

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011122\
 Data File : VY007121.D
 Acq On : 11 Jan 2022 17:40
 Operator : SY/MD
 Sample : N1099-07
 Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VACLOT-BACKFILL-TILCON-07

Quant Time: Jan 12 05:09:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 10 03:29:44 2022
 Response via : Initial Calibration

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

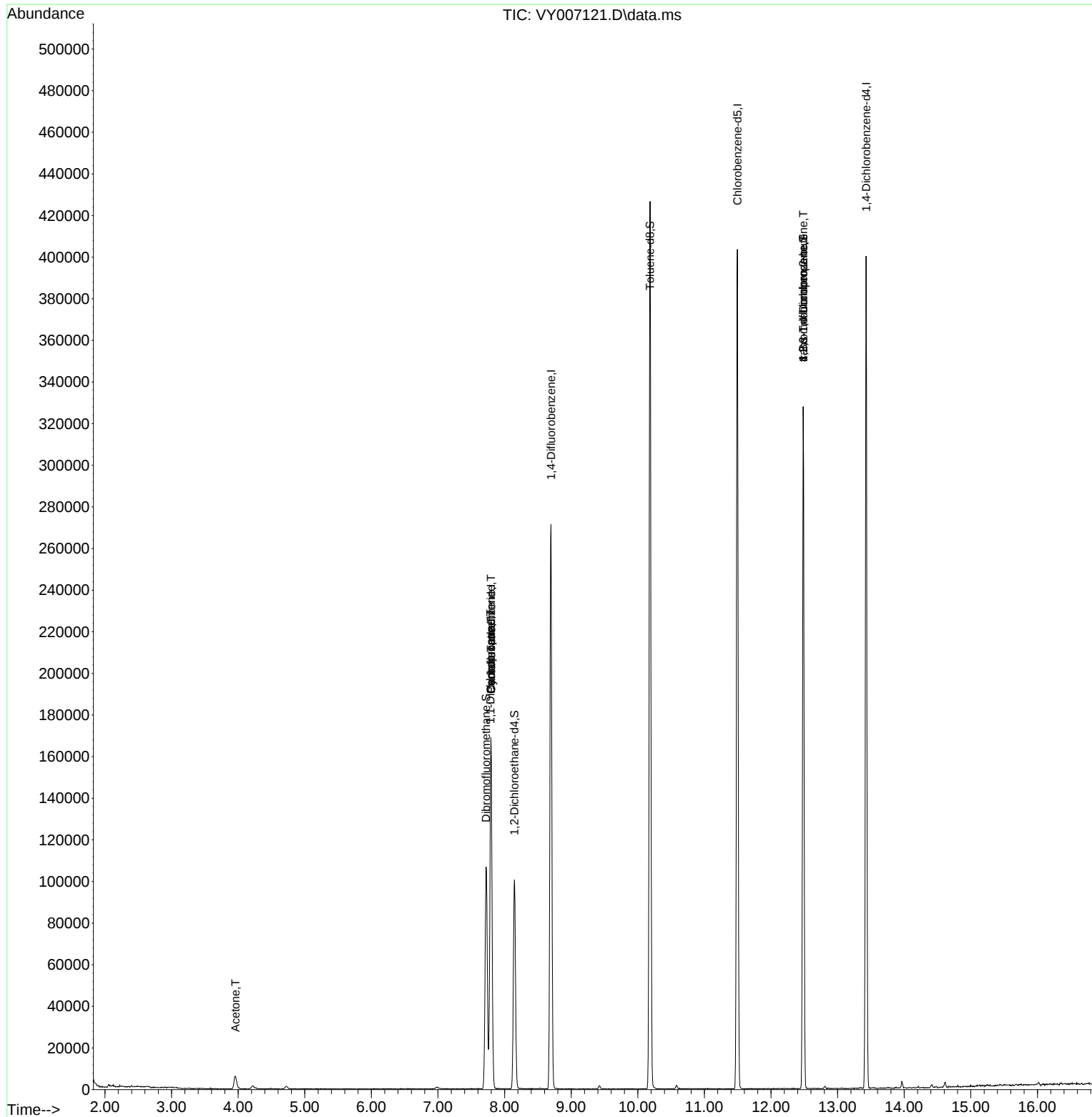
Internal Standards						
1) Pentafluorobenzene	7.795	168	123420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	228470	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	216974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	81033	54.881	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.760%	
35) Dibromofluoromethane	7.722	113	76316	50.119	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.240%	
50) Toluene-d8	10.185	98	282943	50.306	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.620%	
62) 4-Bromofluorobenzene	12.483	95	104523	51.527	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.060%	
Target Compounds						Qvalue
16) Acetone	3.960	43	11360	41.008	ug/l	97
20) Methylene Chloride	4.716	84	987	Below Cal	#	93
31) Cyclohexane	7.795	56	2747	1.081	ug/l #	6
36) 1,1-Dichloropropene	7.789	75	10494	4.349	ug/l #	51
38) Carbon Tetrachloride	7.795	117	13664	5.420	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	55280	50.469	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	55280	94.793	ug/l #	3

