

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072219\
 Data File : VX011024.D
 Acq On : 22 Jul 2019 12:42
 Operator : JC/SP
 Sample : K3615-05
 Misc : 5.06µg/5mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-071719-CME

Quant Time: Jul 23 03:42:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 20 04:05:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	235930	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	365872	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	323840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	184053	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	126109	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
35) Dibromofluoromethane	5.50	113	109162	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
50) Toluene-d8	8.71	98	428604	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
62) 4-Bromofluorobenzene	11.14	95	193070	60.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	89	0.581	ug/l #	43
3) Chloromethane	1.32	50	549	0.253	ug/l	96
5) Bromomethane	1.64	94	1321	1.059	ug/l	86
8) Diethyl Ether	2.19	74	316	0.245	ug/l	59
10) Methyl Iodide	2.48	142	2113	0.753	ug/l	98
11) Tert butyl alcohol	3.01	59	32585	55.745	ug/l #	77
13) Acrolein	2.27	56	71	0.210	ug/l #	15
17) Carbon Disulfide	2.52	76	1374	0.255	ug/l #	62
18) Methyl Acetate	2.79	43	5628	2.180	ug/l #	73
20) Methylene Chloride	2.84	84	3192	1.329	ug/l	94
36) 1,1-Dichloropropene	5.65	75	16142	5.371	ug/l #	49
38) Carbon Tetrachloride	5.65	117	21533	6.876	ug/l #	18
39) Methylcyclohexane	7.45	83	2727	0.700	ug/l	95
49) 1,4-Dioxane	7.57	88	44	0.638	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	2610	0.796	ug/l #	35
52) Toluene	8.78	92	7353	1.216	ug/l	99
55) 1,1,2-Trichloroethane	9.16	97	21907	8.798	ug/l #	19
56) Ethyl methacrylate	9.16	69	4655	1.278	ug/l #	1
59) 2-Hexanone	9.44	43	28595	11.240	ug/l #	29
60) Dibromochloromethane	9.55	129	177	2.586	ug/l #	1
67) Ethyl Benzene	10.25	91	117406	10.370	ug/l	99
68) m/p-Xylenes	10.36	106	232539	53.546	ug/l	99
69) o-Xylene	10.70	106	202618	47.805	ug/l	98
70) Styrene	10.70	104	10413	1.474	ug/l #	1
73) Isopropylbenzene	11.02	105	114875	9.237	ug/l	100
74) N-amyl acetate	10.91	43	238436	50.177	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	167764	41.221	ug/l #	26
76) 1,2,3-Trichloropropane	11.36	75	4340	1.307	ug/l #	1
78) n-propylbenzene	11.36	91	738446	53.739	ug/l	99
79) 2-Chlorotoluene	11.44	91	407846	49.408	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	2043109	196.606	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	79679	59.922	ug/l #	39
82) 4-Chlorotoluene	11.51	91	238524	24.827	ug/l #	45
83) tert-Butylbenzene	11.81	119	602120	58.988	ug/l #	54

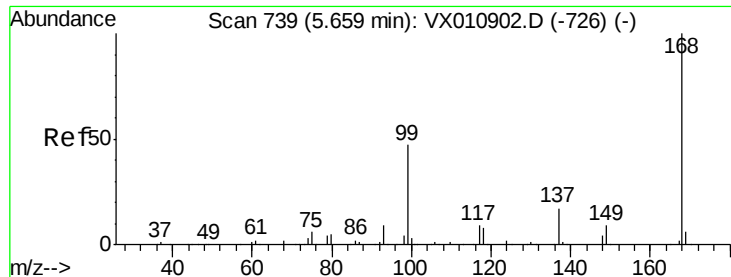
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072219\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.81	105	4673618	446.212	ug/l	99
85) sec-Butylbenzene	11.94	105	378744	31.666	ug/l	98
86) p-Isopropyltoluene	12.07	119	360934	32.642	ug/l	100
89) n-Butylbenzene	12.39	91	1565233	165.460	ug/l #	51
90) Hexachloroethane	12.59	117	109595	62.840	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	12.98	75	11669	13.716	ug/l #	2
93) 1,2,4-Trichlorobenzene	13.65	180	1760	0.440	ug/l #	1
94) Hexachlorobutadiene	13.78	225	549	0.277	ug/l	87
95) Naphthalene	13.83	128	267621	22.666	ug/l #	88
96) 1,2,3-Trichlorobenzene	14.03	180	8200	2.061	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.01 min

Lab File: VX011024.D

Acq: 22 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

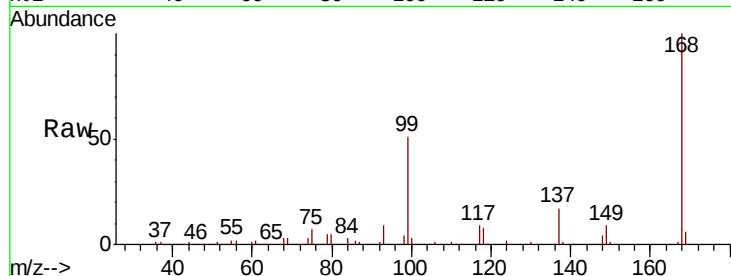
HR-06-071719-CME

Tot Ion:168 Resp: 235930

Ion Ratio Lower Upper

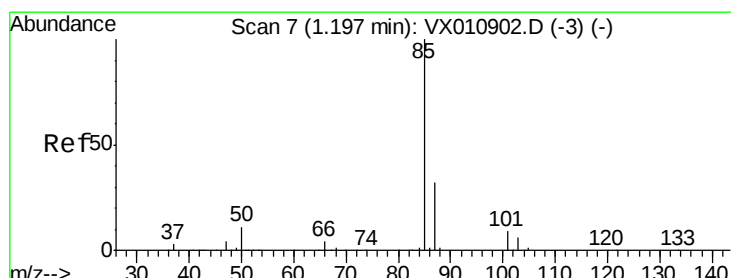
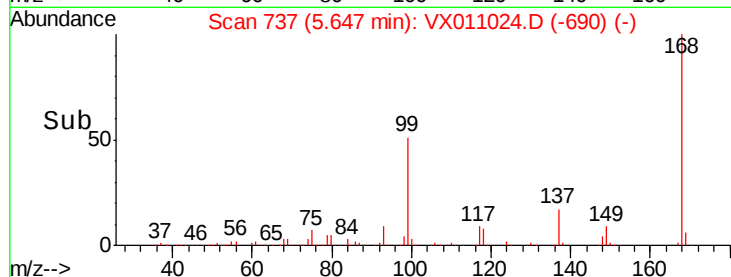
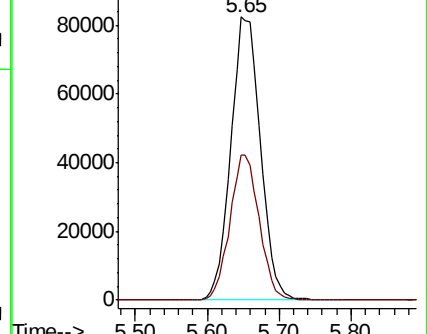
168 100

99 51.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.581 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011024.D

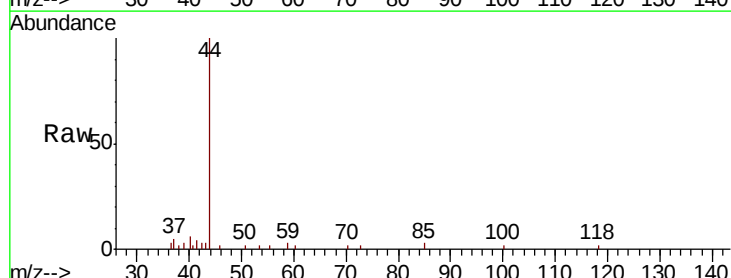
Acq: 22 Jul 2019 12:42

Tgt Ion: 85 Resp: 89

Ion Ratio Lower Upper

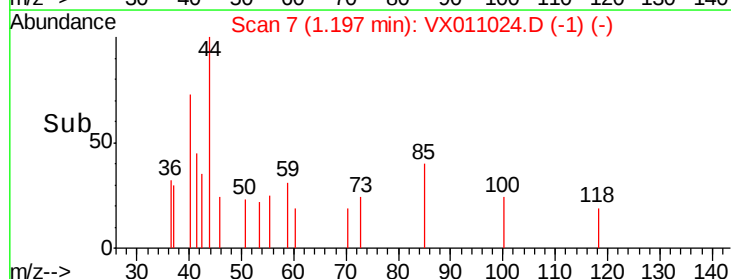
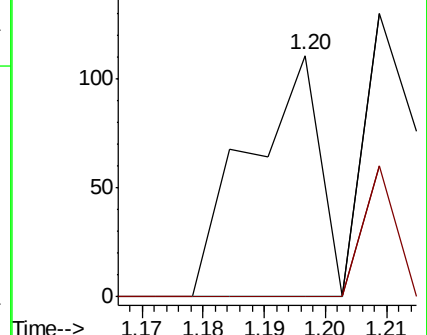
85 100

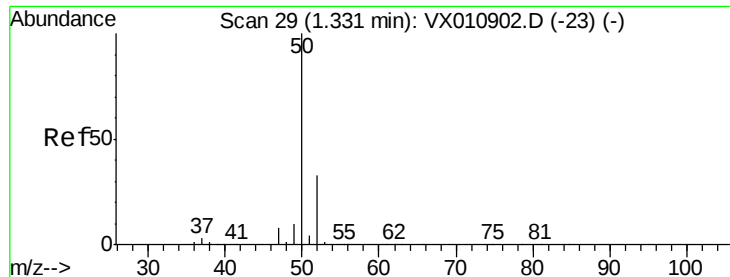
87 0.0 15.9 47.7#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.253 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.01 min

Lab File: VX011024.D

Acq: 22 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

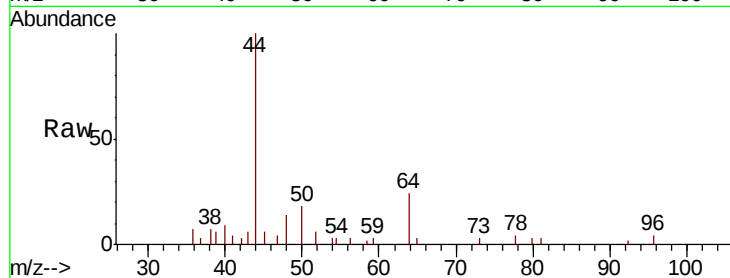
HR-06-071719-CME

Tot Ion: 50 Resp: 549

Ion Ratio Lower Upper

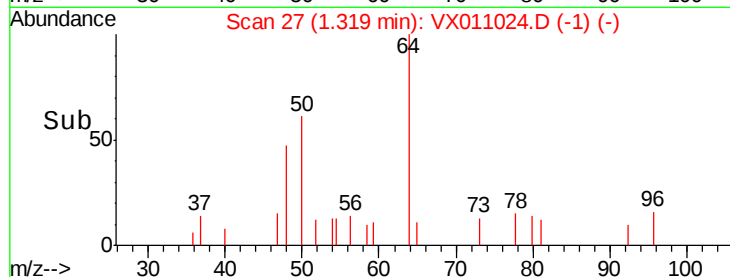
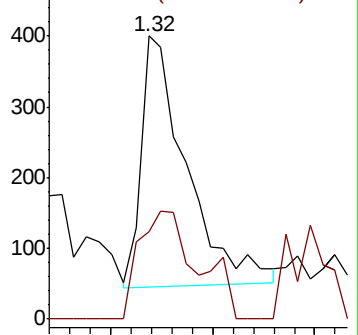
50 100

52 35.5 26.4 39.6

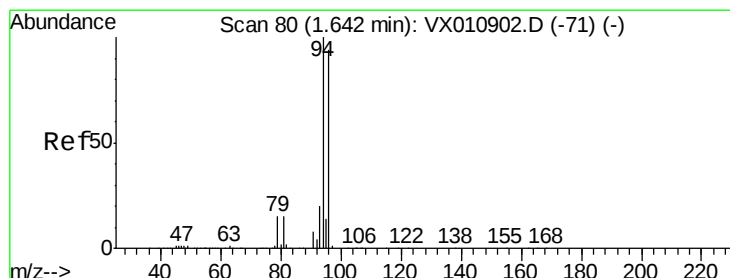


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#5

Bromomethane

Concen: 1.059 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011024.D

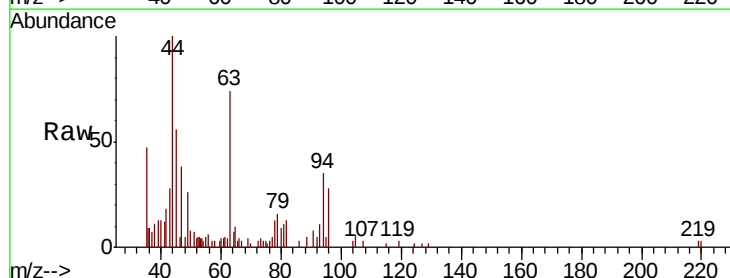
Acq: 22 Jul 2019 12:42

Tgt Ion: 94 Resp: 1321

Ion Ratio Lower Upper

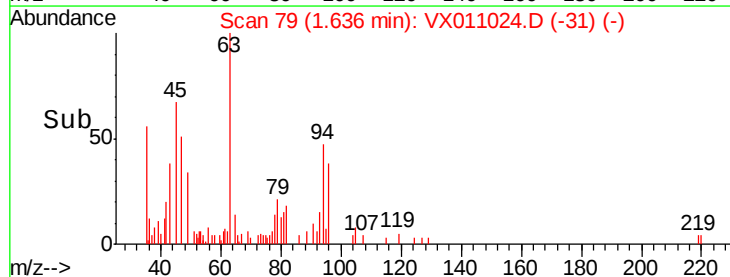
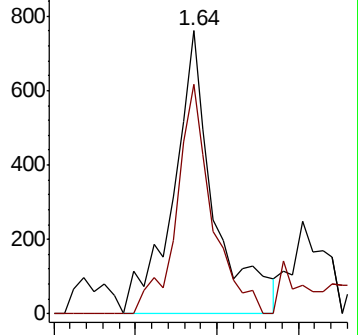
94 100

96 81.1 75.6 113.4

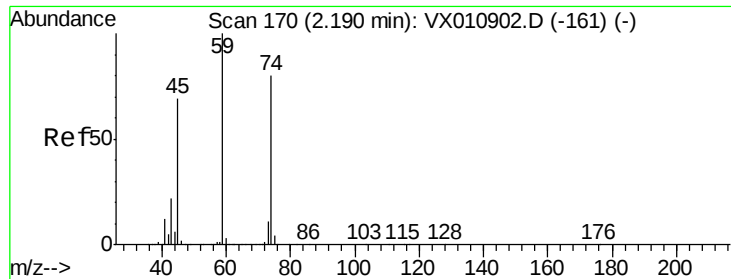


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#8

Diethyl Ether

Concen: 0.245 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX011024.D

Acq: 22 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

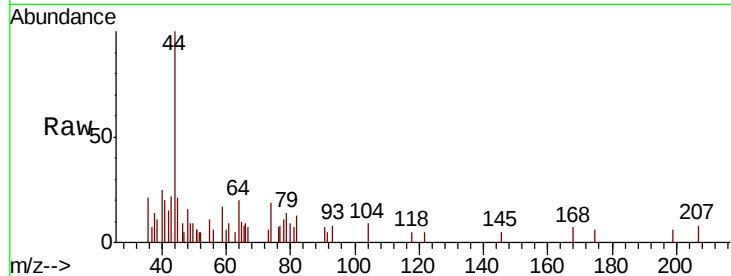
HR-06-071719-CME

Tot Ion: 74 Resp: 316

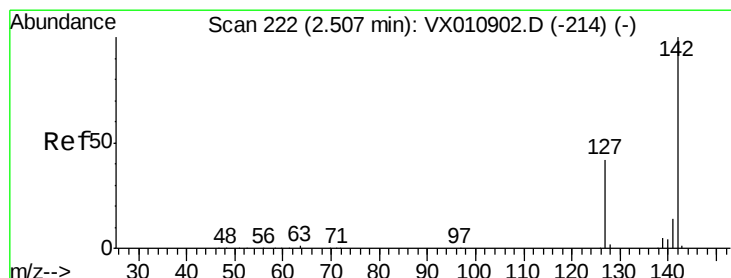
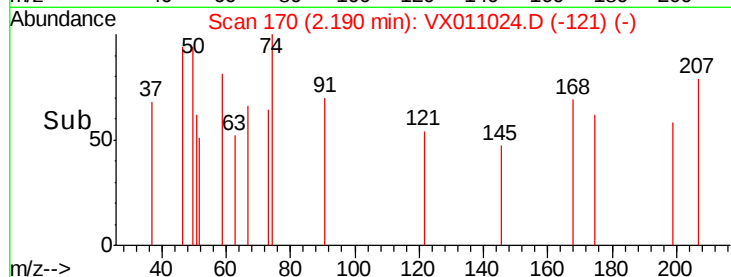
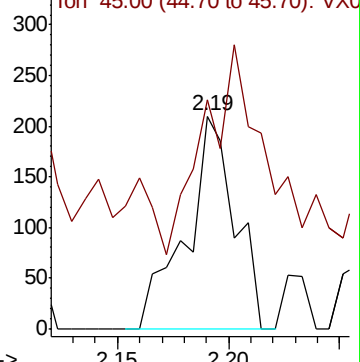
Ion Ratio Lower Upper

74 100

45 129.7 45.5 136.5



Abundance Ion 74.00 (73.70 to 74.70): VX011024.D (-161) (-)



