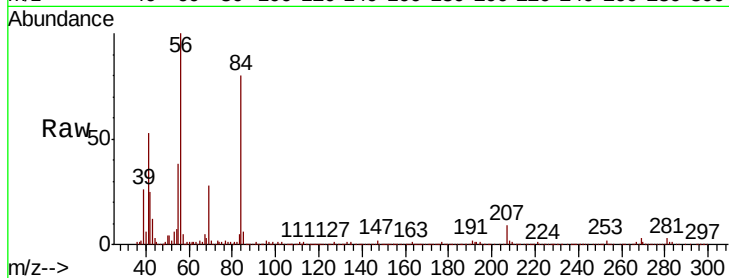




#31
Cyclohexane
Concen: 16.955 ug/l
RT: 5.56 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

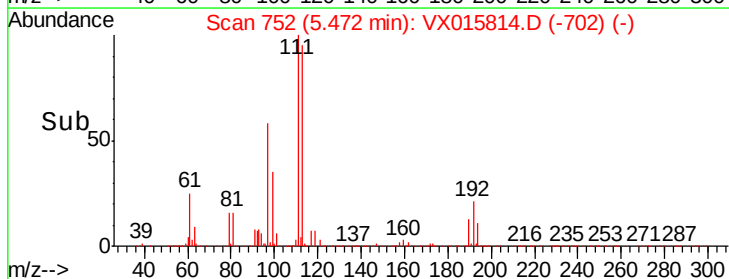
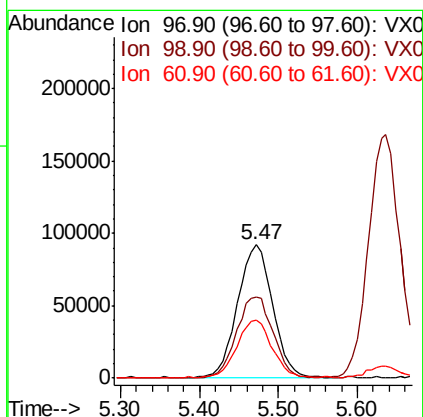
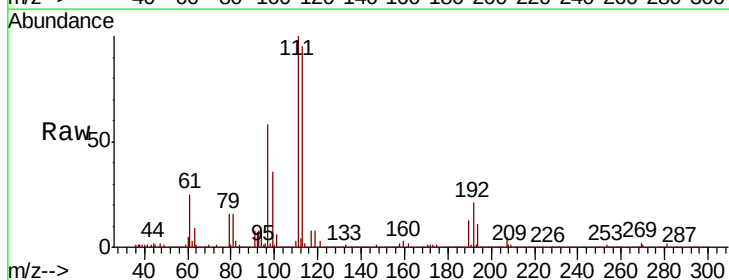
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD02

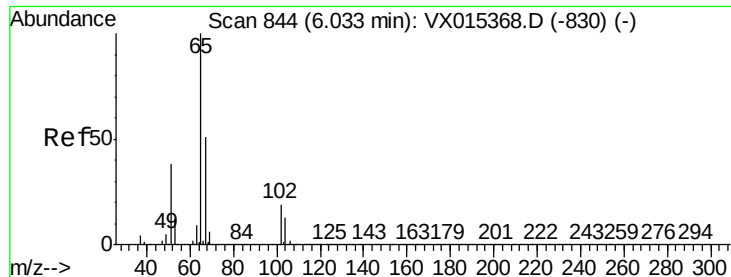
Tot Ion: 56 Resp: 273947
Ion Ratio Lower Upper
56 100
69 27.6 24.6 36.8
84 78.7 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 17.674 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Tgt Ion: 97 Resp: 286616
Ion Ratio Lower Upper
97 100
99 62.7 51.0 76.4
61 42.2 36.1 54.1

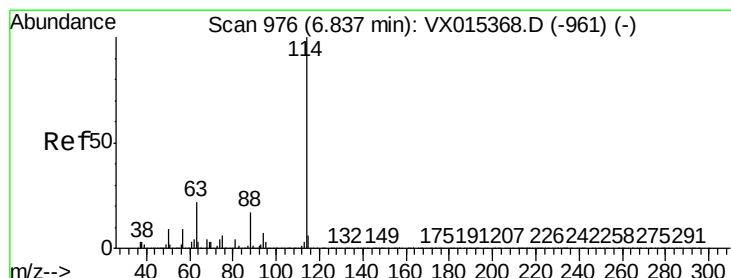
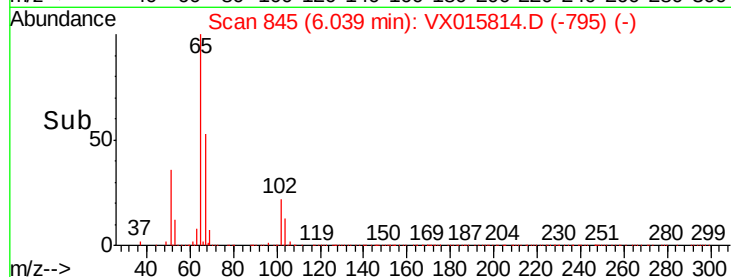
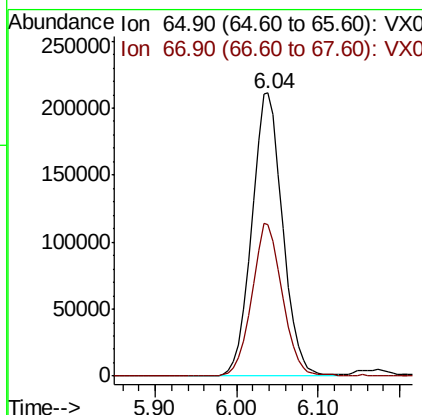
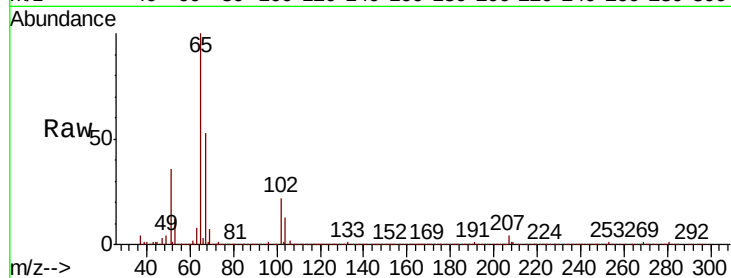




#33
 1,2-Dichloroethane-d4
 Concen: 43.414 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: VX015814.D
 Acq: 21 Apr 2020 23:49

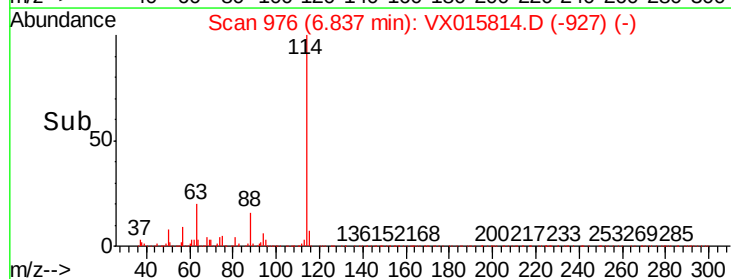
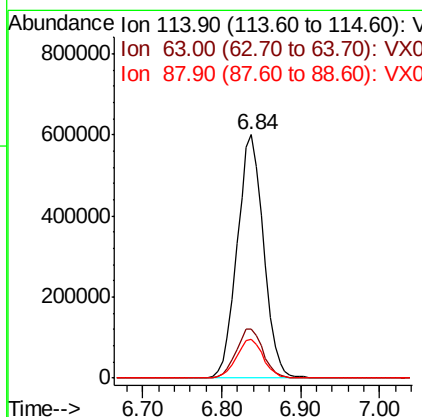
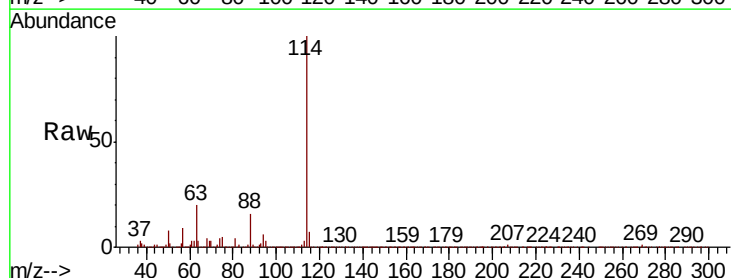
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD02

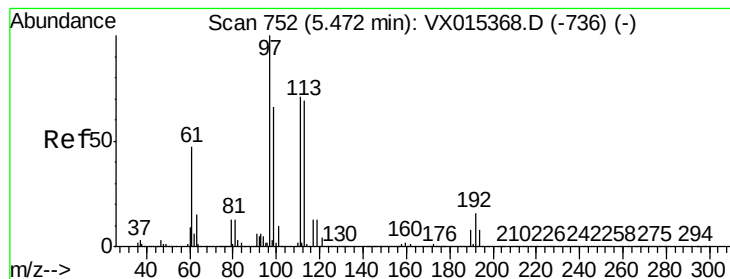
Tot Ion: 65 Resp: 554119
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VX015814.D
 Acq: 21 Apr 2020 23:49

Tgt Ion: 114 Resp: 1395841
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 44.2
 88 15.7 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.502 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD02

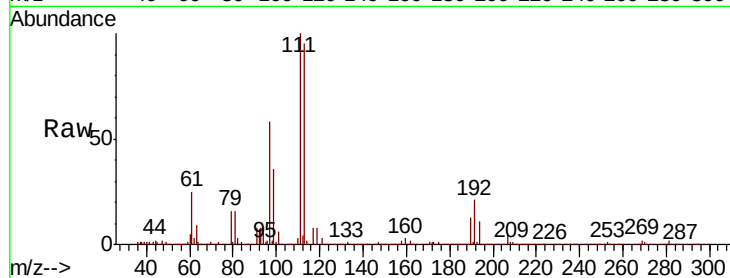
Tot Ion:113 Resp: 441687

Ion Ratio Lower Upper

113 100

111 102.7 81.5 122.3

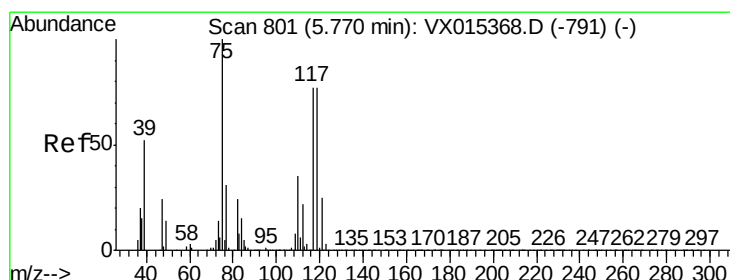
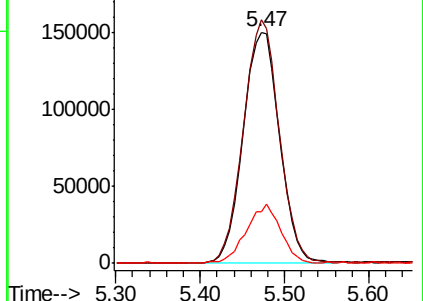
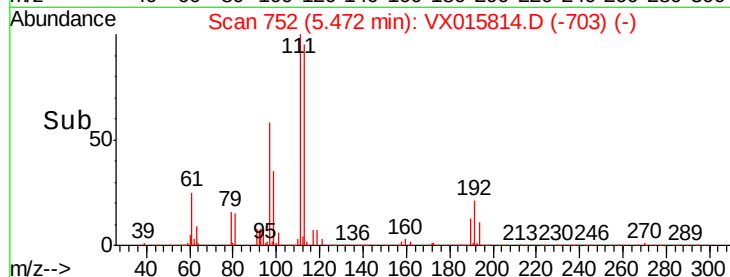
192 23.6 17.8 26.6



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: 17.742 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.01 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

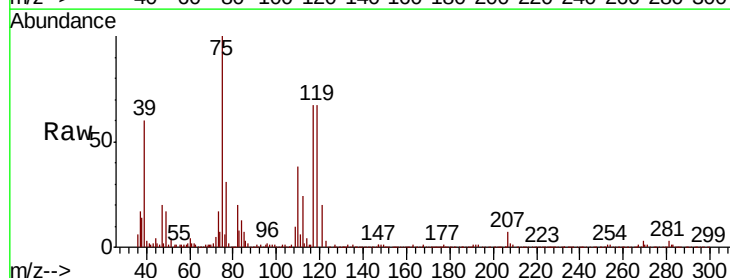
Tgt Ion: 75 Resp: 228182

Ion Ratio Lower Upper

75 100

110 36.6 17.1 51.3

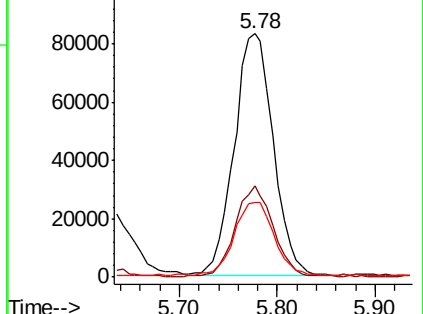
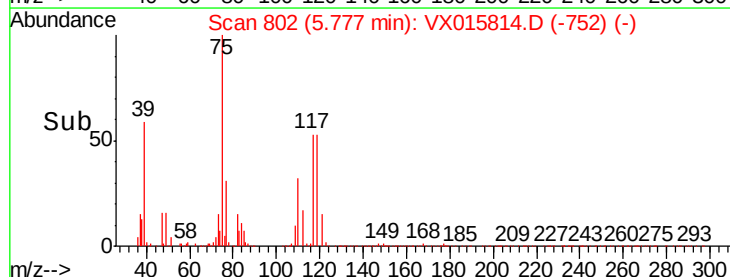
77 31.6 24.6 36.8

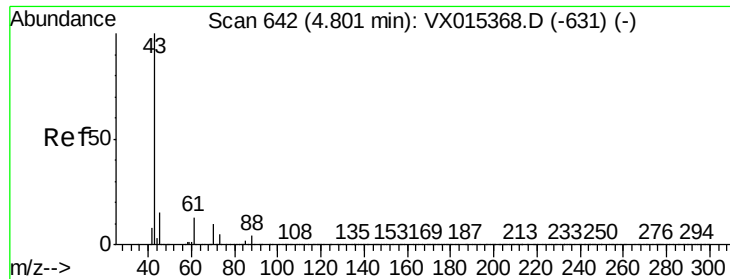


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

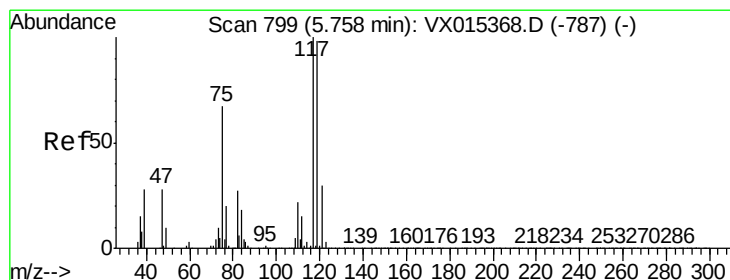
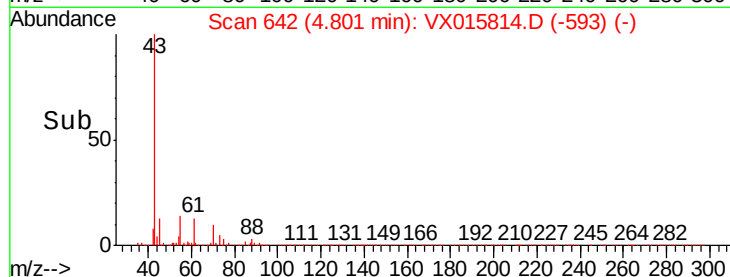
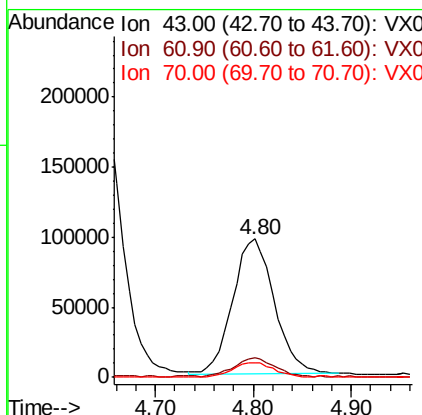
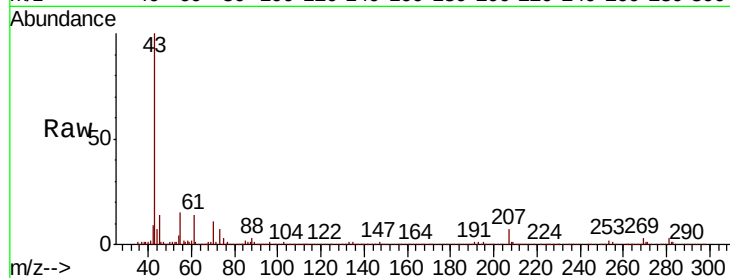




#37
Ethyl Acetate
Concen: 17.069 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

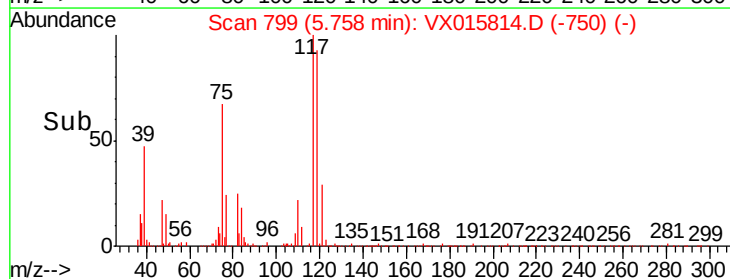
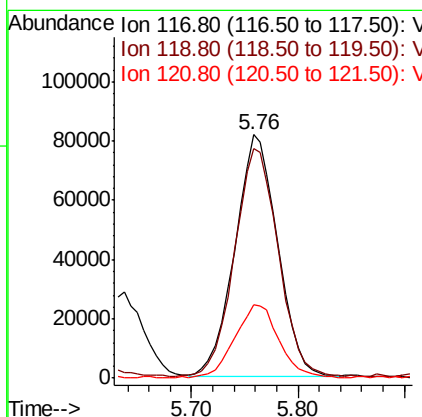
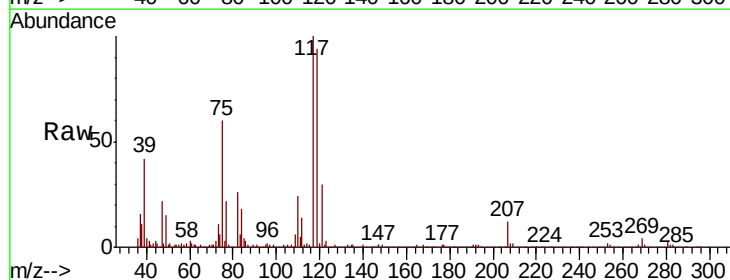
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD02

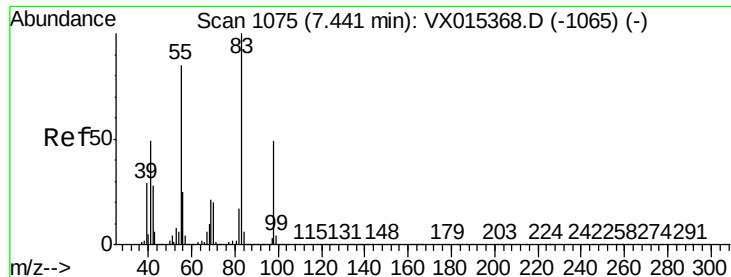
Tot Ion:	43	Resp:	285845
Ion	Ratio	Lower	Upper
43	100		
61	13.1	9.9	14.9
70	11.0	8.1	12.1



#38
Carbon Tetrachloride
Concen: 16.469 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Tgt Ion:	117	Resp:	229410
Ion	Ratio	Lower	Upper
117	100		
119	94.1	78.0	117.0
121	30.0	23.8	35.8

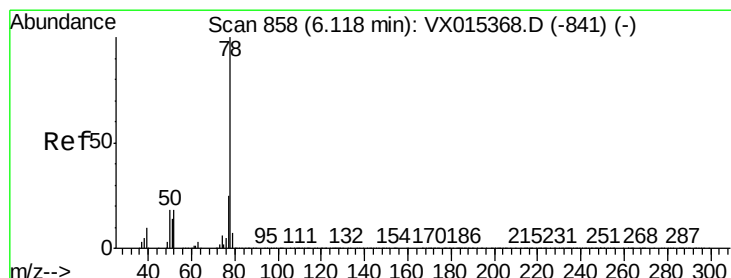
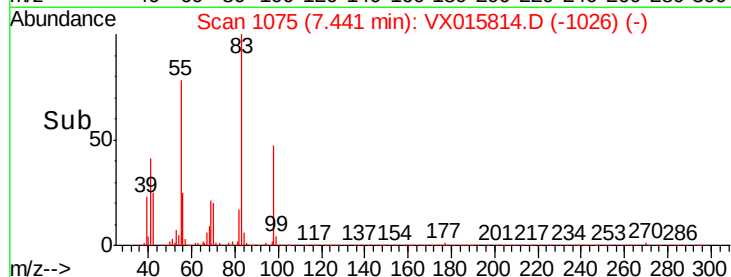
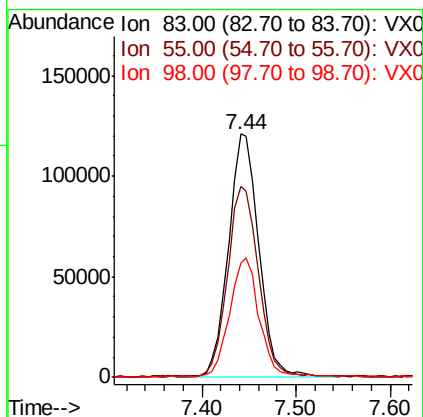
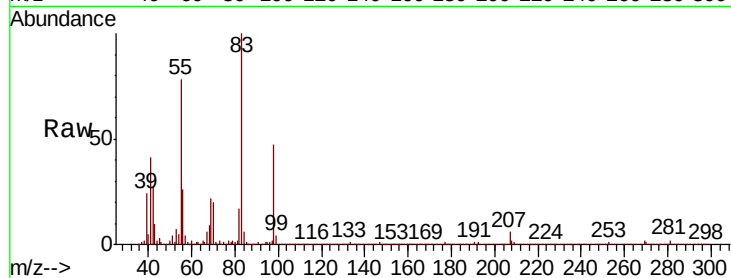