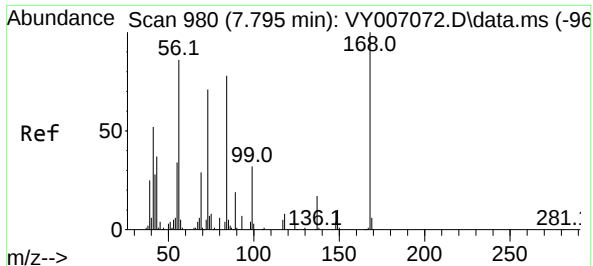
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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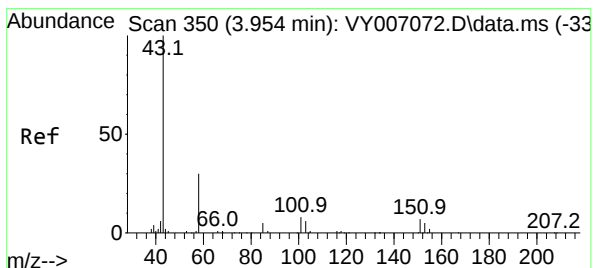
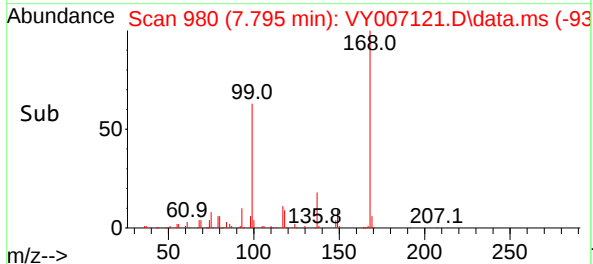
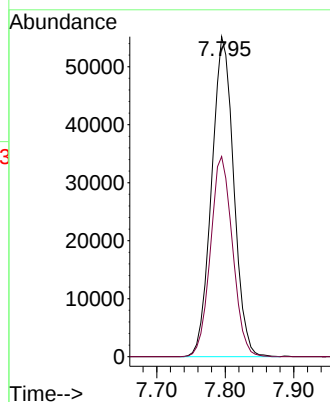
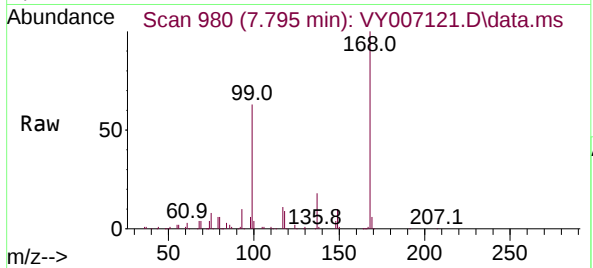




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007121.D
Acq: 11 Jan 2022 17:40

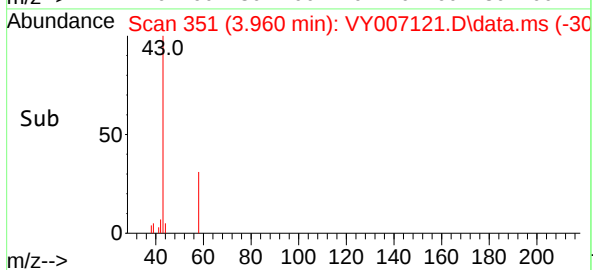
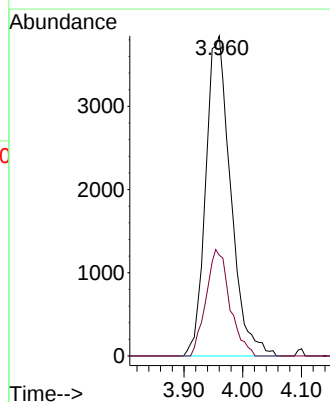
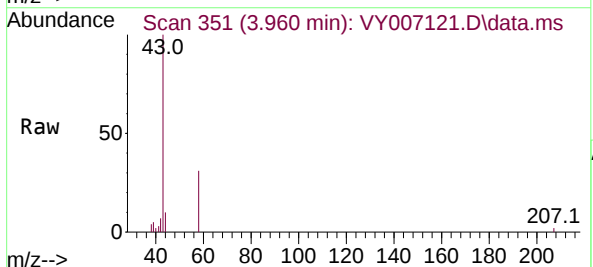
Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-07

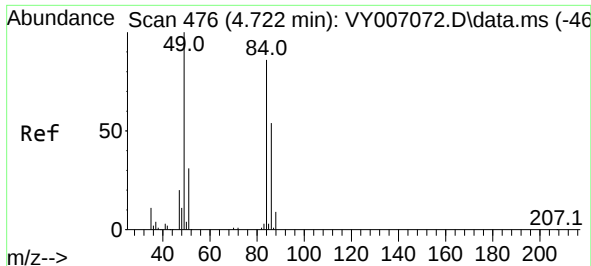
Tgt Ion:168 Resp: 123420
Ion Ratio Lower Upper
168 100
99 62.5 49.1 73.7