#10

Methyl Iodide

Concen: 0.753 ug/l

RT: 2.48 min Scan# 217

Delta R.T. -0.03 min

Lab File: VX011024.D

Acq: 22 Jul 2019 12:42

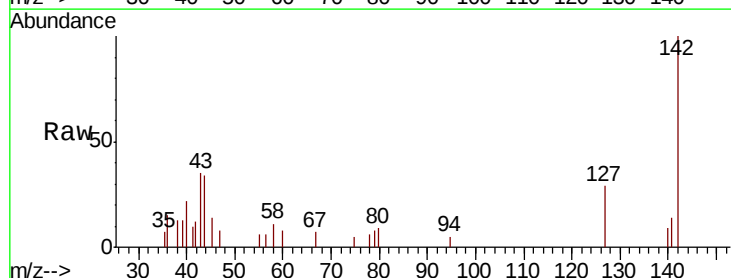
Tgt Ion: 142 Resp: 2113

Ion Ratio Lower Upper

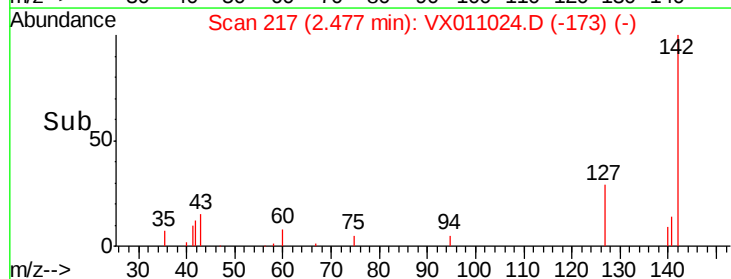
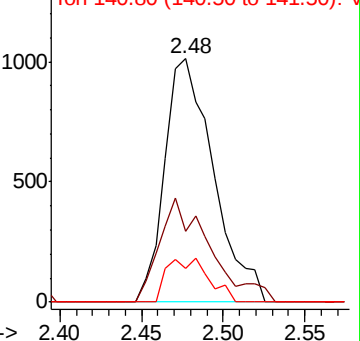
142 100

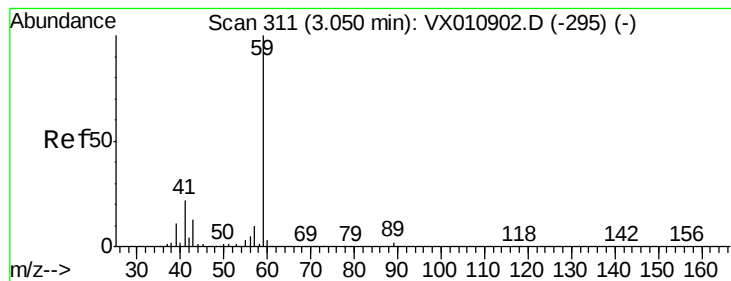
127 44.3 34.2 51.4

141 15.4 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): VX011024.D (-214) (-)





#11

Tert butyl alcohol

Concen: 55.745 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.04 min

Lab File: VX011024.D

Acq: 22 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

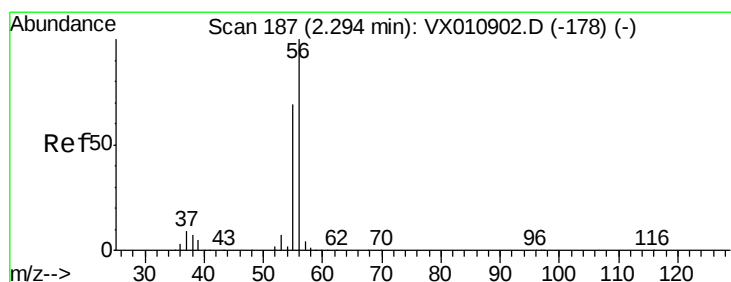
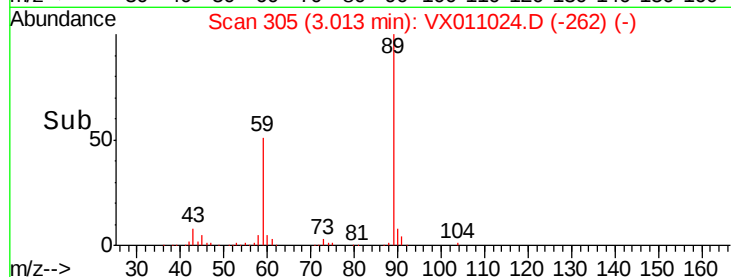
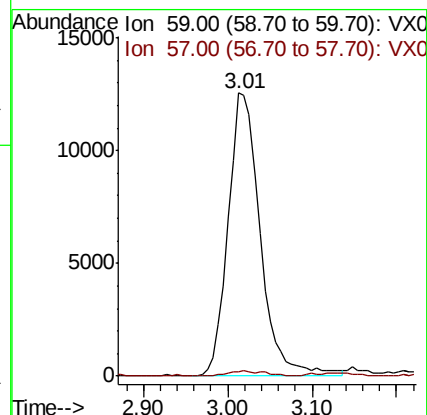
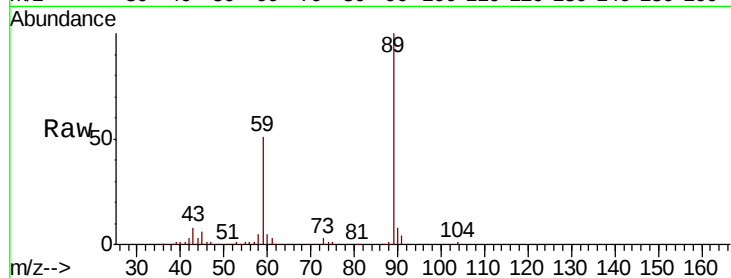
HR-06-071719-CME

Tot Ion: 59 Resp: 32585

Ion Ratio Lower Upper

59 100

57 1.4 7.9 11.9#



#13

Acrolein

Concen: 0.210 ug/l

RT: 2.27 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX011024.D

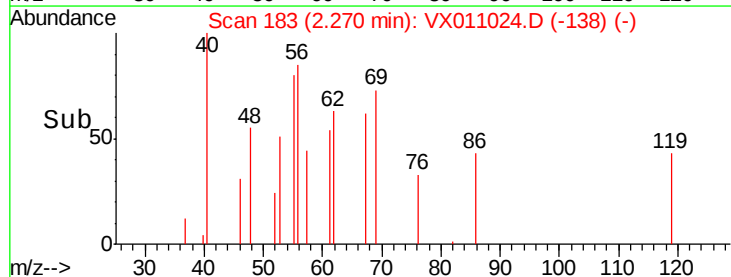
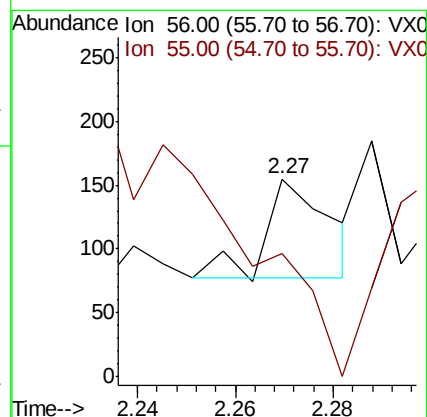
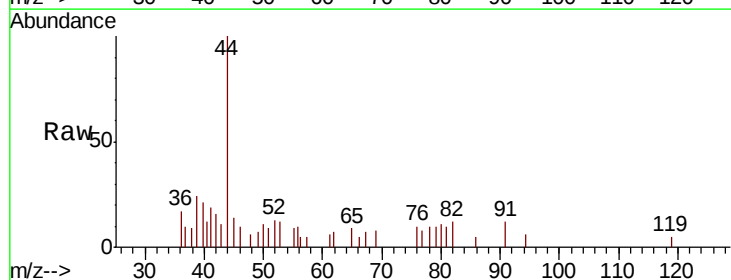
Acq: 22 Jul 2019 12:42

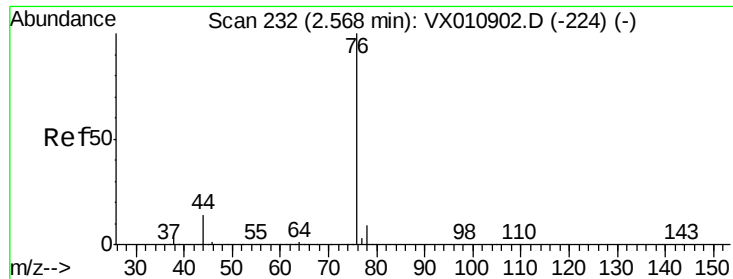
Tgt Ion: 56 Resp: 71

Ion Ratio Lower Upper

56 100

55 0.0 55.9 83.9#

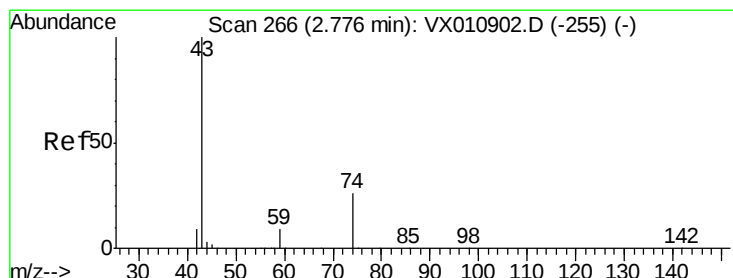
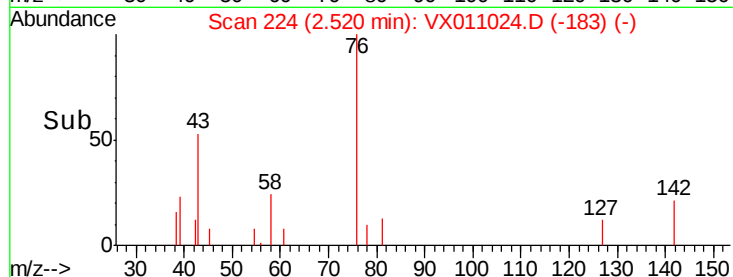
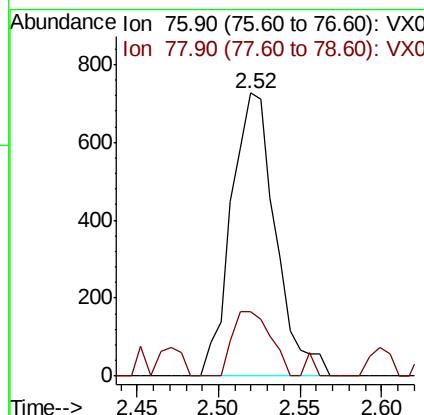
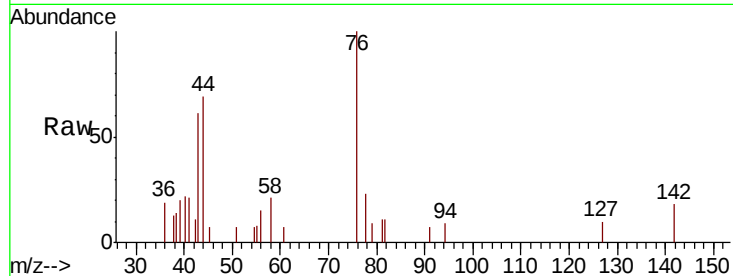




#17
Carbon Disulfide
Concen: 0.255 ug/l
RT: 2.52 min Scan# 224
Delta R.T. -0.05 min
Lab File: VX011024.D
Acq: 22 Jul 2019 12:42

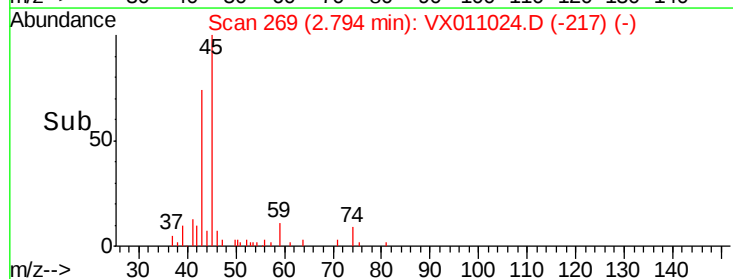
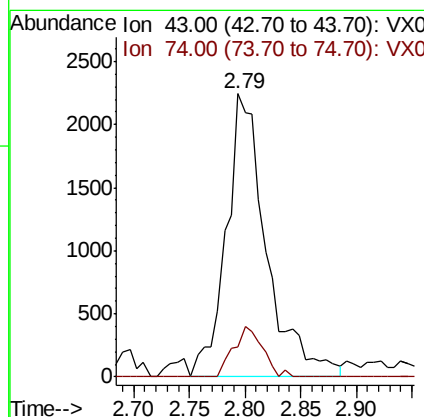
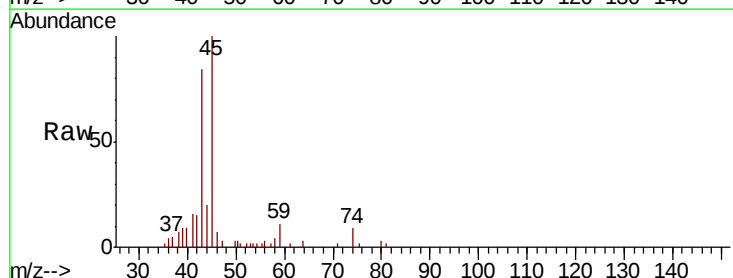
Instrument :
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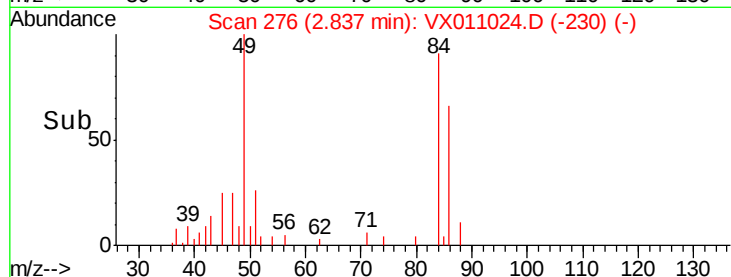
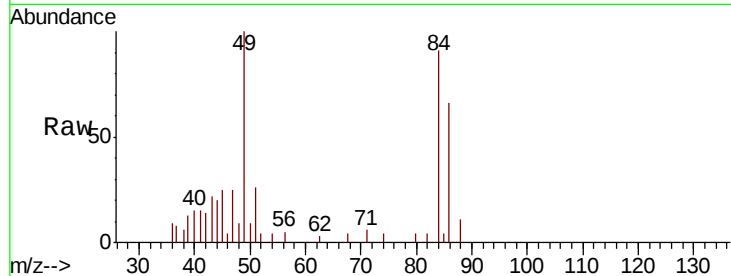
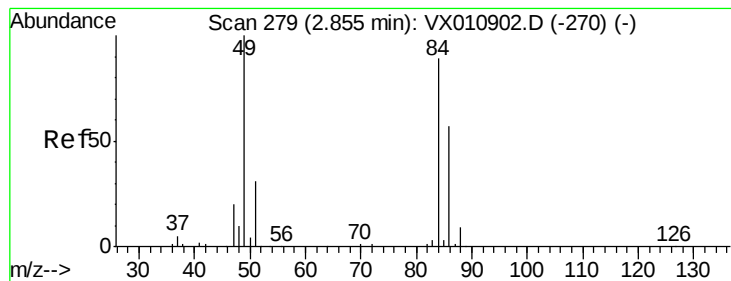
Tot Ion: 76 Resp: 1374
Ion Ratio Lower Upper
76 100
78 23.0 7.4 11.0#



#18
Methyl Acetate
Concen: 2.180 ug/l
RT: 2.79 min Scan# 269
Delta R.T. 0.02 min
Lab File: VX011024.D
Acq: 22 Jul 2019 12:42

Tgt Ion: 43 Resp: 5628
Ion Ratio Lower Upper
43 100
74 12.9 21.5 32.3#





#20

Methylene Chloride

Concen: 1.329 ug/l

RT: 2.84 min Scan# 276

Delta R.T. -0.02 min

Lab File: VX011024.D

Acq: 22 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

HR-06-071719-CME

Tot Ion: 84 Resp: 3192

Ion Ratio Lower Upper

84 100

49 110.0 89.9 134.9

51 28.3 27.8 41.6

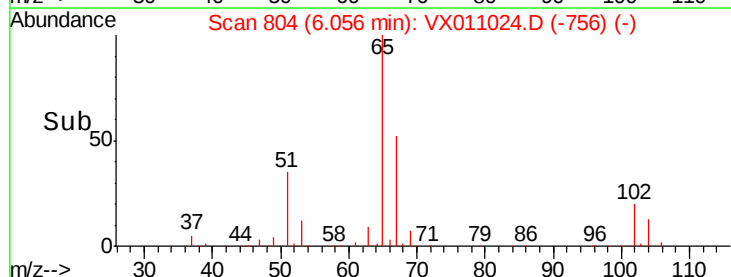
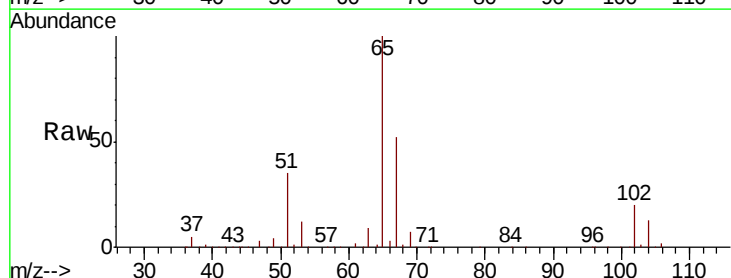
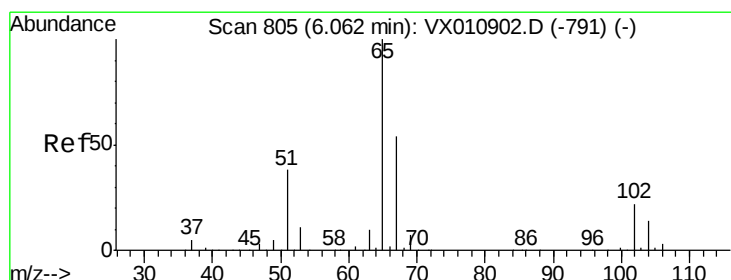
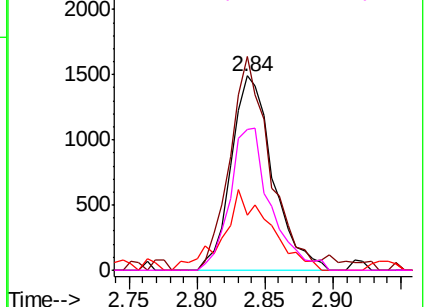
86 72.8 51.8 77.6

Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.244 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX011024.D

Acq: 22 Jul 2019 12:42

Tgt Ion: 65 Resp: 126109

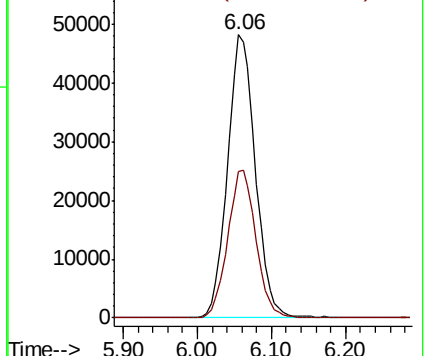
Ion Ratio Lower Upper

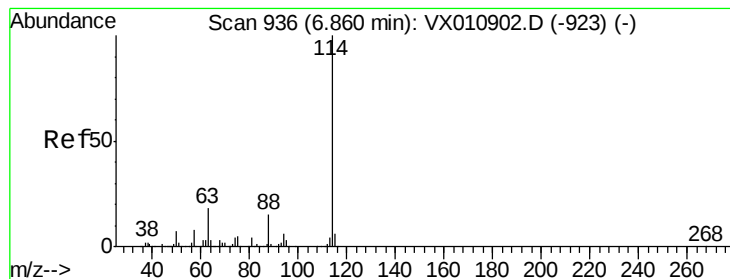
65 100

67 52.8 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: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX011024.D

