

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082521\
 Data File : VY005845.D
 Acq On : 25 Aug 2021 17:12
 Operator : SY/MD
 Sample : M3528-01
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-3-082421RE

Quant Time: Aug 26 03:38:38 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)

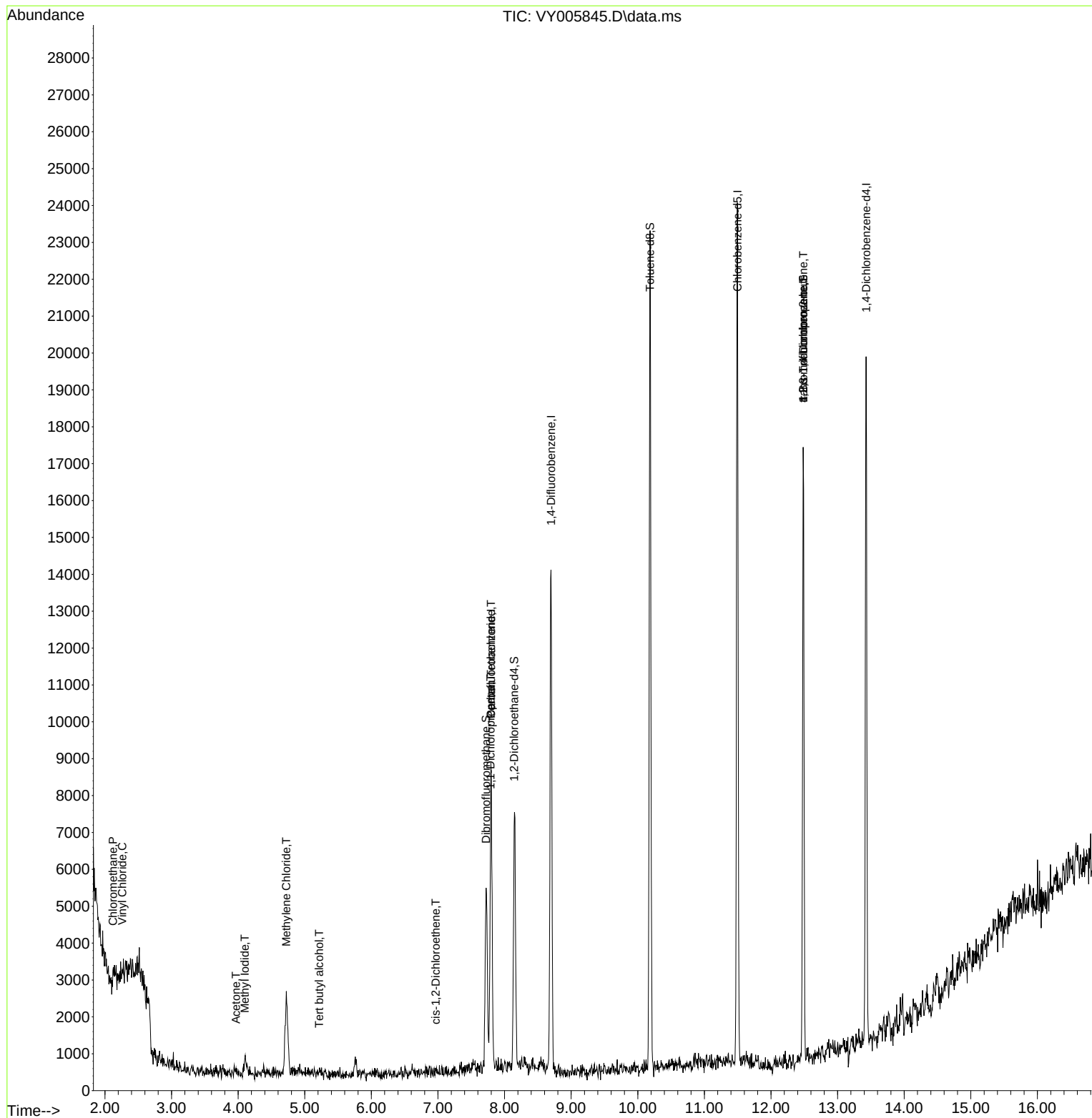
Internal Standards						
1) Pentafluorobenzene	7.795	168	6545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	12183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	12903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	5736	86.579	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 173.160%#	
35) Dibromofluoromethane	7.722	113	3484	51.078	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.160%	
50) Toluene-d8	10.185	98	15086	52.736	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.480%	
62) 4-Bromofluorobenzene	12.483	95	4810	50.775	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.560%	
Target Compounds						
						Qvalue
3) Chloromethane	2.119	50	70	1.090	ug/l #	71
4) Vinyl Chloride	2.260	62	98	1.274	ug/l #	42
10) Methyl Iodide	4.101	142	722	10.375	ug/l #	79
11) Tert butyl alcohol	5.216	59	26	3.970	ug/l #	73
16) Acetone	3.967	43	115	6.885	ug/l #	45
20) Methylene Chloride	4.723	84	1501	18.899	ug/l	84
27) cis-1,2-Dichloroethene	6.966	96	82	1.143	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	520	4.551	ug/l #	41
38) Carbon Tetrachloride	7.795	117	622	5.008	ug/l #	13
76) 1,2,3-Trichloropropane	12.483	75	2551	47.005	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2551	94.757	ug/l #	11

