

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
 Data File : VY009587.D
 Acq On : 19 Jul 2022 14:18
 Operator : KP/MD
 Sample : N3716-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-236

Quant Time: Jul 19 15:12:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

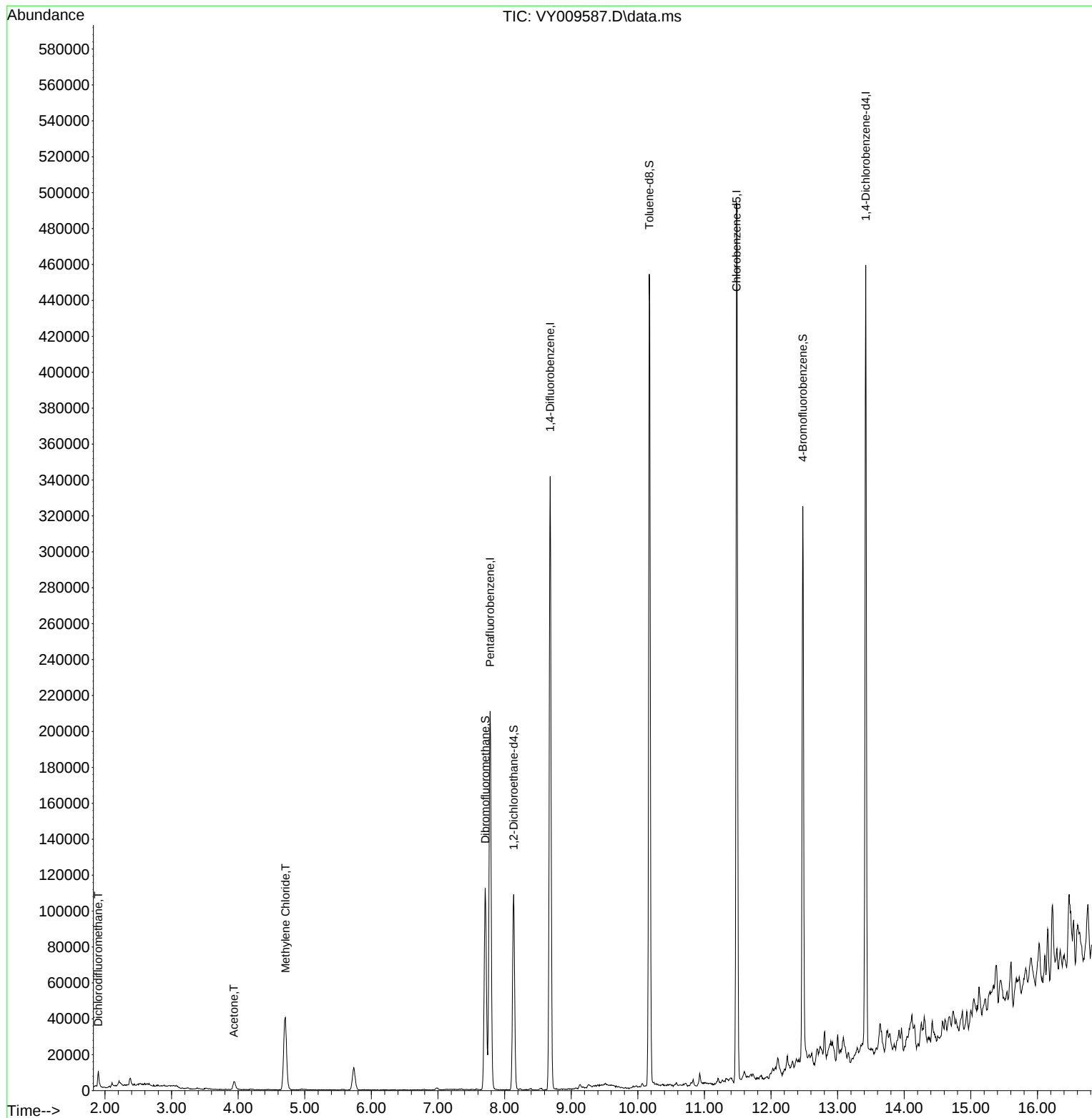
Internal Standards						
1) Pentafluorobenzene	7.783	168	174232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	296164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	273553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	113059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	82657	50.162	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.320%	
35) Dibromofluoromethane	7.710	113	78330	41.981	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 83.960%	
50) Toluene-d8	10.173	98	297980	41.543	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 83.080%	
62) 4-Bromofluorobenzene	12.477	95	90475	38.927	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 77.860%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	6738	4.407	ug/l	96
16) Acetone	3.936	43	8475	20.331	ug/l	92
20) Methylene Chloride	4.710	84	30802	6.024	ug/l #	85