Acq: 22 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

HR-06-071719-CME

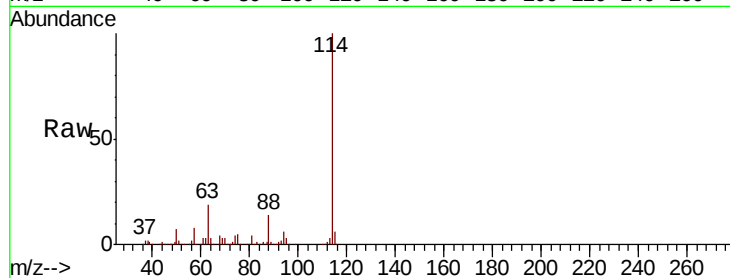
Tot Ion:114 Resp: 365872

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.6

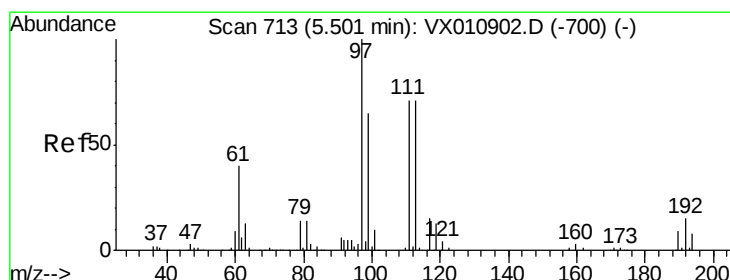
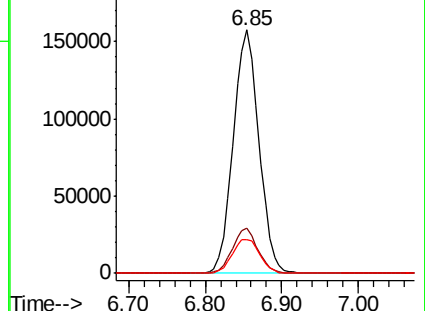
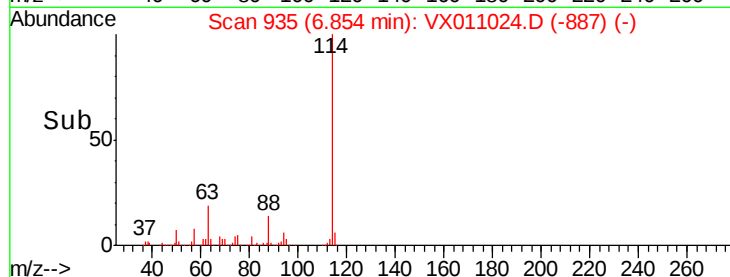
88 14.0 0.0 29.8



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: 47.007 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX011024.D

Acq: 22 Jul 2019 12:42

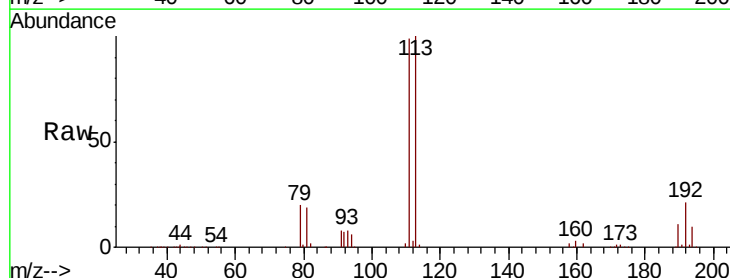
Tgt Ion:113 Resp: 109162

Ion Ratio Lower Upper

113 100

111 102.5 82.3 123.5

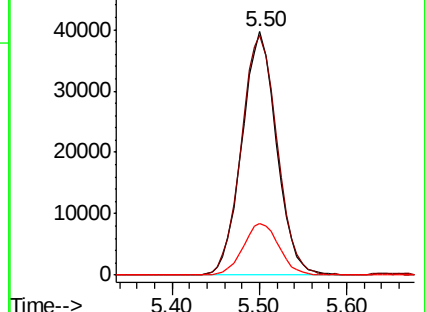
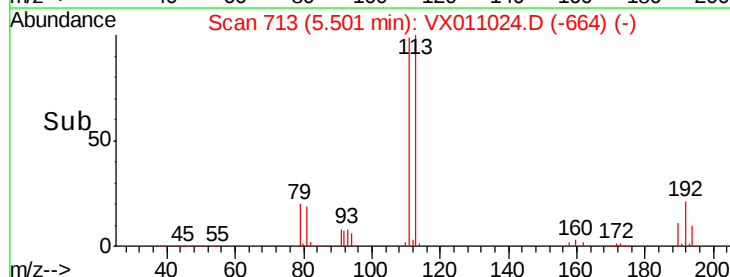
192 21.9 17.4 26.2

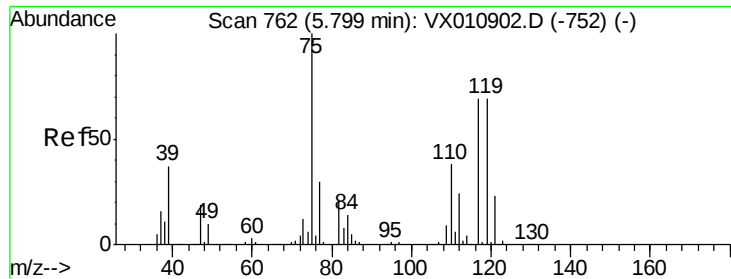


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

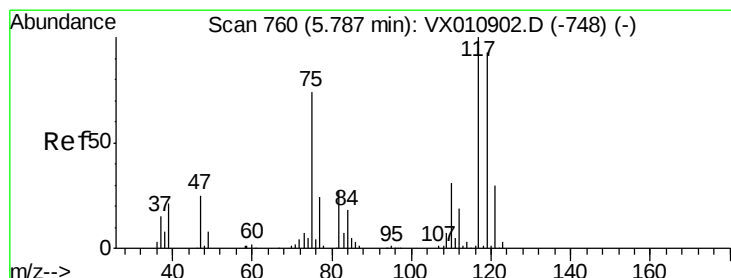
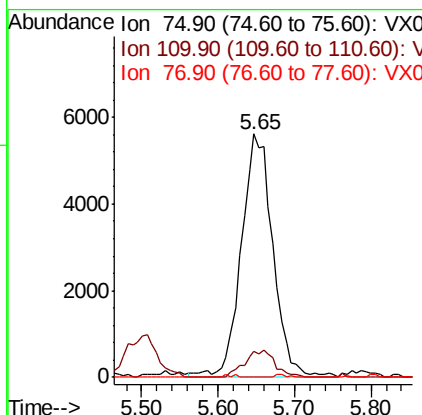
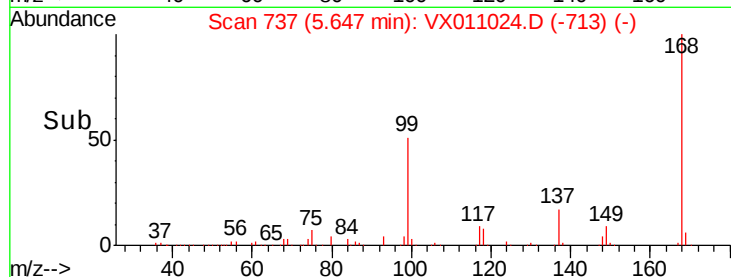
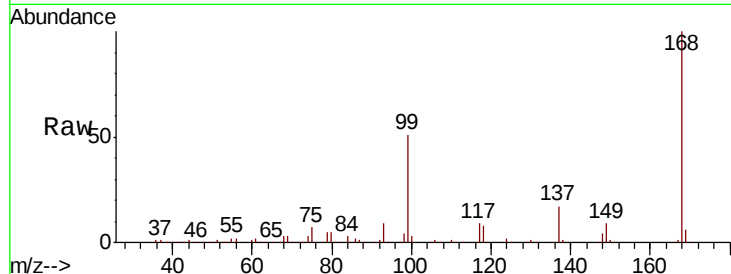




#36
 1,1-Dichloropropene
 Concen: 5.371 ug/l
 RT: 5.65 min Scan# 737
 Delta R.T. -0.15 min
 Lab File: VX011024.D
 Acq: 22 Jul 2019 12:42

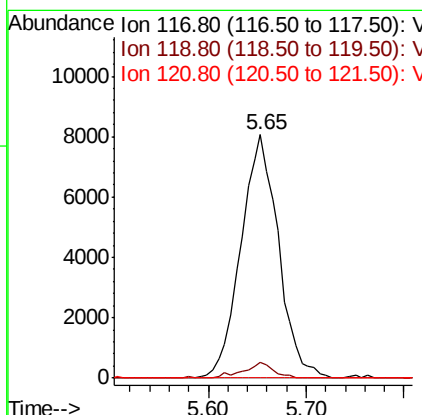
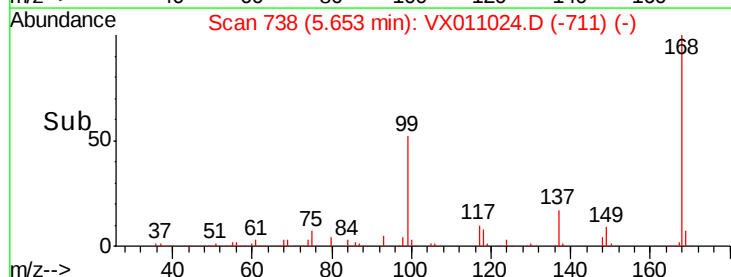
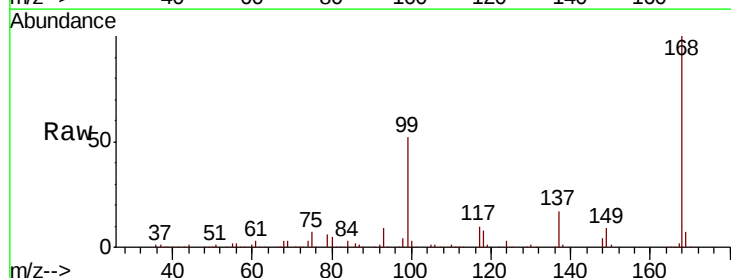
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-071719-CME

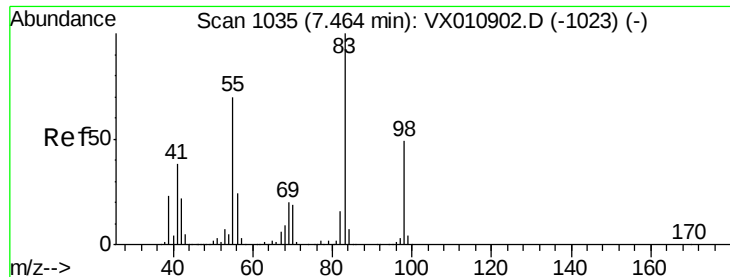
Tot Ion: 75 Resp: 16142
 Ion Ratio Lower Upper
 75 100
 110 10.7 19.9 59.7#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.876 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.13 min
 Lab File: VX011024.D
 Acq: 22 Jul 2019 12:42

Tgt Ion: 117 Resp: 21533
 Ion Ratio Lower Upper
 117 100
 119 6.2 74.2 111.2#
 121 0.0 24.2 36.2#

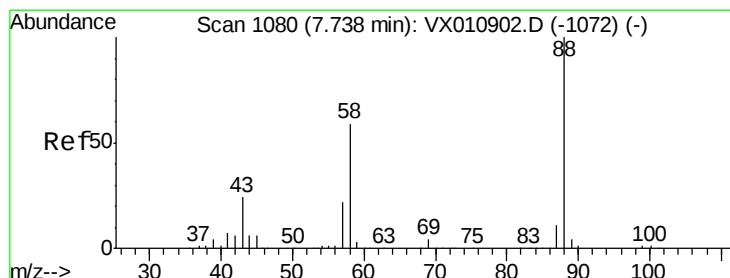
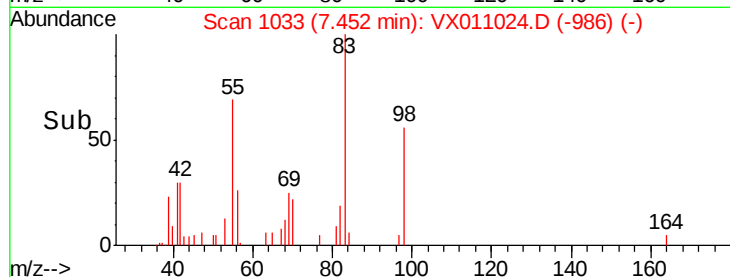
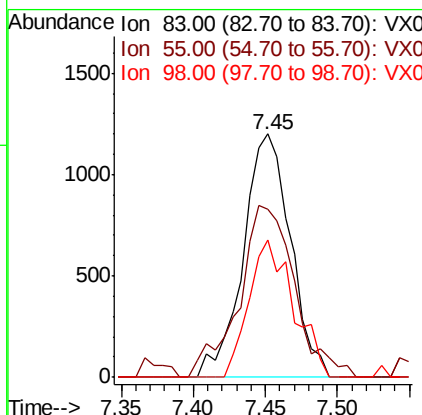
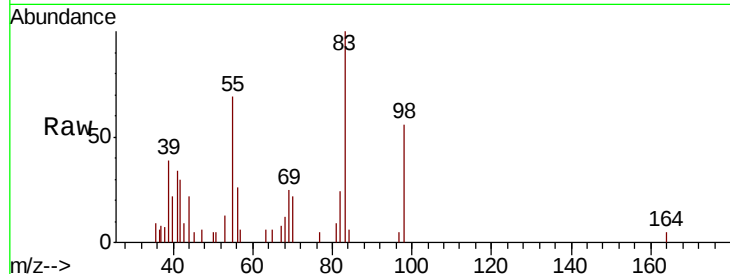




#39
Methylcyclohexane
Concen: 0.700 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX011024.D
Acq: 22 Jul 2019 12:42

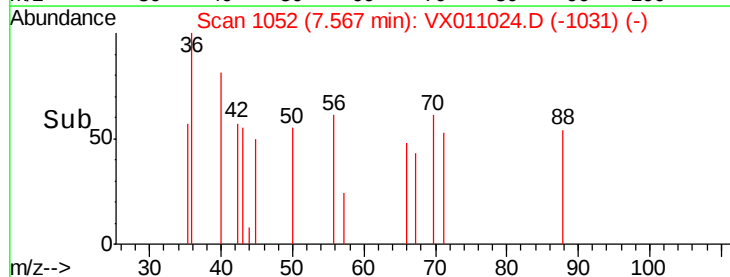
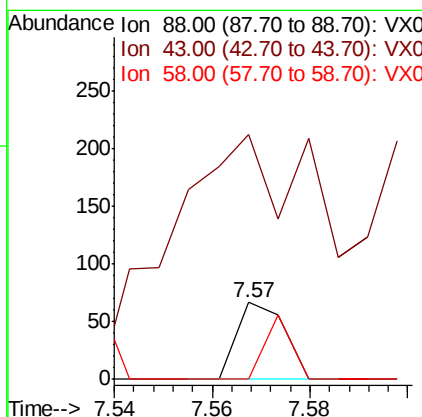
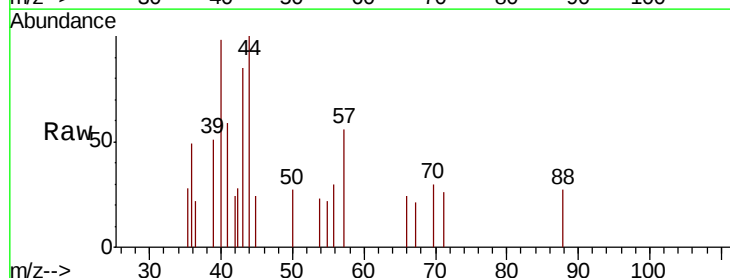
Instrument :
MSVOA_X
ClientSampleId :
HR-06-071719-CME

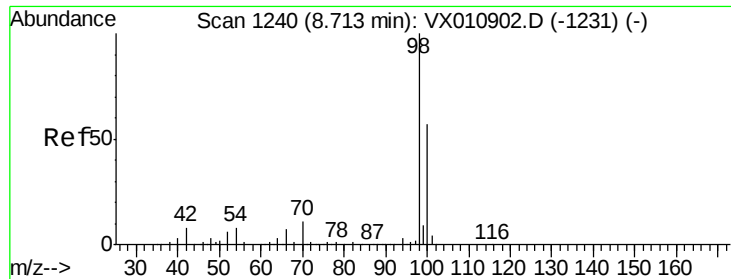
Tot Ion: 83 Resp: 2727
Ion Ratio Lower Upper
83 100
55 69.1 56.2 84.4
98 56.3 39.0 58.4



#49
1,4-Dioxane
Concen: 0.638 ug/l
RT: 7.57 min Scan# 1052
Delta R.T. -0.17 min
Lab File: VX011024.D
Acq: 22 Jul 2019 12:42

Tgt Ion: 88 Resp: 44
Ion Ratio Lower Upper
88 100
43 1002.3 22.9 34.3#
58 45.5 49.8 74.8#