#39
Methylvlcyclohexane
Concen: 18.361 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

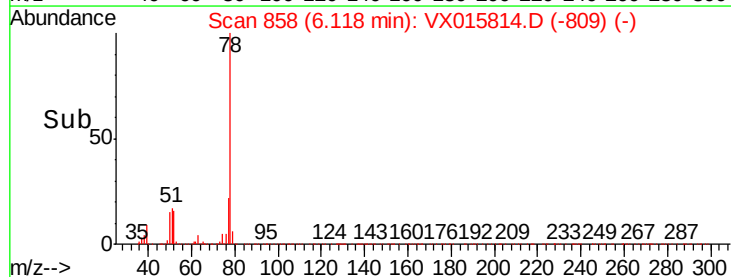
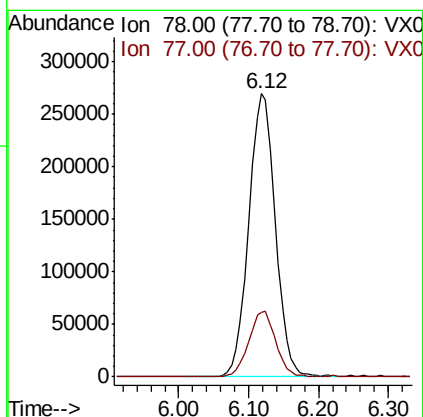
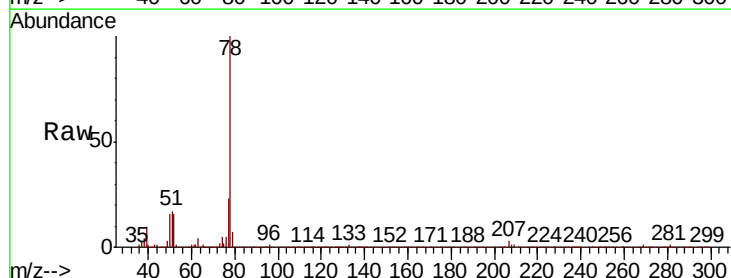
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD02

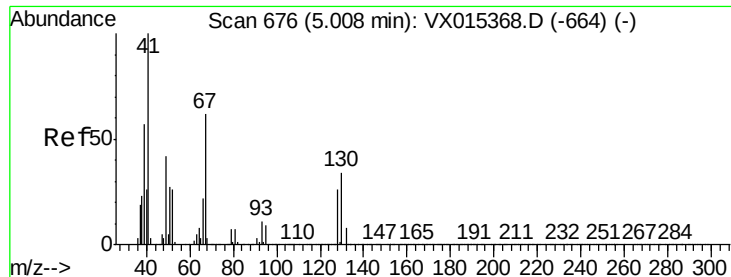
Tot Ion: 83 Resp: 272279
Ion Ratio Lower Upper
83 100
55 78.1 67.8 101.6
98 46.9 39.3 58.9



#40
Benzene
Concen: 18.866 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Tgt Ion: 78 Resp: 710754
Ion Ratio Lower Upper
78 100
77 22.7 19.8 29.8





#41

Methacrylonitrile

Concen: 18.315 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampled :

VX0421WBSD02

Tot Ion: 41 Resp: 170256

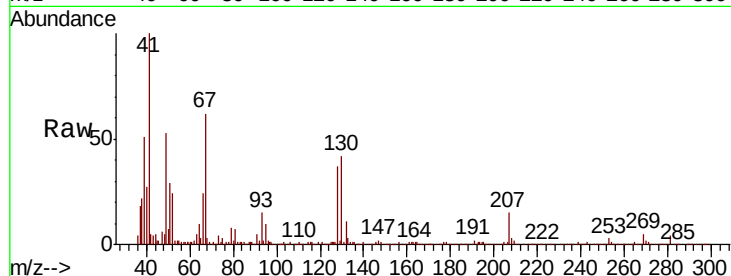
Ion Ratio Lower Upper

41 100

39 53.5 44.5 66.7

67 62.4 48.9 73.3

52 25.8 21.8 32.6

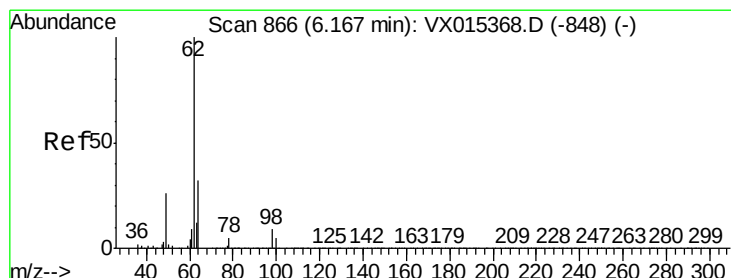
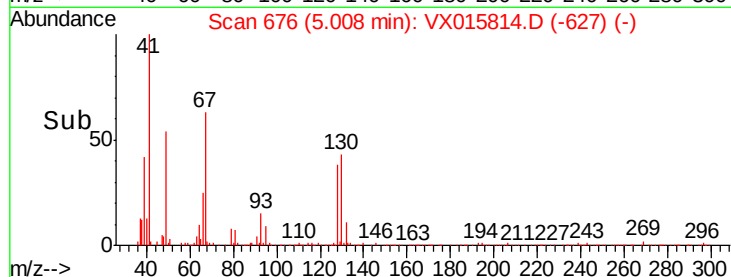
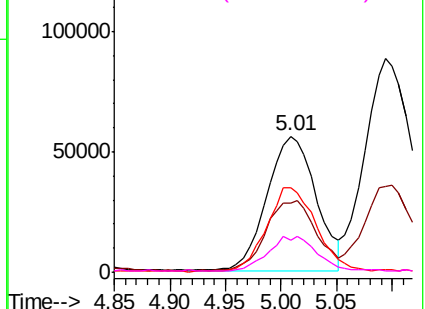


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 17.232 ug/l

RT: 6.17 min Scan# 866

Delta R.T. 0.00 min

Lab File: VX015814.D

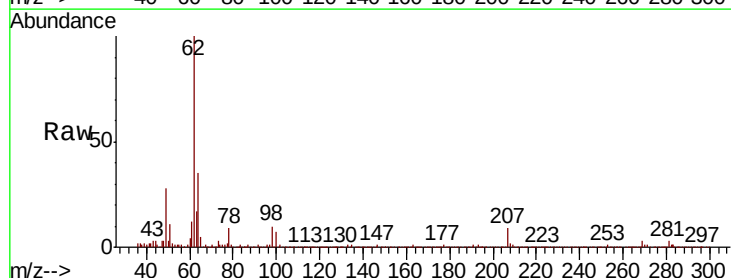
Acq: 21 Apr 2020 23:49

Tgt Ion: 62 Resp: 260762

Ion Ratio Lower Upper

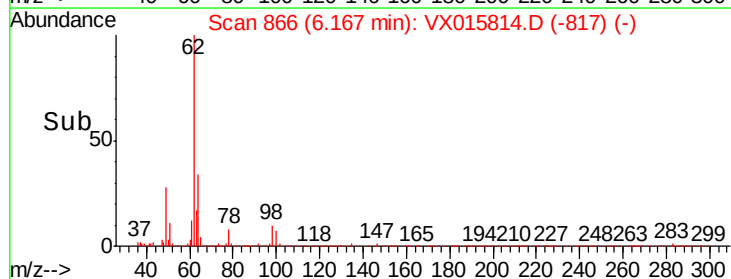
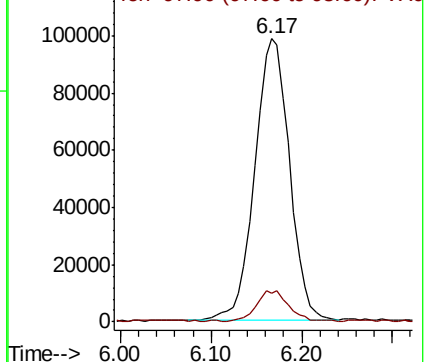
62 100

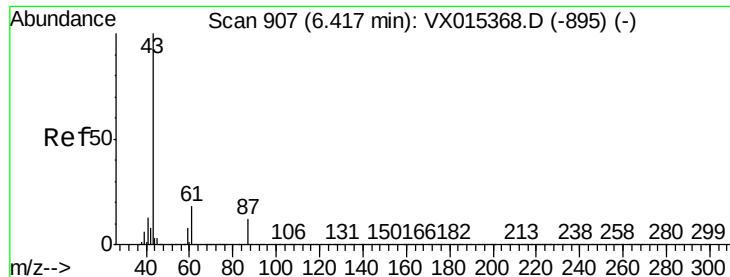
98 10.4 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 17.681 ug/l

RT: 6.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD02

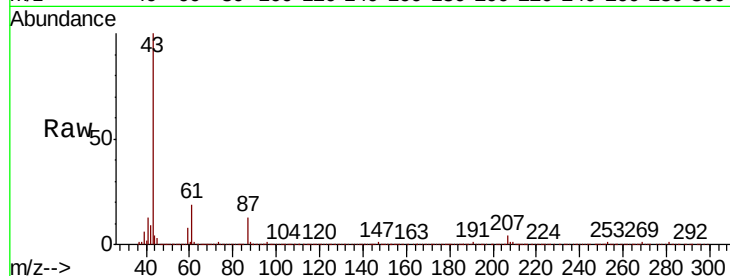
Tot Ion: 43 Resp: 499817

Ion Ratio Lower Upper

43 100

61 19.9 14.8 22.2

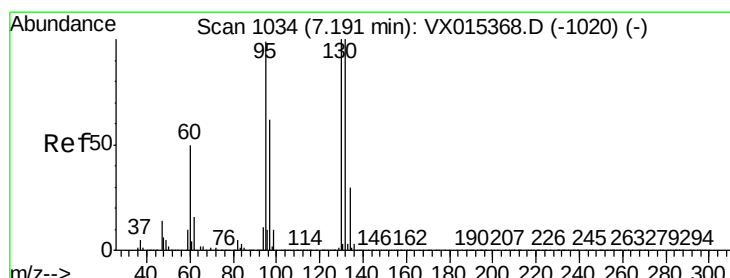
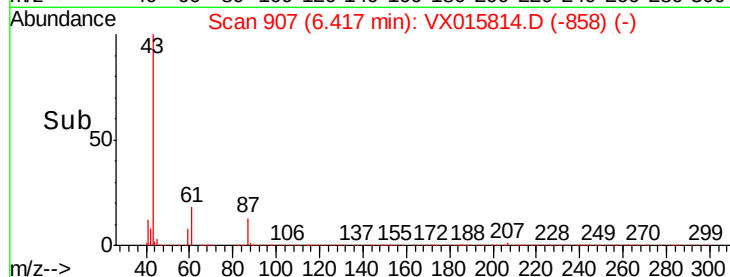
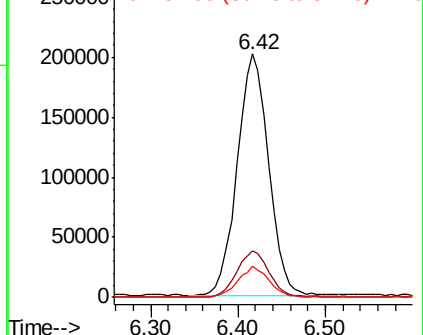
87 12.5 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 24.282 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015814.D

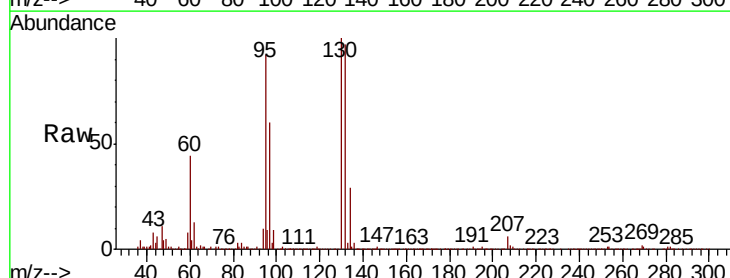
Acq: 21 Apr 2020 23:49

Tgt Ion:130 Resp: 249490

Ion Ratio Lower Upper

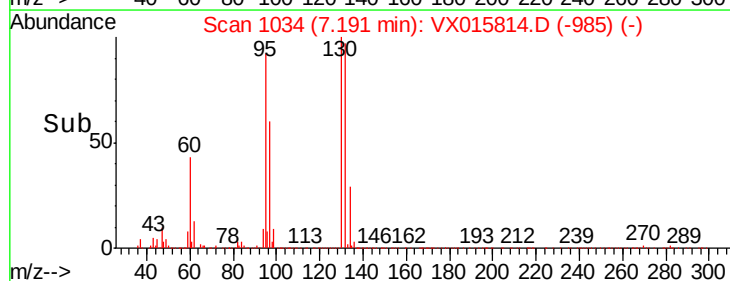
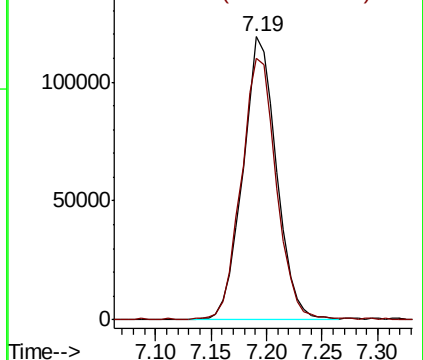
130 100

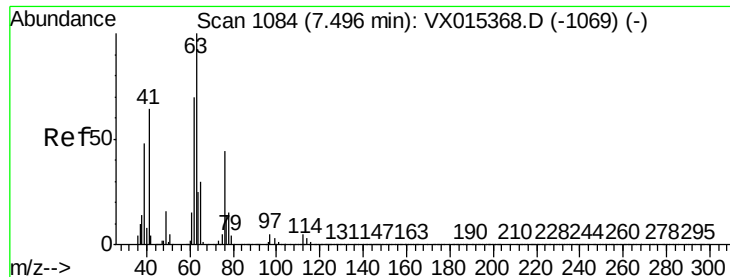
95 92.5 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

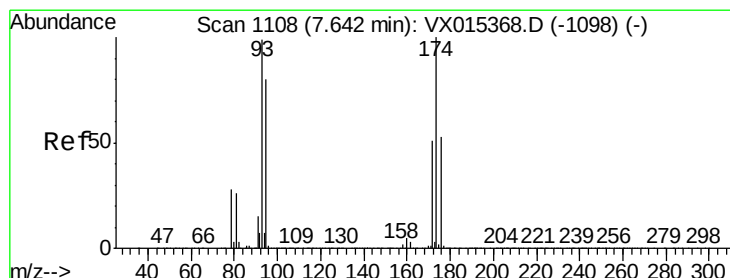
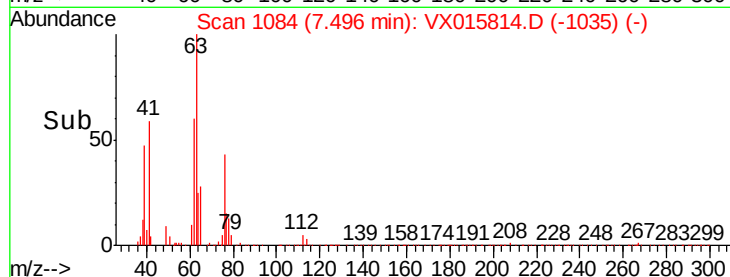
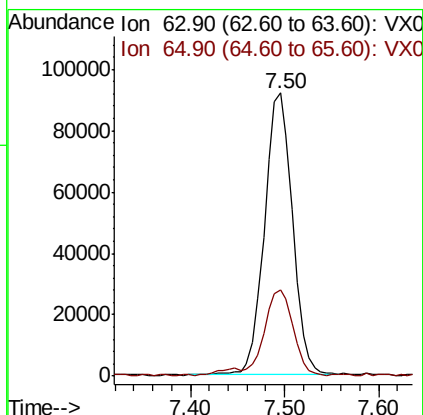
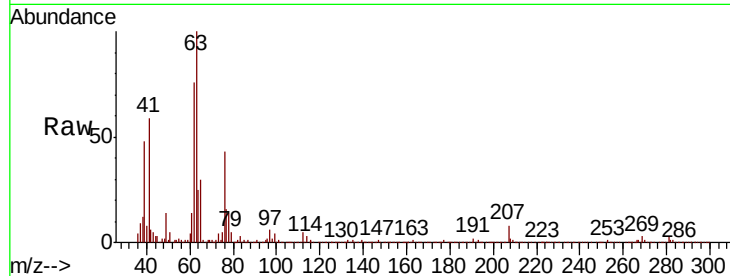




#45
 1,2-Dichloropropane
 Concen: 18.632 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015814.D
 Acq: 21 Apr 2020 23:49

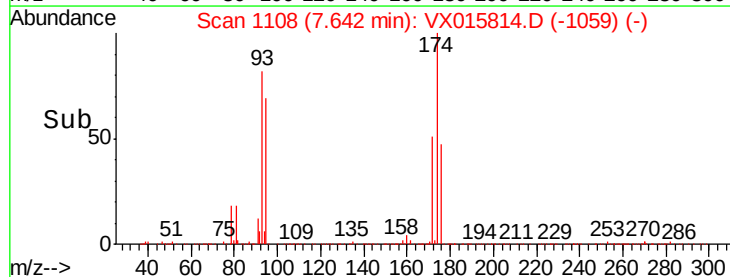
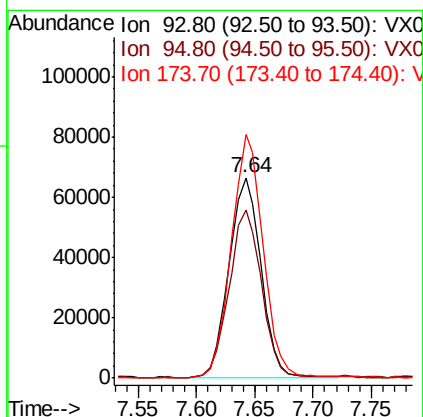
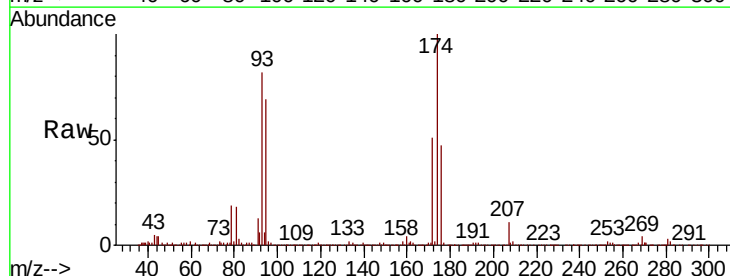
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD02

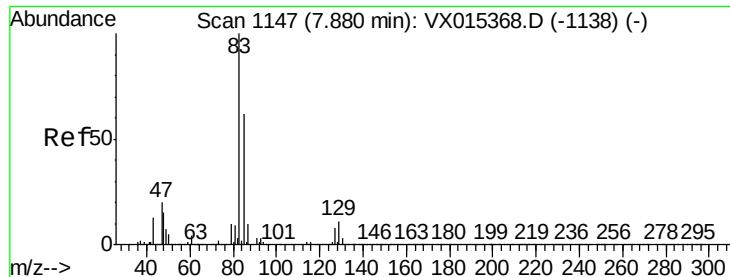
Tot Ion: 63 Resp: 192018
 Ion Ratio Lower Upper
 63 100
 65 29.9 23.9 35.9



#46
 Dibromomethane
 Concen: 18.732 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015814.D
 Acq: 21 Apr 2020 23:49

Tgt Ion: 93 Resp: 126641
 Ion Ratio Lower Upper
 93 100
 95 84.5 65.8 98.8
 174 120.5 86.2 129.2





