

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072619\
 Data File : VX011123.D
 Acq On : 27 Jul 2019 05:03
 Operator : JC/SP
 Sample : K3620-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-02-072519-B

Quant Time: Jul 27 07:02:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	192648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	311089	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	301179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	142043	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	106635	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
35) Dibromofluoromethane	5.50	113	97584	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
50) Toluene-d8	8.71	98	385073	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
62) 4-Bromofluorobenzene	11.13	95	136833	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.29	85	22	0.557	ug/l #	43
3) Chloromethane	1.33	50	514	0.290	ug/l #	57
5) Bromomethane	1.65	94	219	0.215	ug/l #	70
8) Diethyl Ether	2.19	74	792	0.751	ug/l	84
11) Tert butyl alcohol	3.05	59	641	1.343	ug/l #	76
13) Acrolein	2.30	56	239	0.867	ug/l #	75
16) Acetone	2.44	43	514396	555.716	ug/l	98
18) Methyl Acetate	2.78	43	1787	0.848	ug/l	98
20) Methylene Chloride	2.86	84	160411	81.774	ug/l	98
25) 2-Butanone	4.68	43	2765	2.081	ug/l	97
36) 1,1-Dichloropropene	5.66	75	13365	5.230	ug/l #	49
38) Carbon Tetrachloride	5.66	117	17918	6.729	ug/l #	18
39) Methylcyclohexane	7.46	83	1788	0.540	ug/l #	84
43) Isopropyl Acetate	6.45	43	11190	2.601	ug/l	99
48) Methyl methacrylate	7.67	41	5361	2.558	ug/l #	10
49) 1,4-Dioxane	7.87	88	47	0.802	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	54356	19.489	ug/l #	50
52) Toluene	8.78	92	1456	0.283	ug/l	96
54) cis-1,3-Dichloropropene	8.61	75	27078	8.931	ug/l #	65
57) 1,3-Dichloropropane	9.54	76	7058	2.101	ug/l #	43
59) 2-Hexanone	9.44	43	7513	3.473	ug/l #	23
60) Dibromochloromethane	9.58	129	60	2.551	ug/l #	11
67) Ethyl Benzene	10.25	91	10171	0.966	ug/l	98
68) m/p-Xylenes	10.35	106	19060	4.719	ug/l	98
69) o-Xylene	10.69	106	6862	1.741	ug/l	99
74) N-amyl acetate	10.69	43	7609	2.075	ug/l #	56
76) 1,2,3-Trichloropropane	11.13	75	68894	26.878	ug/l #	35
78) n-propylbenzene	11.36	91	4761	0.449	ug/l	94
79) 2-Chlorotoluene	11.43	91	3865	0.607	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	18028	2.248	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	68894	66.656	ug/l #	11
82) 4-Chlorotoluene	11.51	91	2183	0.294	ug/l #	46
83) tert-Butylbenzene	12.02	119	1886	0.239	ug/l	71
84) 1,2,4-Trimethylbenzene	11.80	105	62758	7.764	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

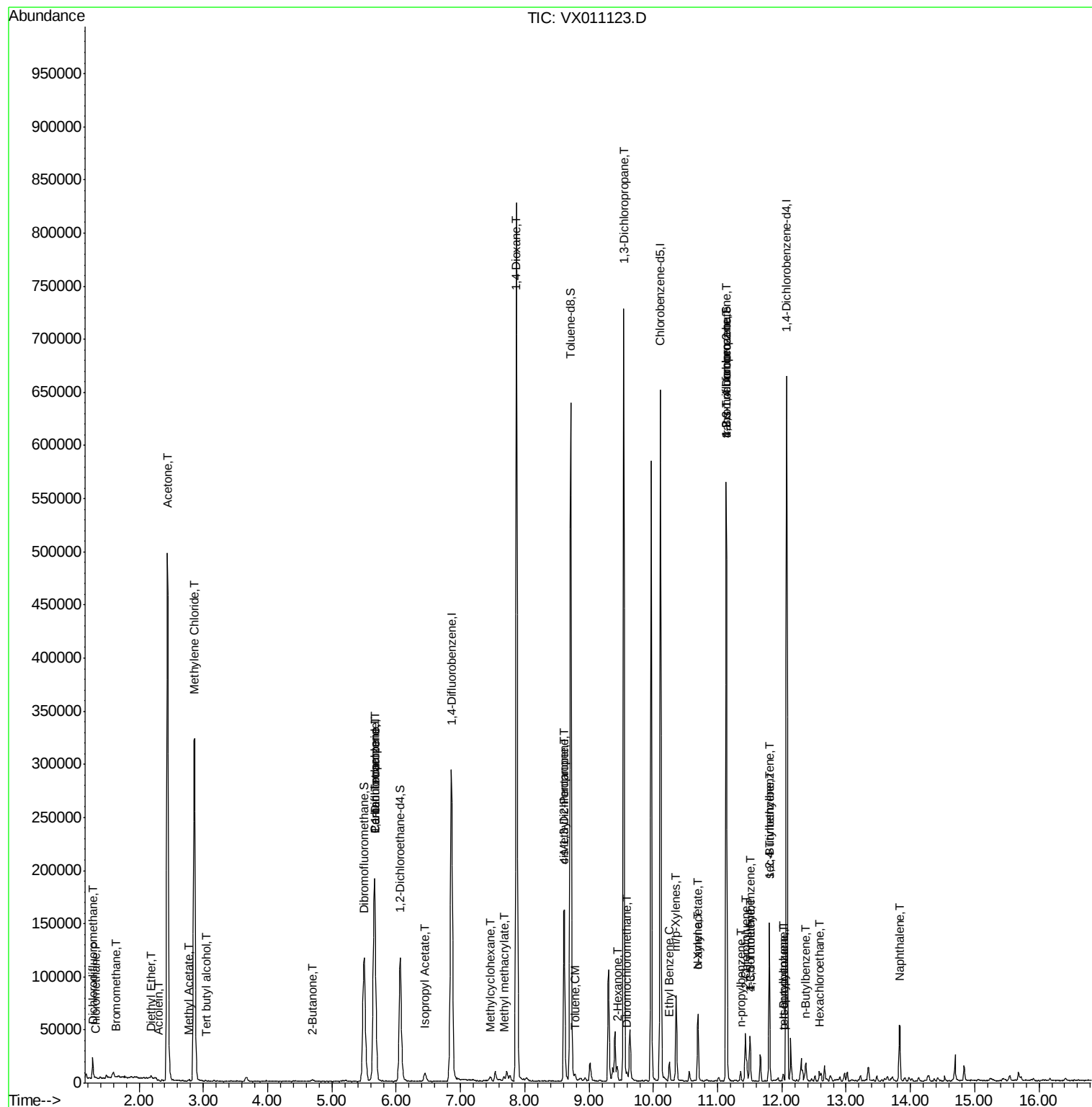
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.80	105	62758	6.799	ug/l #	55
86) p-Isopropyltoluene	12.02	119	1886	0.221	ug/l	82
89) n-Butylbenzene	12.38	91	2058	0.282	ug/l #	17
90) Hexachloroethane	12.58	117	456	0.339	ug/l #	6
95) Naphthalene	13.83	128	34690	3.807	ug/l	99

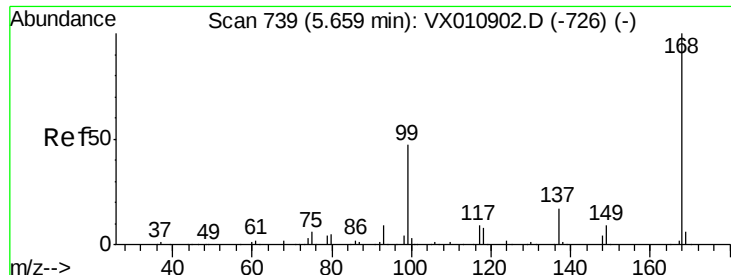
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072619\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011123.D

Acq: 27 Jul 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

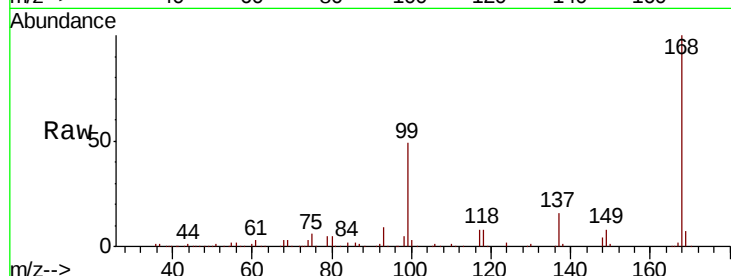
CL-02-072519-B

Tot Ion:168 Resp: 192648

Ion Ratio Lower Upper

168 100

99 49.3 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

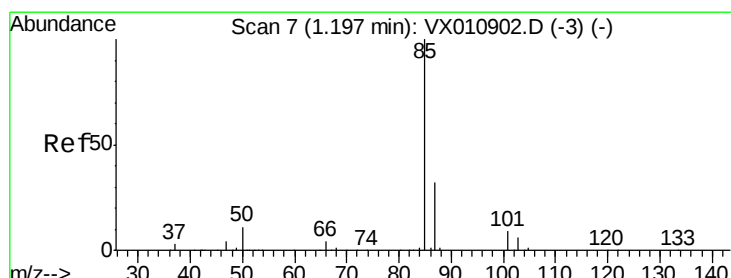
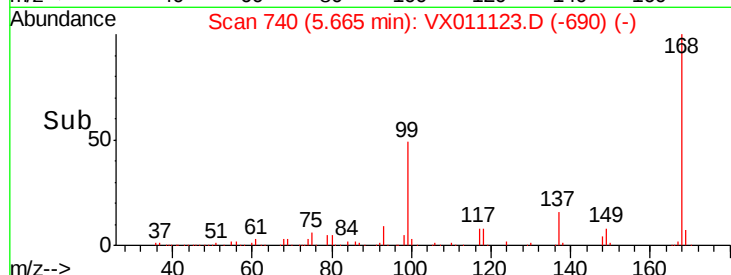
40000

20000

0

Time-->

5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.557 ug/l

RT: 1.29 min Scan# 23

Delta R.T. 0.10 min

Lab File: VX011123.D

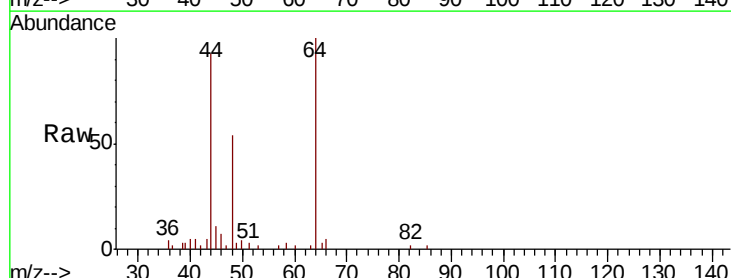
Acq: 27 Jul 2019 05:03

Tgt Ion: 85 Resp: 22

Ion Ratio Lower Upper

85 100

87 0.0 15.9 47.7#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.29

60

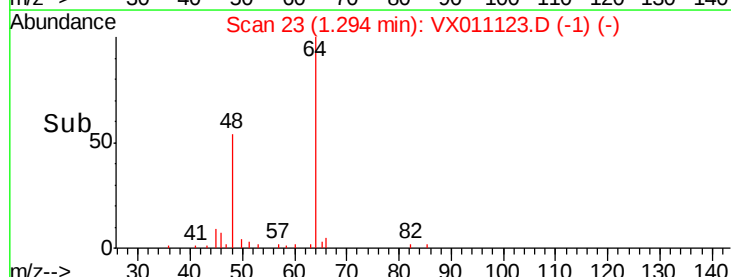
40

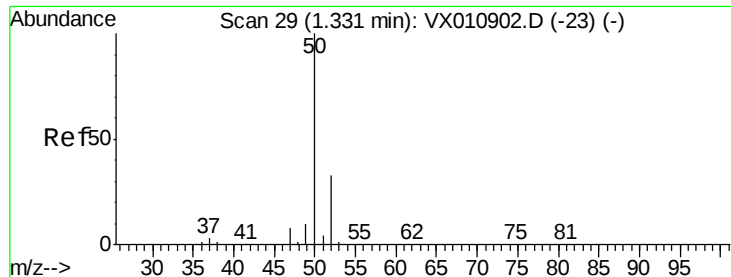
20

0

Time-->

1.27 1.28 1.29 1.30 1.31





#3

Chloromethane

Concen: 0.290 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX011123.D

Acq: 27 Jul 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

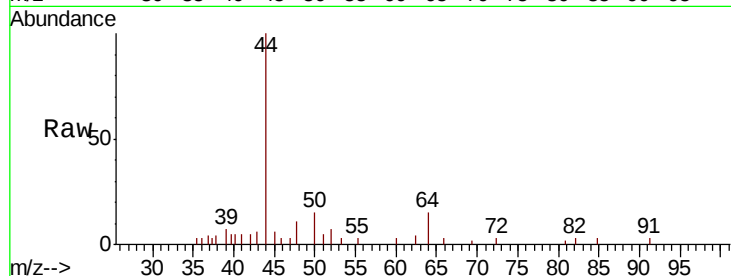
CL-02-072519-B

Tot Ion: 50 Resp: 514

Ion Ratio Lower Upper

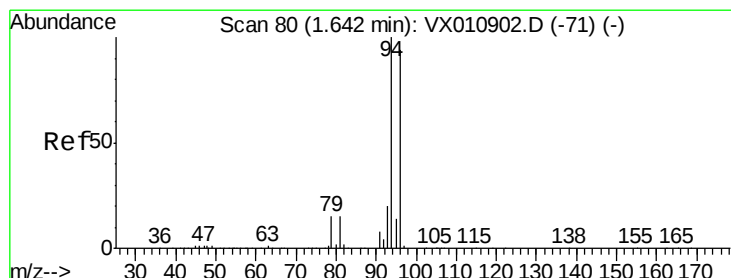
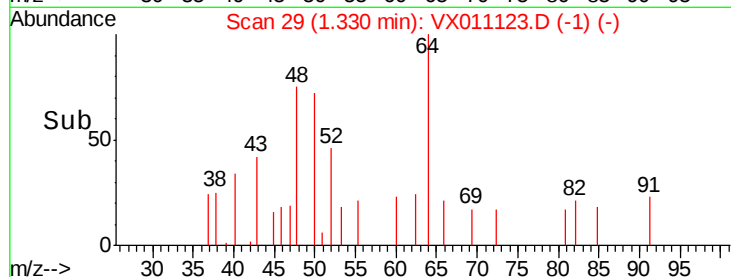
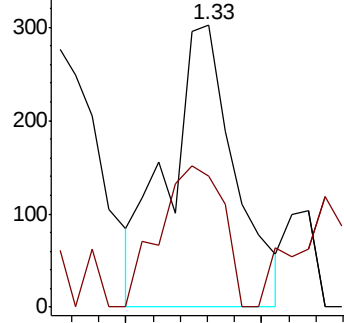
50 100

52 57.3 26.4 39.6#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: 0.215 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX011123.D

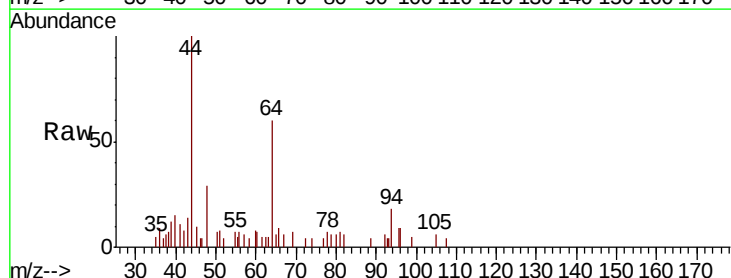
Acq: 27 Jul 2019 05:03

Tgt Ion: 94 Resp: 219

Ion Ratio Lower Upper

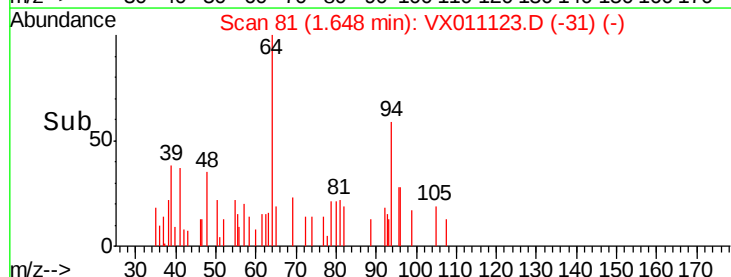
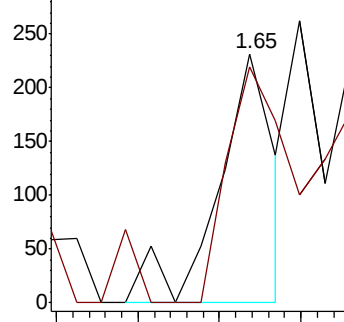
94 100