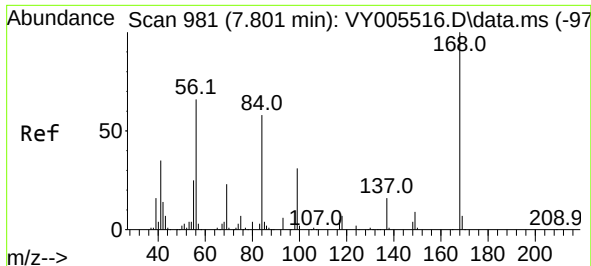
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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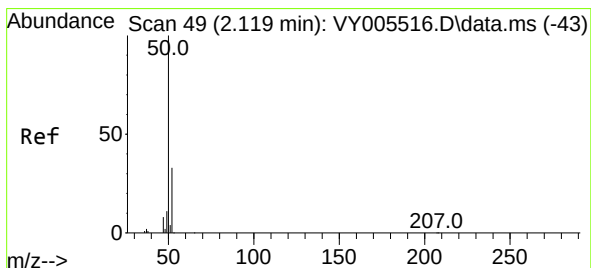
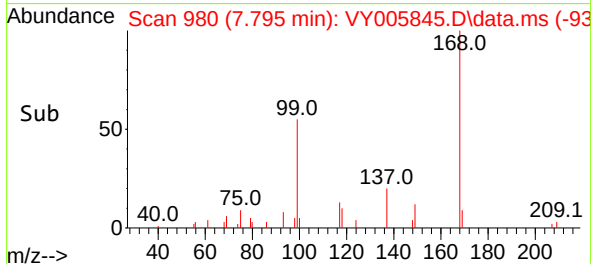
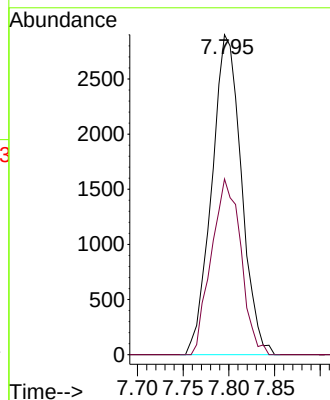
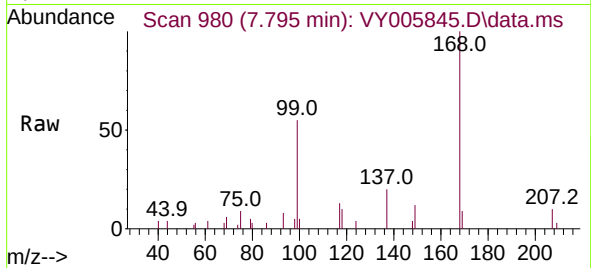




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005845.D
Acq: 25 Aug 2021 17:12

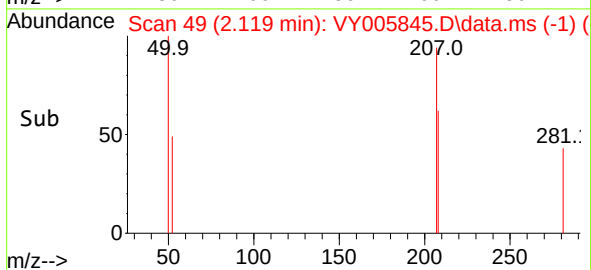
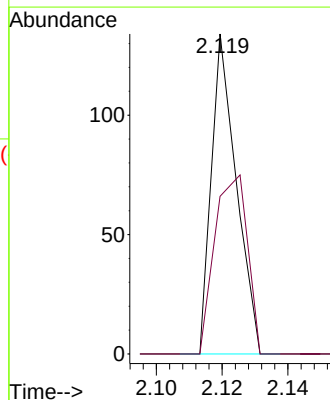
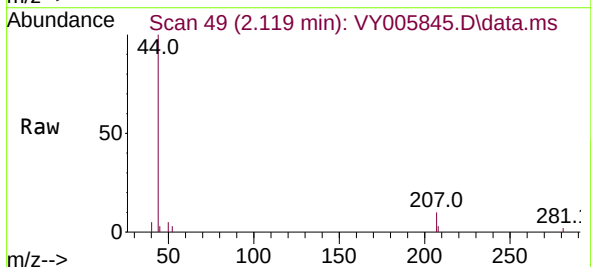
Instrument :
MSVOA_Y
ClientSampleId :
PT-3-082421RE

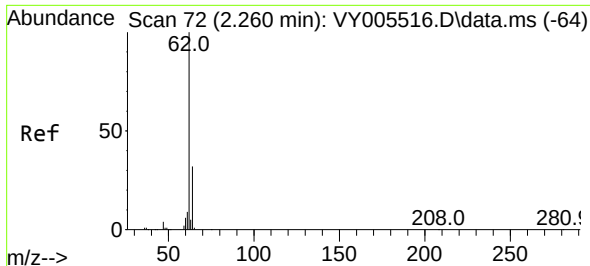
Tgt Ion:168 Resp: 6545
Ion Ratio Lower Upper
168 100
99 54.9 38.9 58.3



#3
Chloromethane
Concen: 1.090 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY005845.D
Acq: 25 Aug 2021 17:12

Tgt Ion: 50 Resp: 70
Ion Ratio Lower Upper
50 100
52 49.3 26.4 39.6#

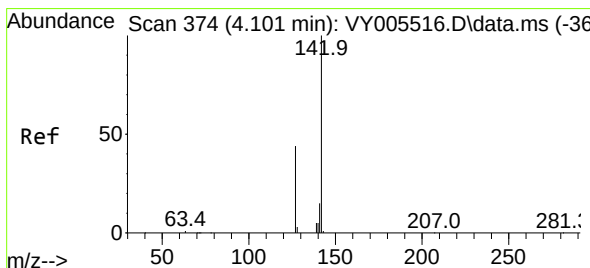
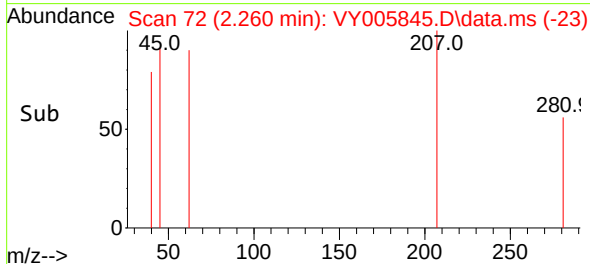
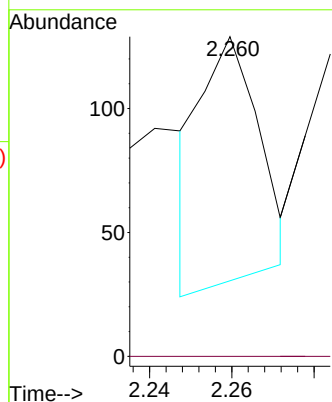
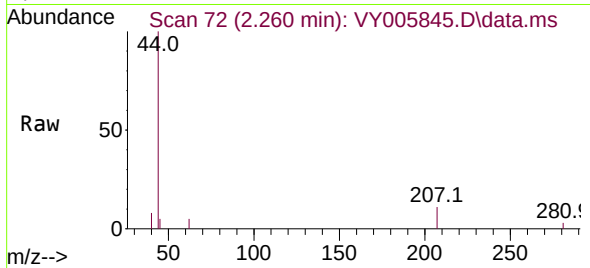