#47

Bromodichloromethane

Concen: 18.183 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD02

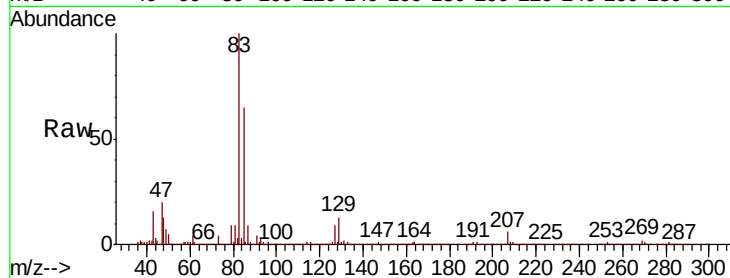
Tot Ion: 83 Resp: 261926

Ion Ratio Lower Upper

83 100

85 64.5 49.7 74.5

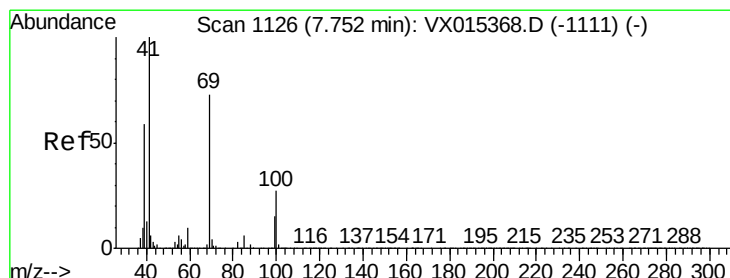
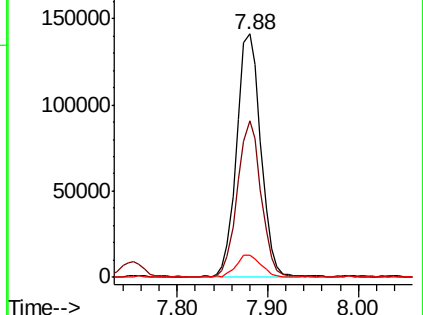
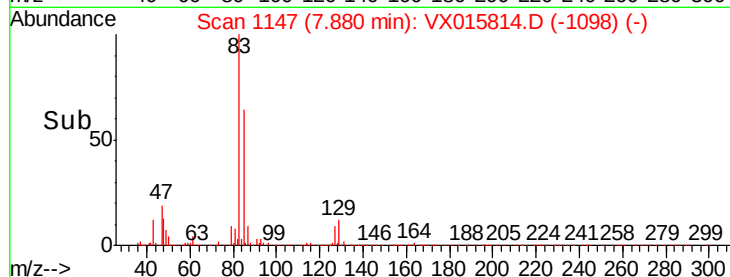
127 9.0 6.7 10.1



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: 17.434 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

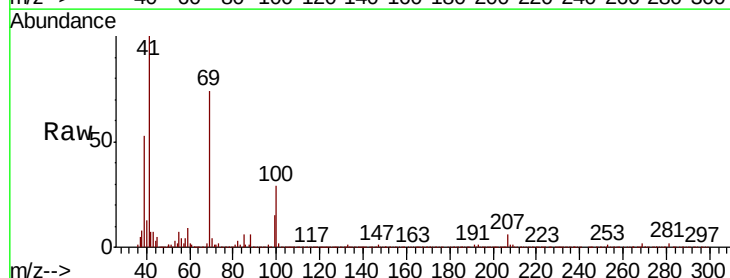
Tgt Ion: 41 Resp: 246165

Ion Ratio Lower Upper

41 100

69 77.3 56.7 85.1

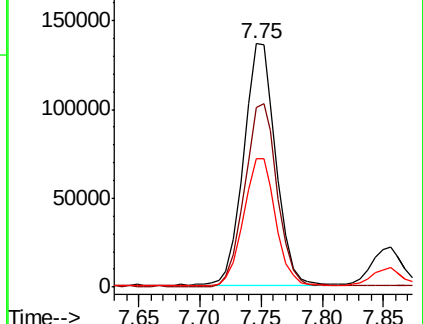
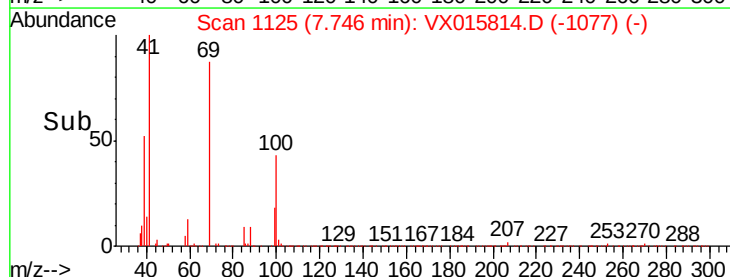
39 53.3 46.5 69.7

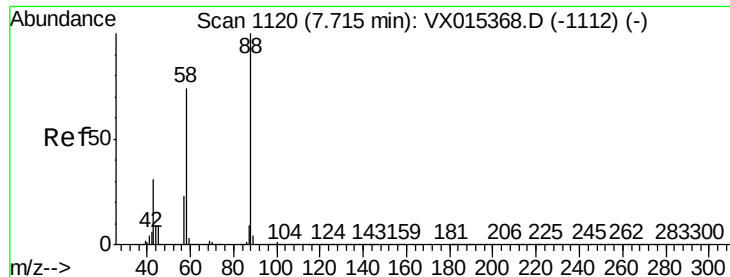


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 316.513 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD02

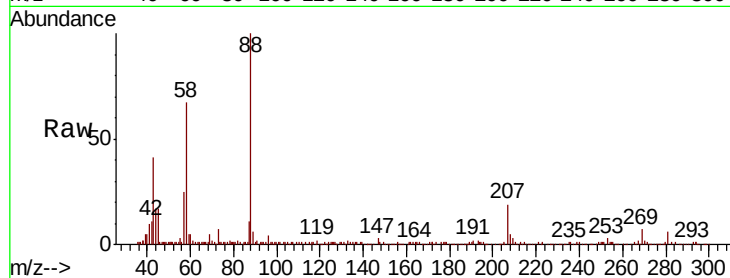
Tot Ion: 88 Resp: 83373

Ion Ratio Lower Upper

88 100

43 42.8 30.1 45.1

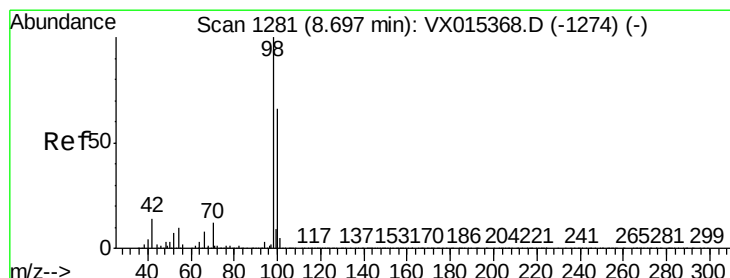
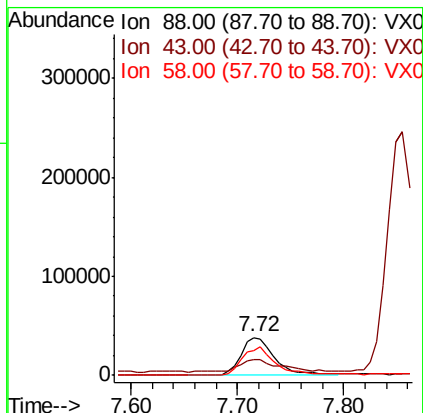
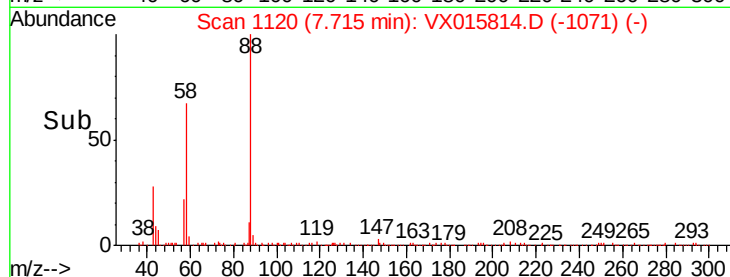
58 72.7 60.6 90.8



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.545 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015814.D

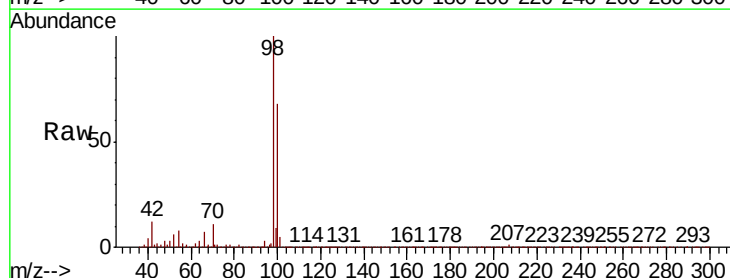
Acq: 21 Apr 2020 23:49

Tgt Ion: 98 Resp: 1693289

Ion Ratio Lower Upper

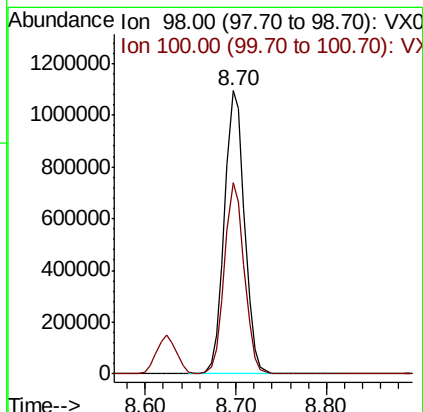
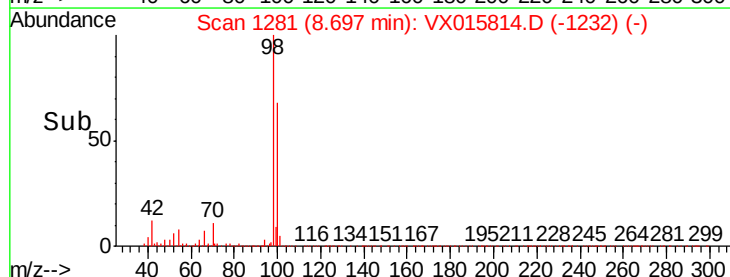
98 100

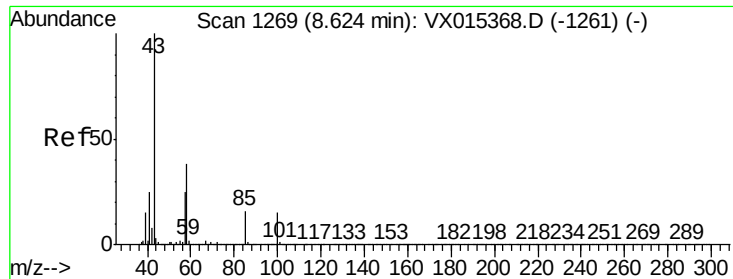
100 66.8 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

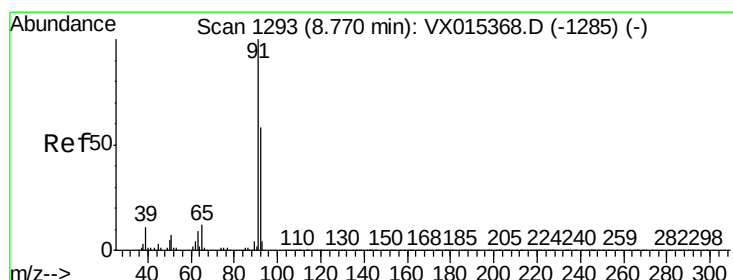
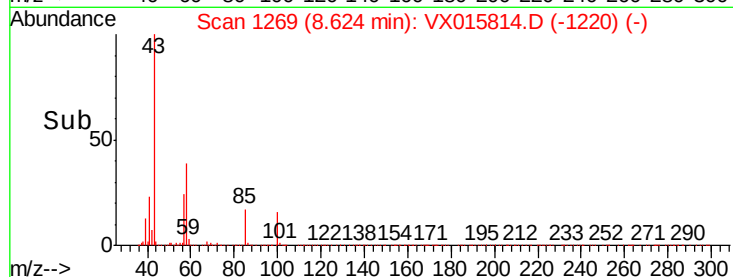
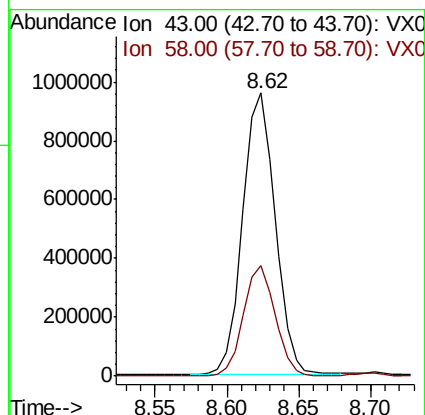
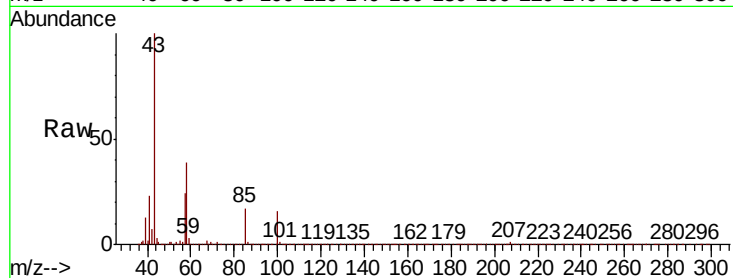




#51
 4-Methyl-2-Pentanone
 Concen: 93.358 ug/l
 RT: 8.62 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX015814.D
 Acq: 21 Apr 2020 23:49

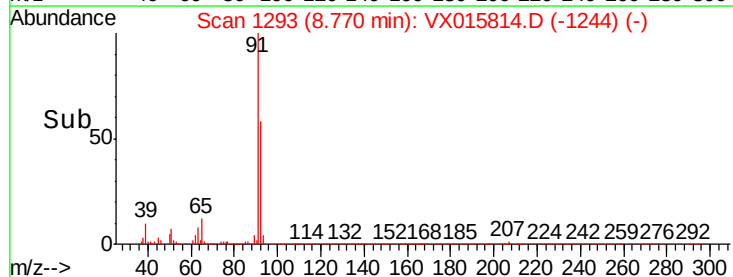
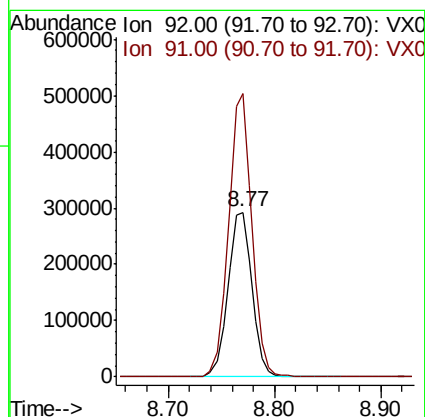
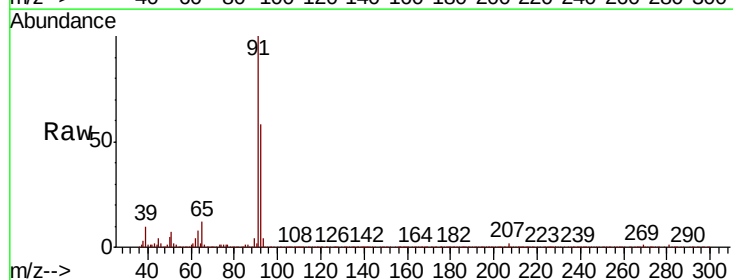
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD02

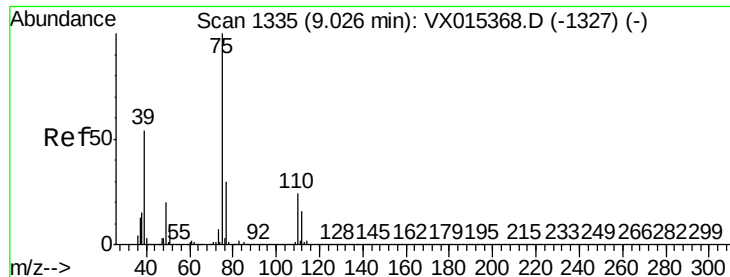
Tot Ion: 43 Resp: 1495663
 Ion Ratio Lower Upper
 43 100
 58 38.4 29.7 44.5



#52
 Toluene
 Concen: 19.737 ug/l
 RT: 8.77 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX015814.D
 Acq: 21 Apr 2020 23:49

Tgt Ion: 92 Resp: 458439
 Ion Ratio Lower Upper
 92 100
 91 167.0 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 18.033 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

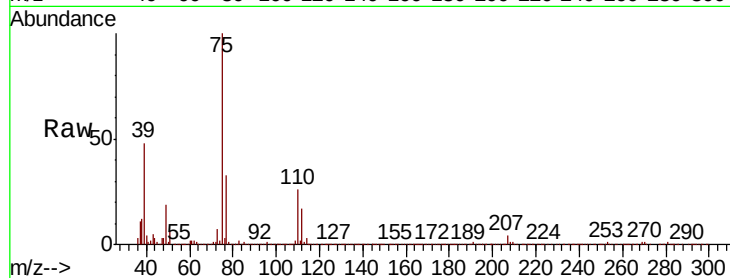
VX0421WBSD02

Tot Ion: 75 Resp: 304658

Ion Ratio Lower Upper

75 100

77 33.1 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

250000

200000

150000

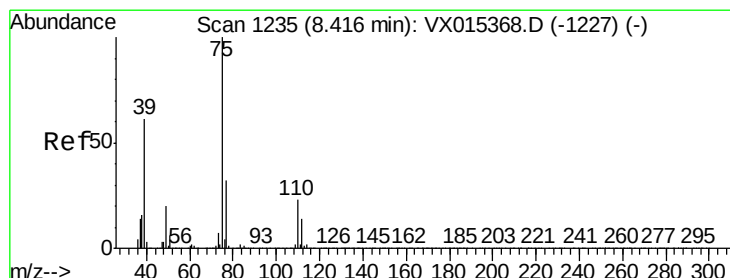
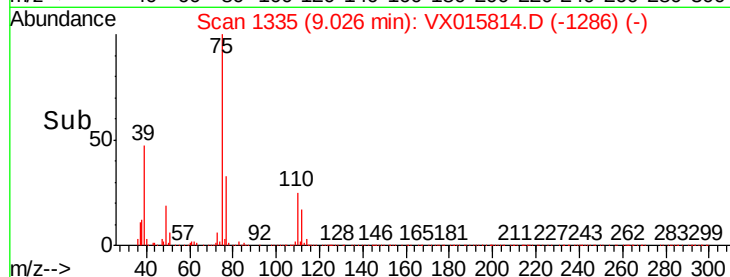
100000

50000

0

9.00 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.268 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

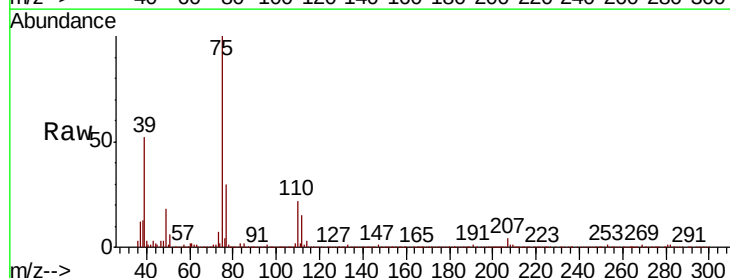
Tgt Ion: 75 Resp: 314401

Ion Ratio Lower Upper

75 100

77 30.2 25.8 38.6

39 52.2 49.0 73.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

250000

200000

150000

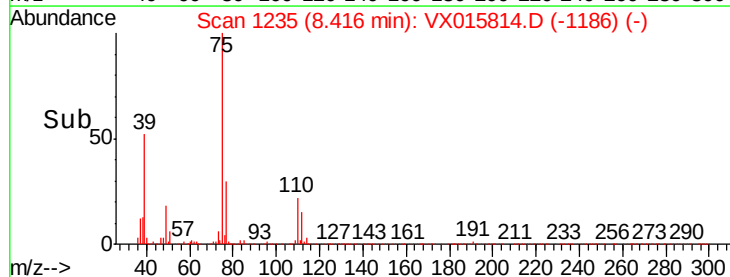
100000

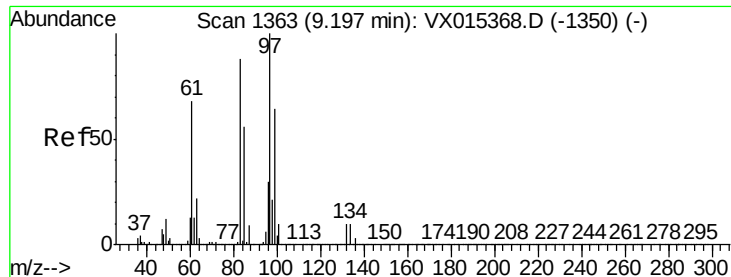
50000

0

8.35 8.40 8.45 8.50

Time-->





#55

1,1,2-Trichloroethane

Concen: 19.929 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD02

Tot Ion: 97 Resp: 189651

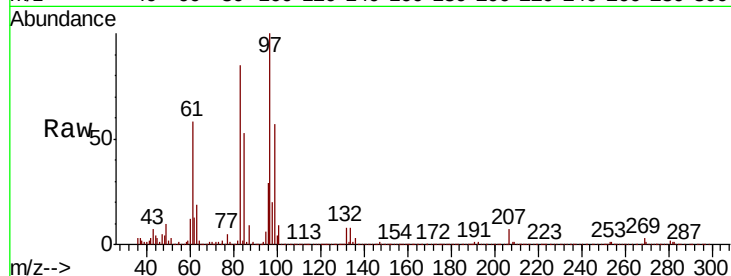
Ion Ratio Lower Upper

97 100

83 84.5 70.2 105.4

85 52.6 44.7 67.1

99 56.8 51.1 76.7

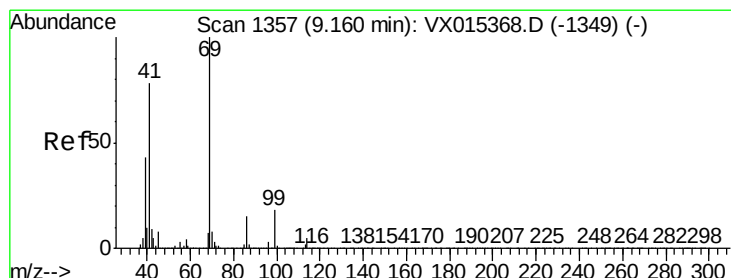
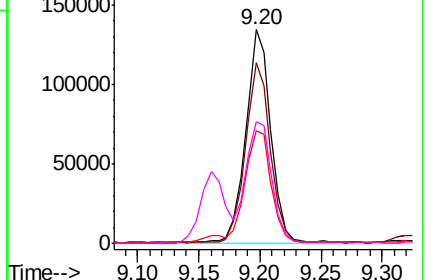
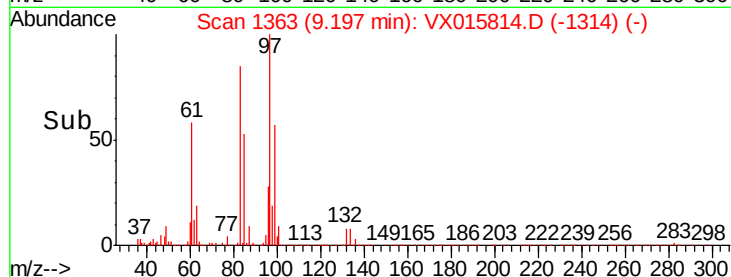


