

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011122\
 Data File : VY007116.D
 Acq On : 11 Jan 2022 15:37
 Operator : SY/MD
 Sample : N1099-02
 Misc : 5.92g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VACLOT-BACKFILL-TILCON-02

Quant Time: Jan 12 05:09:11 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)

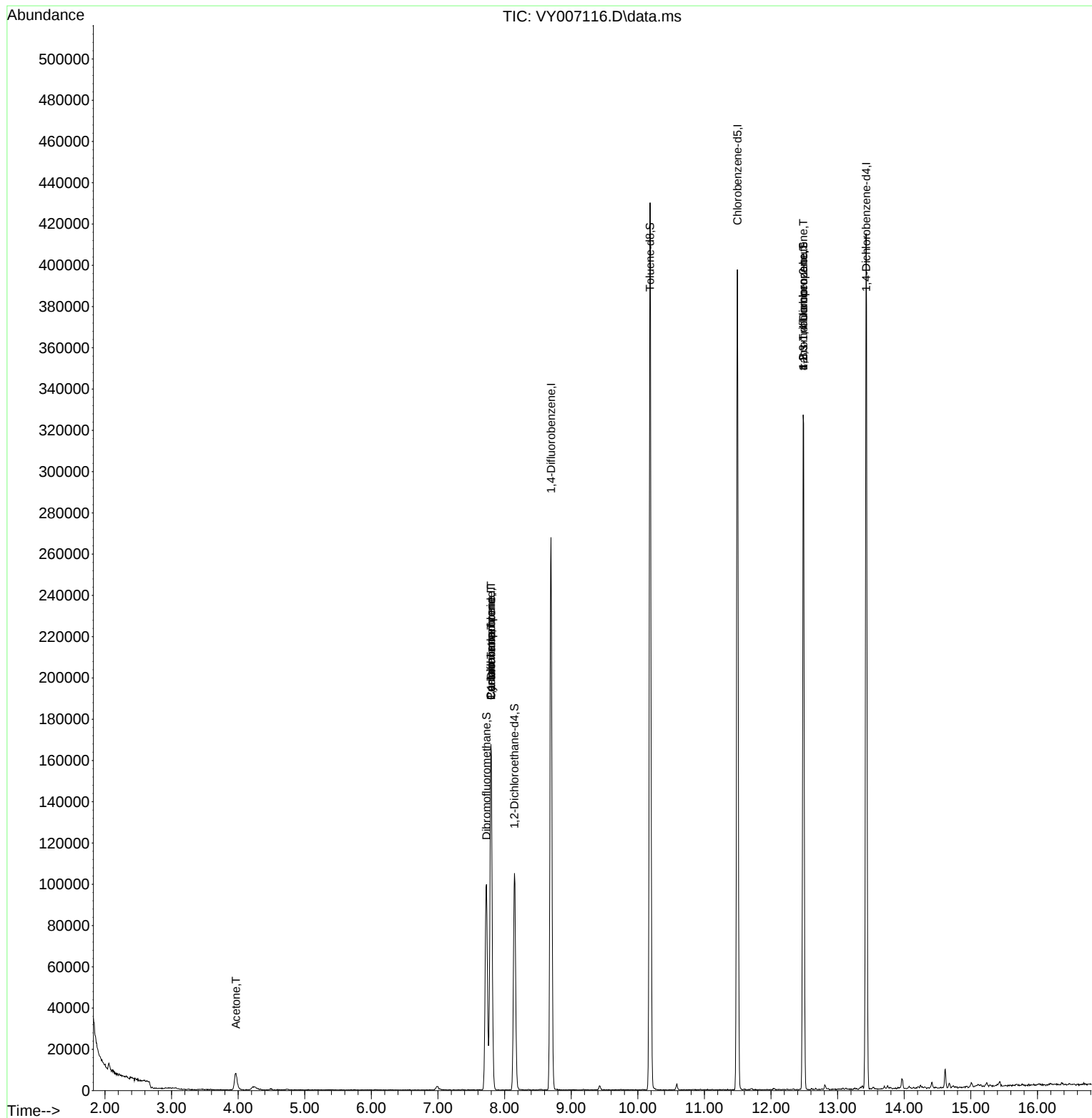
Internal Standards						
1) Pentafluorobenzene	7.795	168	126433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	229065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	215605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	87979	58.166	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.340%
35) Dibromofluoromethane	7.728	113	74588	48.857	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.720%
50) Toluene-d8	10.185	98	280744	49.785	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.560%
62) 4-Bromofluorobenzene	12.483	95	106492	52.362	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.720%
Target Compounds						
					Qvalue	
16) Acetone	3.967	43	15754	55.514	ug/l	100
20) Methylene Chloride	4.735	84	253	Below Cal	#	47
31) Cyclohexane	7.795	56	3030	1.164	ug/l #	30
36) 1,1-Dichloropropene	7.795	75	10956	4.529	ug/l #	50
38) Carbon Tetrachloride	7.795	117	13679	5.412	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	57585	49.113	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	57585	92.247	ug/l #	3

