

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070224\
 Data File : VD079322.D
 Acq On : 02 Jul 2024 16:42
 Operator : RP/MD
 Sample : P3134-01
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-238RE

Quant Time: Jul 03 01:24:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

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

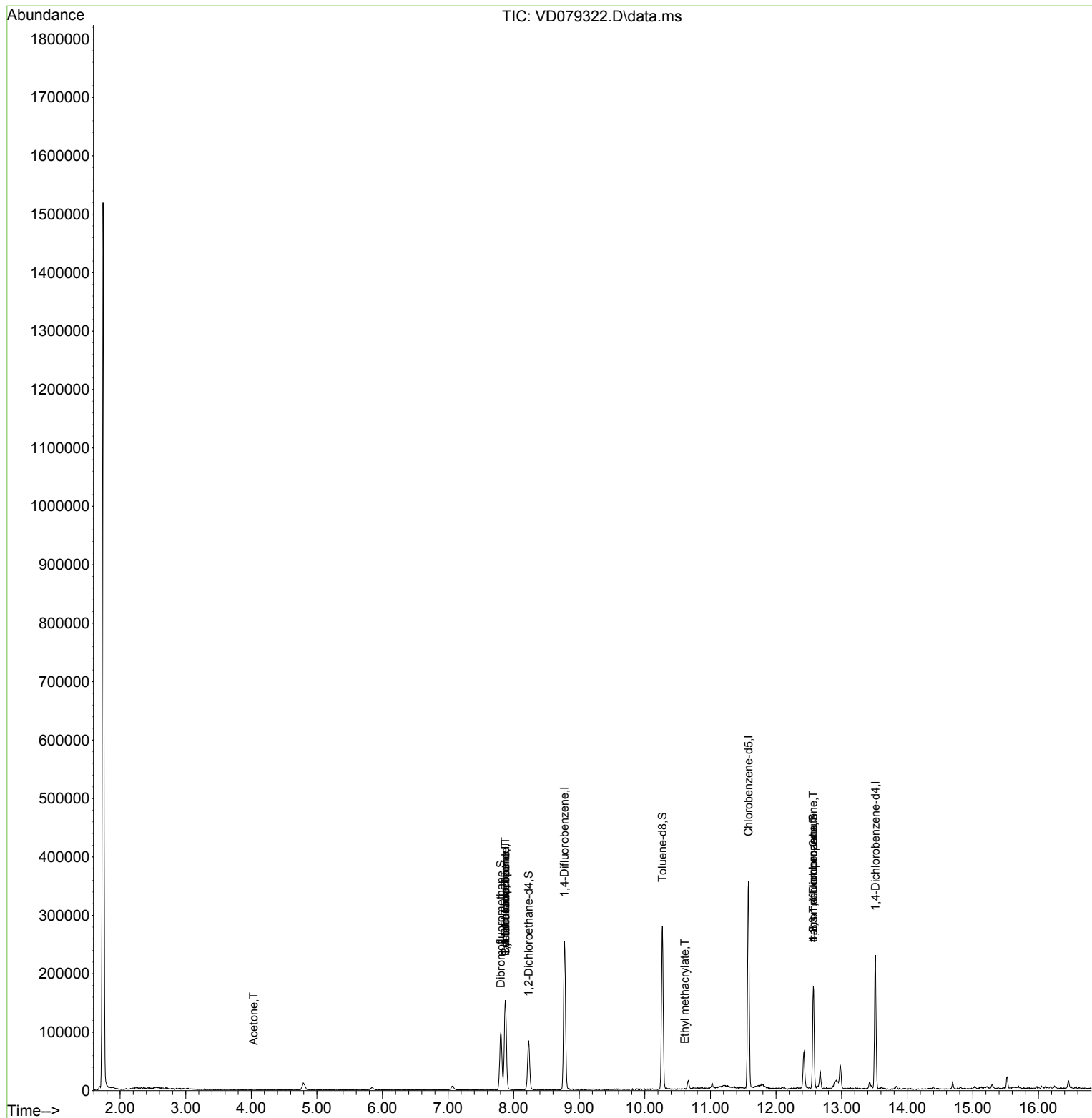
Internal Standards						
1) Pentafluorobenzene	7.875	168	108162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	224447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	204505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	58134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	65503	62.991	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.980%	
35) Dibromofluoromethane	7.804	113	73741	50.053	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.100%	
50) Toluene-d8	10.269	98	200591	37.847	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 75.700%	
62) 4-Bromofluorobenzene	12.569	95	59404	34.953	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 69.900%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.681	94	204	Below Cal	#	2
16) Acetone	4.034	43	1187	4.624	ug/l	93
20) Methylene Chloride	4.804	84	8794	Below Cal		94
31) Cyclohexane	7.875	56	2636	1.146	ug/l	# 20
36) 1,1-Dichloropropene	7.875	75	10431	4.557	ug/l	# 42
38) Carbon Tetrachloride	7.875	117	12400	5.335	ug/l	# 15
56) Ethyl methacrylate	10.610	69	425	3.951	ug/l	# 79
76) 1,2,3-Trichloropropane	12.569	75	29422	50.573	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	29422	93.843	ug/l	# 19

