

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007734.D
 Acq On : 04 Mar 2022 04:04
 Operator : SY/MD
 Sample : N1730-13
 Misc : 6.63g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 25-26-SAMPLE-LOCATION-13

Quant Time: Mar 04 07:32:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

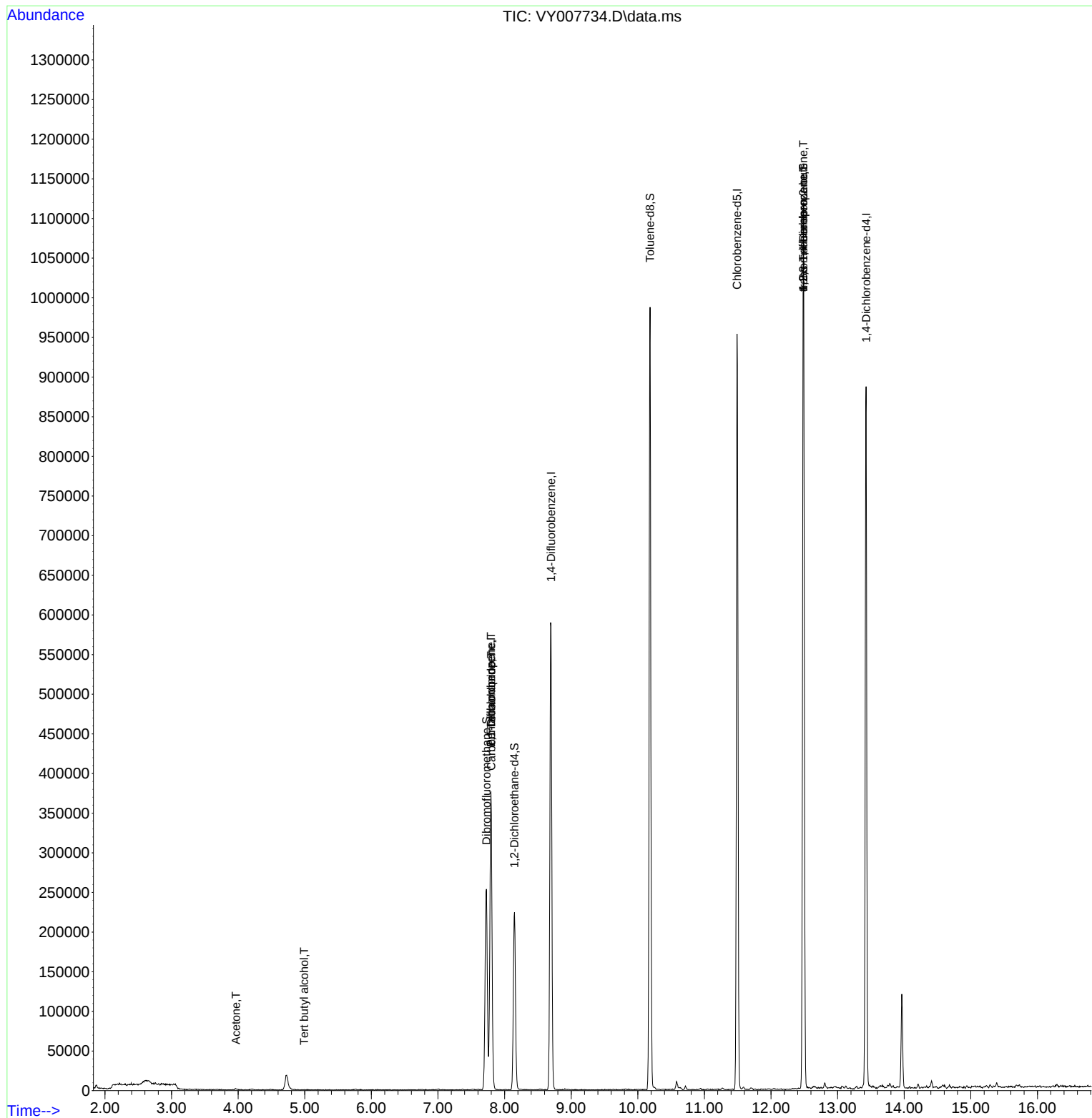
Internal Standards						
1) Pentafluorobenzene	7.795	168	297083	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	524519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	527423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	227433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	175289	56.360	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.720%	
35) Dibromofluoromethane	7.728	113	175337	52.286	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.580%	
50) Toluene-d8	10.185	98	655047	53.066	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.140%	
62) 4-Bromofluorobenzene	12.483	95	209033	52.533	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.060%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	166	Below Cal	#	43
3) Chloromethane	2.119	50	1016	Below Cal		99
11) Tert butyl alcohol	4.991	59	532	1.976 ug/l	#	90
13) Acrolein	3.747	56	85	Below Cal	#	14
16) Acetone	3.966	43	1018	1.609 ug/l		98
17) Carbon Disulfide	4.210	76	1868	Below Cal		97
18) Methyl Acetate	4.491	43	713	Below Cal	#	86
31) Cyclohexane	7.795	56	6520	Below Cal	#	24
36) 1,1-Dichloropropene	7.795	75	21891	4.150 ug/l	#	52
38) Carbon Tetrachloride	7.801	117	29440	5.232 ug/l	#	16
76) 1,2,3-Trichloropropane	12.483	75	122663	48.295 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	122663	98.732 ug/l	#	8

