

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082421\
 Data File : VY005824.D
 Acq On : 24 Aug 2021 16:44
 Operator : SY/MD
 Sample : M3510-01RE
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-02-082021RE

Quant Time: Aug 25 04:30:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

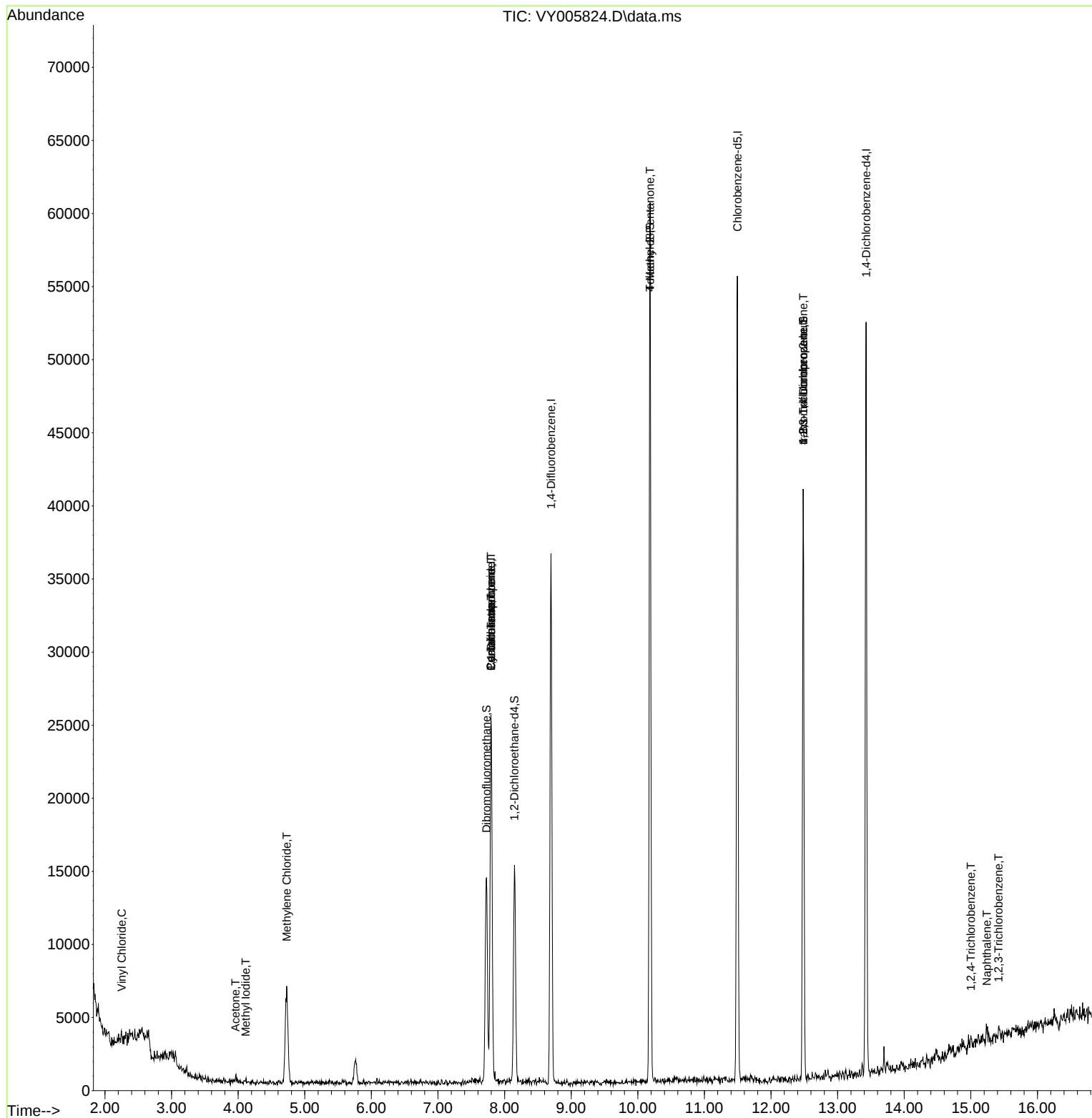
Internal Standards						
1) Pentafluorobenzene	7.795	168	20351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	30782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	29734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	13621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	12442	60.397	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.800%			
35) Dibromofluoromethane	7.728	113	9628	55.866	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.740%			
50) Toluene-d8	10.185	98	38495	53.259	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.520%			
62) 4-Bromofluorobenzene	12.483	95	11651	48.678	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.360%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.253	62	324	1.355	ug/l #	42
10) Methyl Iodide	4.113	142	277	1.280	ug/l #	56
16) Acetone	3.960	43	495	9.531	ug/l	94
20) Methylene Chloride	4.729	84	4713	19.152	ug/l	98
31) Cyclohexane	7.795	56	401	1.135	ug/l #	31
36) 1,1-Dichloropropene	7.795	75	1412	4.891	ug/l #	43
38) Carbon Tetrachloride	7.795	117	1886	6.010	ug/l #	19
51) 4-Methyl-2-Pentanone	10.185	43	182	1.044	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	6211	44.002	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	6211	88.702	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.001	180	333	1.204	ug/l	93
95) Naphthalene	15.239	128	802	1.471	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.416	180	340	1.388	ug/l #	87

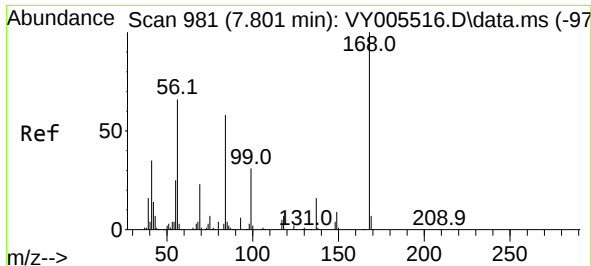
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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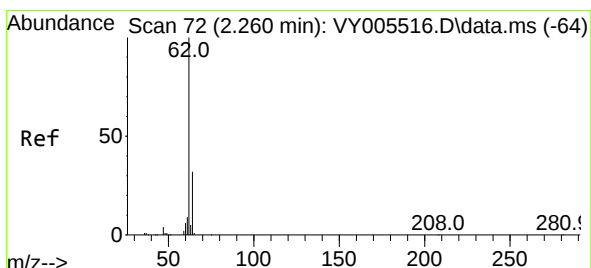
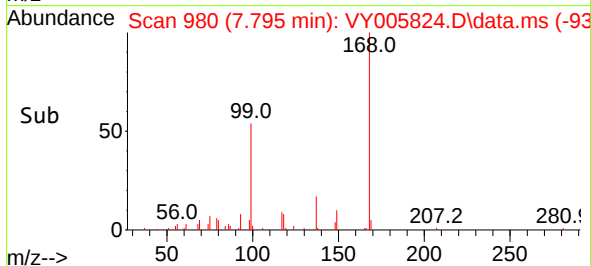
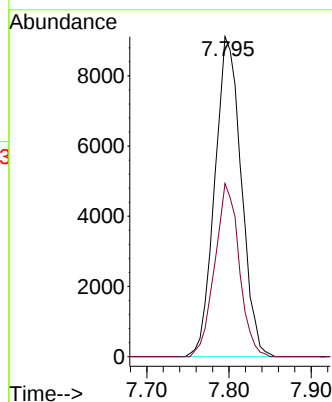
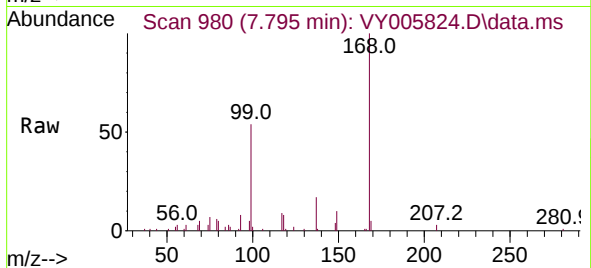