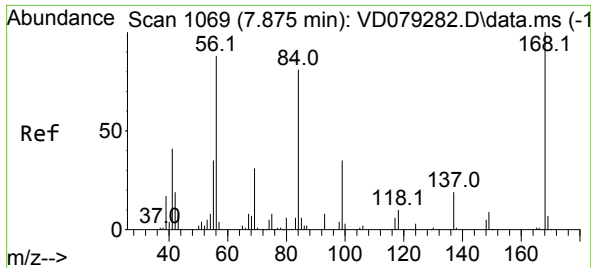
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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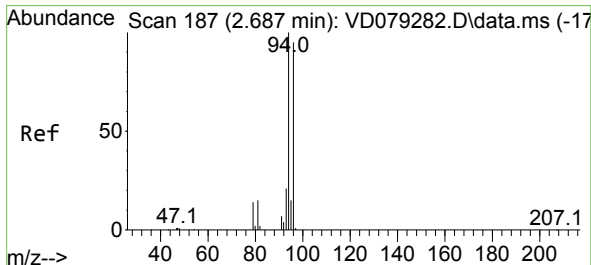
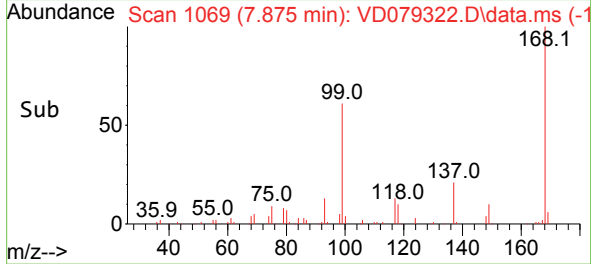
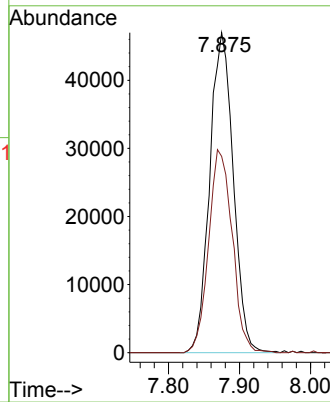
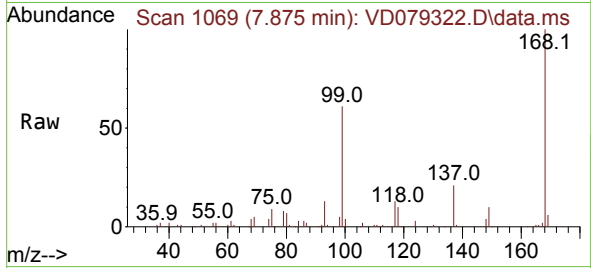




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079322.D
Acq: 02 Jul 2024 16:42

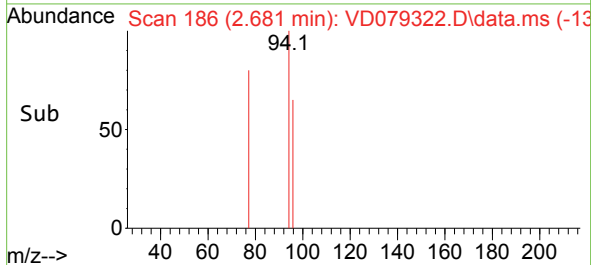
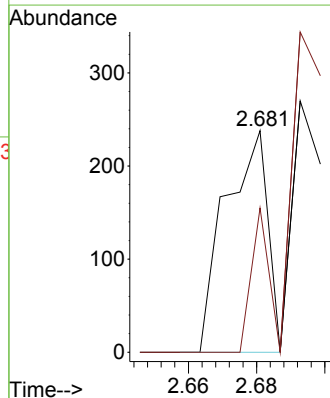
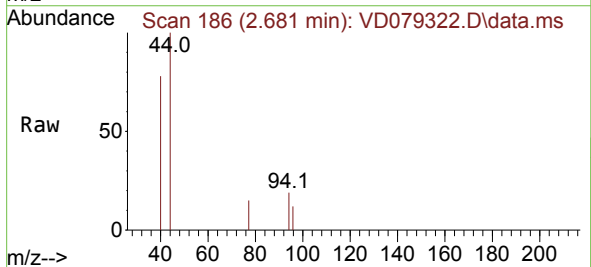
Instrument :
MSVOA_D
ClientSampleId :
VNJ-238RE