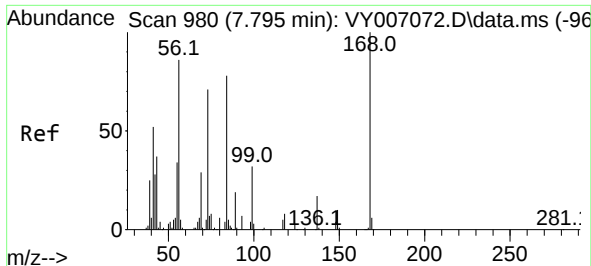
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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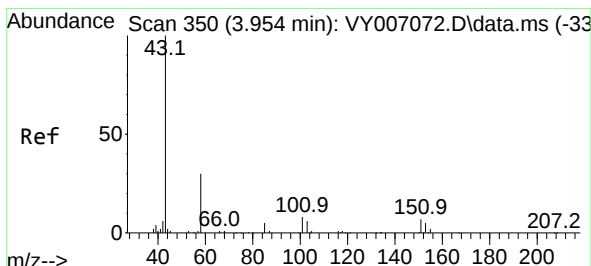
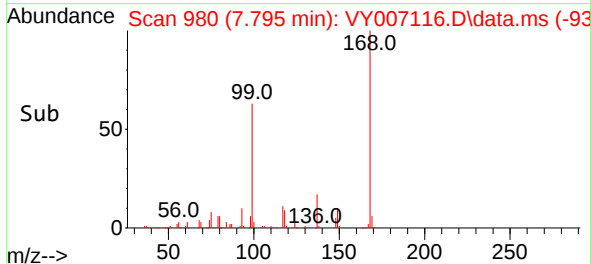
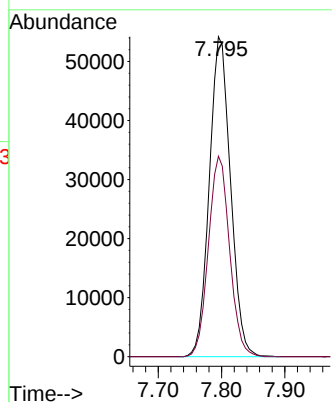
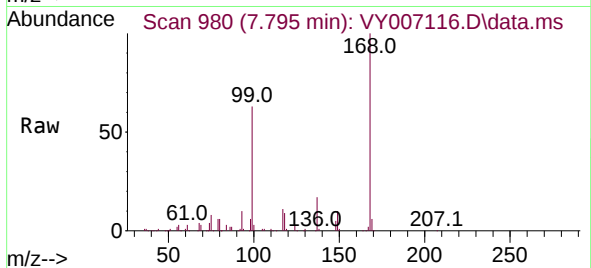




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007116.D
Acq: 11 Jan 2022 15:37

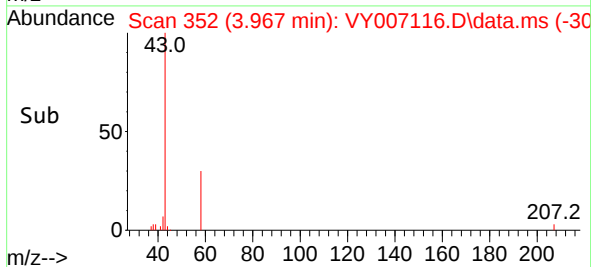
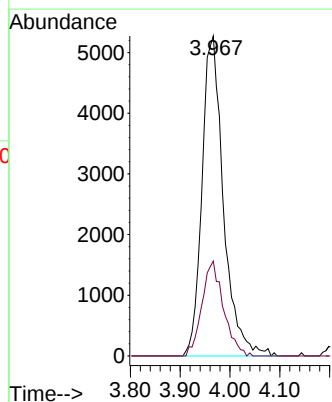
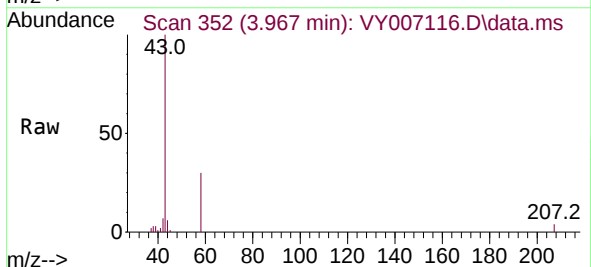
Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-02