#16
Acetone
Concen: 41.008 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY007121.D
Acq: 11 Jan 2022 17:40

Tgt Ion: 43 Resp: 11360
Ion Ratio Lower Upper
43 100
58 31.5 23.8 35.6

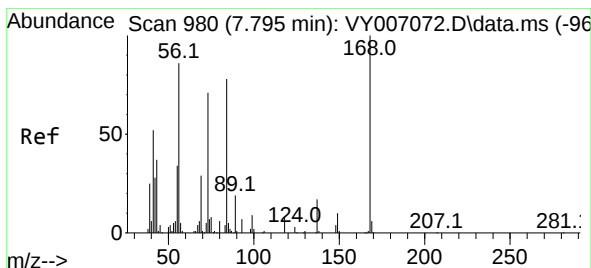
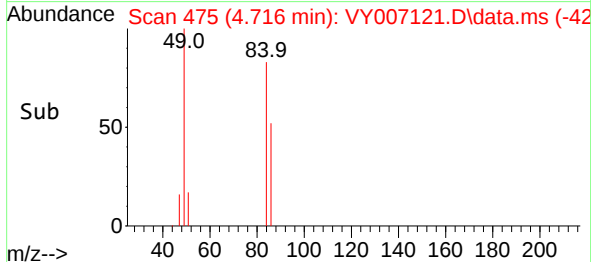
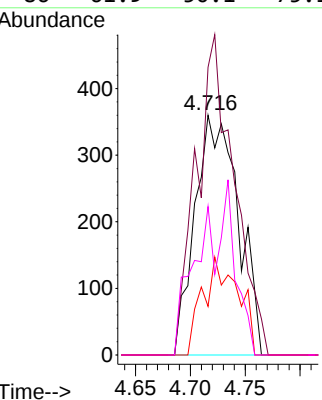
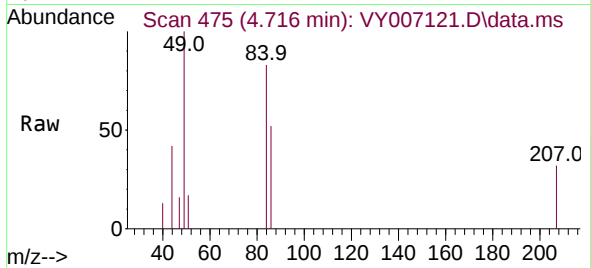




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY007121.D
Acq: 11 Jan 2022 17:40

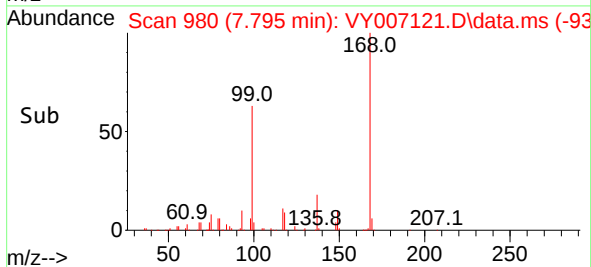
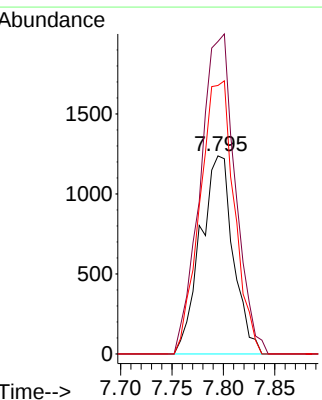
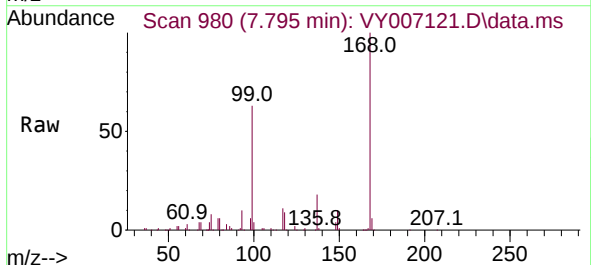
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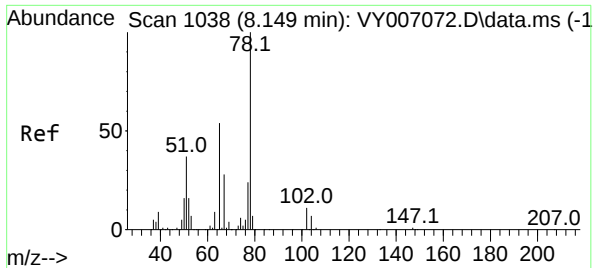
Tgt Ion:	84	Resp:	987
Ion	Ratio	Lower	Upper
84	100		
49	120.0	92.6	139.0
51	20.3	28.6	42.8#
86	61.9	50.1	75.1