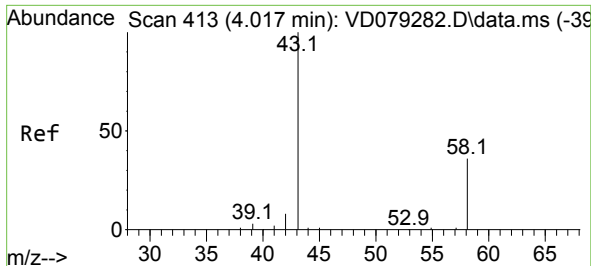
Tgt Ion:168 Resp: 108162
Ion Ratio Lower Upper
168 100
99 61.4 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.681 min Scan# 186
Delta R.T. 0.023 min
Lab File: VD079322.D
Acq: 02 Jul 2024 16:42

Tgt Ion: 94 Resp: 204
Ion Ratio Lower Upper
94 100
96 0.0 76.9 115.3#





#16

Acetone

Concen: 4.624 ug/l

RT: 4.034 min Scan# 41

Delta R.T. 0.017 min

Lab File: VD079322.D

Acq: 02 Jul 2024 16:42

Instrument :

MSVOA_D

ClientSampleId :

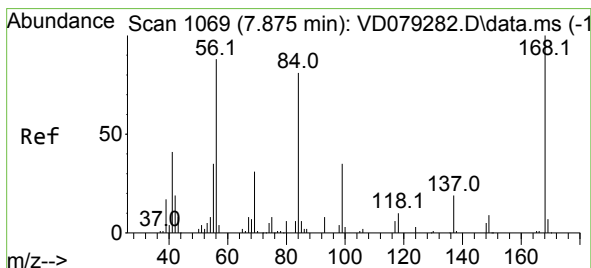
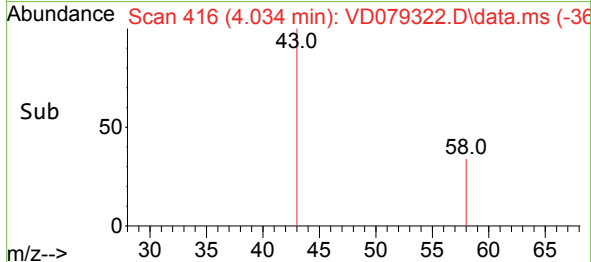
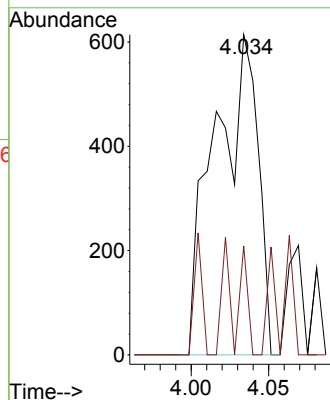
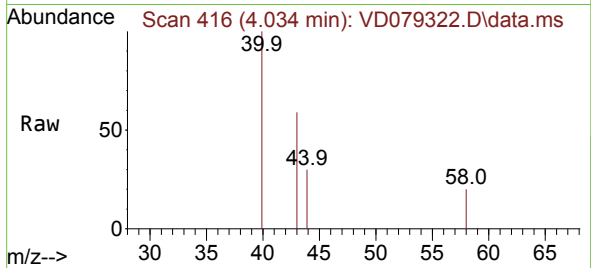
VNJ-238RE