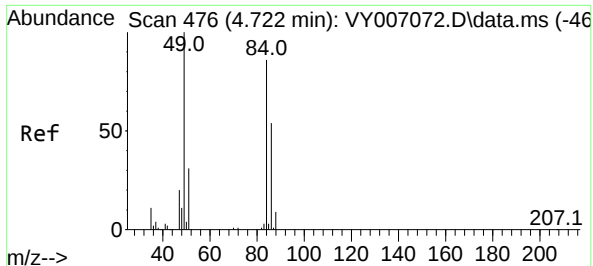
Tgt Ion:168 Resp: 126433
Ion Ratio Lower Upper
168 100
99 62.6 49.1 73.7



#16
Acetone
Concen: 55.514 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY007116.D
Acq: 11 Jan 2022 15:37

Tgt Ion: 43 Resp: 15754
Ion Ratio Lower Upper
43 100
58 29.7 23.8 35.6





#20

Methylene Chloride

Concen: Below Cal

RT: 4.735 min Scan# 41

Delta R.T. 0.013 min

Lab File: VY007116.D

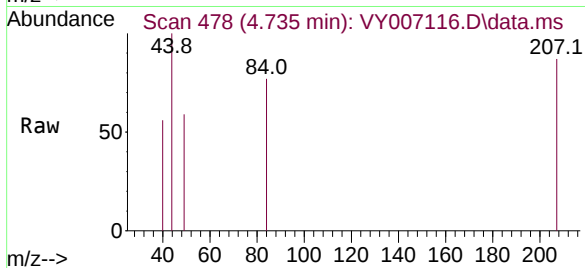
Acq: 11 Jan 2022 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VACLOT-BACKFILL-TILCON-02



Tgt Ion: 84 Resp: 253

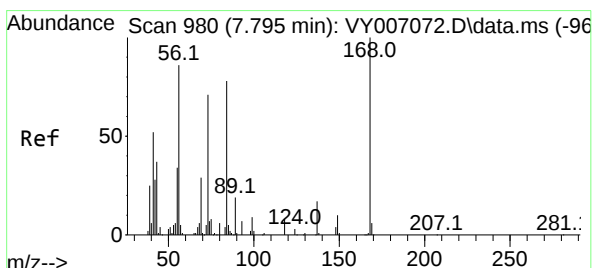
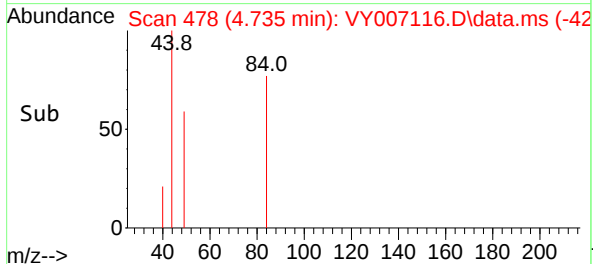
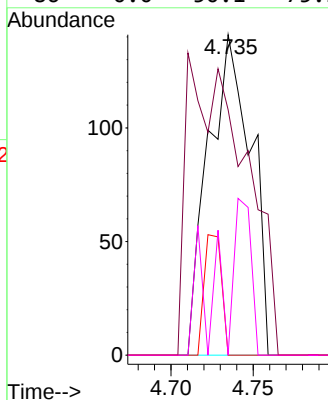
Ion Ratio Lower Upper

84 100

49 76.6 92.6 139.0#

51 0.0 28.6 42.8#

86 0.0 50.1 75.1#



#31

Cyclohexane

Concen: 1.164 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.000 min

Lab File: VY007116.D

Acq: 11 Jan 2022 15:37

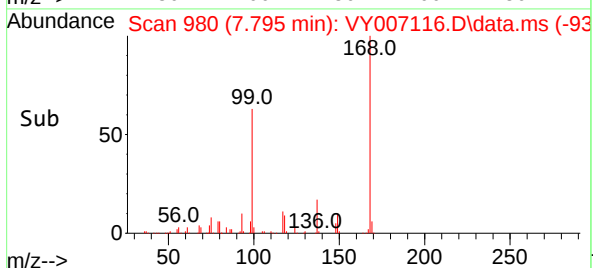
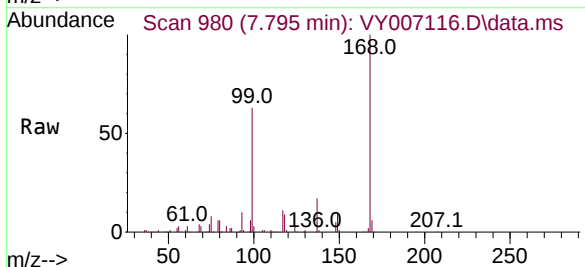
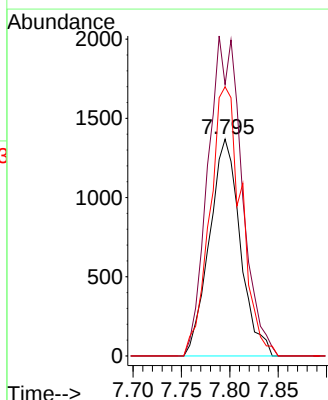
Tgt Ion: 56 Resp: 3030