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005824.D
Acq: 24 Aug 2021 16:44

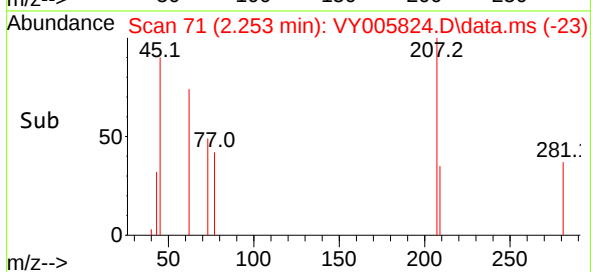
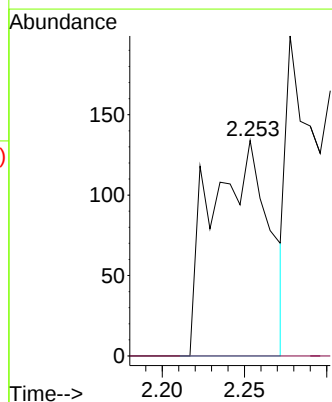
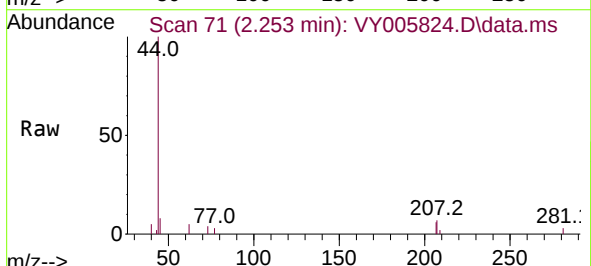
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-082021RE

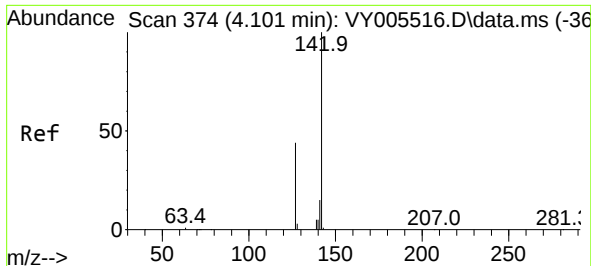
Tgt Ion:168 Resp: 20351
Ion Ratio Lower Upper
168 100
99 54.1 38.9 58.3



#4
Vinyl Chloride
Concen: 1.355 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY005824.D
Acq: 24 Aug 2021 16:44

Tgt Ion: 62 Resp: 324
Ion Ratio Lower Upper
62 100
64 0.0 25.9 38.9#

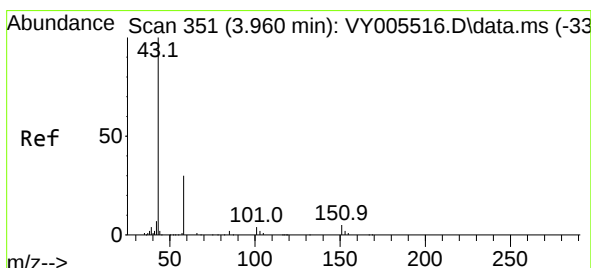
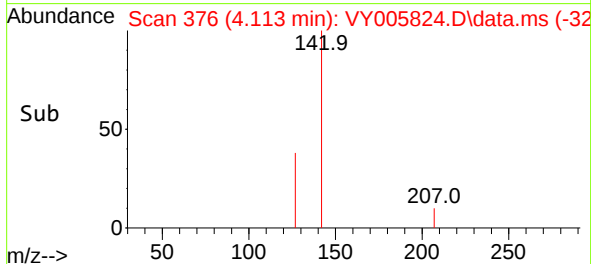
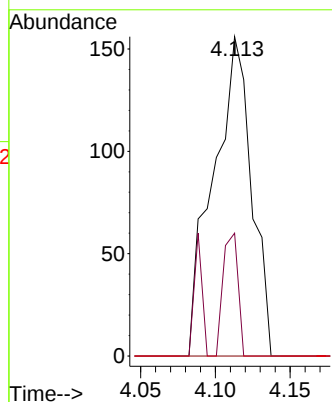
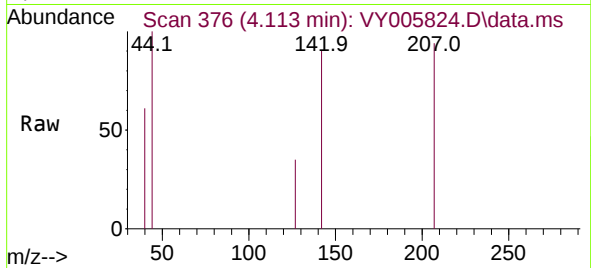




#10
Methyl Iodide
Concen: 1.280 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY005824.D
Acq: 24 Aug 2021 16:44