Tgt Ion: 43 Resp: 1187

Ion Ratio Lower Upper

43 100

58 34.0 30.4 45.6



#31

Cyclohexane

Concen: 1.146 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD079322.D

Acq: 02 Jul 2024 16:42

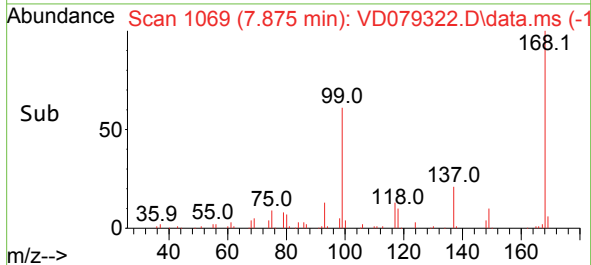
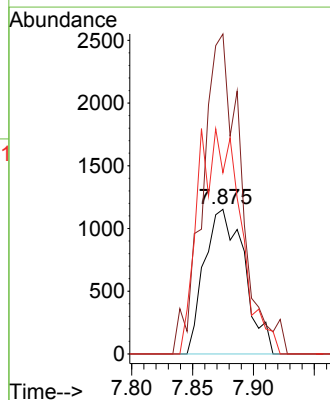
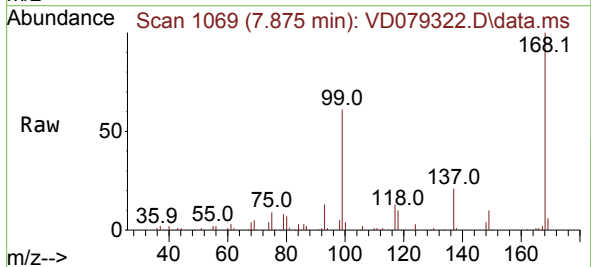
Tgt Ion: 56 Resp: 2636

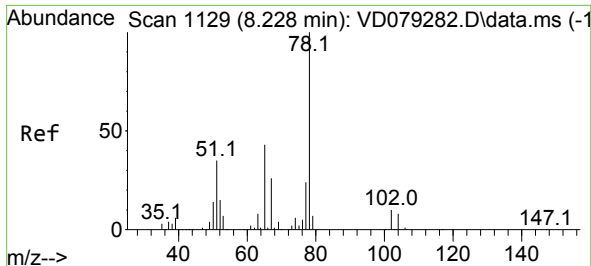
Ion Ratio Lower Upper

56 100

69 197.4 28.0 42.0#

84 125.3 87.4 131.0





#33

1,2-Dichloroethane-d4

Concen: 62.991 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079322.D

Acq: 02 Jul 2024 16:42

Instrument :

MSVOA_D

ClientSampleId :

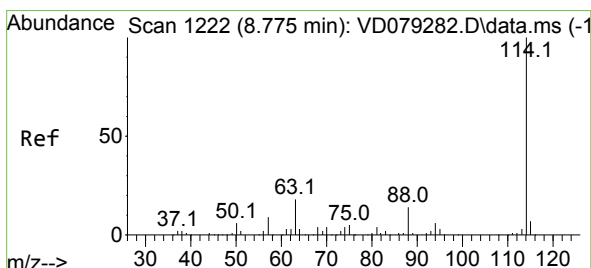
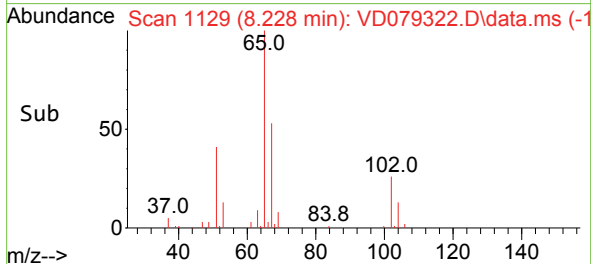
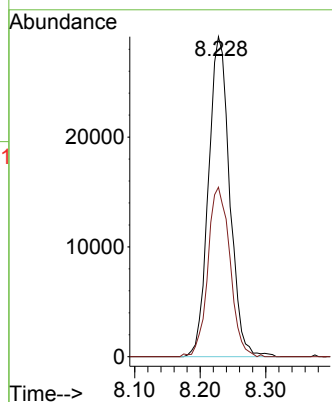
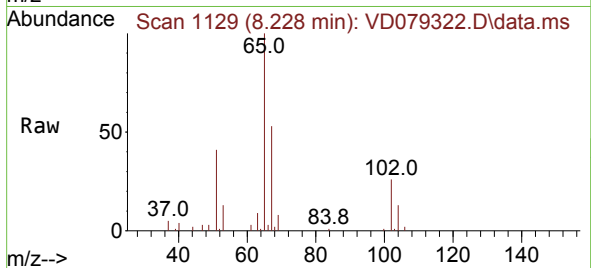
VNJ-238RE