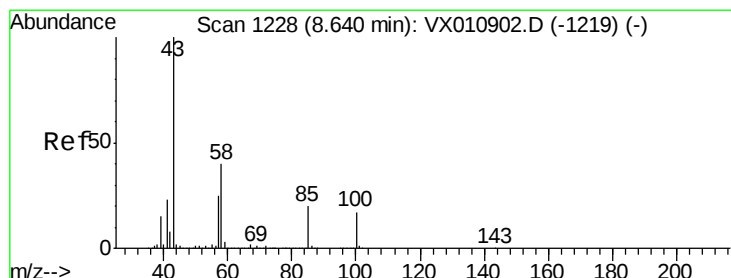
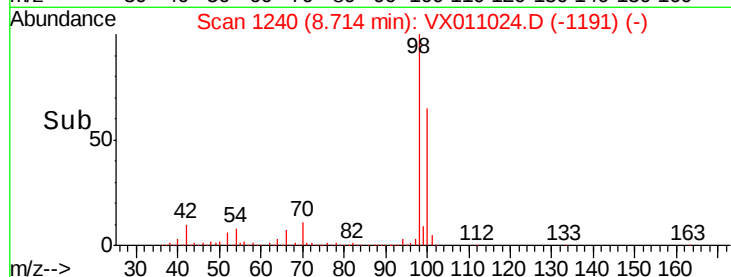
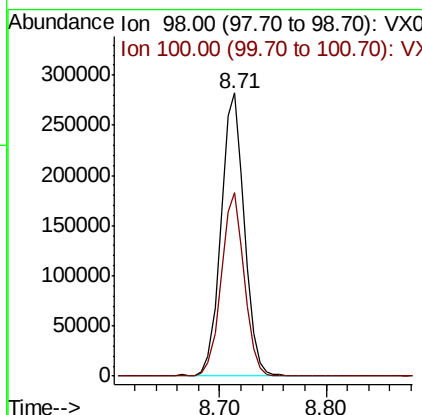
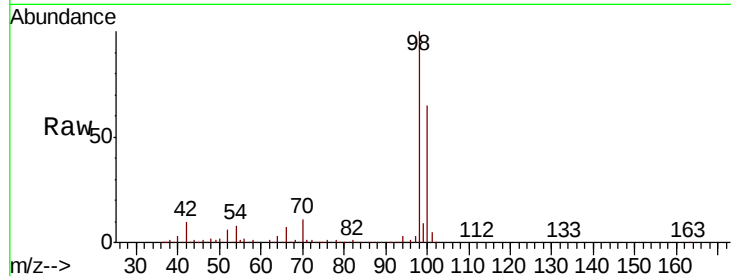




#50
Toluene-d8
Concen: 49.208 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011024.D
Acq: 22 Jul 2019 12:42

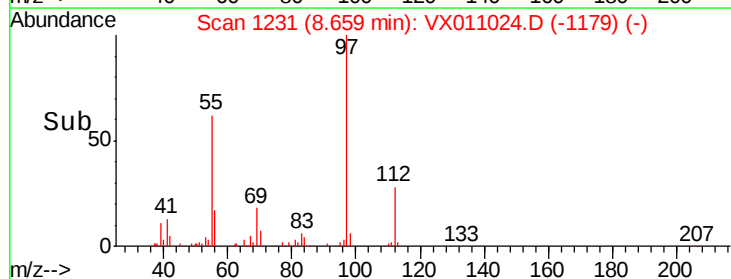
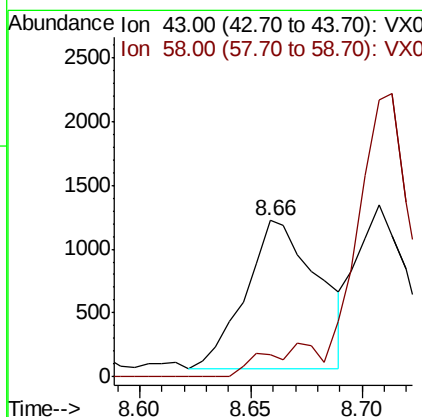
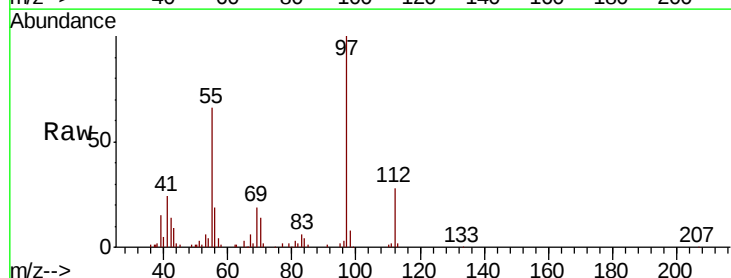
Instrument :
MSVOA_X
ClientSampleId :
HR-06-071719-CME

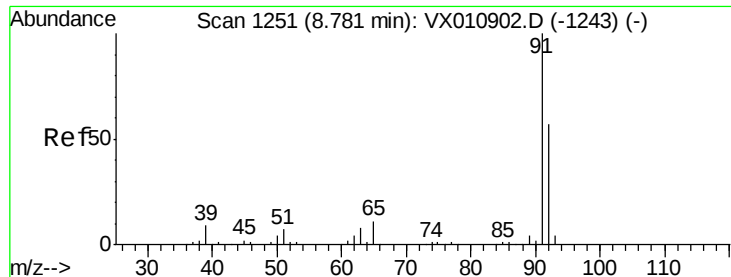
Tot Ion: 98 Resp: 428604
Ion Ratio Lower Upper
98 100
100 64.1 50.6 75.8



#51
4-Methyl-2-Pentanone
Concen: 0.796 ug/l
RT: 8.66 min Scan# 1231
Delta R.T. 0.02 min
Lab File: VX011024.D
Acq: 22 Jul 2019 12:42

Tgt Ion: 43 Resp: 2610
Ion Ratio Lower Upper
43 100
58 0.0 32.2 48.4#





#52

Toluene

Concen: 1.216 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011024.D

Acq: 22 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

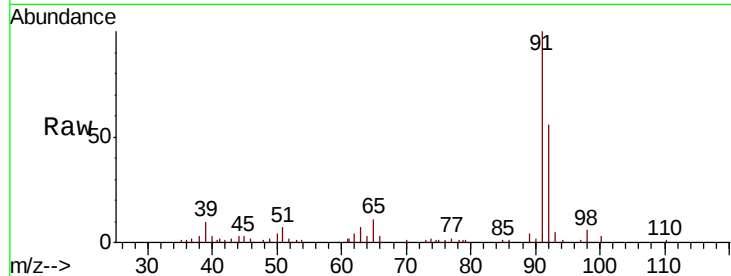
HR-06-071719-CME

Tot Ion: 92 Resp: 7353

Ion Ratio Lower Upper

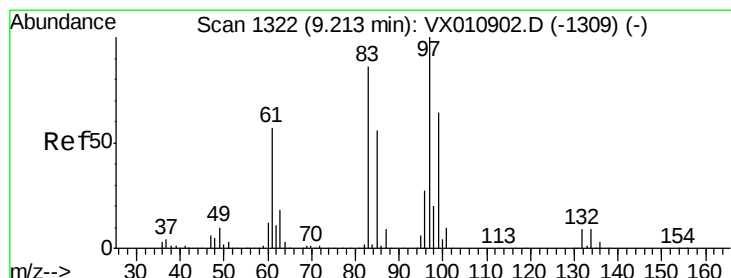
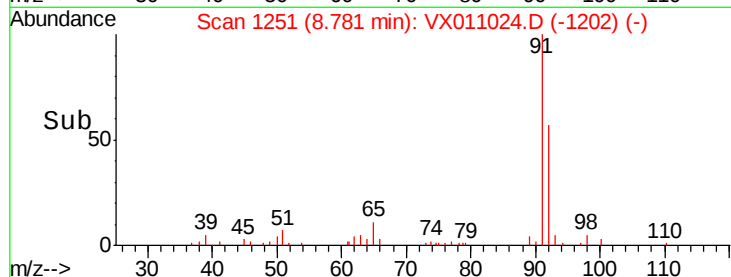
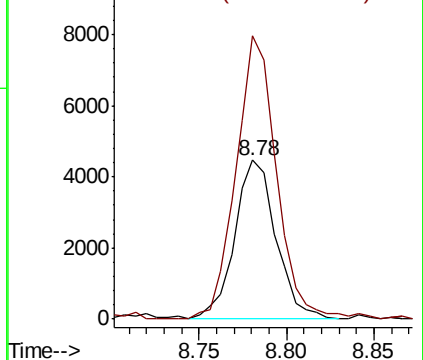
92 100

91 175.1 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 8.798 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.05 min

Lab File: VX011024.D

Acq: 22 Jul 2019 12:42

Tgt Ion: 97 Resp: 21907

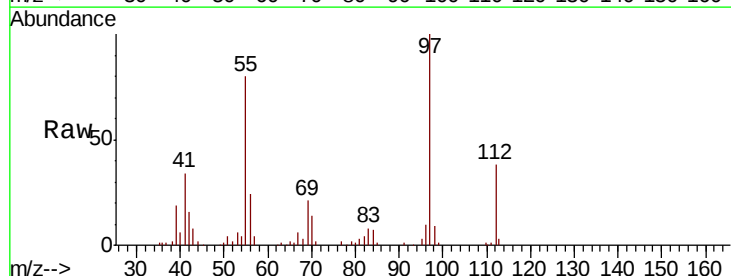
Ion Ratio Lower Upper

97 100

83 7.6 69.2 103.8#

85 1.2 44.6 66.8#

99 0.7 51.2 76.8#

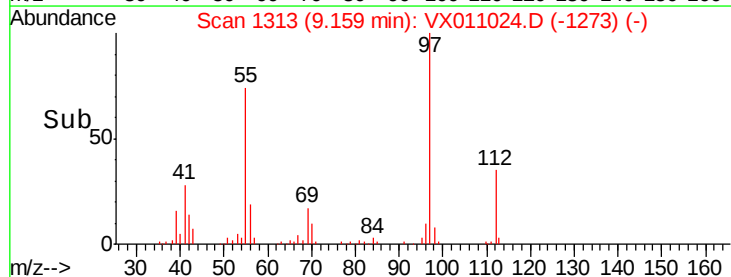
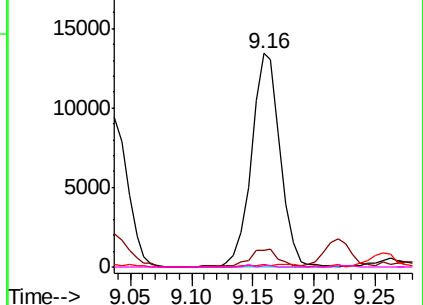


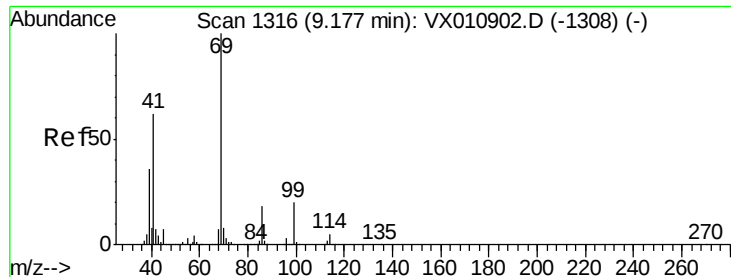
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#56

Ethyl methacrylate

Concen: 1.278 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.02 min

Lab File: VX011024.D

Acq: 22 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

HR-06-071719-CME

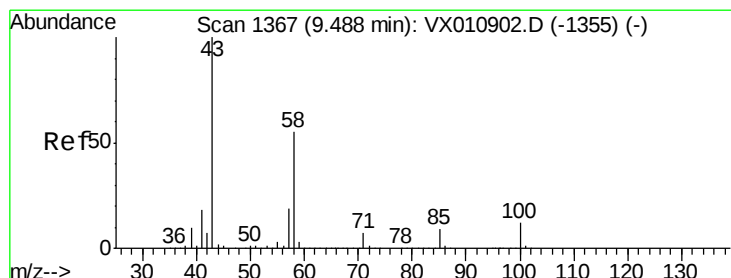
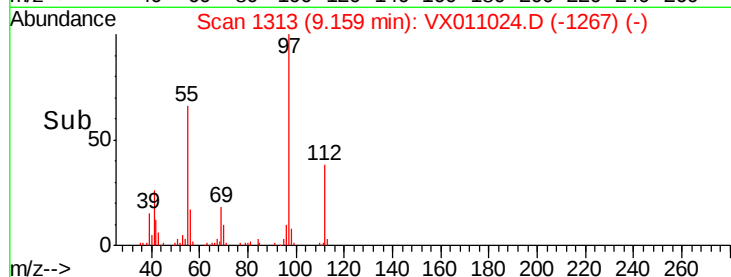
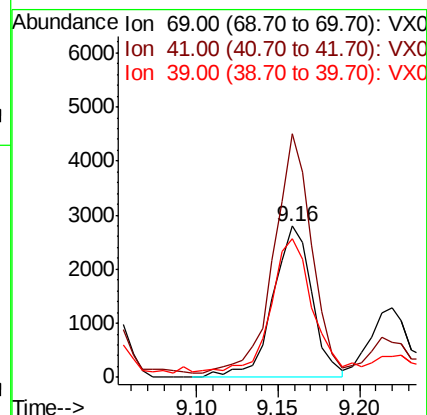
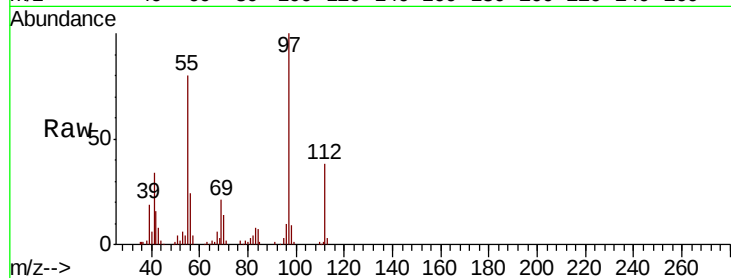
Tot Ion: 69 Resp: 4655

Ion Ratio Lower Upper

69 100

41 150.5 49.7 74.5#

39 87.8 29.6 44.4#



#59

2-Hexanone

Concen: 11.240 ug/l

RT: 9.44 min Scan# 1359

Delta R.T. -0.05 min

Lab File: VX011024.D

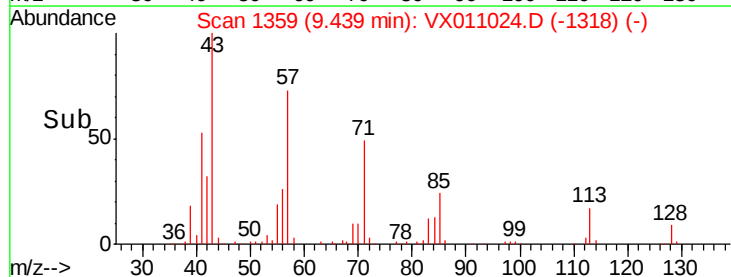
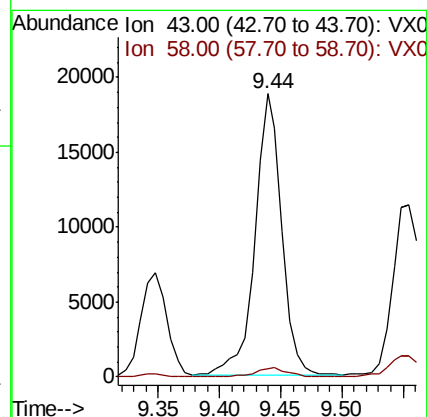
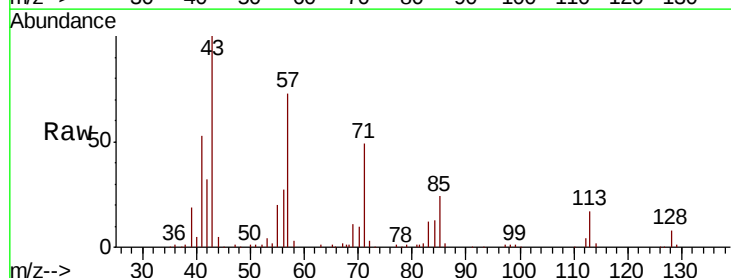
Acq: 22 Jul 2019 12:42

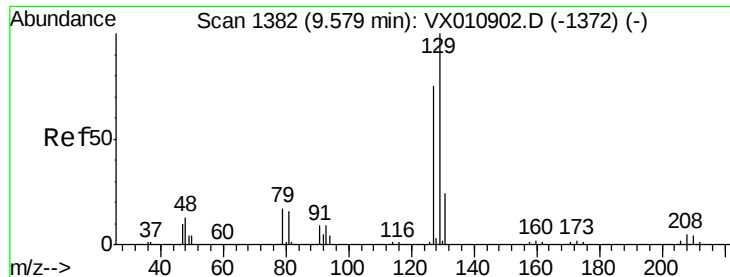
Tgt Ion: 43 Resp: 28595

Ion Ratio Lower Upper

43 100

58 3.9 28.0 83.9#





#60

Dibromochloromethane

Concen: 2.586 ug/l

RT: 9.55 min Scan# 1377

Delta R.T. -0.03 min

Lab File: VX011024.D

Acq: 22 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

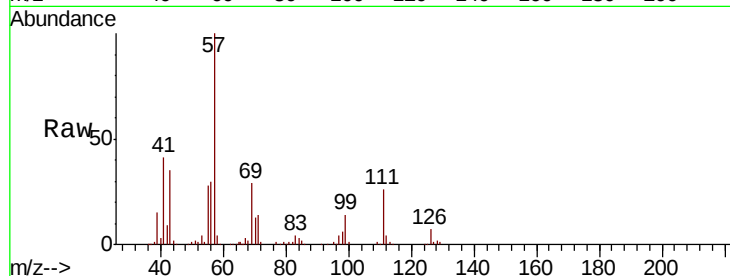
HR-06-071719-CME

Tot Ion:129 Resp: 177

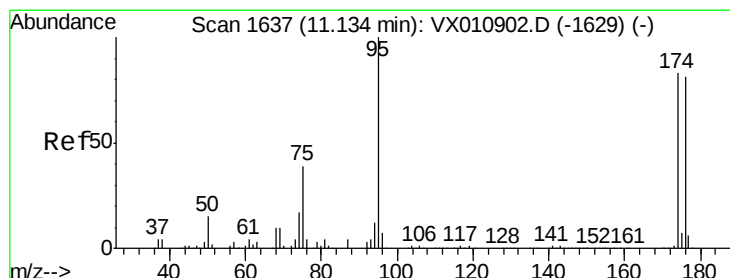
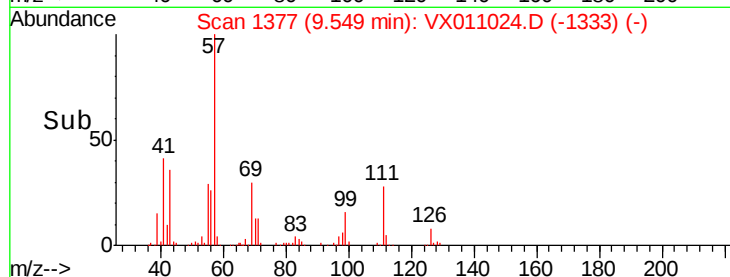
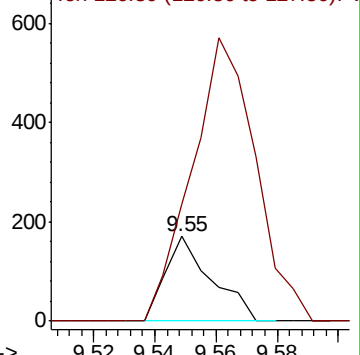
Ion Ratio Lower Upper