#31
Cyclohexane
Concen: 1.081 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY007121.D
Acq: 11 Jan 2022 17:40

Tgt Ion:	56	Resp:	2747
Ion	Ratio	Lower	Upper
56	100		
69	157.8	27.2	40.8#
84	135.5	72.1	108.1#

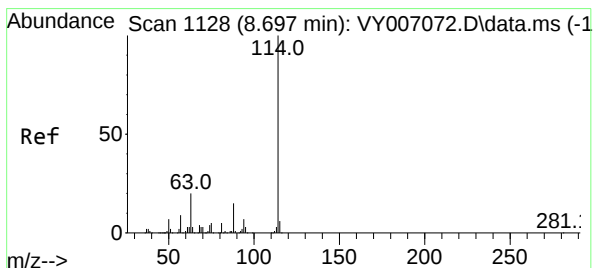
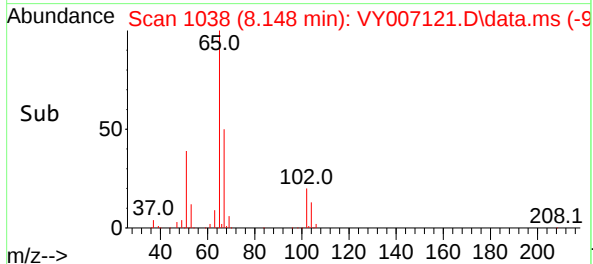
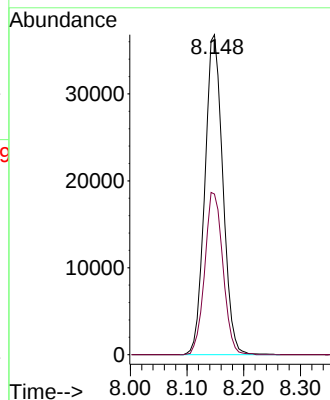
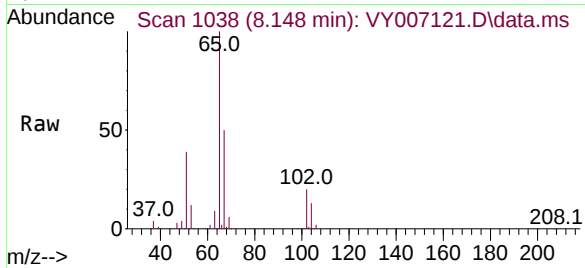




#33
 1,2-Dichloroethane-d4
 Concen: 54.881 ug/l
 RT: 8.148 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY007121.D
 Acq: 11 Jan 2022 17:40

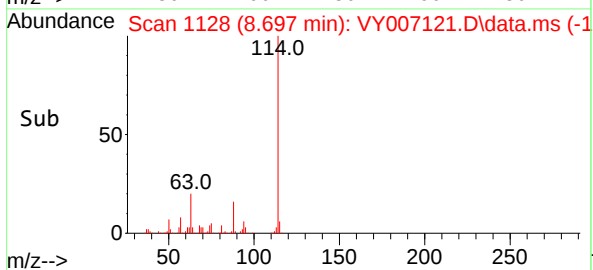
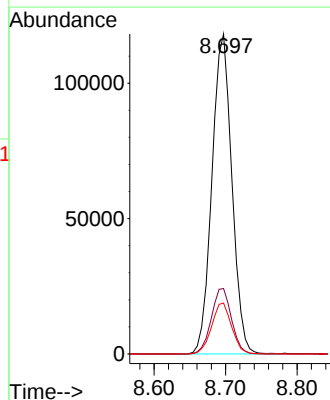
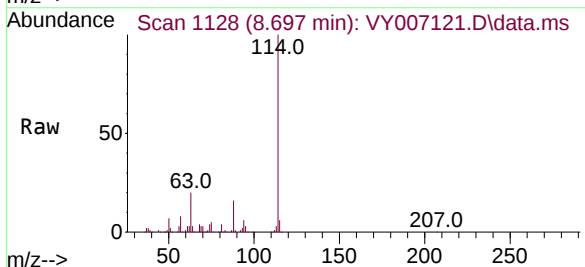
Instrument : MSVOA_Y
 ClientSampleId : VACLOT-BACKFILL-TILCON-07

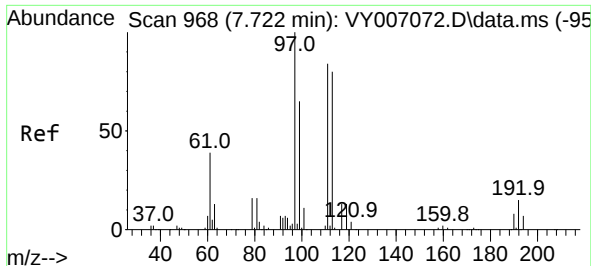
Tgt Ion: 65 Resp: 81033
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY007121.D
 Acq: 11 Jan 2022 17:40

