

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063591.D
 Acq On : 23 Sep 2020 16:06
 Operator : JC/MD
 Sample : L4116-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS027-200922

Quant Time: Sep 24 02:35:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	210292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	390983	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	396245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	178435	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	179319	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	
35) Dibromofluoromethane	7.55	113	132201	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	
50) Toluene-d8	10.06	98	501550	49.28	ug/l	0.00
Spiked Amount			Recovery	=	98.56%	
62) 4-Bromofluorobenzene	12.38	95	208287	55.83	ug/l	0.00
Spiked Amount			Recovery	=	111.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.17	62	3297	1.181	ug/l	97
11) Tert butyl alcohol	4.74	59	226	0.456	ug/l #	72
16) Acetone	3.78	43	15216	13.226	ug/l	97
25) 2-Butanone	6.79	43	2688	1.519	ug/l #	16
27) cis-1,2-Dichloroethene	6.78	96	278693	93.648	ug/l	88
31) Cyclohexane	7.62	56	8840	1.788	ug/l #	44
36) 1,1-Dichloropropene	7.63	75	19687	4.726	ug/l #	49
38) Carbon Tetrachloride	7.63	117	24297	5.714	ug/l #	16
39) Methylcyclohexane	9.05	83	5441	1.204	ug/l	94
44) Trichloroethene	8.80	130	21612	7.494	ug/l	91
47) Bromodichloromethane	9.37	83	1376	0.311	ug/l #	70
52) Toluene	10.13	92	111050	15.534	ug/l	100
53) t-1,3-Dichloropropene	10.13	75	1457	0.295	ug/l #	1
55) 1,1,2-Trichloroethane	10.50	97	1755	0.618	ug/l #	15
60) Dibromochloromethane	10.87	129	1798	0.560	ug/l	79
64) Tetrachloroethene	10.60	164	3172	1.176	ug/l	93
65) Chlorobenzene	11.41	112	9140	1.087	ug/l	96
67) Ethyl Benzene	11.49	91	96131	6.069	ug/l	99
68) m/p-Xylenes	11.59	106	160135	28.039	ug/l	98
69) o-Xylene	11.92	106	90291	16.596	ug/l	95
70) Styrene	11.92	104	5333	0.585	ug/l #	1
71) Bromoform	12.10	173	557	0.242	ug/l #	64
73) Isopropylbenzene	12.23	105	186140	13.018	ug/l	99
76) 1,2,3-Trichloropropane	12.38	75	115475	26.146	ug/l #	100
78) n-propylbenzene	12.57	91	91009	5.465	ug/l	99
79) 2-Chlorotoluene	12.63	91	39692	3.976	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.71	105	141153	11.838	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	115475	71.683	ug/l #	7
82) 4-Chlorotoluene	12.71	91	16483	1.563	ug/l #	44
83) tert-Butylbenzene	13.02	119	63447	6.447	ug/l #	63
84) 1,2,4-Trimethylbenzene	13.02	105	549056	45.589	ug/l	99
85) sec-Butylbenzene	13.02	105	549056	41.682	ug/l #	59
86) p-Isopropyltoluene	13.21	119	14080	1.212	ug/l	97
89) n-Butylbenzene	13.56	91	5823	0.544	ug/l #	1

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QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

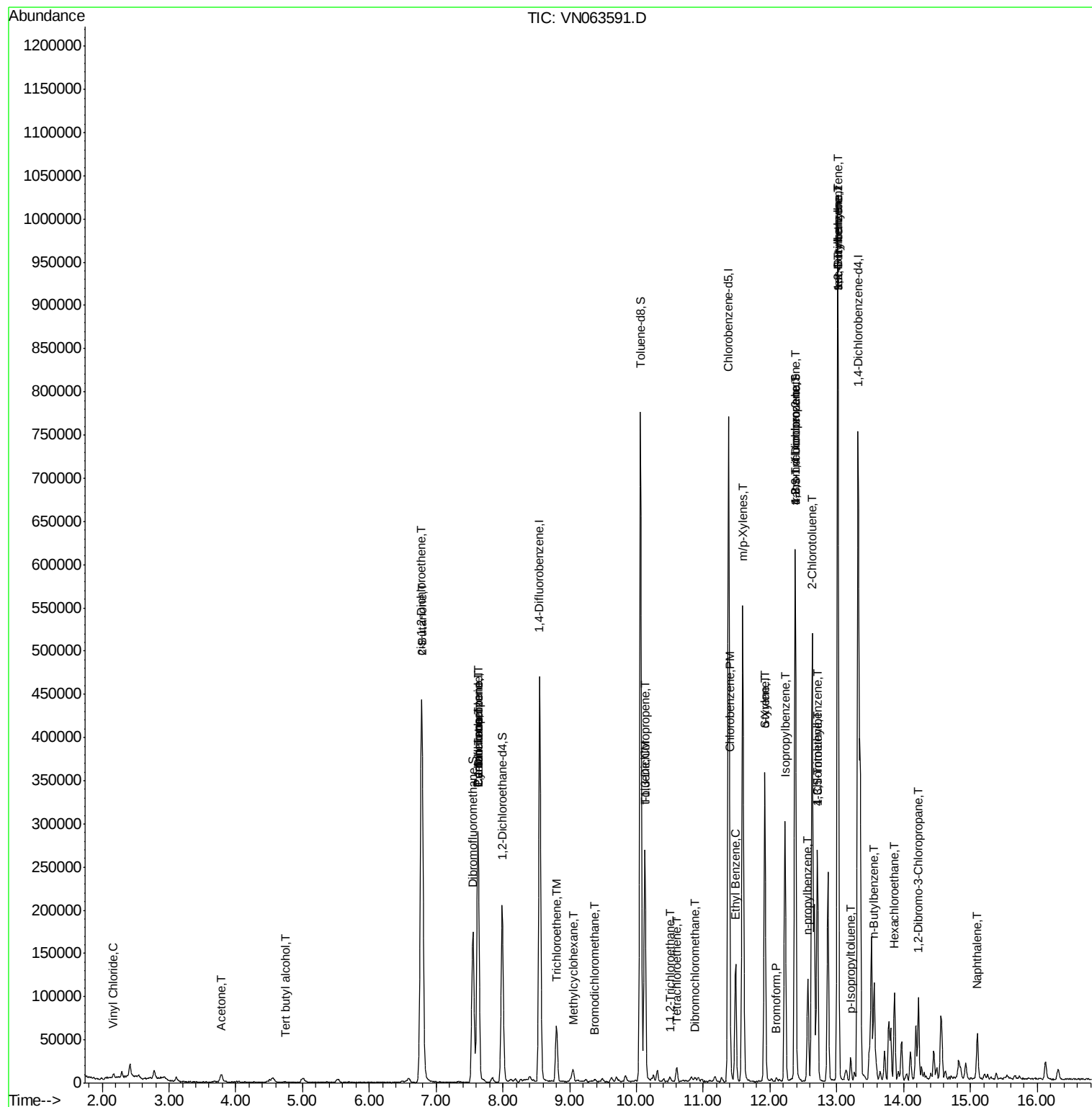
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.87	117	5610	2.536	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.22	75	552	0.524	ug/l #	10
95) Naphthalene	15.11	128	43102	3.781	ug/l	98

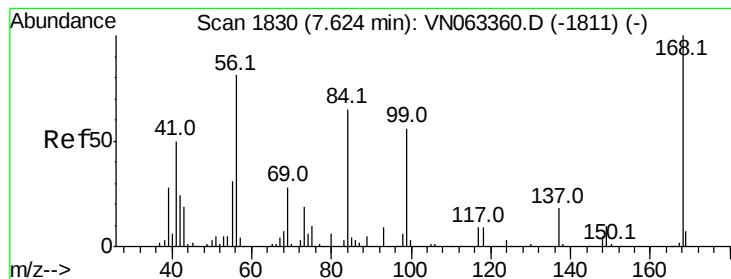
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092320\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063591.D

Acq: 23 Sep 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

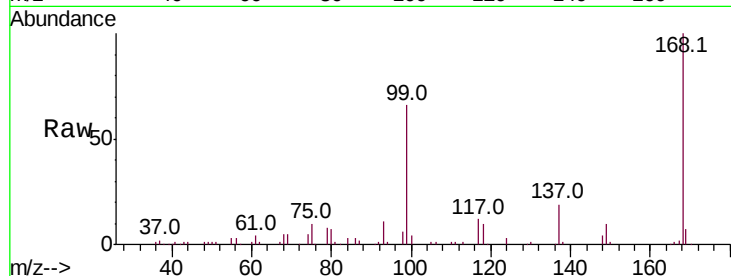
KY038PS027-200922

Tot Ion:168 Resp: 210292

Ion Ratio Lower Upper

168 100

99 66.3 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

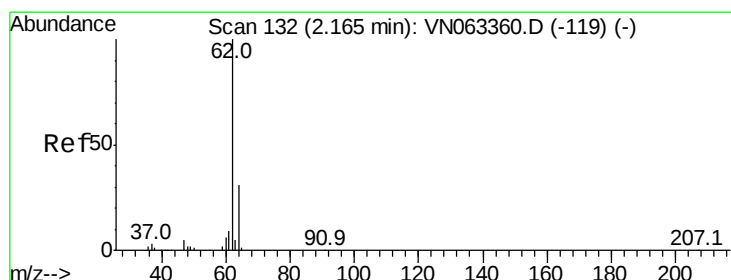
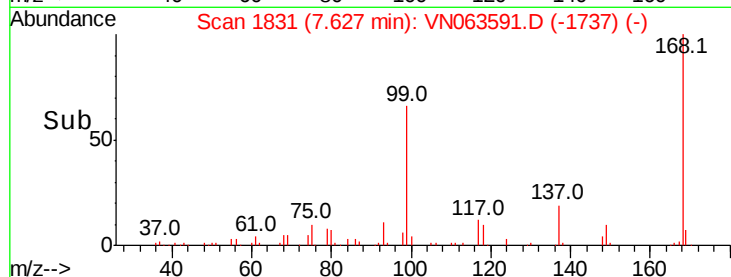
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#4

Vinyl Chloride

Concen: 1.181 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063591.D

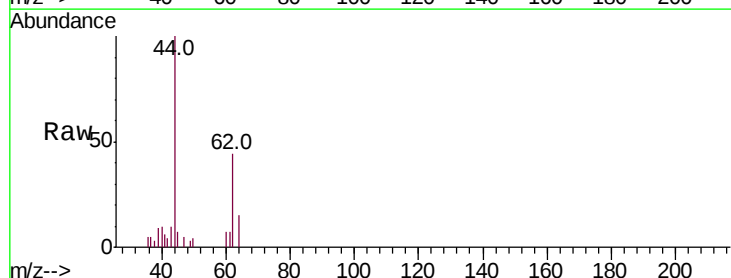
Acq: 23 Sep 2020 16:06

Tgt Ion: 62 Resp: 3297

Ion Ratio Lower Upper

62 100

64 32.9 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.17

2000

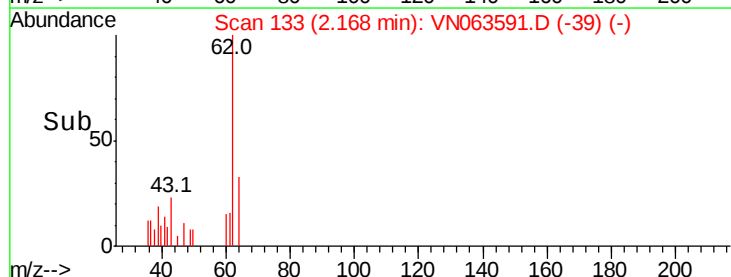
1500

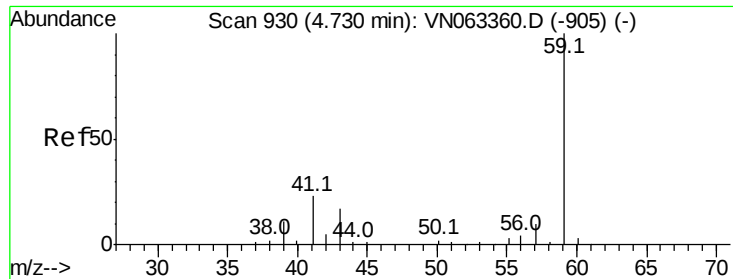
1000

500

0

Time--> 2.15 2.20

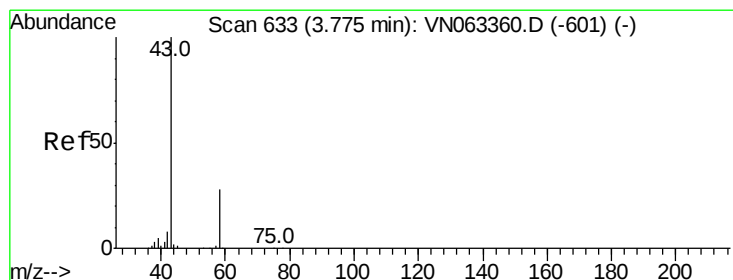
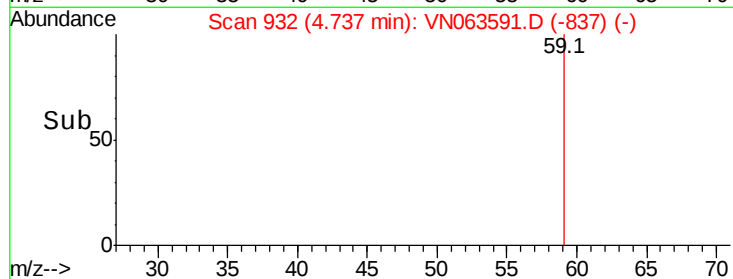
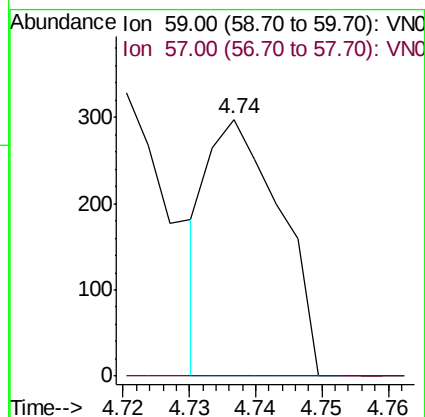
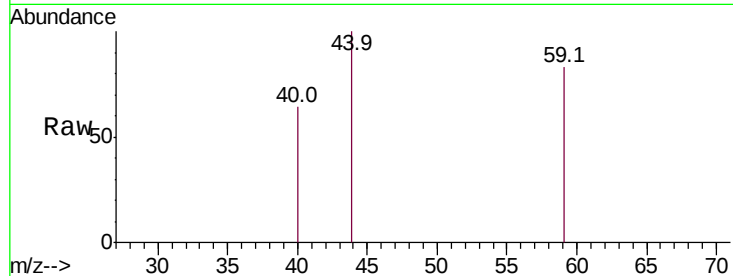




#11
Tert butyl alcohol
Concen: 0.456 ug/l
RT: 4.74 min Scan# 932
Delta R.T. 0.01 min
Lab File: VN063591.D
Acq: 23 Sep 2020 16:06

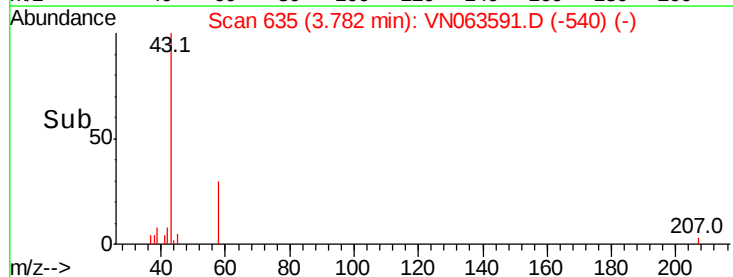
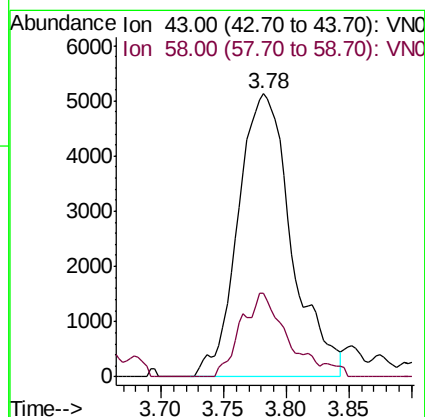
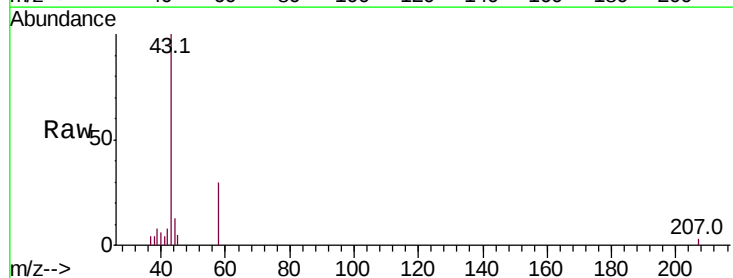
Instrument :
MSVOA_N
ClientSampleId :
KY038PS027-200922