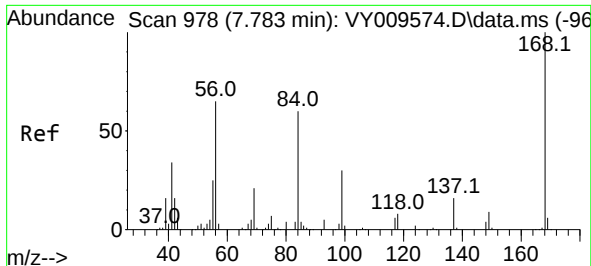
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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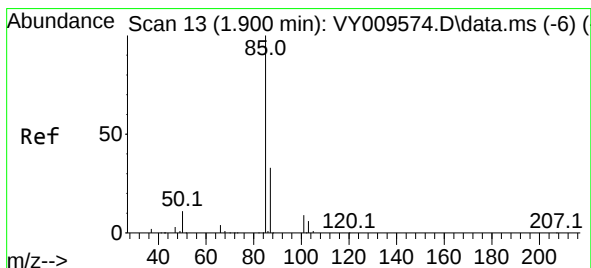
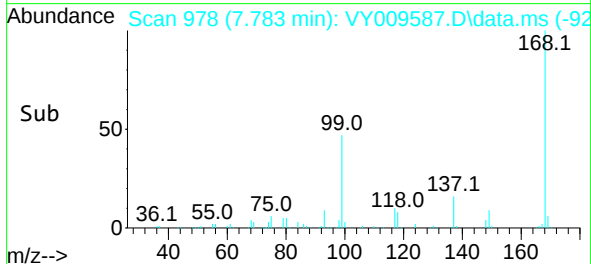
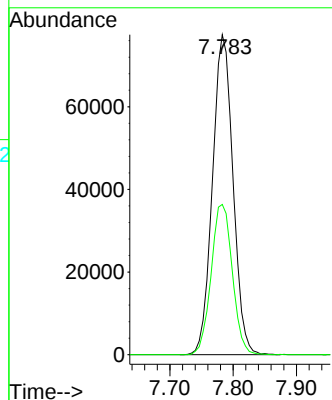
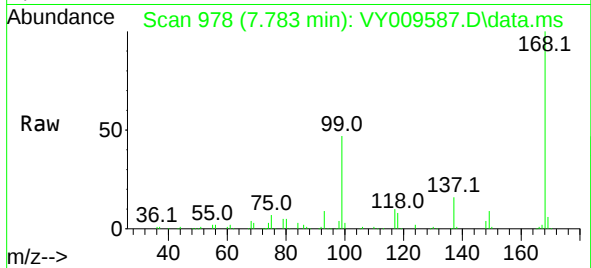




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009587.D
Acq: 19 Jul 2022 14:18

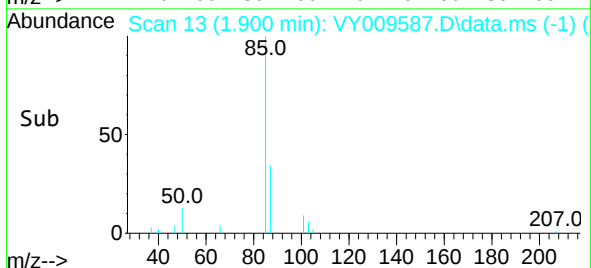
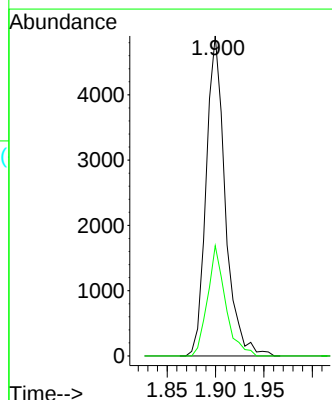
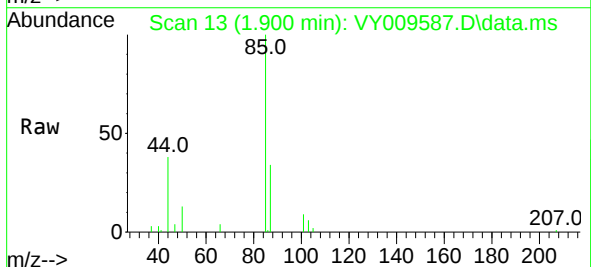
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-236