129 100

127 468.9 38.6 115.8#



Abundance Ion 128.80 (128.50 to 129.50): V



#62

4-Bromofluorobenzene

Concen: 60.306 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX011024.D

Acq: 22 Jul 2019 12:42

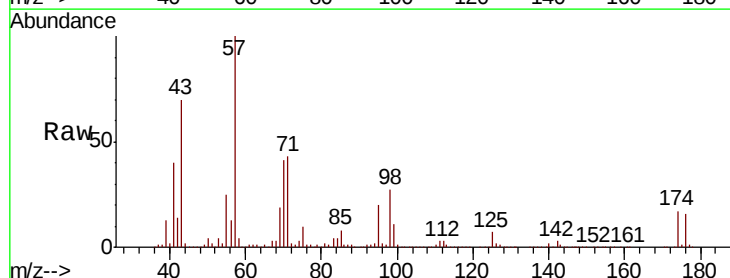
Tgt Ion: 95 Resp: 193070

Ion Ratio Lower Upper

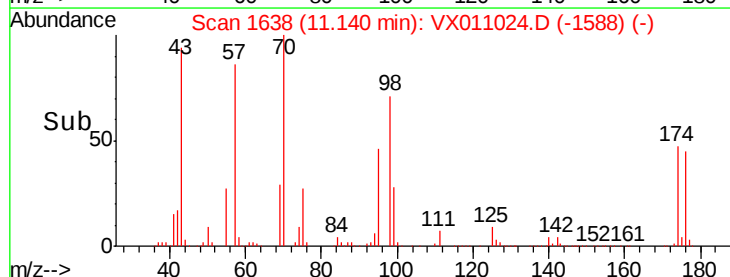
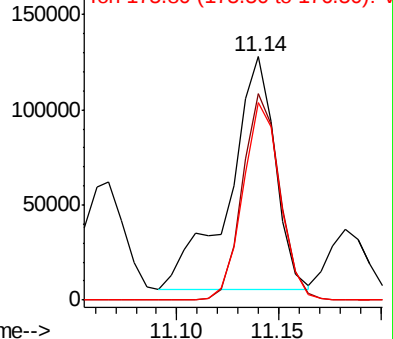
95 100

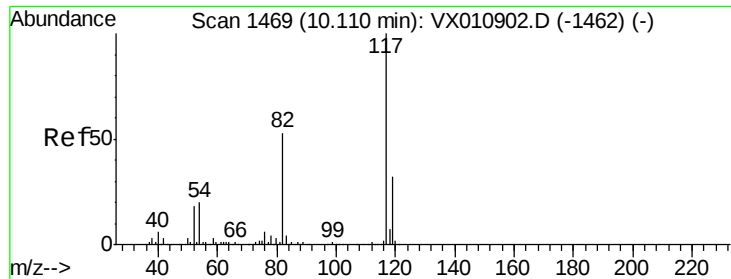
174 71.9 0.0 180.6

176 68.9 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

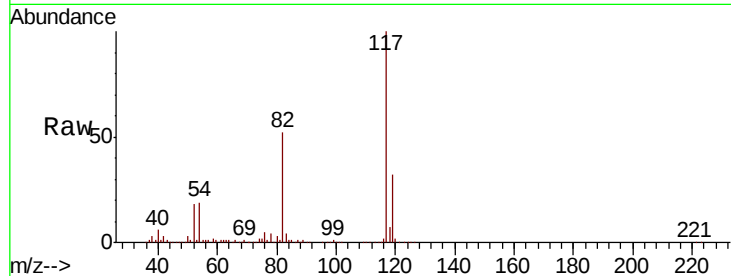




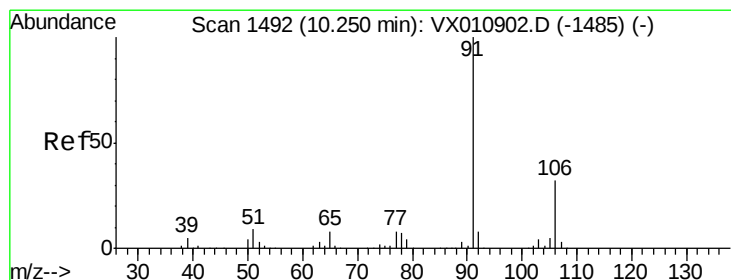
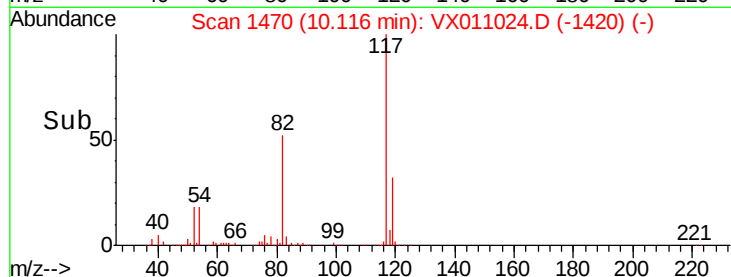
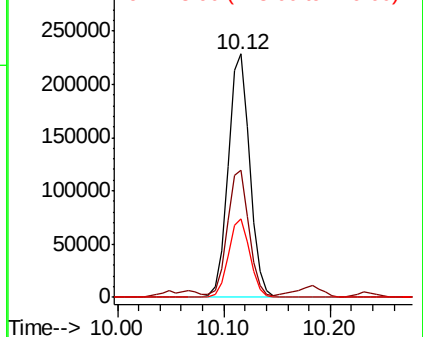
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX011024.D
Acq: 22 Jul 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
HR-06-071719-CME

Tot Ion:117 Resp: 323840
Ion Ratio Lower Upper
117 100
82 52.0 42.6 63.8
119 32.3 25.9 38.9

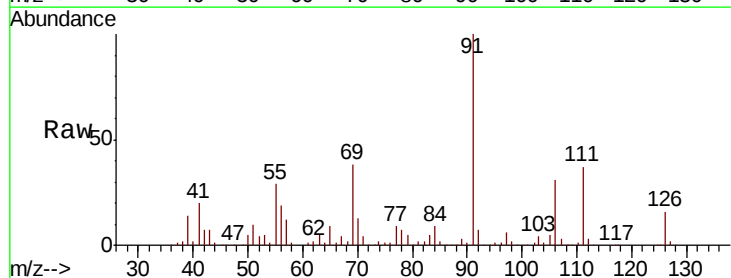


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

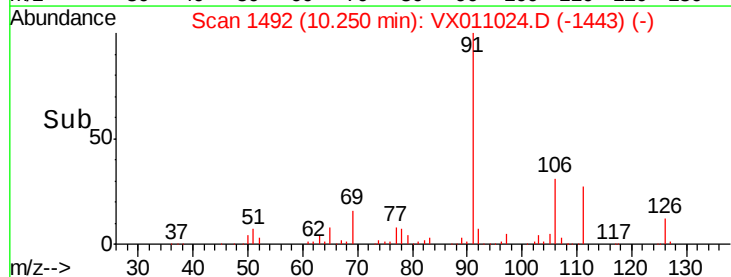
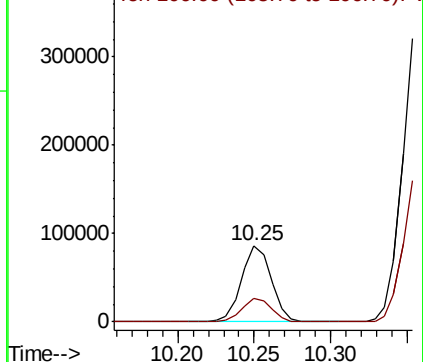


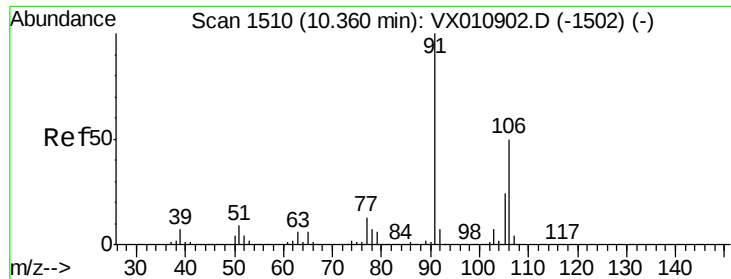
#67
Ethyl Benzene
Concen: 10.370 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011024.D
Acq: 22 Jul 2019 12:42

Tgt Ion: 91 Resp: 117406
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

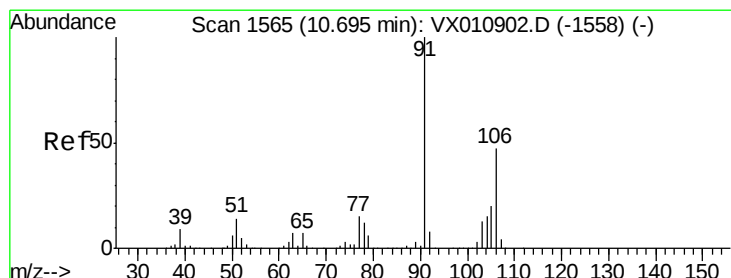
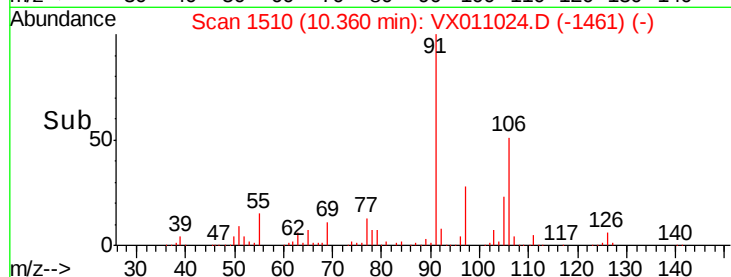
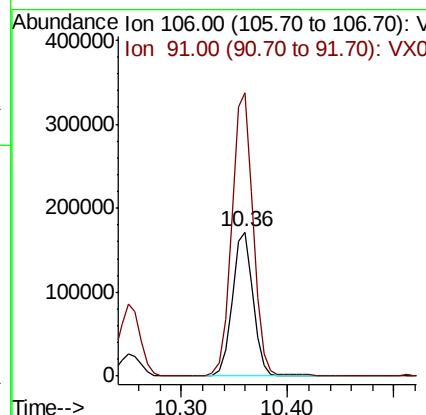
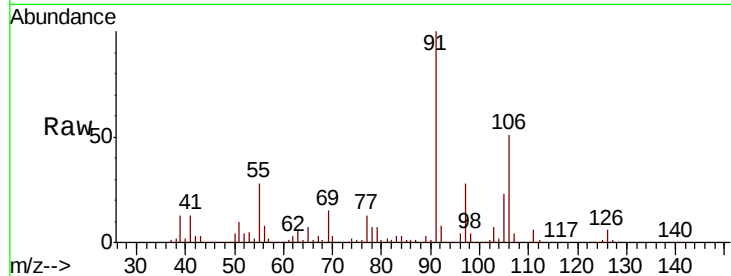




#68
m/p-Xylenes
Concen: 53.546 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX011024.D
Acq: 22 Jul 2019 12:42

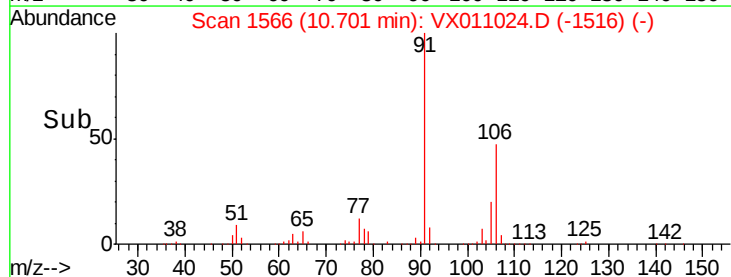
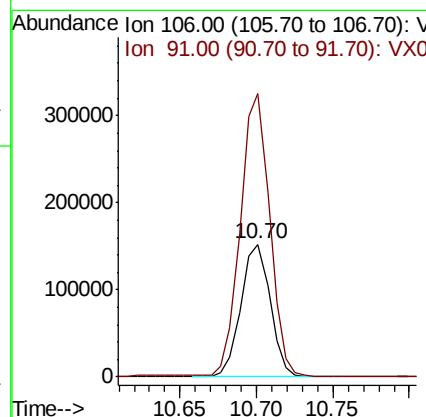
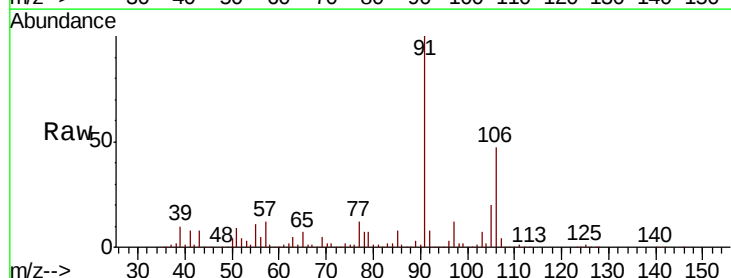
Instrument :
MSVOA_X
ClientSampleId :
HR-06-071719-CME

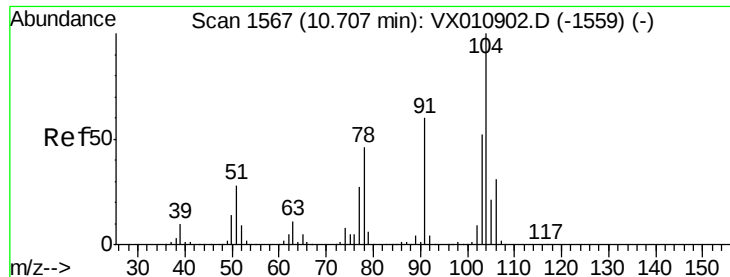
Tot Ion:106 Resp: 232539
Ion Ratio Lower Upper
106 100
91 201.1 160.1 240.1



#69
o-Xylene
Concen: 47.805 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX011024.D
Acq: 22 Jul 2019 12:42

Tgt Ion:106 Resp: 202618
Ion Ratio Lower Upper
106 100
91 213.6 105.1 315.3





#70

Stvrene

Concen: 1.474 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VX011024.D

Acq: 22 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

HR-06-071719-CME

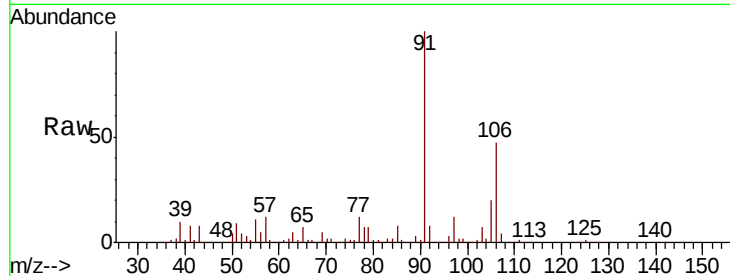
Tot Ion:104 Resp: 10413

Ion Ratio Lower Upper

104 100

78 284.3 38.8 58.2#

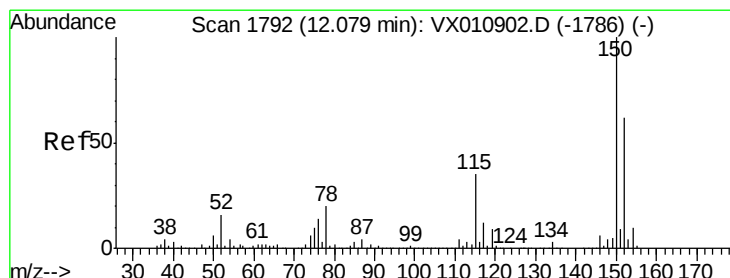
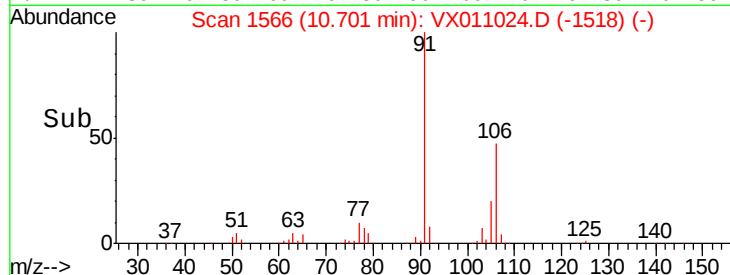
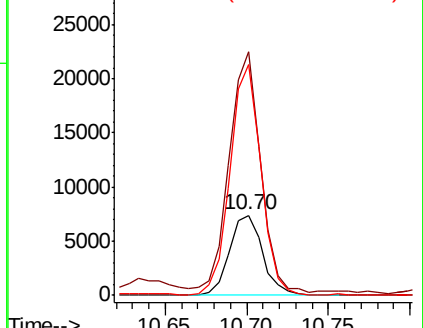
103 269.9 44.2 66.4#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011024.D

Acq: 22 Jul 2019 12:42

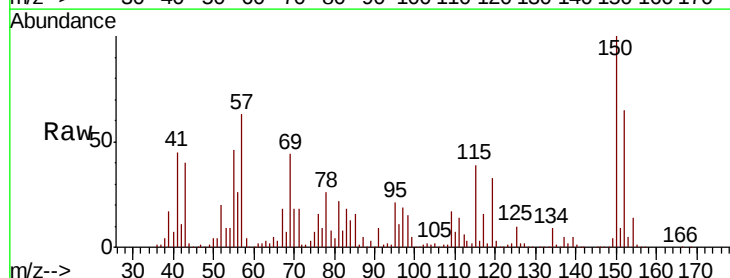
Tgt Ion:152 Resp: 184053

Ion Ratio Lower Upper

152 100

115 69.4 39.7 119.1

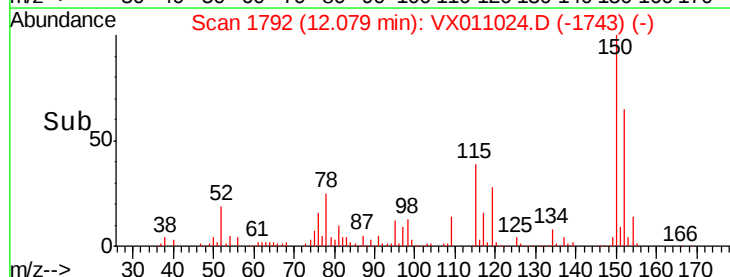
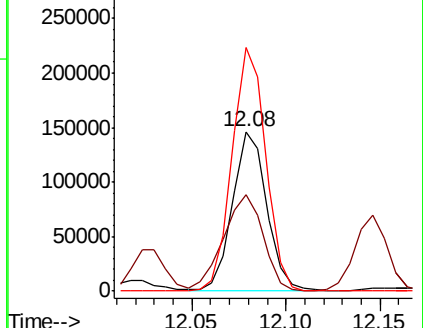
150 150.1 0.0 345.6