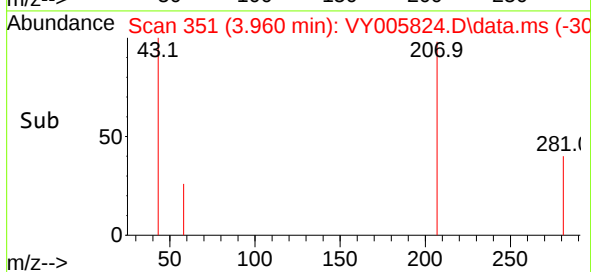
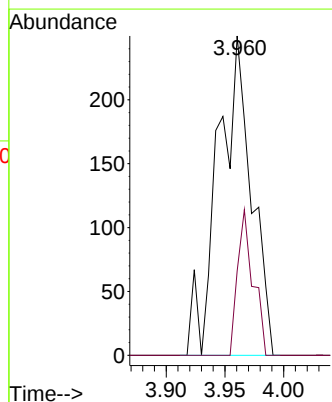
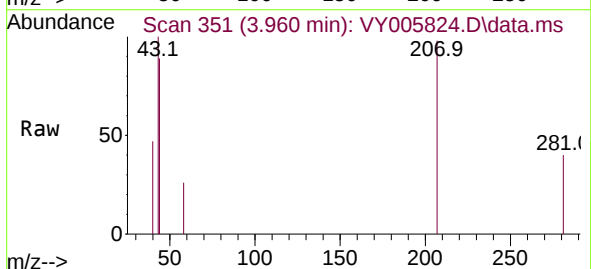
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-082021RE

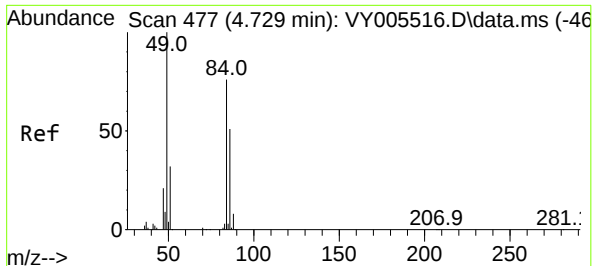
Tgt Ion:142 Resp: 277
Ion Ratio Lower Upper
142 100
127 15.2 36.6 54.8#
141 0.0 12.2 18.4#



#16
Acetone
Concen: 9.531 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005824.D
Acq: 24 Aug 2021 16:44

Tgt Ion: 43 Resp: 495
Ion Ratio Lower Upper
43 100
58 26.4 23.8 35.6





#20

Methylene Chloride

Concen: 19.152 ug/l

RT: 4.729 min Scan# 477

Delta R.T. -0.000 min

Lab File: VY005824.D

Acq: 24 Aug 2021 16:44

Instrument :

MSVOA_Y

ClientSampleId :

SU-02-082021RE

Tgt Ion: 84 Resp: 4713

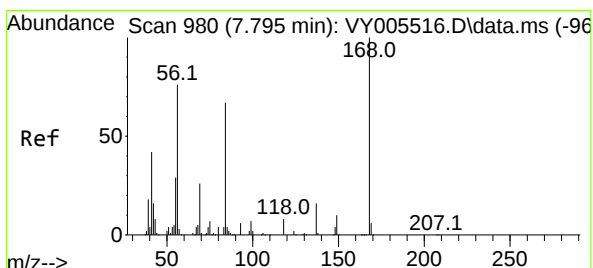
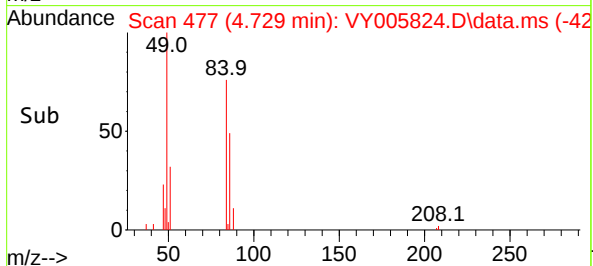
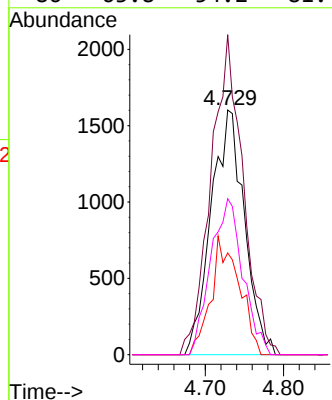
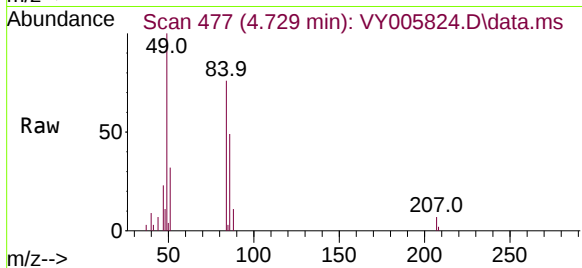
Ion Ratio Lower Upper

84 100

49 130.8 105.8 158.6

51 41.6 33.4 50.2

86 63.8 54.2 81.4



#31

Cyclohexane

Concen: 1.135 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.000 min

Lab File: VY005824.D

Acq: 24 Aug 2021 16:44

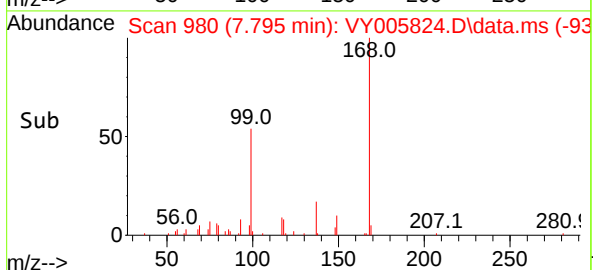
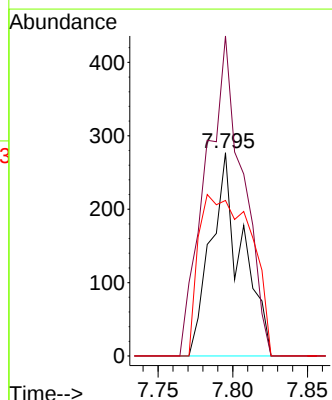
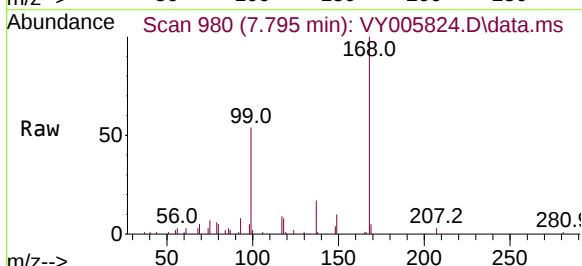
Tgt Ion: 56 Resp: 401