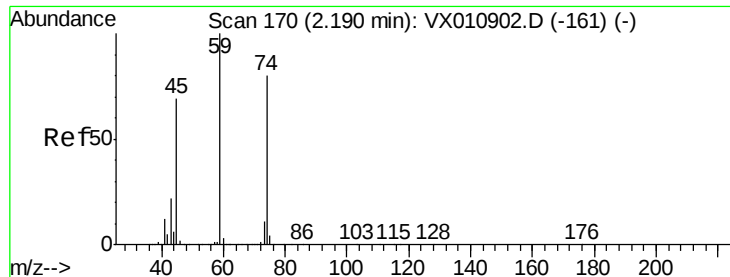
96 65.1 75.6 113.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#8

Diethyl Ether

Concen: 0.751 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX011123.D

Acq: 27 Jul 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

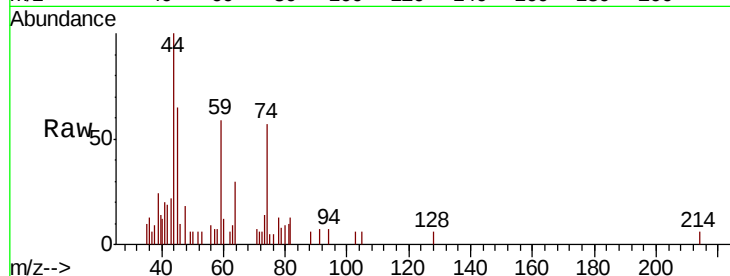
CL-02-072519-B

Tot Ion: 74 Resp: 792

Ion Ratio Lower Upper

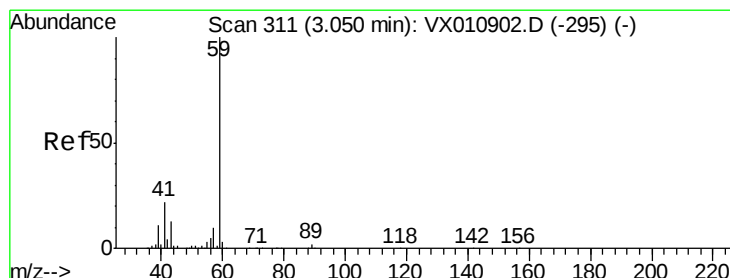
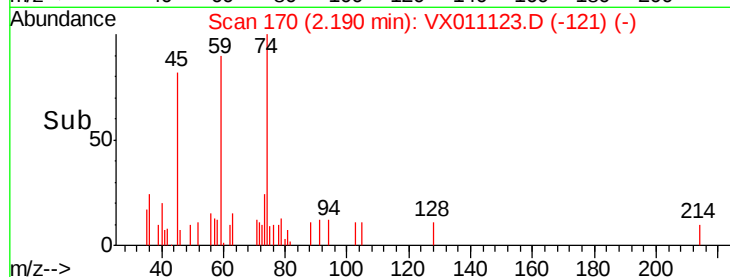
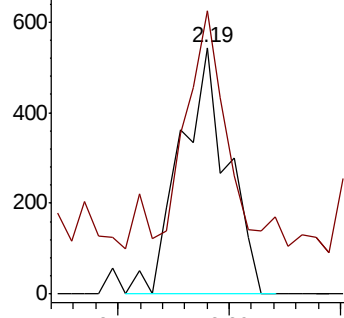
74 100

45 106.2 45.5 136.5



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#11

Tert butyl alcohol

Concen: 1.343 ug/l

RT: 3.05 min Scan# 311

Delta R.T. -0.00 min

Lab File: VX011123.D

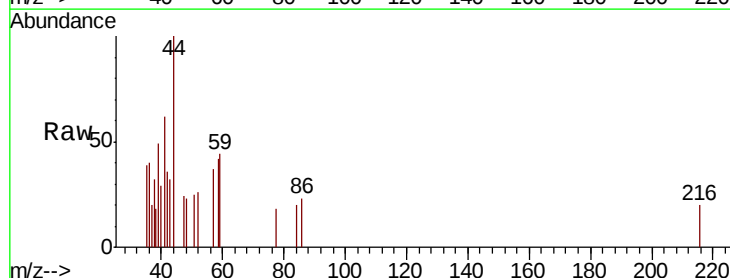
Acq: 27 Jul 2019 05:03

Tgt Ion: 59 Resp: 641

Ion Ratio Lower Upper

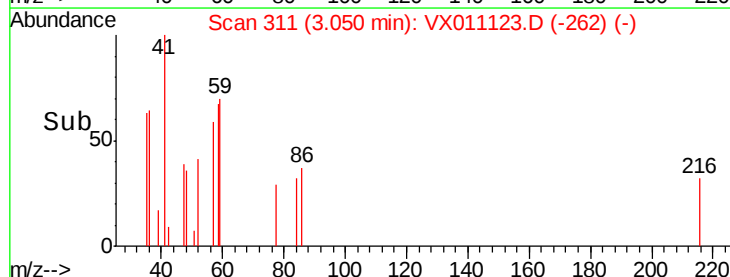
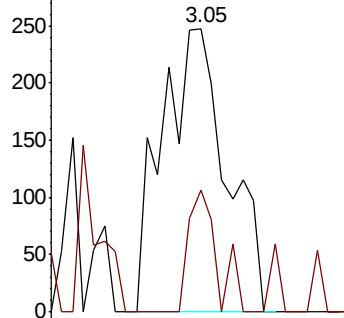
59 100

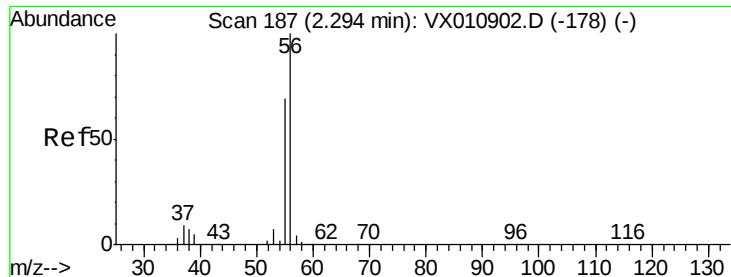
57 18.7 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.867 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX011123.D

Acq: 27 Jul 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

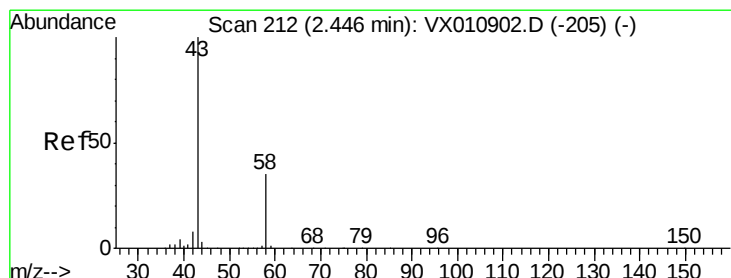
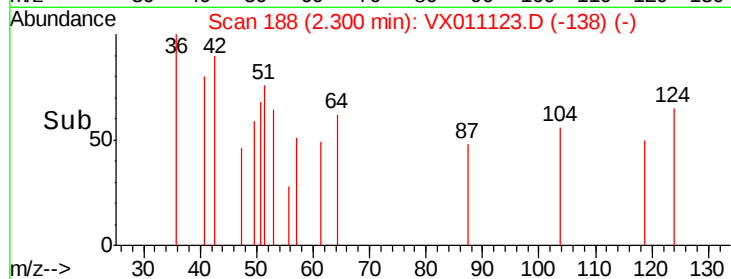
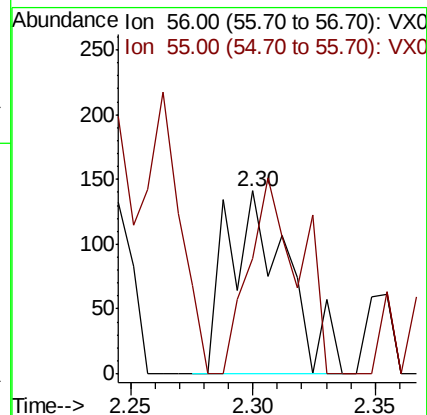
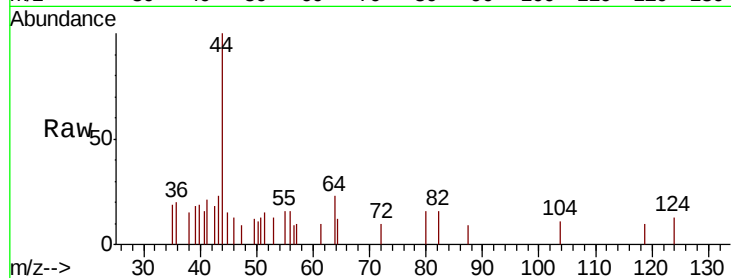
CL-02-072519-B

Tot Ion: 56 Resp: 239

Ion Ratio Lower Upper

56 100

55 90.8 55.9 83.9#



#16

Acetone

Concen: 555.716 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011123.D

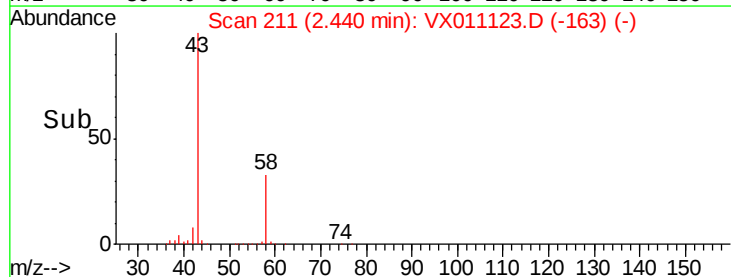
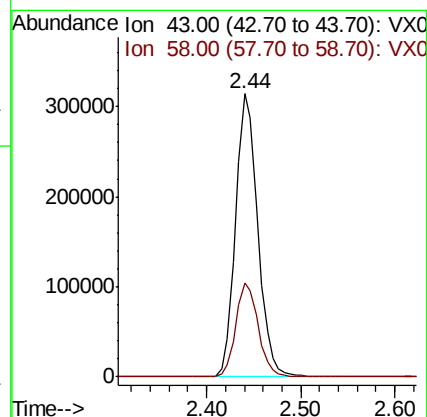
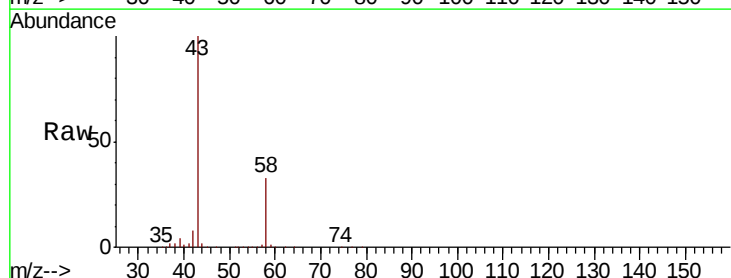
Acq: 27 Jul 2019 05:03

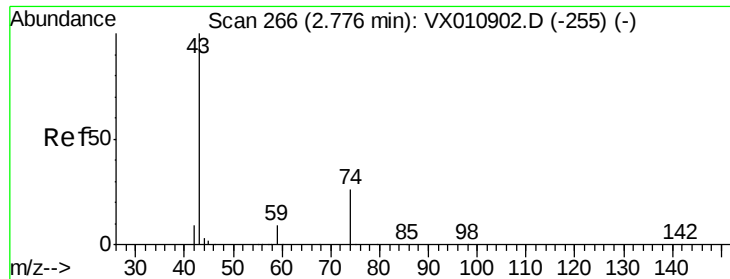
Tgt Ion: 43 Resp: 514396

Ion Ratio Lower Upper

43 100

58 33.2 27.7 41.5

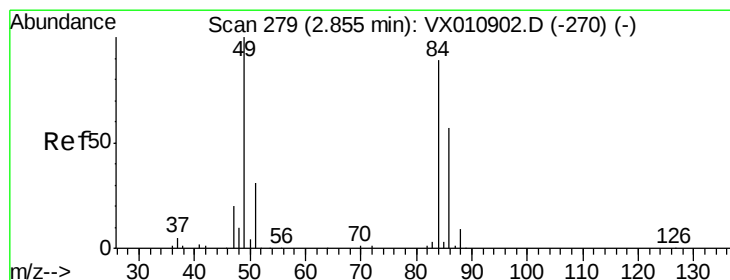
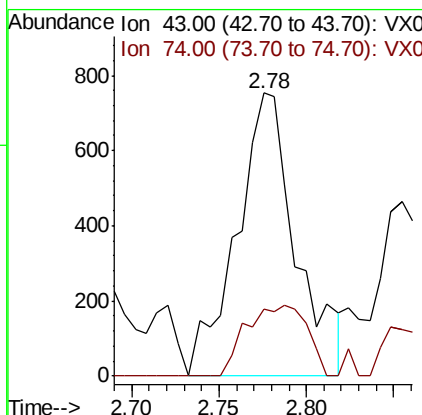
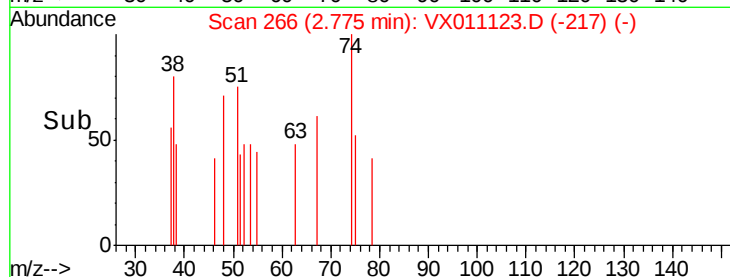
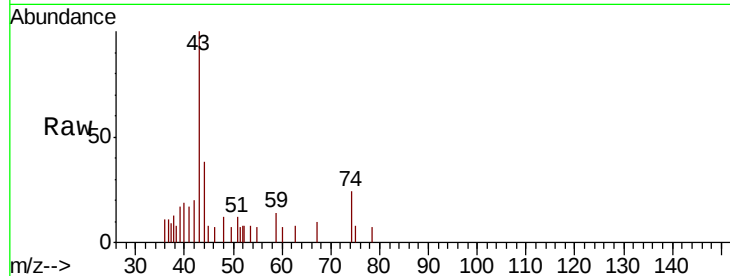




#18
Methvl Acetate
Concen: 0.848 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX011123.D
Acq: 27 Jul 2019 05:03

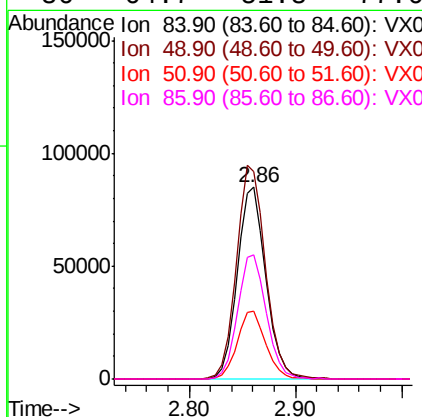
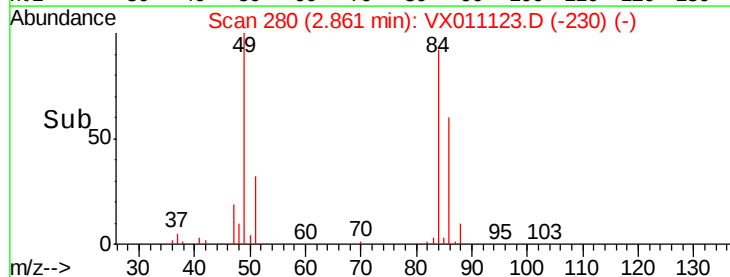
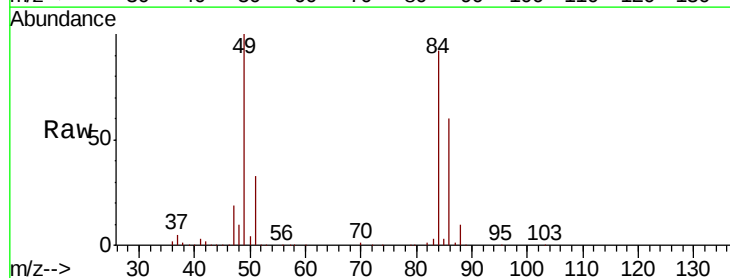
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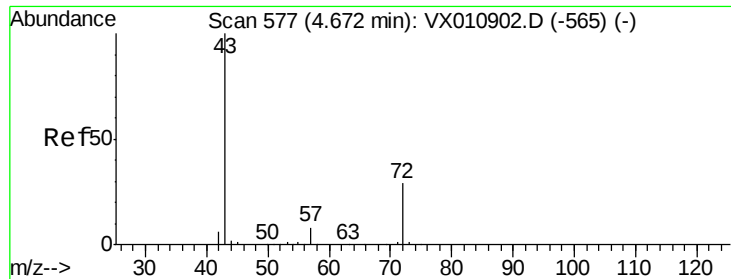
Tot Ion: 43 Resp: 1787
Ion Ratio Lower Upper
43 100
74 25.7 21.5 32.3