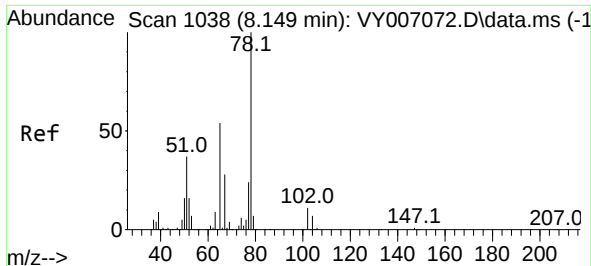
Ion Ratio Lower Upper

56 100

69 125.2 27.2 40.8#

84 124.2 72.1 108.1#

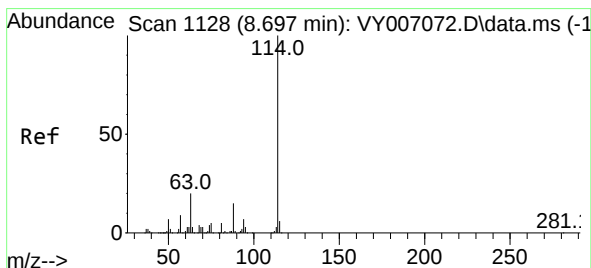
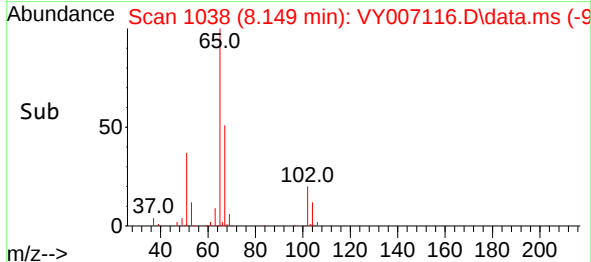
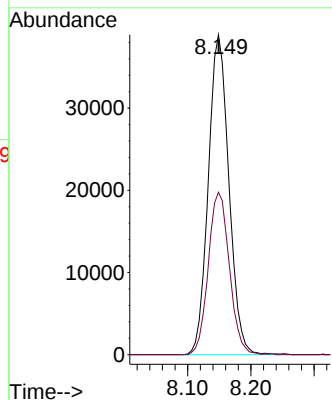
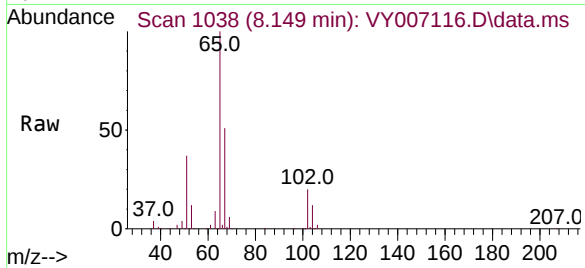




#33
 1,2-Dichloroethane-d4
 Concen: 58.166 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY007116.D
 Acq: 11 Jan 2022 15:37

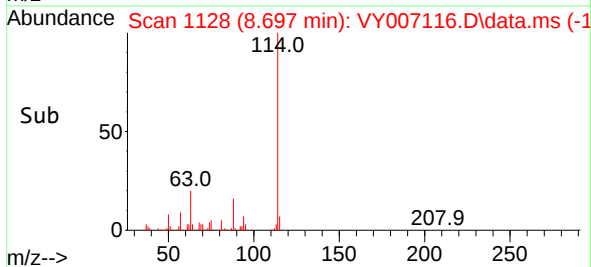
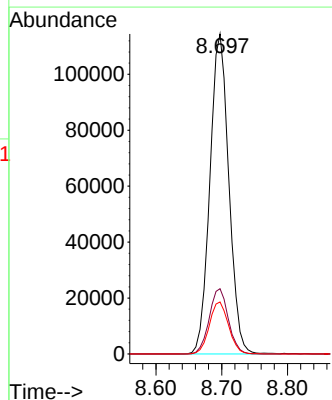
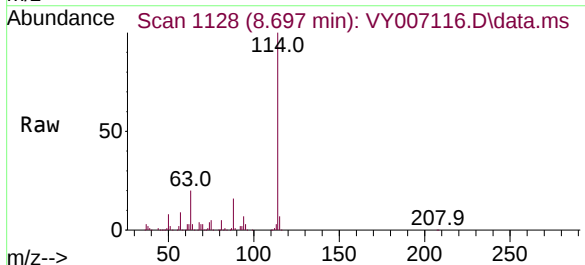
Instrument :
 MSVOA_Y
 ClientSampleId :
 VACLOT-BACKFILL-TILCON-02