Tgt Ion: 65 Resp: 65503

Ion Ratio Lower Upper

65 100

67 55.1 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079322.D

Acq: 02 Jul 2024 16:42

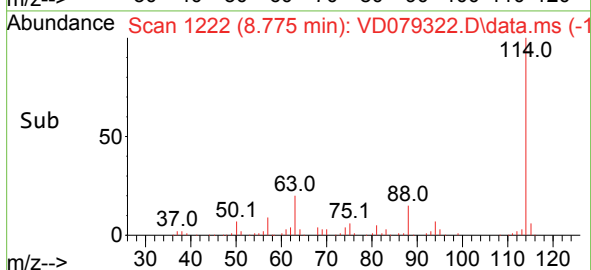
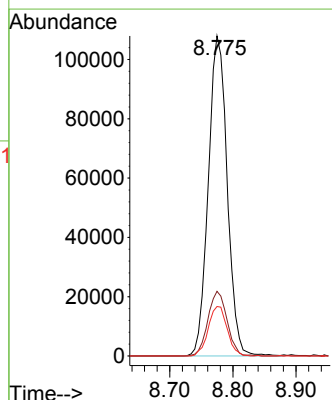
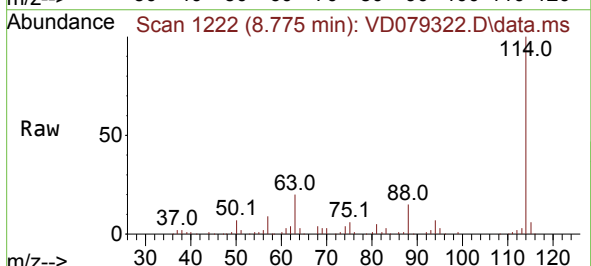
Tgt Ion: 114 Resp: 224447

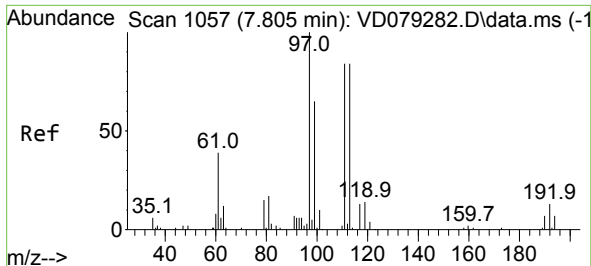
Ion Ratio Lower Upper

114 100

63 20.2 0.0 34.0

88 15.4 0.0 27.2





#35

Dibromofluoromethane

Concen: 50.053 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079322.D

Acq: 02 Jul 2024 16:42

Instrument :

MSVOA_D

ClientSampleId :

VNJ-238RE

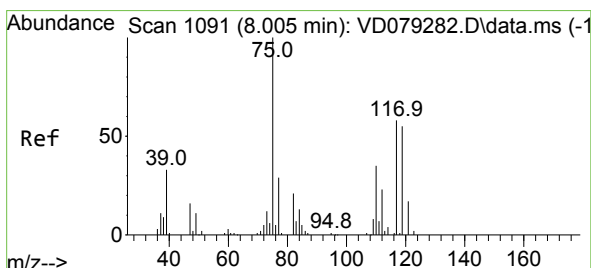
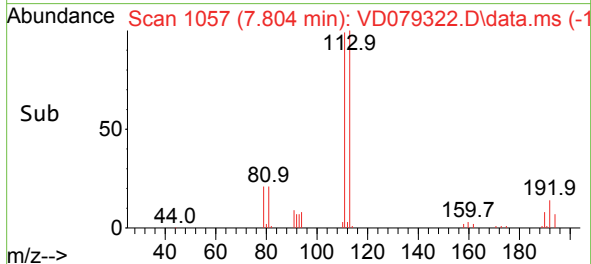
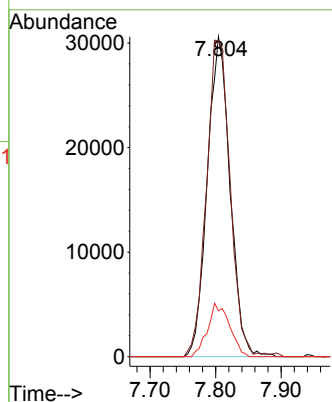
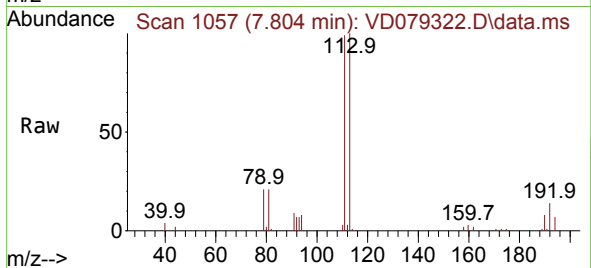
Tgt Ion:113 Resp: 73741

Ion Ratio Lower Upper

113 100

111 102.9 84.0 126.0

192 16.1 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.557 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD079322.D