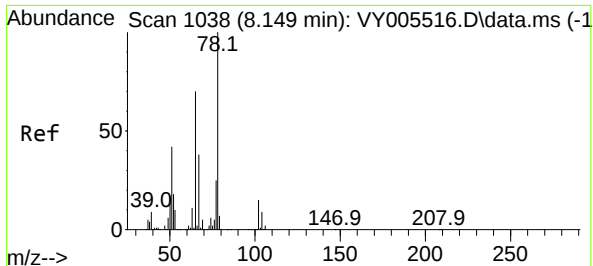
Ion Ratio Lower Upper

56 100

69 157.4 27.7 41.5#

84 76.5 70.9 106.3

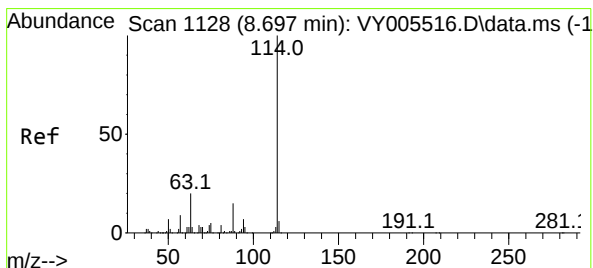
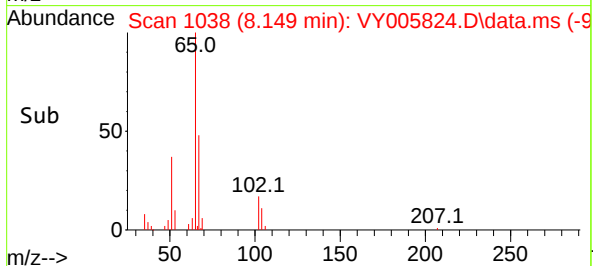
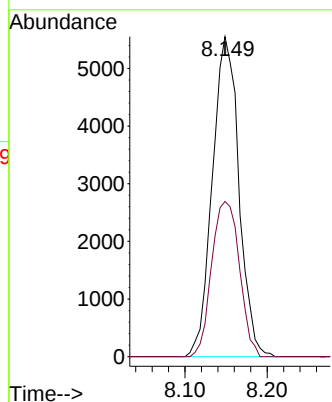
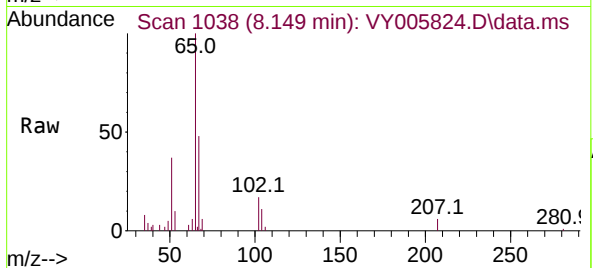




#33
1,2-Dichloroethane-d4
Concen: 60.397 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005824.D
Acq: 24 Aug 2021 16:44

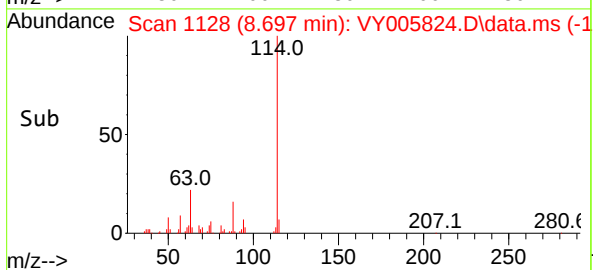
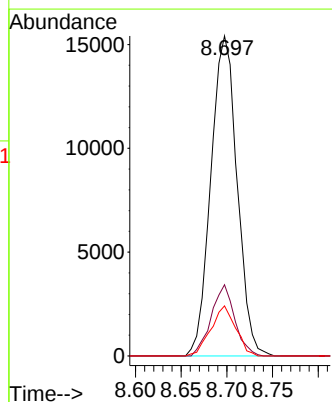
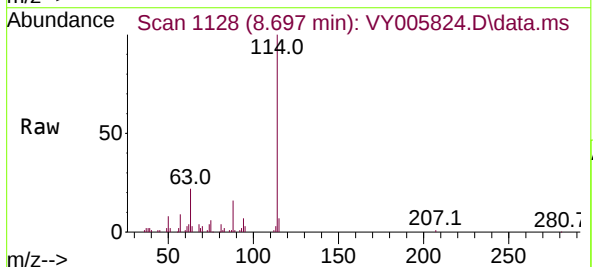
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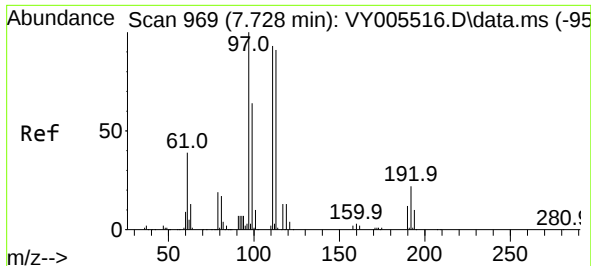
Tgt Ion: 65 Resp: 12442
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005824.D
Acq: 24 Aug 2021 16:44

Tgt Ion: 114 Resp: 30782
Ion Ratio Lower Upper
114 100
63 22.2 0.0 39.2
88 15.6 0.0 30.8

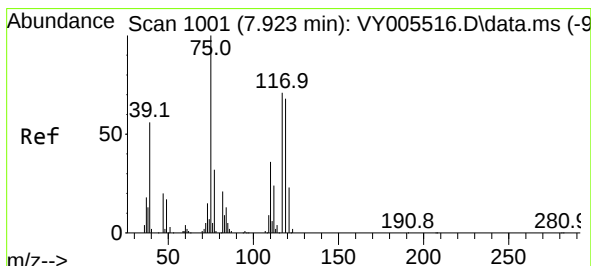
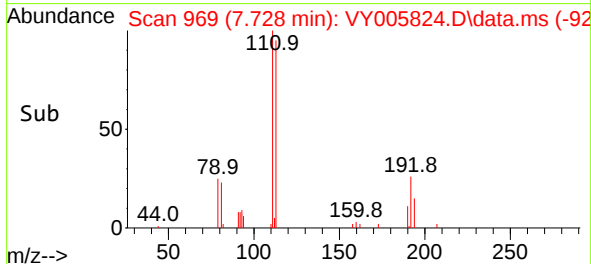
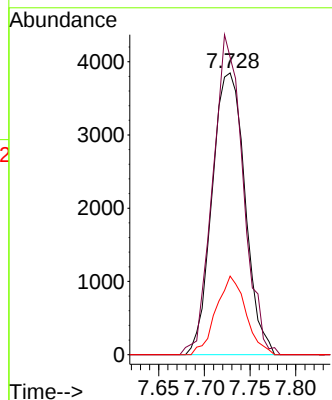
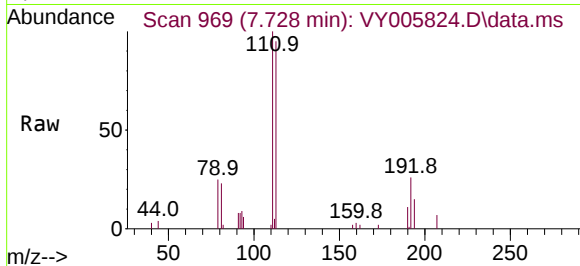