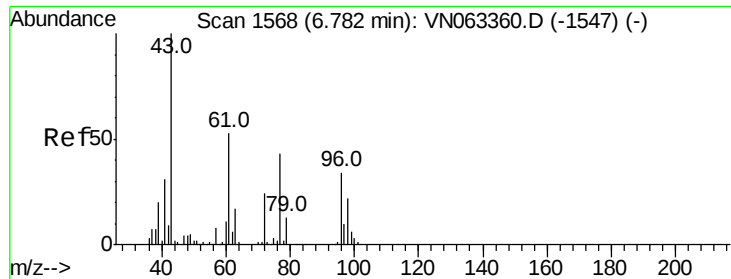
Tot Ion: 59 Resp: 226
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



#16
Acetone
Concen: 13.226 ug/l
RT: 3.78 min Scan# 635
Delta R.T. 0.01 min
Lab File: VN063591.D
Acq: 23 Sep 2020 16:06

Tgt Ion: 43 Resp: 15216
Ion Ratio Lower Upper
43 100
58 29.7 22.3 33.5





#25

2-Butanone

Concen: 1.519 ug/l

RT: 6.79 min Scan# 1572

Delta R.T. 0.01 min

Lab File: VN063591.D

Acq: 23 Sep 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

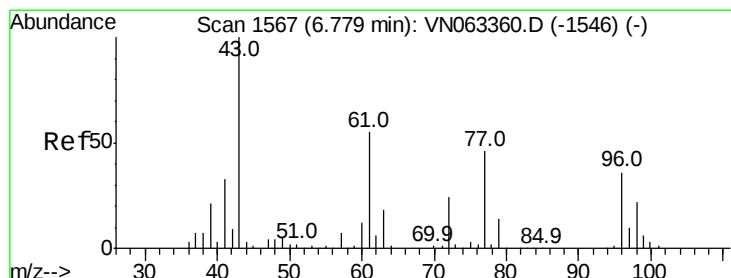
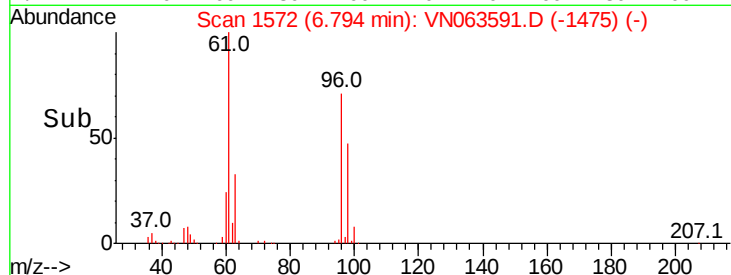
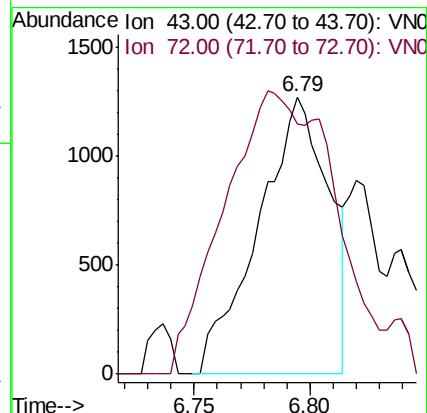
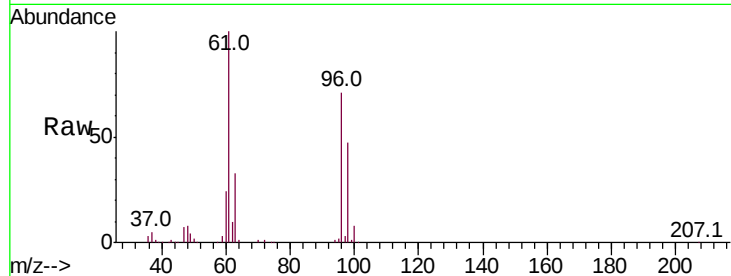
KY038PS027-200922

Tot Ion: 43 Resp: 2688

Ion Ratio Lower Upper

43 100

72 65.6 19.2 28.8#



#27

cis-1,2-Dichloroethene

Concen: 93.648 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN063591.D

Acq: 23 Sep 2020 16:06

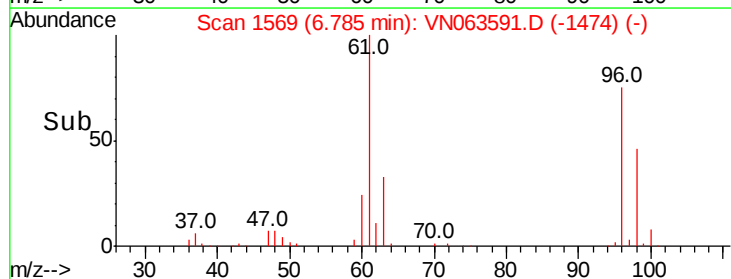
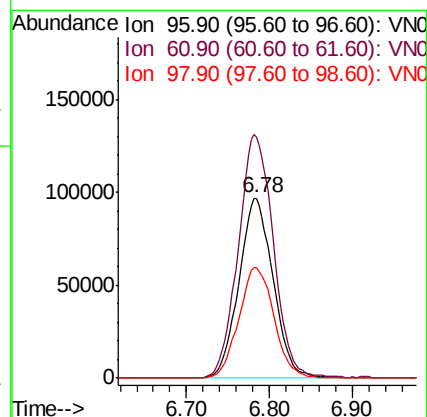
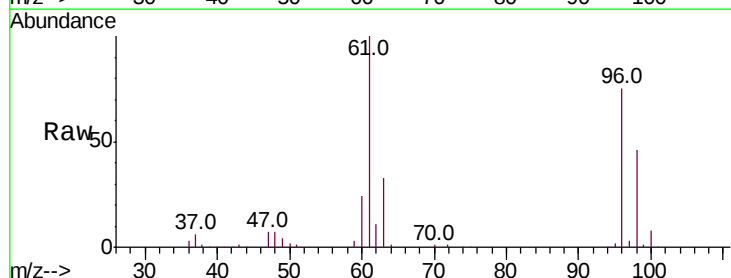
Tgt Ion: 96 Resp: 278693

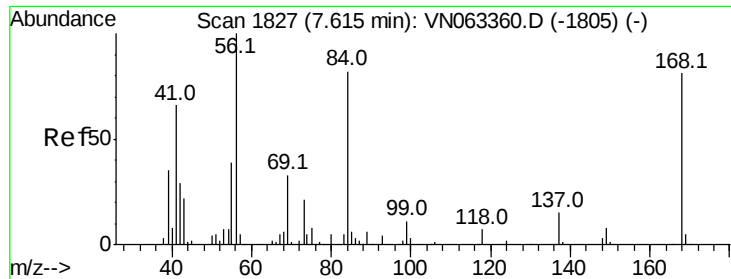
Ion Ratio Lower Upper

96 100

61 138.7 0.0 319.6

98 63.0 0.0 127.8

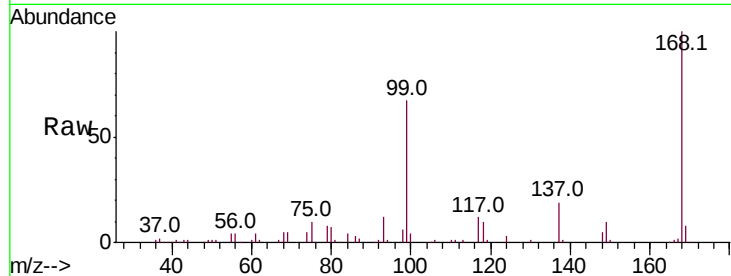




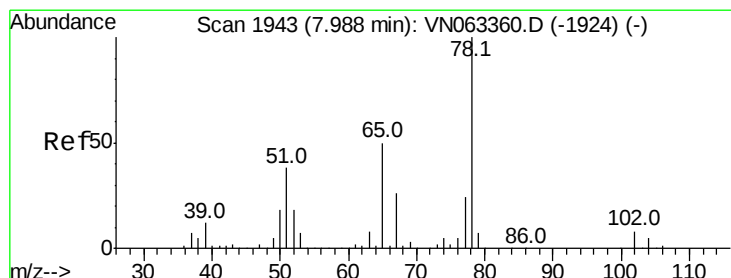
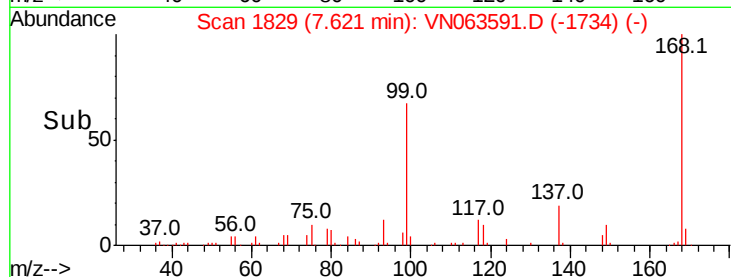
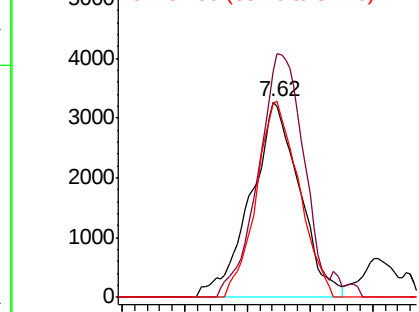
#31
Cyclohexane
Concen: 1.788 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN063591.D
Acq: 23 Sep 2020 16:06

Instrument :
MSVOA_N
ClientSampleId :
KY038PS027-200922

Tot Ion: 56 Resp: 8840
Ion Ratio Lower Upper
56 100
69 115.7 26.1 39.1#
84 99.1 65.4 98.2#

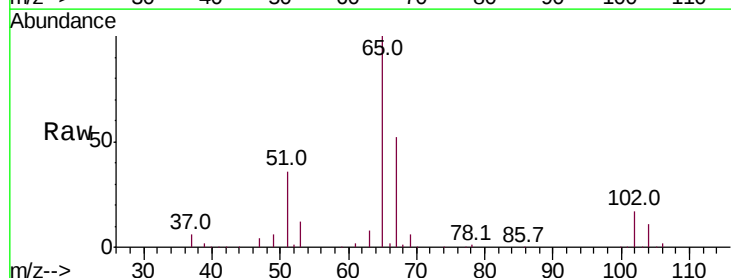


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

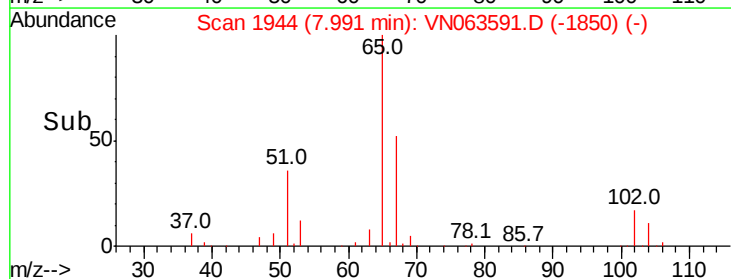
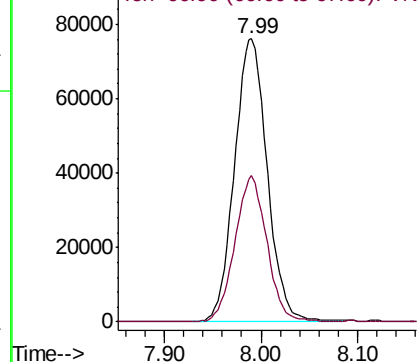


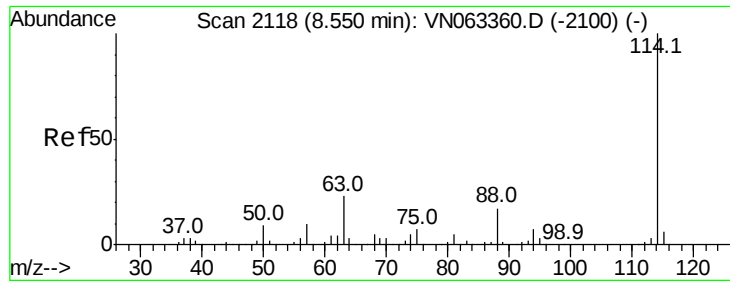
#33
1,2-Dichloroethane-d4
Concen: 50.093 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN063591.D
Acq: 23 Sep 2020 16:06

Tgt Ion: 65 Resp: 179319
Ion Ratio Lower Upper
65 100
67 50.3 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC

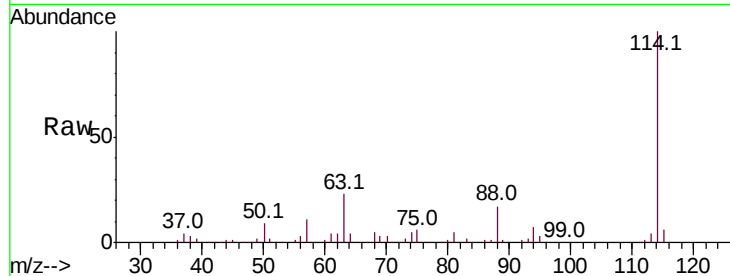




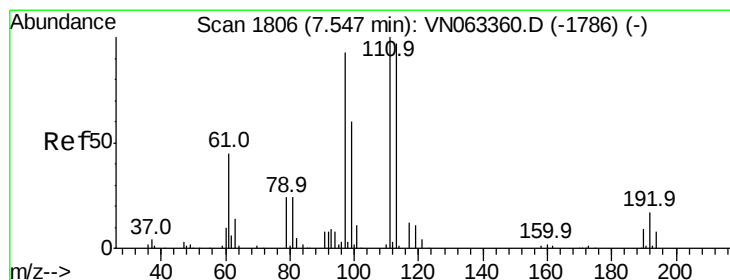
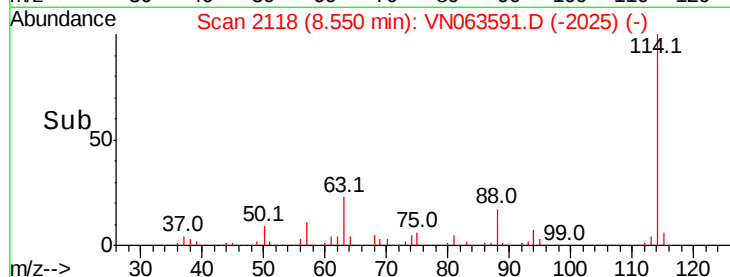
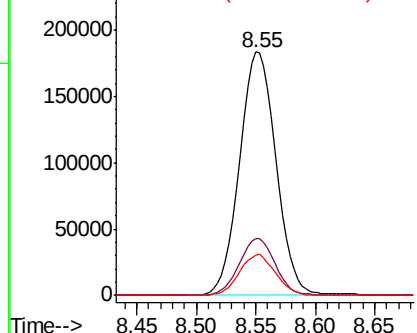
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063591.D
 Acq: 23 Sep 2020 16:06

Instrument :
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 KY038PS027-200922

Tot Ion:	114	Resp:	390983
Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	46.4
88	16.7	0.0	33.2