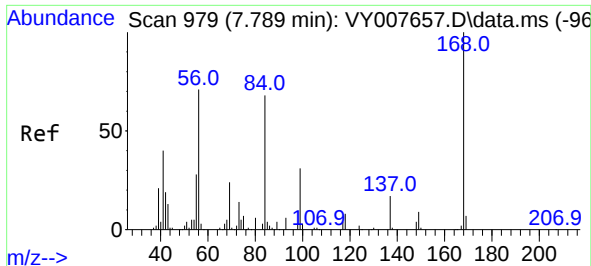
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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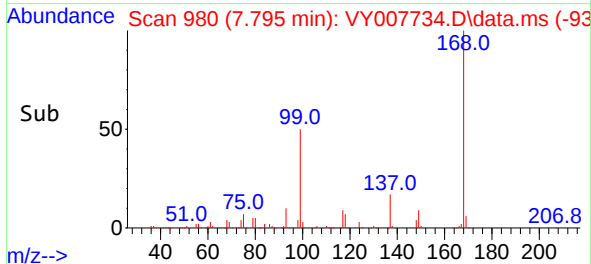
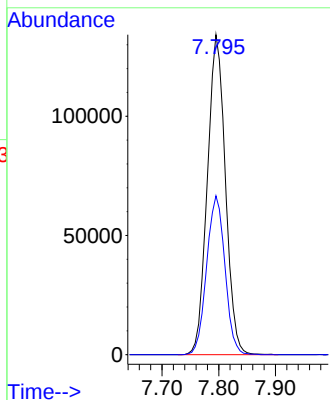
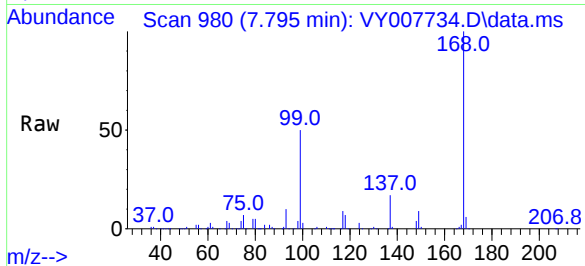




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007734.D
Acq: 04 Mar 2022 04:04

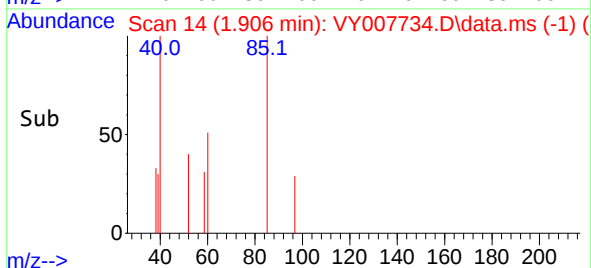
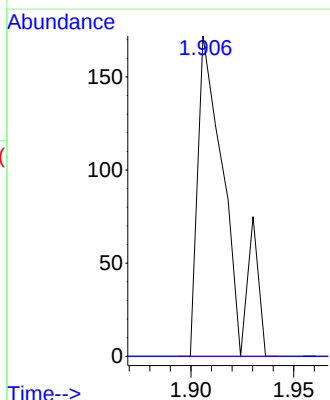
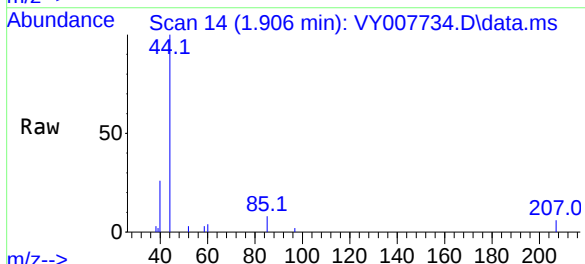
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MSVOA_Y
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25-26-SAMPLE-LOCATION-13

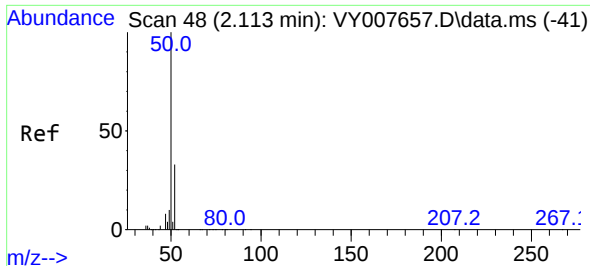
Tgt Ion:168 Resp: 297083
Ion Ratio Lower Upper
168 100
99 49.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007734.D
Acq: 04 Mar 2022 04:04

Tgt Ion: 85 Resp: 166
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

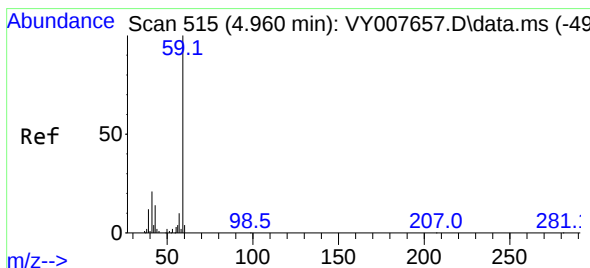
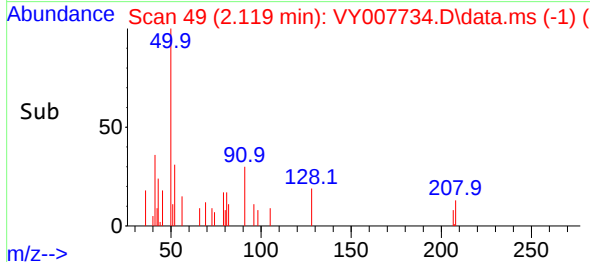
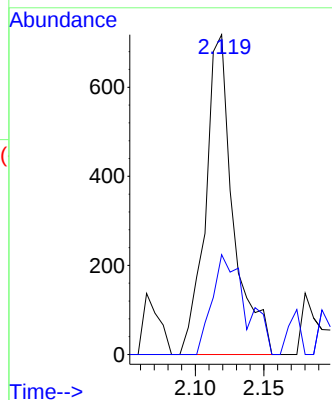
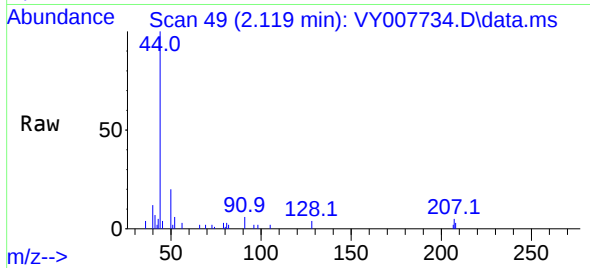




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007734.D
Acq: 04 Mar 2022 04:04