#4
 Vinyl Chloride
 Concen: 1.274 ug/l
 RT: 2.260 min Scan# 72
 Delta R.T. 0.000 min
 Lab File: VY005845.D
 Acq: 25 Aug 2021 17:12

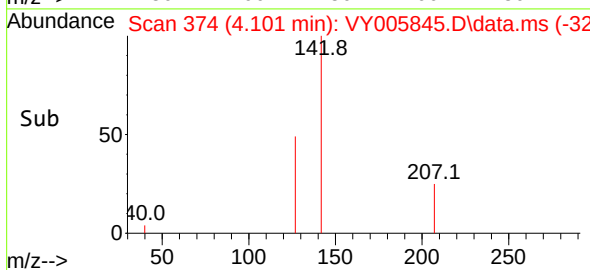
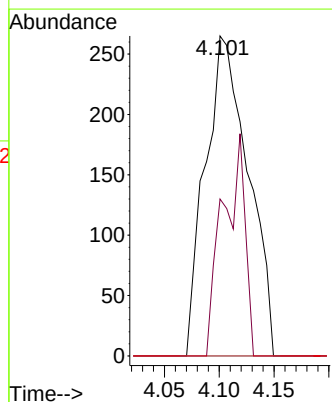
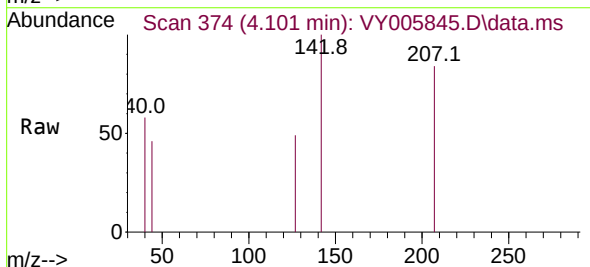
Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-3-082421RE

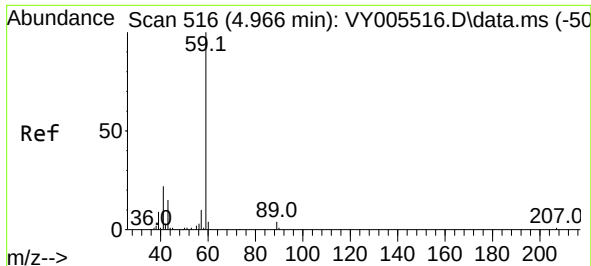
Tgt Ion: 62 Resp: 98
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.9 38.9#



#10
 Methyl Iodide
 Concen: 10.375 ug/l
 RT: 4.101 min Scan# 374
 Delta R.T. 0.000 min
 Lab File: VY005845.D
 Acq: 25 Aug 2021 17:12

Tgt Ion: 142 Resp: 722
 Ion Ratio Lower Upper
 142 100
 127 35.7 36.6 54.8#
 141 0.0 12.2 18.4#

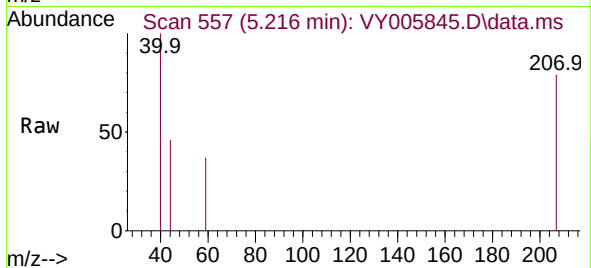




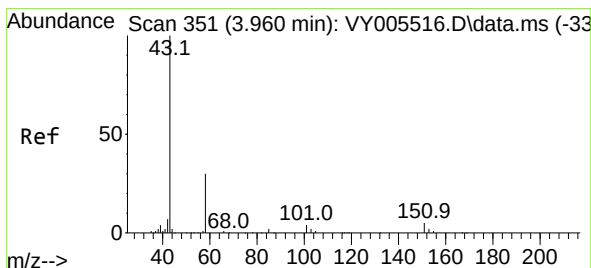
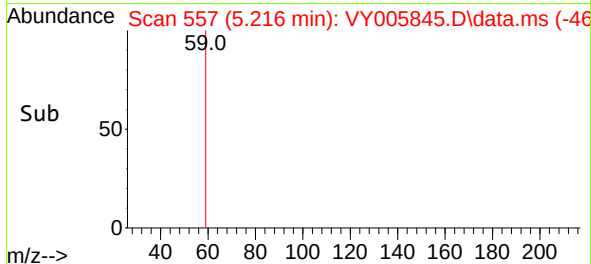
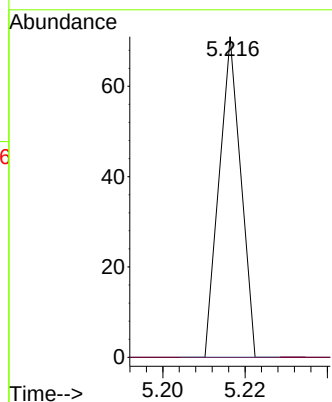
#11

Tert butyl alcohol
Concen: 3.970 ug/l
RT: 5.216 min Scan# 557
Delta R.T. 0.250 min
Lab File: VY005845.D
Acq: 25 Aug 2021 17:12