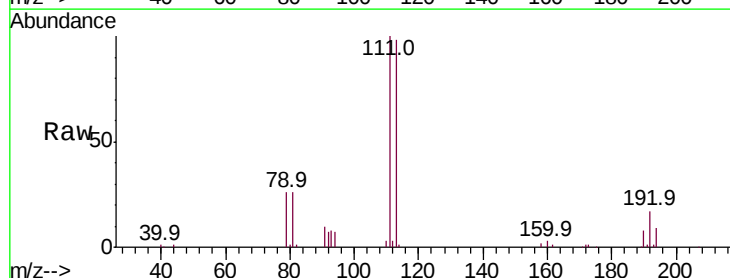


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

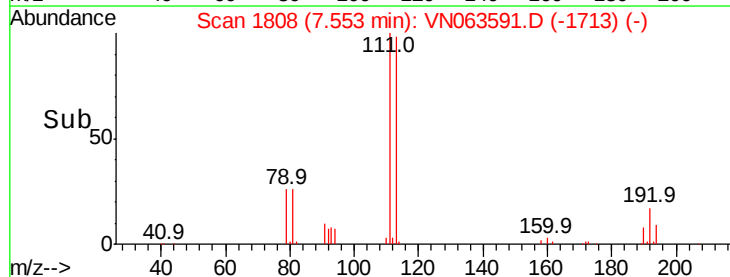
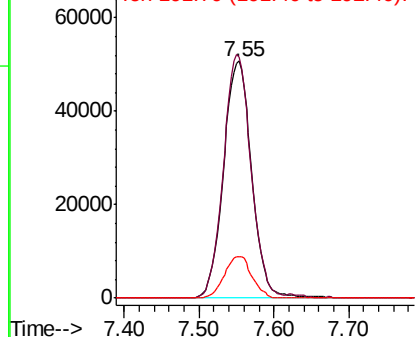


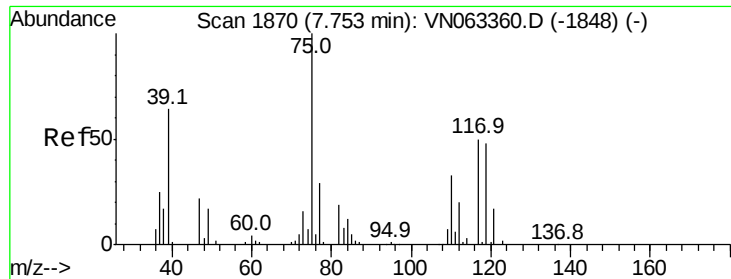
#35
 Dibromofluoromethane
 Concen: 48.842 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VN063591.D
 Acq: 23 Sep 2020 16:06

Tgt Ion:	113	Resp:	132201
Ion	Ratio	Lower	Upper
113	100		
111	100.5	82.9	124.3
192	17.2	13.9	20.9



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: 4.726 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.13 min

Lab File: VN063591.D

Acq: 23 Sep 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

KY038PS027-200922

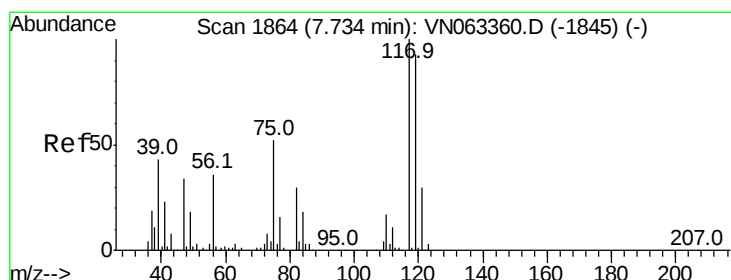
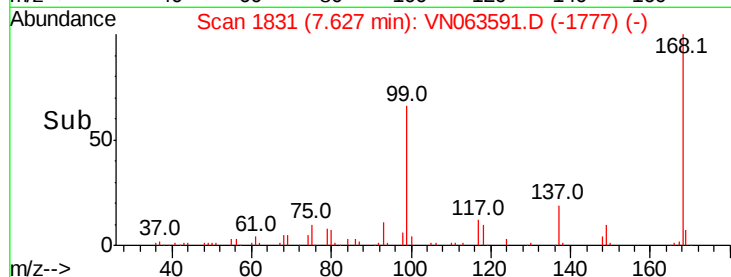
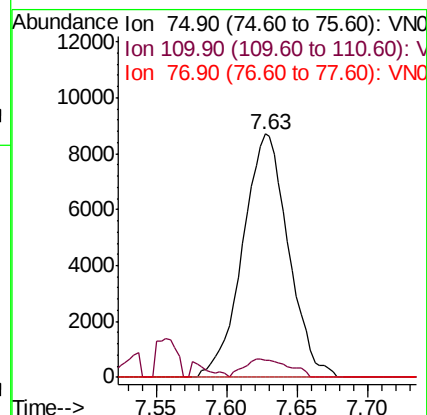
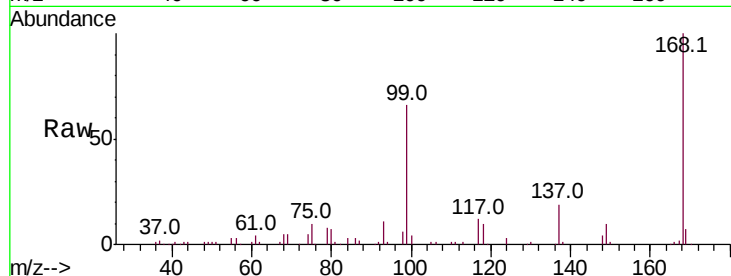
Tot Ion: 75 Resp: 19687

Ion Ratio Lower Upper

75 100

110 7.3 16.5 49.5#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.714 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN063591.D

Acq: 23 Sep 2020 16:06

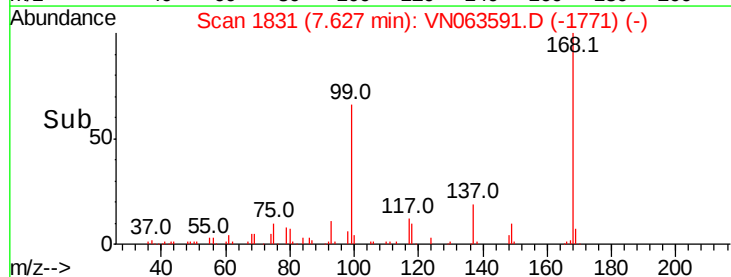
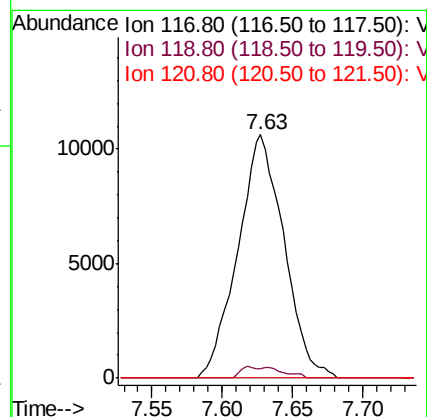
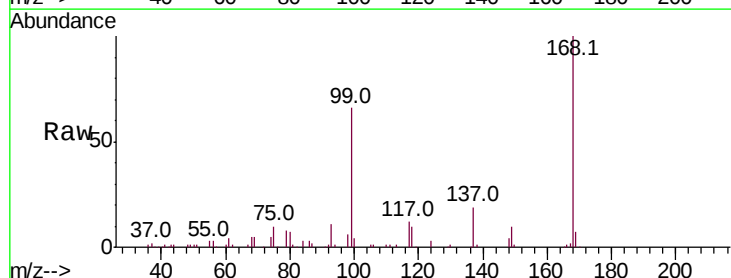
Tgt Ion: 117 Resp: 24297

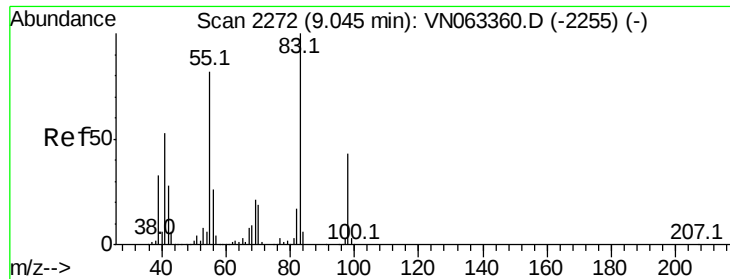
Ion Ratio Lower Upper

117 100

119 4.0 74.5 111.7#

121 0.0 24.1 36.1#

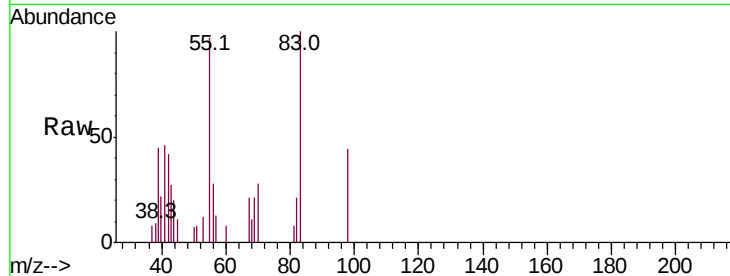




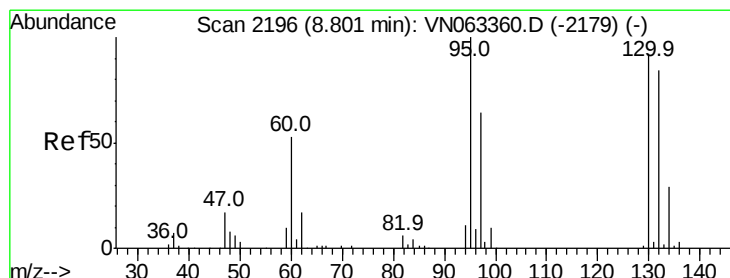
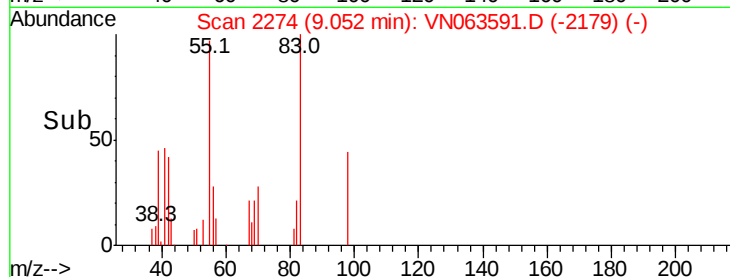
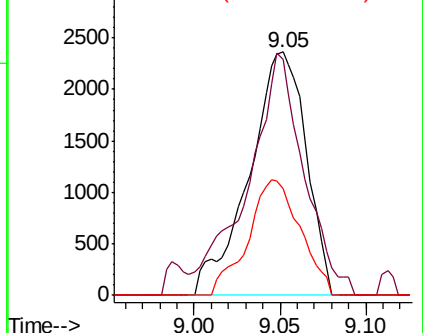
#39
Methvlcvclohexane
Concen: 1.204 ug/l
RT: 9.05 min Scan# 2274
Delta R.T. 0.01 min
Lab File: VN063591.D
Acq: 23 Sep 2020 16:06

Instrument :
MSVOA_N
ClientSampleId :
KY038PS027-200922

Tot Ion: 83 Resp: 5441
Ion Ratio Lower Upper
83 100
55 89.3 65.5 98.3
98 43.9 34.2 51.4

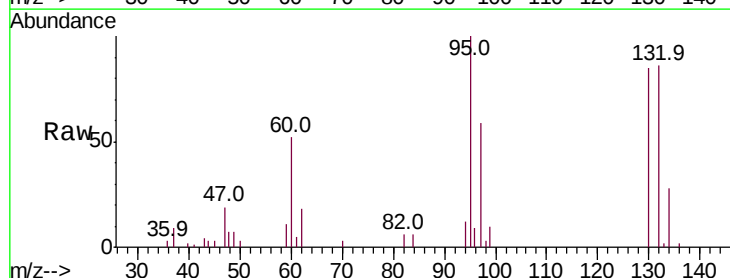


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

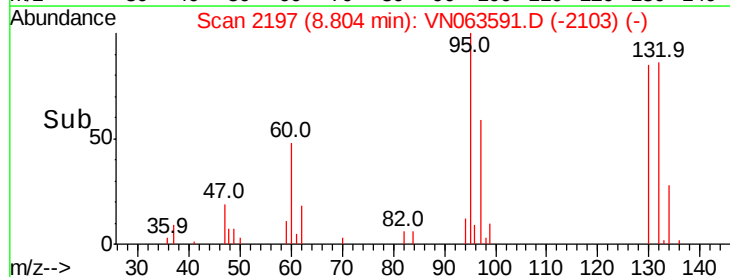
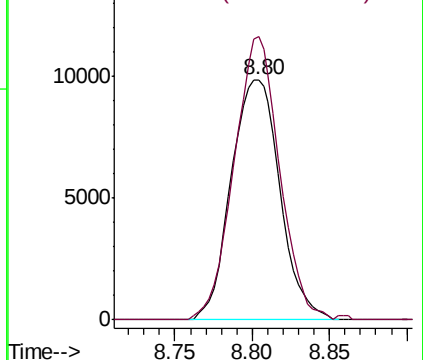


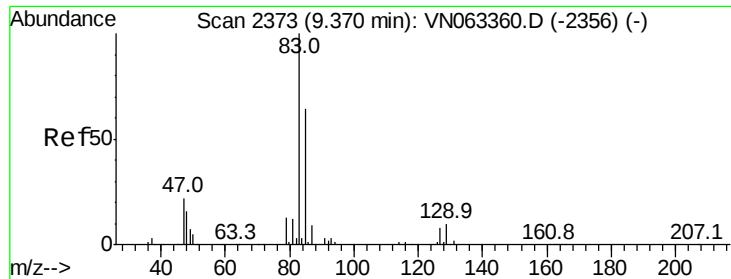
#44
Trichloroethene
Concen: 7.494 ug/l
RT: 8.80 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN063591.D
Acq: 23 Sep 2020 16:06

Tgt Ion:130 Resp: 21612
Ion Ratio Lower Upper
130 100
95 118.0 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0





#47

Bromodichloromethane

Concen: 0.311 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063591.D

Acq: 23 Sep 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

KY038PS027-200922

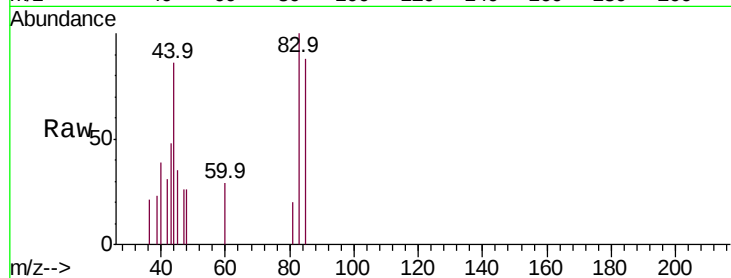
Tot Ion: 83 Resp: 1376

Ion Ratio Lower Upper

83 100

85 88.4 51.0 76.6#

127 0.0 6.3 9.5#



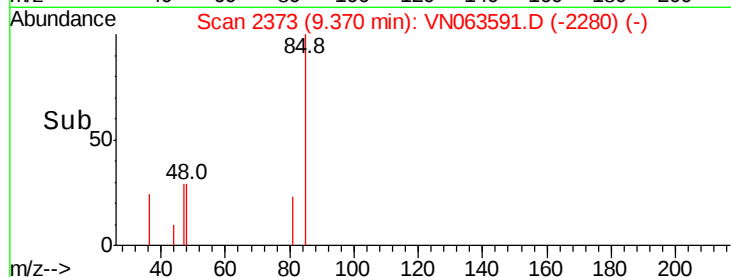
Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-2356) (-)

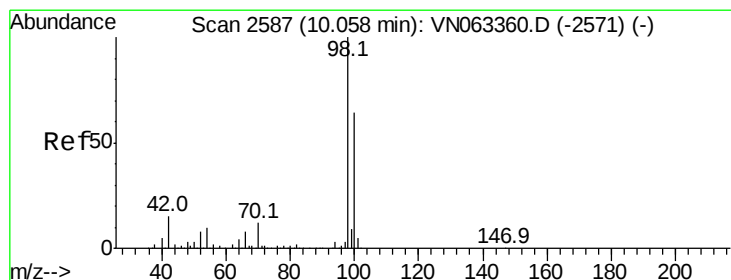
Ion 126.80 (126.50 to 127.50): VN063360.D (-2356) (-)