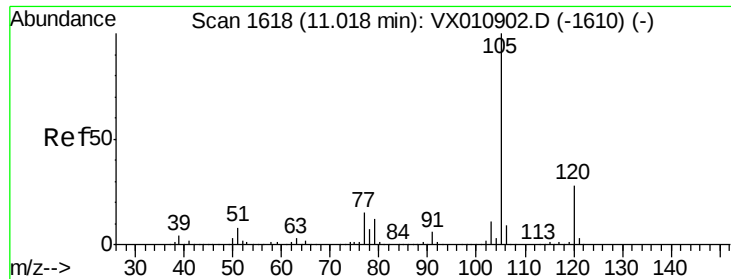


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

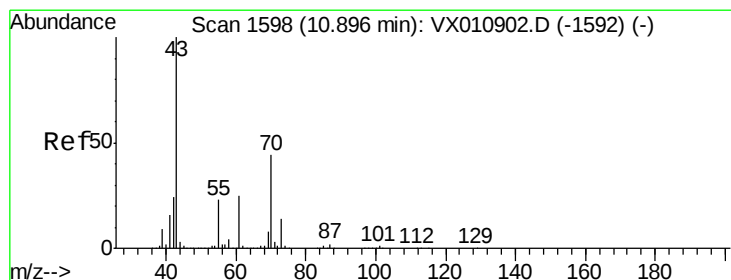
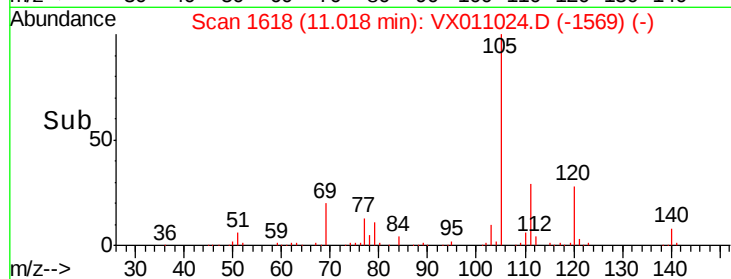
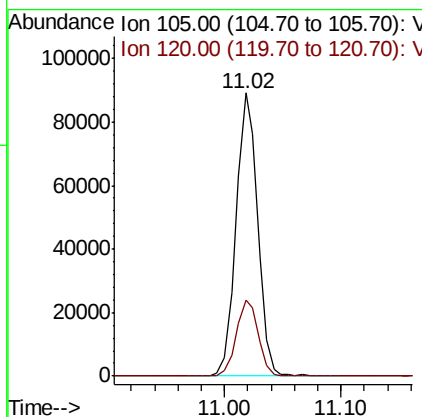
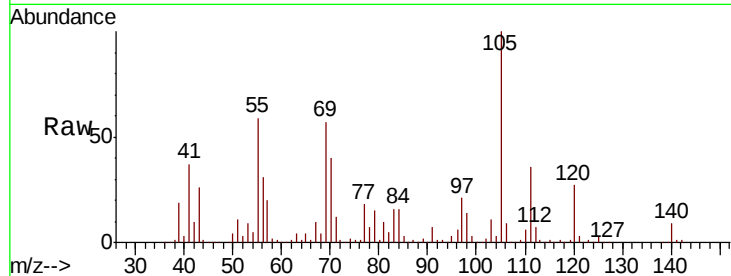




#73
Isopropylbenzene
Concen: 9.237 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX011024.D
Acq: 22 Jul 2019 12:42

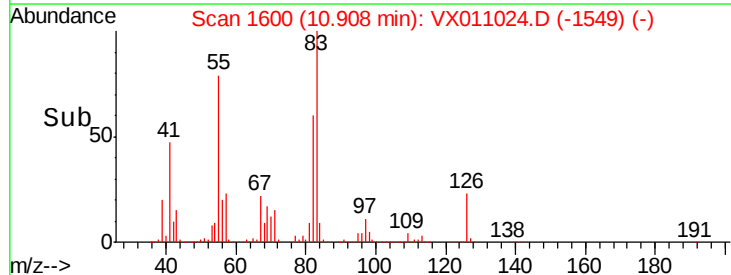
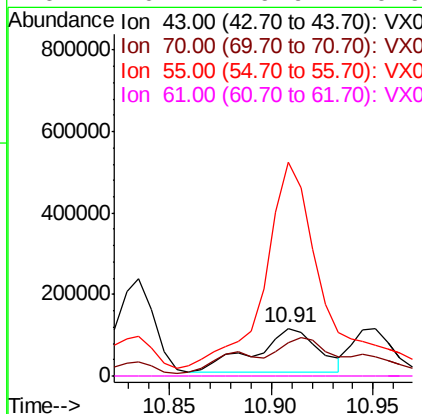
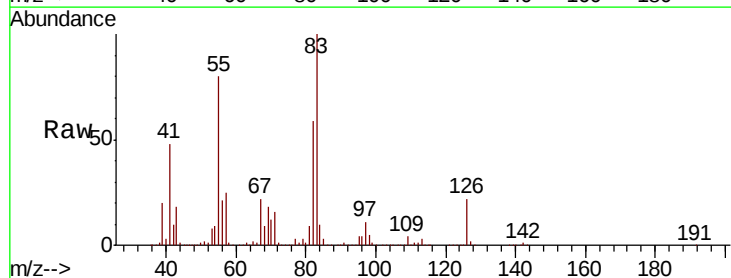
Instrument :
MSVOA_X
ClientSampleId :
HR-06-071719-CME

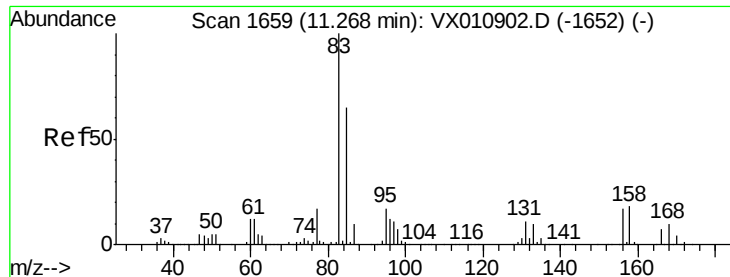
Tot Ion:105 Resp: 114875
Ion Ratio Lower Upper
105 100
120 27.3 13.7 41.1



#74
N-ethyl acetate
Concen: 50.177 ug/l
RT: 10.91 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX011024.D
Acq: 22 Jul 2019 12:42

Tgt Ion: 43 Resp: 238436
Ion Ratio Lower Upper
43 100
70 70.0 34.7 52.1#
55 411.1 19.1 28.7#
61 0.2 19.9 29.9#





#75

1,1,2,2-Tetrachloroethane

Concen: 41.221 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX011024.D

Acq: 22 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

HR-06-071719-CME

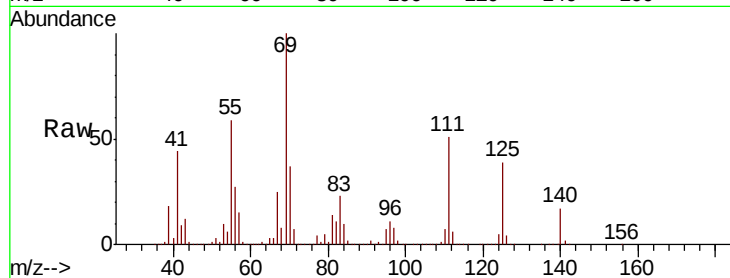
Tot Ion: 83 Resp: 167764

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

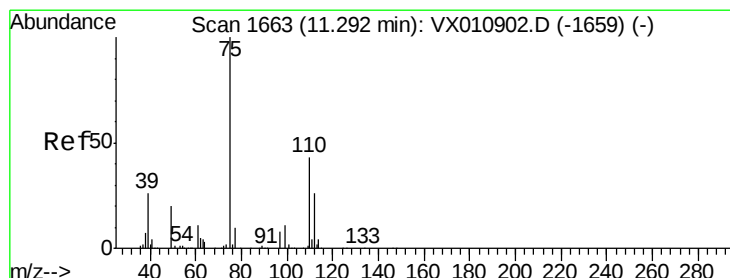
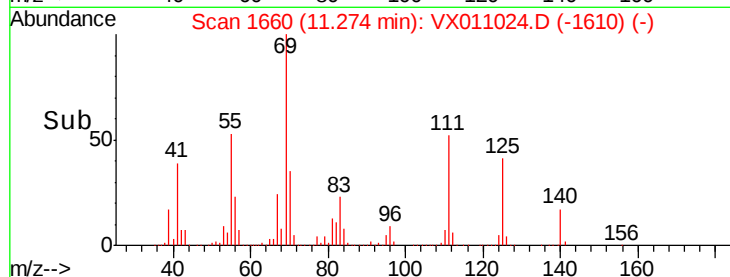
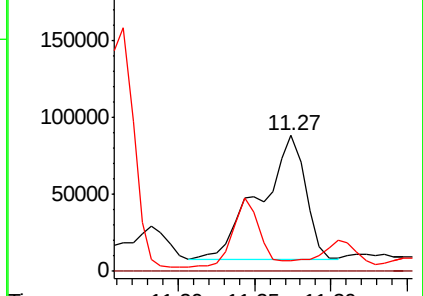
85 0.0 32.3 96.9#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.307 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.07 min

Lab File: VX011024.D

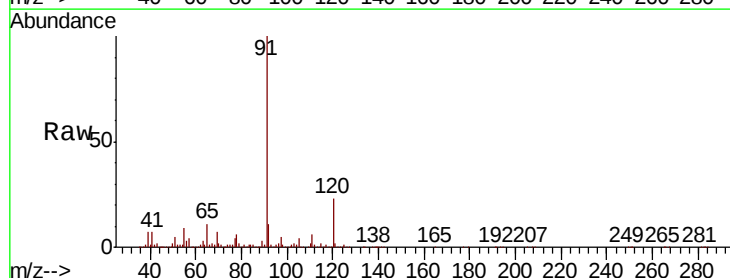
Acq: 22 Jul 2019 12:42

Tgt Ion: 75 Resp: 4340

Ion Ratio Lower Upper

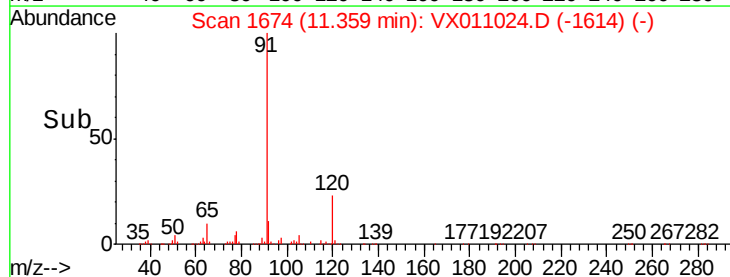
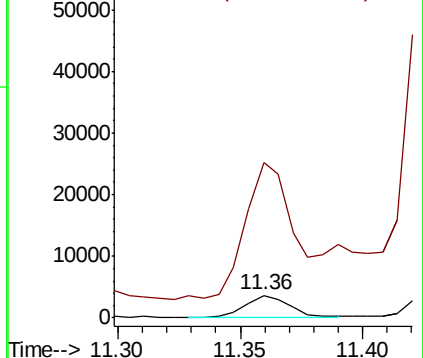
75 100

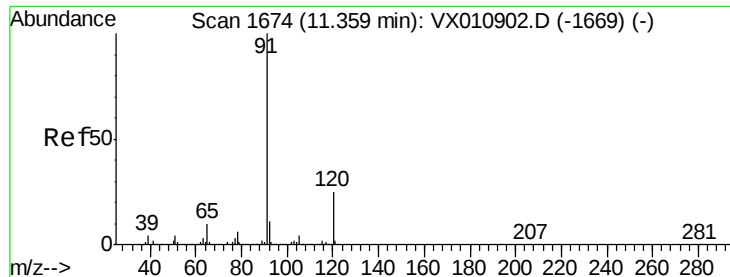
77 754.0 21.3 64.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 53.739 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011024.D

Acq: 22 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

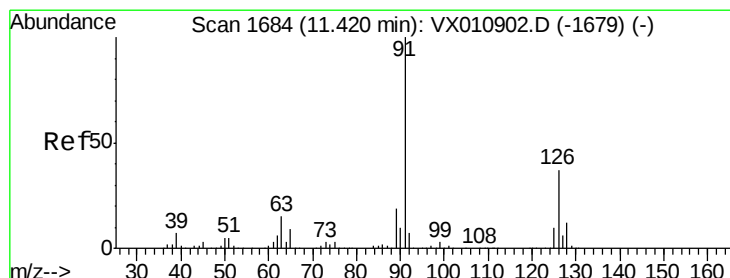
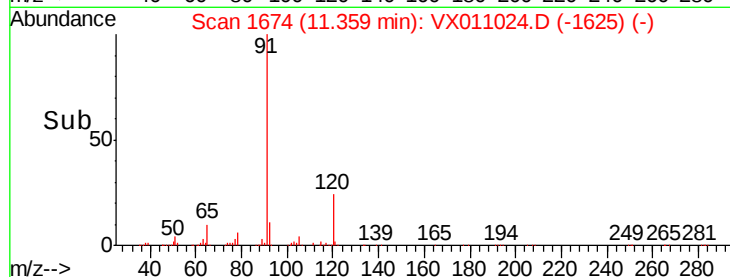
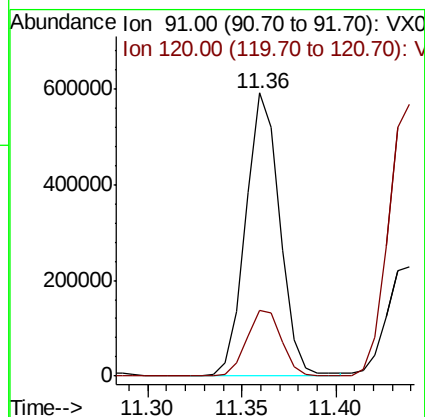
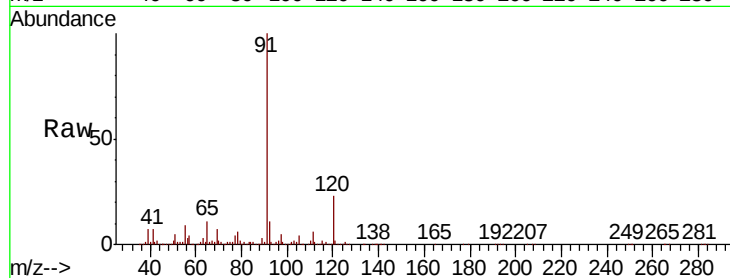
HR-06-071719-CME

Tot Ion: 91 Resp: 738446

Ion Ratio Lower Upper

91 100

120 23.8 12.3 36.8



#79

2-Chlorotoluene

Concen: 49.408 ug/l

RT: 11.44 min Scan# 1687

Delta R.T. 0.02 min

Lab File: VX011024.D

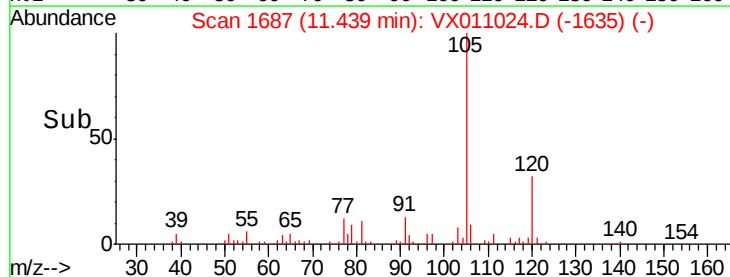
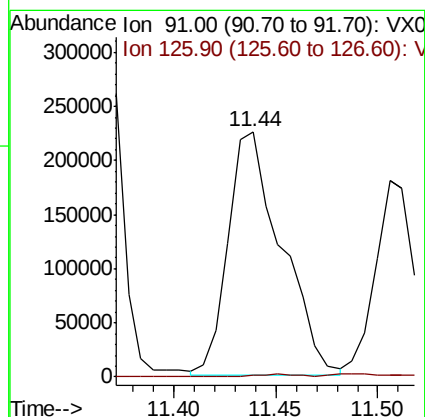
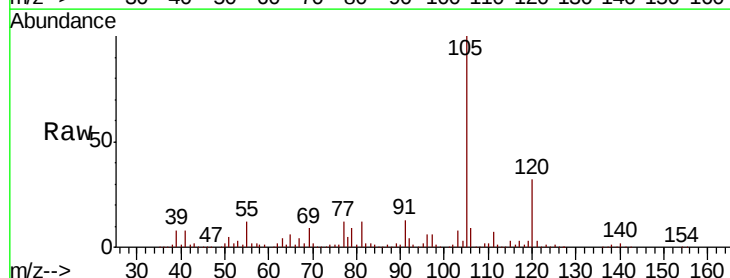
Acq: 22 Jul 2019 12:42