#35
Dibromofluoromethane
Concen: 55.866 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005824.D
Acq: 24 Aug 2021 16:44

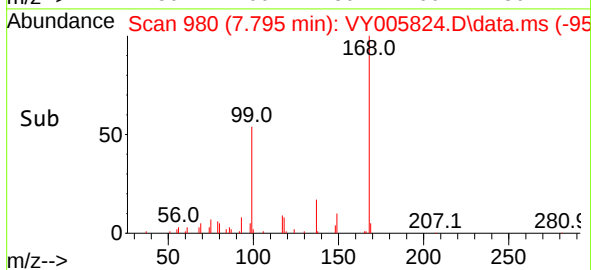
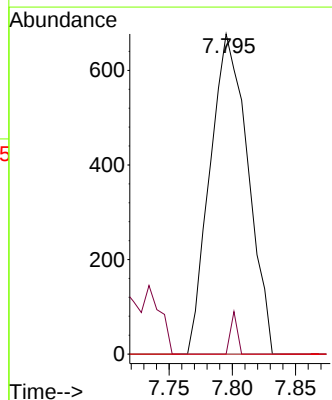
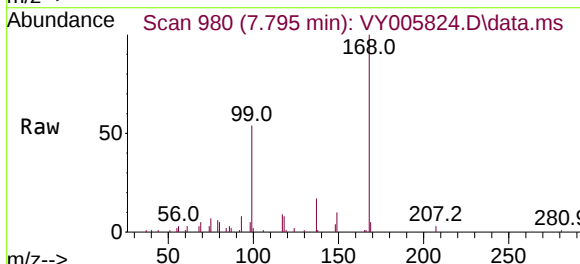
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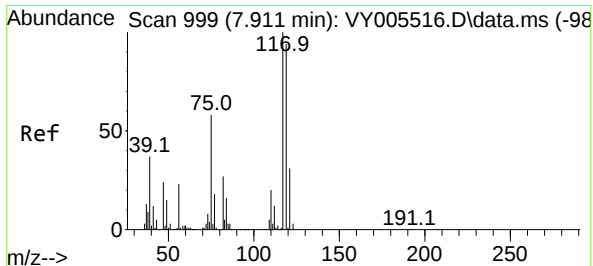
Tgt Ion:113 Resp: 9628
Ion Ratio Lower Upper
113 100
111 104.5 81.9 122.9
192 25.3 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.891 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005824.D
Acq: 24 Aug 2021 16:44

Tgt Ion: 75 Resp: 1412
Ion Ratio Lower Upper
75 100
110 2.3 18.1 54.1#
77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 6.010 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.116 min

Lab File: VY005824.D

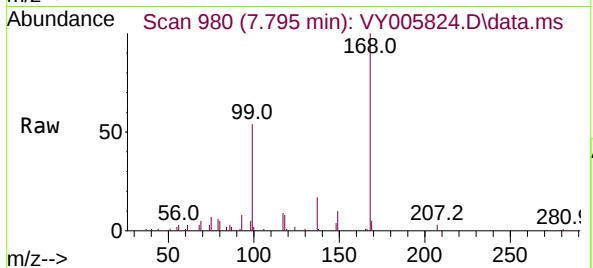
Acq: 24 Aug 2021 16:44

Instrument :

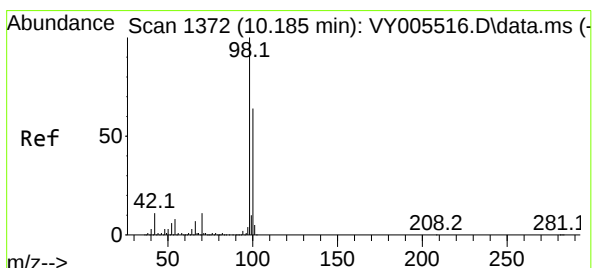
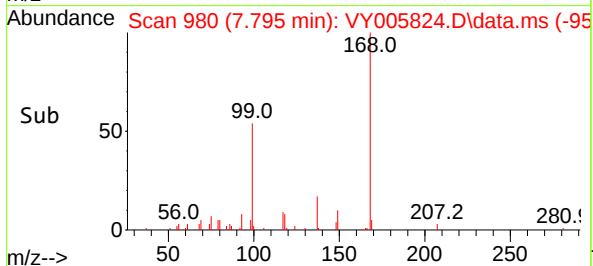
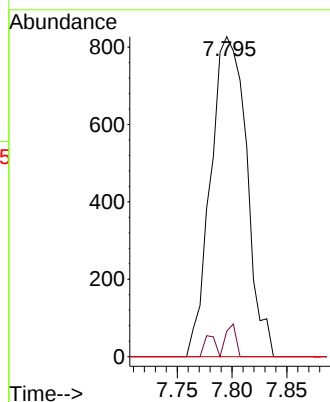
MSVOA_Y

ClientSampleId :

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Tgt Ion:	117	Resp:	1886
Ion	Ratio	Lower	Upper
117	100		
119	8.0	75.4	113.0#
121	0.0	25.1	37.7#



#50

Toluene-d8

Concen: 53.259 ug/l

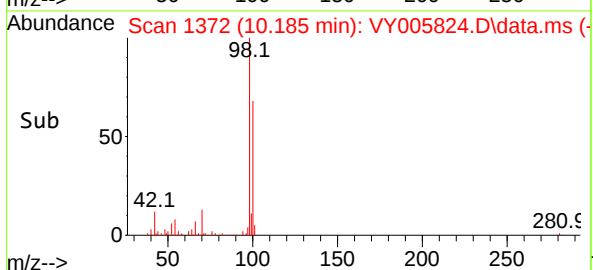
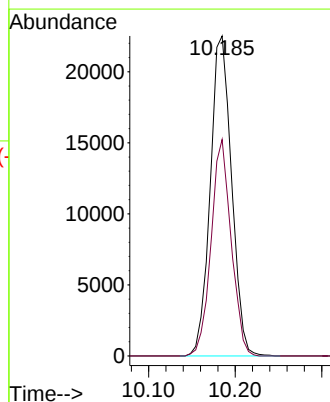
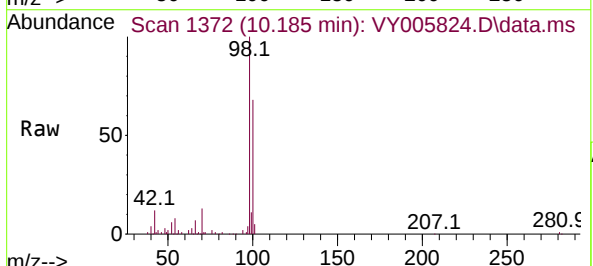
RT: 10.185 min Scan# 1372