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.176 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

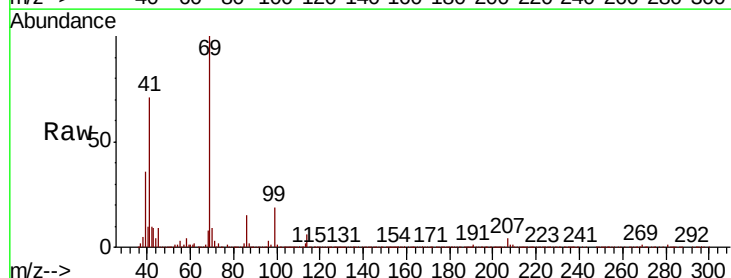
Tgt Ion: 69 Resp: 321603

Ion Ratio Lower Upper

69 100

41 74.8 61.6 92.4

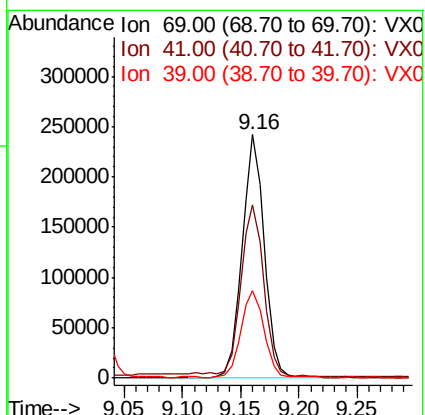
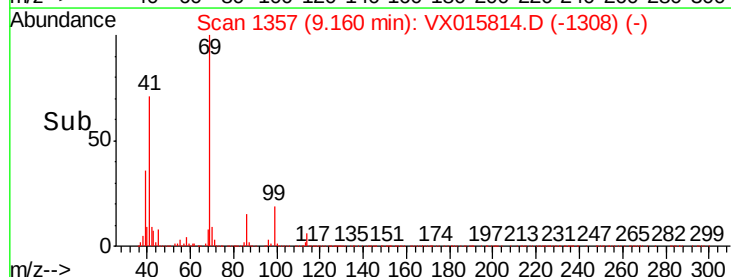
39 37.7 34.0 51.0

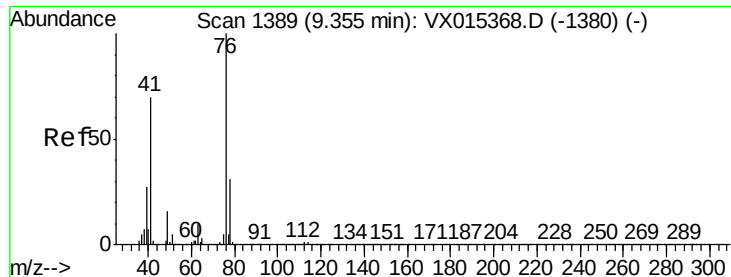


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.803 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

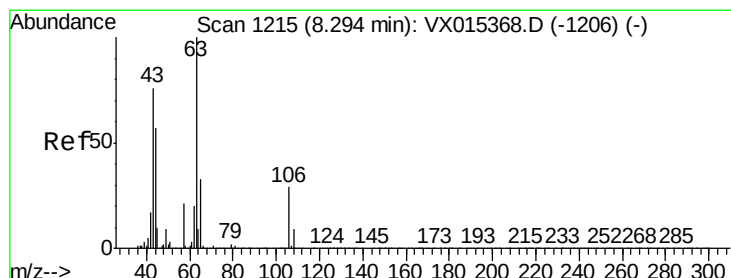
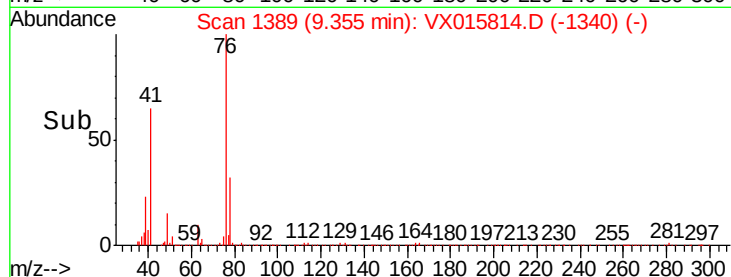
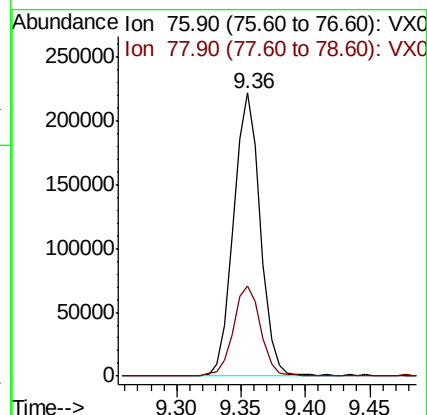
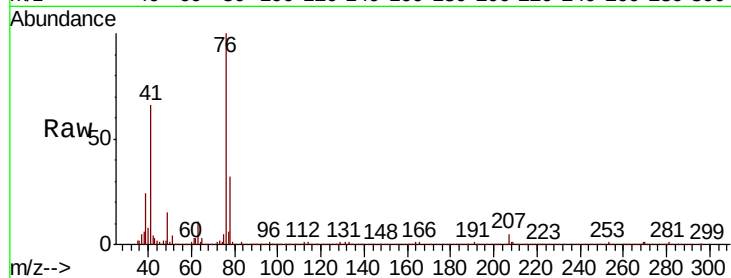
VX0421WBSD02

Tot Ion: 76 Resp: 322374

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 93.818 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015814.D

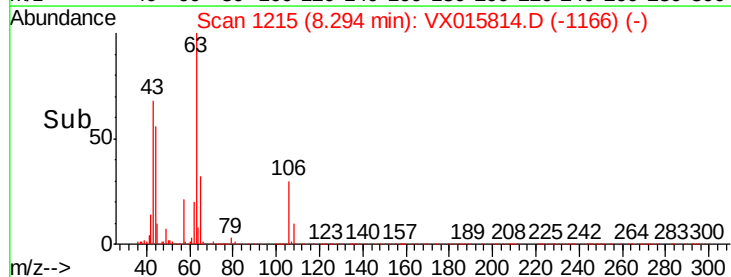
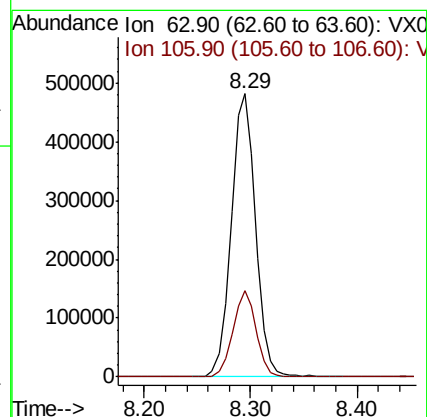
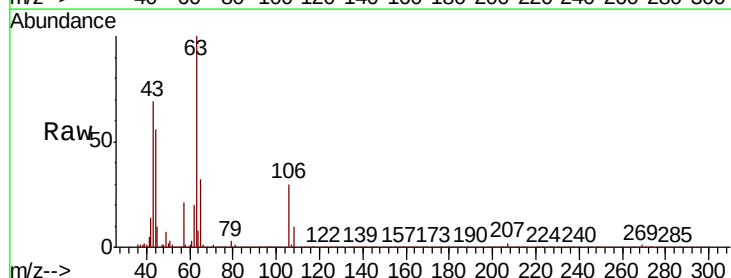
Acq: 21 Apr 2020 23:49

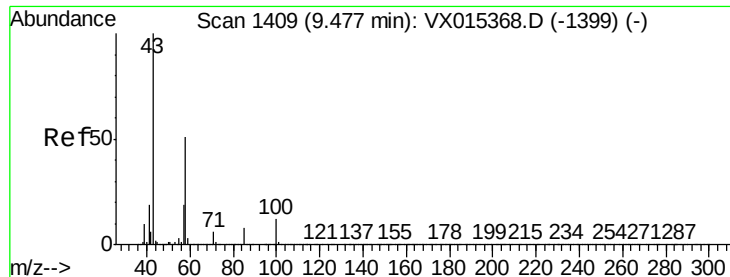
Tgt Ion: 63 Resp: 765321

Ion Ratio Lower Upper

63 100

106 29.3 22.7 34.1





#59

2-Hexanone

Concen: 93.296 ug/l

RT: 9.48 min Scan# 1409

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

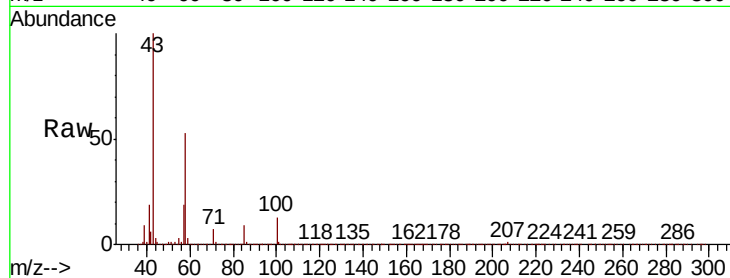
VX0421WBSD02

Tot Ion: 43 Resp: 1128444

Ion Ratio Lower Upper

43 100

58 53.4 25.6 76.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

800000

600000

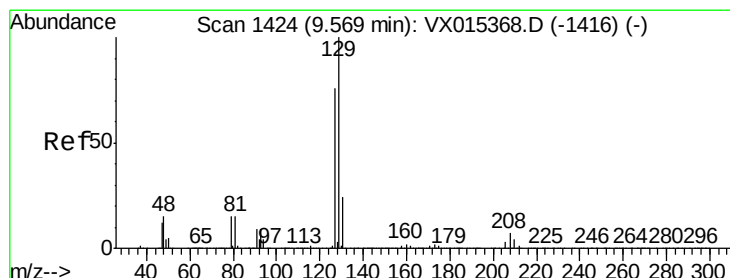
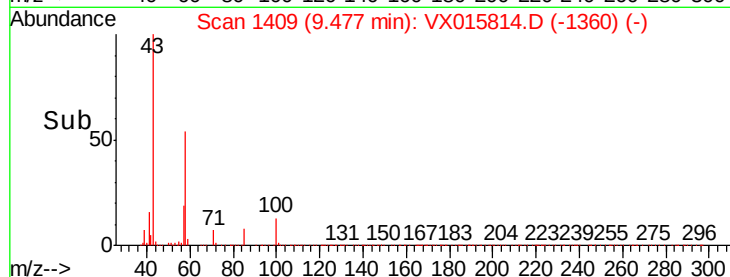
400000

200000

0

9.40 9.50 9.60

Time-->



#60

Dibromochloromethane

Concen: 18.129 ug/l

RT: 9.57 min Scan# 1424

Delta R.T. 0.00 min

Lab File: VX015814.D

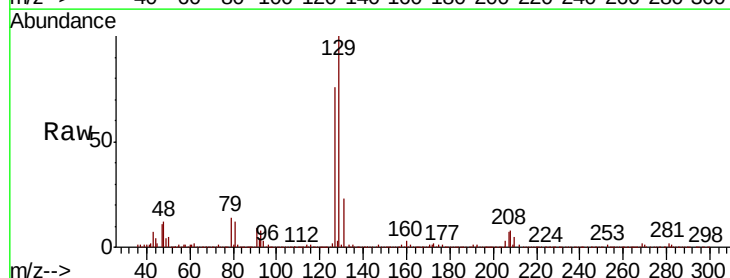
Acq: 21 Apr 2020 23:49

Tgt Ion: 129 Resp: 207309

Ion Ratio Lower Upper

129 100

127 76.4 38.2 114.6



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

150000

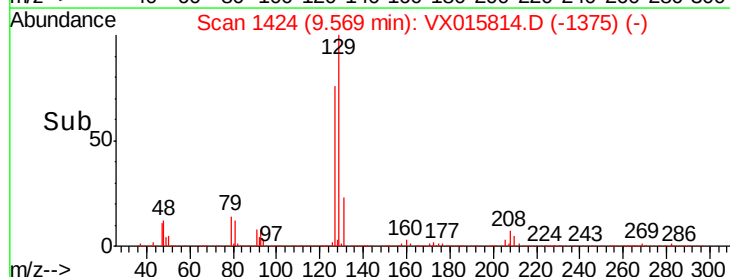
100000

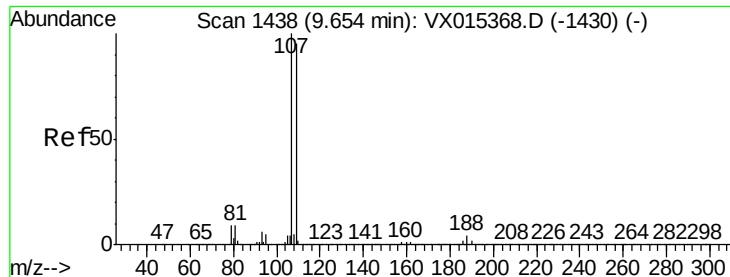
50000

0

9.50 9.55 9.60 9.65

Time-->





#61

1,2-Dibromoethane

Concen: 19.175 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

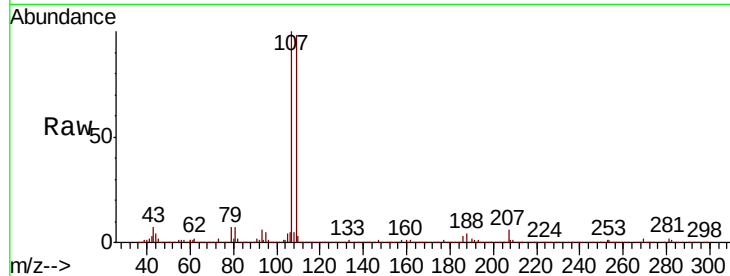
VX0421WBSD02

Tot Ion: 107 Resp: 198410

Ion Ratio Lower Upper

107 100

109 93.2 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

150000

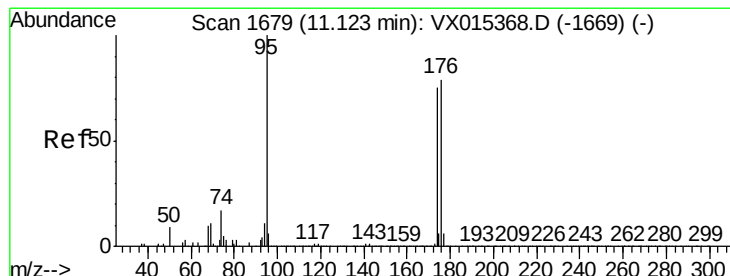
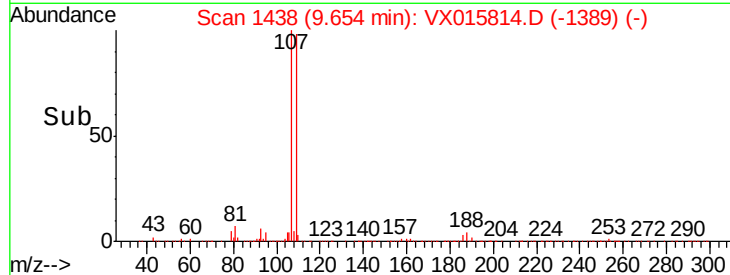
100000

50000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 50.546 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

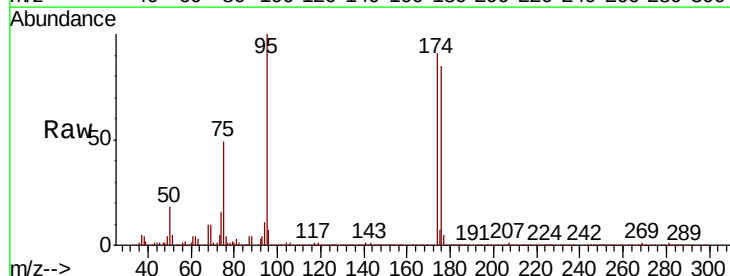
Tgt Ion: 95 Resp: 674823

Ion Ratio Lower Upper

95 100

174 88.5 0.0 158.6

176 84.4 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

600000

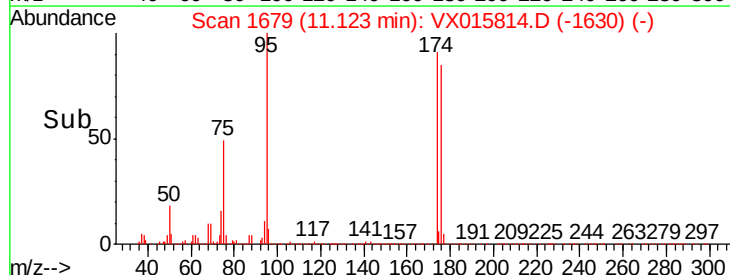
400000

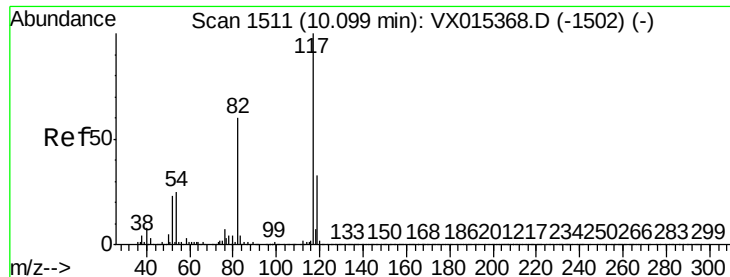
200000

0

11.10 11.20

Time-->

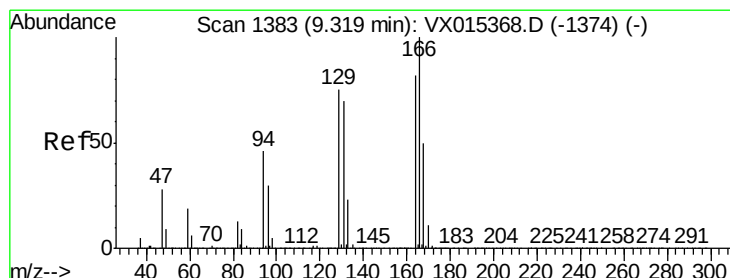
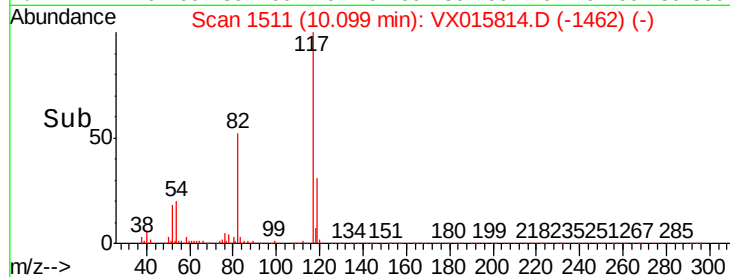
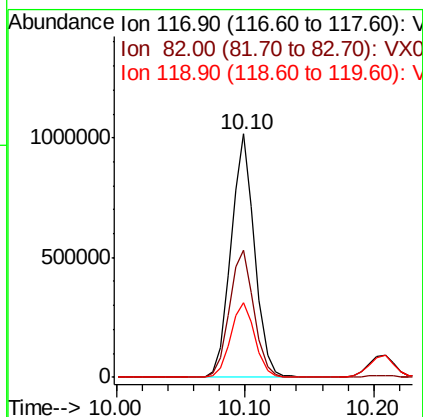
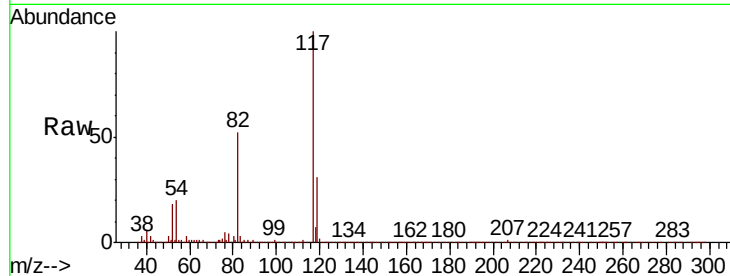