Tgt Ion: 114 Resp: 228470
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.2
 88 15.9 0.0 31.0

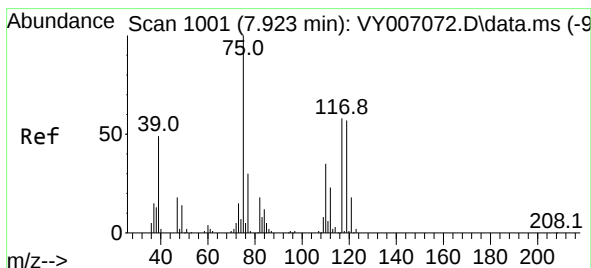
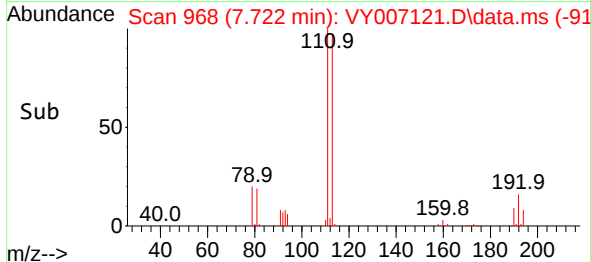
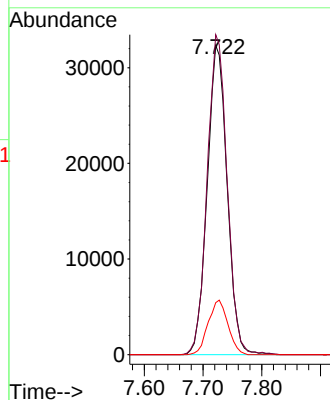
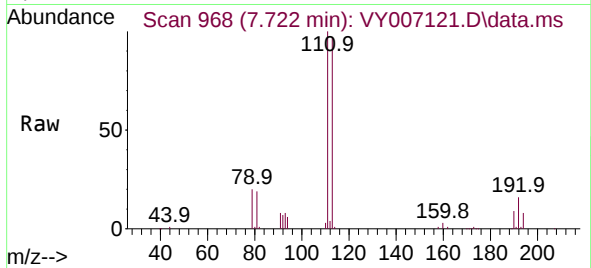




#35
Dibromofluoromethane
Concen: 50.119 ug/l
RT: 7.722 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY007121.D
Acq: 11 Jan 2022 17:40

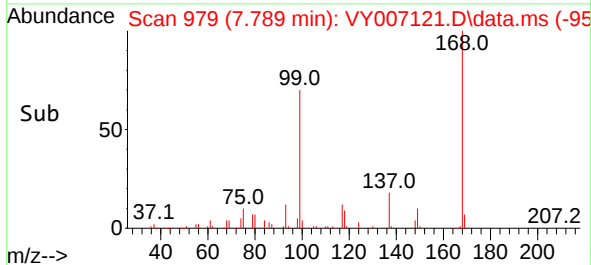
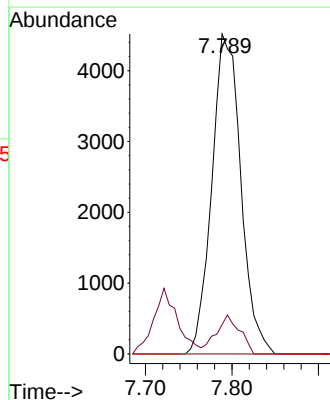
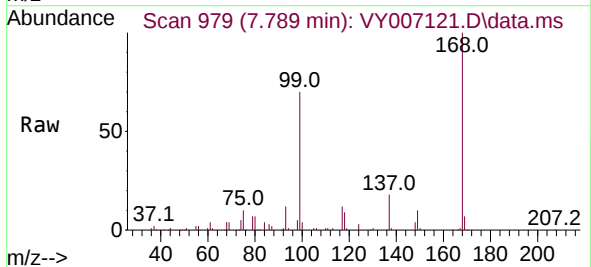
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MSVOA_Y
ClientSampleId :
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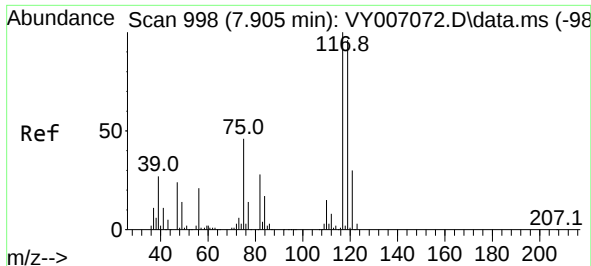
Tgt Ion:113 Resp: 76316
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 17.5 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.349 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY007121.D
Acq: 11 Jan 2022 17:40