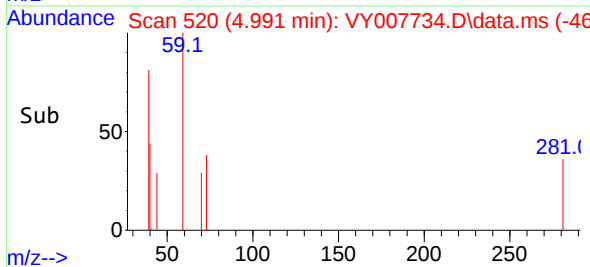
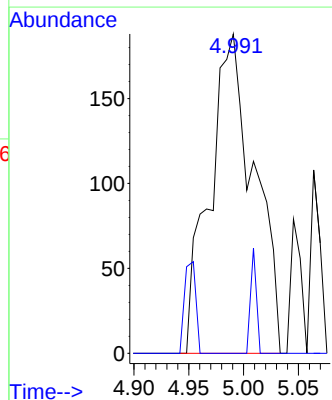
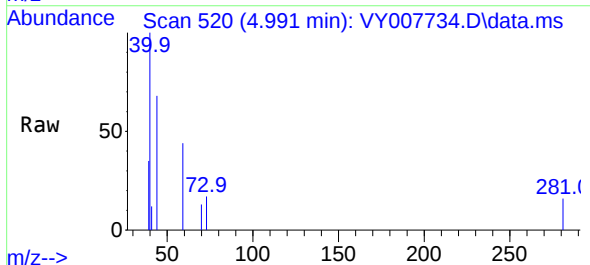
Instrument :
MSVOA_Y
ClientSampleId :
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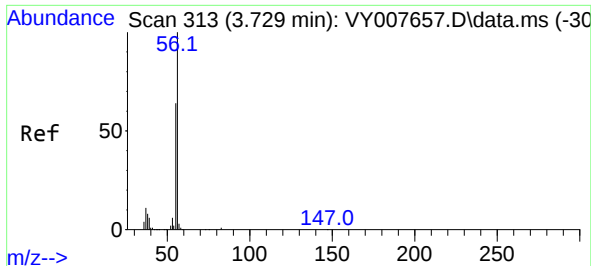
Tgt Ion: 50 Resp: 1016
Ion Ratio Lower Upper
50 100
52 31.2 24.6 37.0



#11
Tert butyl alcohol
Concen: 1.976 ug/l
RT: 4.991 min Scan# 520
Delta R.T. 0.031 min
Lab File: VY007734.D
Acq: 04 Mar 2022 04:04

Tgt Ion: 59 Resp: 532
Ion Ratio Lower Upper
59 100
57 4.3 6.4 9.6

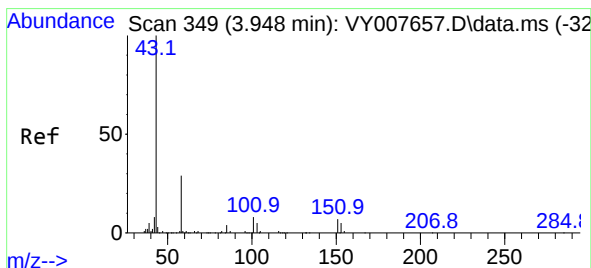
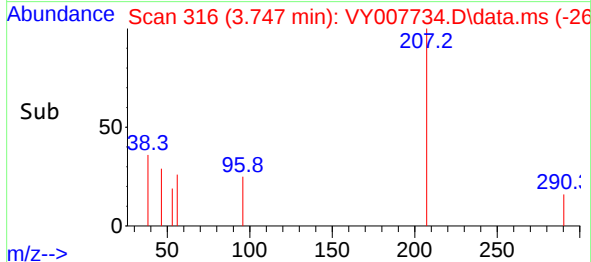
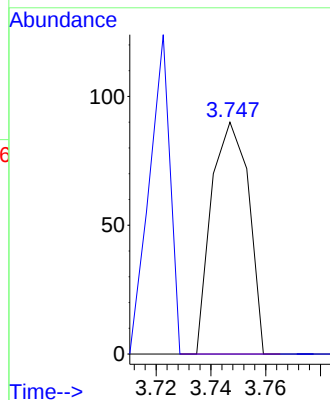
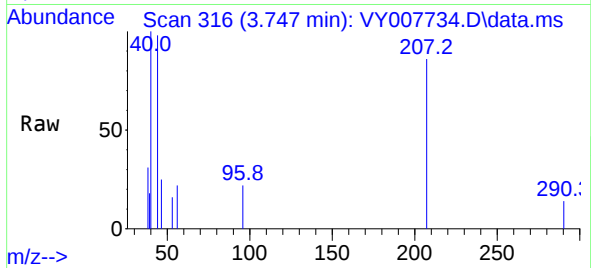




#13
Acrolein
Concen: Below Cal
RT: 3.747 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY007734.D
Acq: 04 Mar 2022 04:04

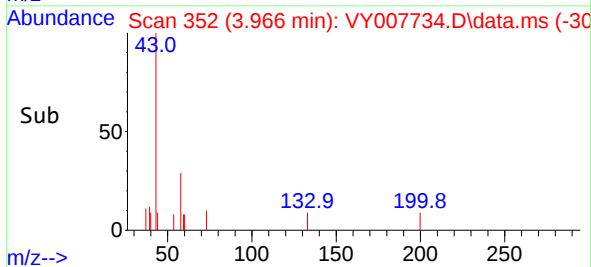
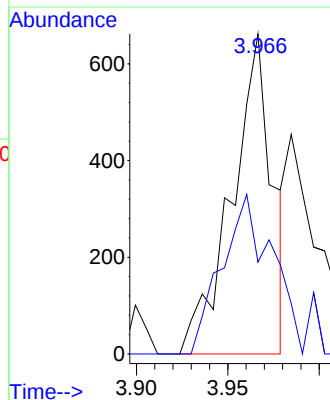
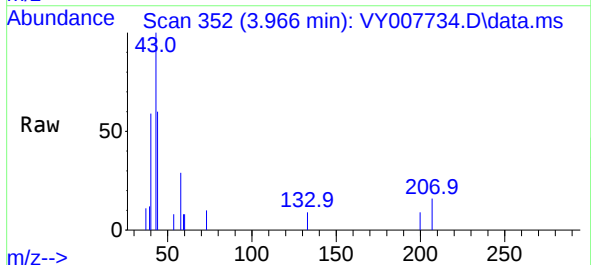
Instrument :
MSVOA_Y
ClientSampleId :
25-26-SAMPLE-LOCATION-13