#20
Methylene Chloride
Concen: 81.774 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX011123.D
Acq: 27 Jul 2019 05:03

Tgt Ion: 84 Resp: 160411
Ion Ratio Lower Upper
84 100
49 108.1 89.9 134.9
51 35.2 27.8 41.6
86 64.7 51.8 77.6





#25

2-Butanone

Concen: 2.081 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX011123.D

Acq: 27 Jul 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

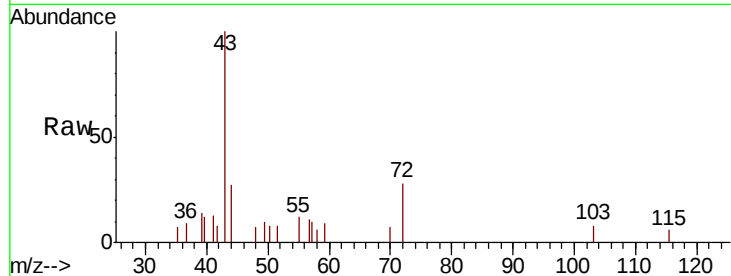
CL-02-072519-B

Tot Ion: 43 Resp: 2765

Ion Ratio Lower Upper

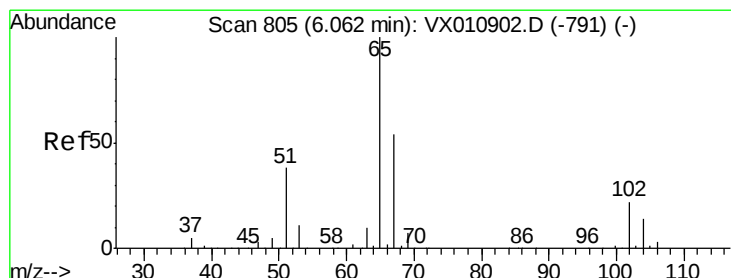
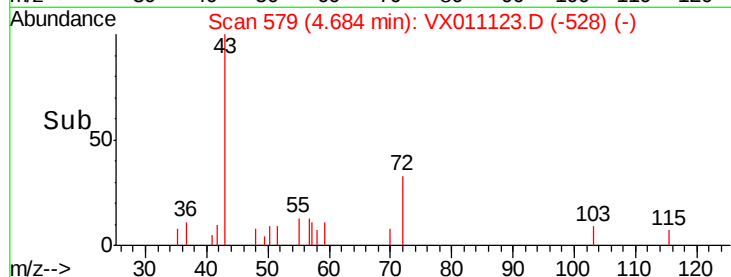
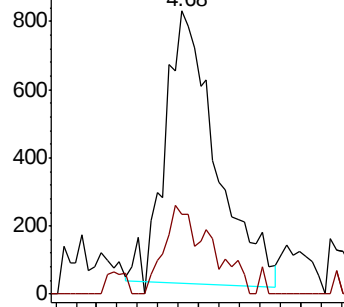
43 100

72 30.2 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.030 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011123.D

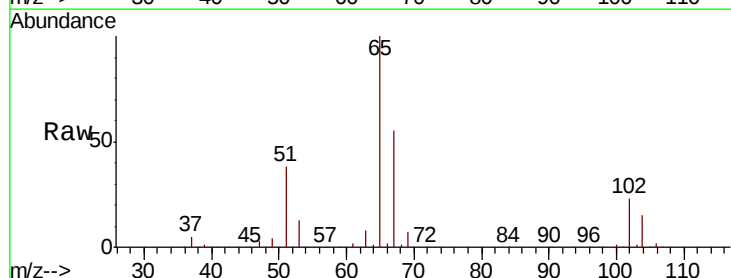
Acq: 27 Jul 2019 05:03

Tgt Ion: 65 Resp: 106635

Ion Ratio Lower Upper

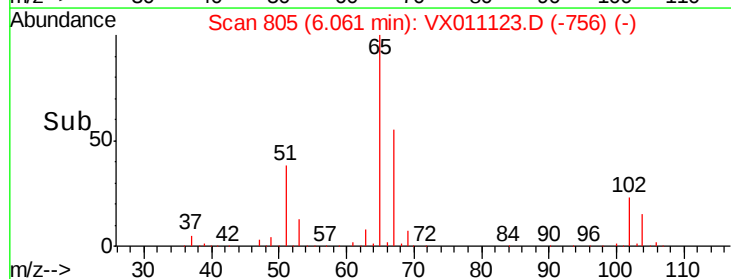
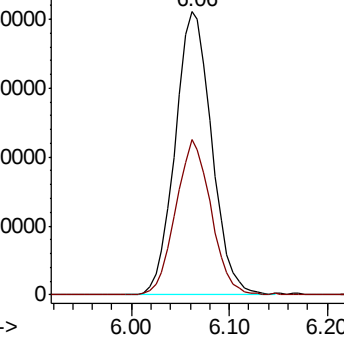
65 100

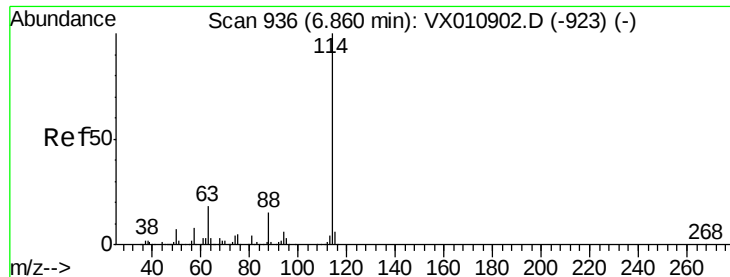
67 53.6 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011123.D

Acq: 27 Jul 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

CL-02-072519-B

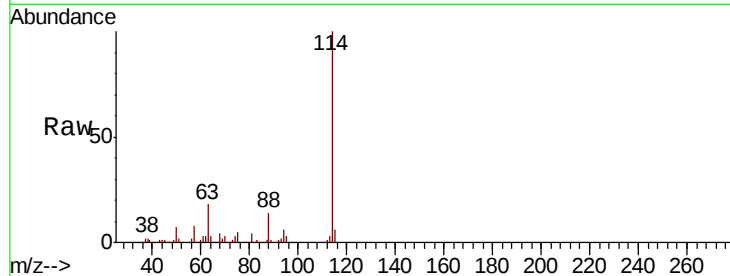
Tot Ion:114 Resp: 311089

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.6

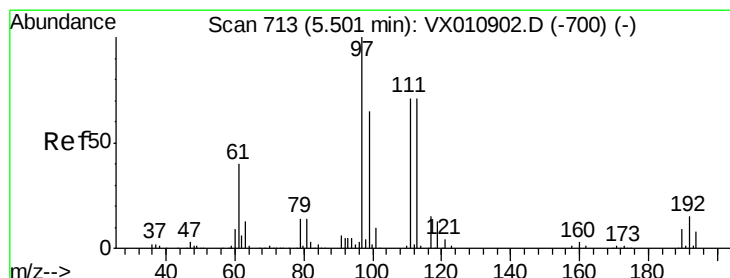
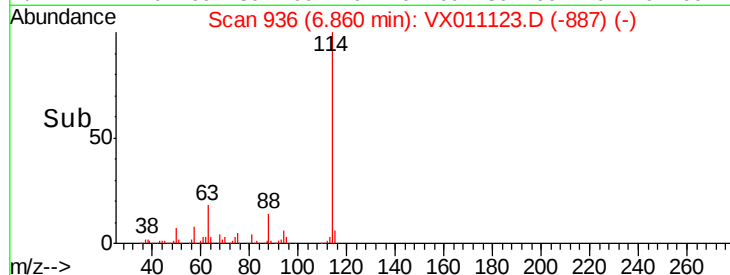
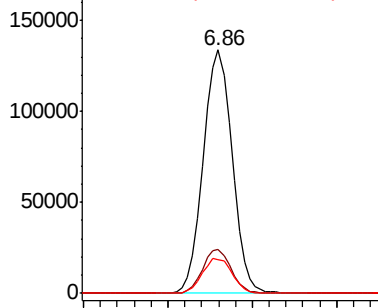
88 14.0 0.0 29.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.421 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011123.D

Acq: 27 Jul 2019 05:03

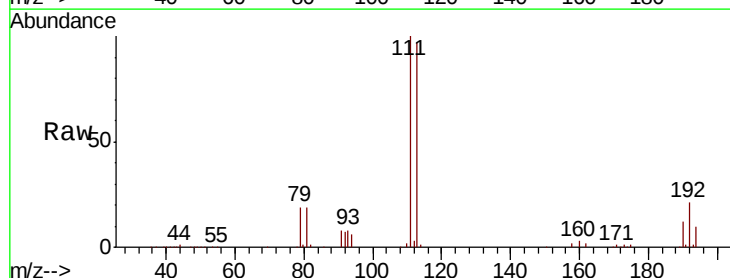
Tgt Ion:113 Resp: 97584

Ion Ratio Lower Upper

113 100

111 102.0 82.3 123.5

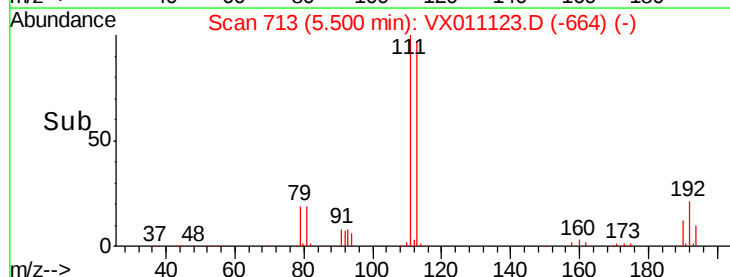
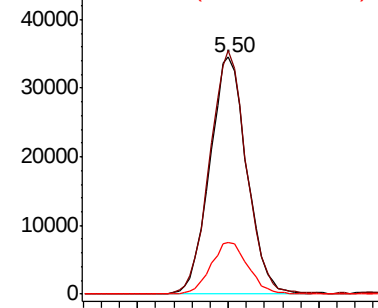
192 22.0 17.4 26.2

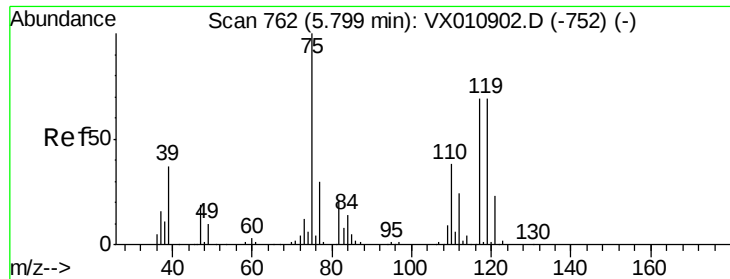


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

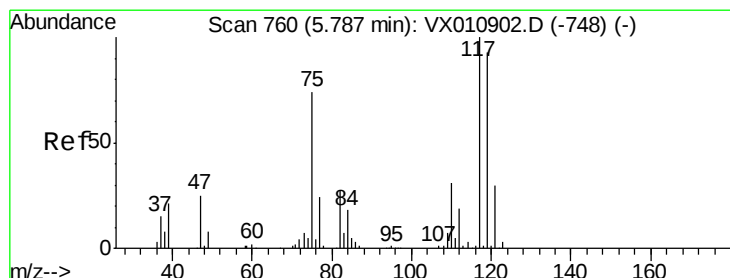
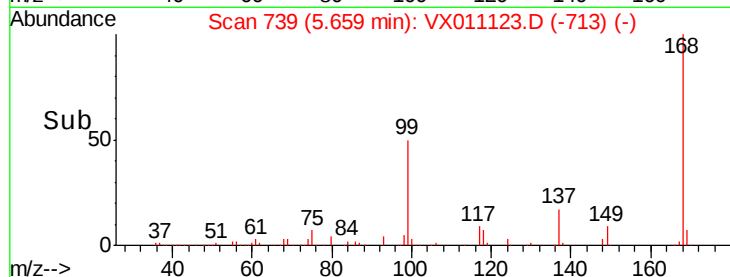
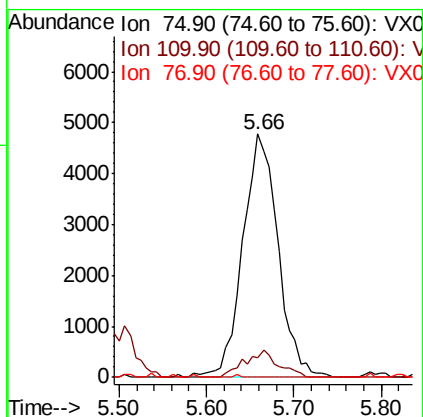
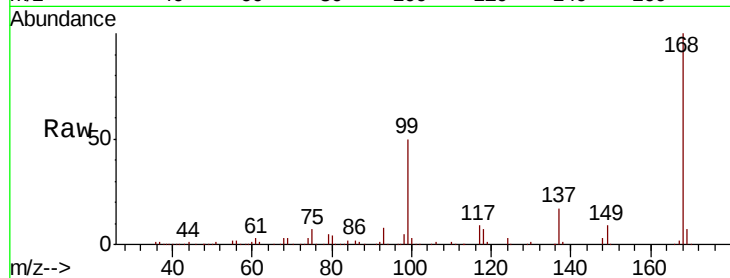




#36
 1,1-Dichloropropene
 Concen: 5.230 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX011123.D
 Acq: 27 Jul 2019 05:03

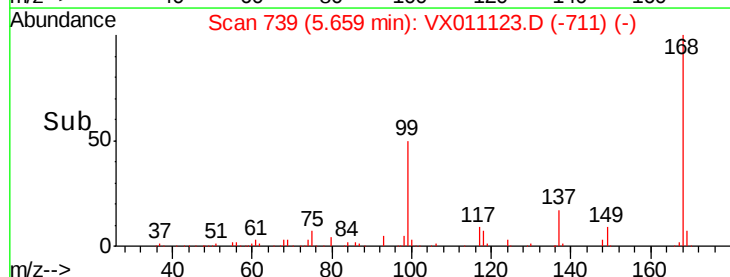
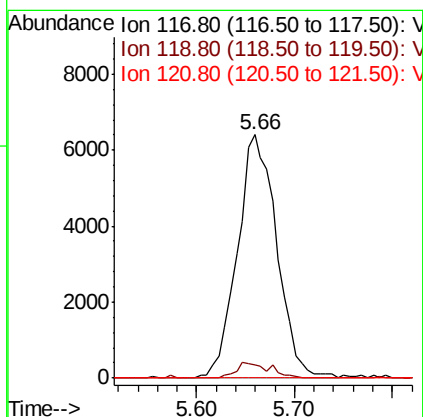
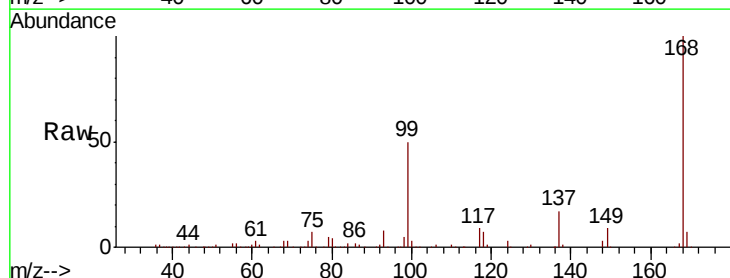
Instrument :
 MSVOA_X
 ClientSampleId :
 CL-02-072519-B

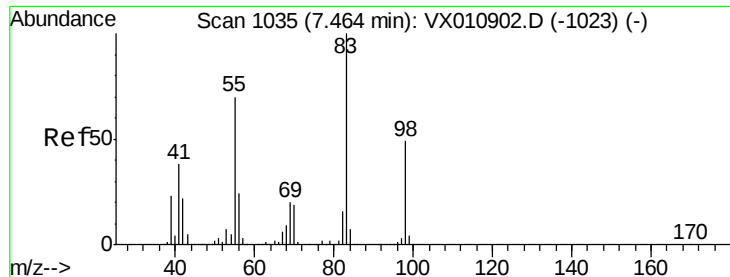
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.5	19.9	59.7#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.729 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX011123.D
 Acq: 27 Jul 2019 05:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	74.2	111.2#
121	0.0	24.2	36.2#