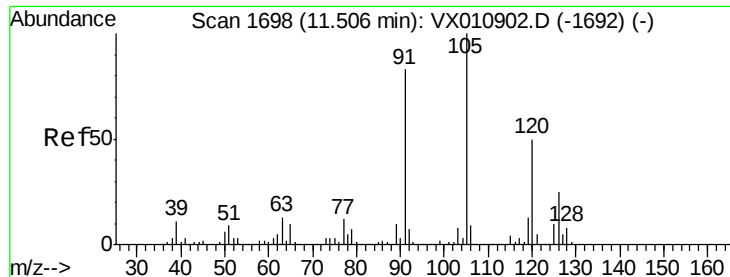
Tgt Ion: 91 Resp: 407846

Ion Ratio Lower Upper

91 100

126 0.8 18.0 54.0#





#80

1,3,5-Trimethylbenzene

Concen: 196.606 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011024.D

Acq: 22 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

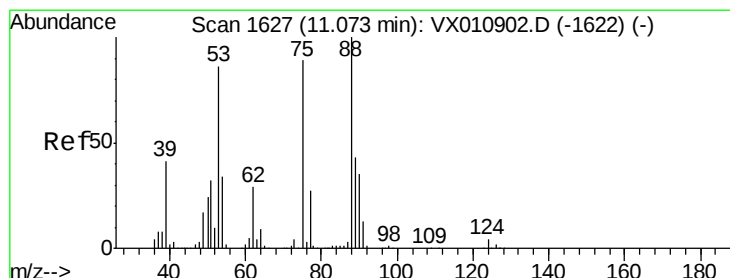
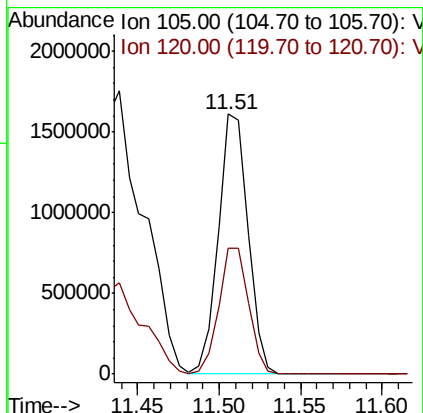
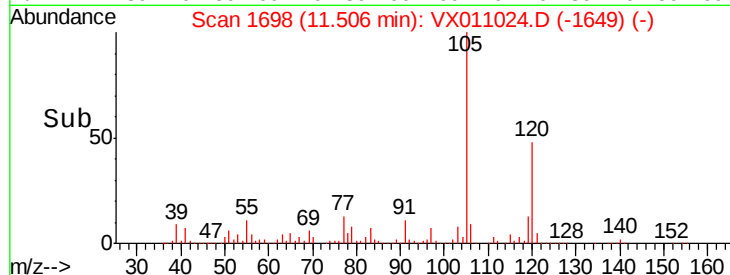
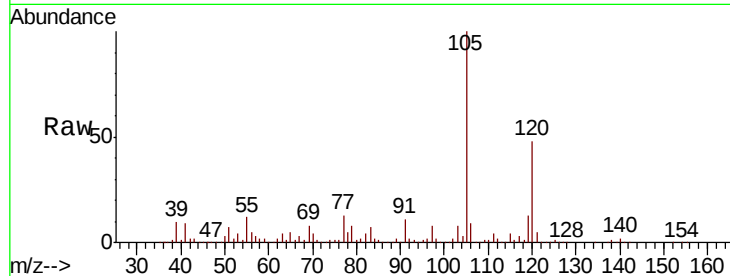
HR-06-071719-CME

Tot Ion:105 Resp: 2043109

Ion Ratio Lower Upper

105 100

120 48.7 24.6 73.8



#81

trans-1,4-Dichloro-2-butene

Concen: 59.922 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX011024.D

Acq: 22 Jul 2019 12:42

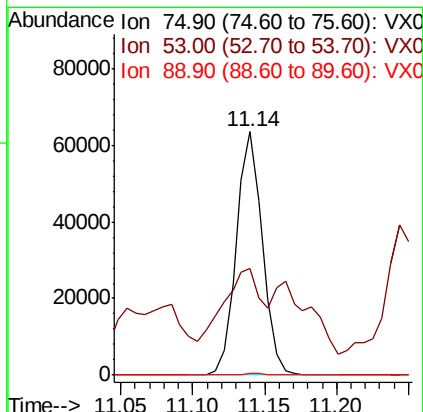
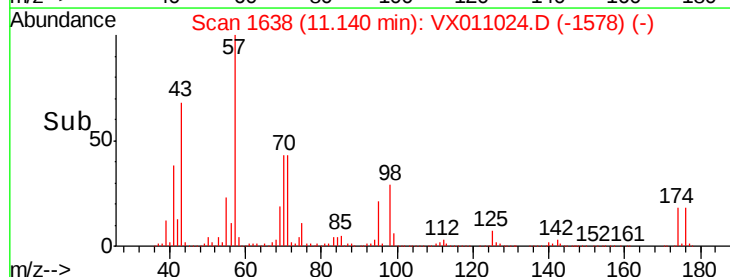
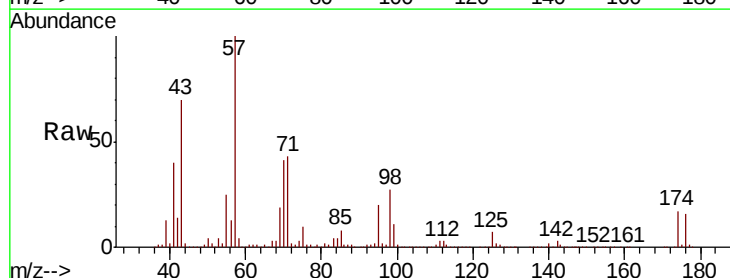
Tgt Ion: 75 Resp: 79679

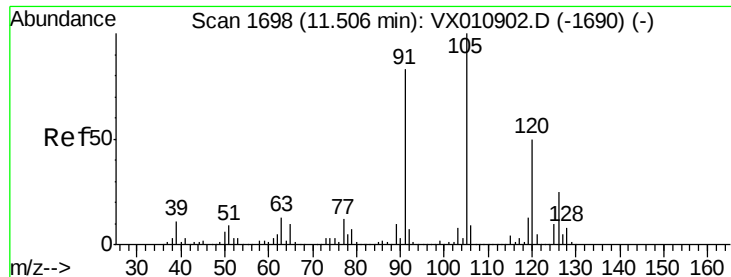
Ion Ratio Lower Upper

75 100

53 41.9 76.7 115.1#

89 0.0 38.5 57.7#

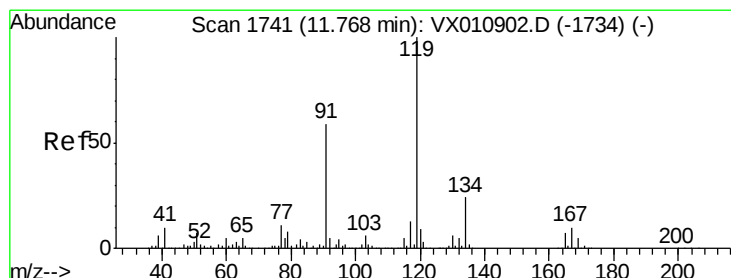
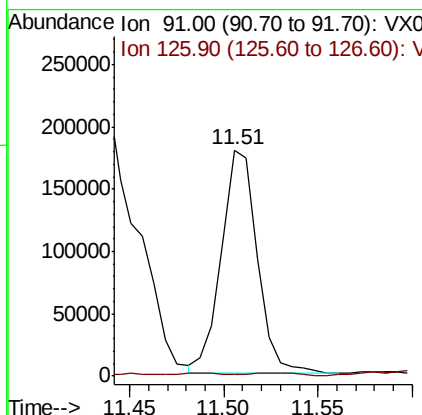
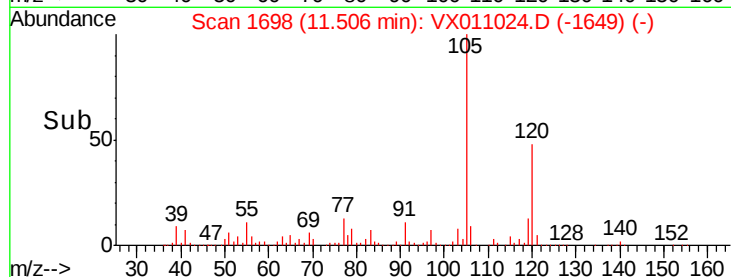
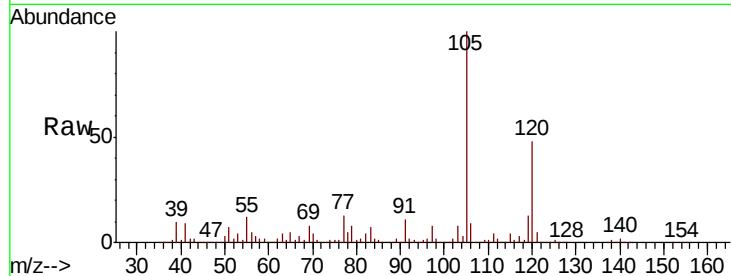




#82
4-Chlorotoluene
Concen: 24.827 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011024.D
Acq: 22 Jul 2019 12:42

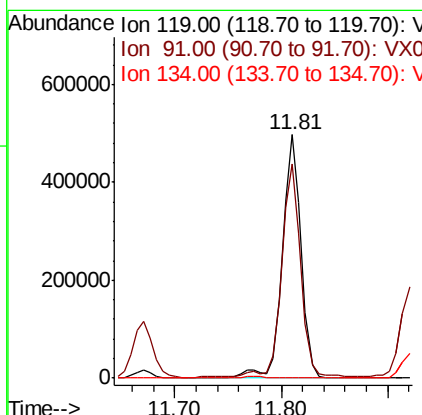
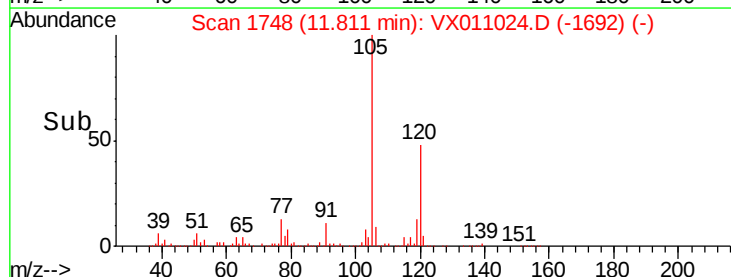
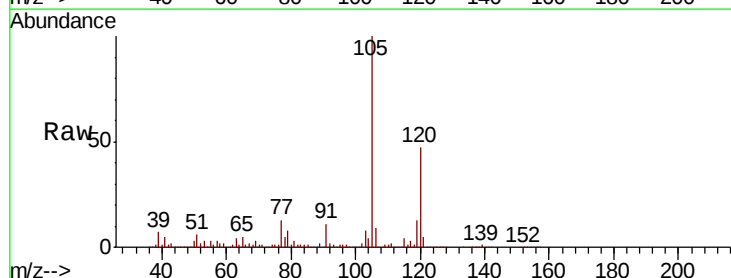
Instrument :
MSVOA_X
ClientSampleId :
HR-06-071719-CME

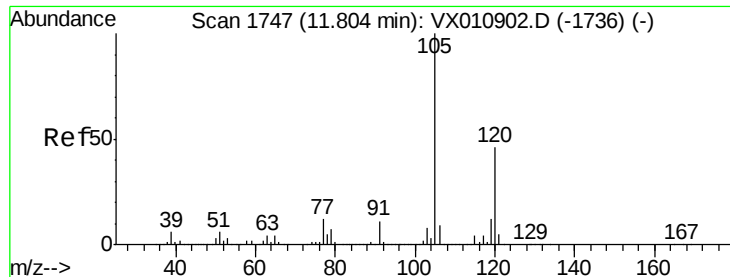
Tot Ion: 91 Resp: 238524
Ion Ratio Lower Upper
91 100
126 1.0 15.9 47.7#



#83
tert-Butylbenzene
Concen: 58.988 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.04 min
Lab File: VX011024.D
Acq: 22 Jul 2019 12:42

Tgt Ion: 119 Resp: 602120
Ion Ratio Lower Upper
119 100
91 90.6 28.6 85.8#
134 0.0 11.6 34.8#





#84

1,2,4-Trimethylbenzene

Concen: 446.212 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX011024.D

Acq: 22 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

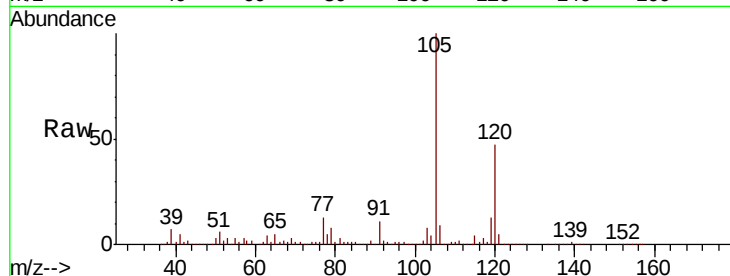
HR-06-071719-CME

Tot Ion:105 Resp: 4673618

Ion Ratio Lower Upper

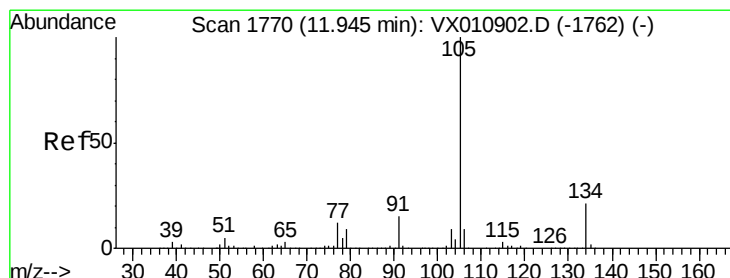
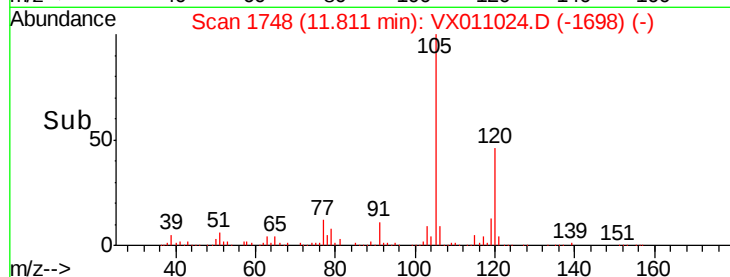
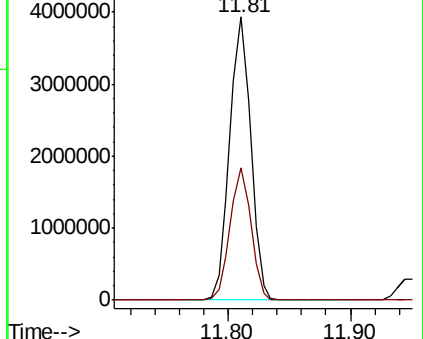
105 100

120 46.5 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 31.666 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011024.D

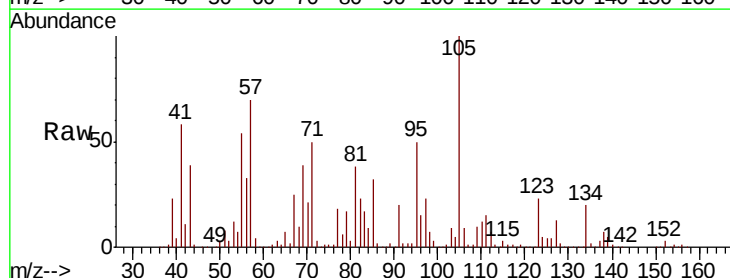
Acq: 22 Jul 2019 12:42

Tgt Ion:105 Resp: 378744

Ion Ratio Lower Upper

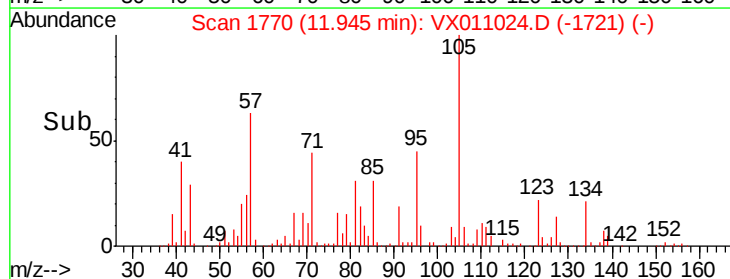
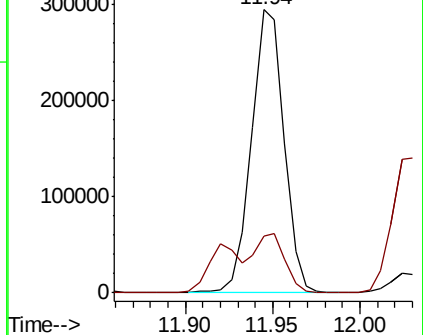
105 100

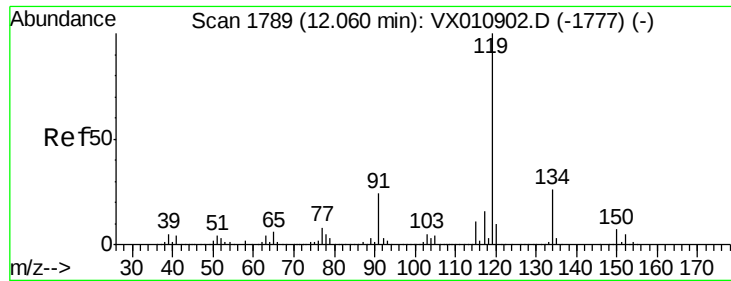
134 20.1 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

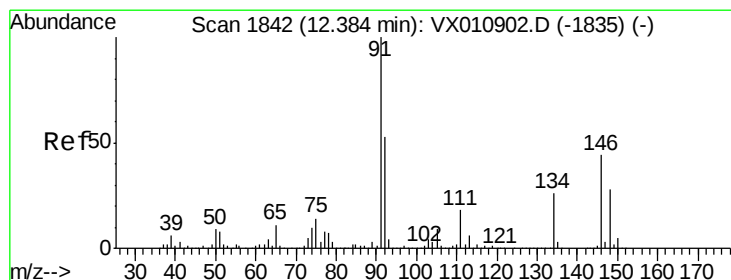
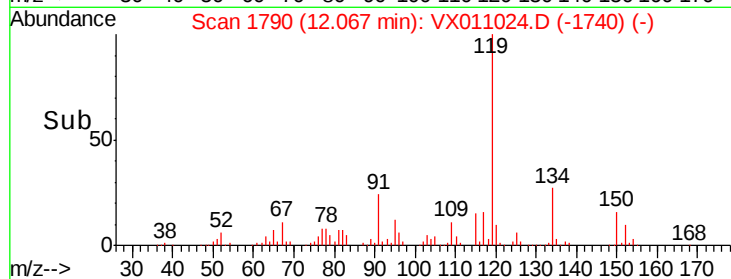
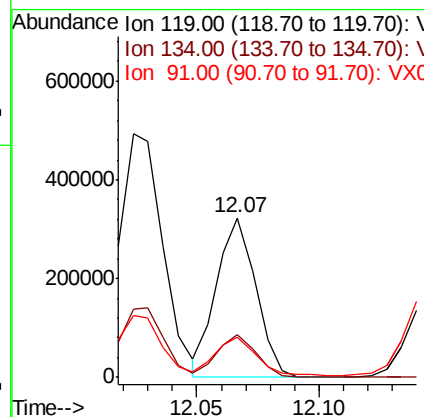
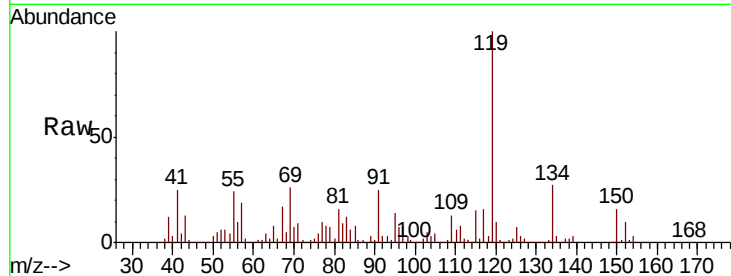