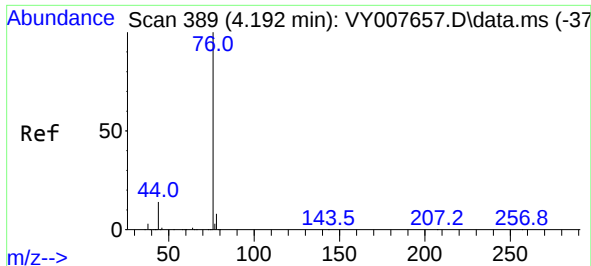
Tgt Ion: 56 Resp: 85
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 1.609 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.018 min
Lab File: VY007734.D
Acq: 04 Mar 2022 04:04

Tgt Ion: 43 Resp: 1018
Ion Ratio Lower Upper
43 100
58 28.7 22.0 33.0

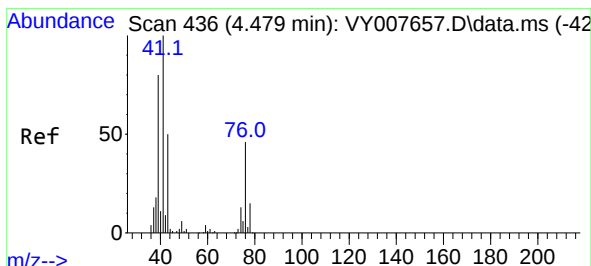
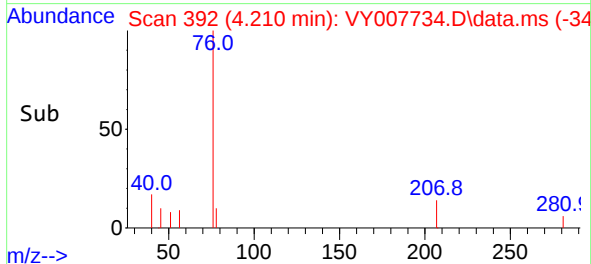
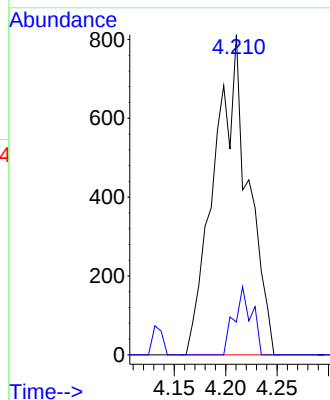
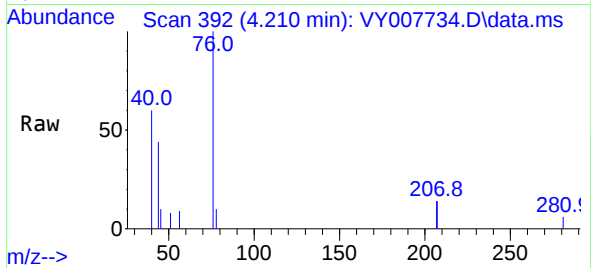




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.210 min Scan# 391
Delta R.T. 0.018 min
Lab File: VY007734.D
Acq: 04 Mar 2022 04:04

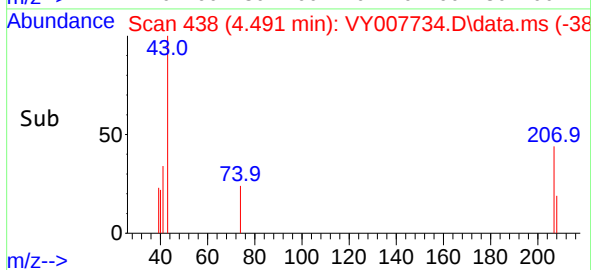
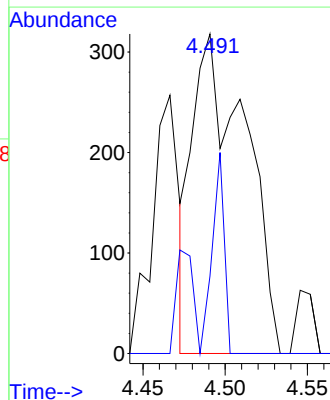
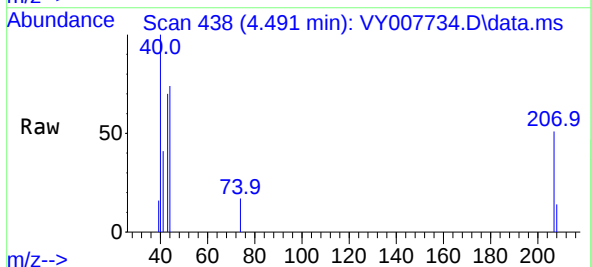
Instrument : MSVOA_Y
ClientSampleId : 25-26-SAMPLE-LOCATION-13

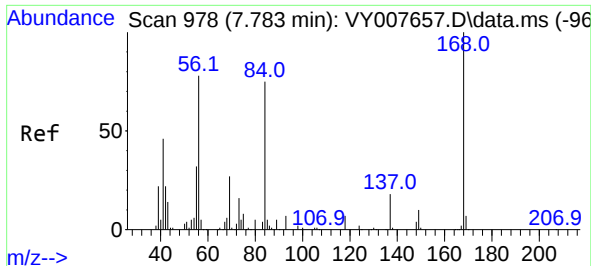
Tgt Ion: 76 Resp: 1868
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY007734.D
Acq: 04 Mar 2022 04:04