Acq: 02 Jul 2024 16:42

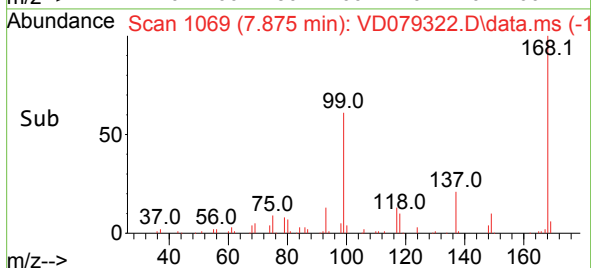
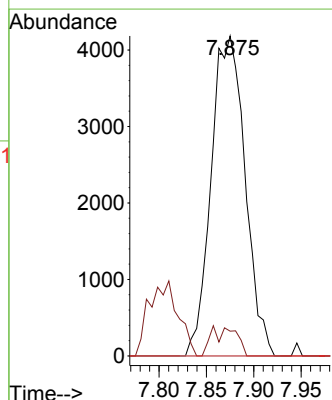
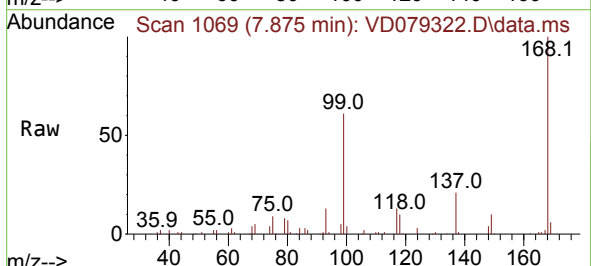
Tgt Ion: 75 Resp: 10431

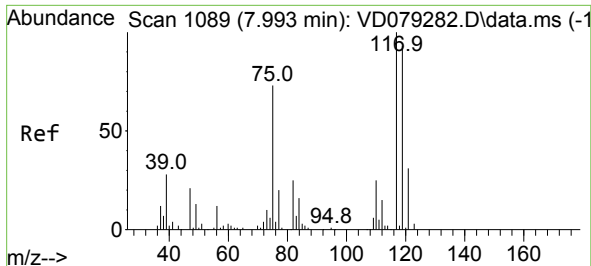
Ion Ratio Lower Upper

75 100

110 4.1 19.6 58.7#

77 0.0 26.1 39.1#

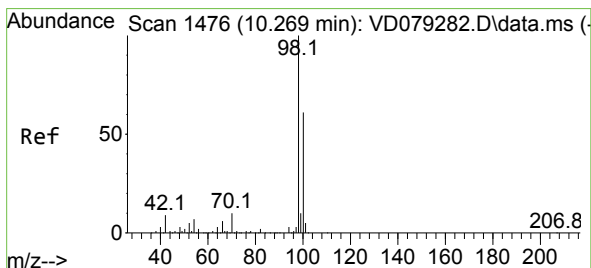
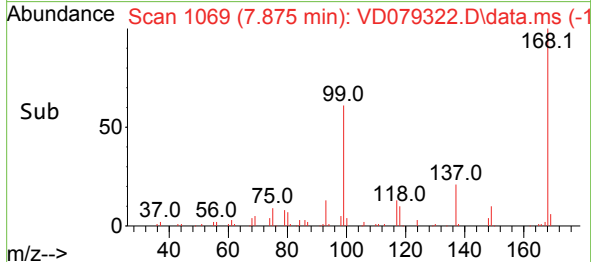
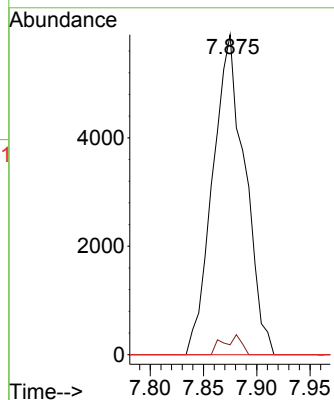
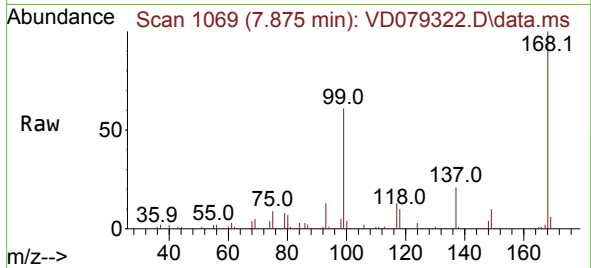




#38
Carbon Tetrachloride
Concen: 5.335 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD079322.D
Acq: 02 Jul 2024 16:42