9.37

Time-->



Time-->



#50

Toluene-d8

Concen: 49.279 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063591.D

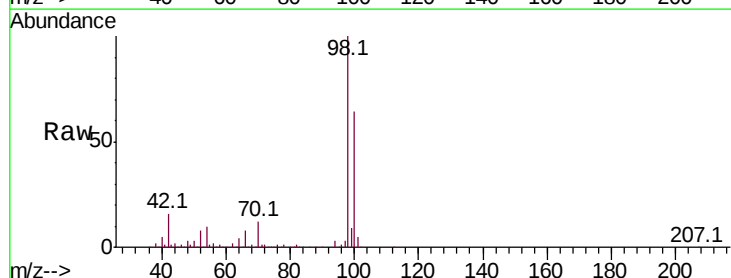
Acq: 23 Sep 2020 16:06

Tgt Ion: 98 Resp: 501550

Ion Ratio Lower Upper

98 100

100 64.3 50.7 76.1

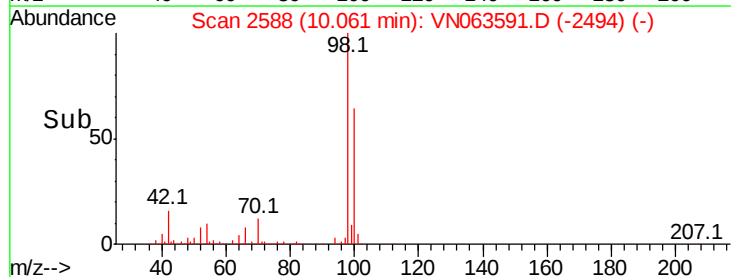


Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)

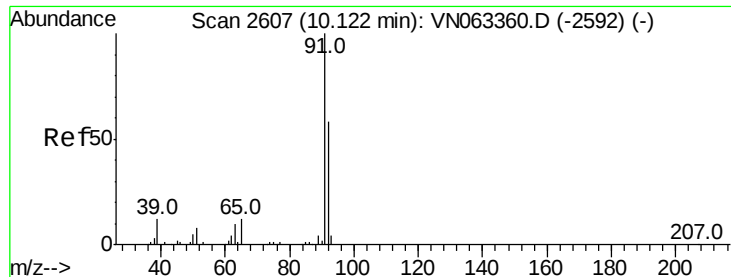
Ion 100.00 (99.70 to 100.70): VN063360.D (-2571) (-)

10.06

Time-->



Time-->



#52

Toluene

Concen: 15.534 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063591.D

Acq: 23 Sep 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

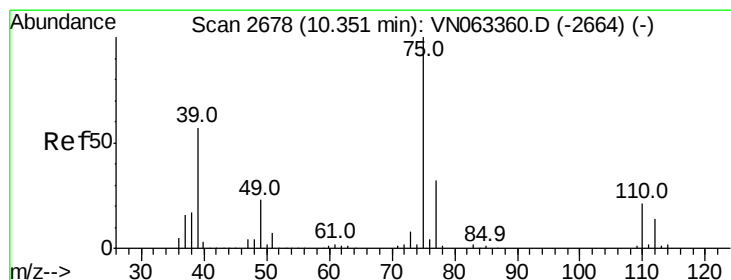
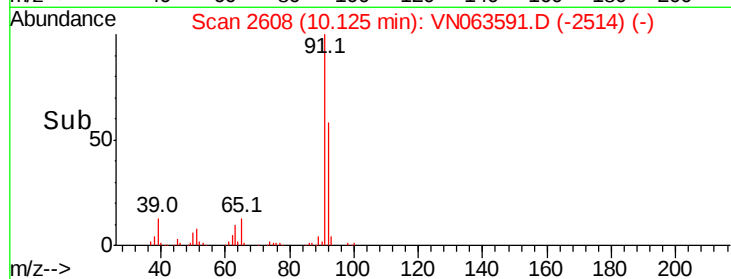
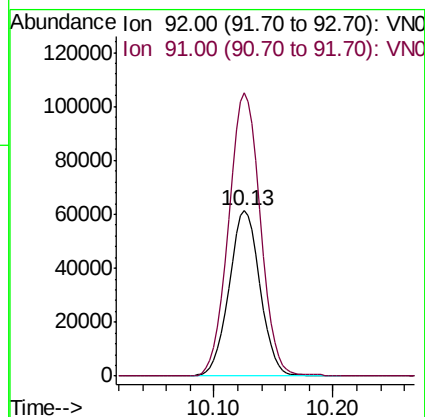
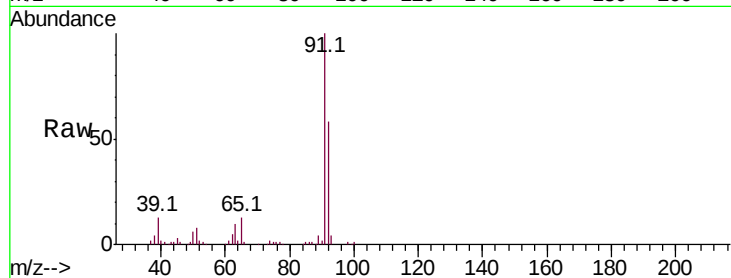
KY038PS027-200922

Tot Ion: 92 Resp: 111050

Ion Ratio Lower Upper

92 100

91 175.1 139.7 209.5



#53

t-1,3-Dichloropropene

Concen: 0.295 ug/l

RT: 10.13 min Scan# 2609

Delta R.T. -0.22 min

Lab File: VN063591.D

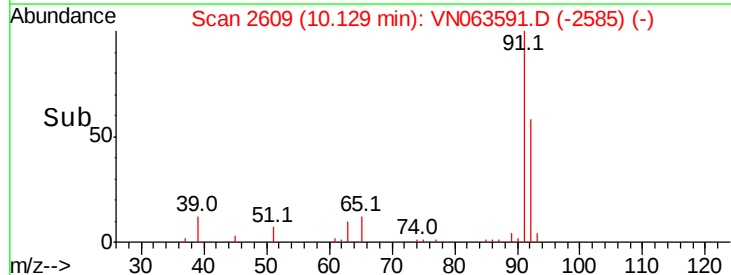
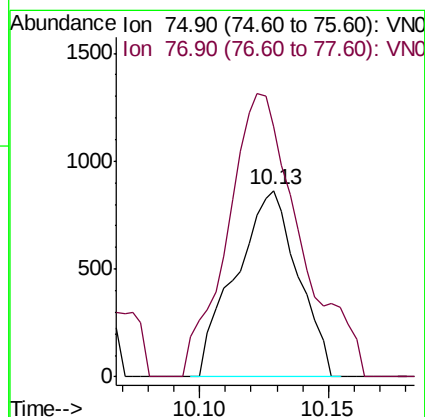
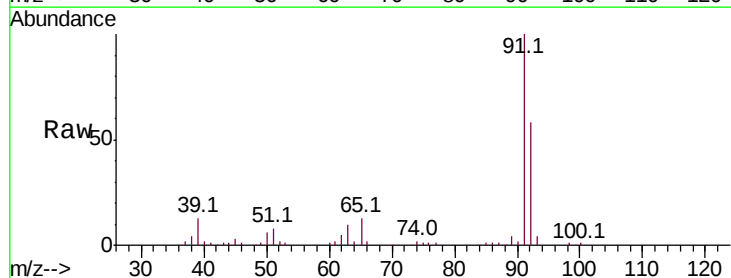
Acq: 23 Sep 2020 16:06

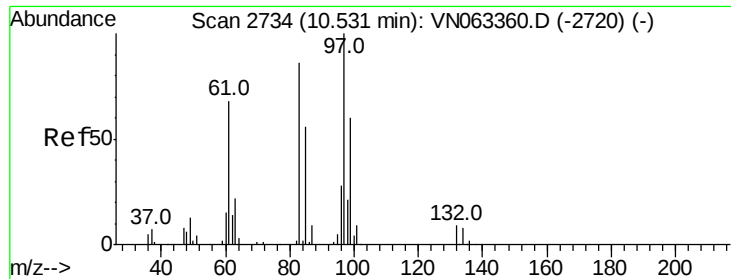
Tgt Ion: 75 Resp: 1457

Ion Ratio Lower Upper

75 100

77 112.7 25.4 38.2#

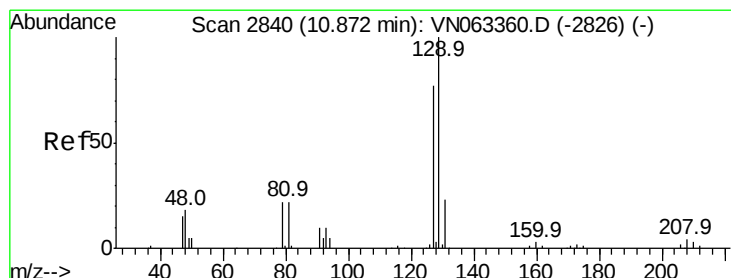
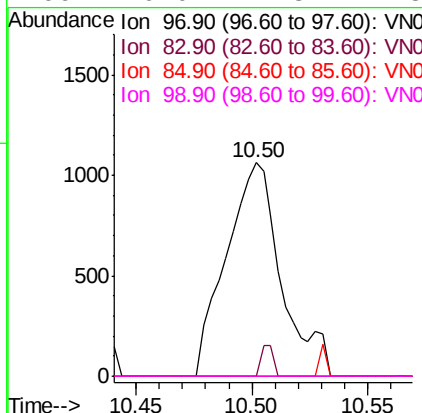
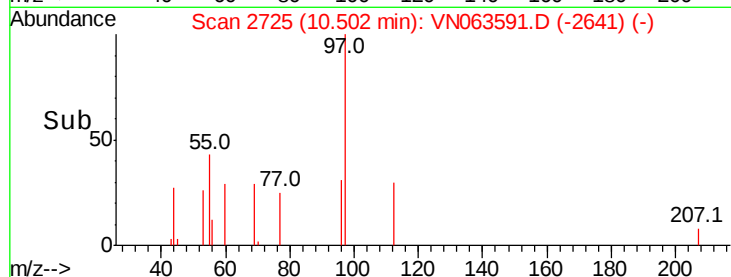
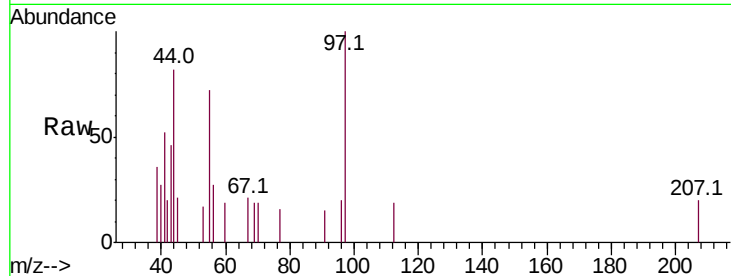




#55
 1,1,2-Trichloroethane
 Concen: 0.618 ug/l
 RT: 10.50 min Scan# 2725
 Delta R.T. -0.03 min
 Lab File: VN063591.D
 Acq: 23 Sep 2020 16:06

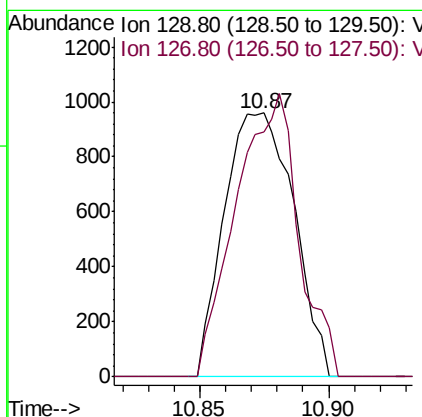
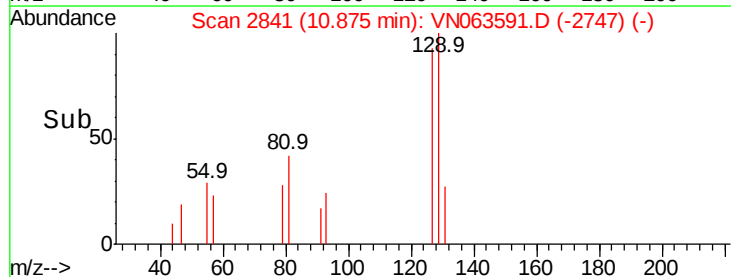
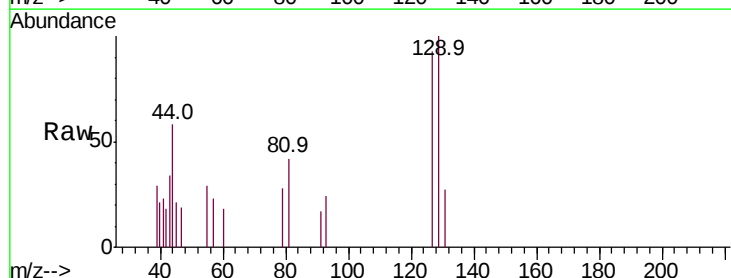
Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS027-200922

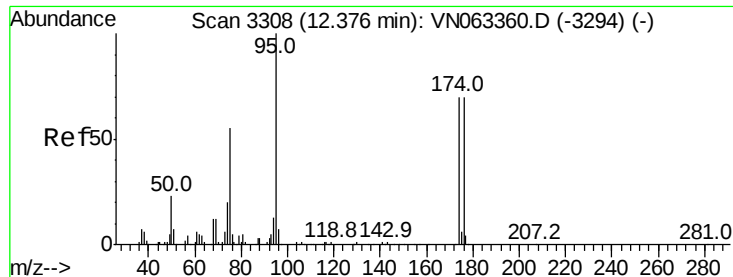
Tot Ion: 97 Resp: 1755
 Ion Ratio Lower Upper
 97 100
 83 0.0 68.9 103.3#
 85 0.0 44.8 67.2#
 99 0.0 47.8 71.8#



#60
 Dibromochloromethane
 Concen: 0.560 ug/l
 RT: 10.87 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VN063591.D
 Acq: 23 Sep 2020 16:06

Tgt Ion: 129 Resp: 1798
 Ion Ratio Lower Upper
 129 100
 127 96.8 39.1 117.3

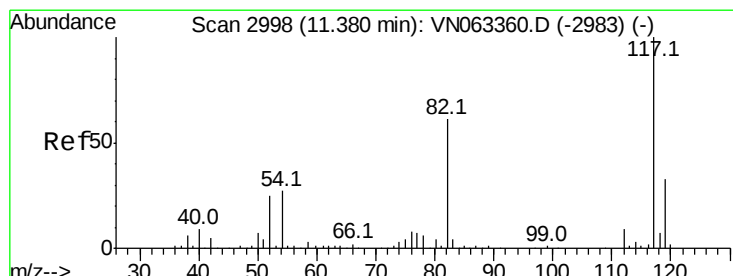
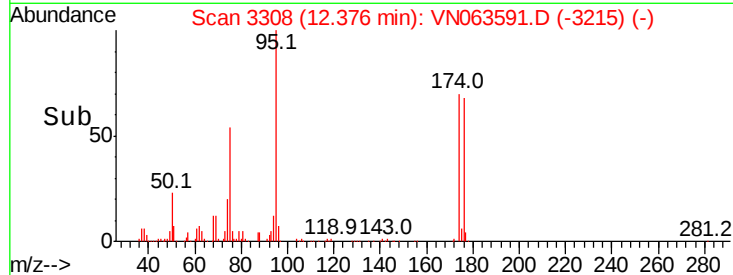
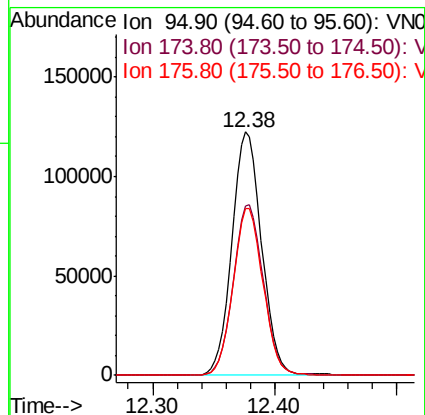
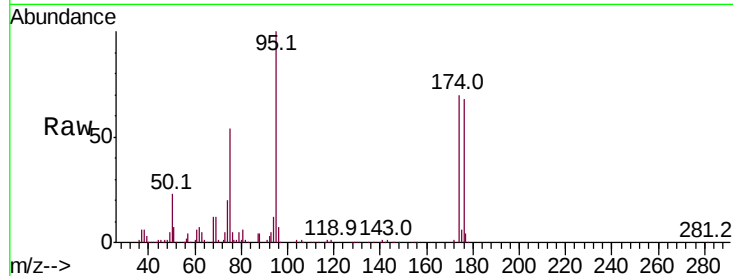




#62
4-Bromofluorobenzene
Concen: 55.827 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063591.D
Acq: 23 Sep 2020 16:06

