

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005702.D
 Acq On : 17 Aug 2021 05:03
 Operator : SY/MD
 Sample : M3388-01
 Misc : 5.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-215

Quant Time: Aug 17 05:25:05 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)

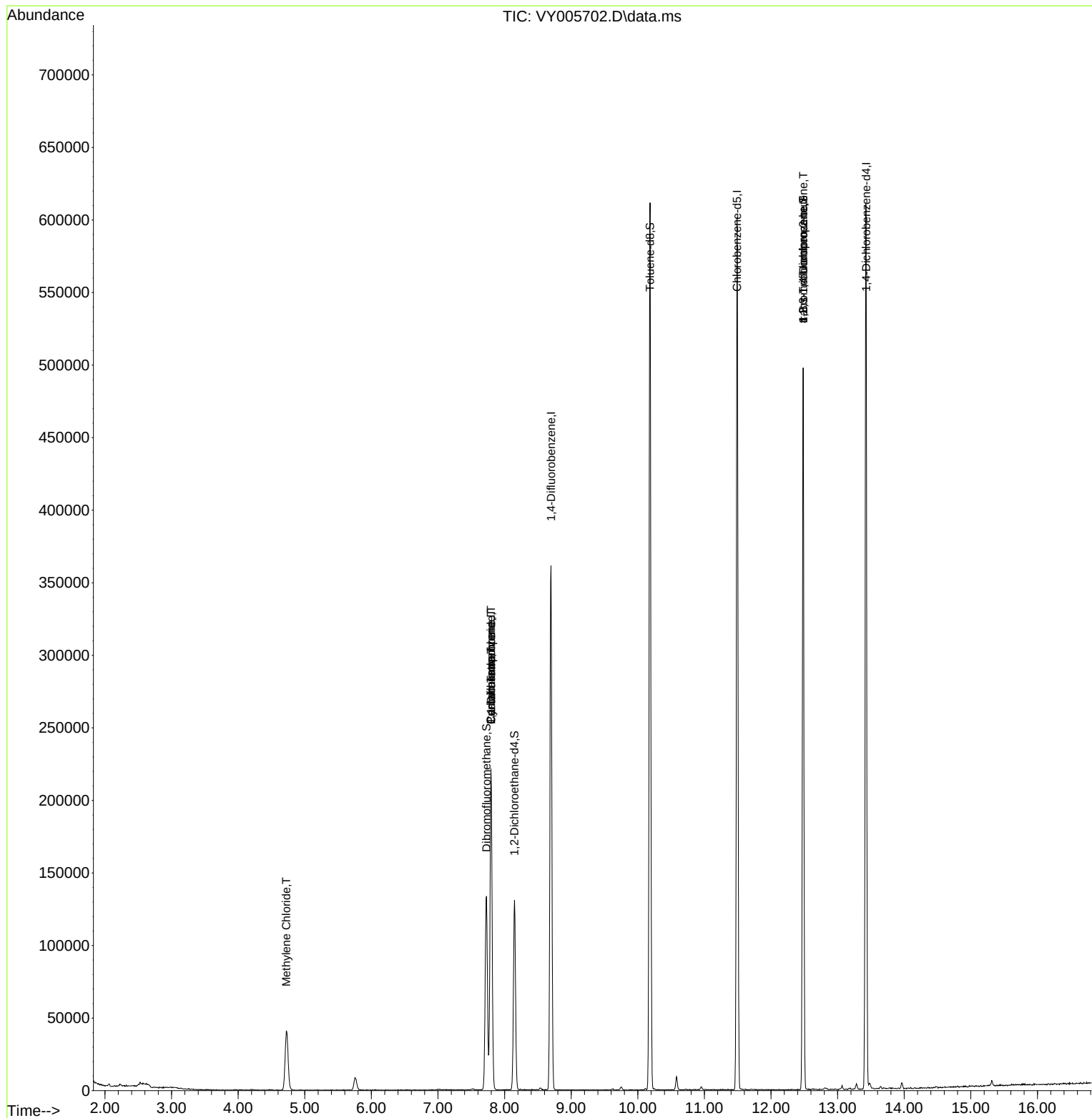
Internal Standards						
1) Pentafluorobenzene	7.795	168	176282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	306178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	315153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	160885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	105014	58.851	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.700%
35) Dibromofluoromethane	7.728	113	90264	52.656	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.320%
50) Toluene-d8	10.185	98	396167	55.105	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.200%
62) 4-Bromofluorobenzene	12.483	95	135034	56.719	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.440%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.722	84	31178	12.996	ug/l	95
31) Cyclohexane	7.795	56	3629	1.186	ug/l #	41
36) 1,1-Dichloropropene	7.795	75	12646	4.404	ug/l #	50
38) Carbon Tetrachloride	7.795	117	16126	5.167	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	75369	45.206	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	75369	91.130	ug/l #	11