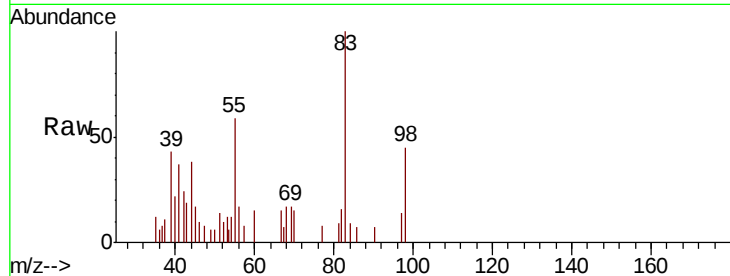




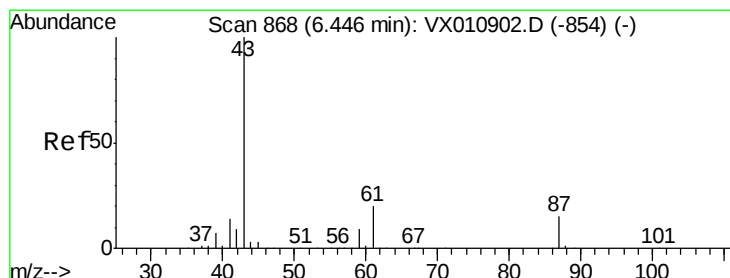
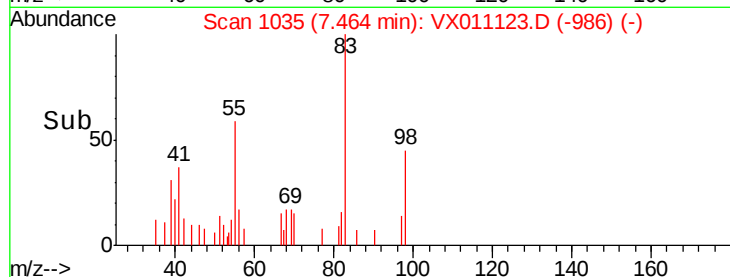
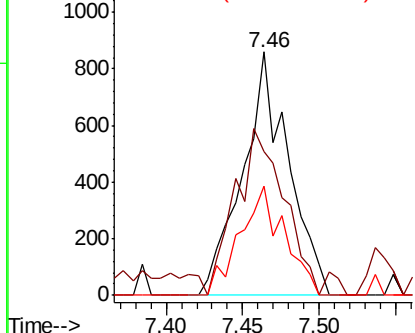
#39
Methvlcvclohexane
Concen: 0.540 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011123.D
Acq: 27 Jul 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-B

Tot Ion: 83 Resp: 1788
Ion Ratio Lower Upper
83 100
55 52.1 56.2 84.4#
98 44.7 39.0 58.4

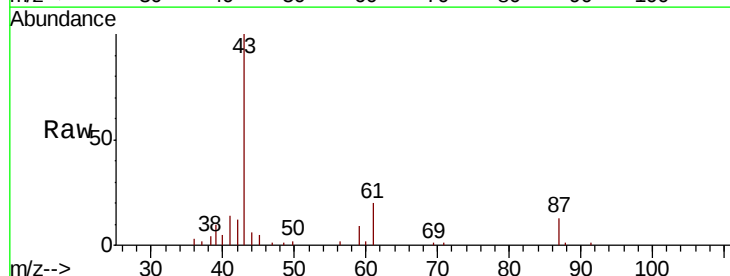


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

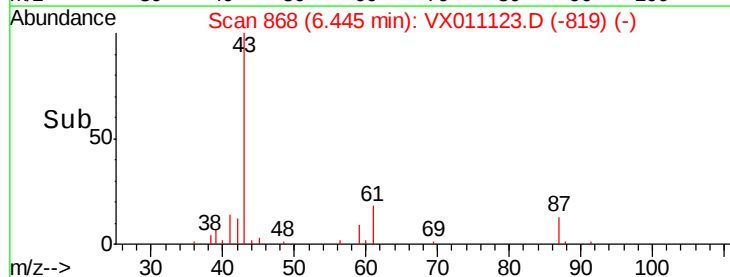
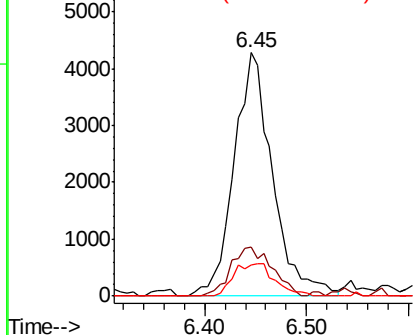


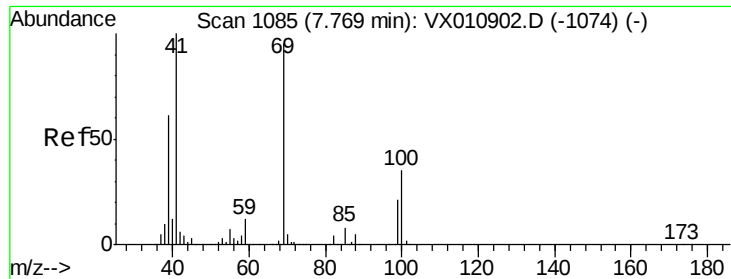
#43
Isopropyl Acetate
Concen: 2.601 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX011123.D
Acq: 27 Jul 2019 05:03

Tgt Ion: 43 Resp: 11190
Ion Ratio Lower Upper
43 100
61 21.6 17.1 25.7
87 14.3 12.0 18.0



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

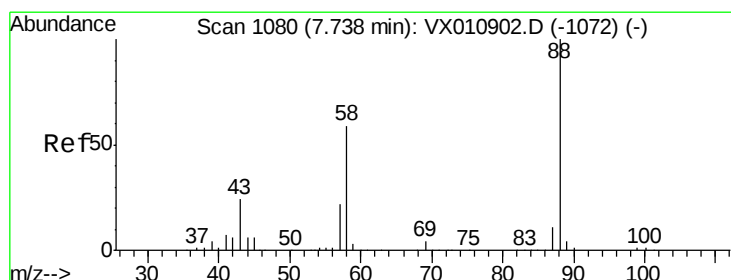
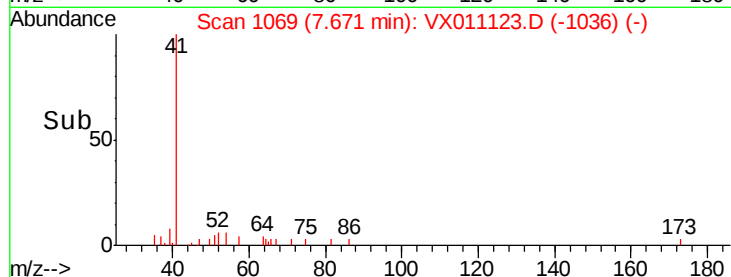
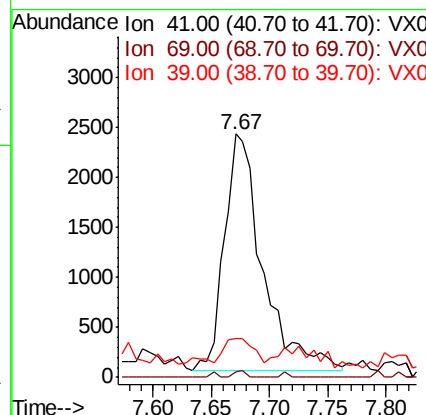
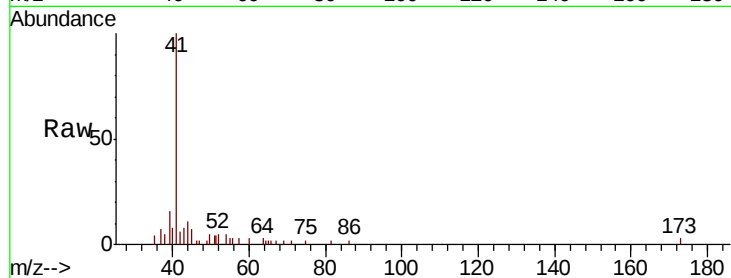




#48
Methvl methacrylate
Concen: 2.558 ug/l
RT: 7.67 min Scan# 1069
Delta R.T. -0.10 min
Lab File: VX011123.D
Acq: 27 Jul 2019 05:03

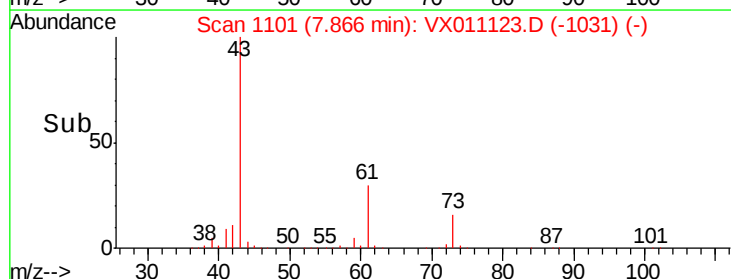
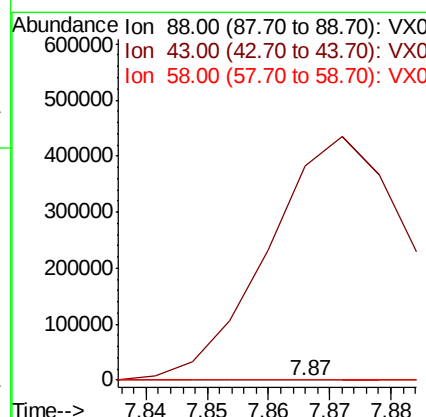
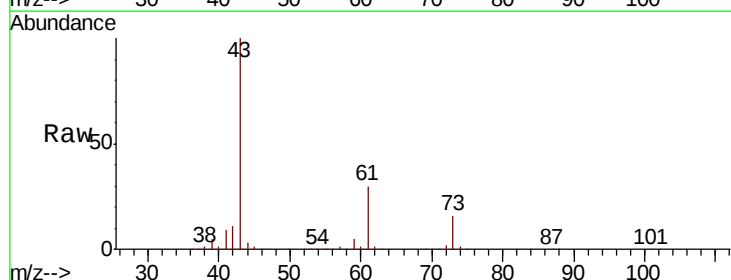
Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-B

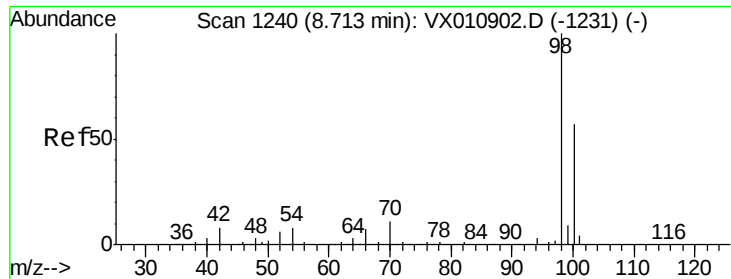
Tot Ion: 41 Resp: 5361
Ion Ratio Lower Upper
41 100
69 0.8 74.4 111.6#
39 0.0 48.9 73.3#



#49
1,4-Dioxane
Concen: 0.802 ug/l
RT: 7.87 min Scan# 1101
Delta R.T. 0.13 min
Lab File: VX011123.D
Acq: 27 Jul 2019 05:03

Tgt Ion: 88 Resp: 47
Ion Ratio Lower Upper
88 100
43 1535817.0 22.9 34.3#
58 7185.1 49.8 74.8#

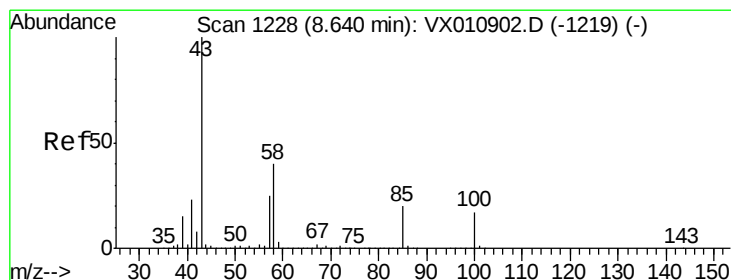
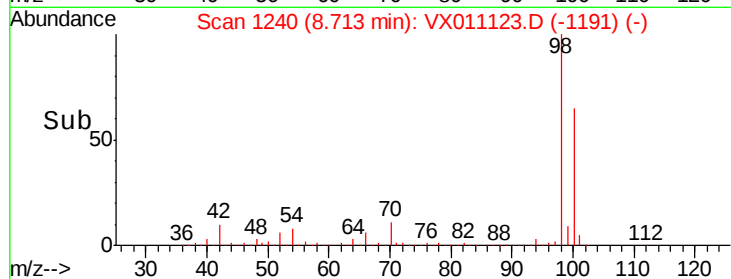
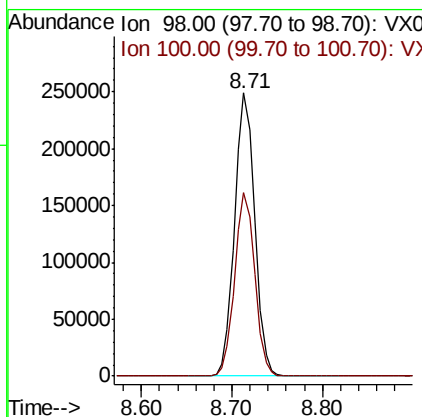
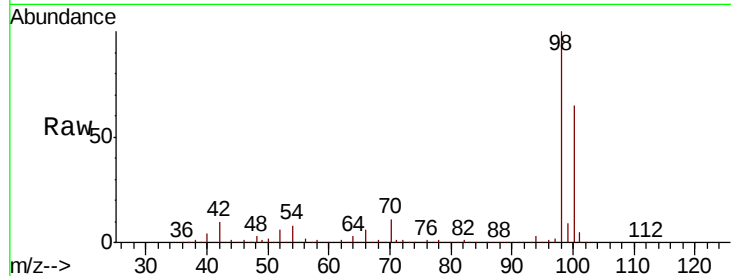




#50
Toluene-d8
Concen: 51.996 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011123.D
Acq: 27 Jul 2019 05:03

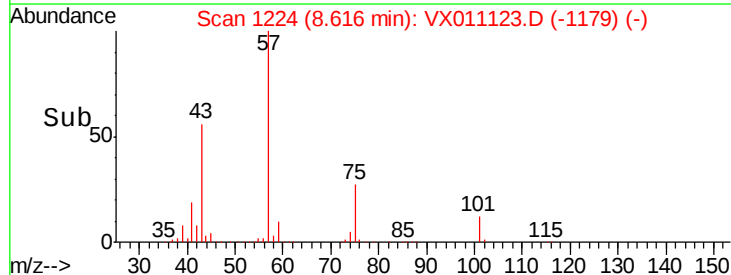
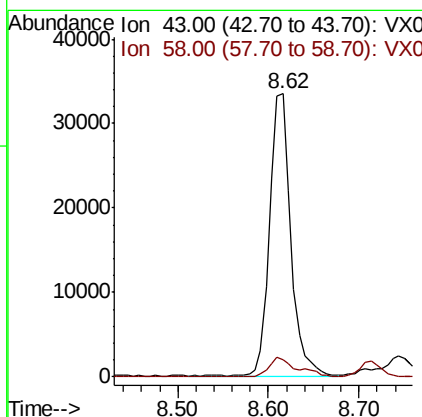
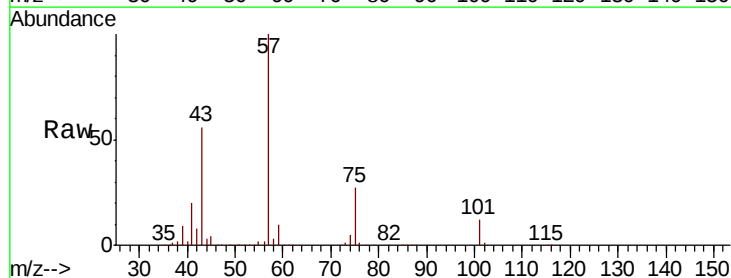
Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-B

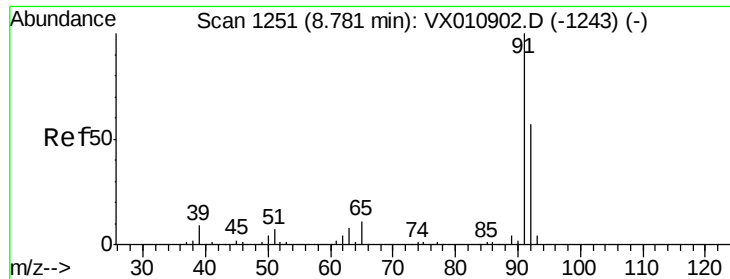
Tot Ion: 98 Resp: 385073
Ion Ratio Lower Upper
98 100
100 64.5 50.6 75.8



#51
4-Methyl-2-Pentanone
Concen: 19.489 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.02 min
Lab File: VX011123.D
Acq: 27 Jul 2019 05:03