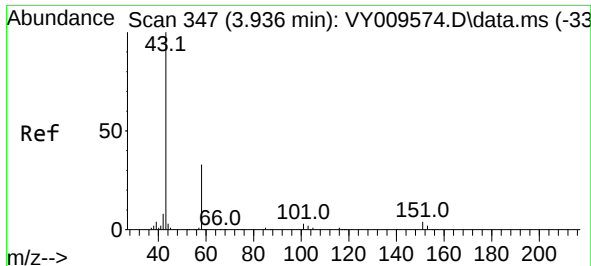
Tgt Ion:168 Resp: 174232
Ion Ratio Lower Upper
168 100
99 47.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 4.407 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009587.D
Acq: 19 Jul 2022 14:18

Tgt Ion: 85 Resp: 6738
Ion Ratio Lower Upper
85 100
87 34.5 16.1 48.2





#16

Acetone

Concen: 20.331 ug/l

RT: 3.936 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY009587.D

Acq: 19 Jul 2022 14:18

Instrument :

MSVOA_Y

ClientSampleId :

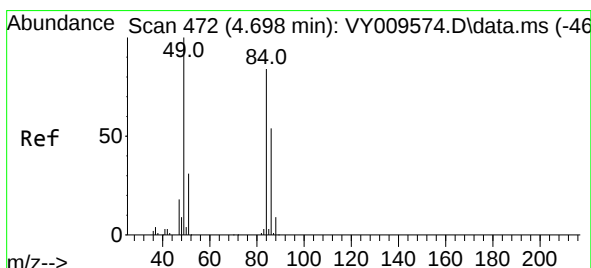
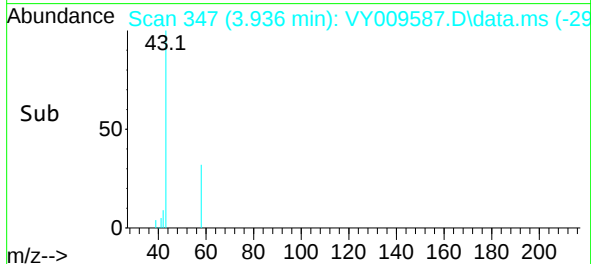
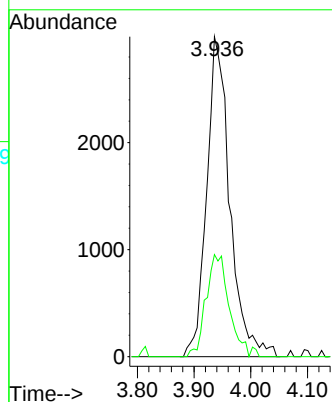
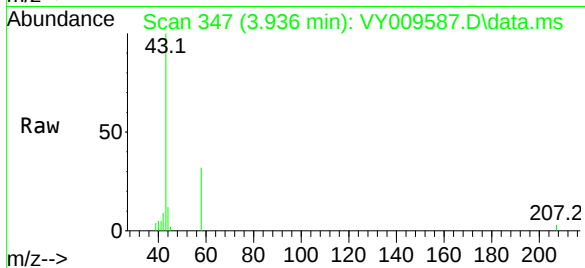
VNJ-236