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

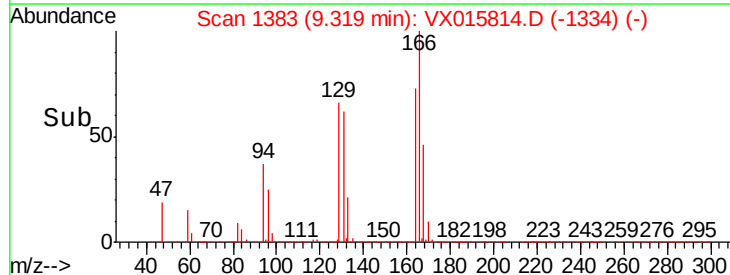
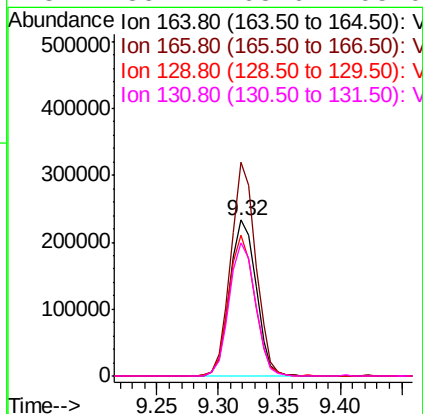
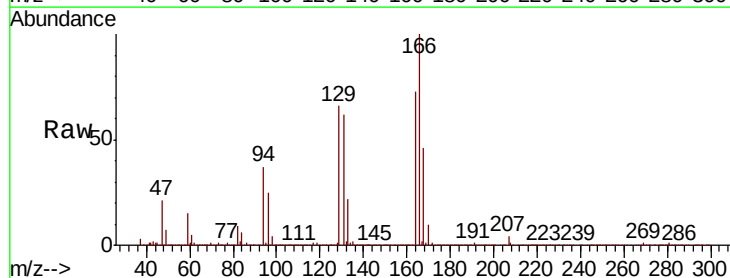
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD02

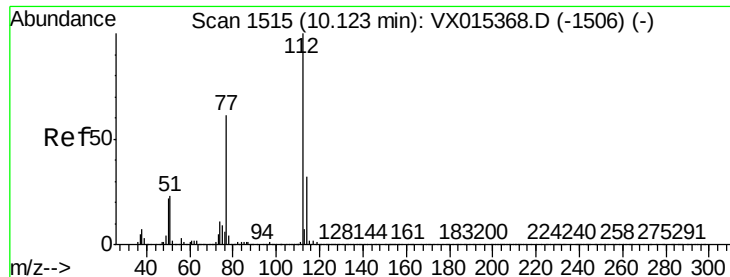
Tot Ion:117 Resp: 1294677
Ion Ratio Lower Upper
117 100
82 52.2 47.8 71.8
119 30.6 26.8 40.2



#64
Tetrachloroethene
Concen: 35.403 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Tgt Ion:164 Resp: 345911
Ion Ratio Lower Upper
164 100
166 136.9 97.8 146.6
129 90.4 73.0 109.4
131 85.4 68.6 103.0





#65

Chlorobenzene

Concen: 19.495 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

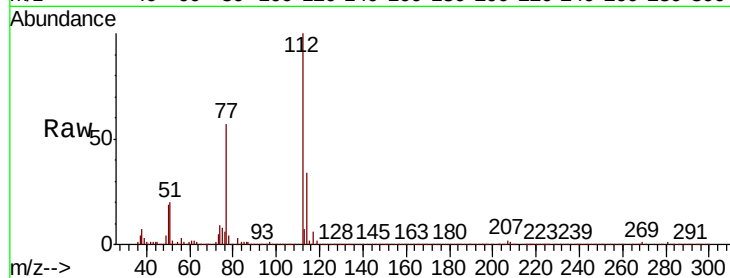
VX0421WBSD02

Tot Ion:112 Resp: 503344

Ion Ratio Lower Upper

112 100

114 33.5 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

400000

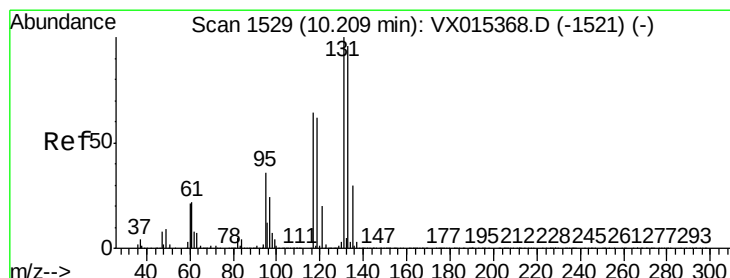
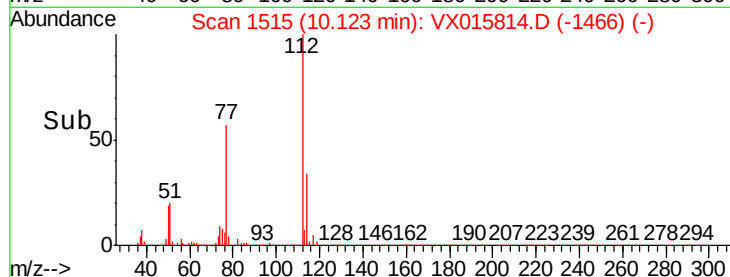
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 18.862 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

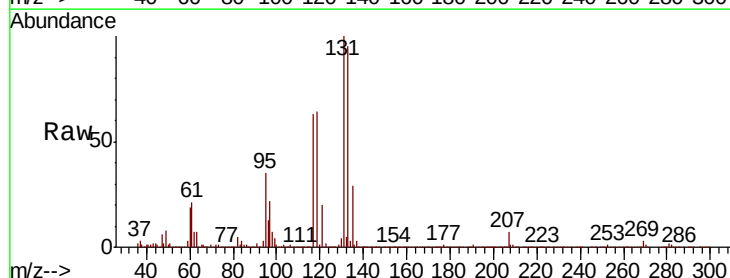
Tgt Ion:131 Resp: 194568

Ion Ratio Lower Upper

131 100

133 96.7 47.6 142.9

119 64.8 31.1 93.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

300000

250000

200000

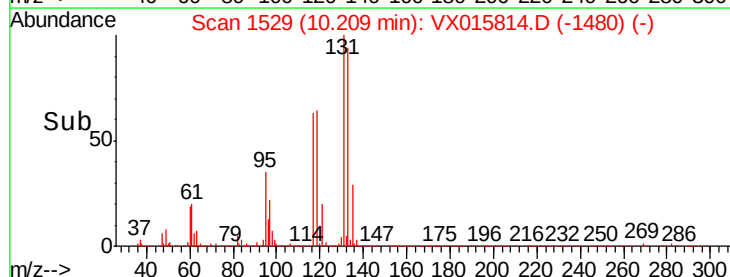
150000

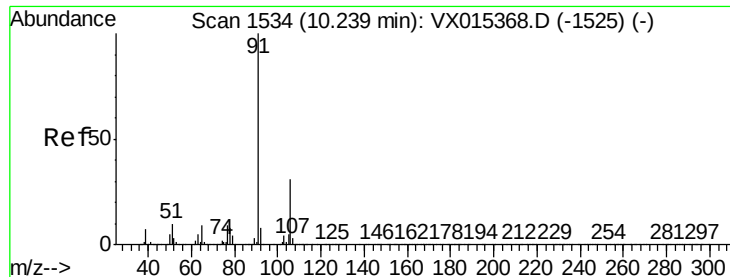
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 19.185 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleID :

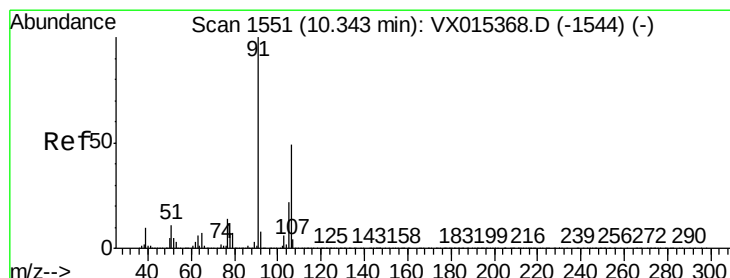
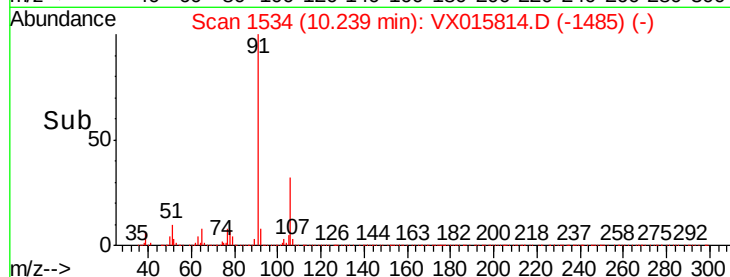
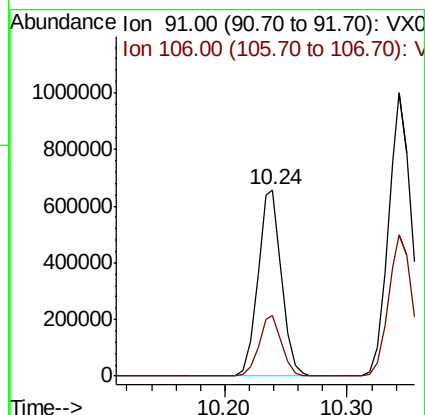
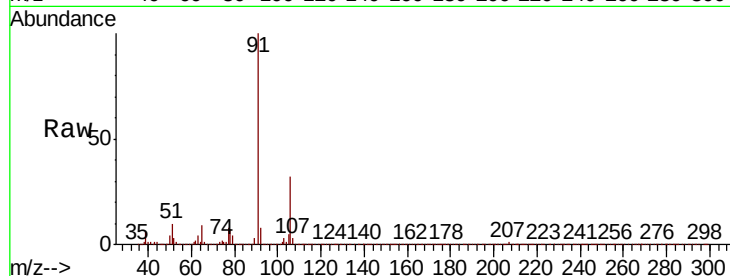
VX0421WBSD02

Tot Ion: 91 Resp: 878532

Ion Ratio Lower Upper

91 100

106 32.3 24.8 37.2



#68

m/p-Xylenes

Concen: 39.752 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015814.D

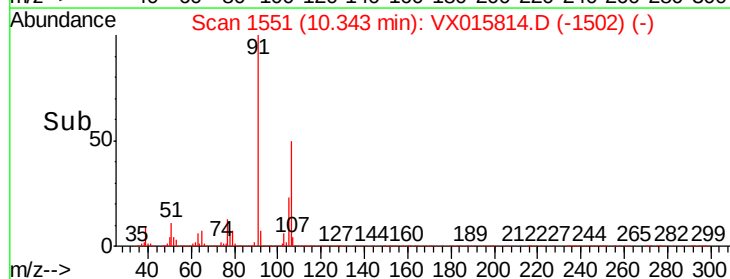
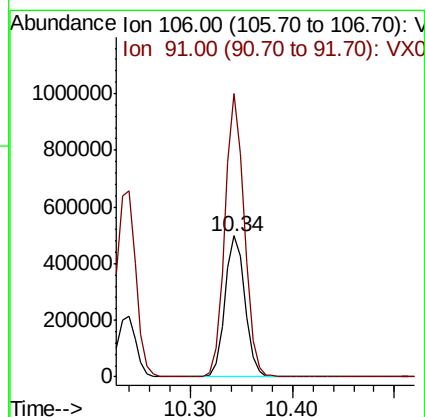
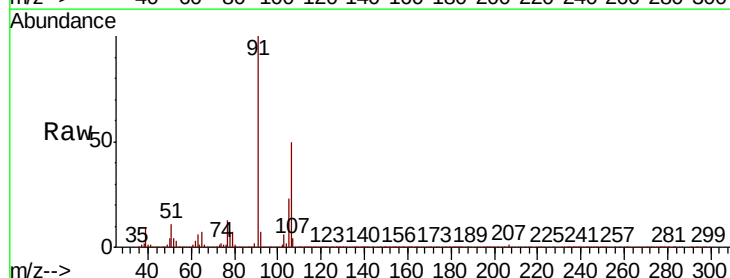
Acq: 21 Apr 2020 23:49

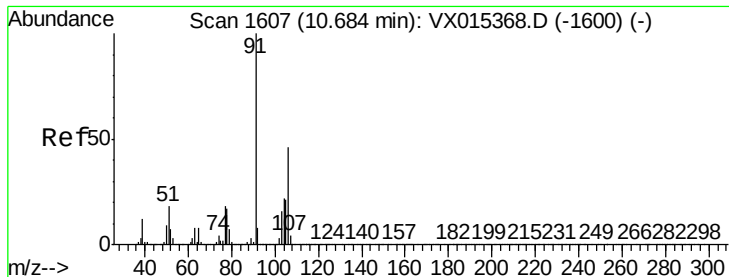
Tgt Ion: 106 Resp: 677857

Ion Ratio Lower Upper

106 100

91 194.6 163.4 245.0

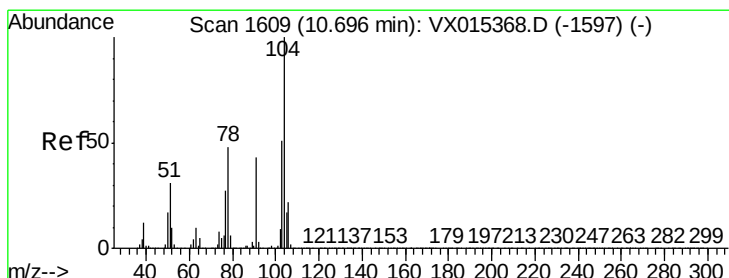
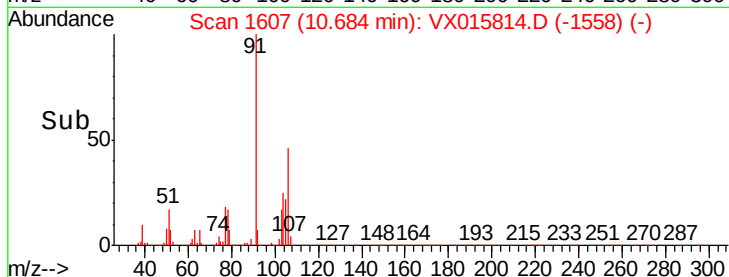
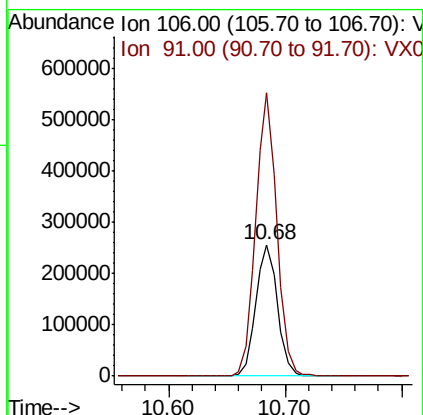
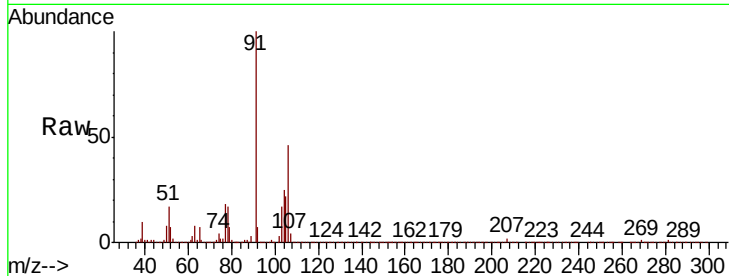




#69
o-Xylene
Concen: 19.658 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

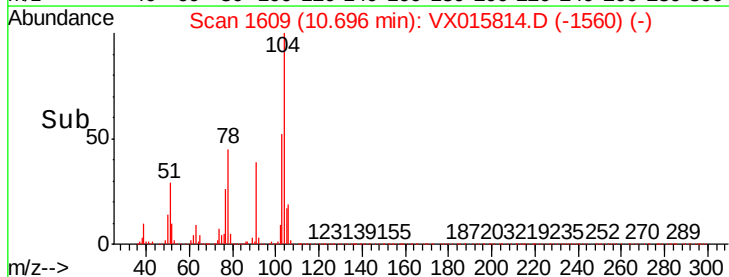
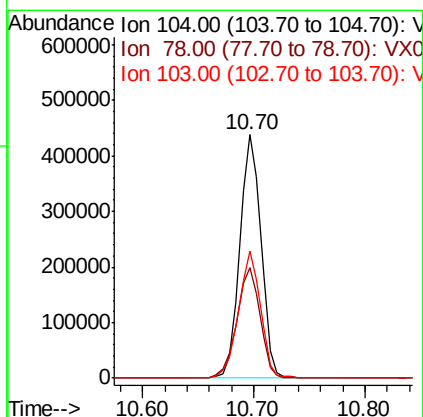
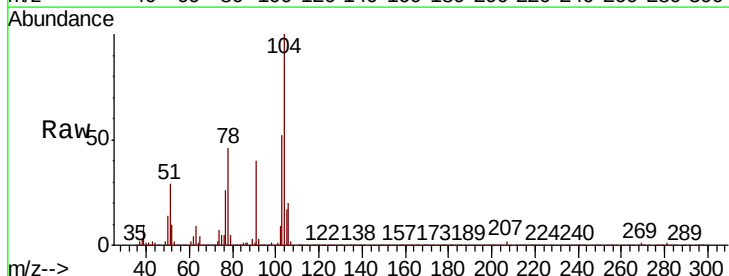
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD02

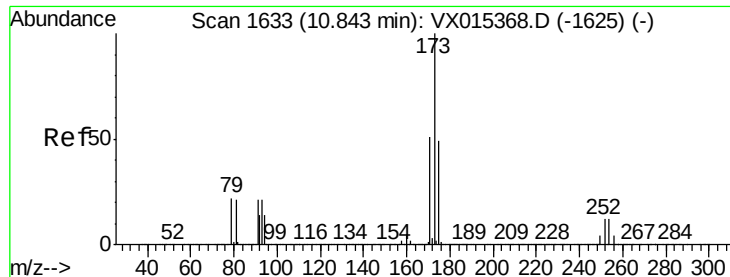
Tot Ion:106 Resp: 331239
Ion Ratio Lower Upper
106 100
91 209.4 107.1 321.3



#70
Styrene
Concen: 19.454 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Tgt Ion:104 Resp: 576825
Ion Ratio Lower Upper
104 100
78 49.4 42.0 63.0
103 54.0 43.4 65.0

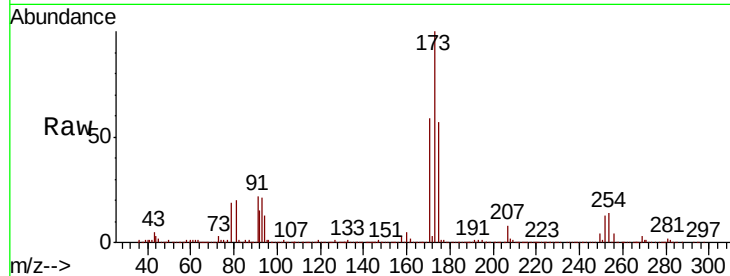




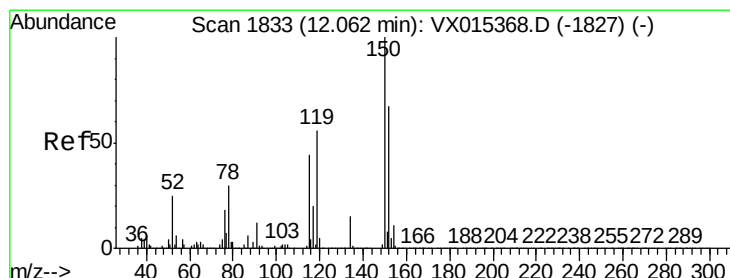
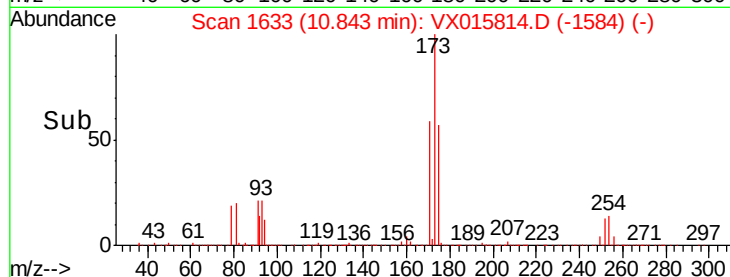
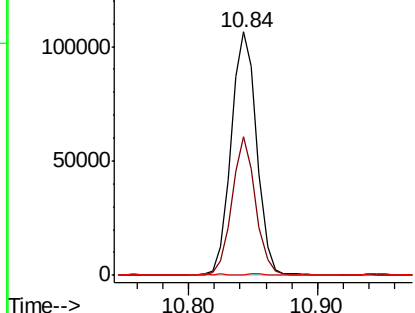
#71
Bromoform
Concen: 15.631 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD02

Tot Ion:173 Resp: 146776
Ion Ratio Lower Upper
173 100
175 52.4 23.9 71.7
254 0.5 0.1 0.1#

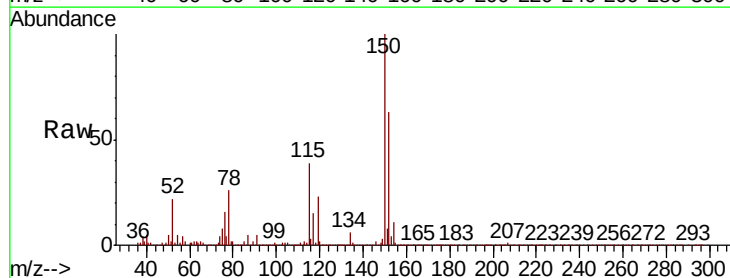


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

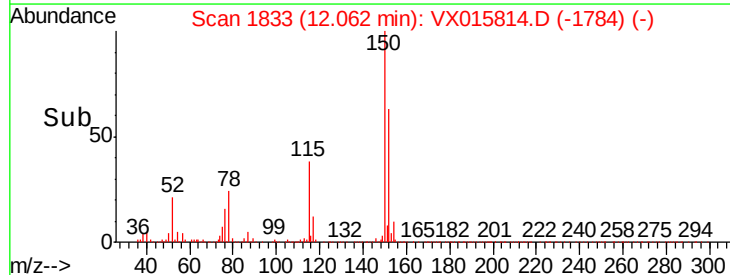
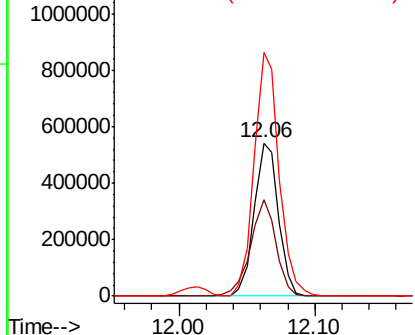