Tgt Ion: 43 Resp: 713
Ion Ratio Lower Upper
43 100
74 14.2 16.6 24.8#

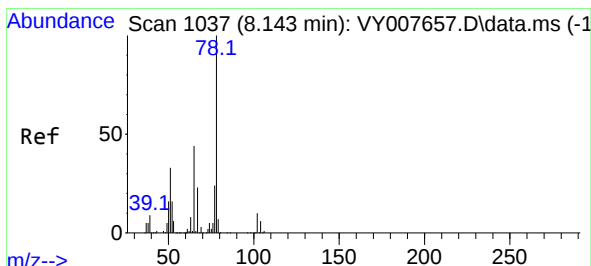
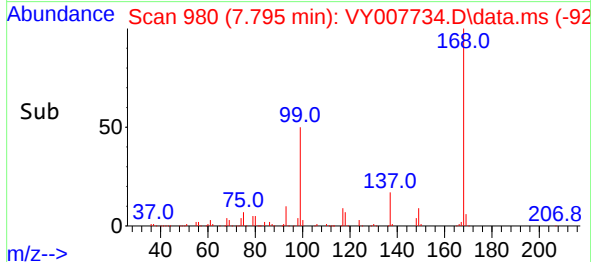
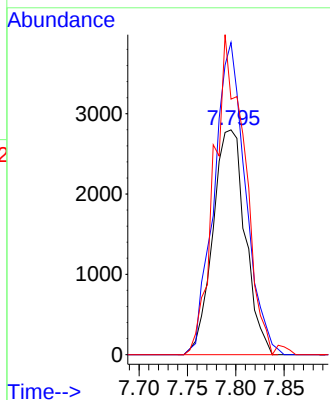
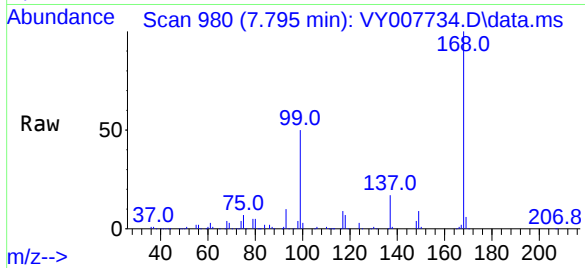




#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY007734.D
Acq: 04 Mar 2022 04:04

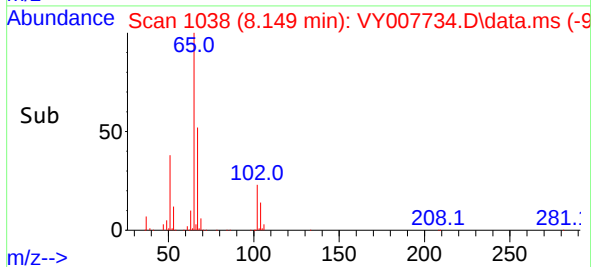
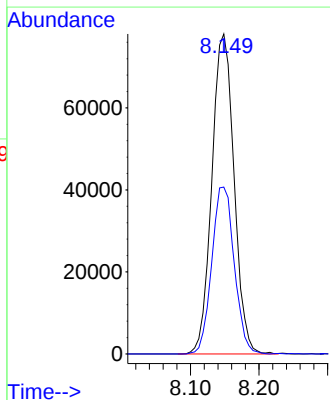
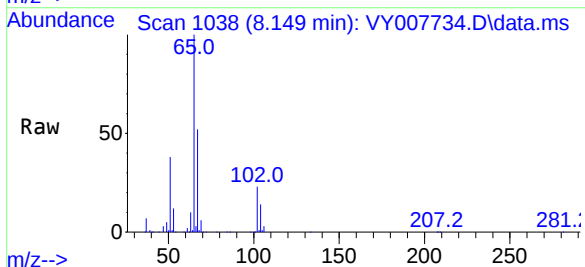
Instrument :
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ClientSampleId :
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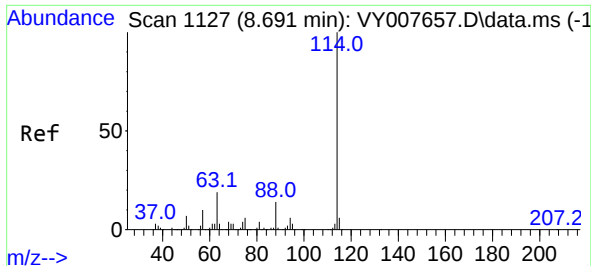
Tgt Ion: 56 Resp: 6520
Ion Ratio Lower Upper
56 100
69 138.9 26.7 40.1#
84 113.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 56.360 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007734.D
Acq: 04 Mar 2022 04:04

Tgt Ion: 65 Resp: 175289
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY007734.D

Acq: 04 Mar 2022 04:04

Instrument :

MSVOA_Y

ClientSampleId :

25-26-SAMPLE-LOCATION-13

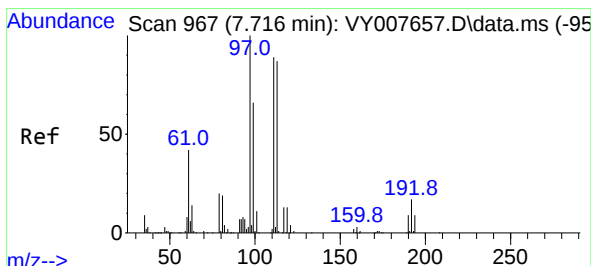
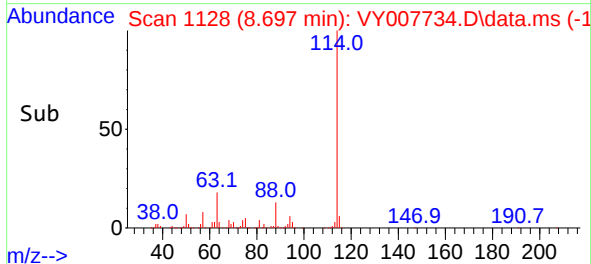
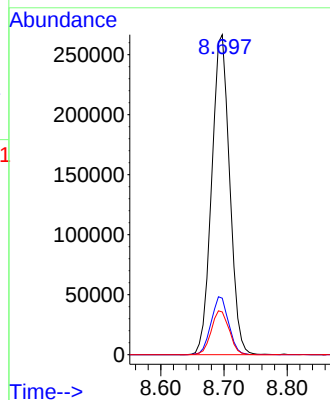
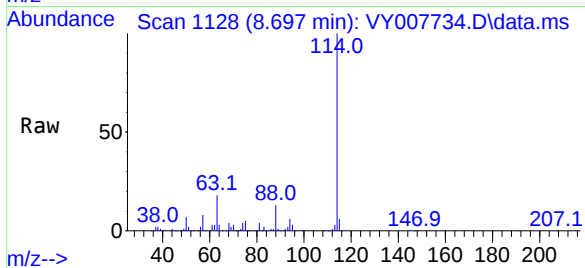
Tgt Ion:114 Resp: 524519

Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 13.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.286 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY007734.D