Tgt Ion: 75 Resp: 10494
Ion Ratio Lower Upper
75 100
110 9.9 17.3 51.9#
77 0.0 24.7 37.1#

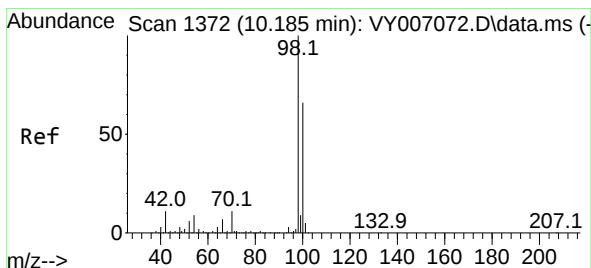
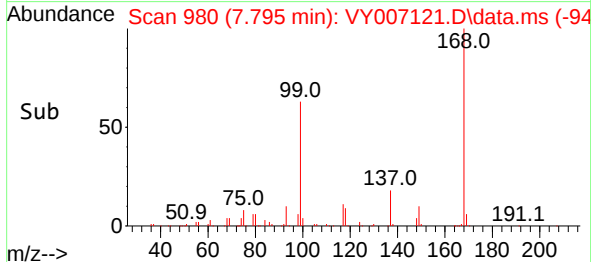
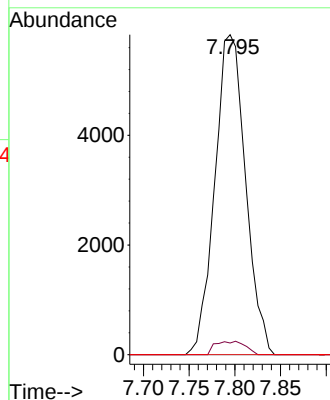
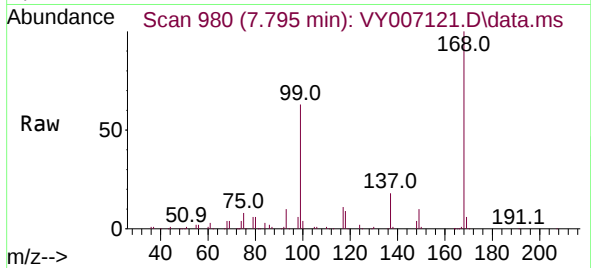




#38
Carbon Tetrachloride
Concen: 5.420 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007121.D
Acq: 11 Jan 2022 17:40

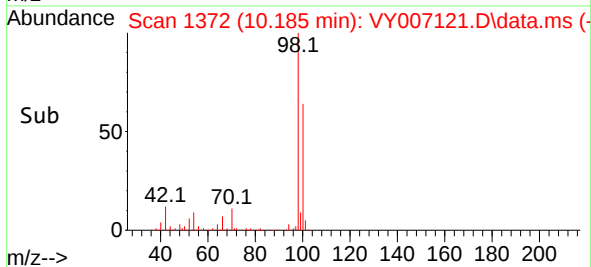
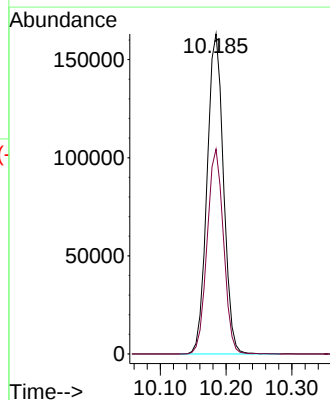
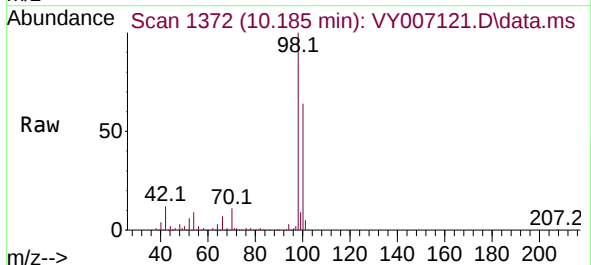
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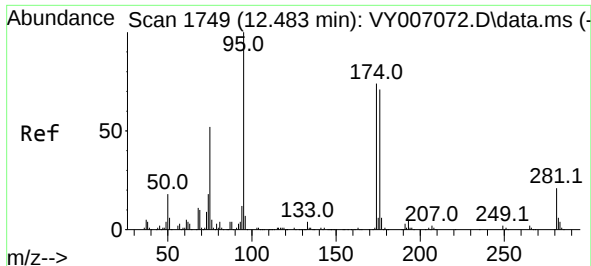
Tgt Ion:117 Resp: 13664
Ion Ratio Lower Upper
117 100
119 3.7 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.306 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY007121.D
Acq: 11 Jan 2022 17:40