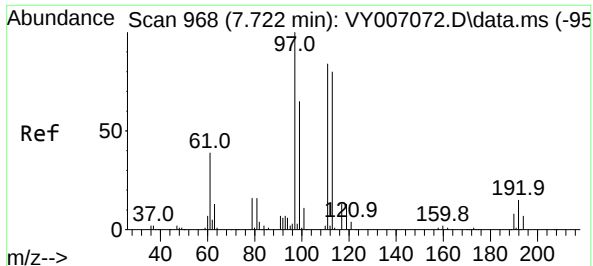
Tgt Ion: 65 Resp: 87979
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY007116.D
 Acq: 11 Jan 2022 15:37

Tgt Ion: 114 Resp: 229065
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.2
 88 16.3 0.0 31.0

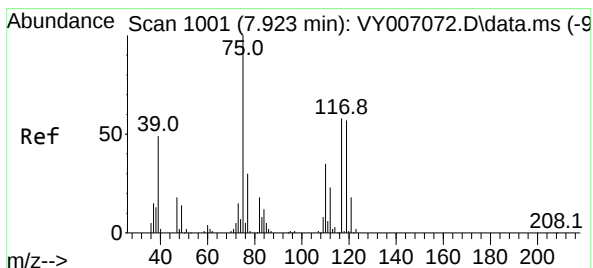
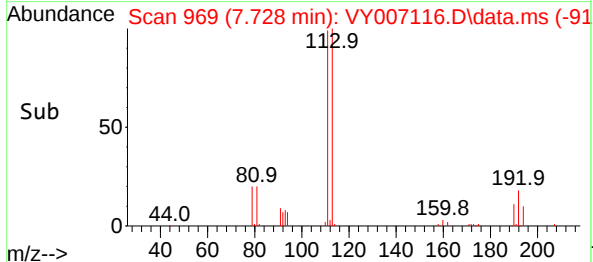
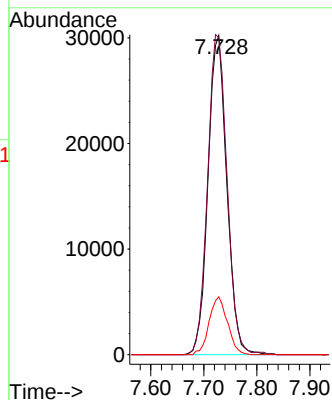
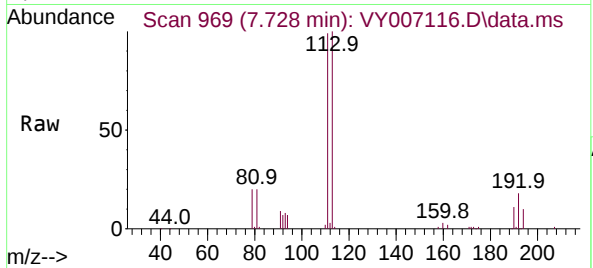




#35
Dibromofluoromethane
Concen: 48.857 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007116.D
Acq: 11 Jan 2022 15:37

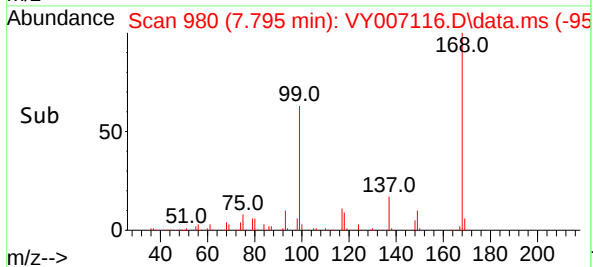
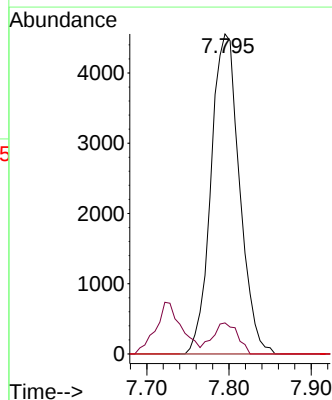
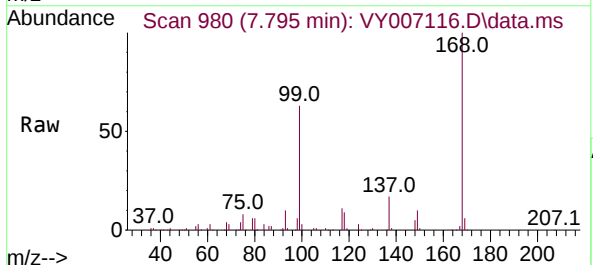
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ClientSampleId :
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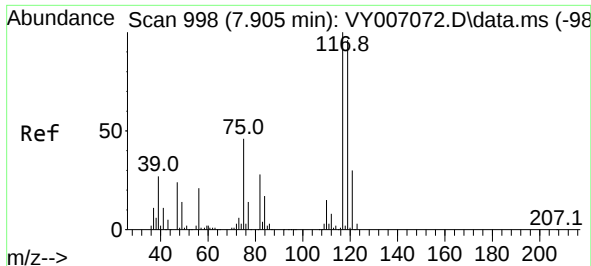
Tgt Ion:	113	Resp:	74588
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.4
192	17.7	14.2	21.4