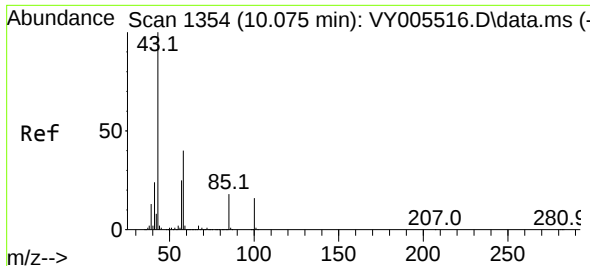
Delta R.T. 0.000 min

Lab File: VY005824.D

Acq: 24 Aug 2021 16:44

Tgt Ion:	98	Resp:	38495
Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.3	76.9

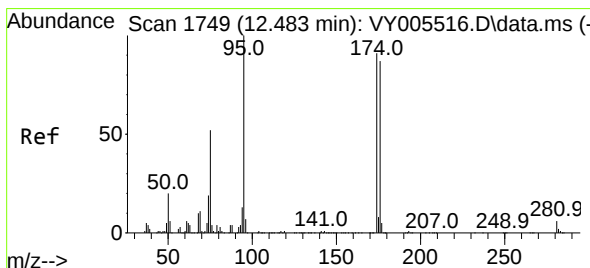
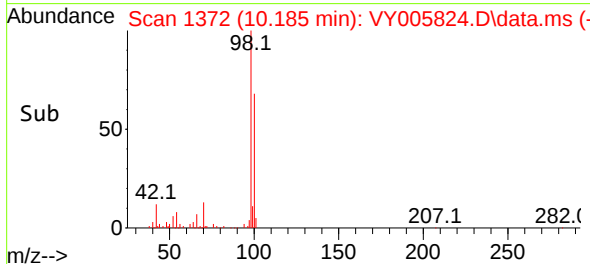
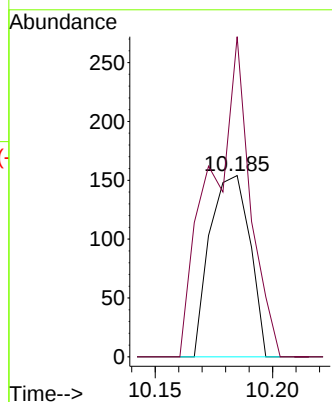
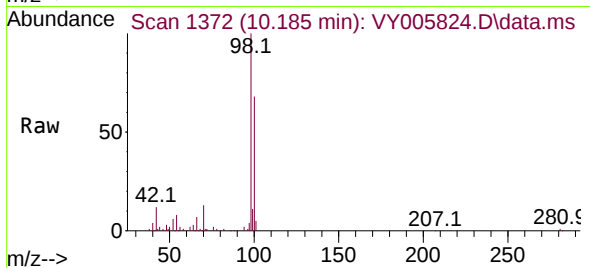




#51
4-Methyl-2-Pentanone
Concen: 1.044 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005824.D
Acq: 24 Aug 2021 16:44

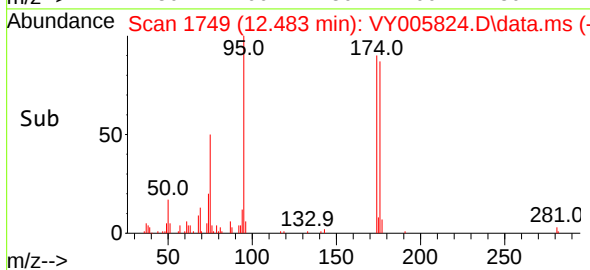
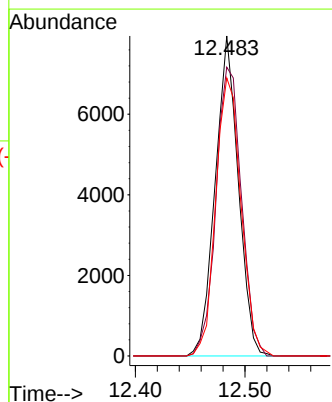
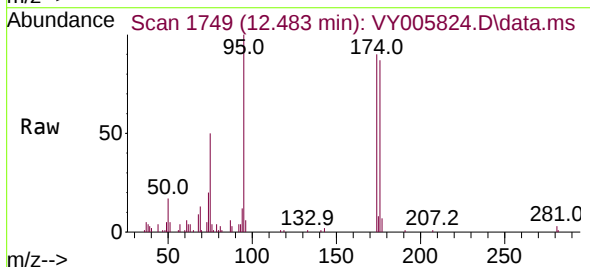
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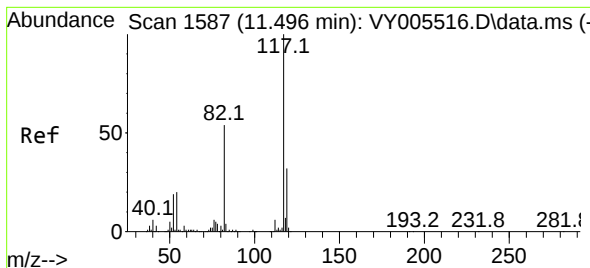
Tgt Ion: 43 Resp: 182
Ion Ratio Lower Upper
43 100
58 171.4 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 48.678 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005824.D
Acq: 24 Aug 2021 16:44

Tgt Ion: 95 Resp: 11651
Ion Ratio Lower Upper
95 100
174 99.0 0.0 191.4
176 94.9 0.0 183.6

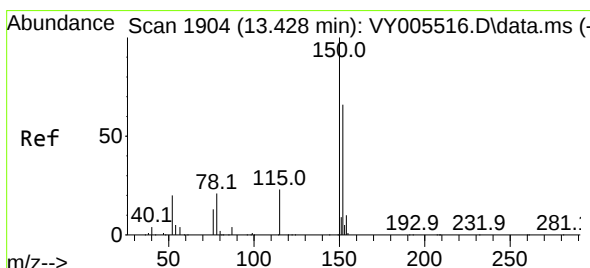
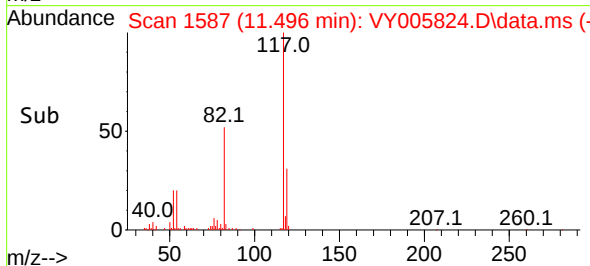
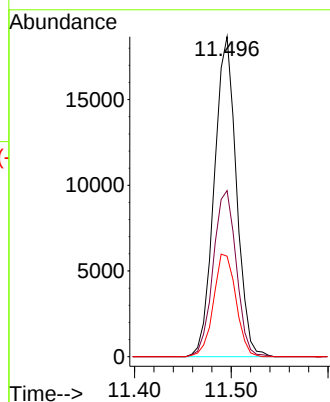
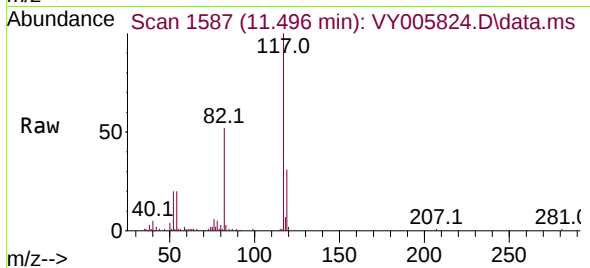