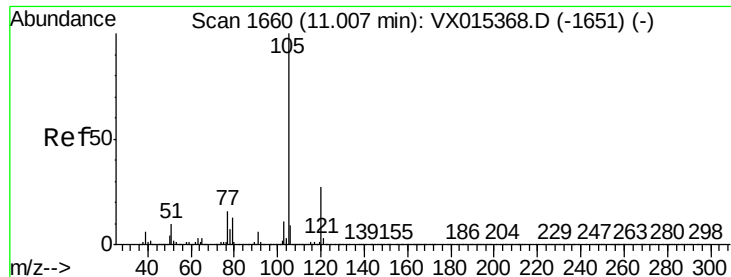
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Tgt Ion:152 Resp: 682341
Ion Ratio Lower Upper
152 100
115 65.1 39.0 116.9
150 162.9 0.0 340.8



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





#73

Isopropylbenzene

Concen: 19.751 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

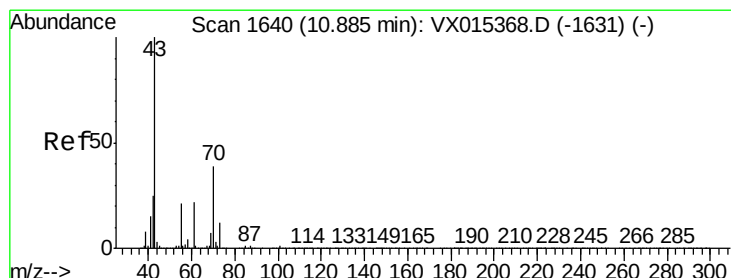
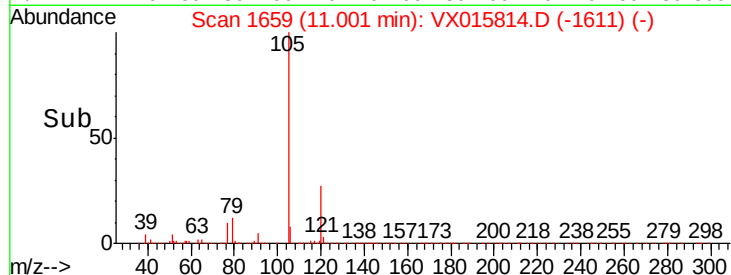
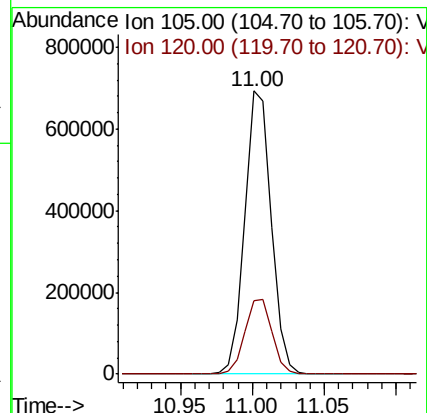
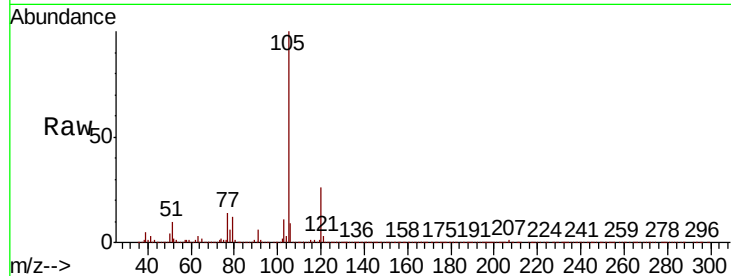
VX0421WBSD02

Tot Ion:105 Resp: 883051

Ion Ratio Lower Upper

105 100

120 27.1 13.2 39.5



#74

N-ethyl acetate

Concen: 18.417 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Tgt Ion: 43 Resp: 457962

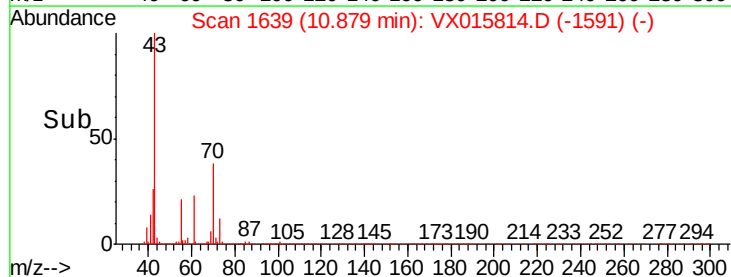
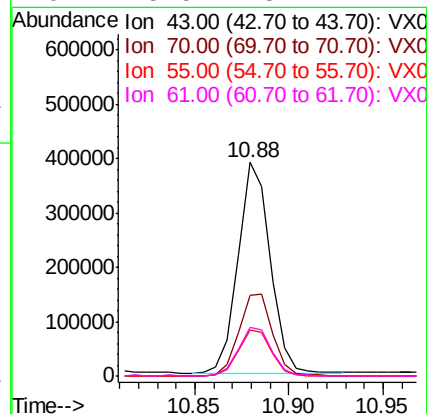
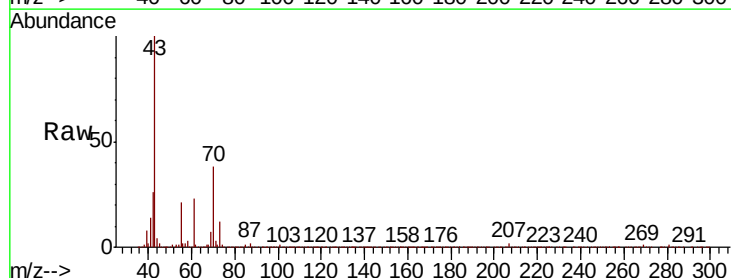
Ion Ratio Lower Upper

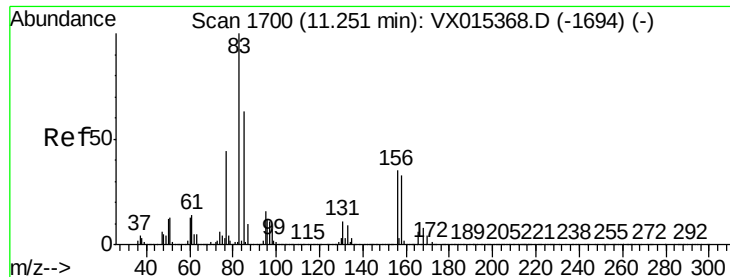
43 100

70 40.4 30.2 45.4

55 22.1 16.8 25.2

61 23.5 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 12.257 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD02

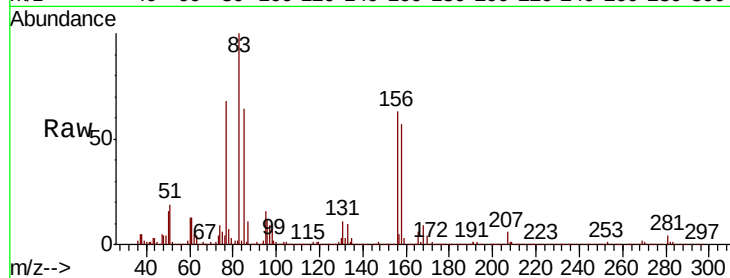
Tot Ion: 83 Resp: 188033

Ion Ratio Lower Upper

83 100

131 11.7 5.3 16.1

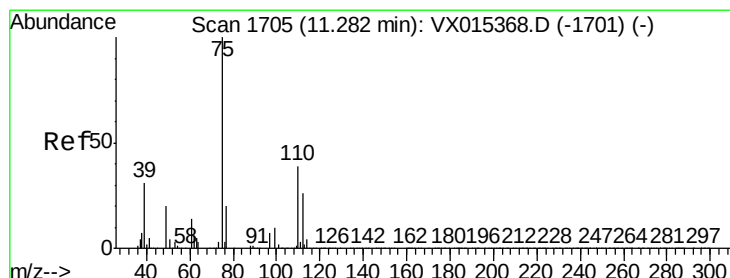
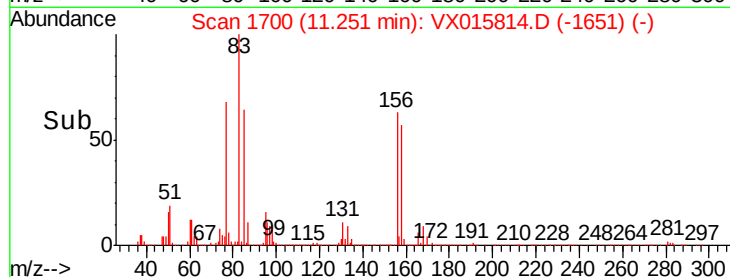
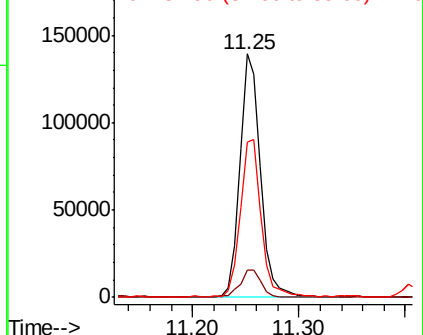
85 65.8 32.0 96.0



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: 24.253 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015814.D

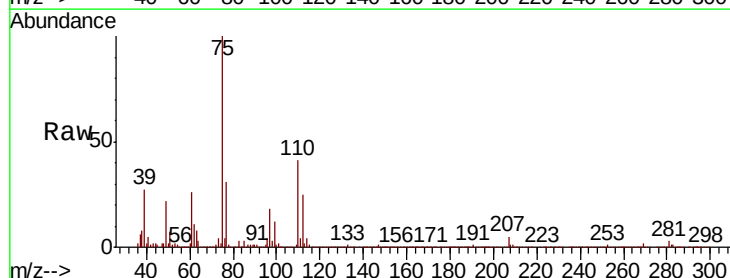
Acq: 21 Apr 2020 23:49

Tgt Ion: 75 Resp: 340307

Ion Ratio Lower Upper

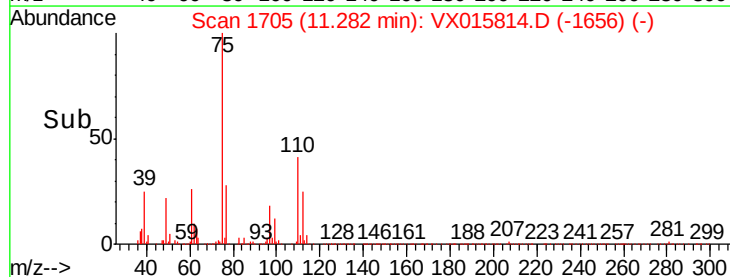
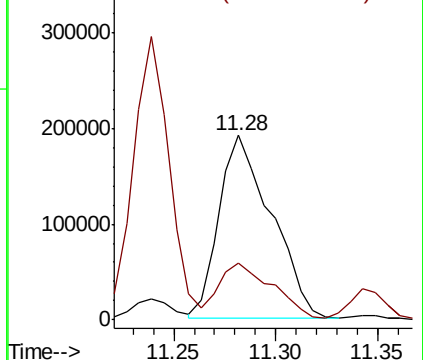
75 100

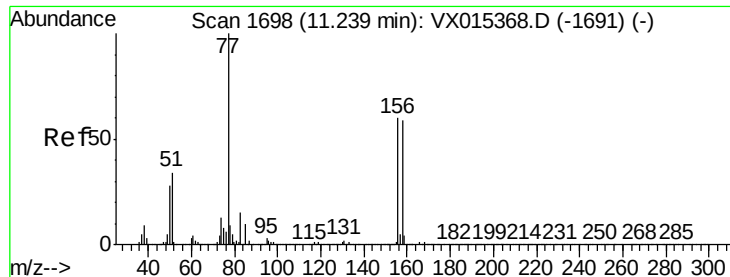
77 31.7 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.730 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD02

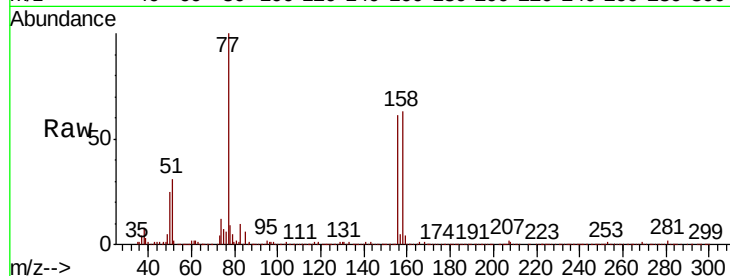
Tot Ion:156 Resp: 235290

Ion Ratio Lower Upper

156 100

77 154.1 82.2 246.5

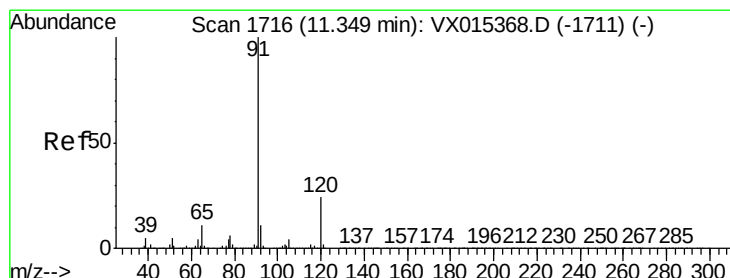
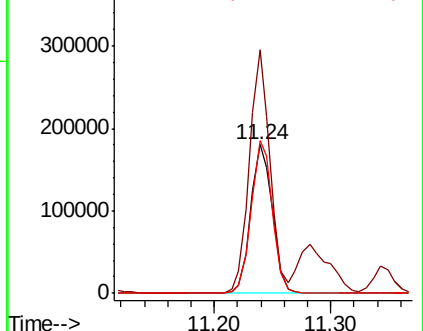
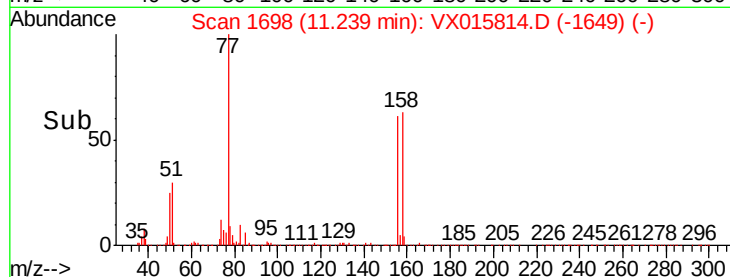
158 99.9 49.3 147.9



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: 19.281 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015814.D

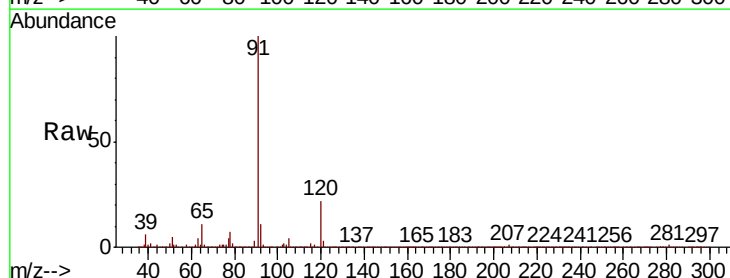
Acq: 21 Apr 2020 23:49

Tgt Ion: 91 Resp: 985711

Ion Ratio Lower Upper

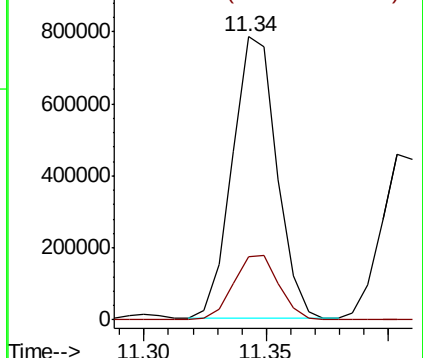
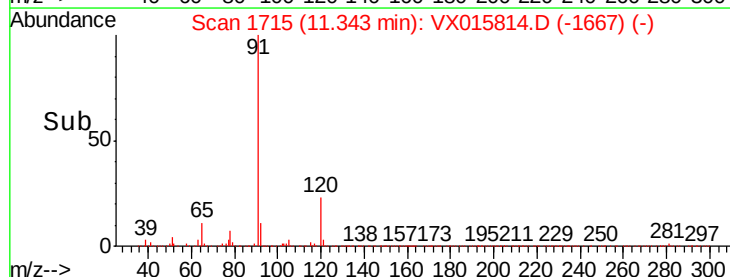
91 100

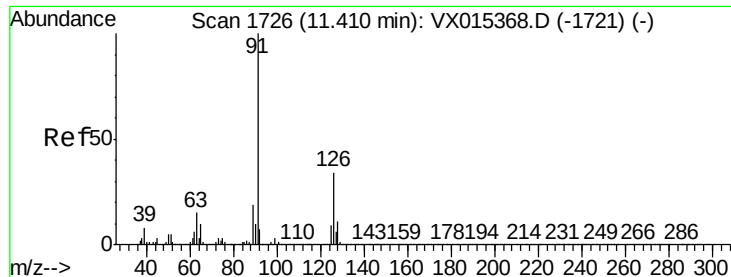
120 23.5 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

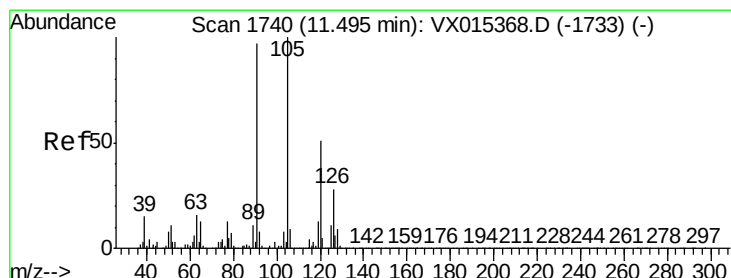
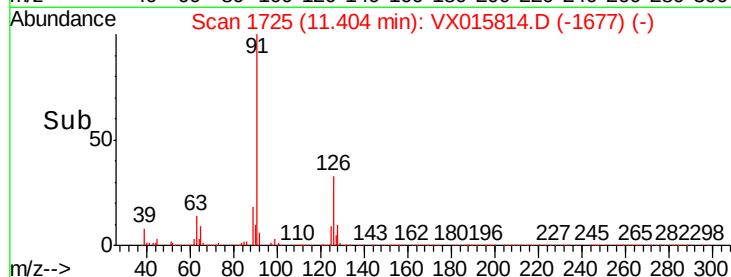
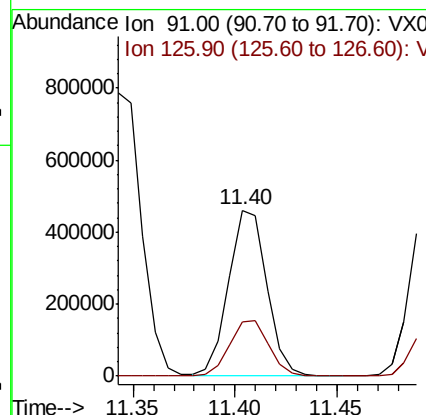
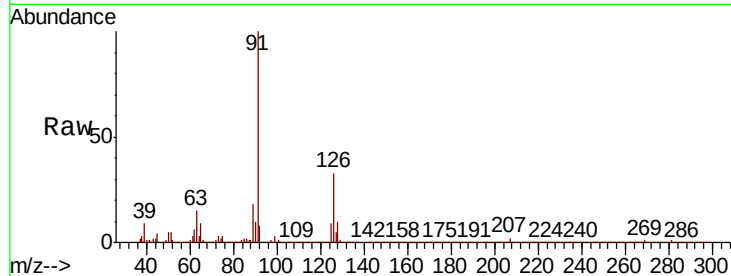




#79
 2-Chlorotoluene
 Concen: 18.895 ug/l
 RT: 11.40 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: VX015814.D
 Acq: 21 Apr 2020 23:49

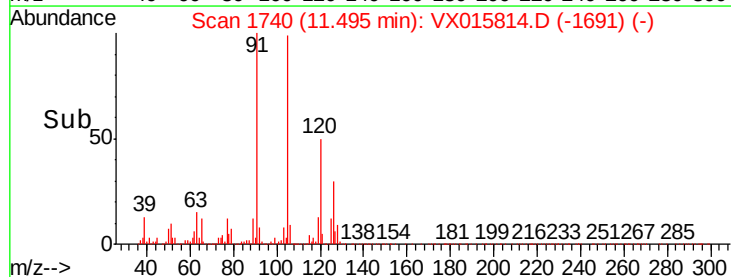
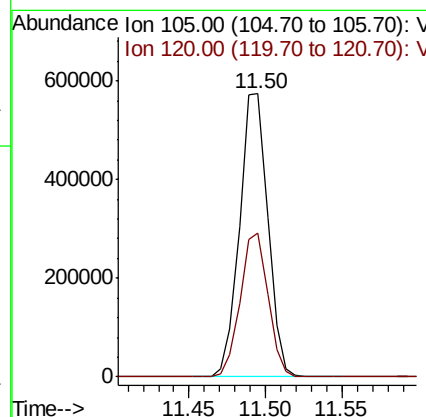
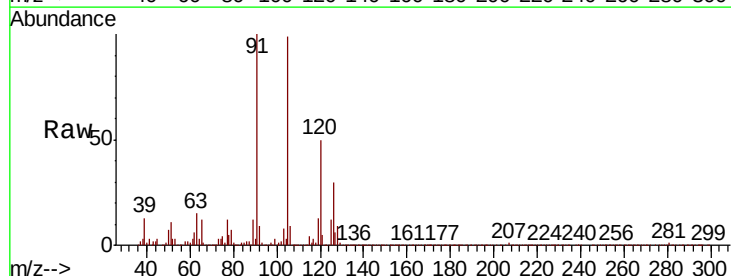
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD02