Tgt Ion: 43 Resp: 8475

Ion Ratio Lower Upper

43 100

58 31.9 22.0 33.0



#20

Methylene Chloride

Concen: 6.024 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.012 min

Lab File: VY009587.D

Acq: 19 Jul 2022 14:18

Tgt Ion: 84 Resp: 30802

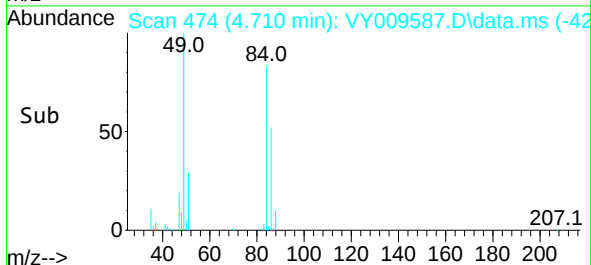
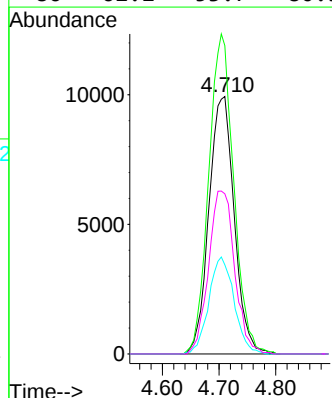
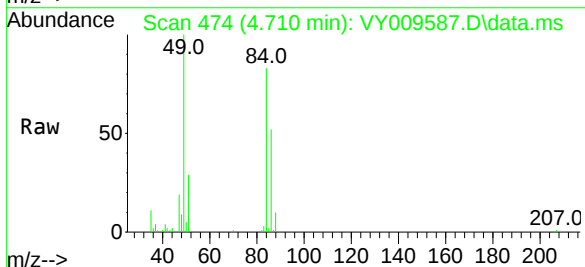
Ion Ratio Lower Upper

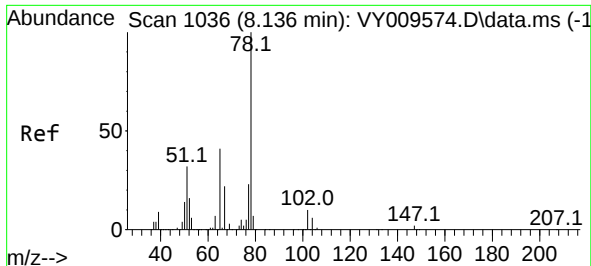
84 100

49 119.8 114.4 171.6

51 34.6 35.3 52.9#

86 62.2 53.7 80.5

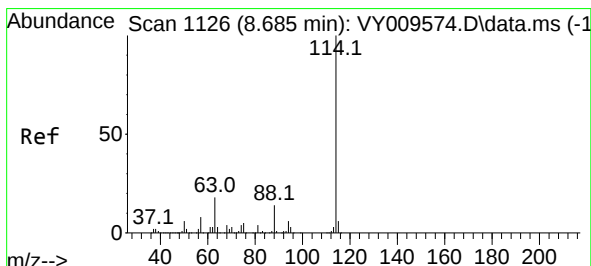
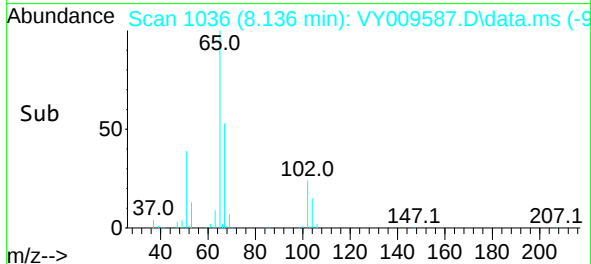
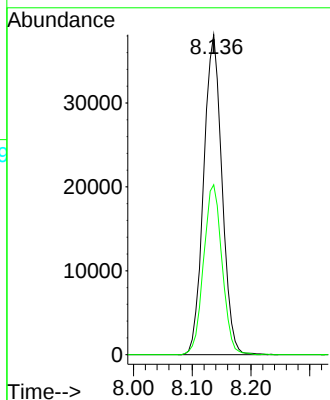
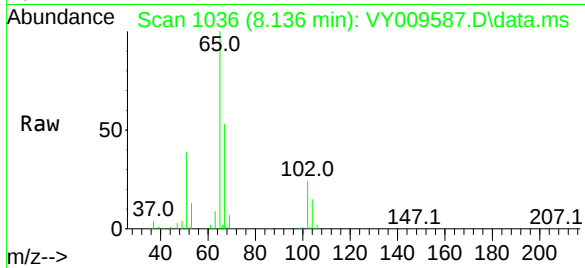