Instrument :
MSVOA_Y
ClientSampleId :
PT-3-082421RE



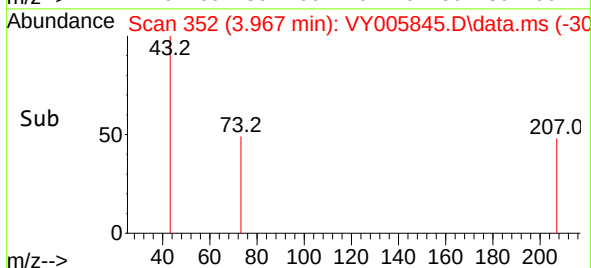
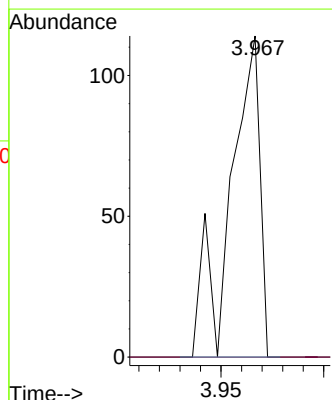
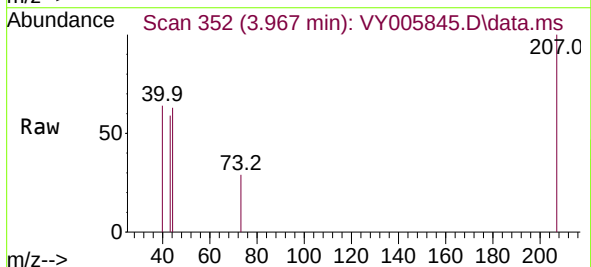
Tgt Ion: 59 Resp: 26
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

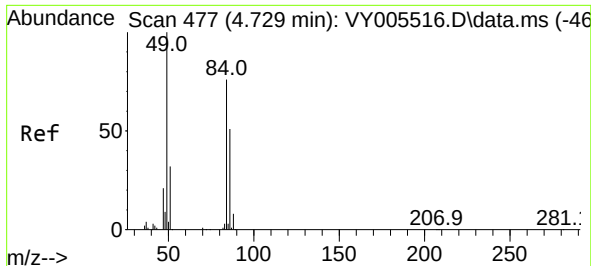


#16

Acetone
Concen: 6.885 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005845.D
Acq: 25 Aug 2021 17:12

Tgt Ion: 43 Resp: 115
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



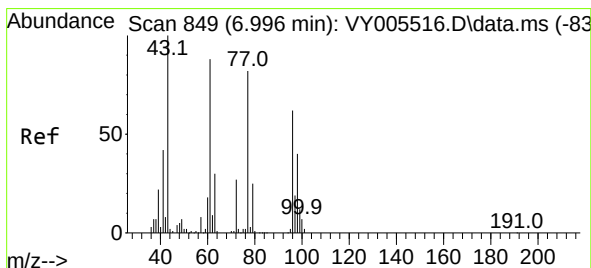
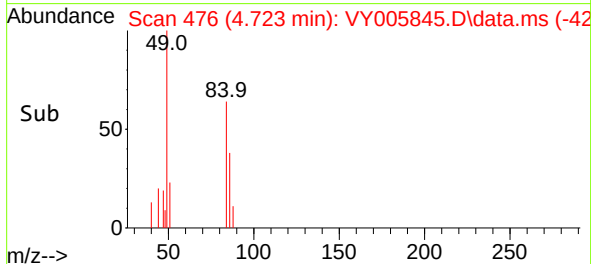
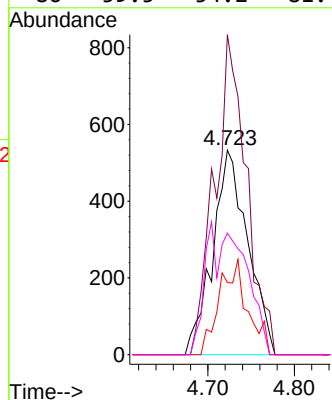
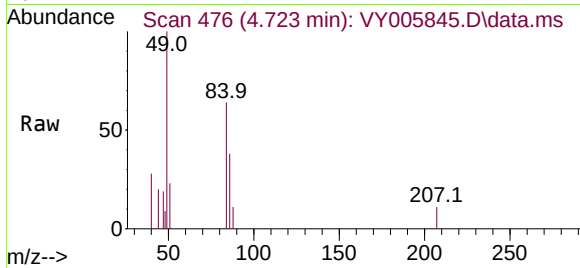


#20
Methylene Chloride
Concen: 18.899 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005845.D
Acq: 25 Aug 2021 17:12

Instrument :
MSVOA_Y
ClientSampleId :
PT-3-082421RE

Tgt Ion: 84 Resp: 1501

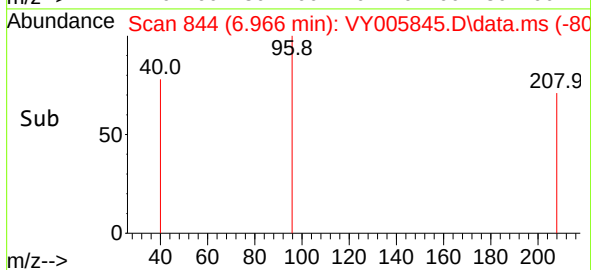
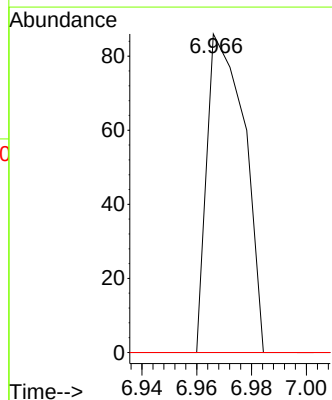
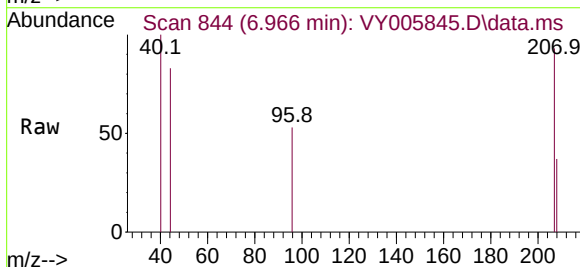
Ion	Ratio	Lower	Upper
84	100		
49	156.5	105.8	158.6
51	35.3	33.4	50.2
86	59.5	54.2	81.4