#36
1,1-Dichloropropene
Concen: 4.529 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY007116.D
Acq: 11 Jan 2022 15:37

Tgt Ion:	75	Resp:	10956
Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.3	51.9#
77	0.0	24.7	37.1#

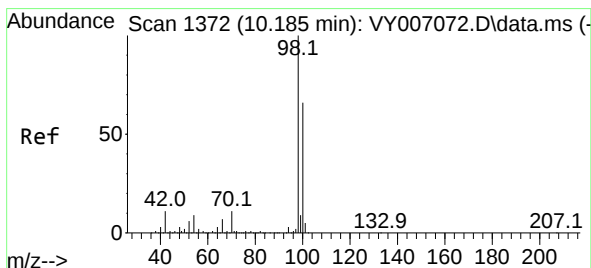
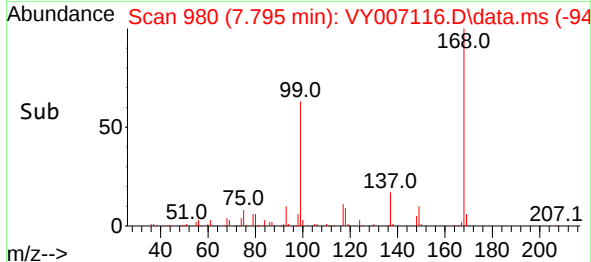
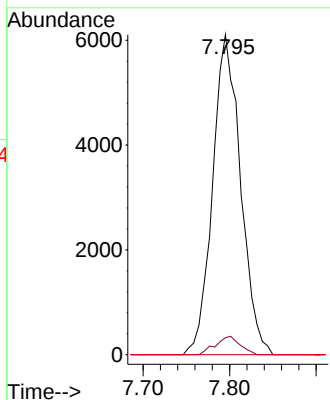
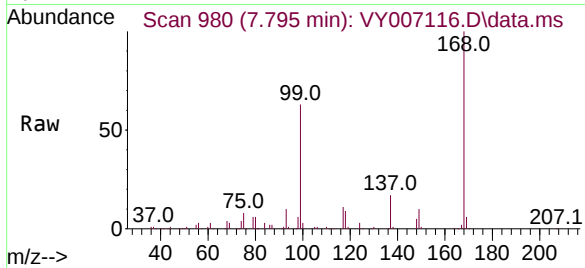




#38
Carbon Tetrachloride
Concen: 5.412 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007116.D
Acq: 11 Jan 2022 15:37

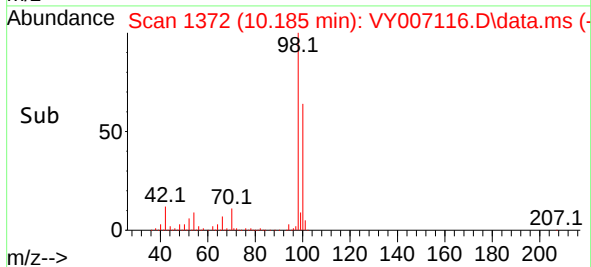
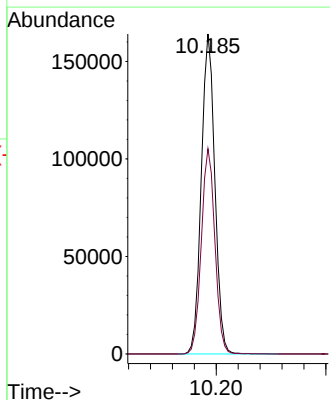
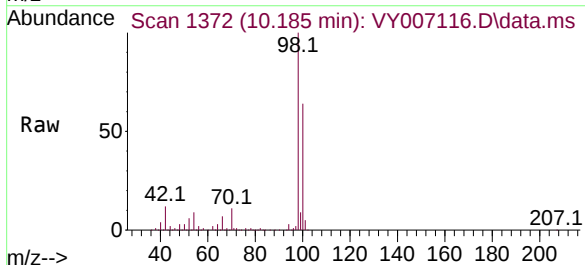
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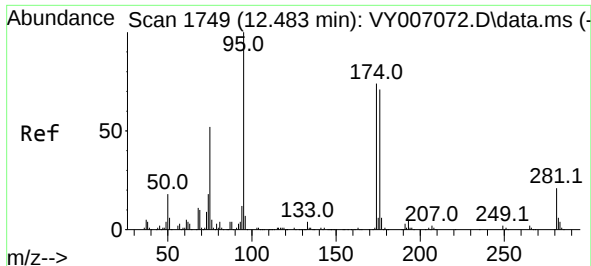
Tgt Ion:117 Resp: 13679
Ion Ratio Lower Upper
117 100
119 5.3 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.785 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007116.D
Acq: 11 Jan 2022 15:37