Acq: 04 Mar 2022 04:04

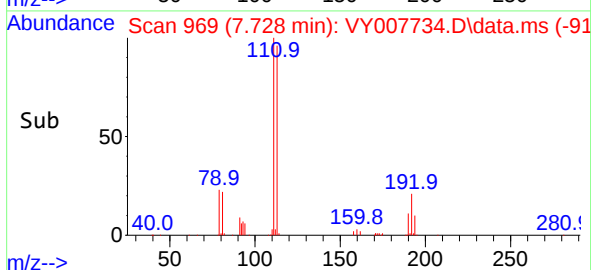
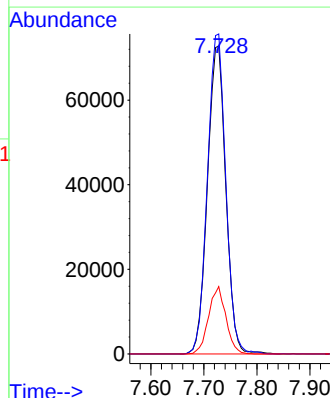
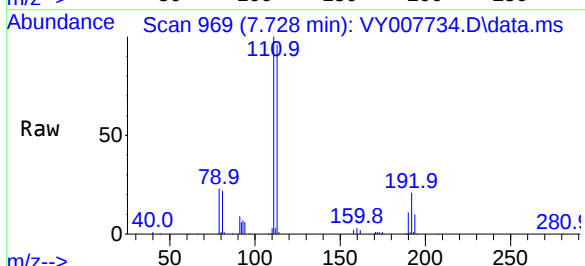
Tgt Ion:113 Resp: 175337

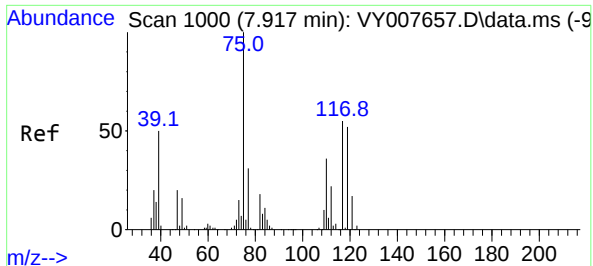
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 20.7 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.150 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.122 min

Lab File: VY007734.D

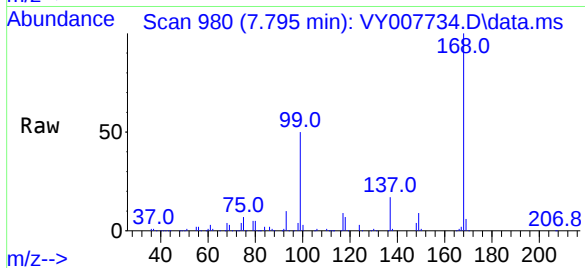
Acq: 04 Mar 2022 04:04

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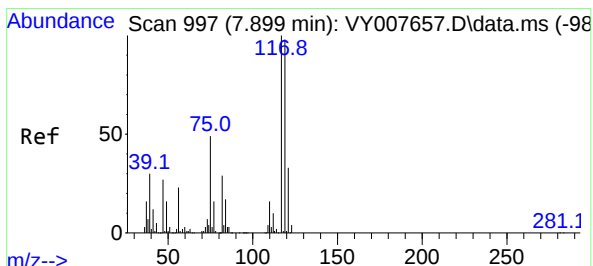
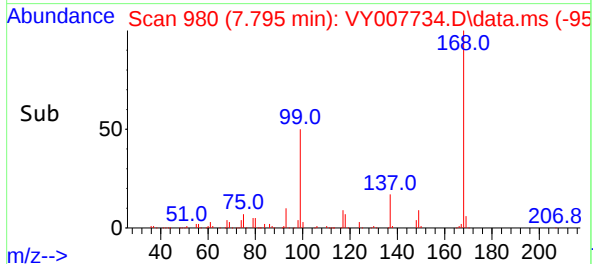
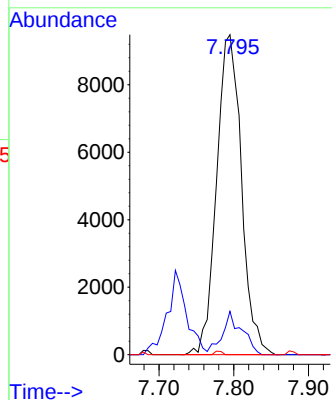
Tgt Ion: 75 Resp: 21891

Ion Ratio Lower Upper

75 100

110 10.7 17.1 51.2#

77 0.3 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.232 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.098 min

Lab File: VY007734.D

Acq: 04 Mar 2022 04:04

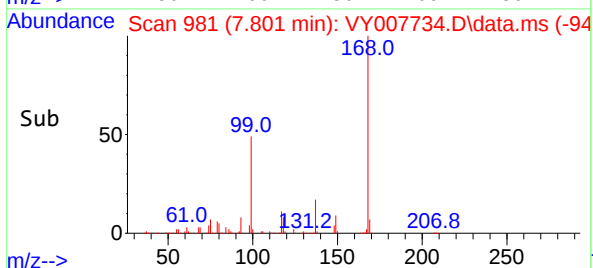
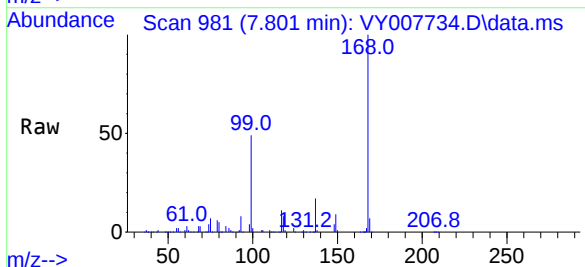
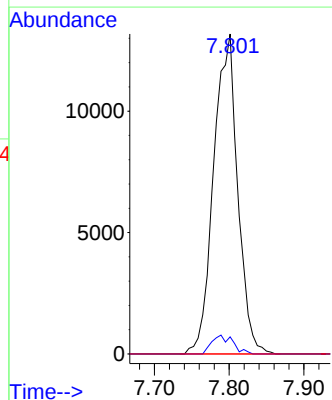
Tgt Ion: 117 Resp: 29440