Tgt Ion: 43 Resp: 54356
Ion Ratio Lower Upper
43 100
58 9.3 32.2 48.4#





#52

Toluene

Concen: 0.283 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011123.D

Acq: 27 Jul 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

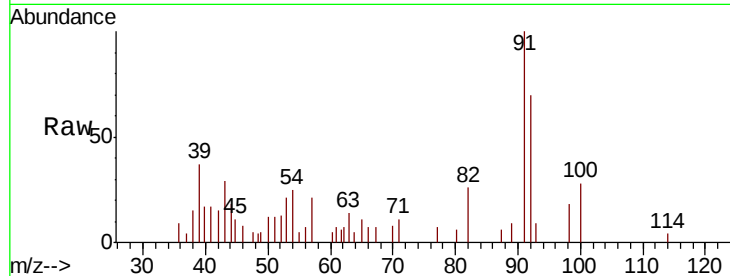
CL-02-072519-B

Tot Ion: 92 Resp: 1456

Ion Ratio Lower Upper

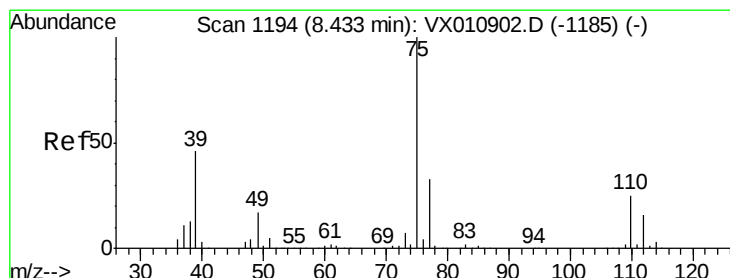
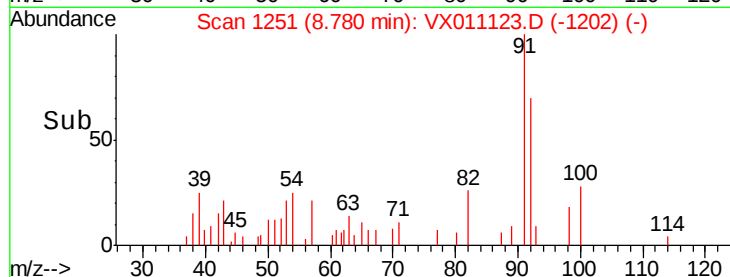
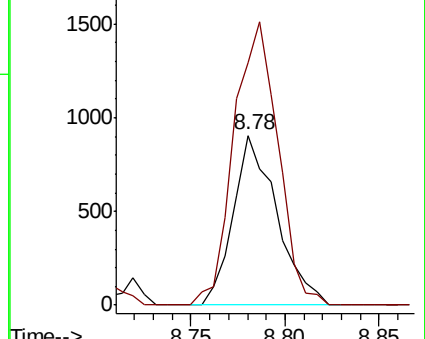
92 100

91 168.9 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 8.931 ug/l

RT: 8.61 min Scan# 1223

Delta R.T. 0.18 min

Lab File: VX011123.D

Acq: 27 Jul 2019 05:03

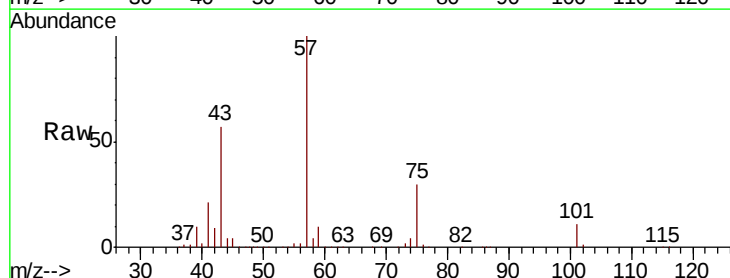
Tgt Ion: 75 Resp: 27078

Ion Ratio Lower Upper

75 100

77 0.8 26.1 39.1#

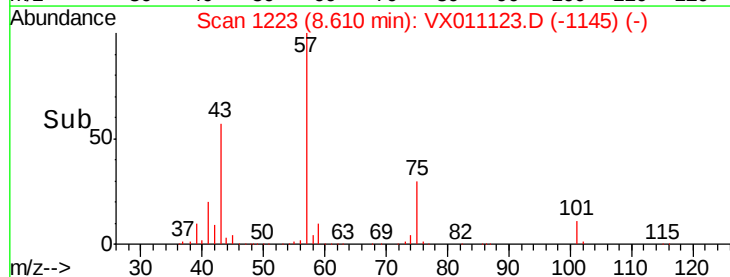
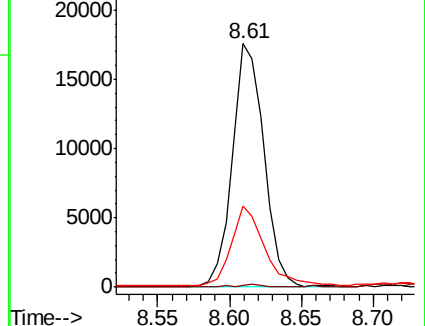
39 32.6 36.6 54.8#

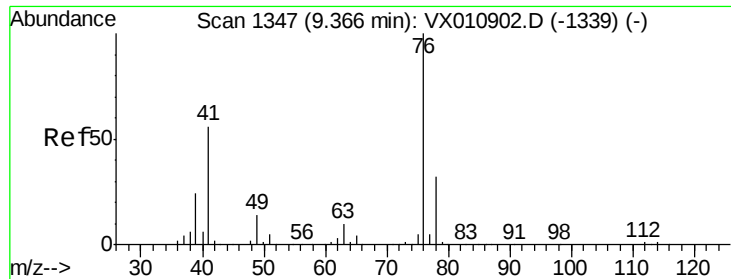


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

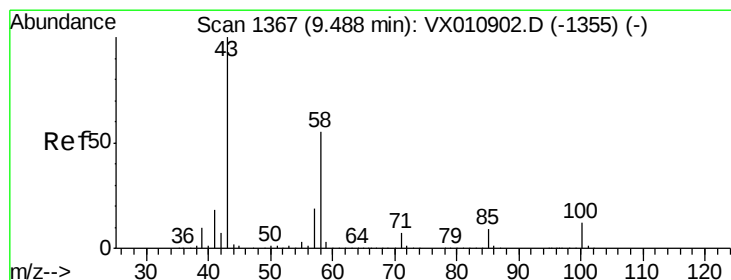
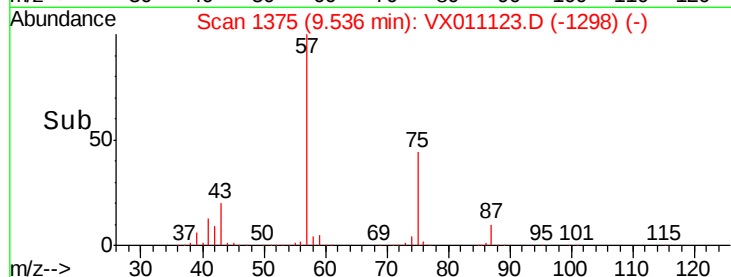
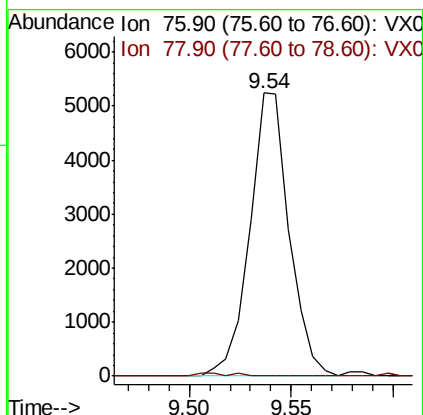
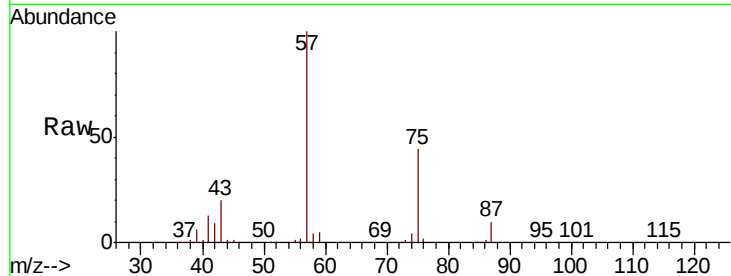




#57
 1,3-Dichloropropane
 Concen: 2.101 ug/l
 RT: 9.54 min Scan# 1375
 Delta R.T. 0.17 min
 Lab File: VX011123.D
 Acq: 27 Jul 2019 05:03

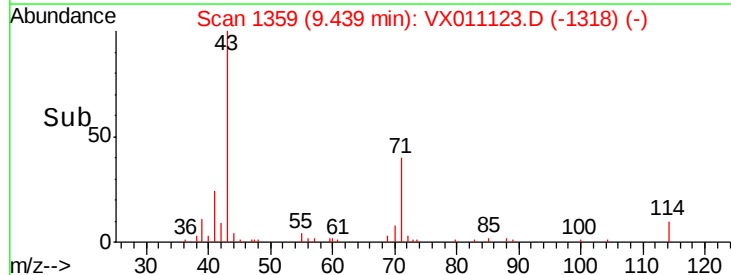
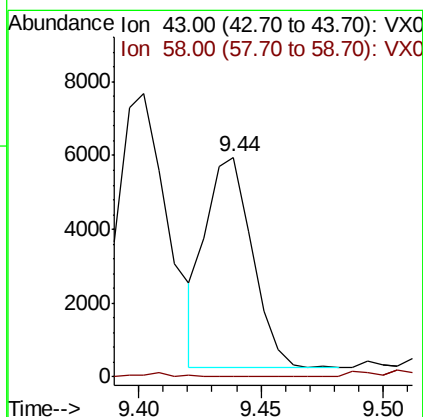
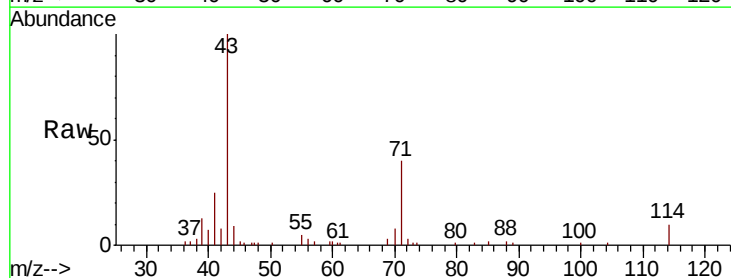
Instrument :
 MSVOA_X
 ClientSampleId :
 CL-02-072519-B

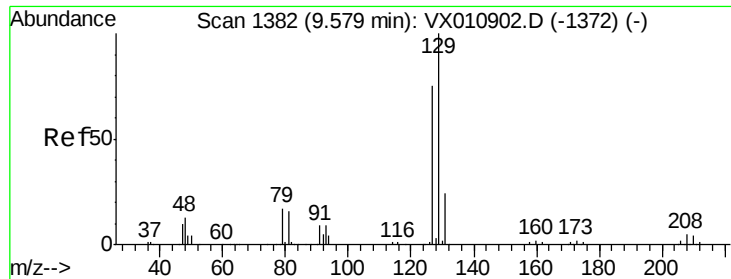
Tot Ion: 76 Resp: 7058
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 3.473 ug/l
 RT: 9.44 min Scan# 1359
 Delta R.T. -0.05 min
 Lab File: VX011123.D
 Acq: 27 Jul 2019 05:03

Tgt Ion: 43 Resp: 7513
 Ion Ratio Lower Upper
 43 100
 58 0.0 28.0 83.9#





#60

Dibromochloromethane

Concen: 2.551 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX011123.D

Acq: 27 Jul 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

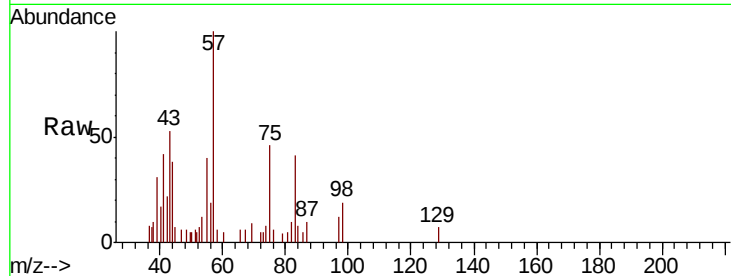
CL-02-072519-B

Tot Ion:129 Resp: 60

Ion Ratio Lower Upper

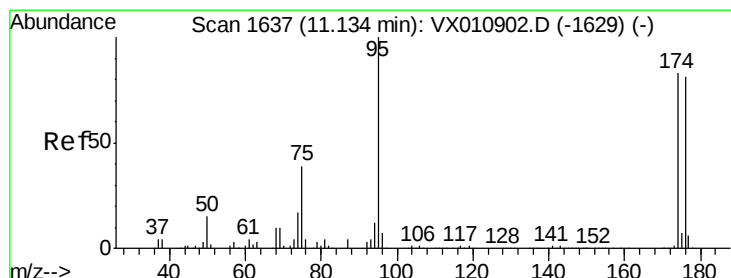
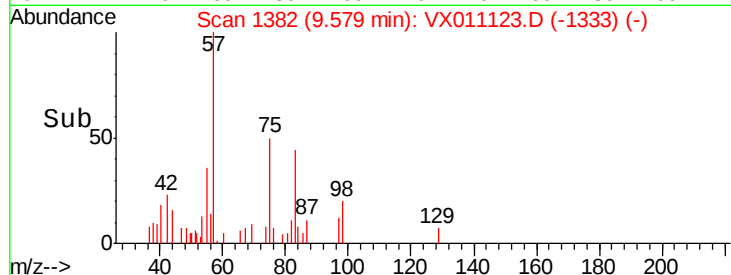
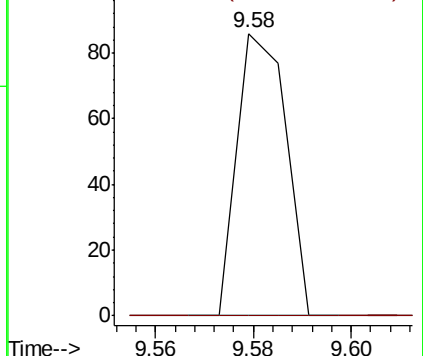
129 100

127 0.0 38.6 115.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 50.266 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011123.D

Acq: 27 Jul 2019 05:03

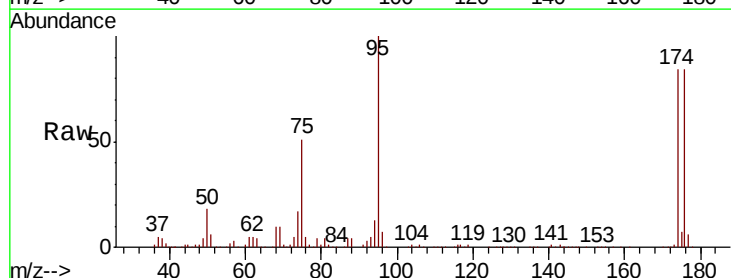
Tgt Ion: 95 Resp: 136833

Ion Ratio Lower Upper

95 100

174 90.6 0.0 180.6

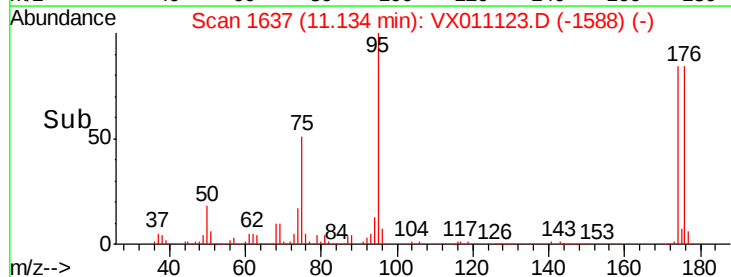
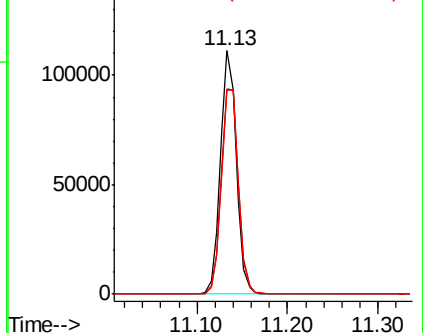
176 89.1 0.0 173.8