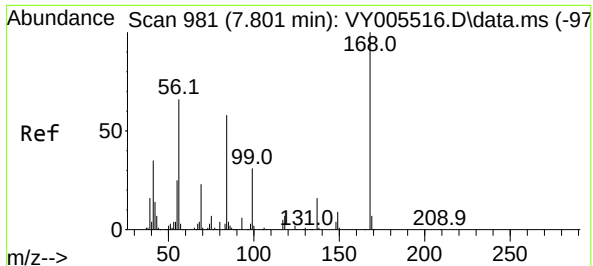
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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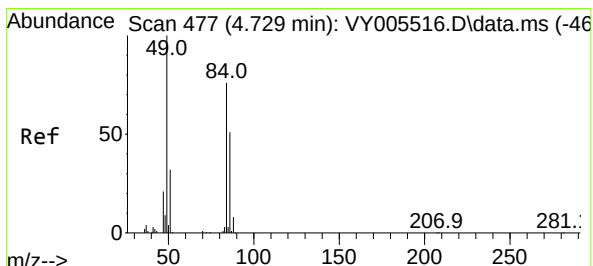
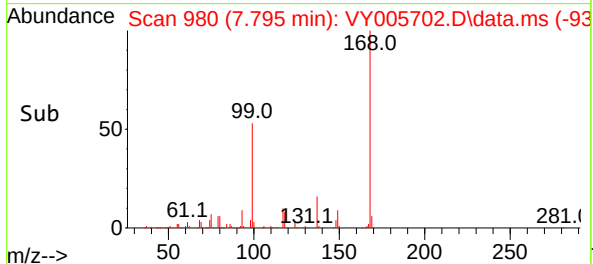
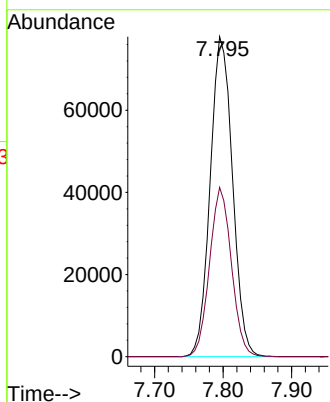
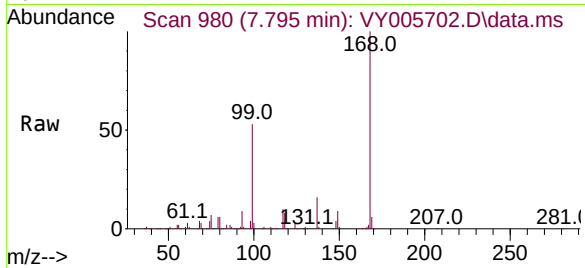




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005702.D
Acq: 17 Aug 2021 05:03

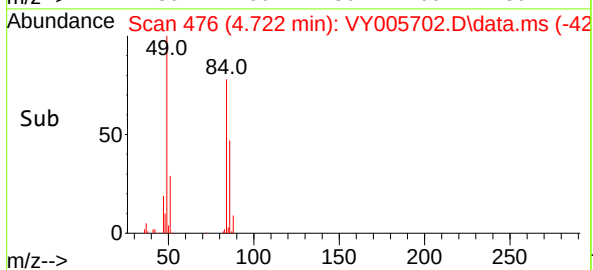
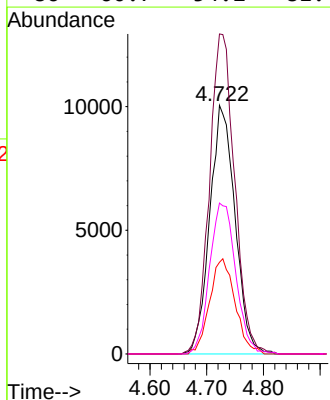
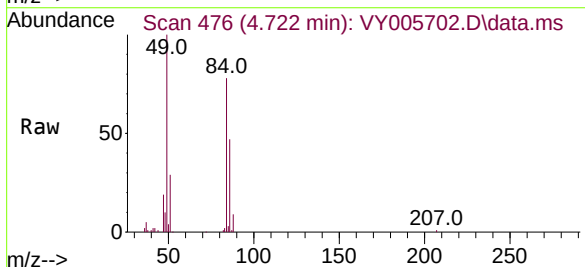
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-215