#33
 1,2-Dichloroethane-d4
 Concen: 50.162 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VY009587.D
 Acq: 19 Jul 2022 14:18

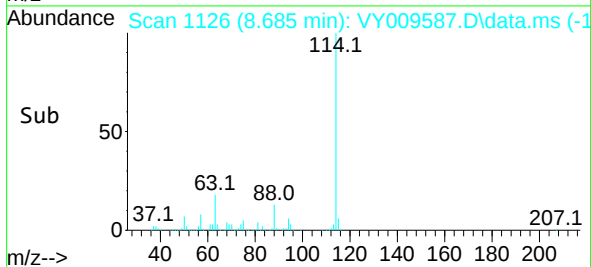
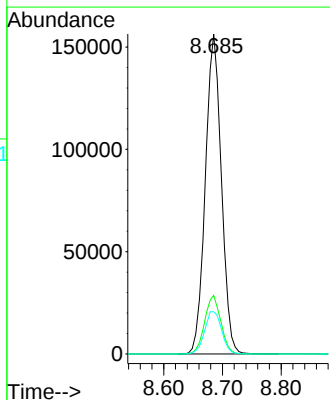
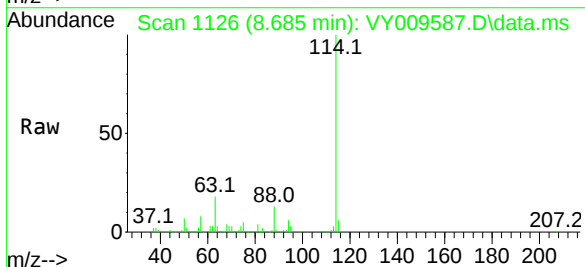
Instrument :
 MSVOA_Y
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 VNJ-236

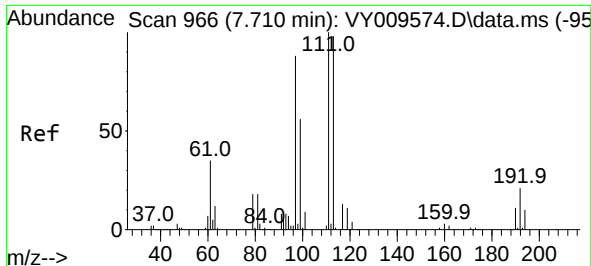
Tgt Ion: 65 Resp: 82657
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY009587.D
 Acq: 19 Jul 2022 14:18

Tgt Ion: 114 Resp: 296164
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 43.2
 88 13.2 0.0 31.8

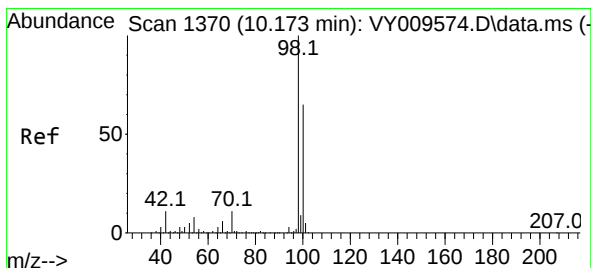
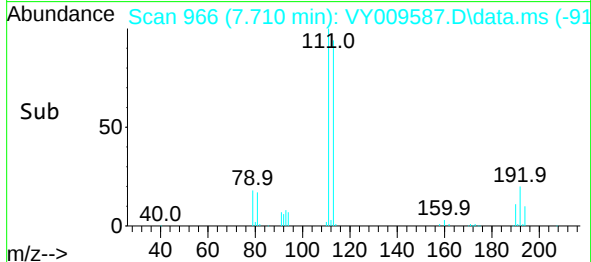
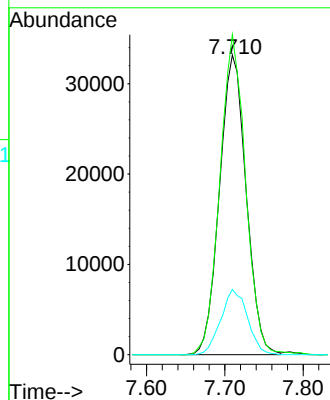
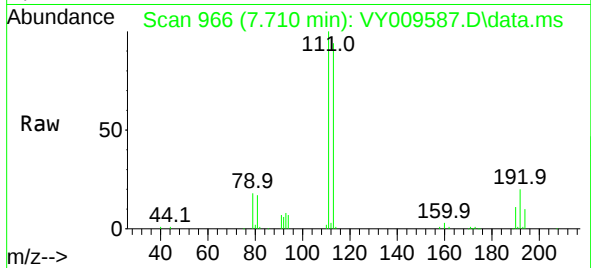