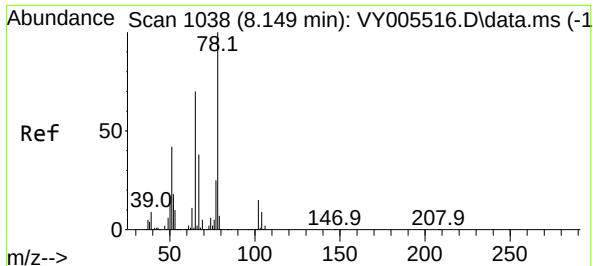


#27
cis-1,2-Dichloroethene
Concen: 1.143 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.030 min
Lab File: VY005845.D
Acq: 25 Aug 2021 17:12

Tgt Ion: 96 Resp: 82

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	290.0
98	0.0	0.0	128.0

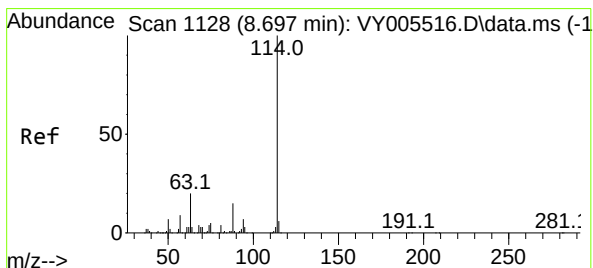
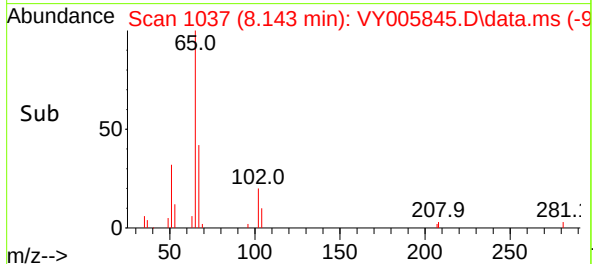
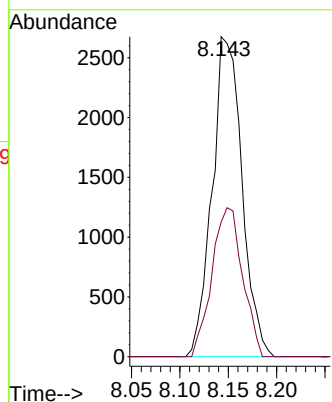
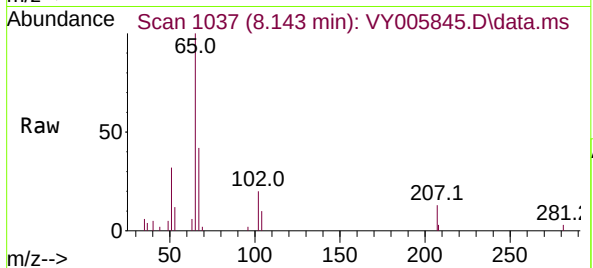




#33
 1,2-Dichloroethane-d4
 Concen: 86.579 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.006 min
 Lab File: VY005845.D
 Acq: 25 Aug 2021 17:12

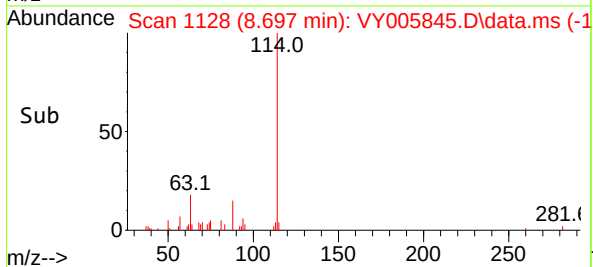
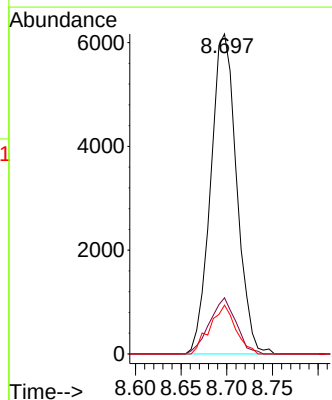
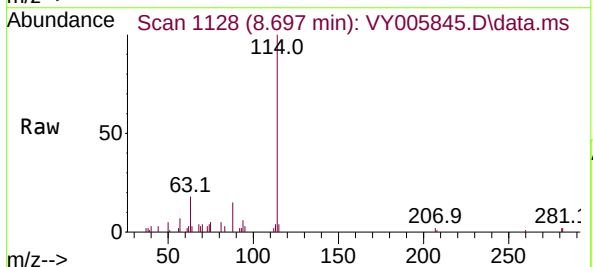
Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-3-082421RE

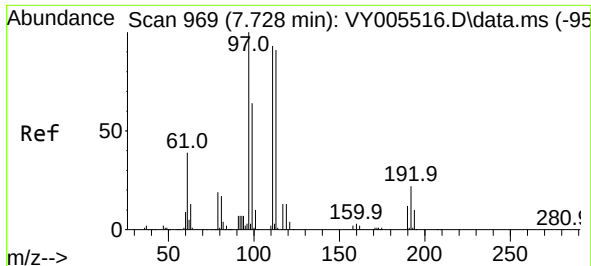
Tgt Ion: 65 Resp: 5736
 Ion Ratio Lower Upper
 65 100
 67 47.8 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY005845.D
 Acq: 25 Aug 2021 17:12

Tgt Ion: 114 Resp: 12183
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 39.2
 88 15.2 0.0 30.8