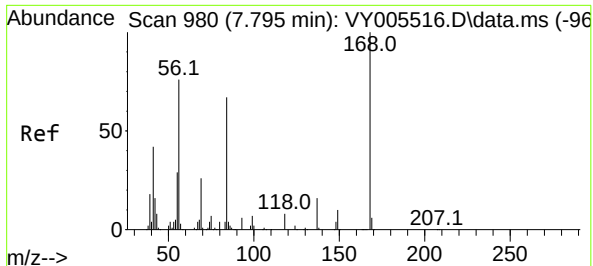
Tgt Ion:168 Resp: 176282
Ion Ratio Lower Upper
168 100
99 52.9 38.9 58.3



#20
Methylene Chloride
Concen: 12.996 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005702.D
Acq: 17 Aug 2021 05:03

Tgt Ion: 84 Resp: 31178
Ion Ratio Lower Upper
84 100
49 128.7 105.8 158.6
51 36.9 33.4 50.2
86 60.7 54.2 81.4

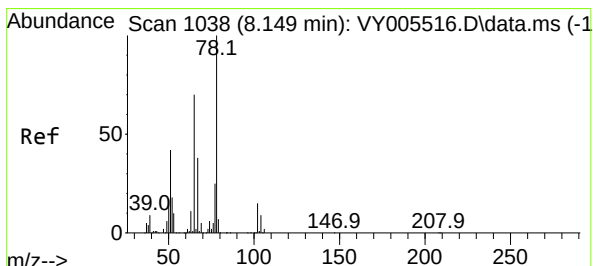
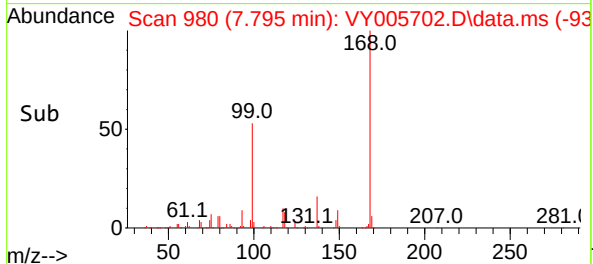
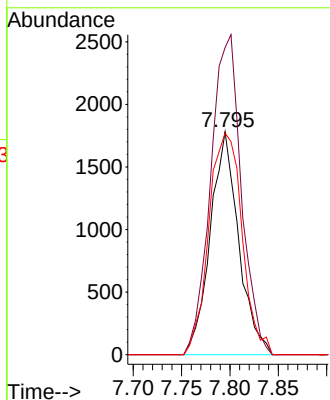
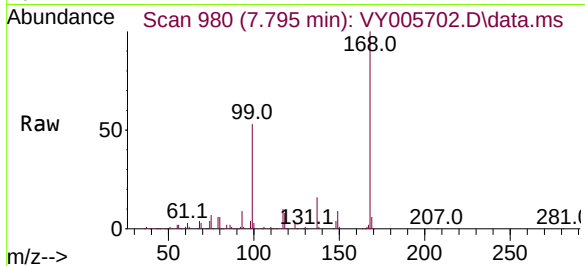




#31
Cyclohexane
Concen: 1.186 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005702.D
Acq: 17 Aug 2021 05:03

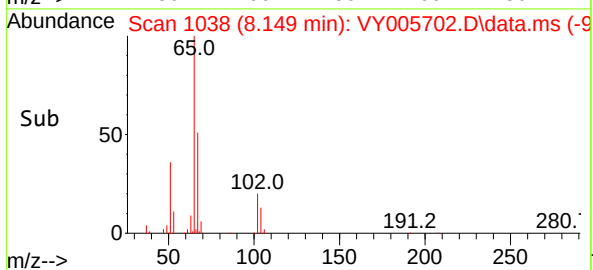
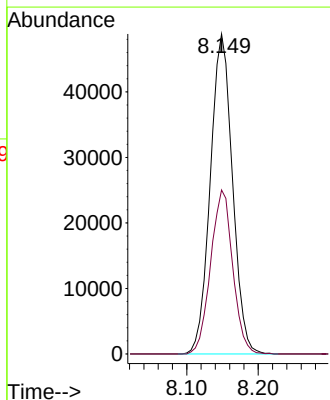
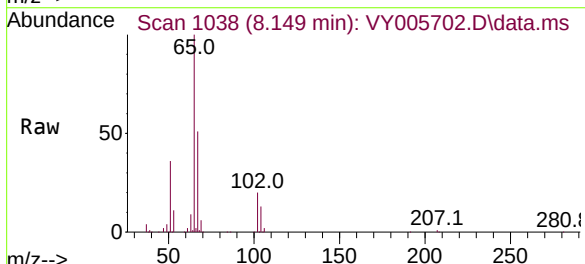
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-215