#35
Dibromofluoromethane
Concen: 41.981 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009587.D
Acq: 19 Jul 2022 14:18

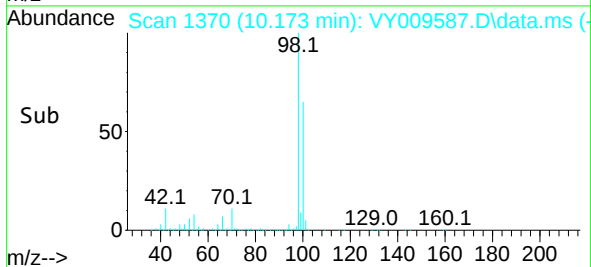
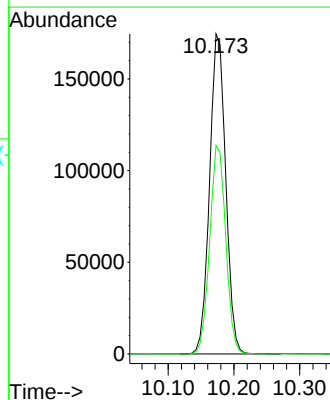
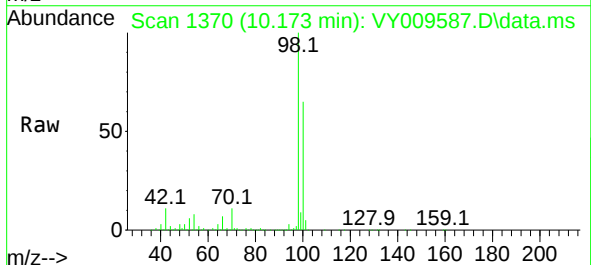
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-236

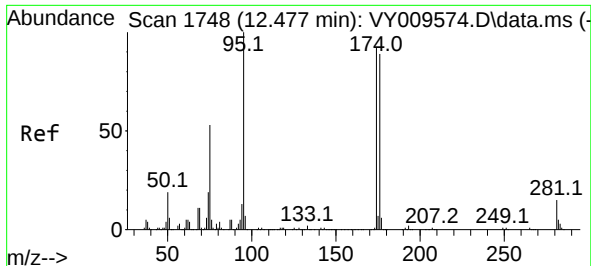
Tgt Ion:113 Resp: 78330
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 21.8 17.6 26.4



#50
Toluene-d8
Concen: 41.543 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009587.D
Acq: 19 Jul 2022 14:18

Tgt Ion: 98 Resp: 297980
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

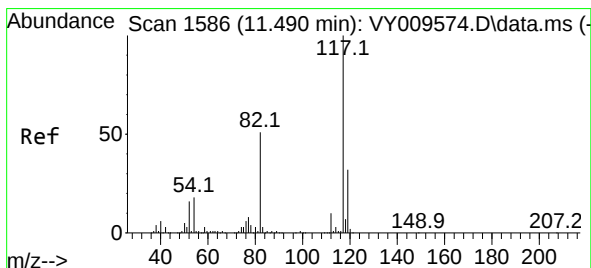
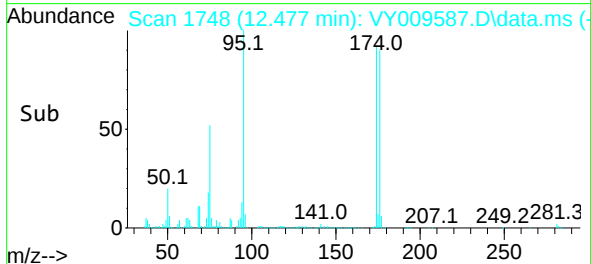
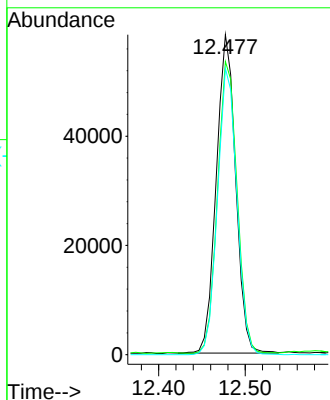
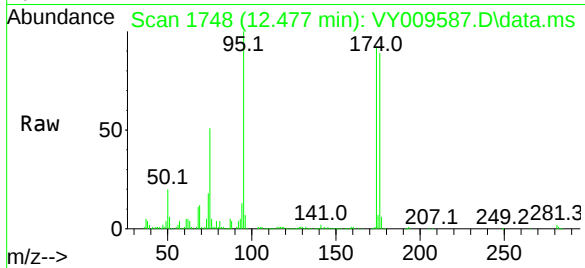