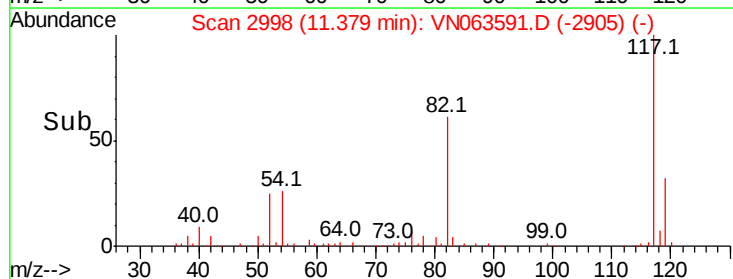
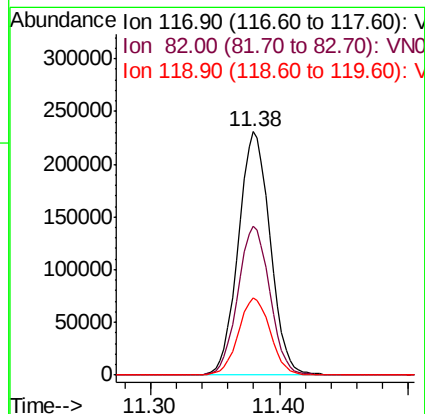
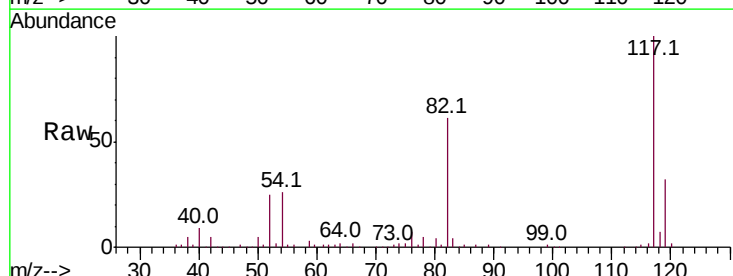
Instrument :
MSVOA_N
ClientSampleId :
KY038PS027-200922

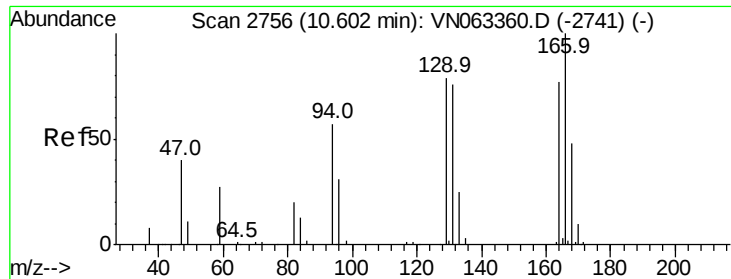
Tot Ion	Ratio	Lower	Upper
95	100		
174	70.8	0.0	140.8
176	68.9	0.0	137.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063591.D
Acq: 23 Sep 2020 16:06

Tgt Ion	Ratio	Lower	Upper
117	100		
82	61.1	49.2	73.8
119	31.7	26.2	39.4





#64

Tetrachloroethene

Concen: 1.176 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VN063591.D

Acq: 23 Sep 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

KY038PS027-200922

Tot Ion:164 Resp: 3172

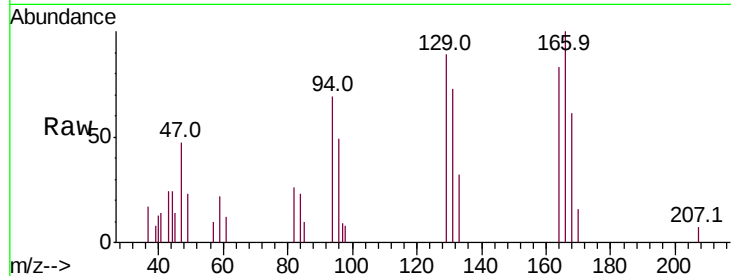
Ion Ratio Lower Upper

164 100

166 120.7 103.4 155.0

129 107.7 81.8 122.6

131 88.4 78.2 117.4



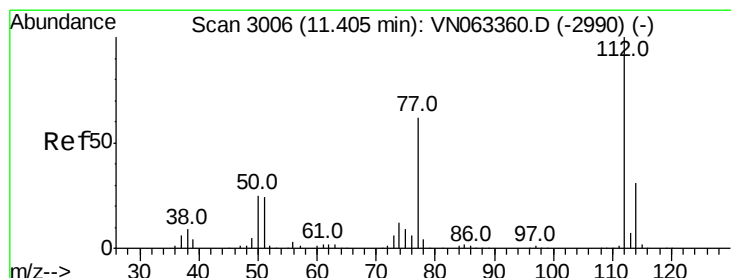
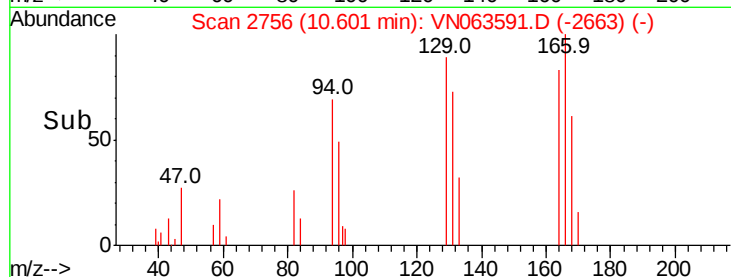
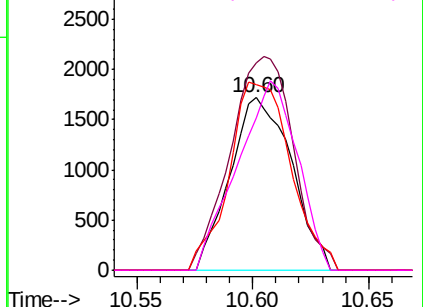
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 1.087 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN063591.D

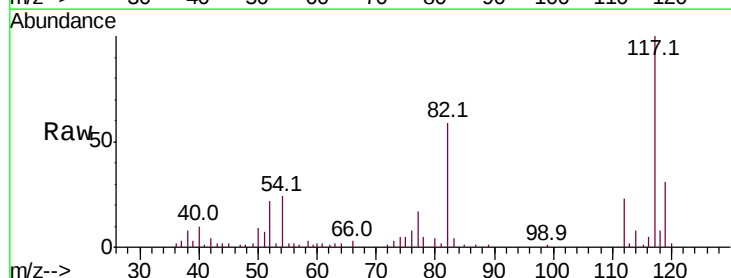
Acq: 23 Sep 2020 16:06

Tgt Ion:112 Resp: 9140

Ion Ratio Lower Upper

112 100

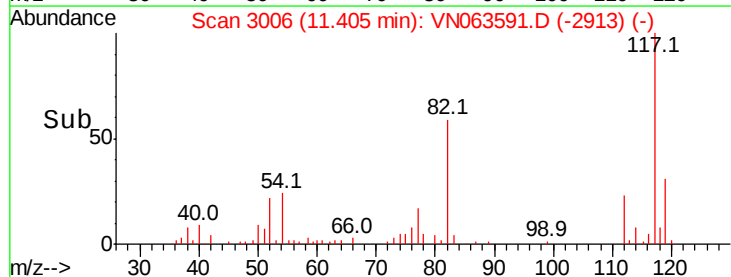
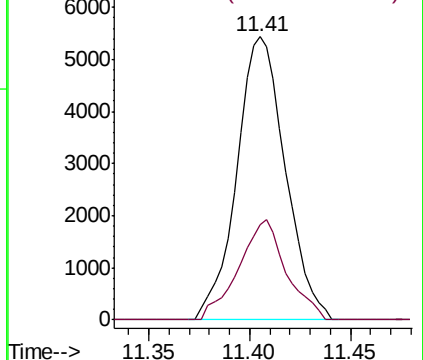
114 33.7 25.0 37.6

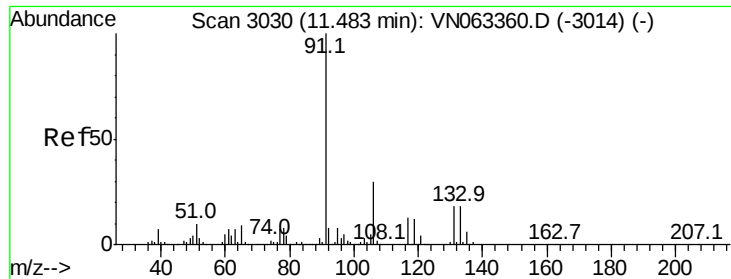


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

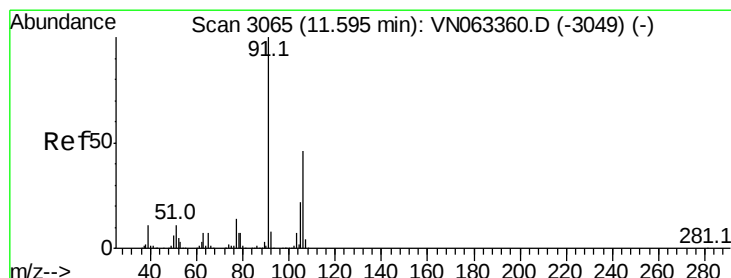
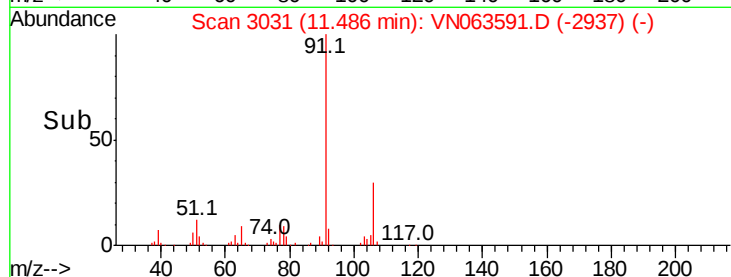
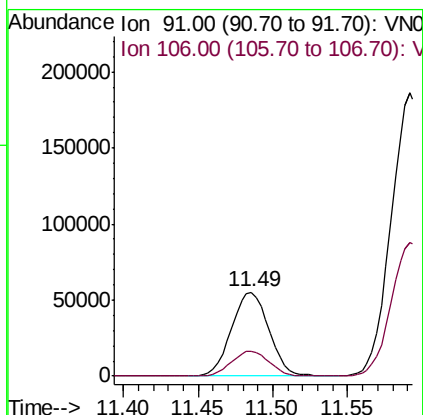
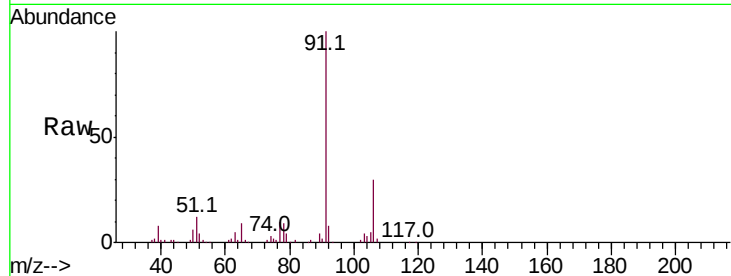




#67
Ethyl Benzene
Concen: 6.069 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063591.D
Acq: 23 Sep 2020 16:06

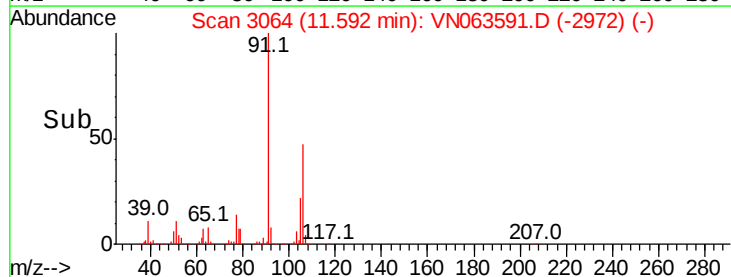
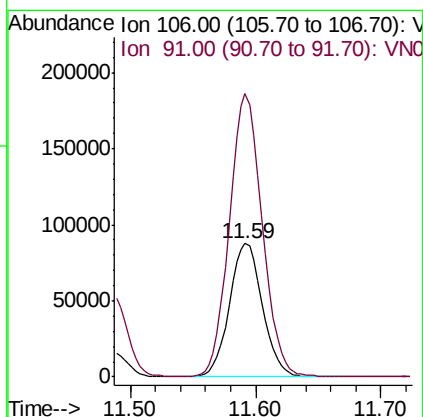
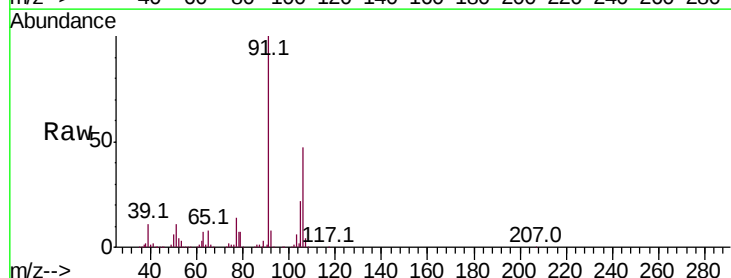
Instrument :
MSVOA_N
ClientSampleId :
KY038PS027-200922

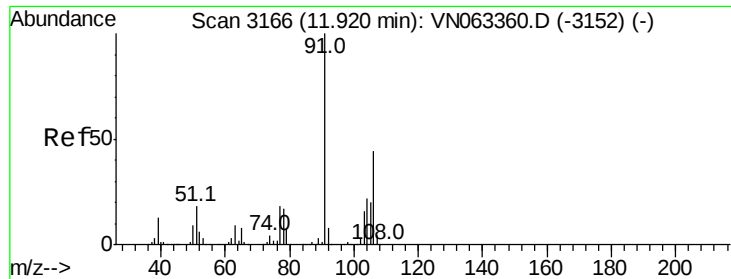
Tot Ion: 91 Resp: 96131
Ion Ratio Lower Upper
91 100
106 30.4 23.8 35.6



#68
m/p-Xylenes
Concen: 28.039 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN063591.D
Acq: 23 Sep 2020 16:06

Tgt Ion: 106 Resp: 160135
Ion Ratio Lower Upper
106 100
91 210.9 171.2 256.8

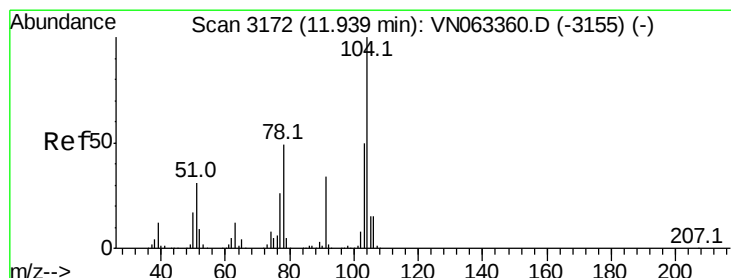
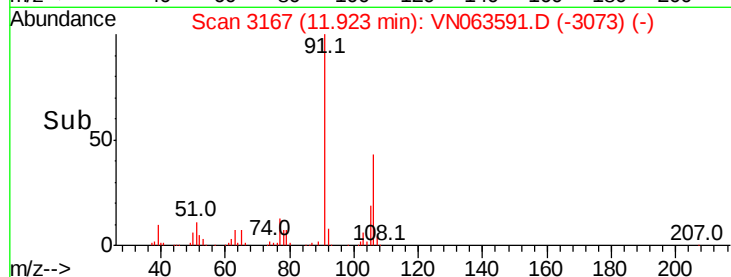
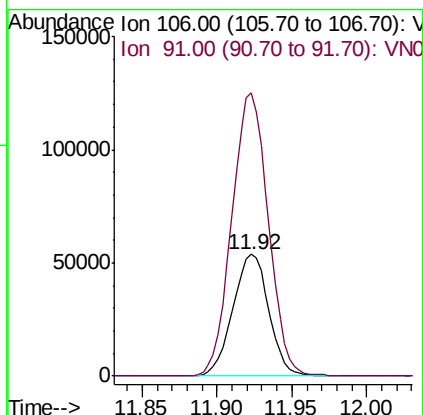
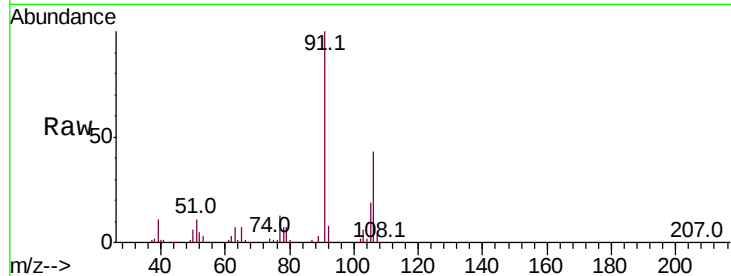