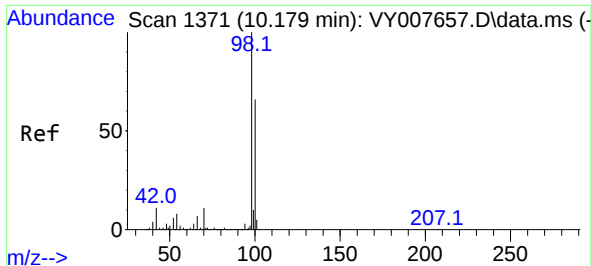
Ion Ratio Lower Upper

117 100

119 5.4 77.9 116.9#

121 0.0 24.8 37.2#

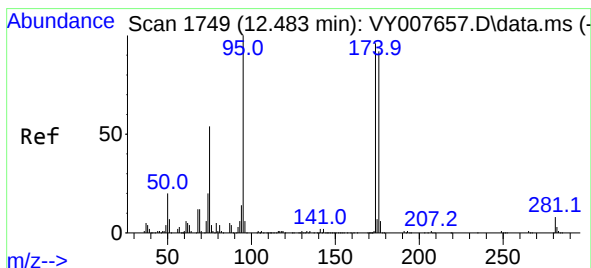
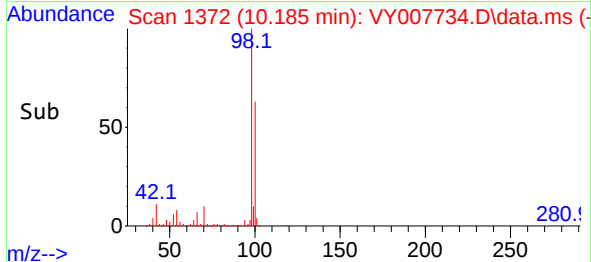
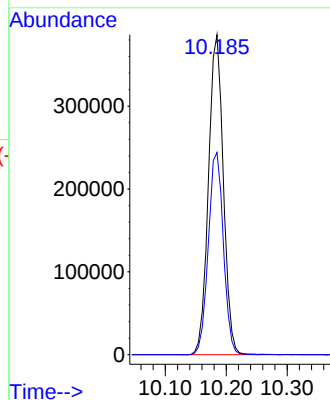
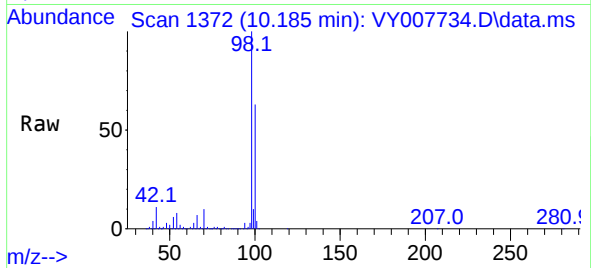




#50
Toluene-d8
Concen: 53.066 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007734.D
Acq: 04 Mar 2022 04:04

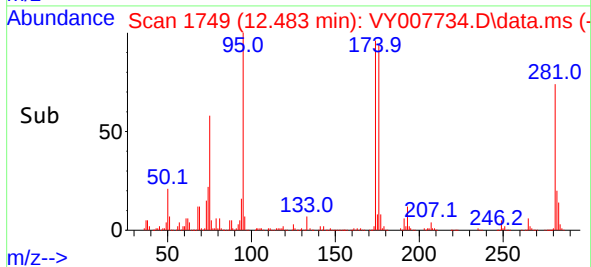
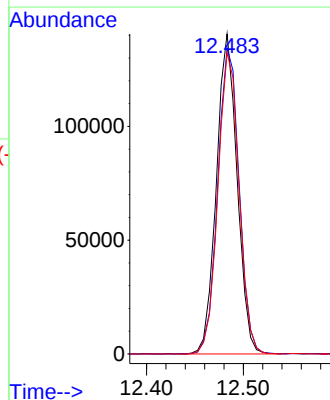
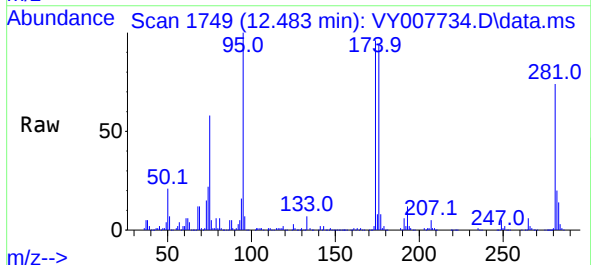
Instrument :
MSVOA_Y
ClientSampleId :
25-26-SAMPLE-LOCATION-13

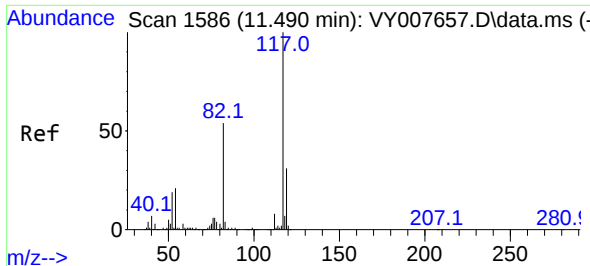
Tgt Ion: 98 Resp: 655047
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 52.533 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007734.D
Acq: 04 Mar 2022 04:04

Tgt Ion: 95 Resp: 209033
Ion Ratio Lower Upper
95 100
174 98.6 0.0 177.0
176 95.9 0.0 175.8