#62
4-Bromofluorobenzene
Concen: 38.927 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009587.D
Acq: 19 Jul 2022 14:18

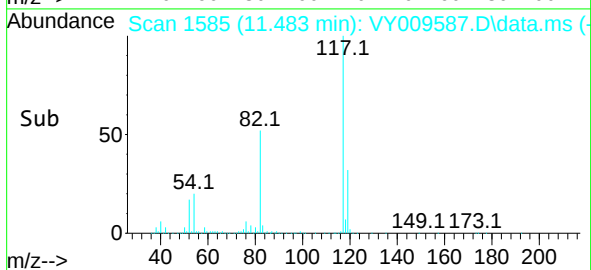
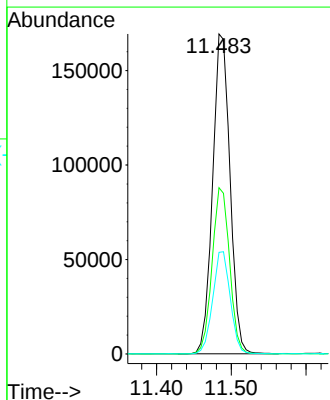
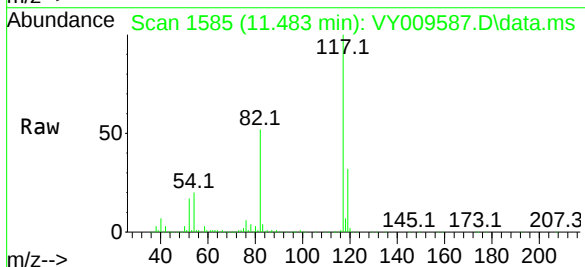
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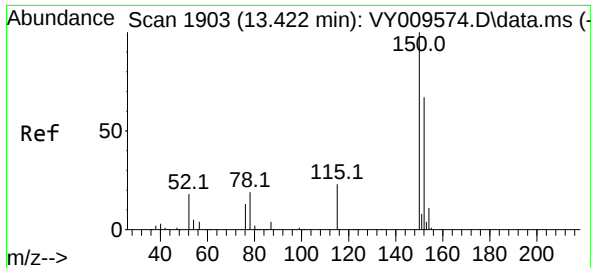
Tgt Ion: 95 Resp: 90475
Ion Ratio Lower Upper
95 100
174 92.7 0.0 177.0
176 89.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY009587.D
Acq: 19 Jul 2022 14:18

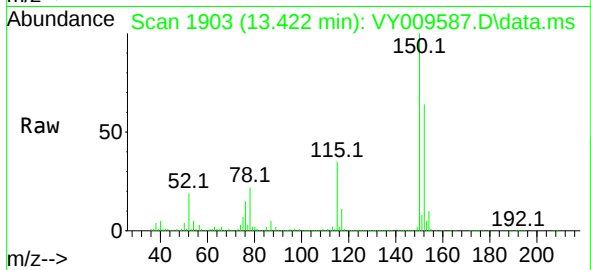
Tgt Ion: 117 Resp: 273553
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 31.7 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009587.D
 Acq: 19 Jul 2022 14:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-236



Tgt Ion:152 Resp: 113059
 Ion Ratio Lower Upper
 152 100
 115 54.5 28.2 84.7
 150 158.3 0.0 347.6