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005824.D
Acq: 24 Aug 2021 16:44

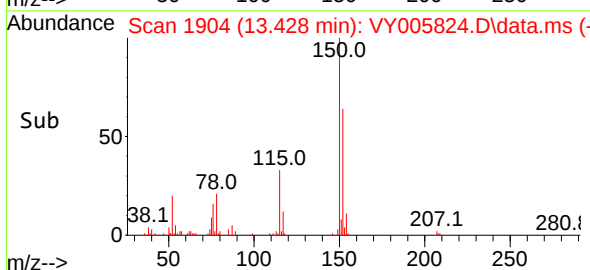
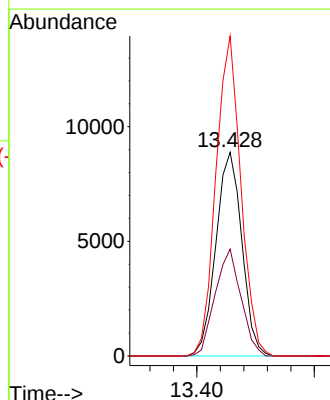
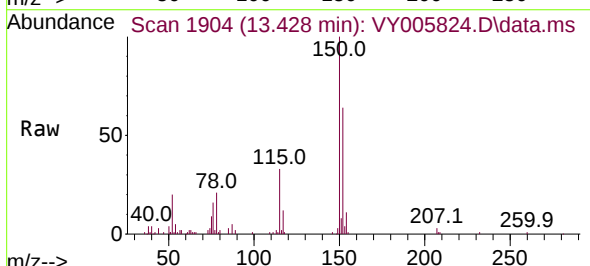
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-082021RE

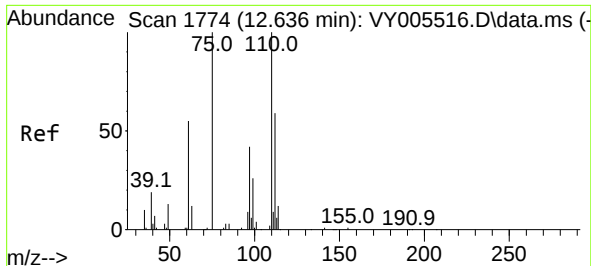
Tgt Ion:	117	Resp:	29734
Ion	Ratio	Lower	Upper
117	100		
82	51.9	43.5	65.3
119	31.4	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005824.D
Acq: 24 Aug 2021 16:44

Tgt Ion:	152	Resp:	13621
Ion	Ratio	Lower	Upper
152	100		
115	52.3	27.3	81.9
150	150.9	0.0	350.2

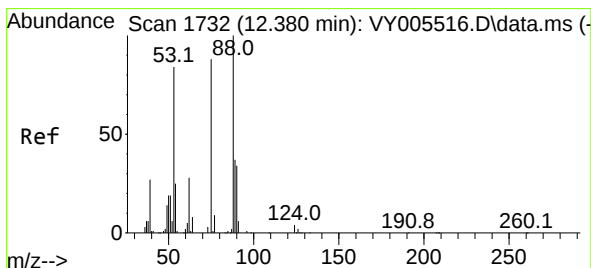
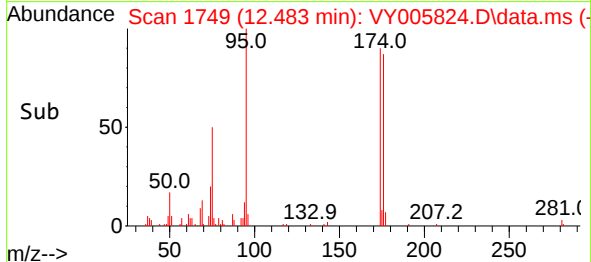
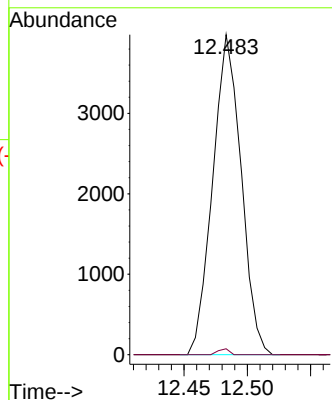
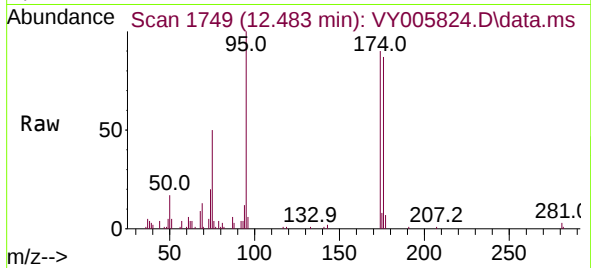




#76
1,2,3-Trichloropropane
Concen: 44.002 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005824.D
Acq: 24 Aug 2021 16:44

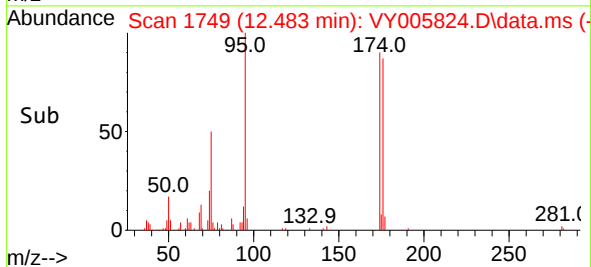
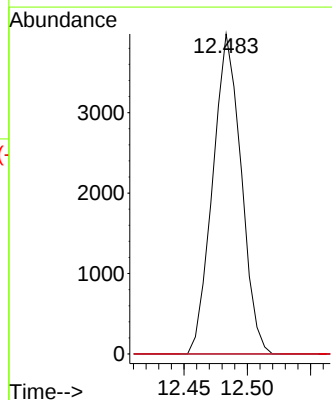
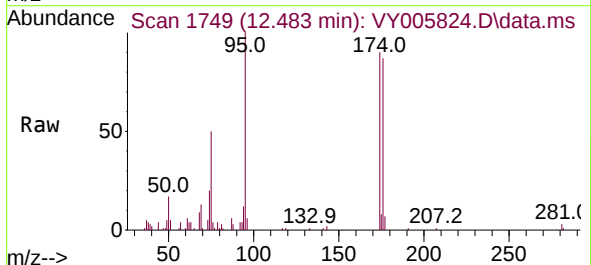
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-082021RE