Tgt Ion: 98 Resp: 280744
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2

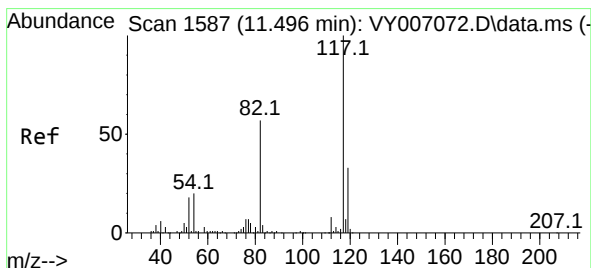
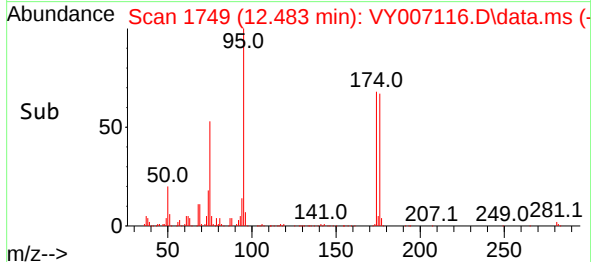
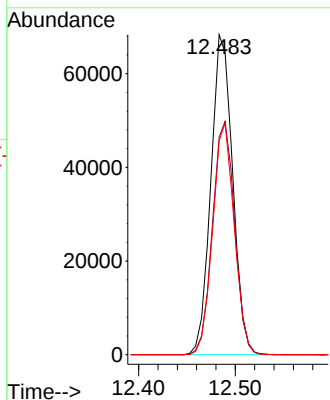
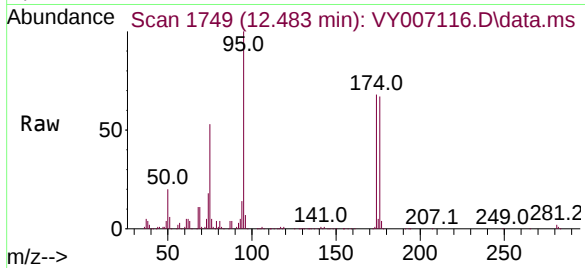




#62
4-Bromofluorobenzene
Concen: 52.362 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007116.D
Acq: 11 Jan 2022 15:37

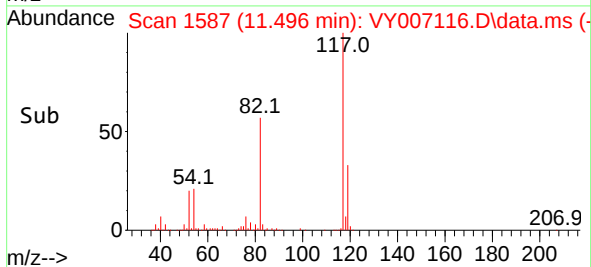
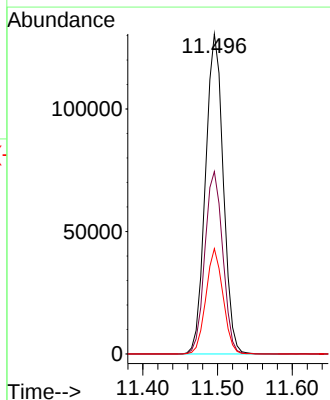
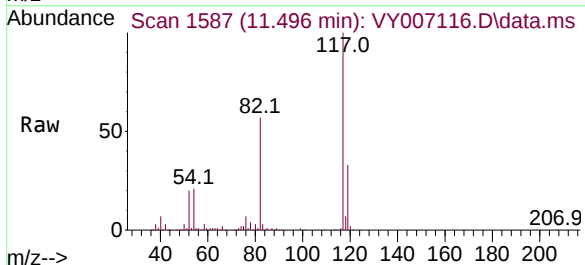
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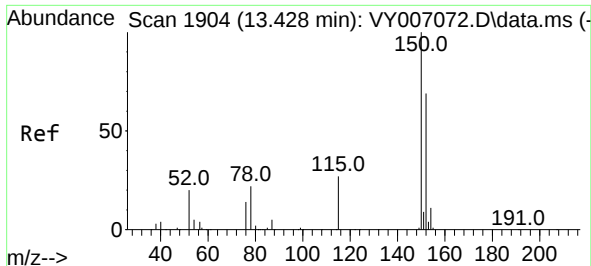
Tgt Ion: 95 Resp: 106492
Ion Ratio Lower Upper
95 100
174 74.2 0.0 148.4
176 71.4 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY007116.D
Acq: 11 Jan 2022 15:37

Tgt Ion: 117 Resp: 215605
Ion Ratio Lower Upper
117 100
82 57.0 45.4 68.0
119 32.9 26.4 39.6