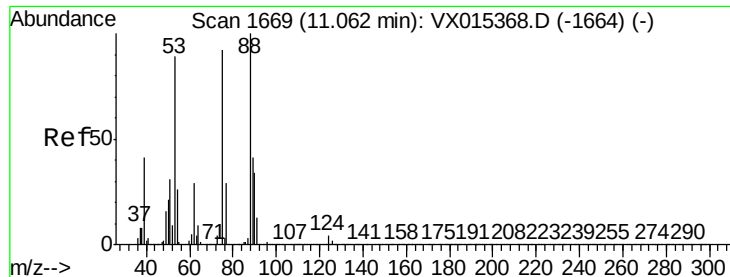
Tot Ion: 91 Resp: 592073
 Ion Ratio Lower Upper
 91 100
 126 34.4 16.5 49.5



#80
 1,3,5-Trimethylbenzene
 Concen: 19.297 ug/l
 RT: 11.50 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: VX015814.D
 Acq: 21 Apr 2020 23:49

Tgt Ion: 105 Resp: 736796
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 17.232 ug/l

RT: 11.06 min Scan# 1668

Delta R.T. -0.01 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampled :

VX0421WBSD02

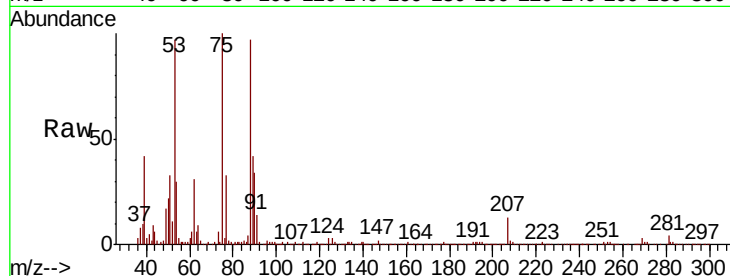
Tot Ion: 75 Resp: 100772

Ion Ratio Lower Upper

75 100

53 91.6 80.1 120.1

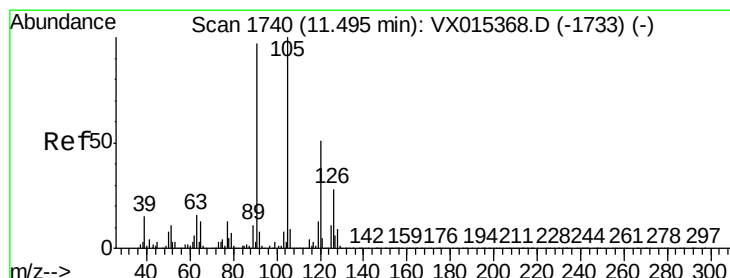
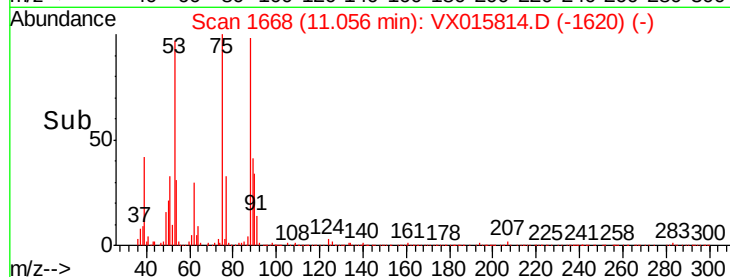
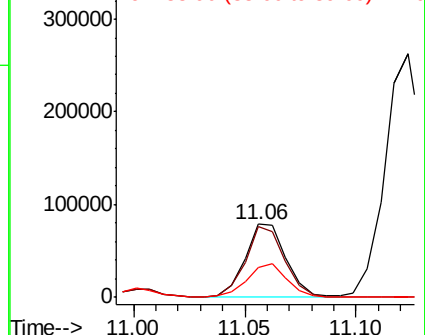
89 46.1 36.1 54.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.184 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015814.D

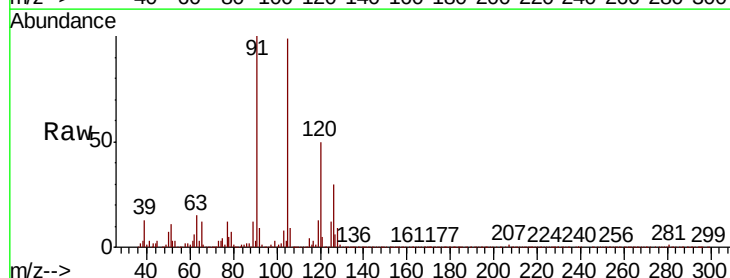
Acq: 21 Apr 2020 23:49

Tgt Ion: 91 Resp: 704707

Ion Ratio Lower Upper

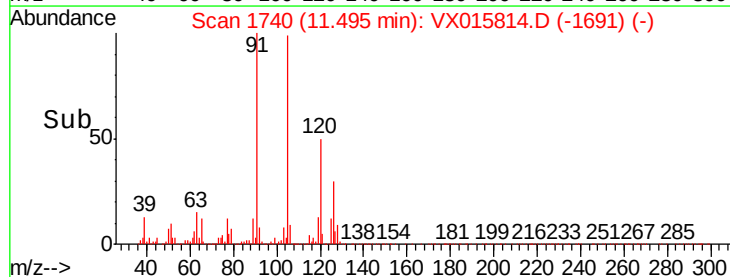
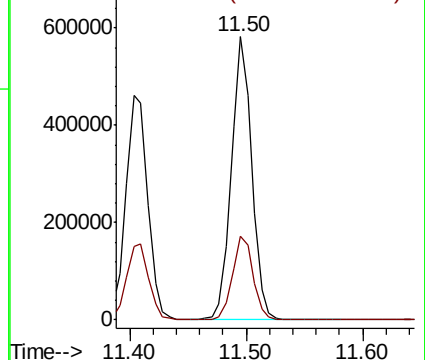
91 100

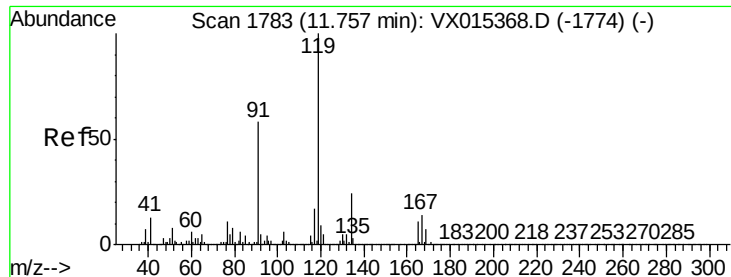
126 29.8 14.7 44.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

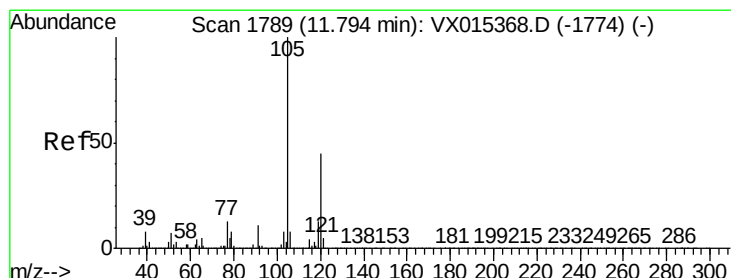
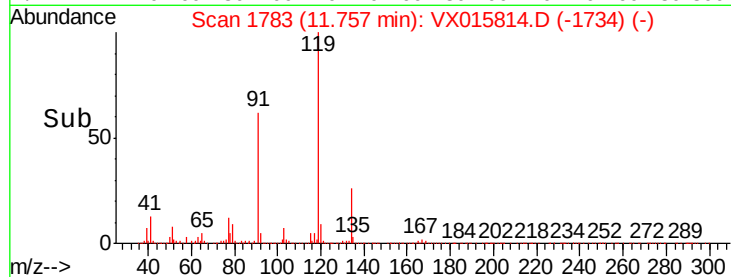
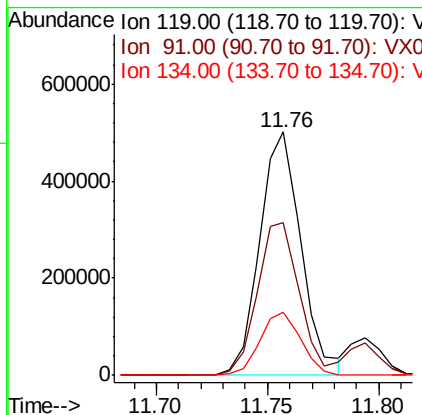
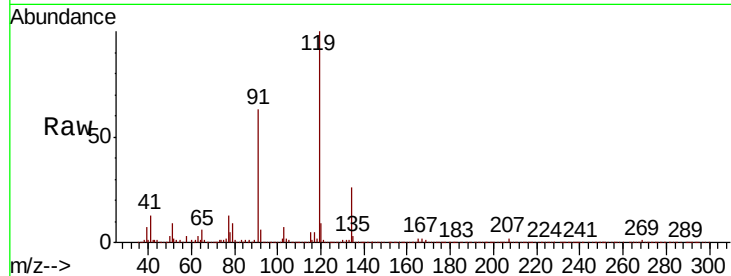




#83
 tert-Butylbenzene
 Concen: 17.349 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX015814.D
 Acq: 21 Apr 2020 23:49

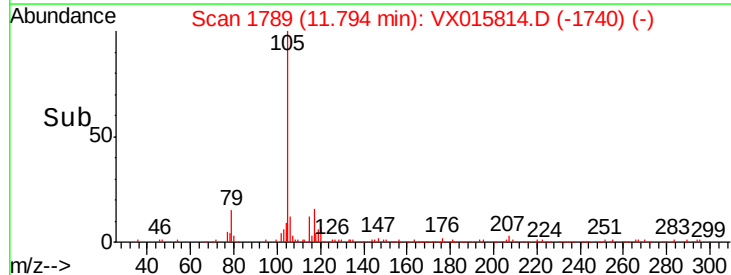
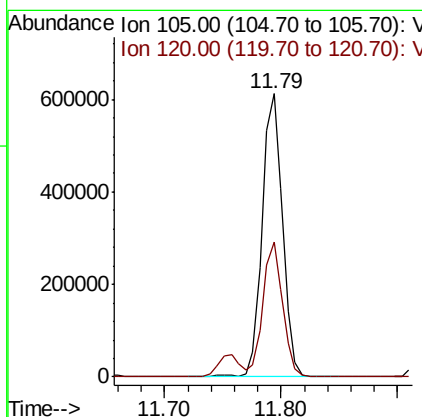
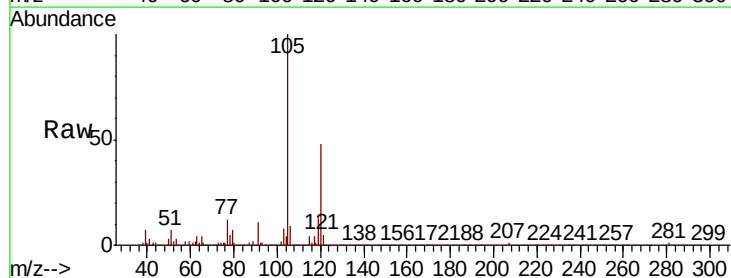
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD02

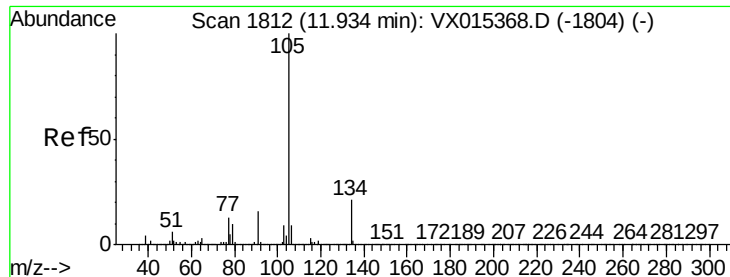
Tot Ion:119 Resp: 647062
 Ion Ratio Lower Upper
 119 100
 91 63.3 28.6 85.8
 134 25.7 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 19.199 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015814.D
 Acq: 21 Apr 2020 23:49

Tgt Ion:105 Resp: 747022
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.7 68.1

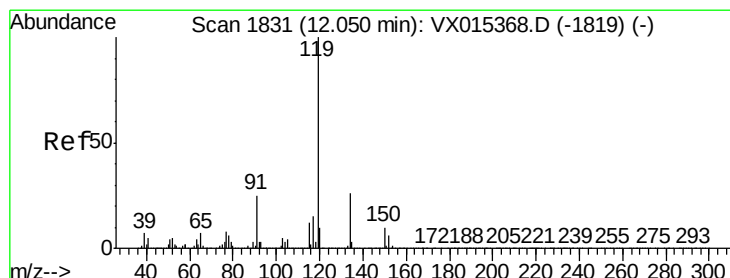
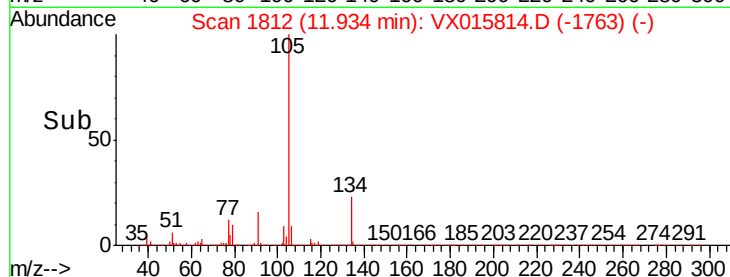
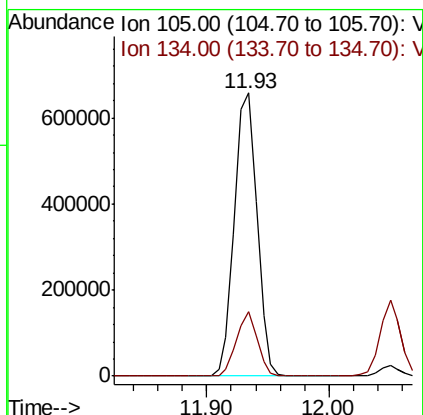
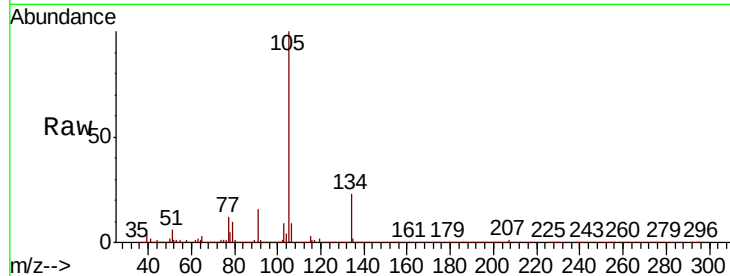




#85
 sec-Butylbenzene
 Concen: 19.436 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015814.D
 Acq: 21 Apr 2020 23:49

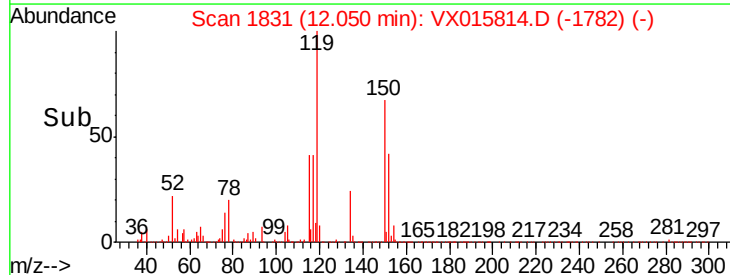
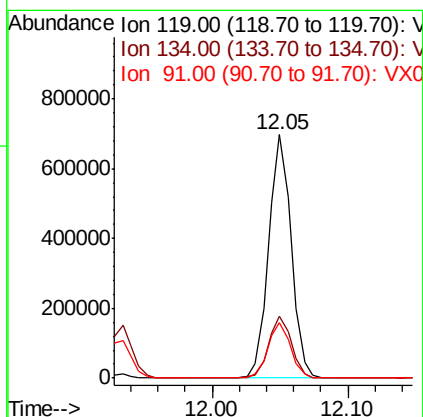
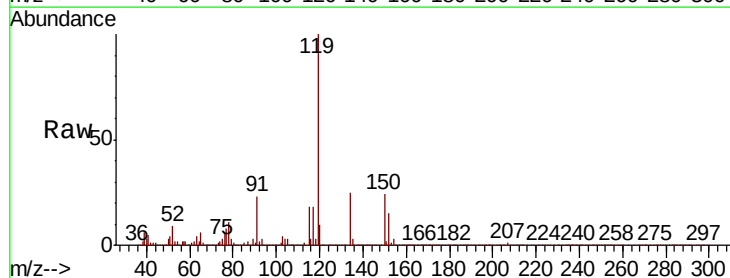
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD02

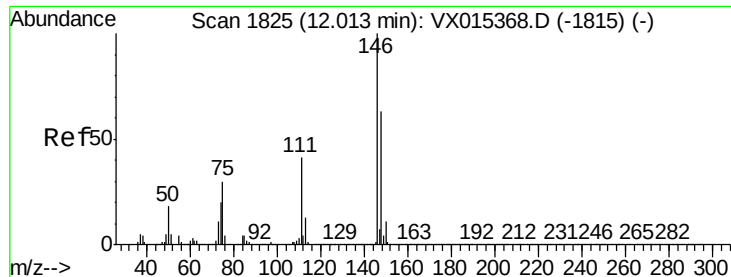
Tot Ion:105 Resp: 838368
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 20.233 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: VX015814.D
 Acq: 21 Apr 2020 23:49

Tgt Ion:119 Resp: 810190
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.3
 91 22.9 12.4 37.4

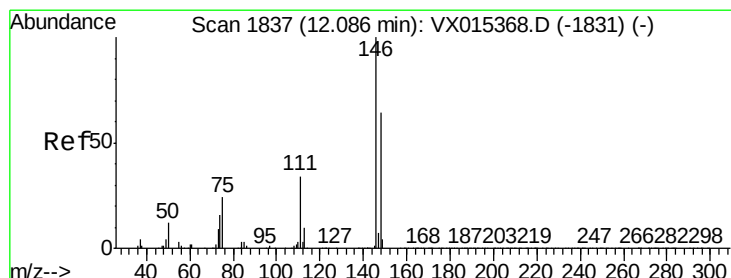
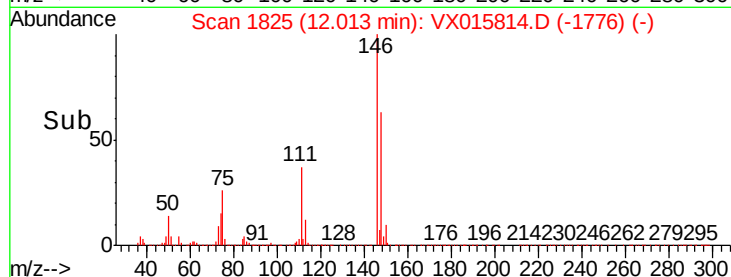
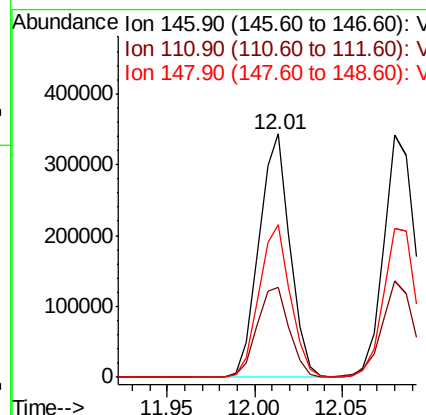
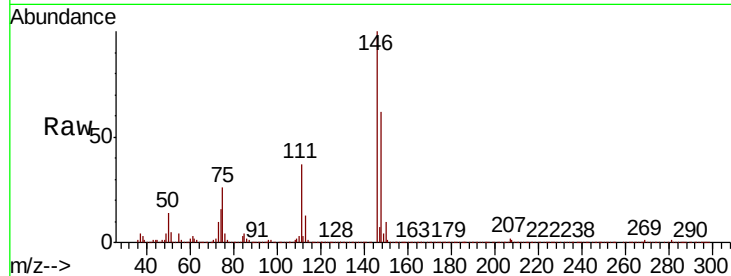




#87
 1,3-Dichlorobenzene
 Concen: 19.793 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015814.D
 Acq: 21 Apr 2020 23:49

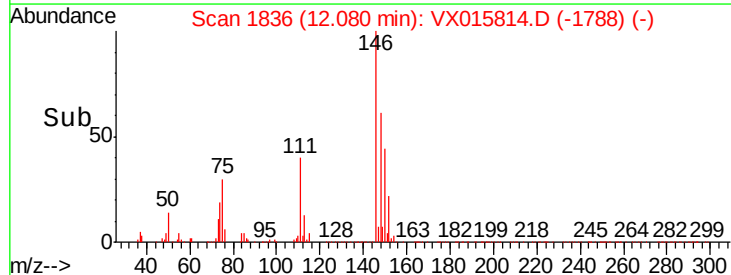
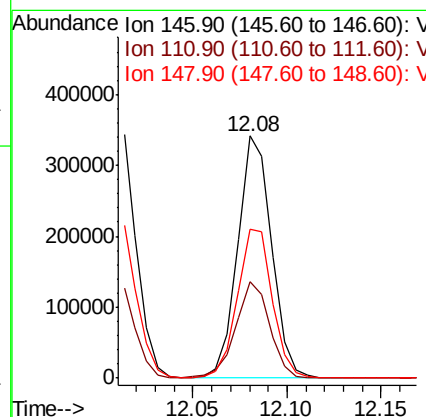
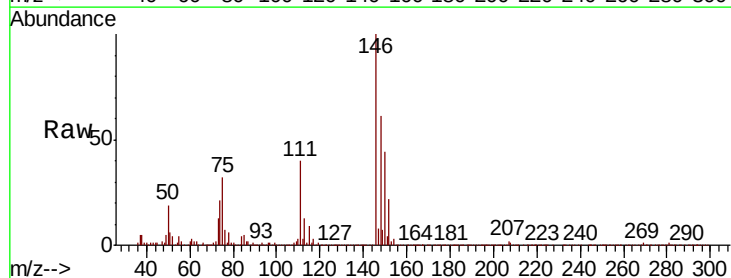
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD02