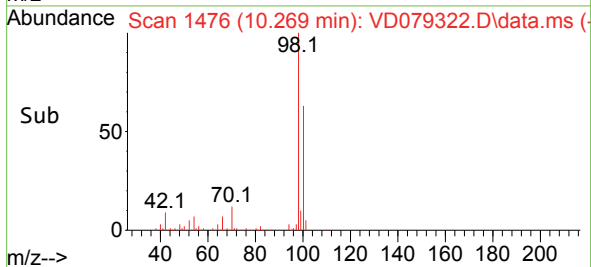
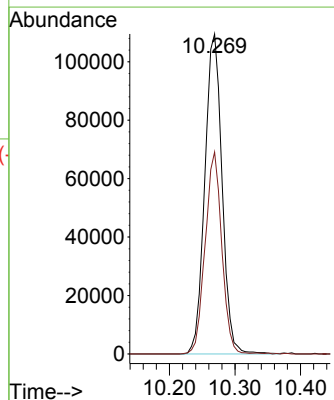
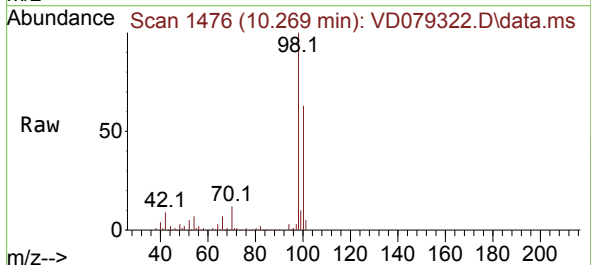
Instrument :
MSVOA_D
ClientSampleId :
VNJ-238RE

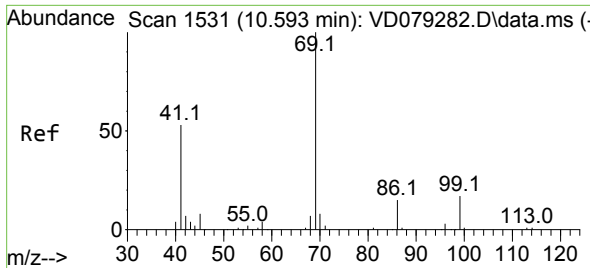
Tgt Ion:117 Resp: 12400
Ion Ratio Lower Upper
117 100
119 3.1 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 37.847 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079322.D
Acq: 02 Jul 2024 16:42

Tgt Ion: 98 Resp: 200591
Ion Ratio Lower Upper
98 100
100 60.7 51.6 77.4

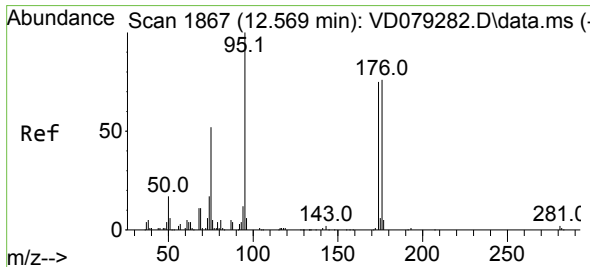
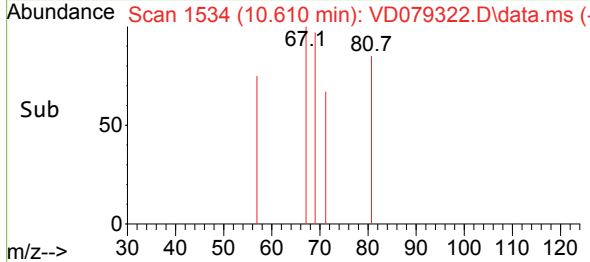
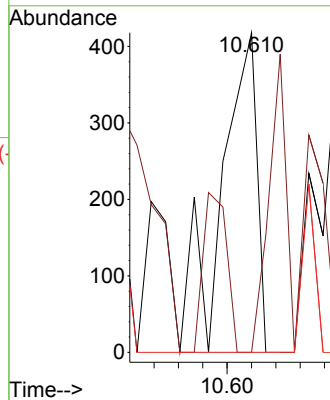
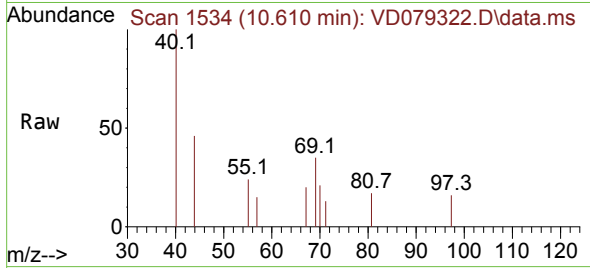