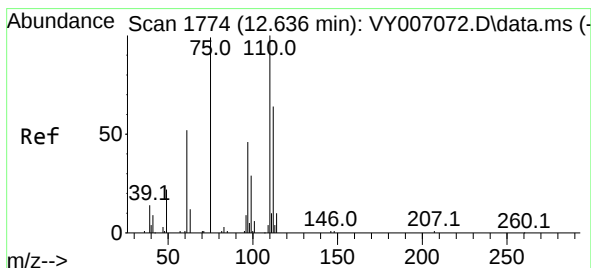
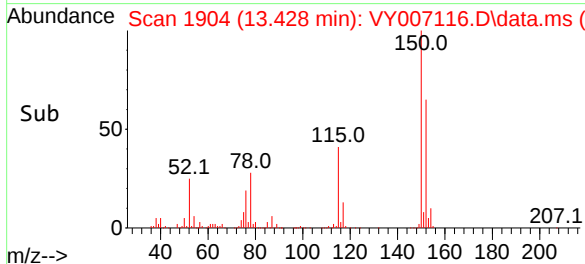
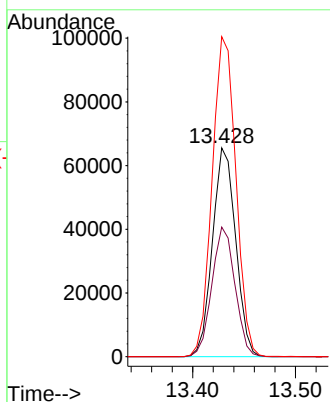
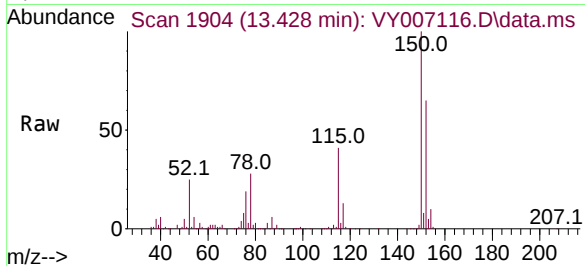




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY007116.D
 Acq: 11 Jan 2022 15:37

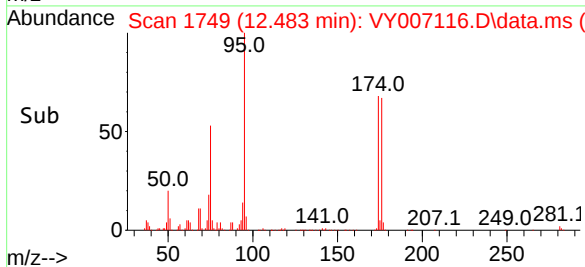
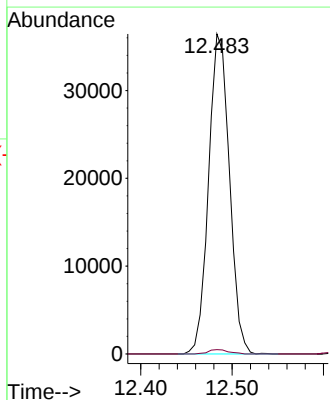
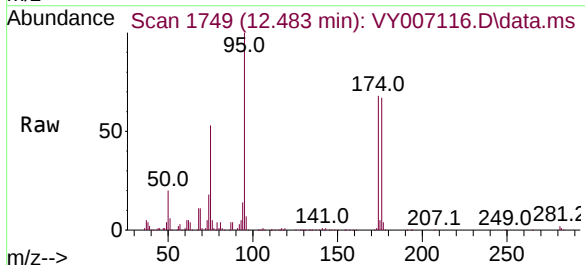
Instrument :
 MSVOA_Y
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 VACLOT-BACKFILL-TILCON-02

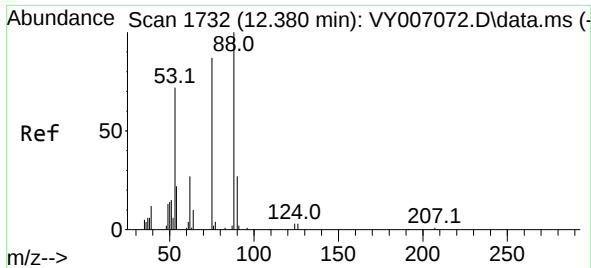
Tgt Ion:152 Resp: 102734
 Ion Ratio Lower Upper
 152 100
 115 61.8 31.4 94.0
 150 156.9 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 49.113 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007116.D
 Acq: 11 Jan 2022 15:37

Tgt Ion: 75 Resp: 57585
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.247 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007116.D
 Acq: 11 Jan 2022 15:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VACLOT-BACKFILL-TILCON-02

Tgt Ion: 75 Resp: 57585
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.0 0.0 0.0