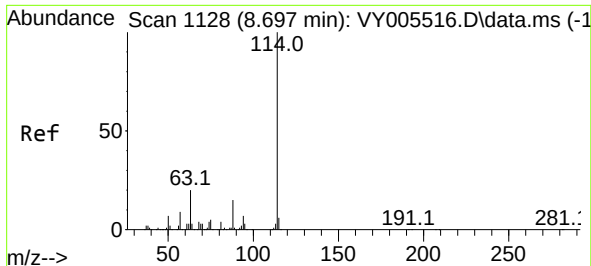
Tgt Ion: 56 Resp: 3629
Ion Ratio Lower Upper
56 100
69 137.7 27.7 41.5#
84 99.5 70.9 106.3



#33
1,2-Dichloroethane-d4
Concen: 58.851 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005702.D
Acq: 17 Aug 2021 05:03

Tgt Ion: 65 Resp: 105014
Ion Ratio Lower Upper
65 100
67 51.0 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: VY005702.D

Acq: 17 Aug 2021 05:03

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-215

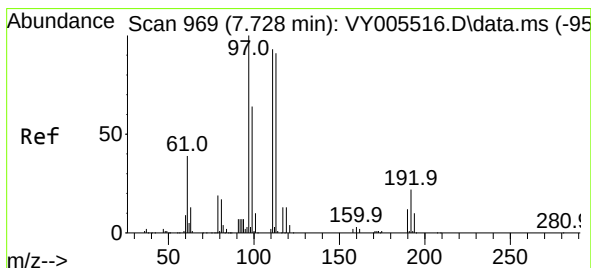
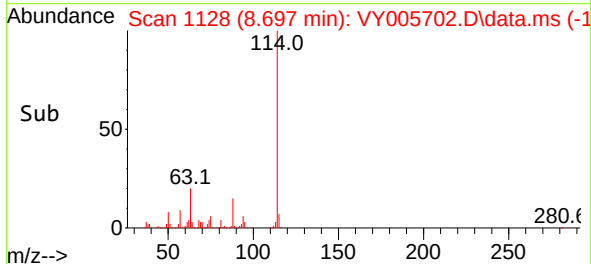
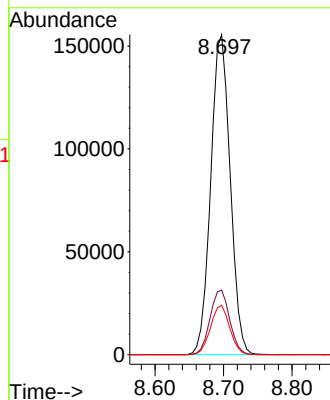
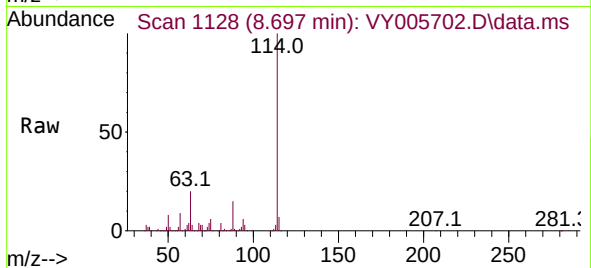
Tgt Ion:114 Resp: 306178