Tgt Ion: 98 Resp: 282943
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.2

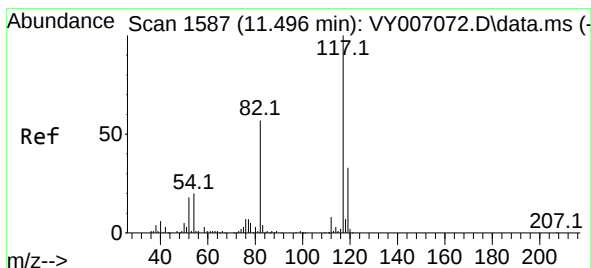
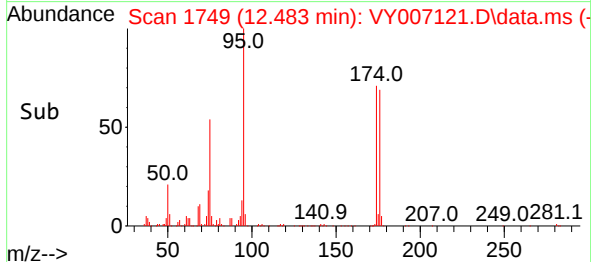
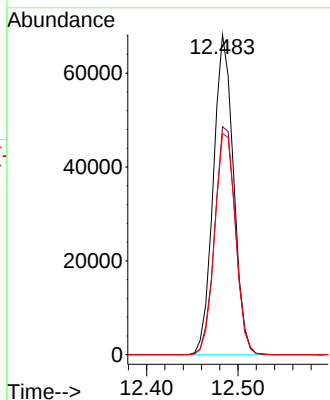
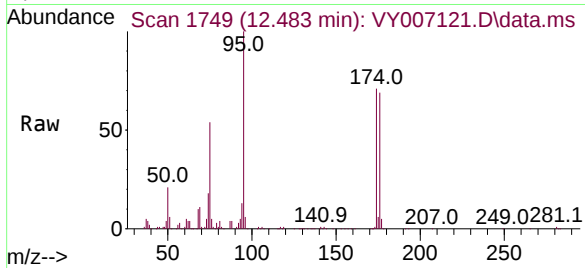




#62
4-Bromofluorobenzene
Concen: 51.527 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007121.D
Acq: 11 Jan 2022 17:40

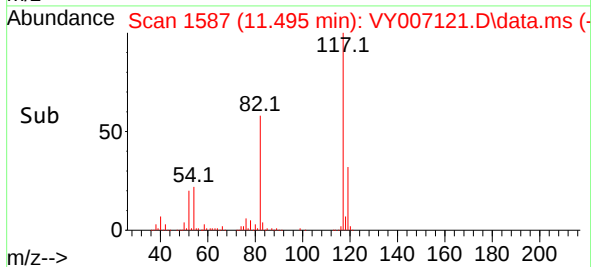
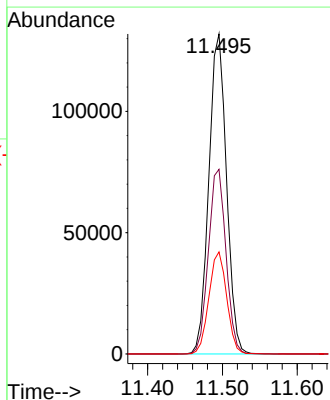
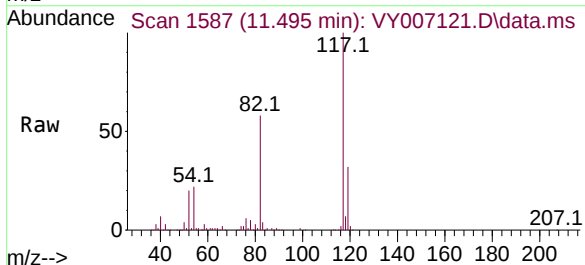
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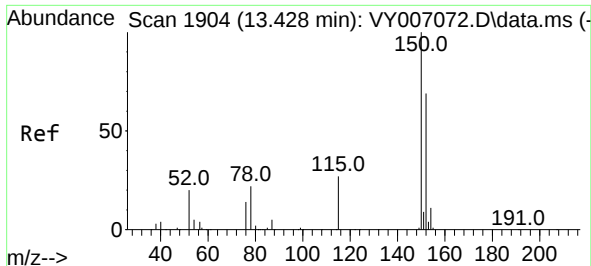
Tgt Ion: 95 Resp: 104523
Ion Ratio Lower Upper
95 100
174 73.3 0.0 148.4
176 71.5 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY007121.D
Acq: 11 Jan 2022 17:40

Tgt Ion: 117 Resp: 216974
Ion Ratio Lower Upper
117 100
82 57.7 45.4 68.0
119 31.9 26.4 39.6