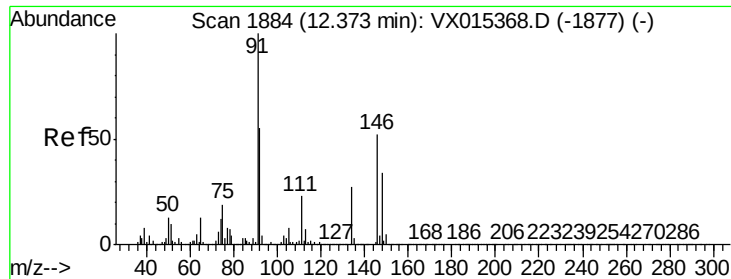
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.3	60.9
148	63.0	31.3	93.9



#88
 1,4-Dichlorobenzene
 Concen: 19.556 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015814.D
 Acq: 21 Apr 2020 23:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.1	57.5
148	63.3	32.4	97.2

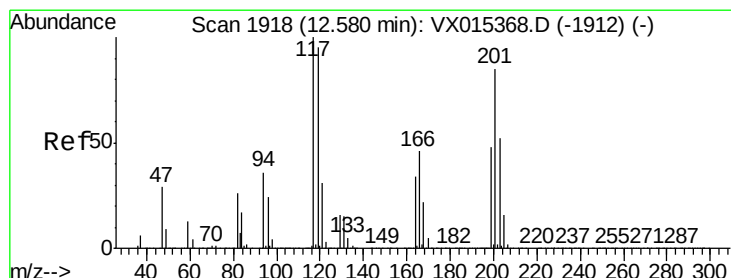
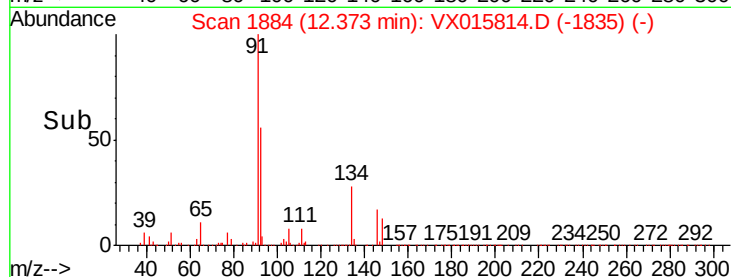
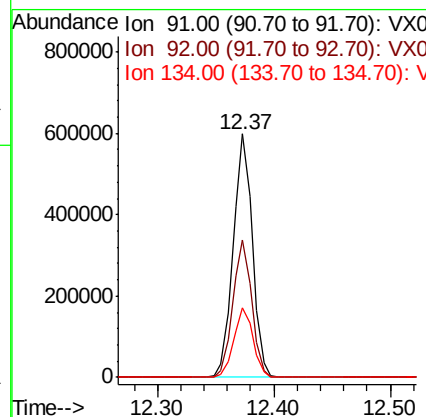
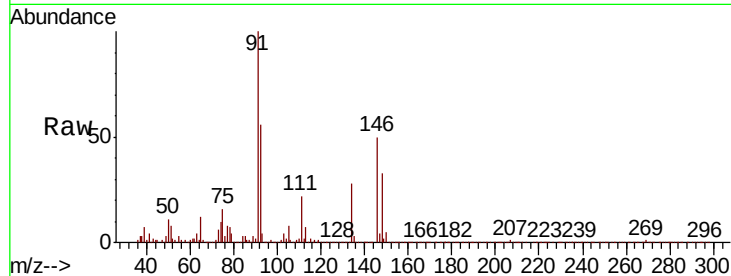




#89
n-Butylbenzene
Concen: 18.820 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

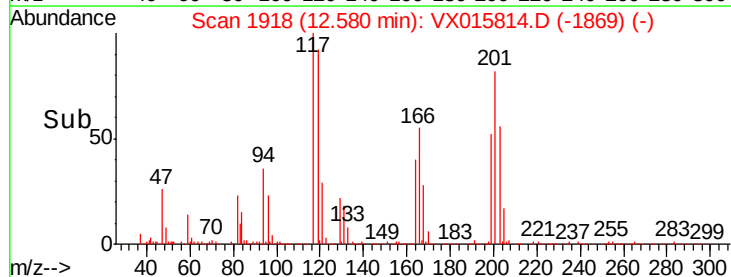
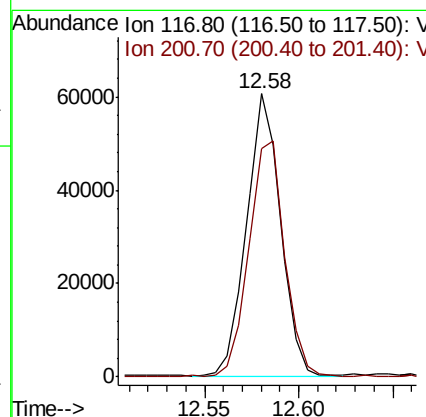
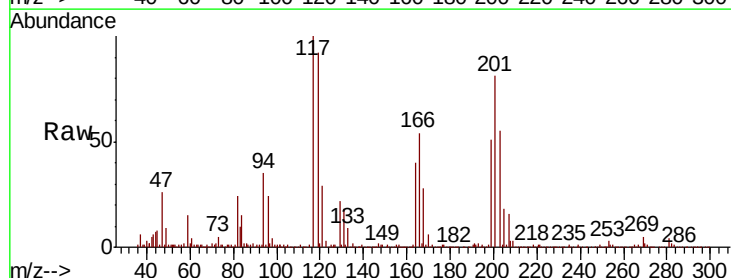
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD02

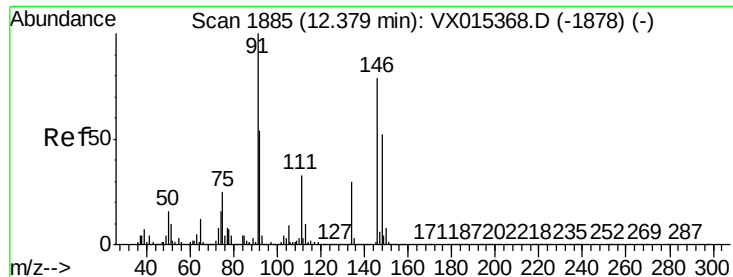
Tot Ion: 91 Resp: 681040
Ion Ratio Lower Upper
91 100
92 55.7 27.2 81.5
134 28.6 13.4 40.2



#90
Hexachloroethane
Concen: 9.699 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Tgt Ion: 117 Resp: 75595
Ion Ratio Lower Upper
117 100
201 88.4 42.6 128.0

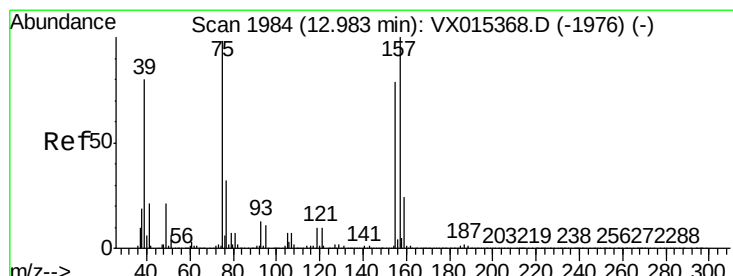
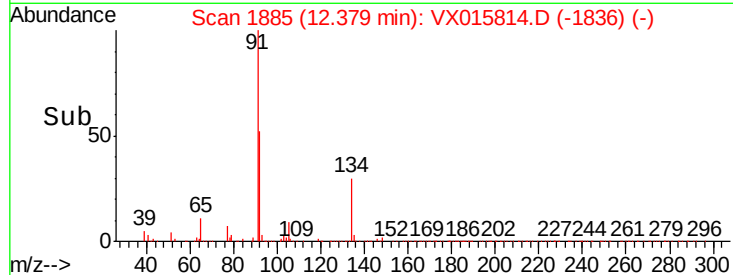
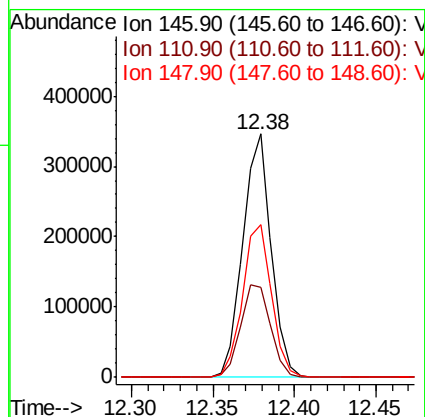
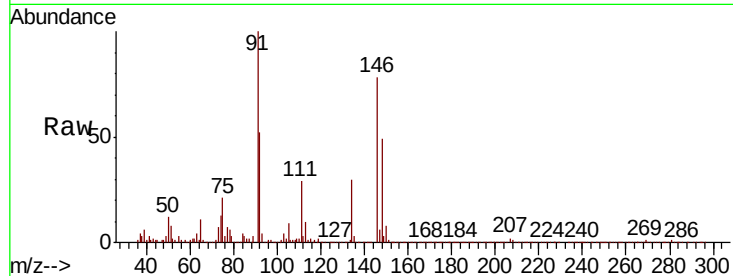




#91
 1,2-Dichlorobenzene
 Concen: 20.081 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015814.D
 Acq: 21 Apr 2020 23:49

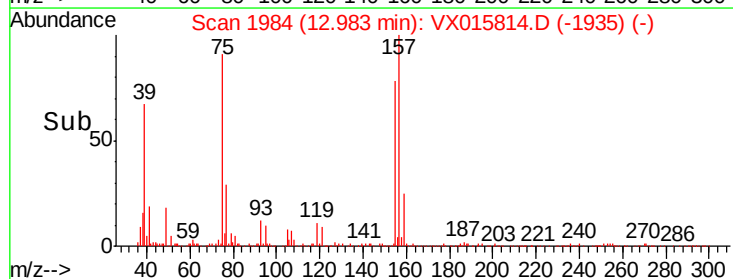
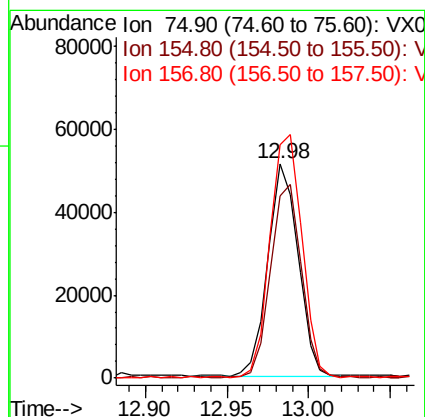
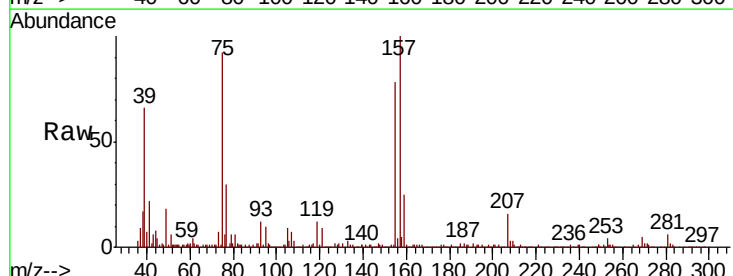
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD02

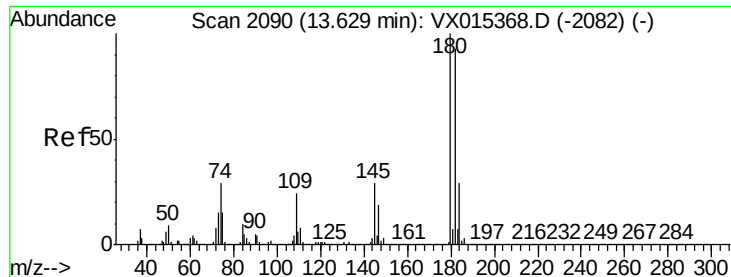
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	21.0	63.0
148	64.1	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.179 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015814.D
 Acq: 21 Apr 2020 23:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.4	42.8	128.4
157	120.3	53.4	160.3

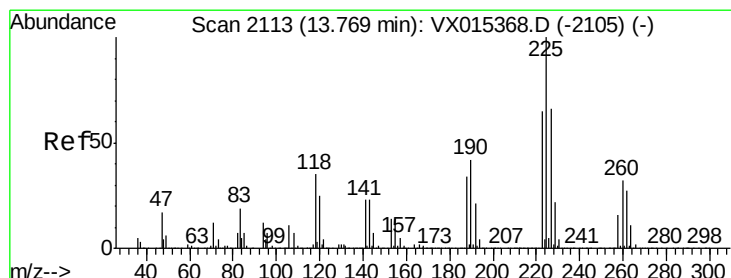
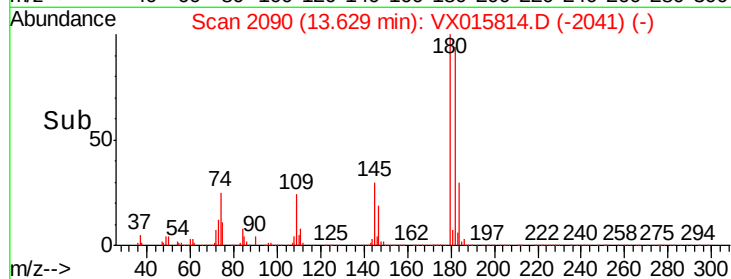
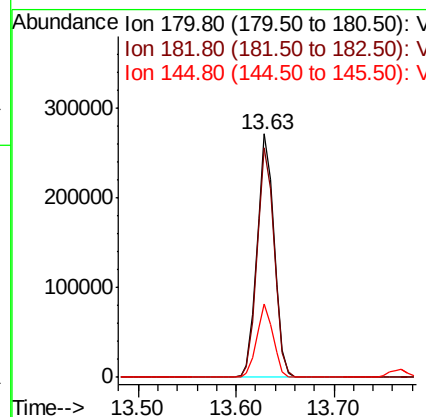
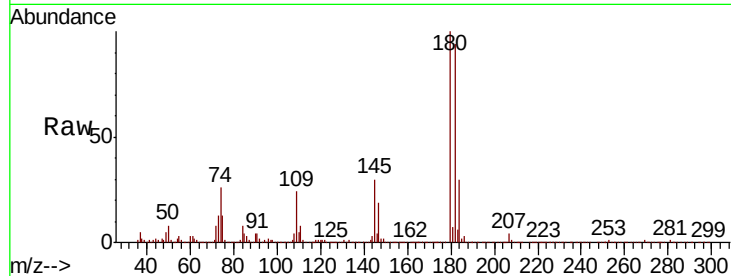




#93
 1,2,4-Trichlorobenzene
 Concen: 19.913 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015814.D
 Acq: 21 Apr 2020 23:49

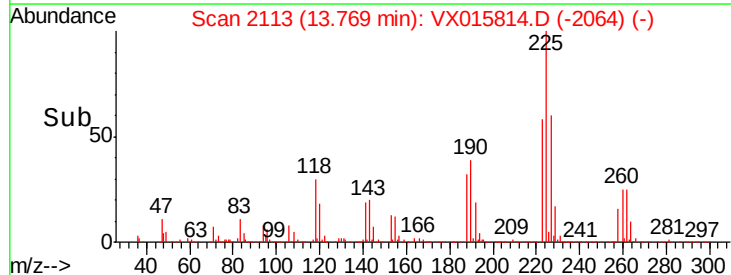
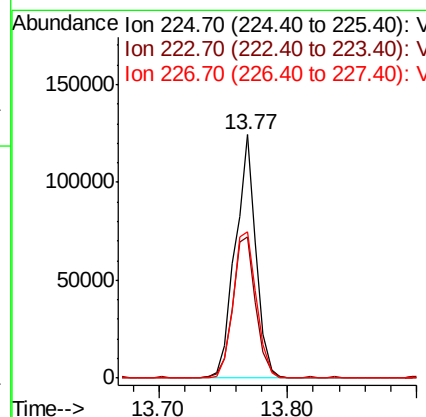
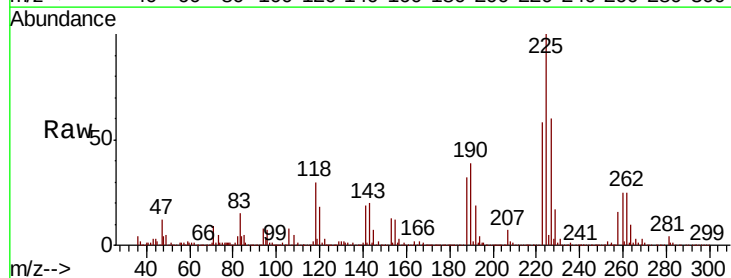
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD02

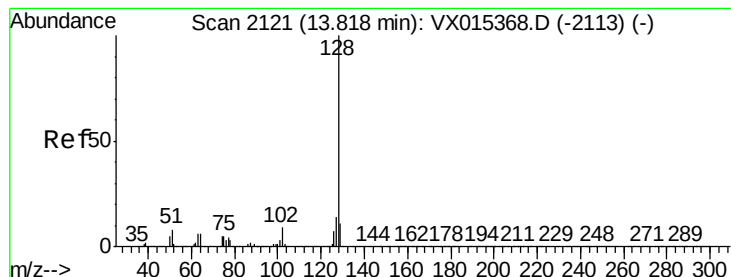
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	46.9	140.7
145	29.2	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 17.772 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015814.D
 Acq: 21 Apr 2020 23:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.9	95.7
227	67.3	30.4	91.3





#95

Naphthalene

Concen: 19.157 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD02

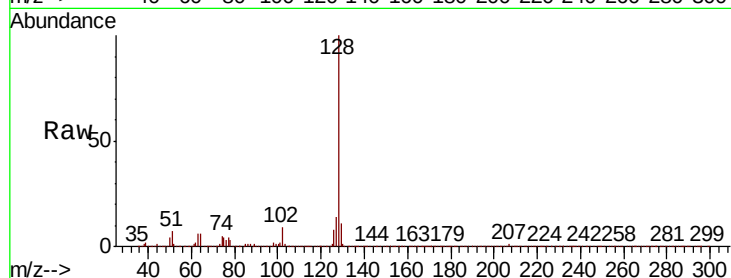
Tot Ion:128 Resp: 965717

Ion Ratio Lower Upper

128 100

127 13.5 10.6 15.8

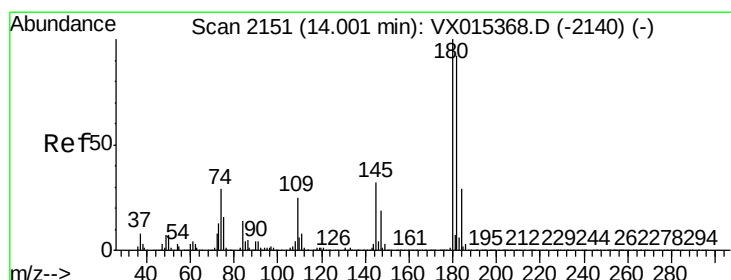
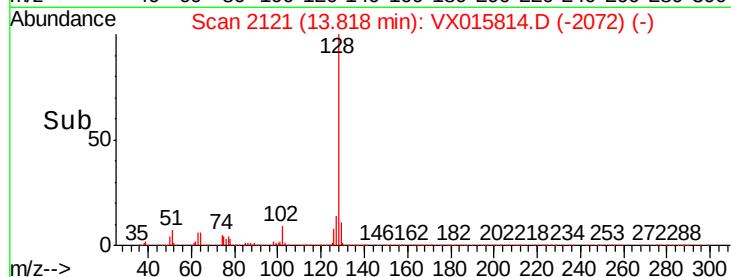
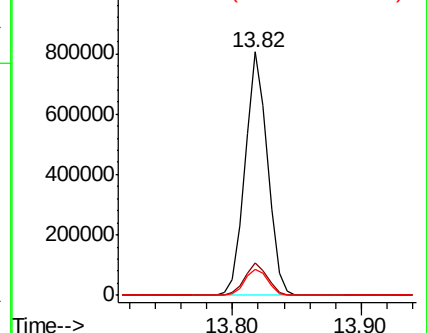
129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.960 ug/l

RT: 14.01 min Scan# 2152

Delta R.T. 0.01 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

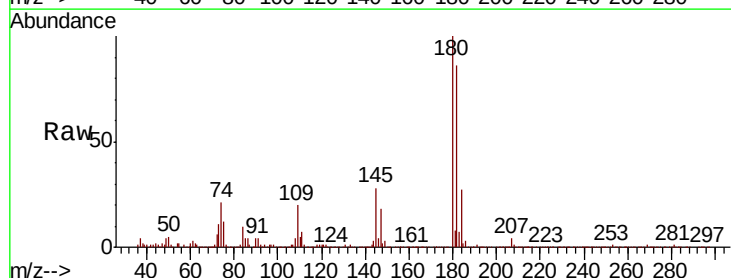
Tgt Ion:180 Resp: 317585

Ion Ratio Lower Upper

180 100

182 95.6 46.7 140.0

145 30.2 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