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.2

88 15.4 0.0 30.8



#35

Dibromofluoromethane

Concen: 52.656 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY005702.D

Acq: 17 Aug 2021 05:03

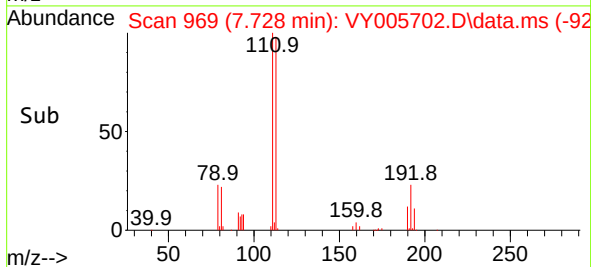
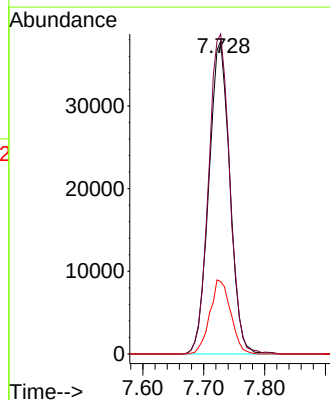
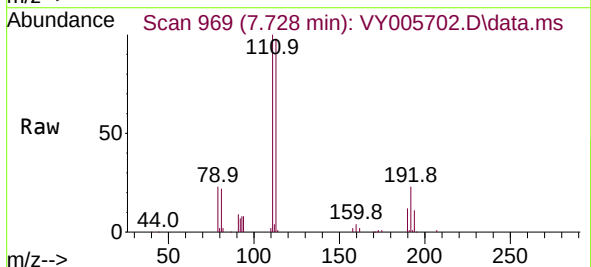
Tgt Ion:113 Resp: 90264

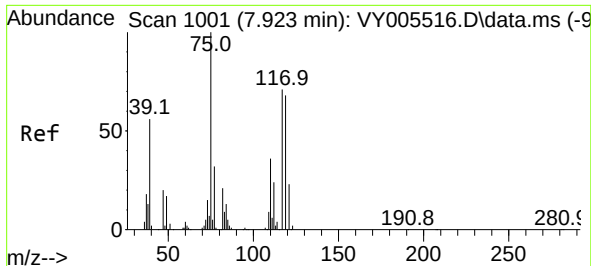
Ion Ratio Lower Upper

113 100

111 103.8 81.9 122.9

192 23.6 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.404 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005702.D

Acq: 17 Aug 2021 05:03

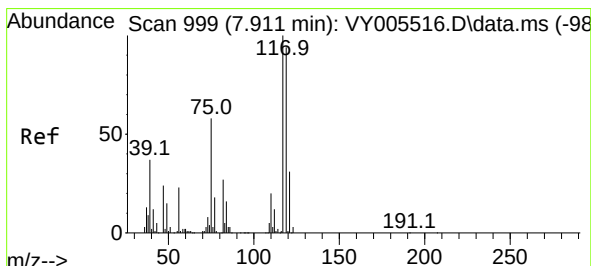
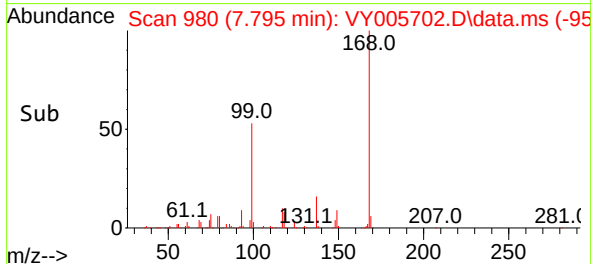
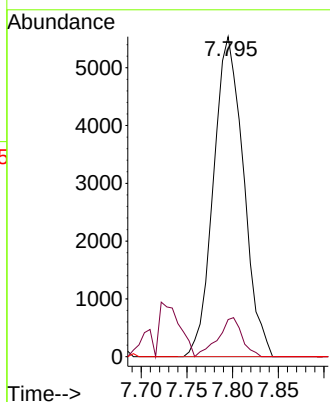
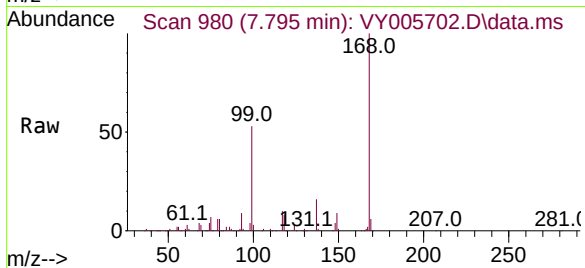
Instrument :

MSVOA_Y

ClientSampleId :

VNJ-215

Tgt Ion:	75	Resp:	12646
Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.1#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.167 ug/l