#69
o-Xylene
Concen: 16.596 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063591.D
Acq: 23 Sep 2020 16:06

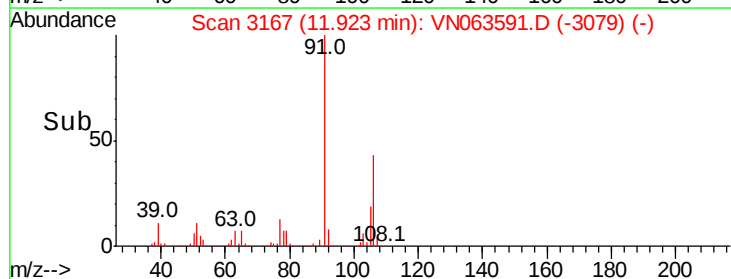
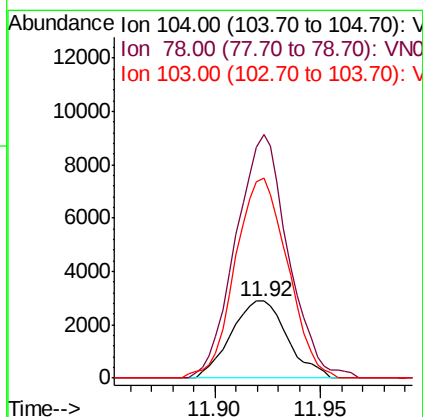
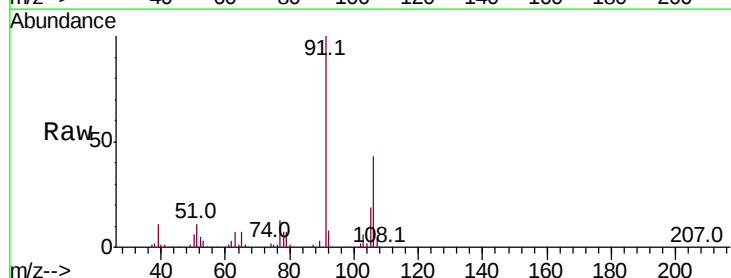
Instrument :
MSVOA_N
ClientSampleId :
KY038PS027-200922

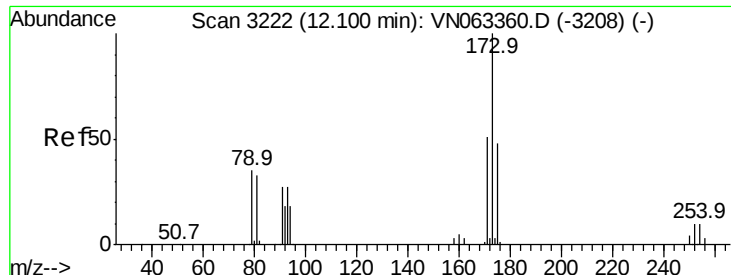
Tot Ion:106 Resp: 90291
Ion Ratio Lower Upper
106 100
91 235.5 113.6 340.8



#70
Styrene
Concen: 0.585 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.02 min
Lab File: VN063591.D
Acq: 23 Sep 2020 16:06

Tgt Ion:104 Resp: 5333
Ion Ratio Lower Upper
104 100
78 296.6 44.4 66.6#
103 243.2 43.7 65.5#

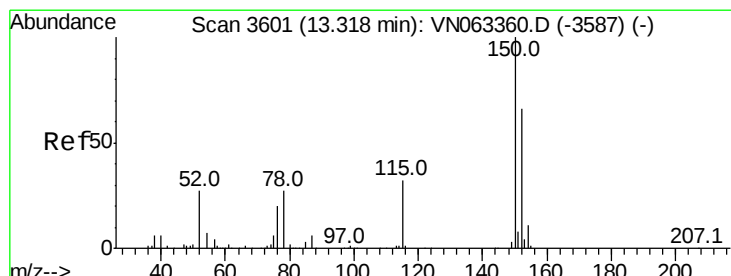
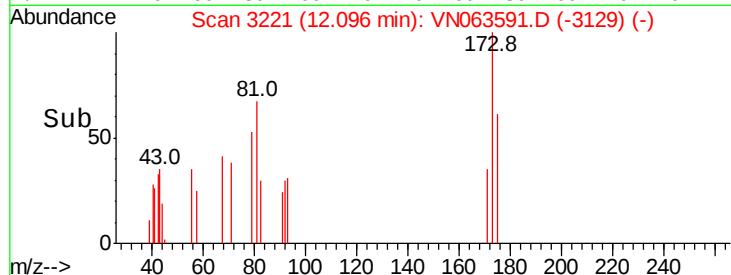
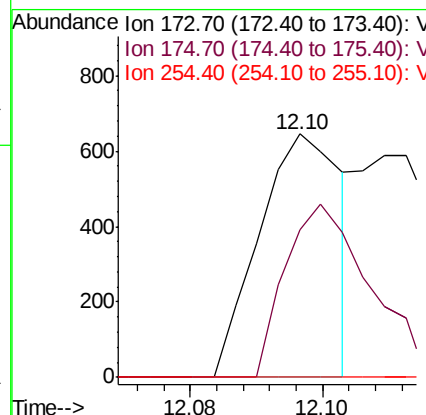
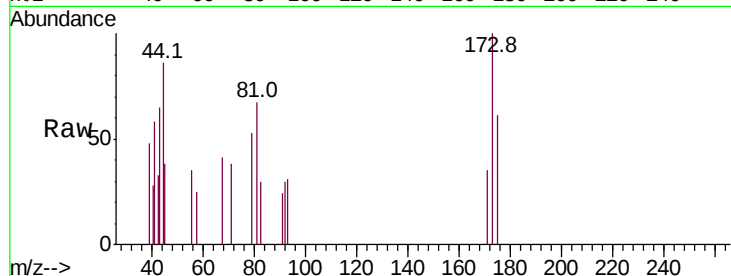




#71
Bromoform
Concen: 0.242 ug/l
RT: 12.10 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN063591.D
Acq: 23 Sep 2020 16:06

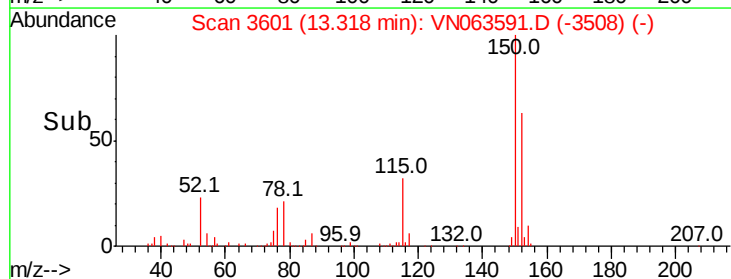
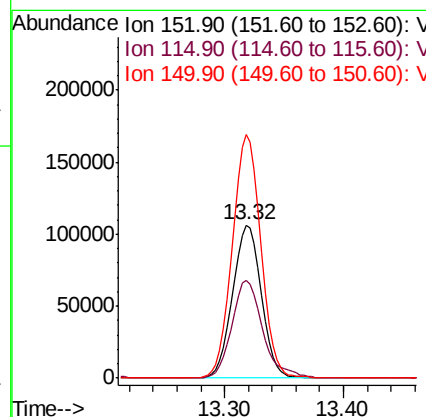
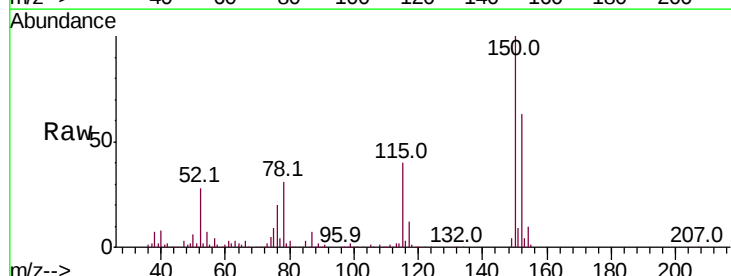
Instrument :
MSVOA_N
ClientSampleId :
KY038PS027-200922

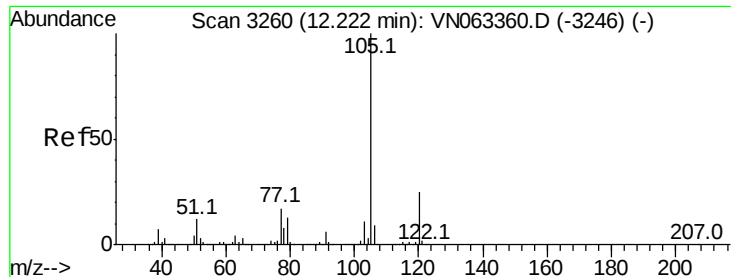
Tot Ion:173 Resp: 557
Ion Ratio Lower Upper
173 100
175 72.5 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063591.D
Acq: 23 Sep 2020 16:06

Tgt Ion:152 Resp: 178435
Ion Ratio Lower Upper
152 100
115 68.6 32.2 96.6
150 157.2 0.0 343.4





#73

Isopropylbenzene

Concen: 13.018 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063591.D

Acq: 23 Sep 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

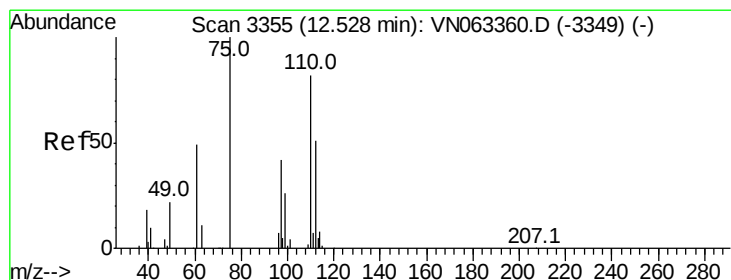
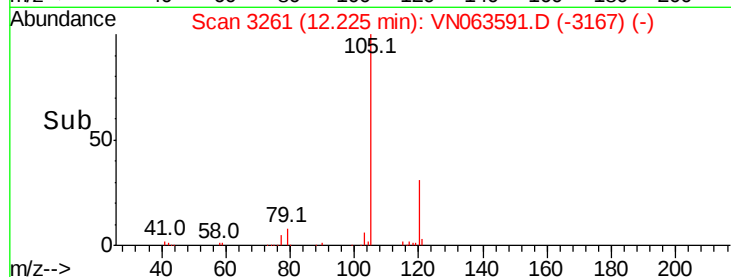
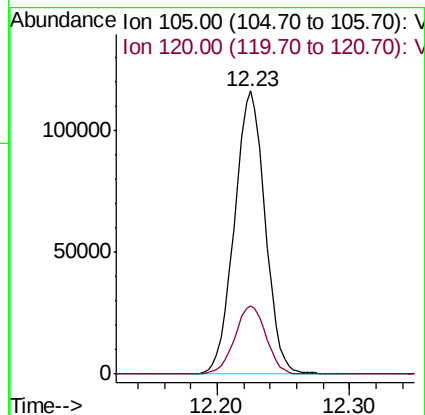
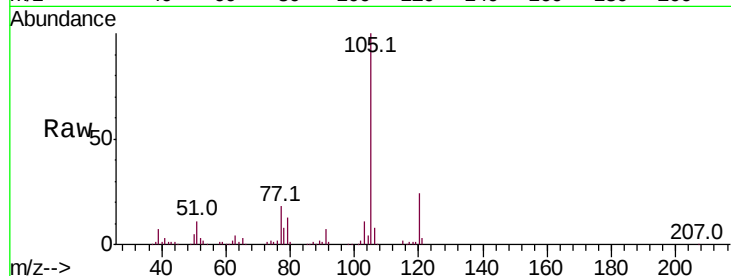
KY038PS027-200922

Tot Ion:105 Resp: 186140

Ion Ratio Lower Upper

105 100

120 24.6 12.7 38.0



#76

1,2,3-Trichloropropane

Concen: 26.146 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063591.D

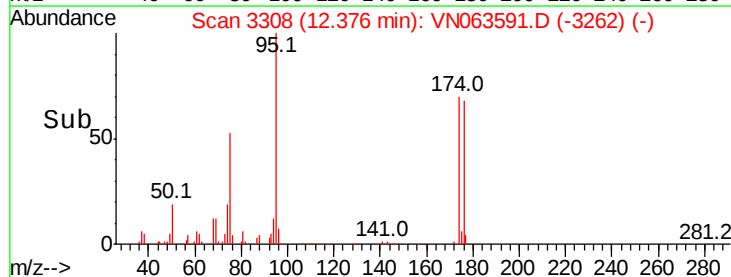
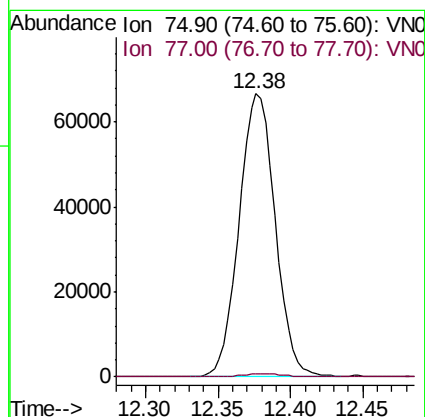
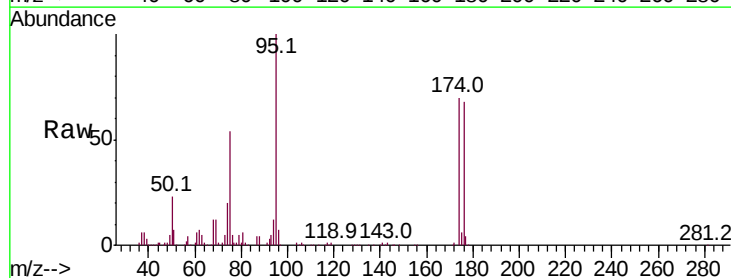
Acq: 23 Sep 2020 16:06

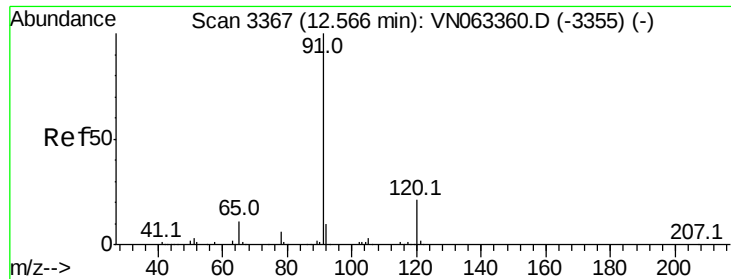
Tgt Ion: 75 Resp: 115475

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

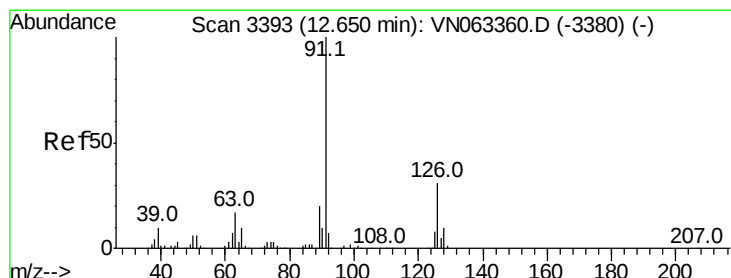
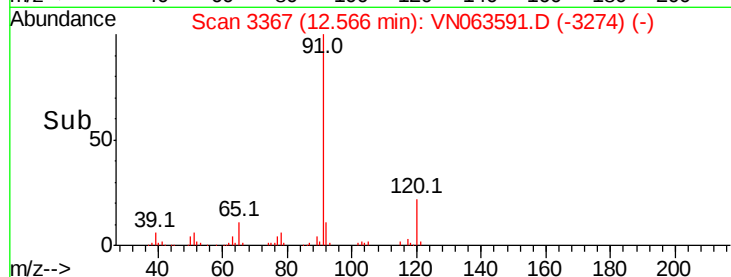
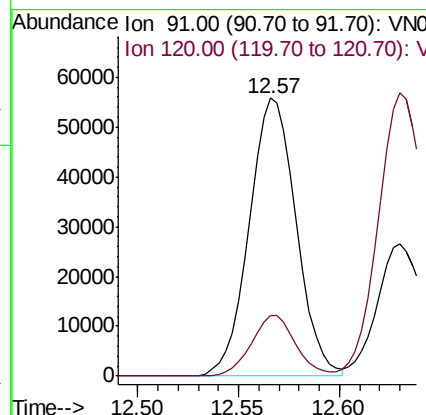
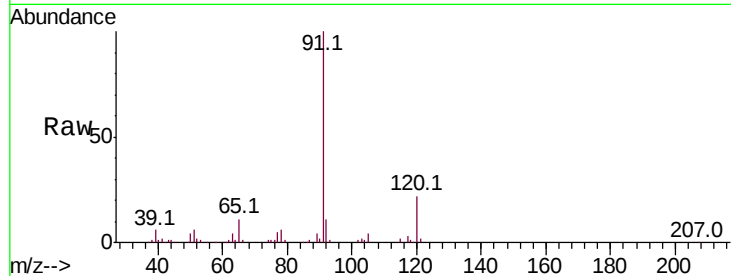