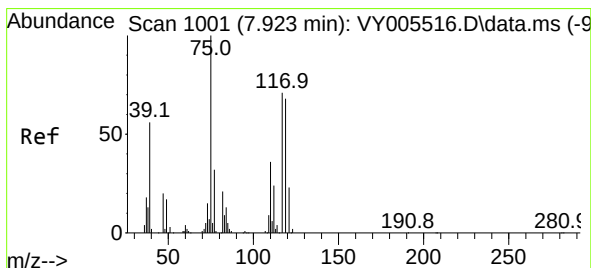
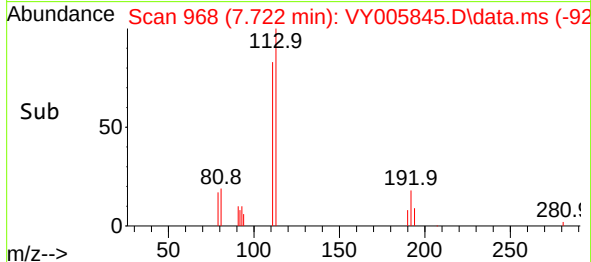
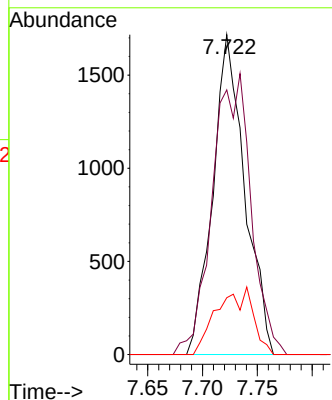
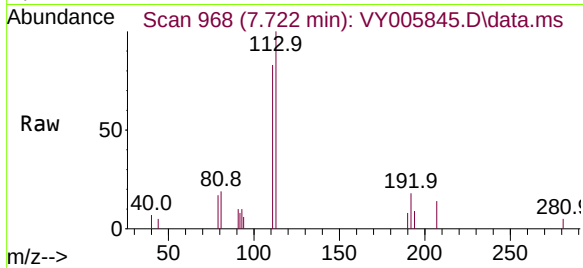




#35
Dibromofluoromethane
Concen: 51.078 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005845.D
Acq: 25 Aug 2021 17:12

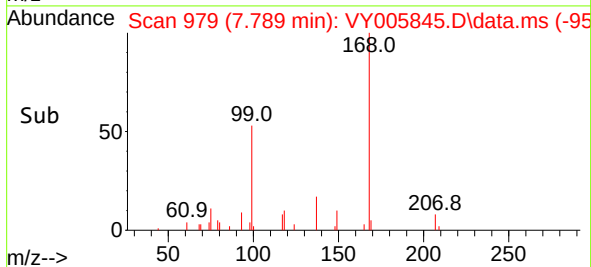
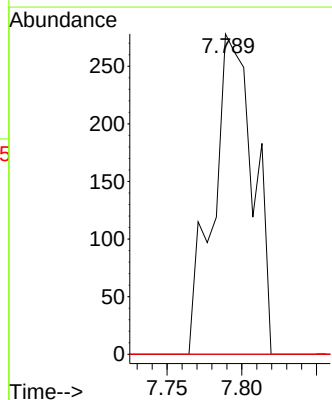
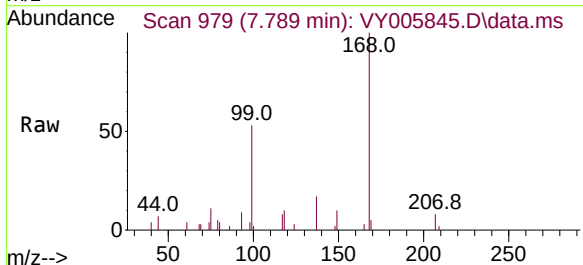
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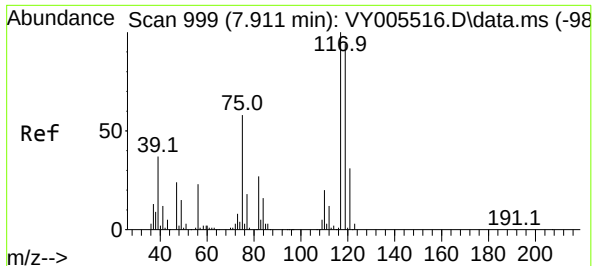
Tgt Ion:113 Resp: 3484
Ion Ratio Lower Upper
113 100
111 105.7 81.9 122.9
192 23.7 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.551 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY005845.D
Acq: 25 Aug 2021 17:12

Tgt Ion: 75 Resp: 520
Ion Ratio Lower Upper
75 100
110 0.0 18.1 54.1#
77 0.0 25.1 37.7#

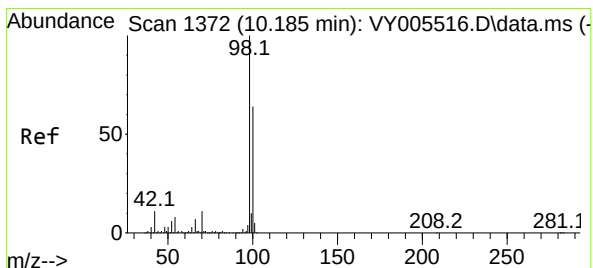
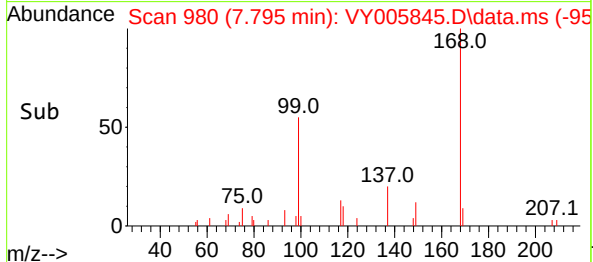
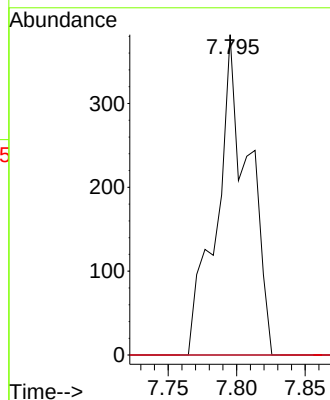
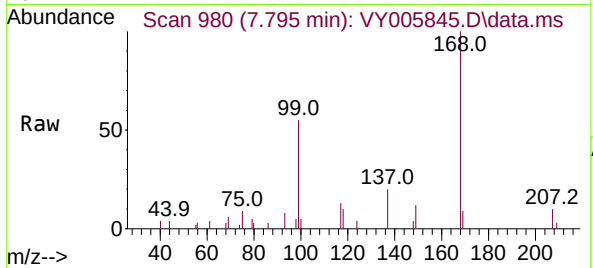