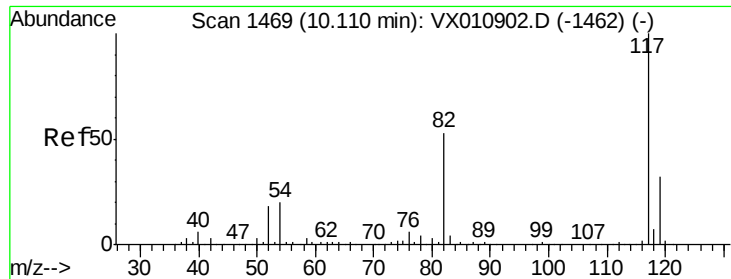


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

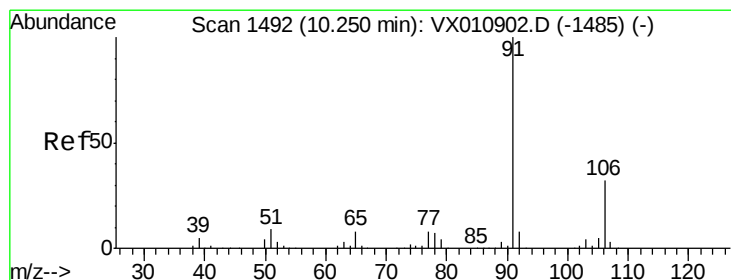
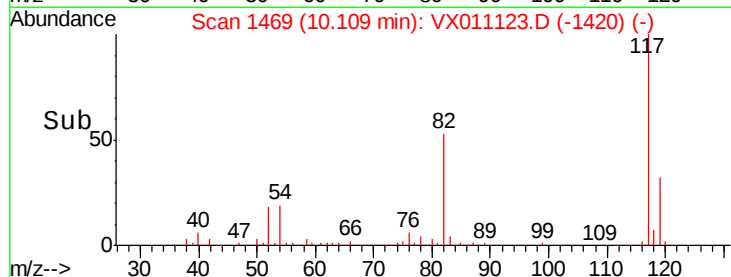
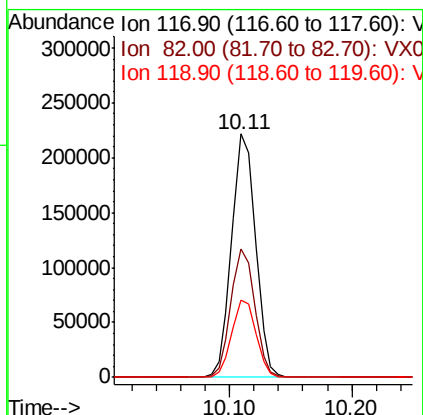
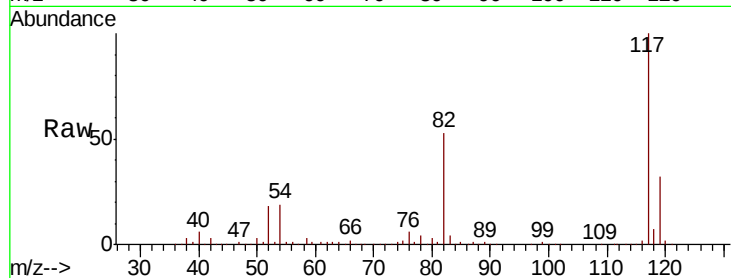




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011123.D
Acq: 27 Jul 2019 05:03

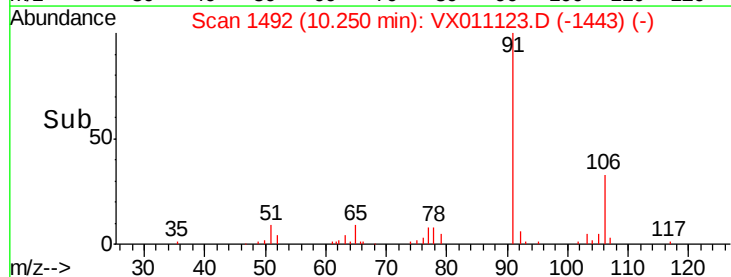
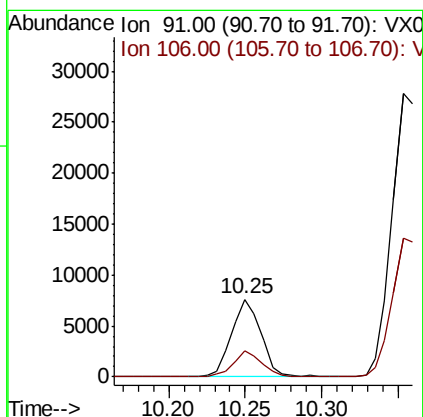
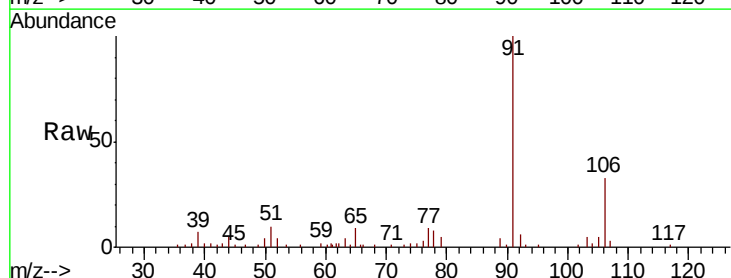
Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-B

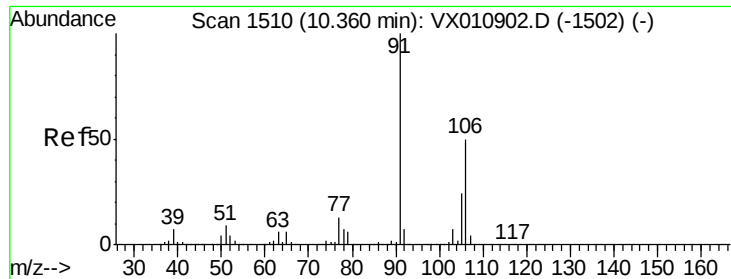
Tot Ion:117 Resp: 301179
Ion Ratio Lower Upper
117 100
82 52.8 42.6 63.8
119 31.5 25.9 38.9



#67
Ethyl Benzene
Concen: 0.966 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011123.D
Acq: 27 Jul 2019 05:03

Tgt Ion: 91 Resp: 10171
Ion Ratio Lower Upper
91 100
106 33.0 25.4 38.2

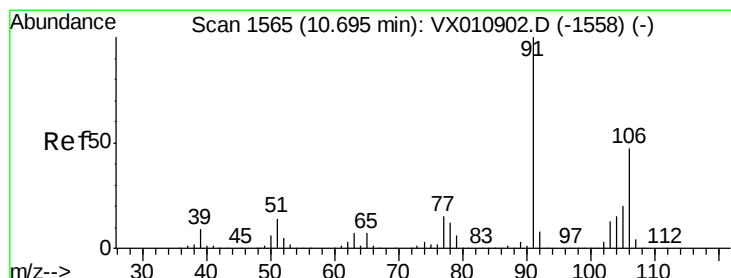
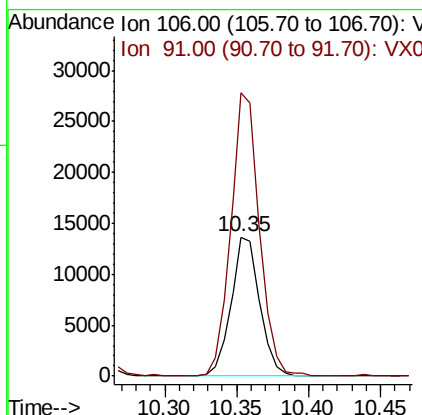
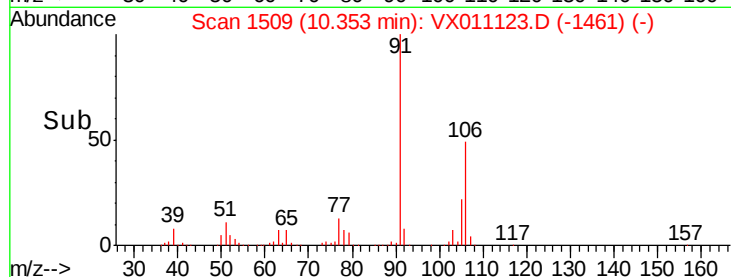
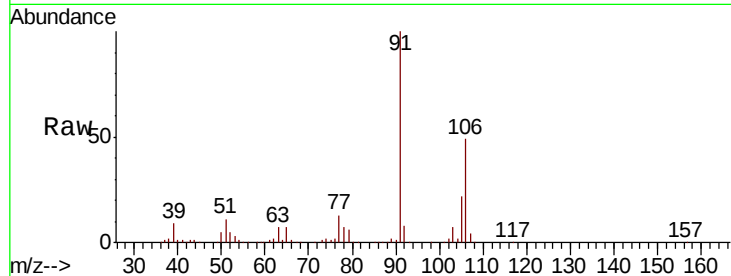




#68
m/p-Xylenes
Concen: 4.719 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011123.D
Acq: 27 Jul 2019 05:03

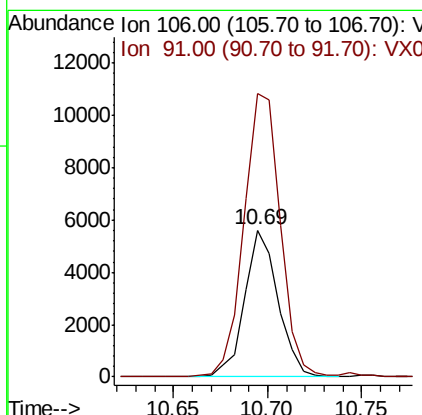
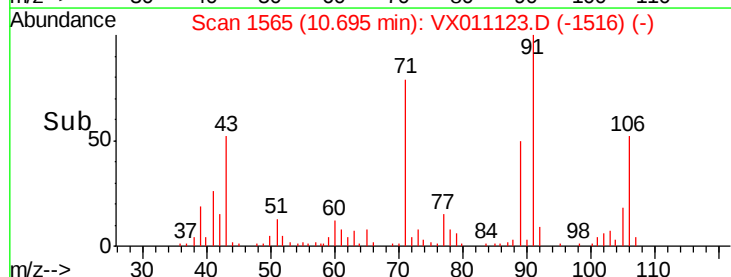
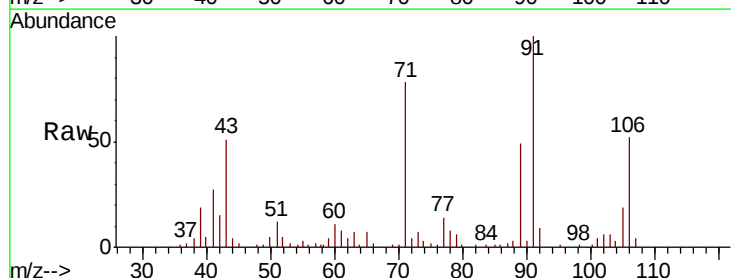
Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-B

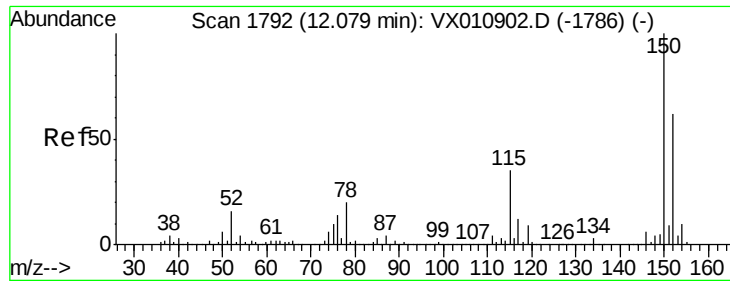
Tot Ion:106 Resp: 19060
Ion Ratio Lower Upper
106 100
91 203.3 160.1 240.1



#69
o-Xylene
Concen: 1.741 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011123.D
Acq: 27 Jul 2019 05:03

Tgt Ion:106 Resp: 6862
Ion Ratio Lower Upper
106 100
91 211.8 105.1 315.3



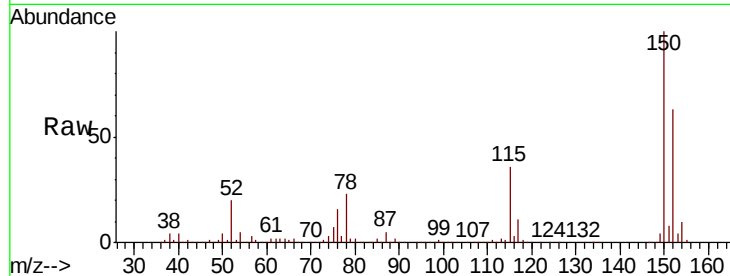


#72

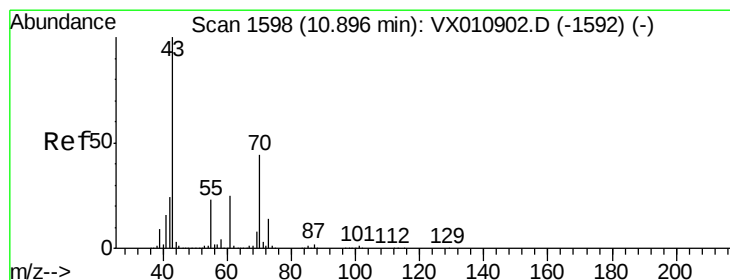
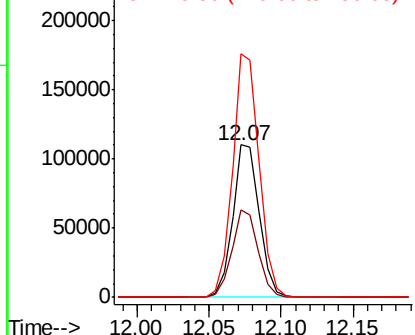
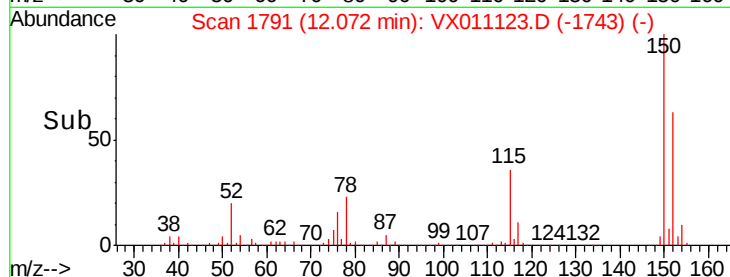
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011123.D
Acq: 27 Jul 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-B

Tot Ion:152 Resp: 142043
Ion Ratio Lower Upper
152 100
115 56.4 39.7 119.1
150 159.4 0.0 345.6



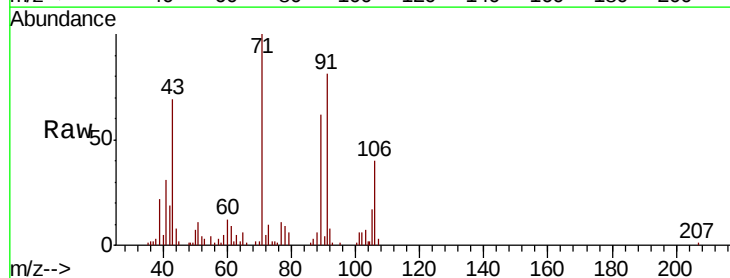
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



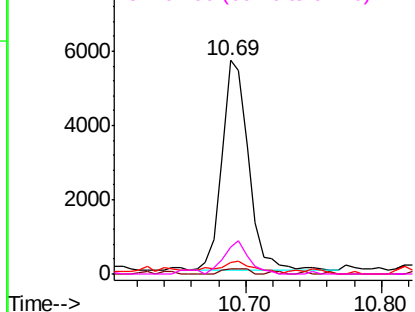
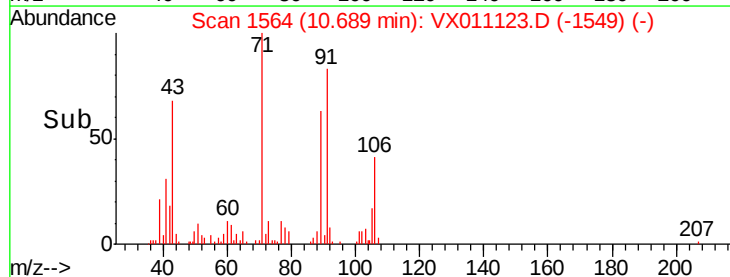
#74

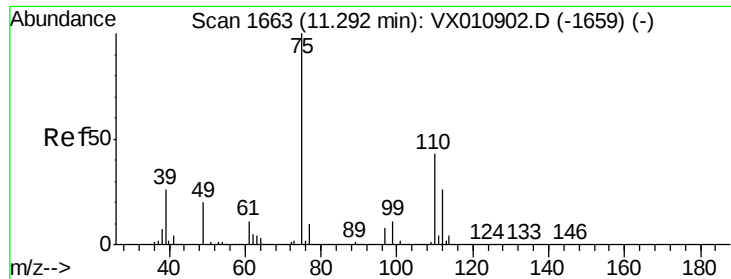
N-amil acetate
Concen: 2.075 ug/l
RT: 10.69 min Scan# 1564
Delta R.T. -0.21 min
Lab File: VX011123.D
Acq: 27 Jul 2019 05:03

Tgt Ion: 43 Resp: 7609
Ion Ratio Lower Upper
43 100
70 2.4 34.7 52.1#
55 8.3 19.1 28.7#
61 14.7 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 70.00 (69.70 to 70.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 26.878 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011123.D