#78
n-propylbenzene
Concen: 5.465 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. -0.00 min
Lab File: VN063591.D
Acq: 23 Sep 2020 16:06

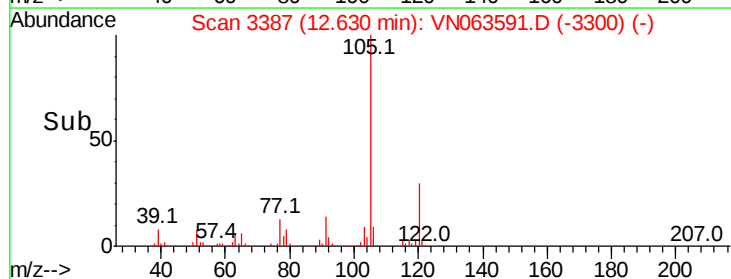
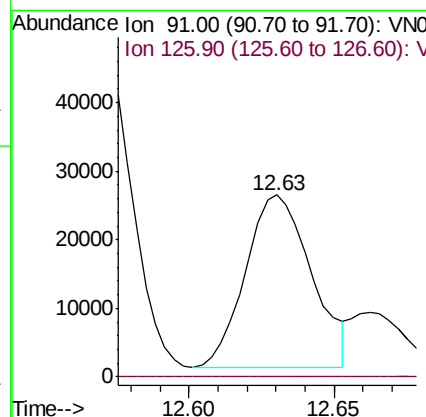
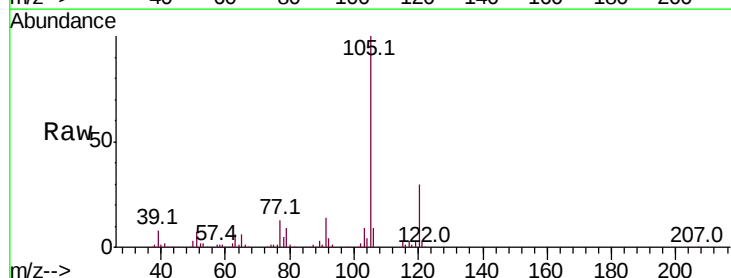
Instrument :
MSVOA_N
ClientSampleId :
KY038PS027-200922

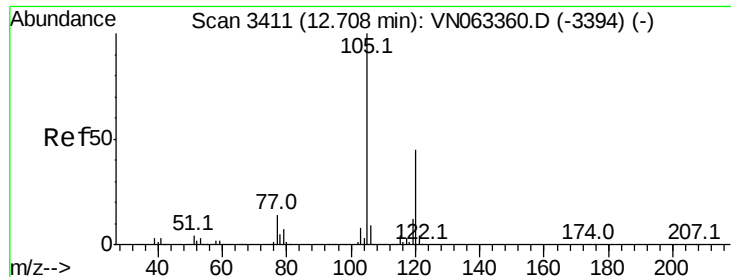
Tot Ion: 91 Resp: 91009
Ion Ratio Lower Upper
91 100
120 20.8 10.8 32.3



#79
2-Chlorotoluene
Concen: 3.976 ug/l
RT: 12.63 min Scan# 3387
Delta R.T. -0.02 min
Lab File: VN063591.D
Acq: 23 Sep 2020 16:06

Tgt Ion: 91 Resp: 39692
Ion Ratio Lower Upper
91 100
126 0.0 15.8 47.3#





#80

1,3,5-Trimethylbenzene

Concen: 11.838 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063591.D

Acq: 23 Sep 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

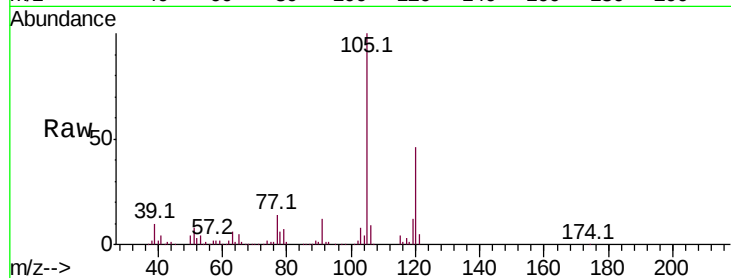
KY038PS027-200922

Tot Ion:105 Resp: 141153

Ion Ratio Lower Upper

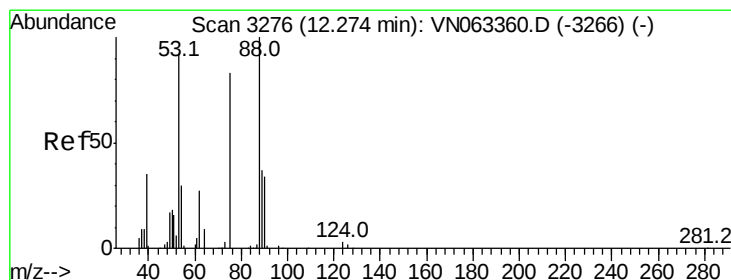
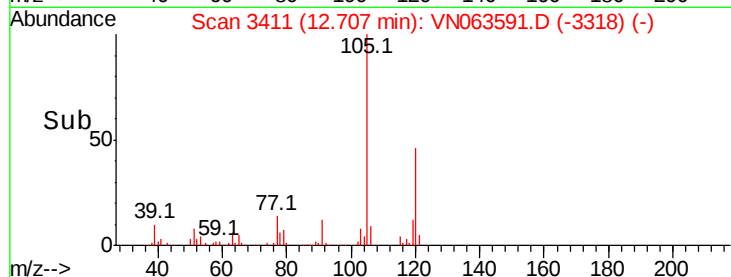
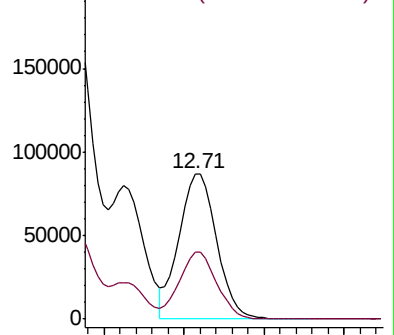
105 100

120 46.1 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 71.683 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063591.D

Acq: 23 Sep 2020 16:06

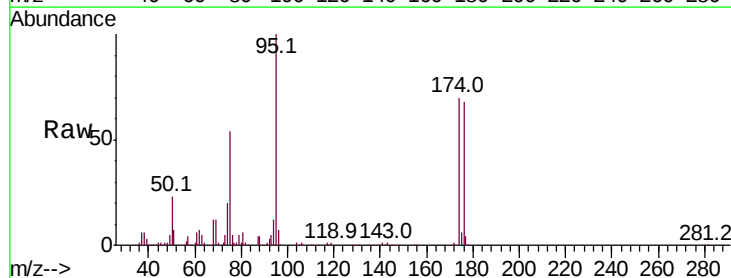
Tgt Ion: 75 Resp: 115475

Ion Ratio Lower Upper

75 100

53 0.1 85.7 128.5#

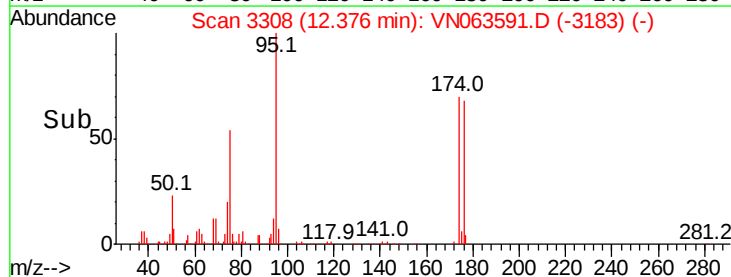
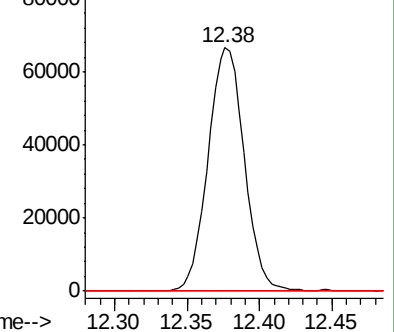
89 0.0 38.0 57.0#

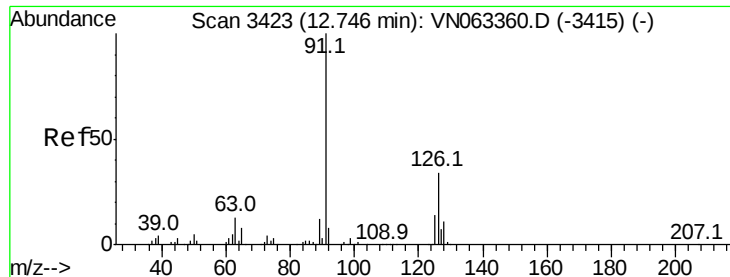


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#82

4-Chlorotoluene

Concen: 1.563 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.04 min

Lab File: VN063591.D

Acq: 23 Sep 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

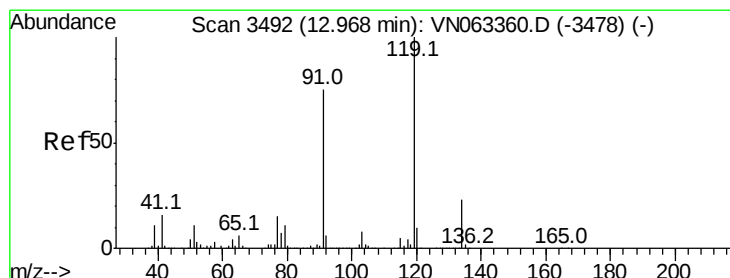
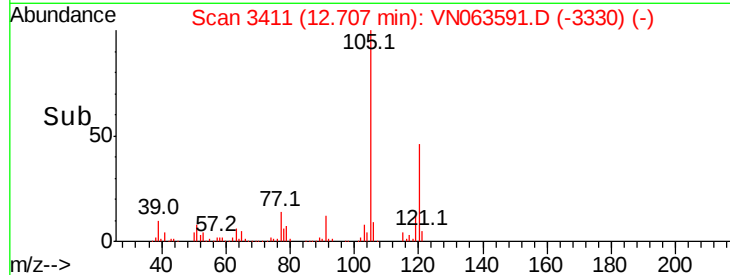
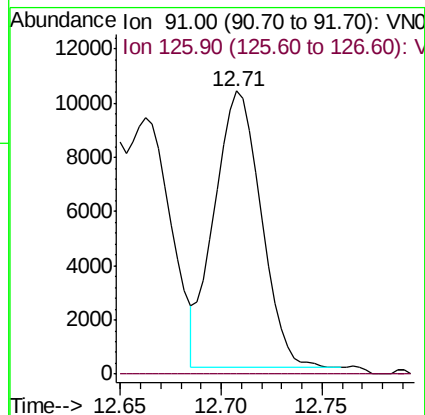
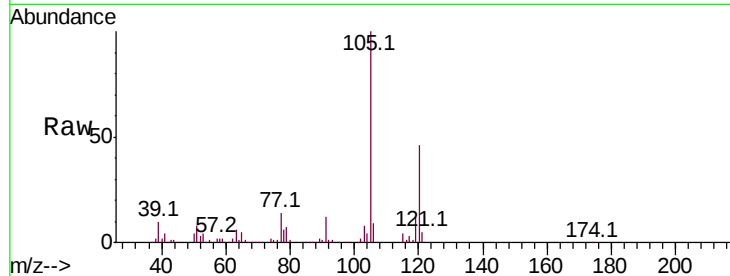
KY038PS027-200922

Tot Ion: 91 Resp: 16483

Ion Ratio Lower Upper

91 100

126 0.0 15.5 46.5#



#83

tert-Butylbenzene

Concen: 6.447 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.05 min

Lab File: VN063591.D

Acq: 23 Sep 2020 16:06

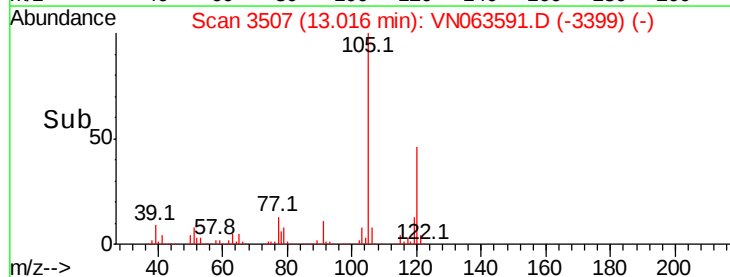
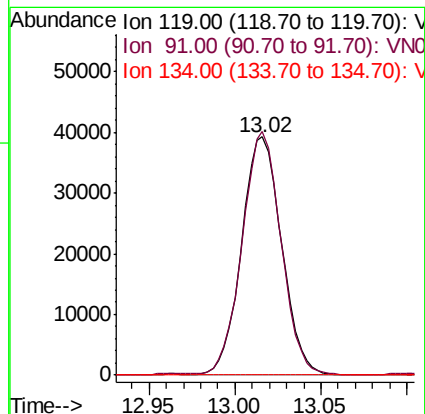
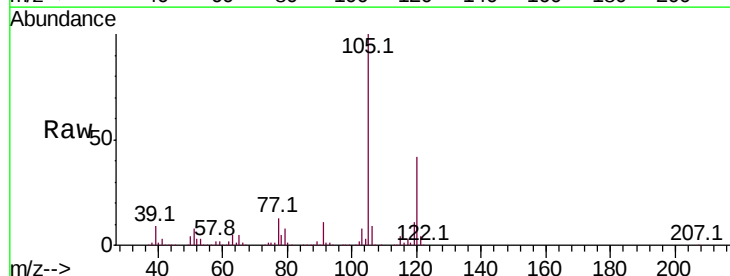
Tgt Ion: 119 Resp: 63447

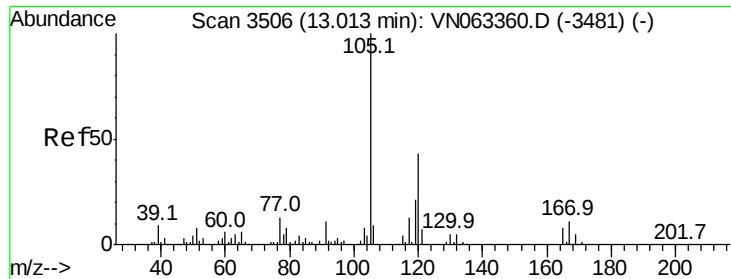
Ion Ratio Lower Upper

119 100

91 99.8 36.3 108.9

134 0.0 12.3 36.8#

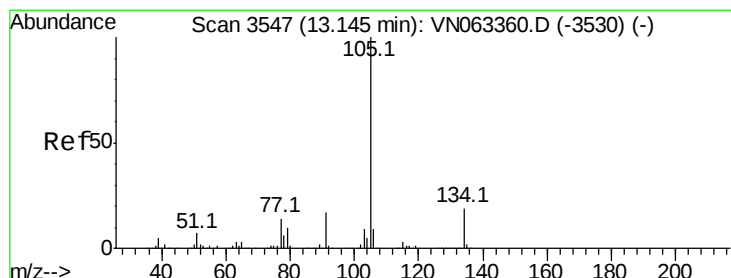
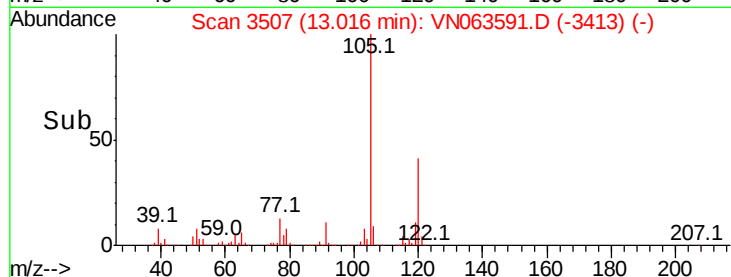
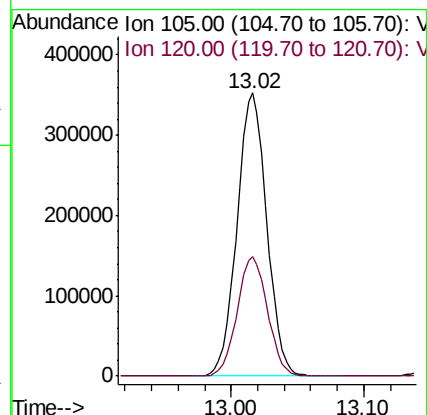
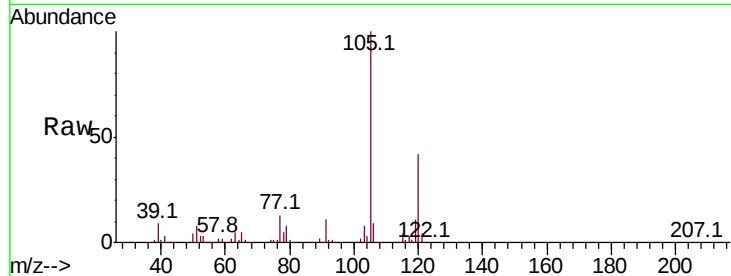