#86
p-Isopropyltoluene
Concen: 32.642 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.01 min
Lab File: VX011024.D
Acq: 22 Jul 2019 12:42

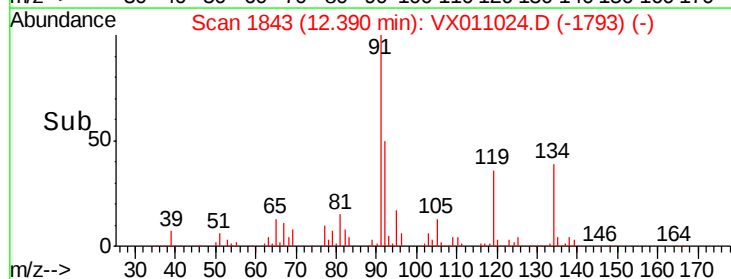
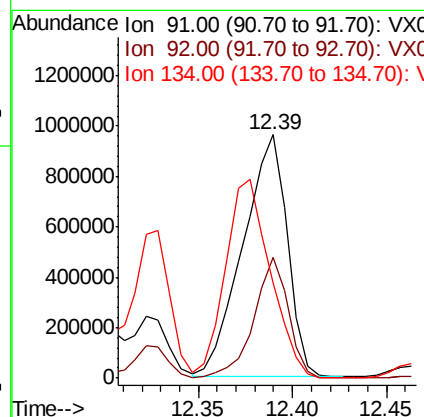
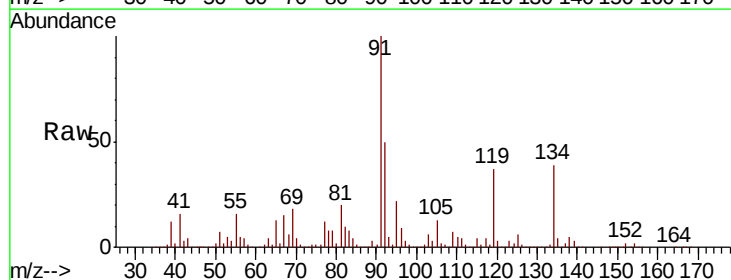
Instrument :
MSVOA_X
ClientSampleId :
HR-06-071719-CME

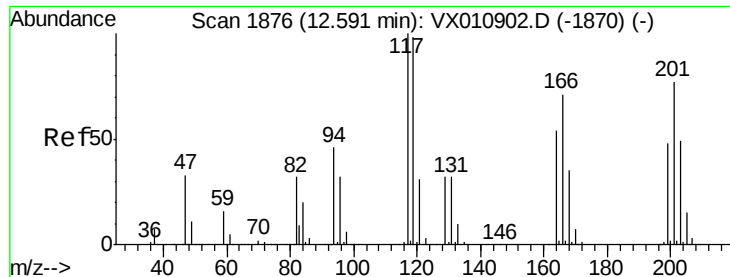
Tot Ion:119 Resp: 360934
Ion Ratio Lower Upper
119 100
134 26.6 13.4 40.1
91 23.8 11.8 35.4



#89
n-Butylbenzene
Concen: 165.460 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX011024.D
Acq: 22 Jul 2019 12:42

Tgt Ion: 91 Resp: 1565233
Ion Ratio Lower Upper
91 100
92 38.5 26.2 78.5
134 83.0 13.8 41.3#





#90

Hexachloroethane

Concen: 62.840 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. 0.00 min

Lab File: VX011024.D

Acq: 22 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

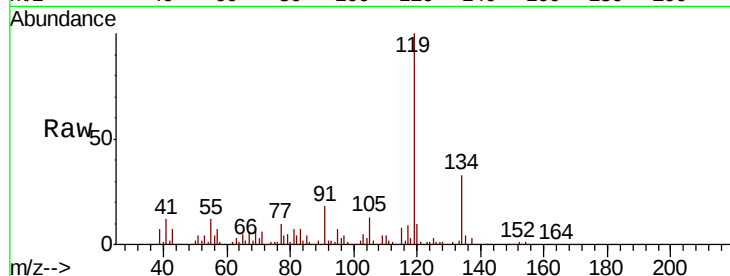
HR-06-071719-CME

Tot Ion:117 Resp: 109595

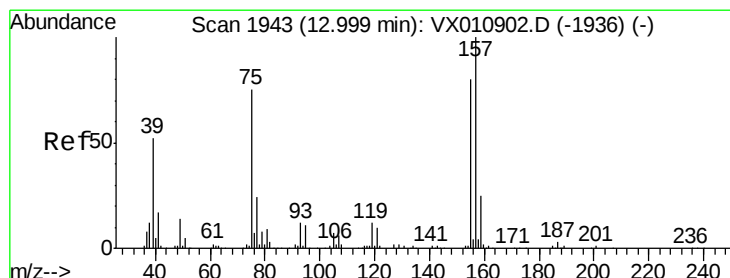
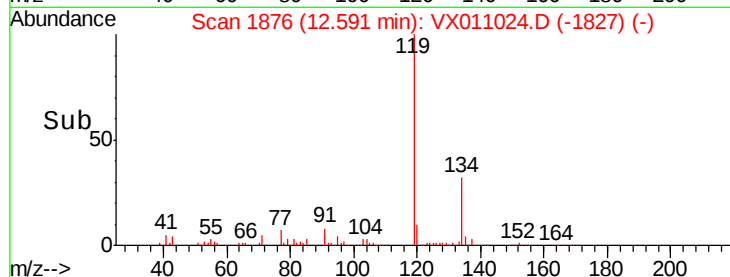
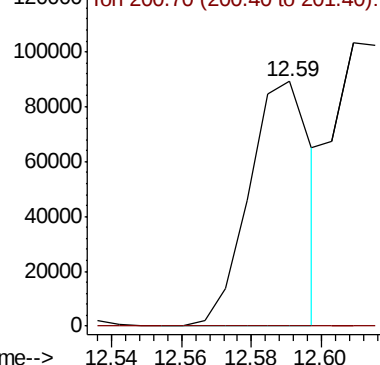
Ion Ratio Lower Upper

117 100

201 0.0 43.3 129.8#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 13.716 ug/l

RT: 12.98 min Scan# 1940

Delta R.T. -0.02 min

Lab File: VX011024.D

Acq: 22 Jul 2019 12:42

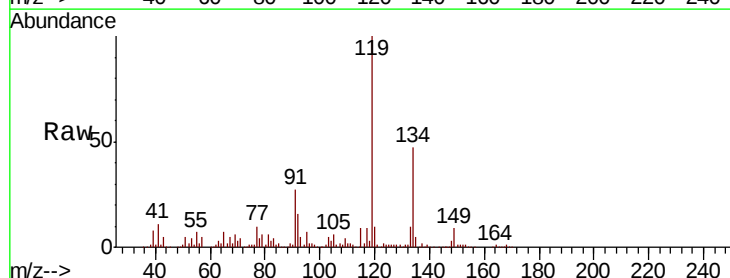
Tgt Ion: 75 Resp: 11669

Ion Ratio Lower Upper

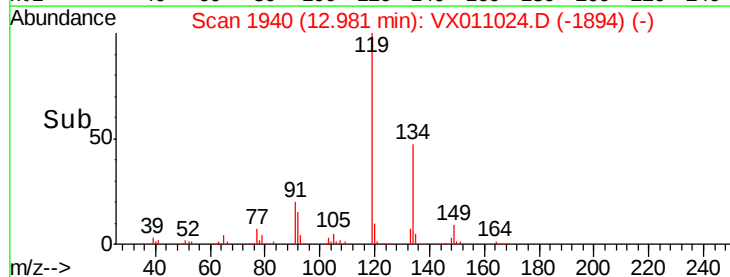
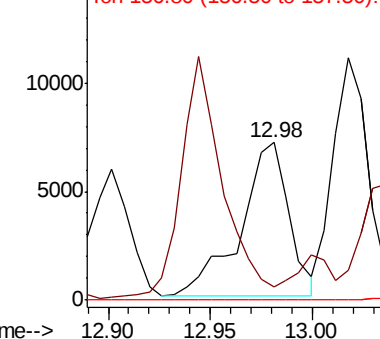
75 100

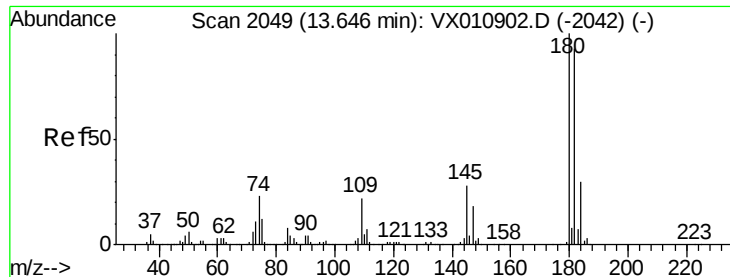
155 15.8 48.7 146.1#

157 0.0 62.5 187.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

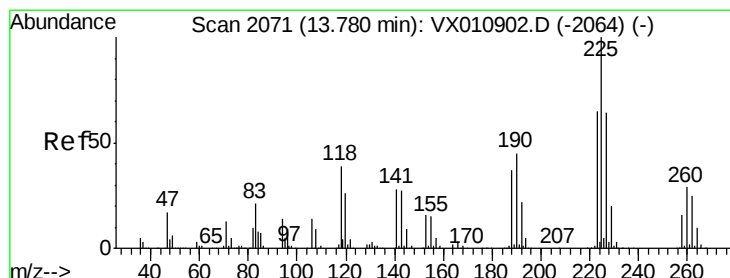
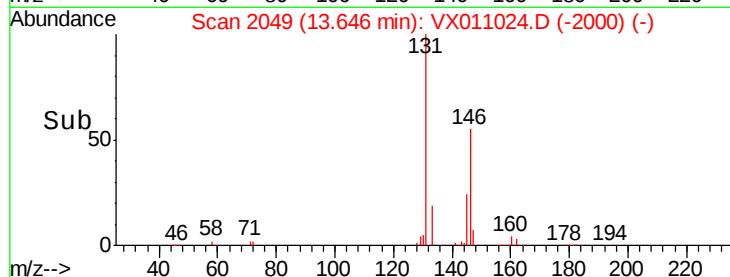
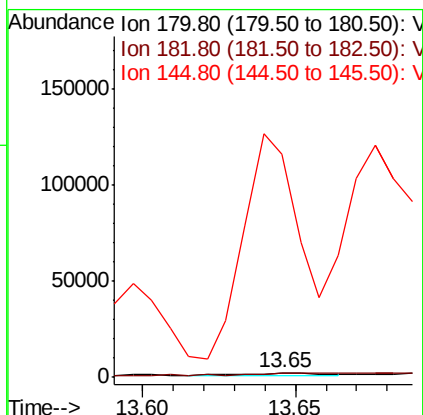
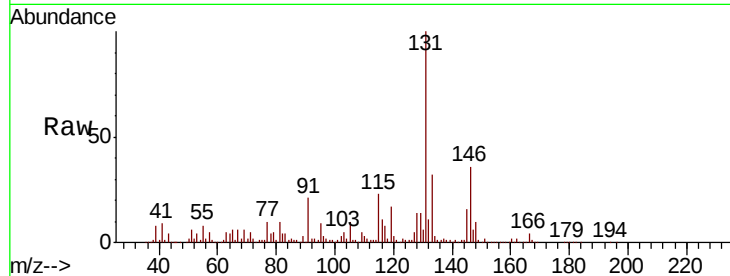




#93
 1,2,4-Trichlorobenzene
 Concen: 0.440 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011024.D
 Acq: 22 Jul 2019 12:42

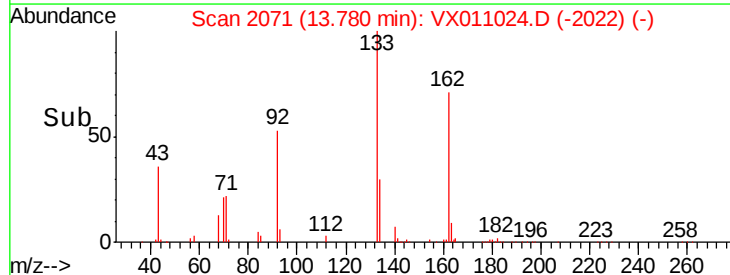
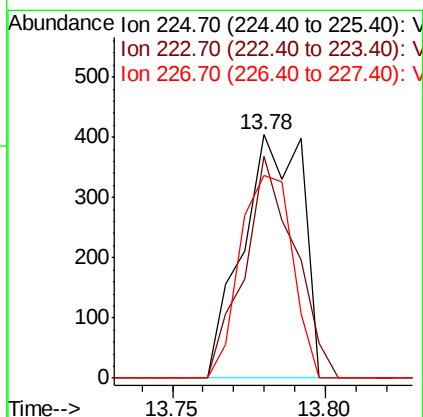
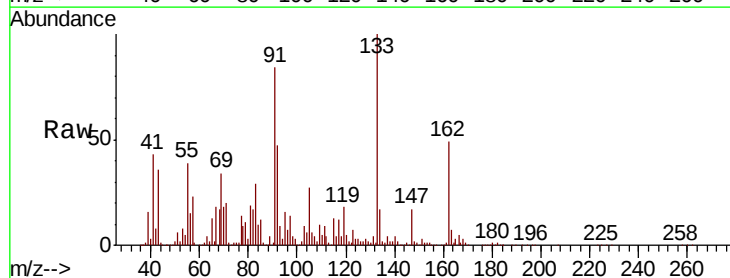
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-071719-CME

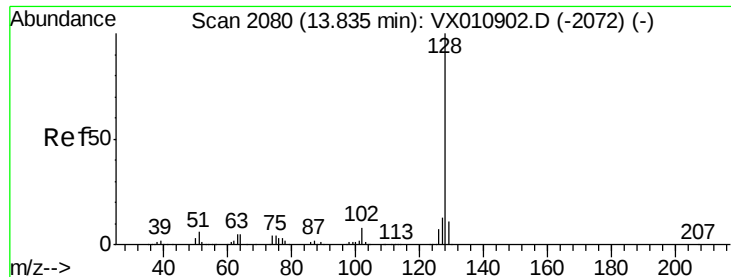
Tot Ion:180 Resp: 1760
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.1 141.3#
 145 8922.3 14.8 44.4#



#94
 Hexachlorobutadiene
 Concen: 0.277 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011024.D
 Acq: 22 Jul 2019 12:42

Tgt Ion:225 Resp: 549
 Ion Ratio Lower Upper
 225 100
 223 77.0 31.9 95.9
 227 72.9 32.5 97.4

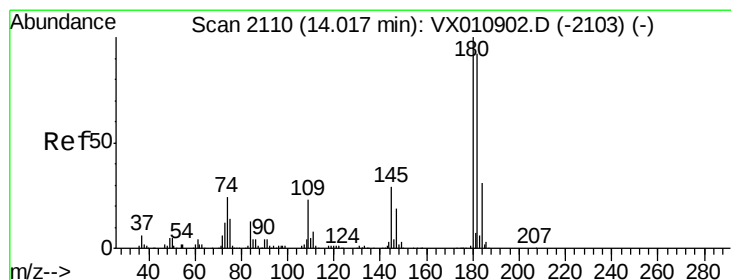
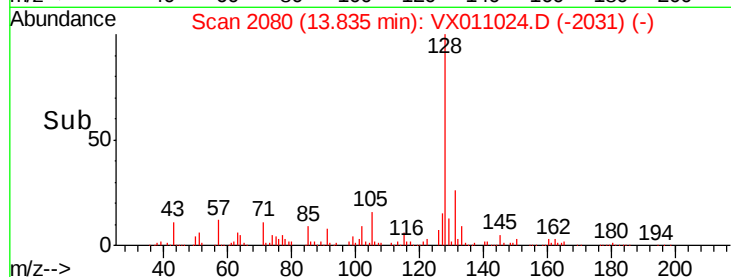
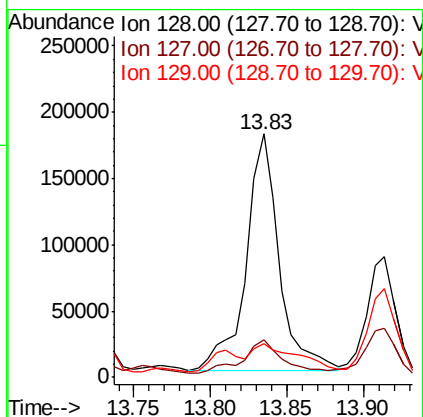
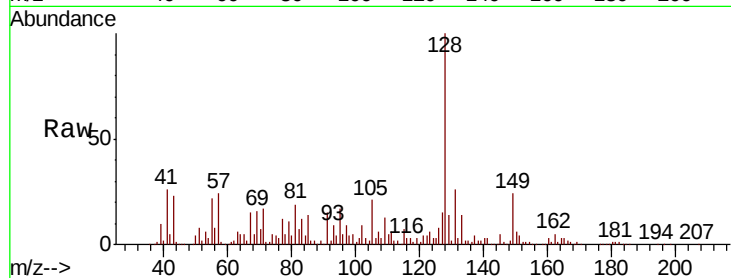




#95
Naphthalene
Concen: 22.666 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011024.D
Acq: 22 Jul 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
HR-06-071719-CME

Tot Ion:128 Resp: 267621
Ion Ratio Lower Upper
128 100
127 17.0 10.4 15.6#
129 16.8 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 2.061 ug/l
RT: 14.03 min Scan# 2112
Delta R.T. 0.01 min
Lab File: VX011024.D
Acq: 22 Jul 2019 12:42

Tgt Ion:180 Resp: 8200
Ion Ratio Lower Upper
180 100
182 32.6 47.4 142.3#
145 2652.3 15.1 45.3#