#38
Carbon Tetrachloride
Concen: 5.008 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005845.D
Acq: 25 Aug 2021 17:12

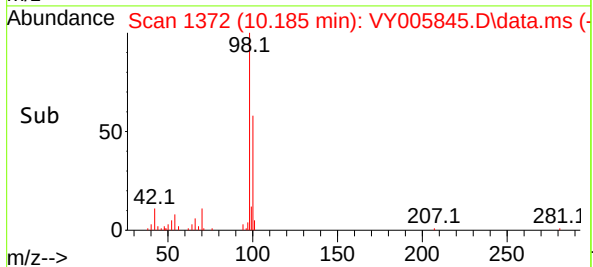
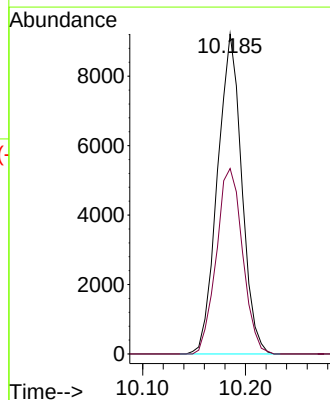
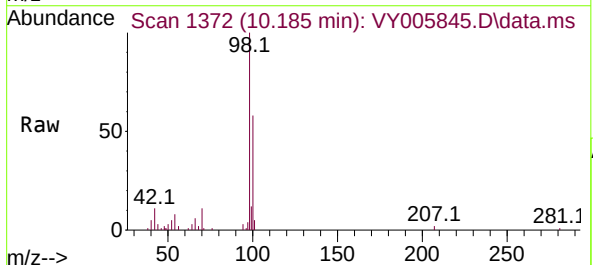
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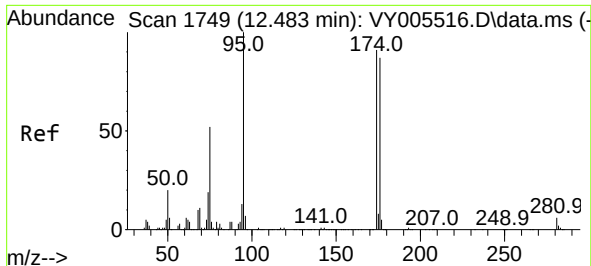
Tgt Ion:117 Resp: 622
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 52.736 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005845.D
Acq: 25 Aug 2021 17:12

Tgt Ion: 98 Resp: 15086
Ion Ratio Lower Upper
98 100
100 62.6 51.3 76.9

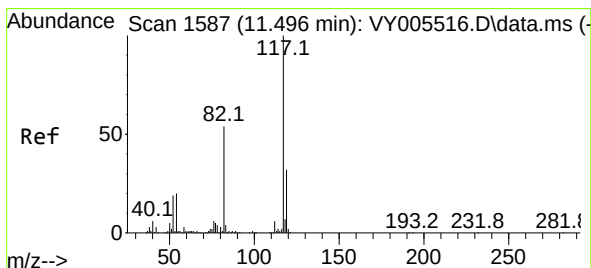
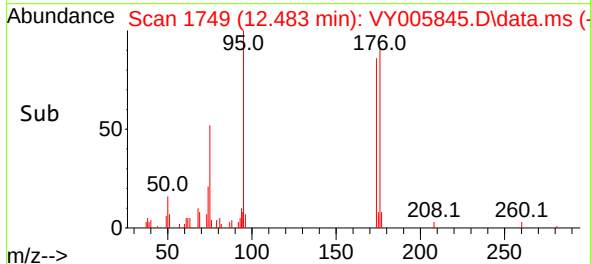
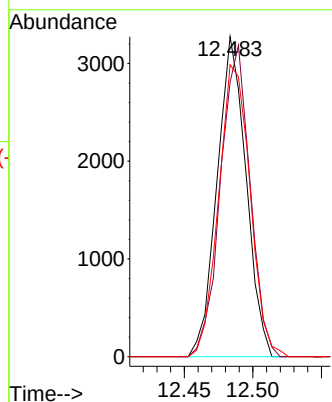
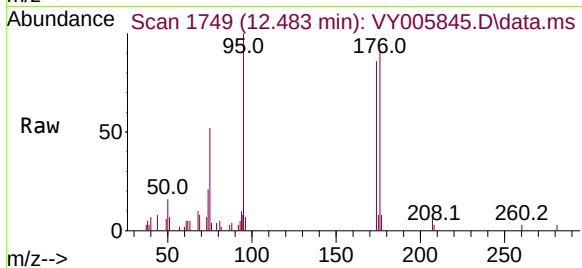




#62
4-Bromofluorobenzene
Concen: 50.775 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005845.D
Acq: 25 Aug 2021 17:12

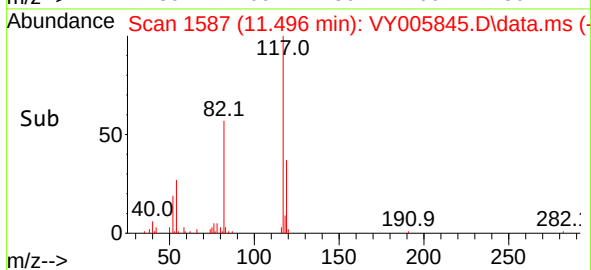
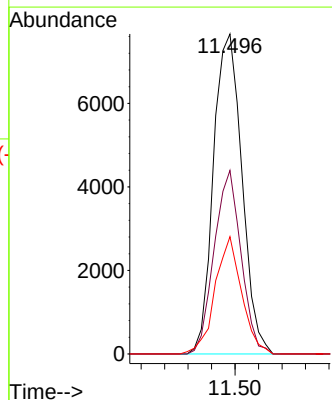
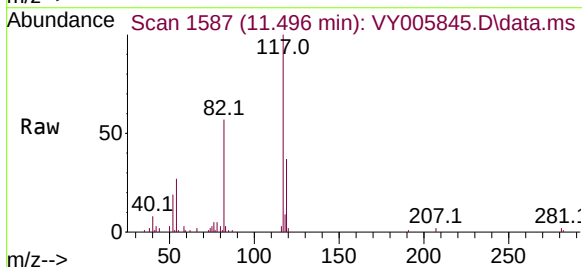
Instrument :
MSVOA_Y
ClientSampleId :
PT-3-082421RE