Acq: 27 Jul 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

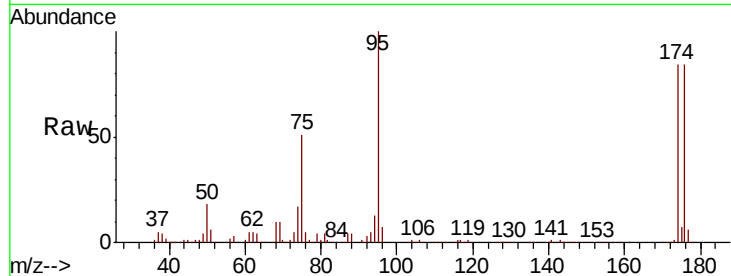
CL-02-072519-B

Tot Ion: 75 Resp: 68894

Ion Ratio Lower Upper

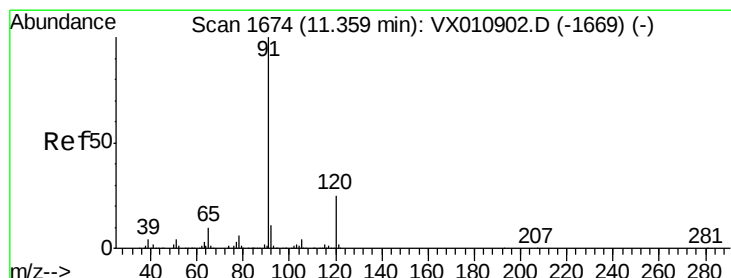
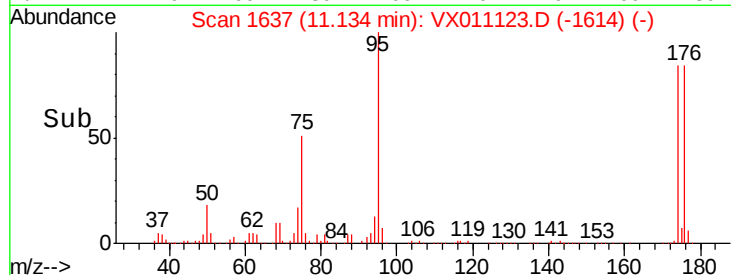
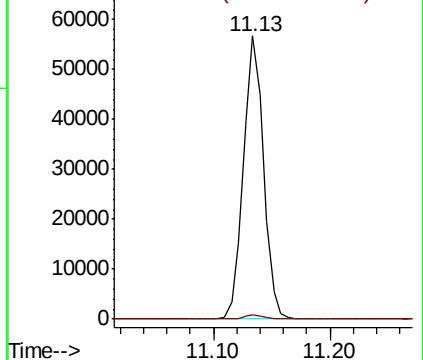
75 100

77 1.3 21.3 64.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 0.449 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011123.D

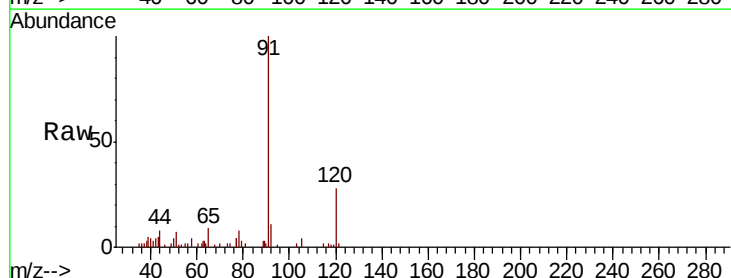
Acq: 27 Jul 2019 05:03

Tgt Ion: 91 Resp: 4761

Ion Ratio Lower Upper

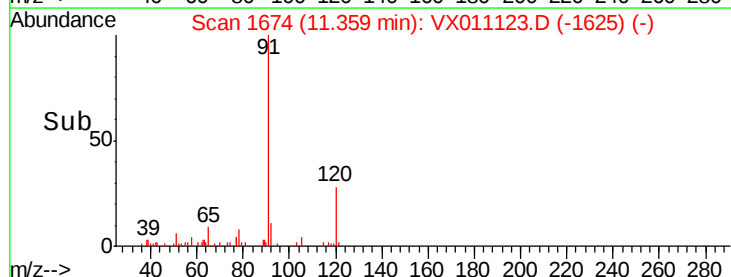
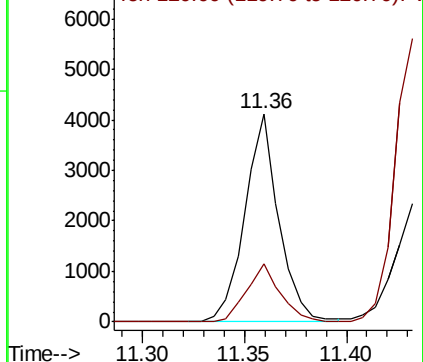
91 100

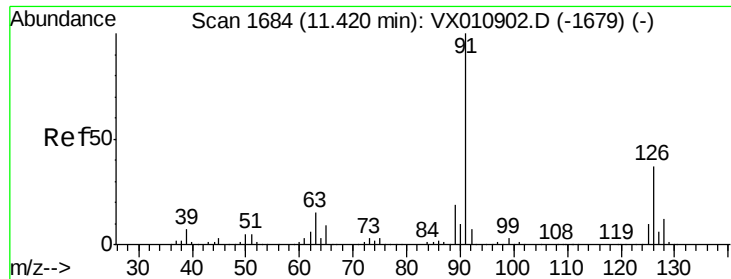
120 27.6 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.607 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX011123.D

Acq: 27 Jul 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

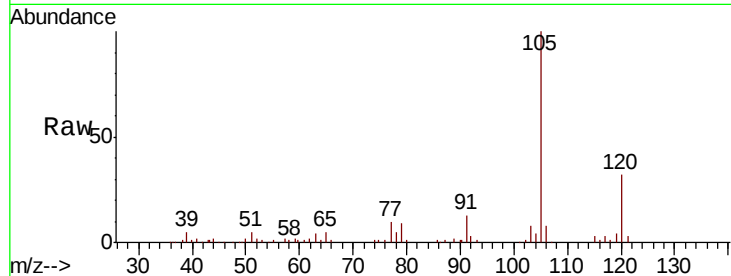
CL-02-072519-B

Tot Ion: 91 Resp: 3865

Ion Ratio Lower Upper

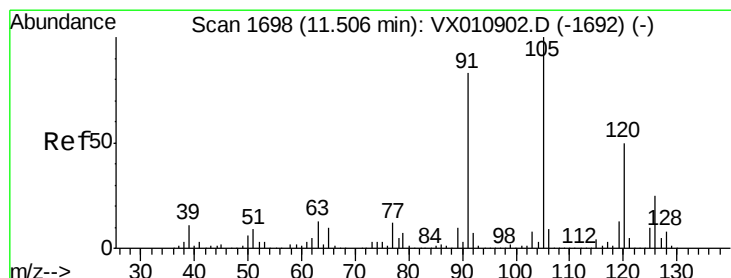
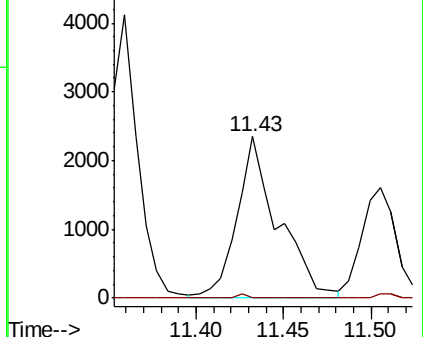
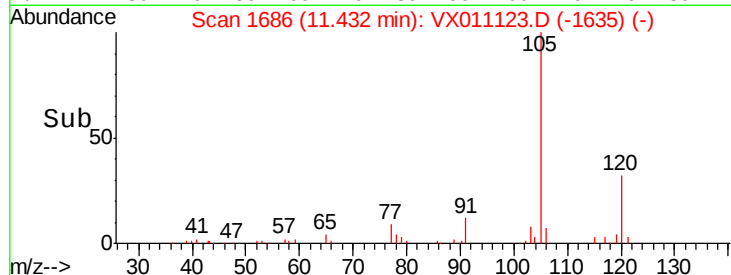
91 100

126 0.5 18.0 54.0#



Abundance Ion 91.00 (90.70 to 91.70): VX011123.D (-1635) (-)

Ion 125.90 (125.60 to 126.60): VX011123.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 2.248 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011123.D

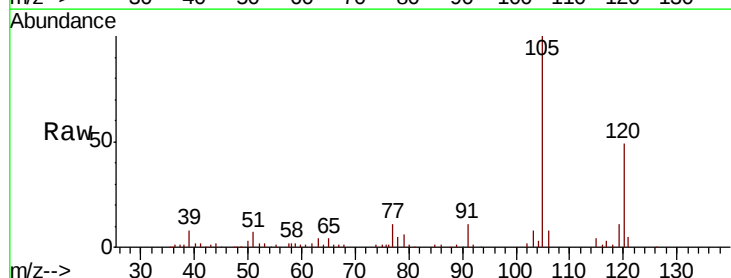
Acq: 27 Jul 2019 05:03

Tgt Ion: 105 Resp: 18028

Ion Ratio Lower Upper

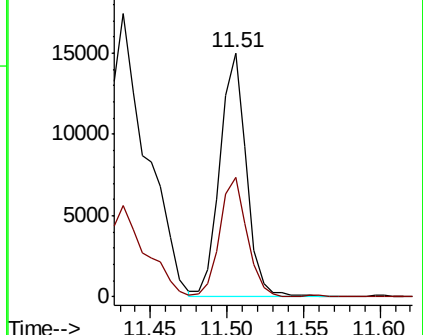
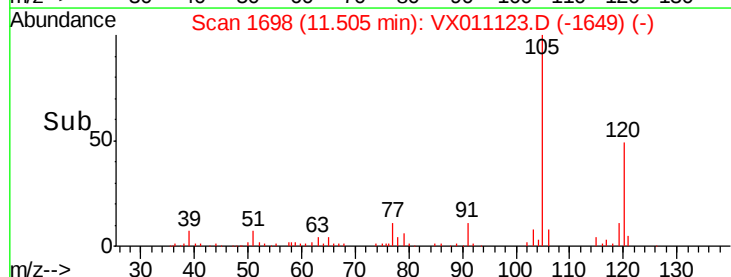
105 100

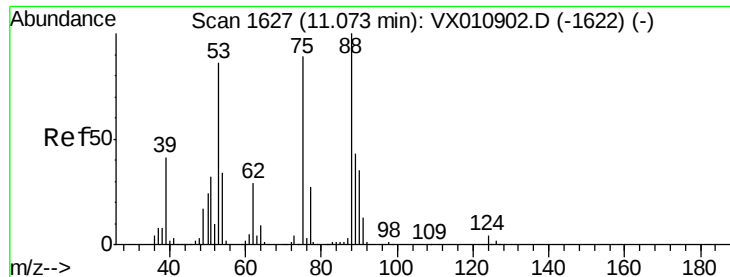
120 50.3 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VX011123.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX011123.D (-1649) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 66.656 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011123.D

Acq: 27 Jul 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

CL-02-072519-B

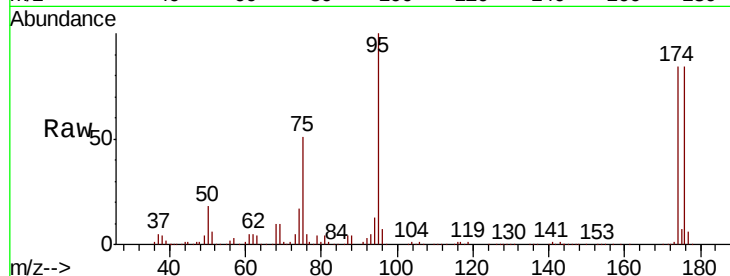
Tot Ion: 75 Resp: 68894

Ion Ratio Lower Upper

75 100

53 0.1 76.7 115.1#

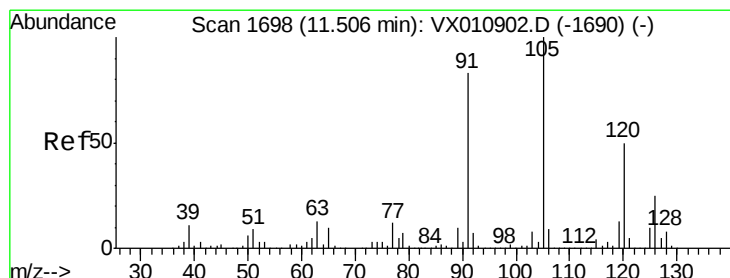
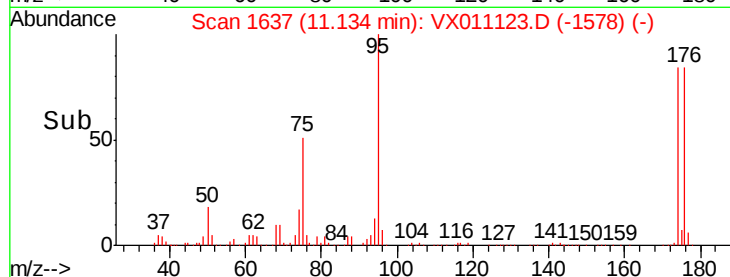
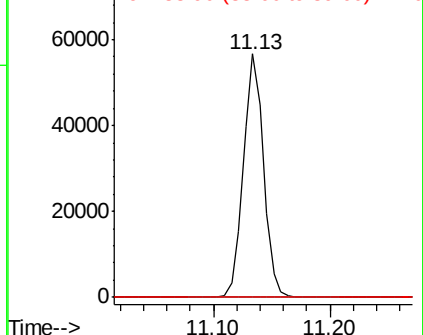
89 0.0 38.5 57.7#



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: 0.294 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011123.D

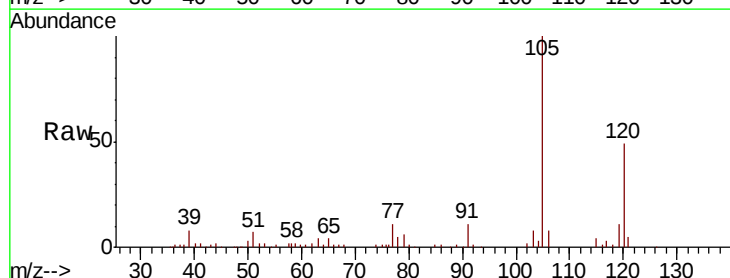
Acq: 27 Jul 2019 05:03

Tgt Ion: 91 Resp: 2183

Ion Ratio Lower Upper

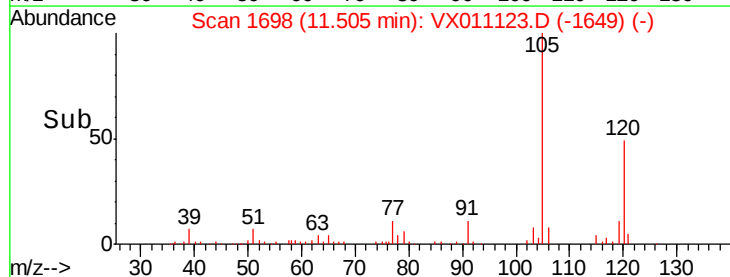
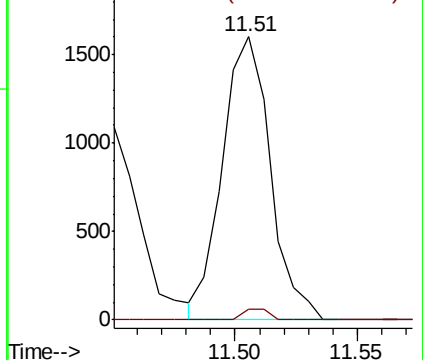
91 100

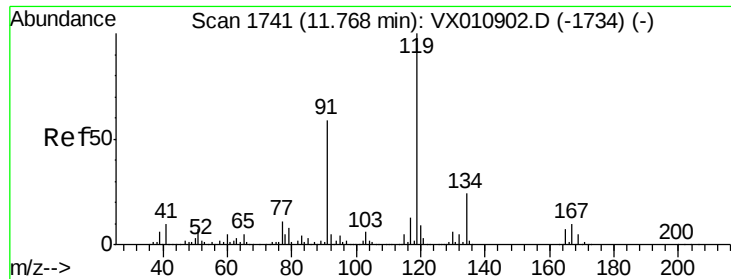
126 2.0 15.9 47.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