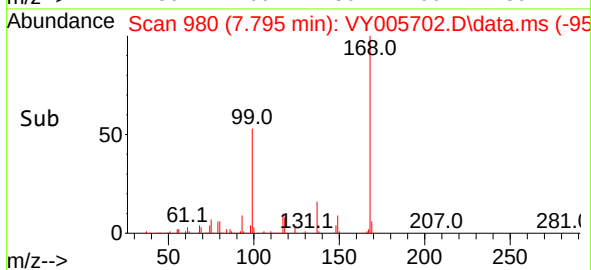
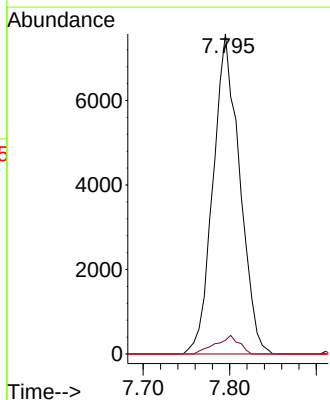
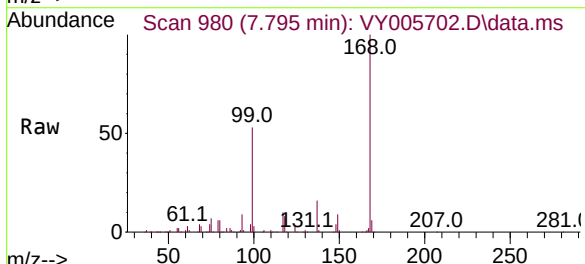
RT: 7.795 min Scan# 980

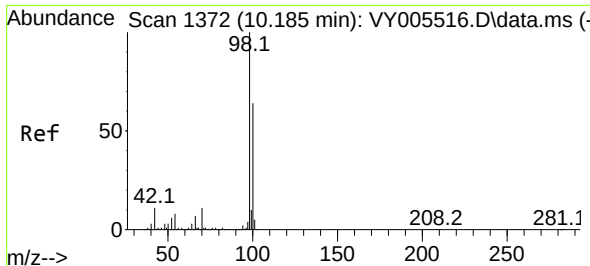
Delta R.T. -0.116 min

Lab File: VY005702.D

Acq: 17 Aug 2021 05:03

Tgt Ion:	117	Resp:	16126
Ion	Ratio	Lower	Upper
117	100		
119	4.3	75.4	113.0#
121	0.0	25.1	37.7#

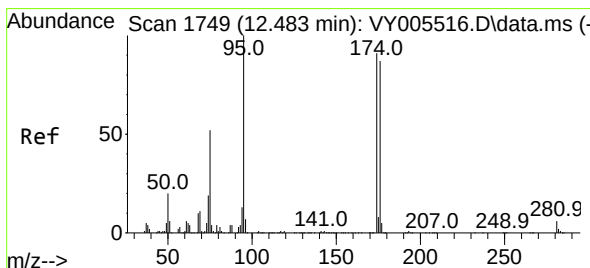
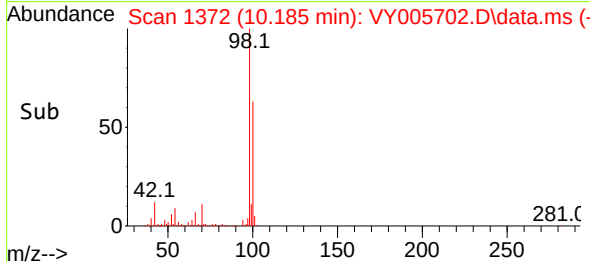
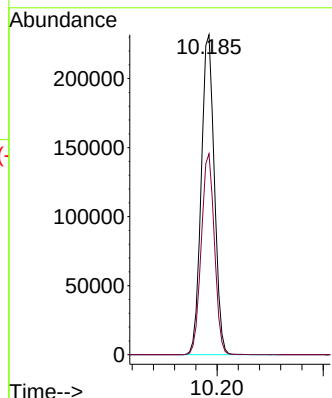
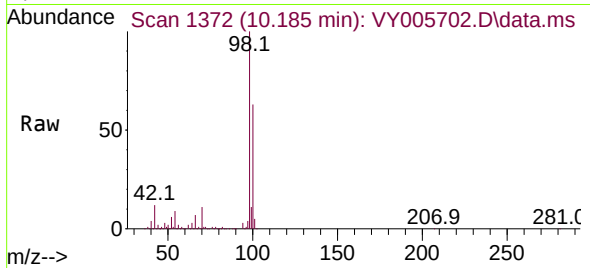




#50
Toluene-d8
Concen: 55.105 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005702.D
Acq: 17 Aug 2021 05:03