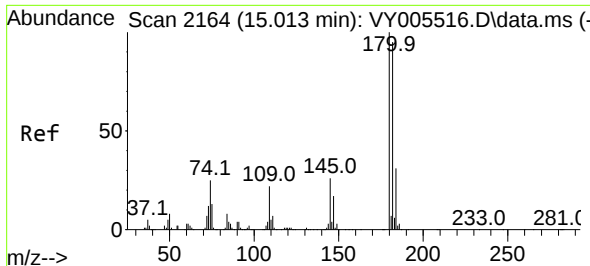
Tgt Ion: 75 Resp: 6211
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.702 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005824.D
Acq: 24 Aug 2021 16:44

Tgt Ion: 75 Resp: 6211
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

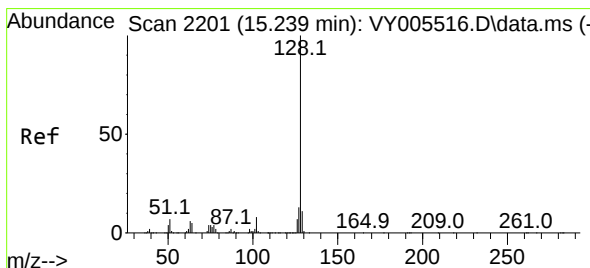
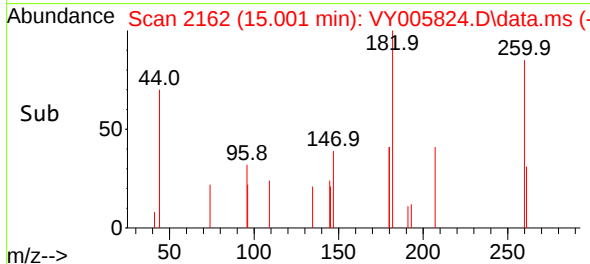
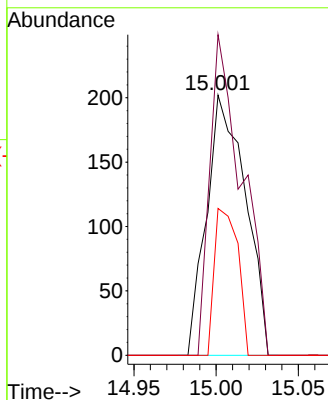
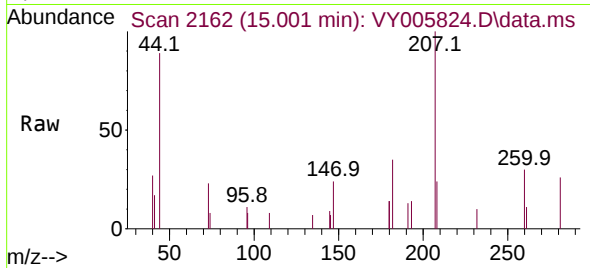




#93
1,2,4-Trichlorobenzene
Concen: 1.204 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.012 min
Lab File: VY005824.D
Acq: 24 Aug 2021 16:44

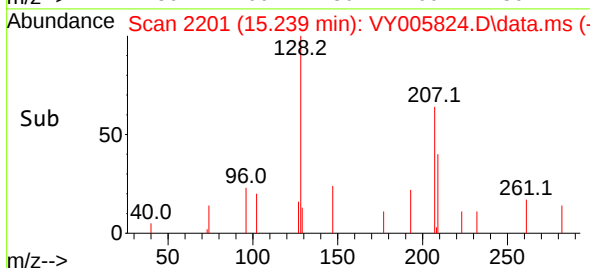
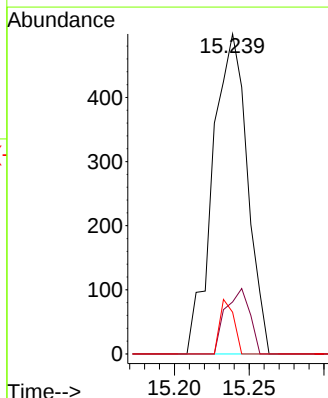
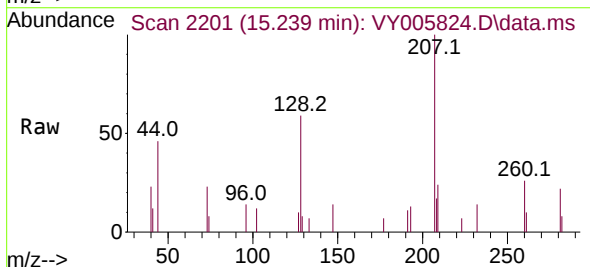
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-082021RE

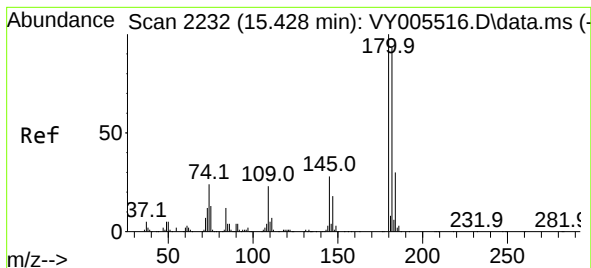
Tgt Ion:180 Resp: 333
Ion Ratio Lower Upper
180 100
182 101.8 47.8 143.4
145 33.9 14.0 42.0



#95
Naphthalene
Concen: 1.471 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY005824.D
Acq: 24 Aug 2021 16:44

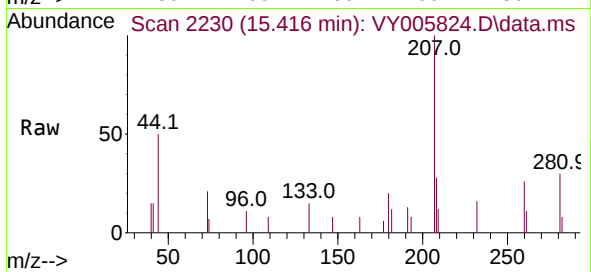
Tgt Ion:128 Resp: 802
Ion Ratio Lower Upper
128 100
127 14.2 10.6 15.8
129 6.9 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.388 ug/l
 RT: 15.416 min Scan# 2230
 Delta R.T. -0.012 min
 Lab File: VY005824.D
 Acq: 24 Aug 2021 16:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-02-082021RE



Tgt Ion:180	Resp:	340
Ion Ratio	Lower	Upper
180	100	
182	90.0	47.9 143.6
145	8.8	14.6 44.0#