#84
 1,2,4-Trimethylbenzene
 Concen: 45.589 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063591.D
 Acq: 23 Sep 2020 16:06

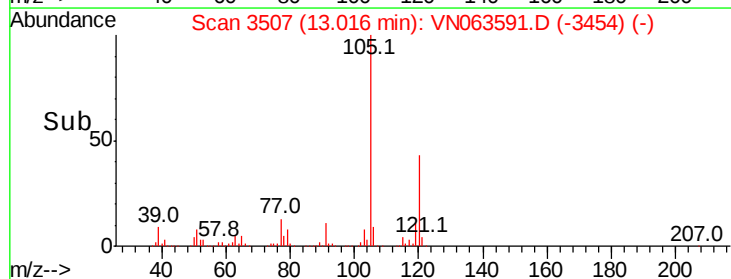
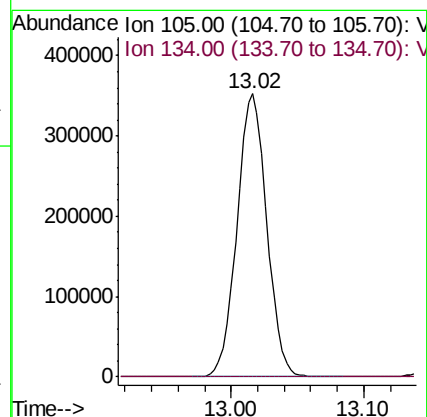
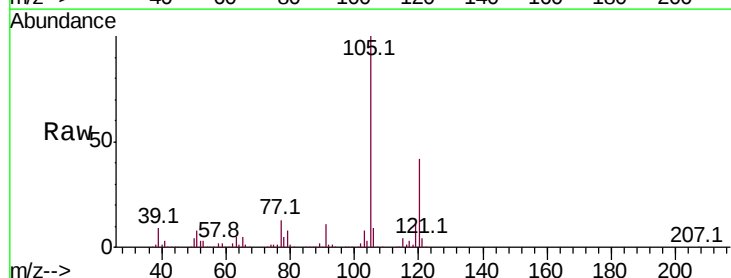
Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS027-200922

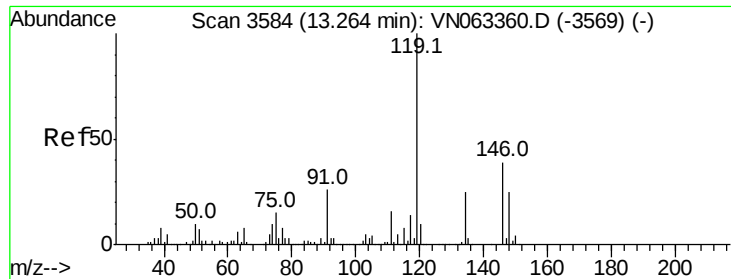
Tot Ion:105 Resp: 549056
 Ion Ratio Lower Upper
 105 100
 120 43.1 21.3 63.9



#85
 sec-Butylbenzene
 Concen: 41.682 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. -0.13 min
 Lab File: VN063591.D
 Acq: 23 Sep 2020 16:06

Tgt Ion:105 Resp: 549056
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.3 27.7#

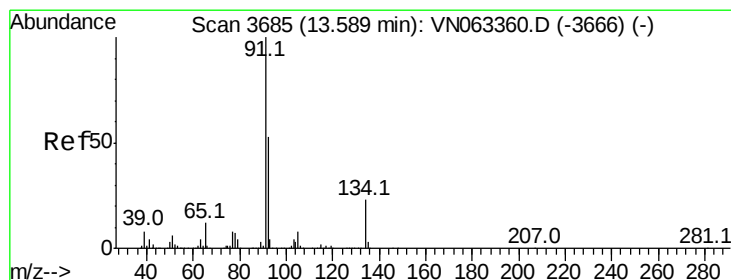
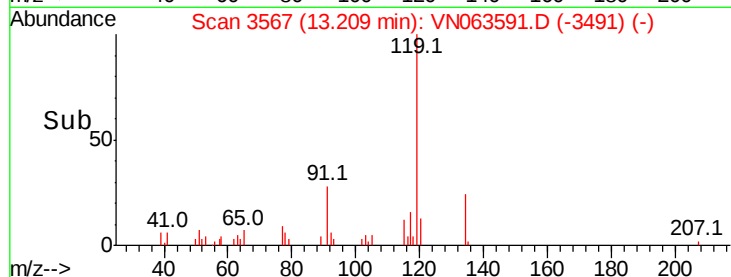
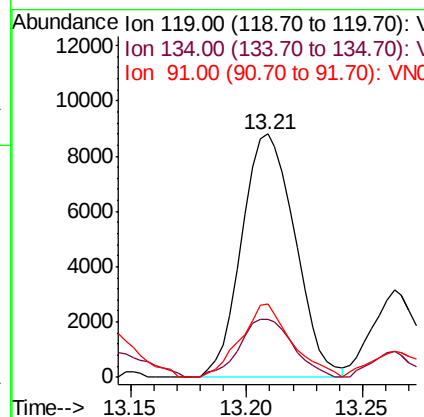
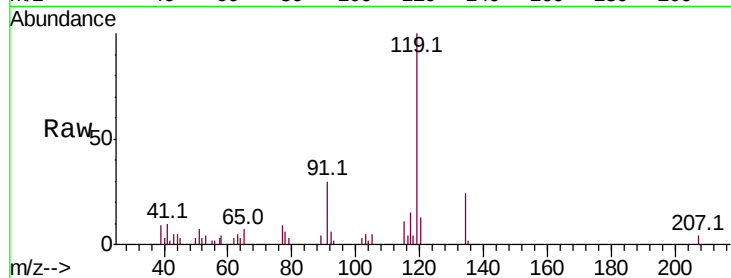




#86
 p-Isopropyltoluene
 Concen: 1.212 ug/l
 RT: 13.21 min Scan# 3567
 Delta R.T. -0.05 min
 Lab File: VN063591.D
 Acq: 23 Sep 2020 16:06

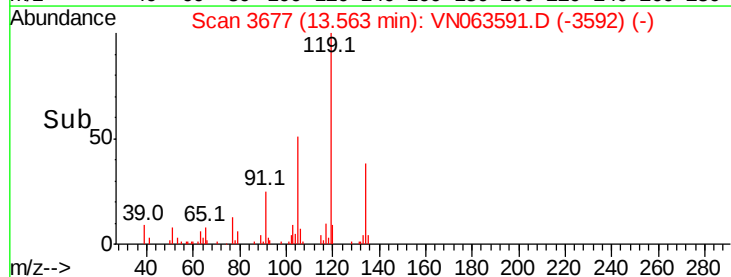
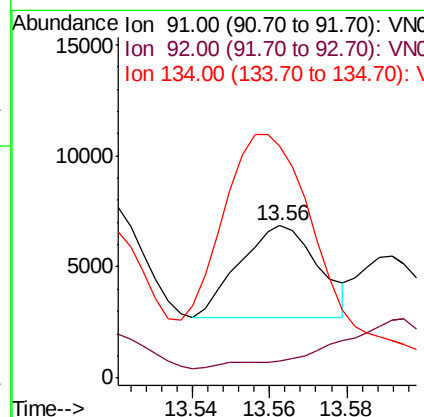
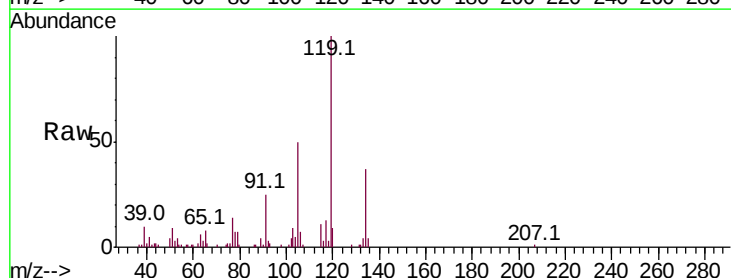
Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS027-200922

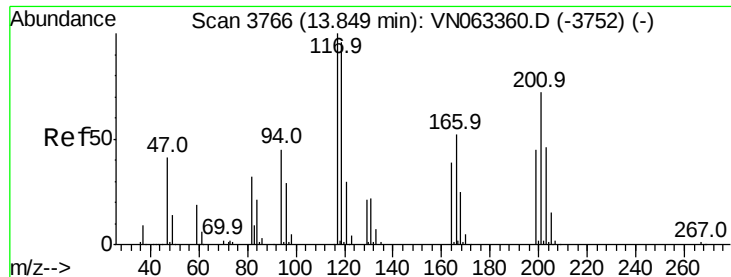
Tot Ion: 119 Resp: 14080
 Ion Ratio Lower Upper
 119 100
 134 23.8 12.5 37.5
 91 28.8 13.4 40.1



#89
 n-Butylbenzene
 Concen: 0.544 ug/l
 RT: 13.56 min Scan# 3677
 Delta R.T. -0.03 min
 Lab File: VN063591.D
 Acq: 23 Sep 2020 16:06

Tgt Ion: 91 Resp: 5823
 Ion Ratio Lower Upper
 91 100
 92 10.5 26.0 78.0#
 134 351.3 11.7 35.0#





#90

Hexachloroethane

Concen: 2.536 ug/l

RT: 13.87 min Scan# 3772

Delta R.T. 0.02 min

Lab File: VN063591.D

Acq: 23 Sep 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

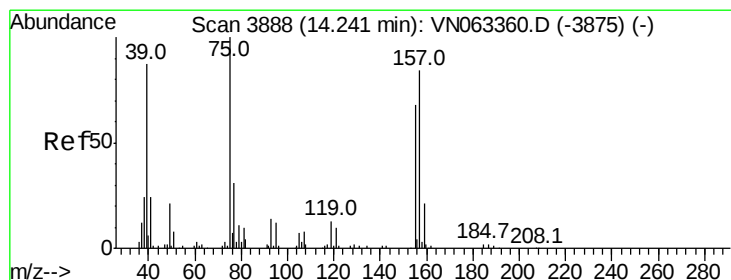
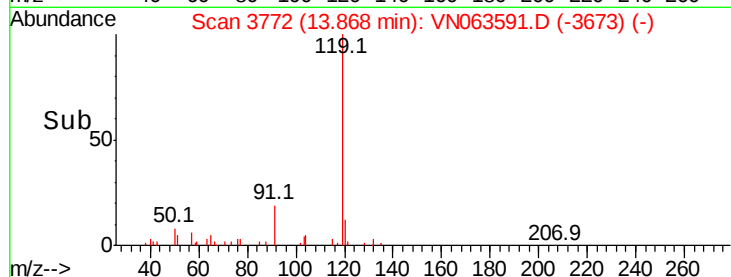
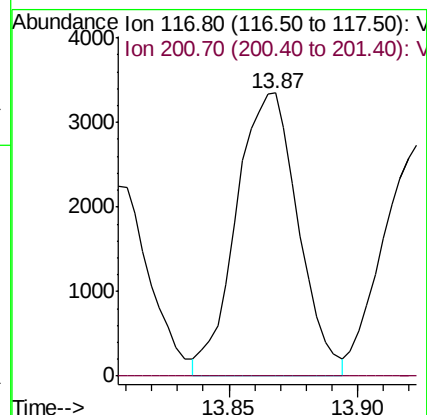
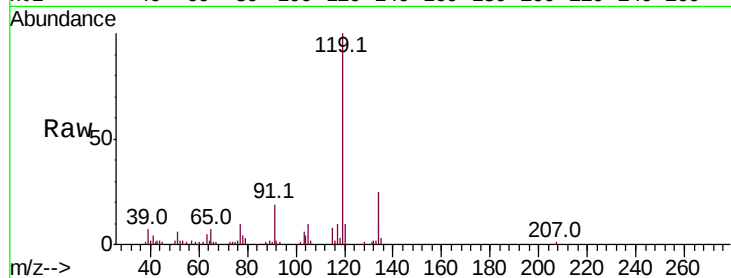
KY038PS027-200922

Tot Ion:117 Resp: 5610

Ion Ratio Lower Upper

117 100

201 0.0 35.5 106.7#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.524 ug/l

RT: 14.22 min Scan# 3882

Delta R.T. -0.02 min

Lab File: VN063591.D

Acq: 23 Sep 2020 16:06

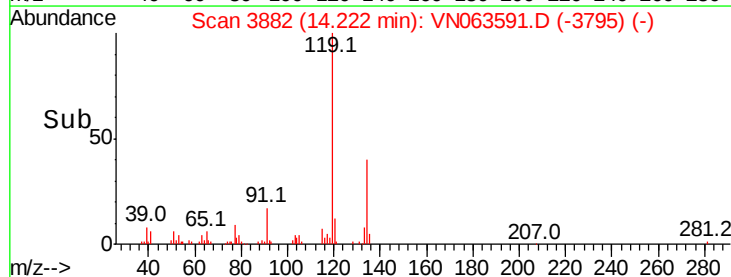
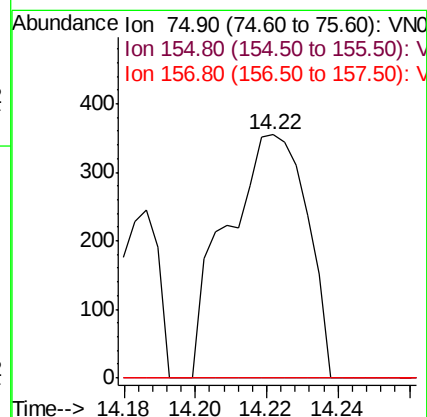
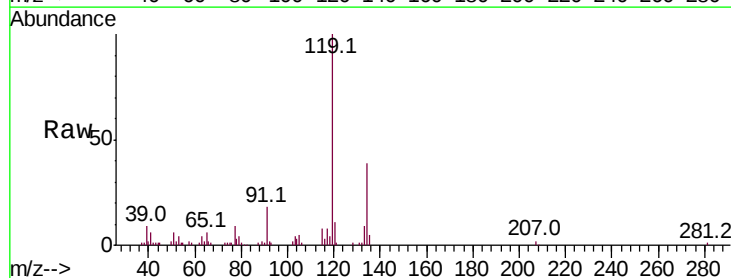
Tgt Ion: 75 Resp: 552

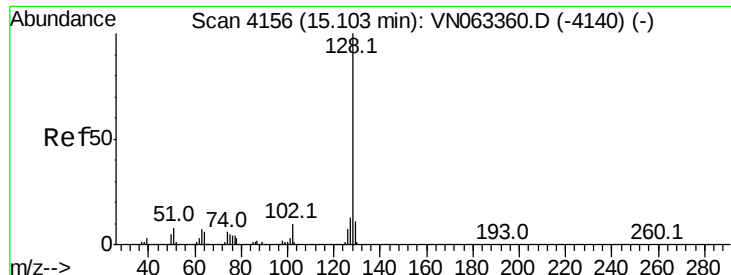
Ion Ratio Lower Upper

75 100

155 0.0 34.6 103.9#

157 0.0 43.7 131.1#





#95

Naphthalene

Concen: 3.781 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063591.D

Acq: 23 Sep 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

KY038PS027-200922

Tot Ion:128 Resp: 43102

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

129 10.0 8.8 13.2