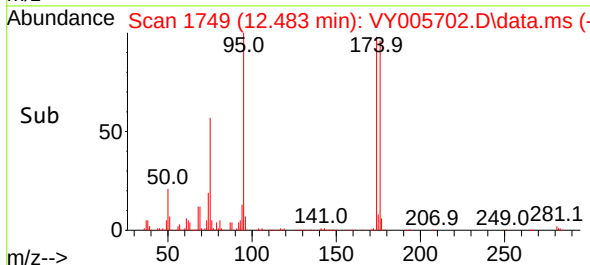
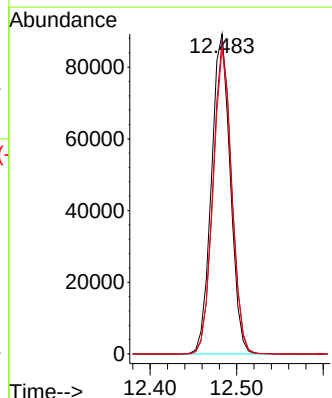
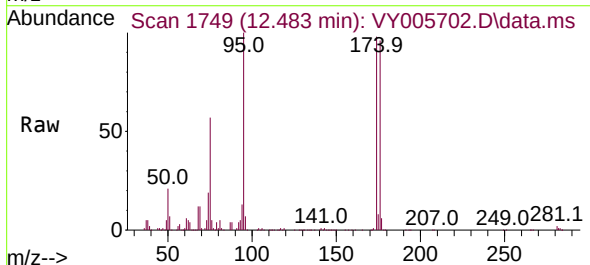
Instrument :
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ClientSampleId :
VNJ-215

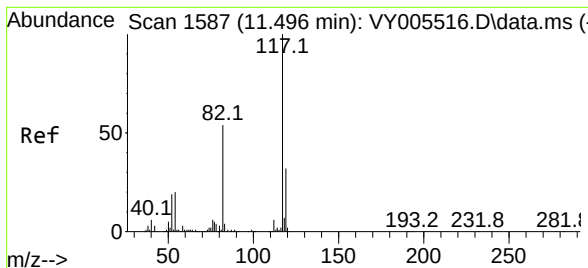
Tgt Ion: 98 Resp: 396167
Ion Ratio Lower Upper
98 100
100 63.2 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 56.719 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005702.D
Acq: 17 Aug 2021 05:03

Tgt Ion: 95 Resp: 135034
Ion Ratio Lower Upper
95 100
174 96.7 0.0 191.4
176 93.6 0.0 183.6

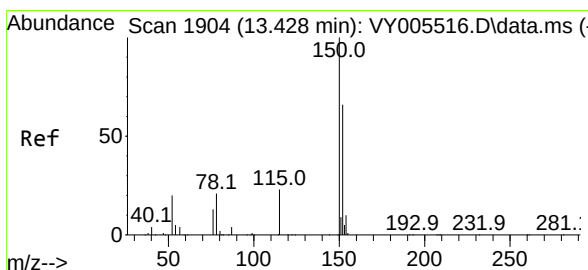
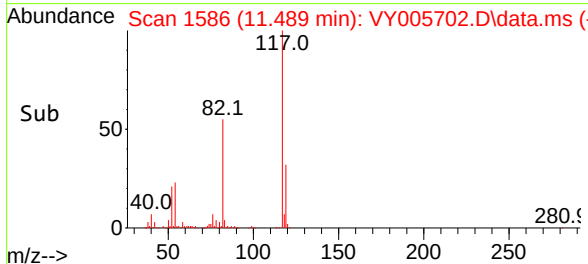
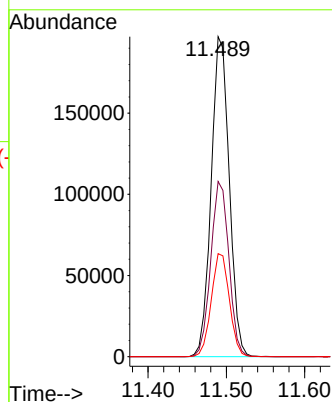
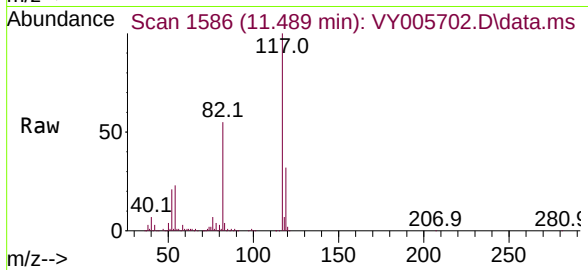




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005702.D
Acq: 17 Aug 2021 05:03