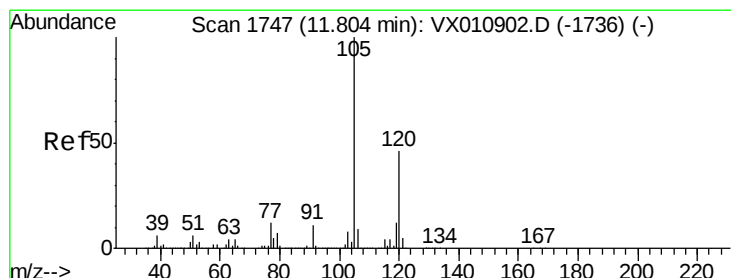
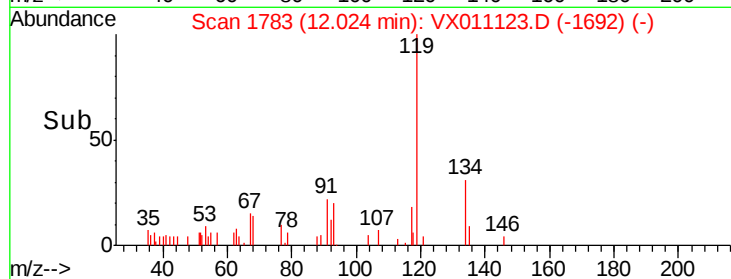
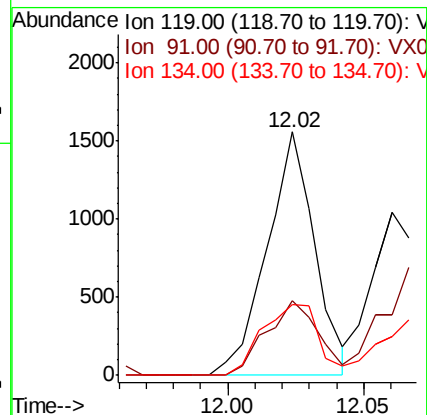
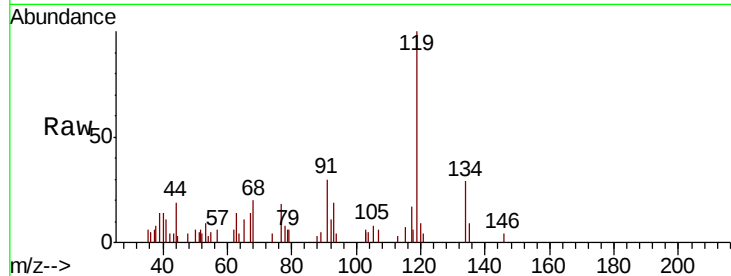




#83
 tert-Butylbenzene
 Concen: 0.239 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.26 min
 Lab File: VX011123.D
 Acq: 27 Jul 2019 05:03

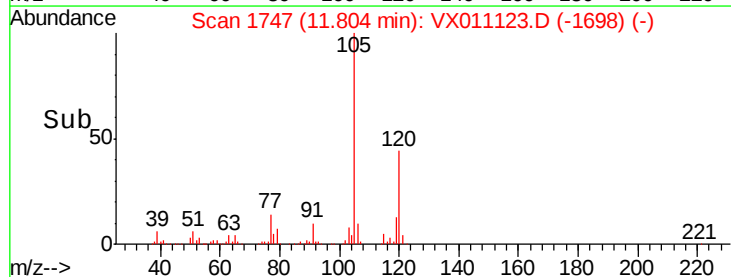
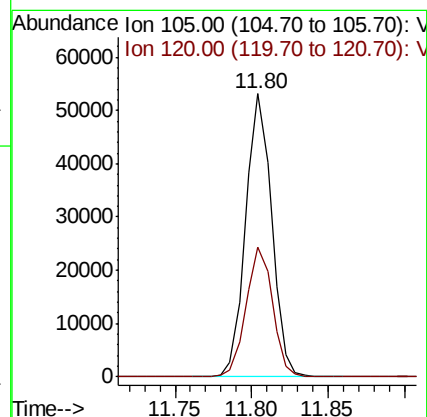
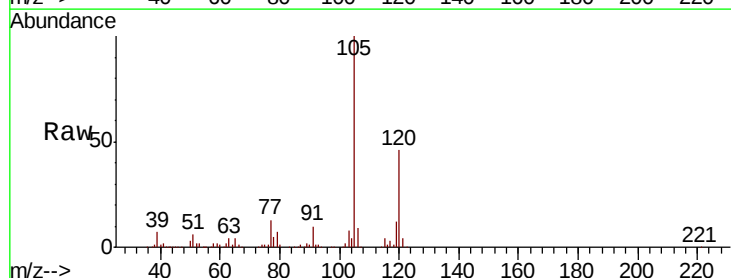
Instrument :
 MSVOA_X
 ClientSampleId :
 CL-02-072519-B

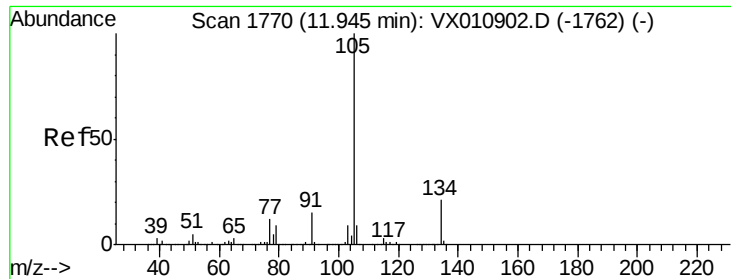
Tot Ion:119 Resp: 1886
 Ion Ratio Lower Upper
 119 100
 91 33.8 28.6 85.8
 134 34.4 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 7.764 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX011123.D
 Acq: 27 Jul 2019 05:03

Tgt Ion:105 Resp: 62758
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.9 68.5





#85

sec-Butylbenzene

Concen: 6.799 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX011123.D

Acq: 27 Jul 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

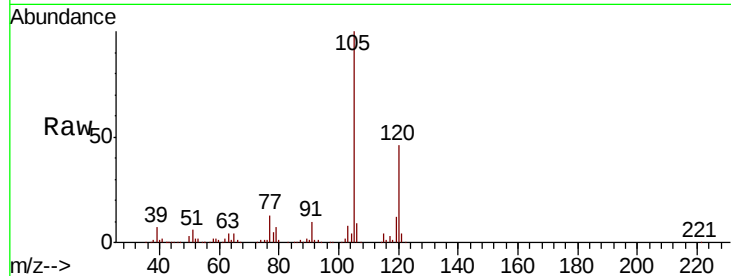
CL-02-072519-B

Tot Ion:105 Resp: 62758

Ion Ratio Lower Upper

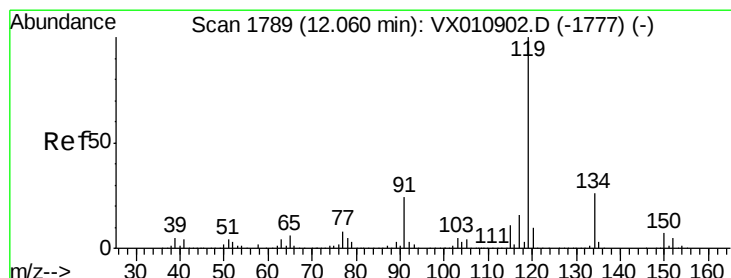
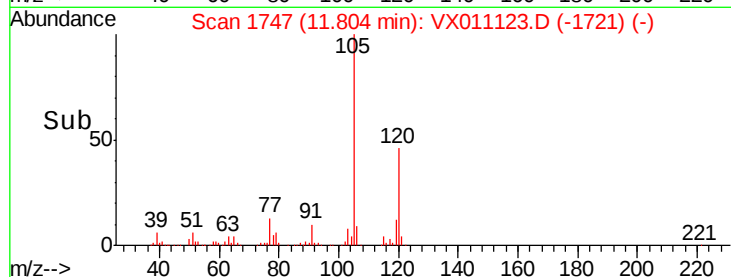
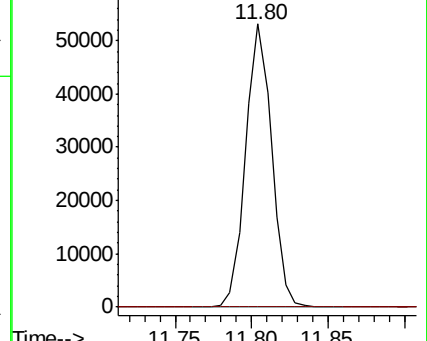
105 100

134 0.0 10.4 31.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.221 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.04 min

Lab File: VX011123.D

Acq: 27 Jul 2019 05:03

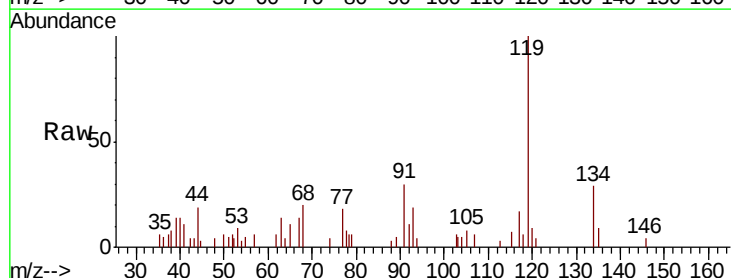
Tgt Ion:119 Resp: 1886

Ion Ratio Lower Upper

119 100

134 34.4 13.4 40.1

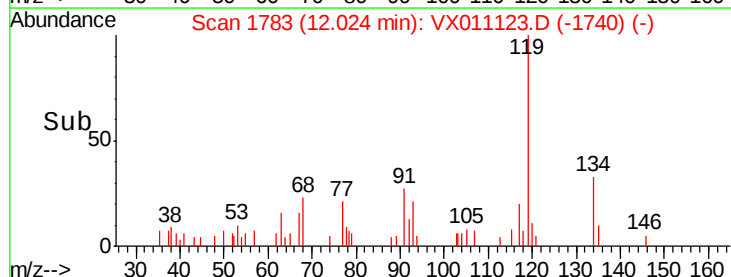
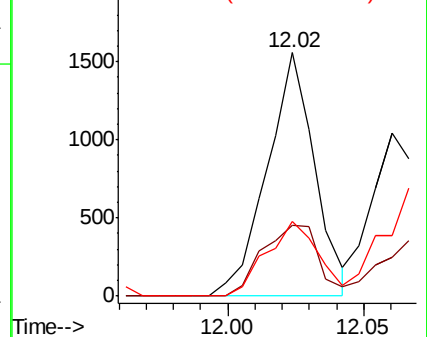
91 33.8 11.8 35.4

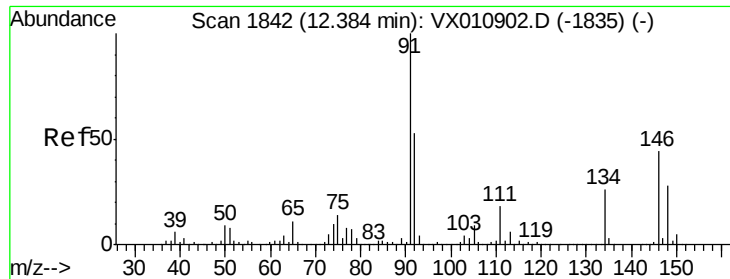


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

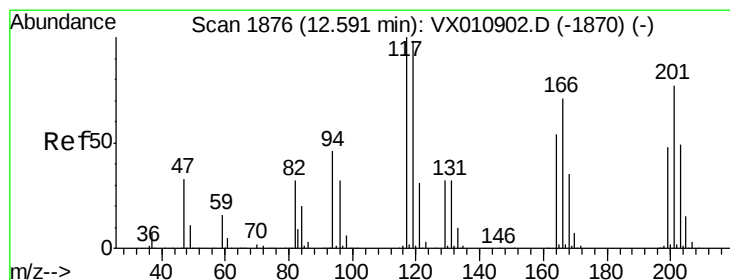
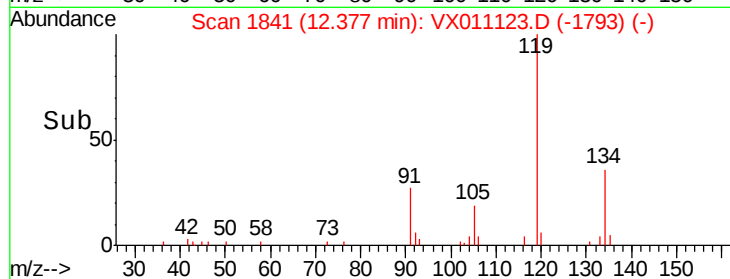
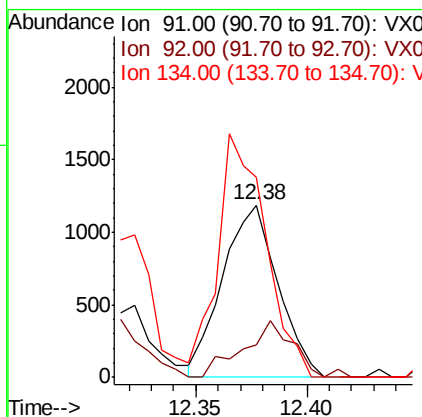
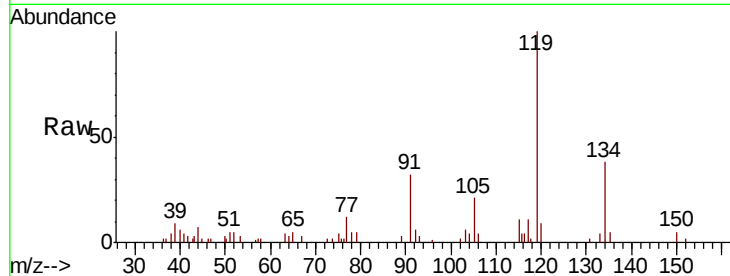




#89
n-Butylbenzene
Concen: 0.282 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX011123.D
Acq: 27 Jul 2019 05:03

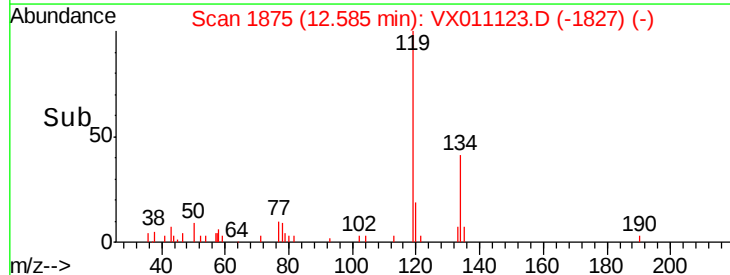
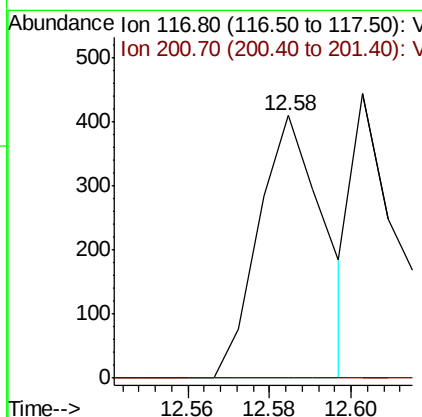
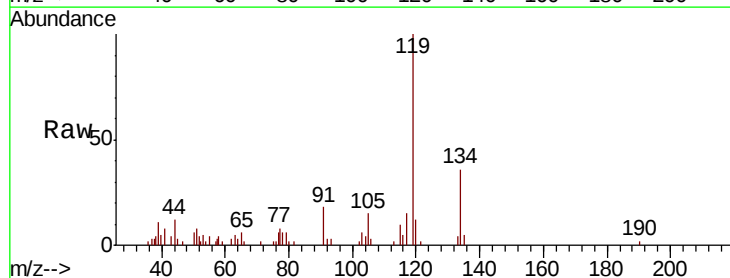
Instrument :
MSVOA_X
ClientSampled :
CL-02-072519-B

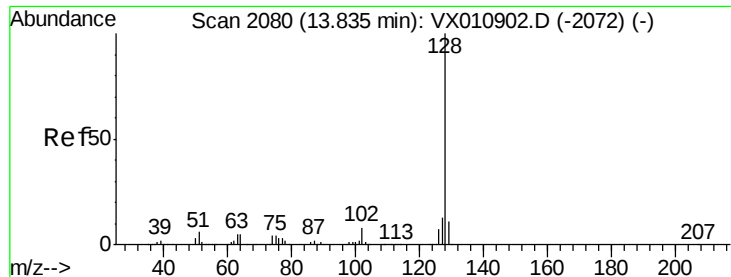
Tot Ion: 91 Resp: 2058
Ion Ratio Lower Upper
91 100
92 30.0 26.2 78.5
134 121.8 13.8 41.3#



#90
Hexachloroethane
Concen: 0.339 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX011123.D
Acq: 27 Jul 2019 05:03

Tgt Ion: 117 Resp: 456
Ion Ratio Lower Upper
117 100
201 0.0 43.3 129.8#

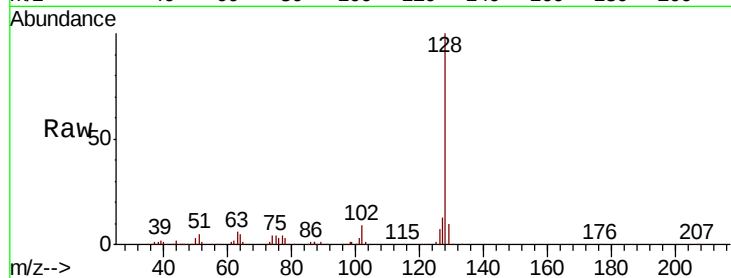




#95
Naphthalene
Concen: 3.807 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX011123.D
Acq: 27 Jul 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.6	8.9	13.3



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