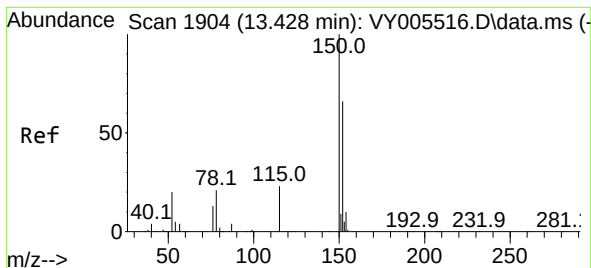
Tgt Ion:	95	Resp:	4810
Ion	Ratio	Lower	Upper
95	100		
174	99.3	0.0	191.4
176	99.1	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005845.D
Acq: 25 Aug 2021 17:12

Tgt Ion:	117	Resp:	12903
Ion	Ratio	Lower	Upper
117	100		
82	57.4	43.5	65.3
119	36.6	25.5	38.3

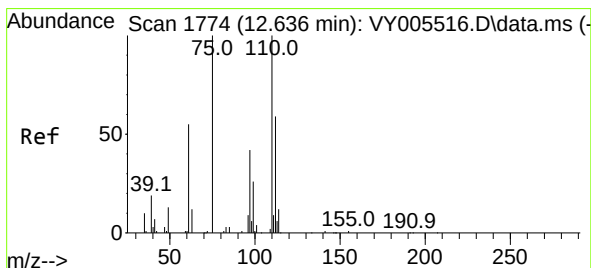
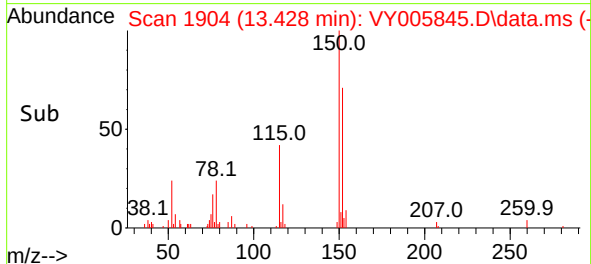
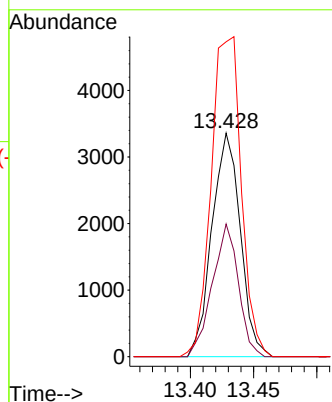
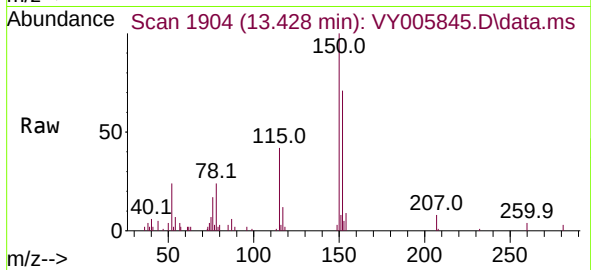




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005845.D
Acq: 25 Aug 2021 17:12

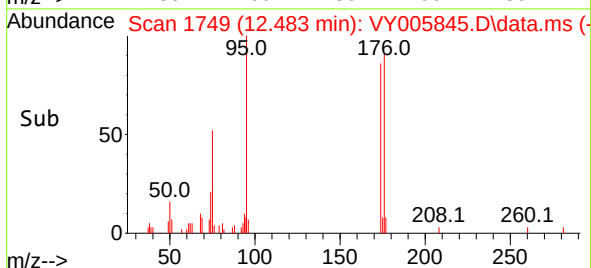
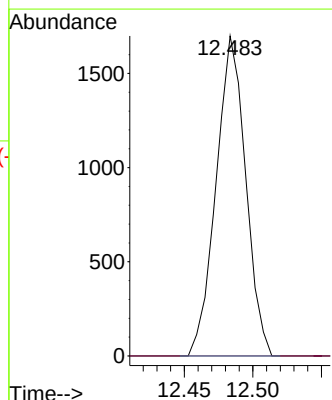
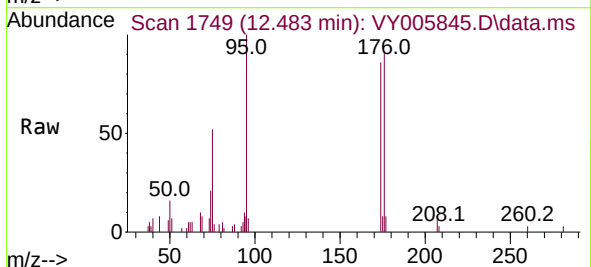
Instrument :
MSVOA_Y
ClientSampleId :
PT-3-082421RE

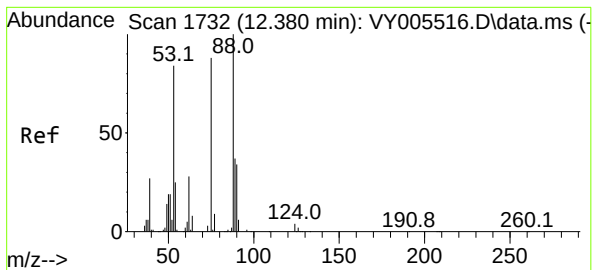
Tgt Ion:152 Resp: 5237
Ion Ratio Lower Upper
152 100
115 54.5 27.3 81.9
150 152.2 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 47.005 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005845.D
Acq: 25 Aug 2021 17:12

Tgt Ion: 75 Resp: 2551
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.757 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005845.D
 Acq: 25 Aug 2021 17:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-3-082421RE

Tgt Ion: 75 Resp: 2551
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.0 38.4 57.6#