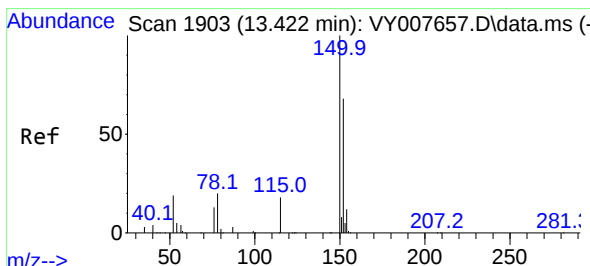
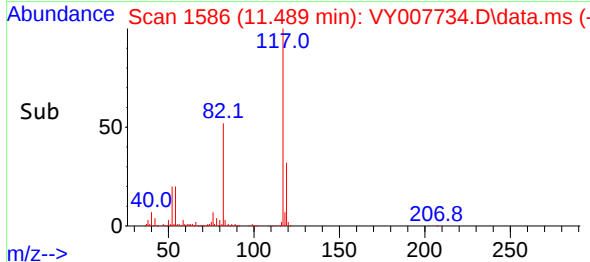
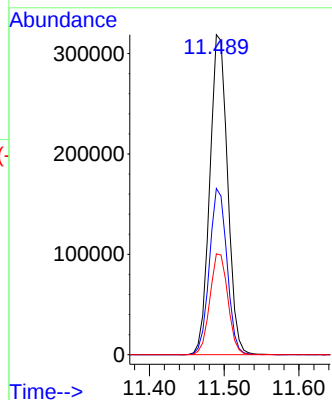
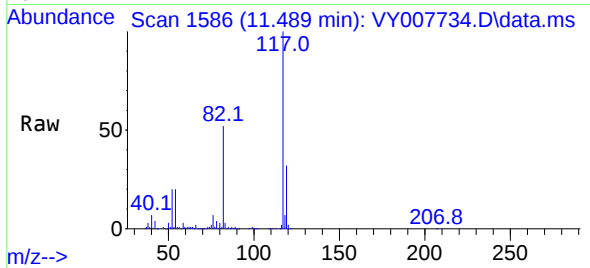




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11586
Delta R.T. -0.001 min
Lab File: VY007734.D
Acq: 04 Mar 2022 04:04

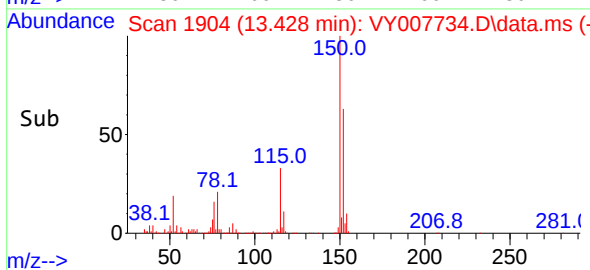
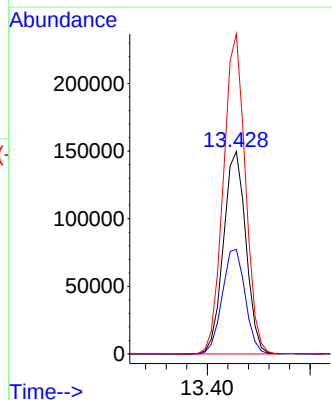
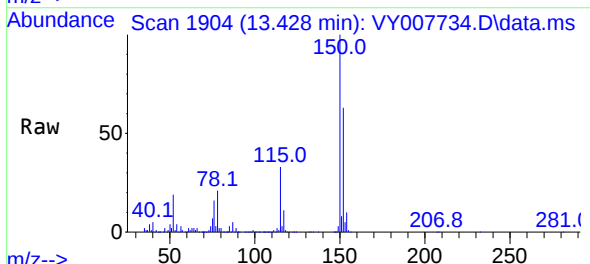
Instrument : MSVOA_Y
ClientSampleId : 25-26-SAMPLE-LOCATION-13

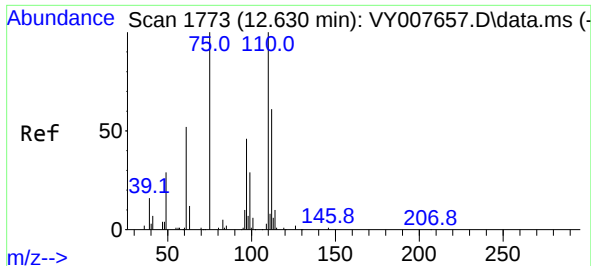
Tgt Ion:117 Resp: 527423
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007734.D
Acq: 04 Mar 2022 04:04

Tgt Ion:152 Resp: 227433
Ion Ratio Lower Upper
152 100
115 53.0 28.2 84.7
150 154.9 0.0 347.6

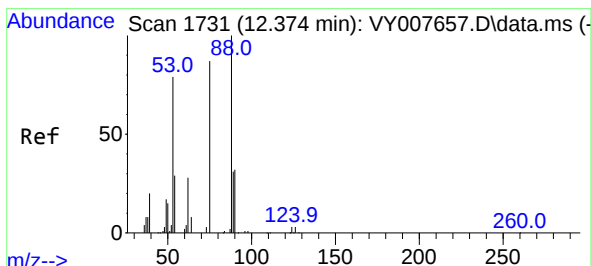
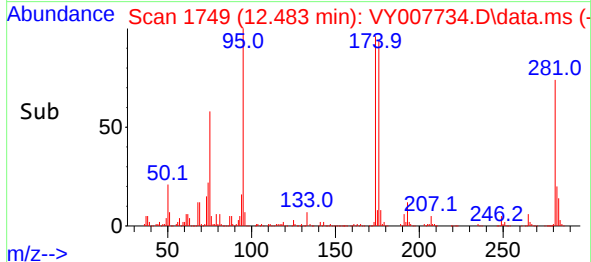
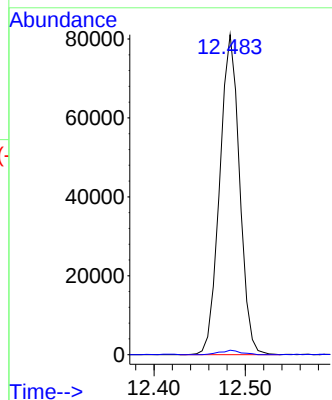
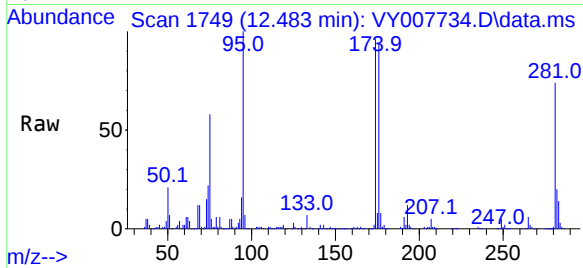




#76
1,2,3-Trichloropropane
Concen: 48.295 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007734.D
Acq: 04 Mar 2022 04:04

Instrument : MSVOA_Y
ClientSampleId : 25-26-SAMPLE-LOCATION-13

Tgt Ion: 75 Resp: 122663
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.732 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007734.D
Acq: 04 Mar 2022 04:04

Tgt Ion: 75 Resp: 122663
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 1.1 37.0 55.4#