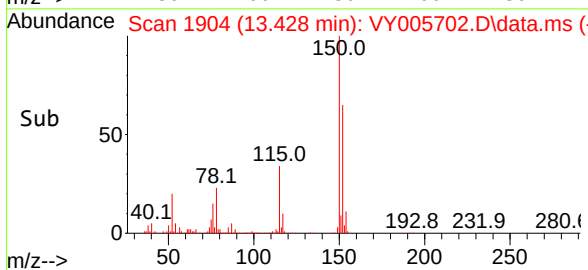
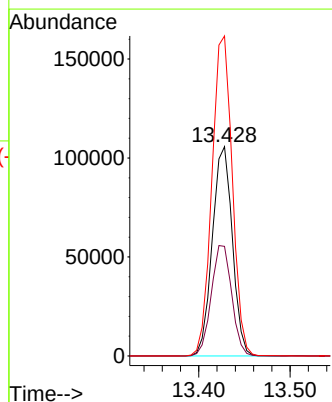
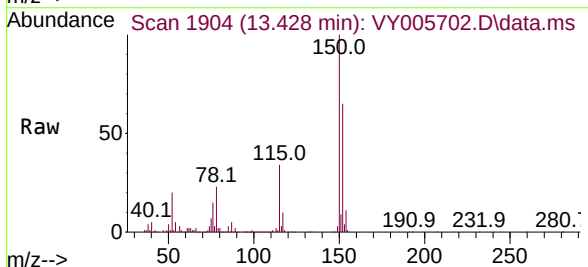
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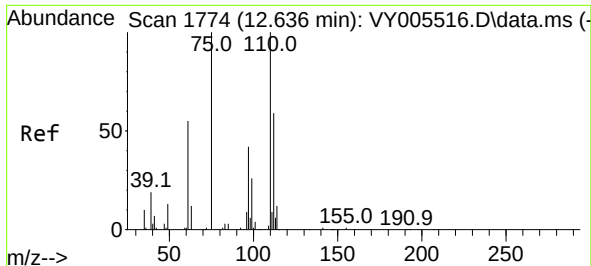
Tgt Ion:117 Resp: 315153
Ion Ratio Lower Upper
117 100
82 54.7 43.5 65.3
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005702.D
Acq: 17 Aug 2021 05:03

Tgt Ion:152 Resp: 160885
Ion Ratio Lower Upper
152 100
115 53.9 27.3 81.9
150 155.4 0.0 350.2

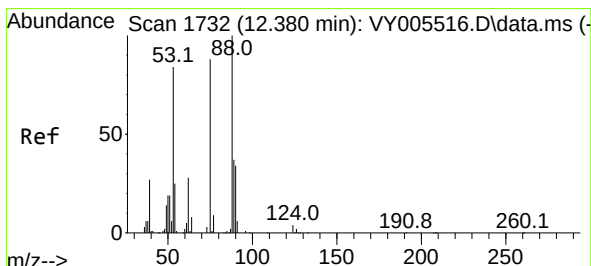
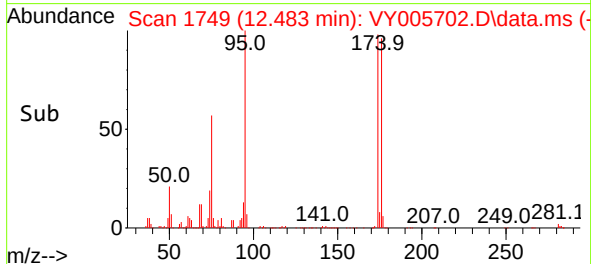
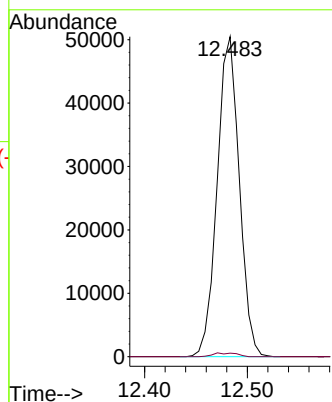
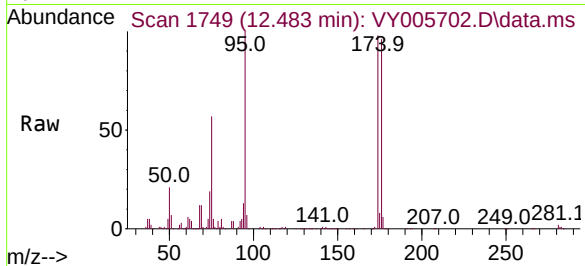




#76
1,2,3-Trichloropropane
Concen: 45.206 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005702.D
Acq: 17 Aug 2021 05:03

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-215

Tgt Ion: 75 Resp: 75369
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.130 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005702.D
Acq: 17 Aug 2021 05:03

Tgt Ion: 75 Resp: 75369
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