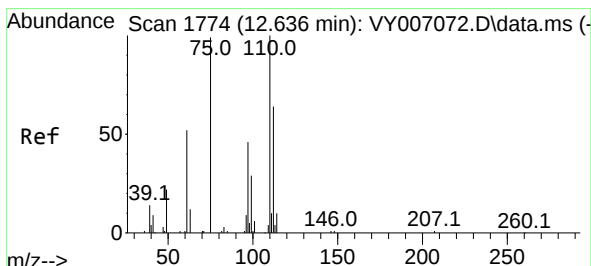
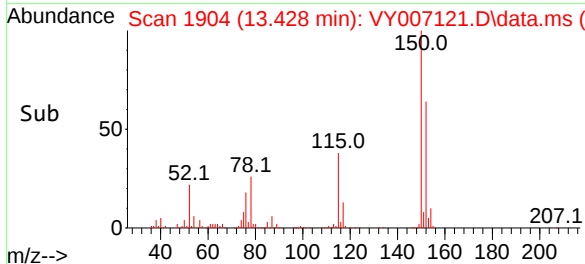
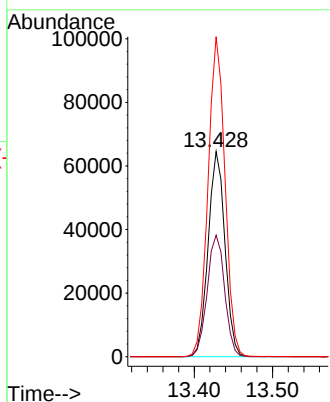
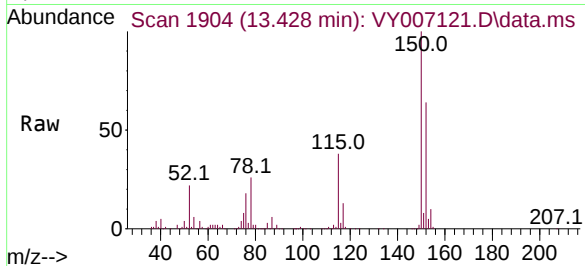




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY007121.D
 Acq: 11 Jan 2022 17:40

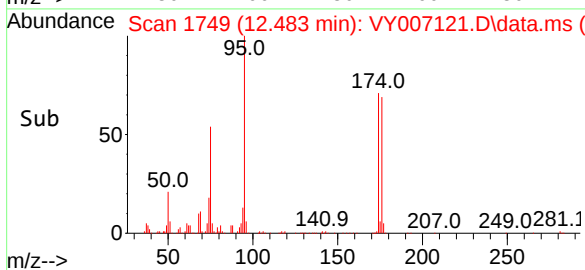
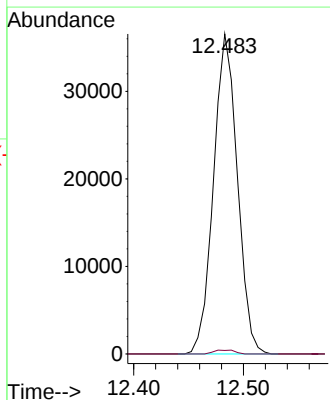
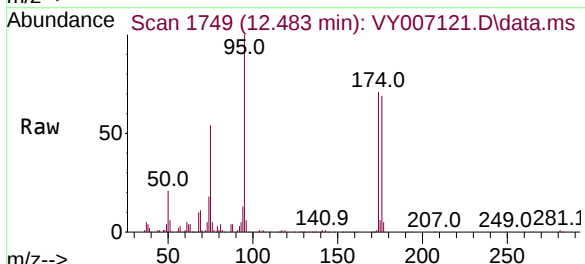
Instrument :
 MSVOA_Y
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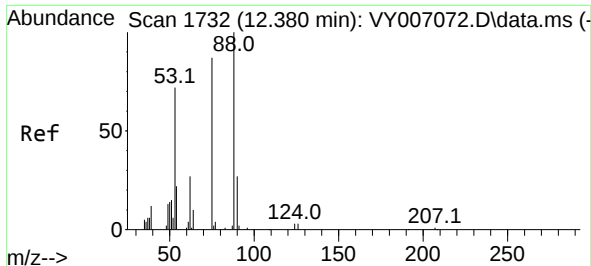
Tgt Ion:152 Resp: 95973
 Ion Ratio Lower Upper
 152 100
 115 61.4 31.4 94.0
 150 157.4 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 50.469 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY007121.D
 Acq: 11 Jan 2022 17:40

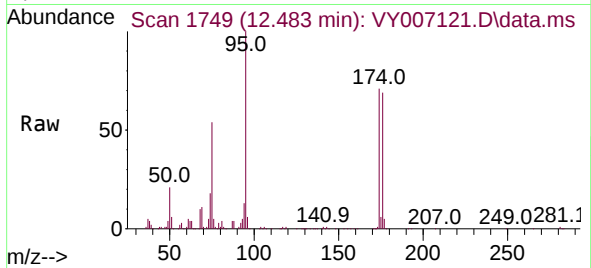
Tgt Ion: 75 Resp: 55280
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.793 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY007121.D
 Acq: 11 Jan 2022 17:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VACLOT-BACKFILL-TILCON-07



Tgt Ion: 75 Resp: 55280
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.1 0.0 0.0#