#56
Ethyl methacrylate
Concen: 3.951 ug/l
RT: 10.610 min Scan# 1534
Delta R.T. 0.017 min
Lab File: VD079322.D
Acq: 02 Jul 2024 16:42

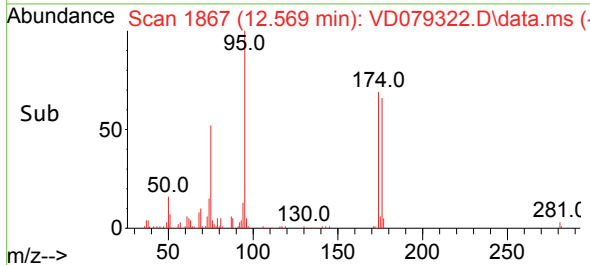
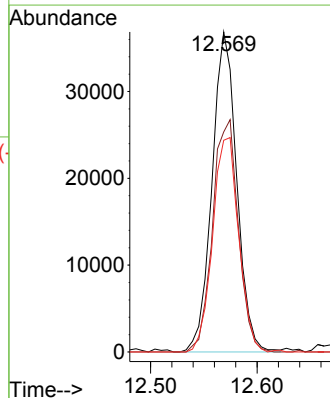
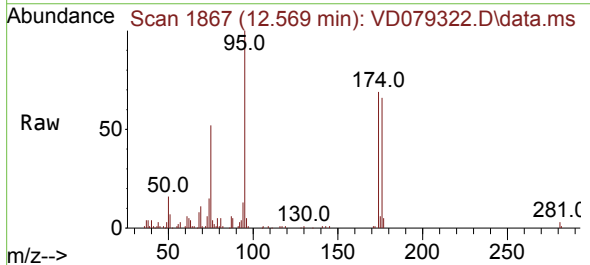
Instrument :
MSVOA_D
ClientSampleId :
VNJ-238RE

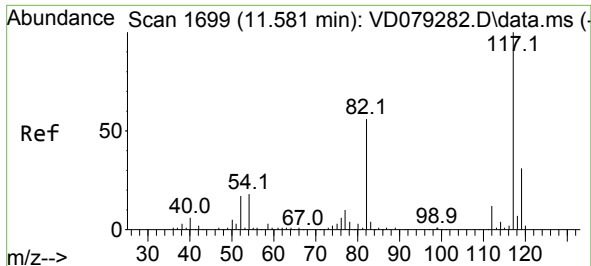
Tgt Ion: 69 Resp: 425
Ion Ratio Lower Upper
69 100
41 45.2 39.8 59.6
39 0.0 20.2 30.4#



#62
4-Bromofluorobenzene
Concen: 34.953 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079322.D
Acq: 02 Jul 2024 16:42

Tgt Ion: 95 Resp: 59404
Ion Ratio Lower Upper
95 100
174 75.2 0.0 195.4
176 70.8 0.0 192.6

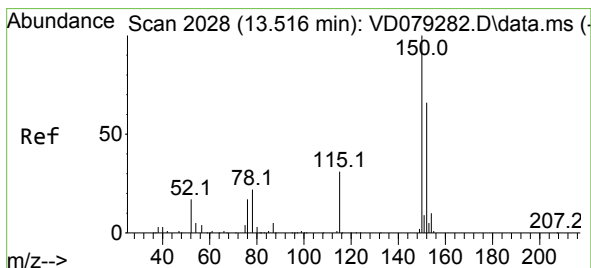
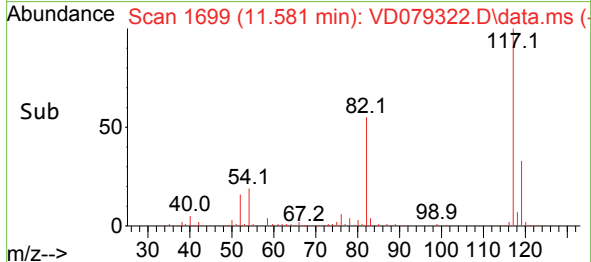
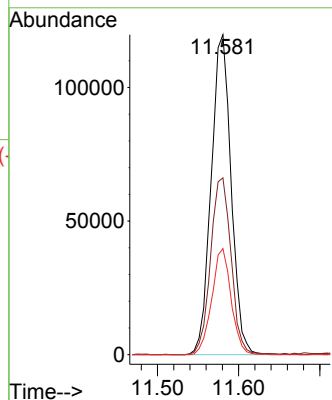
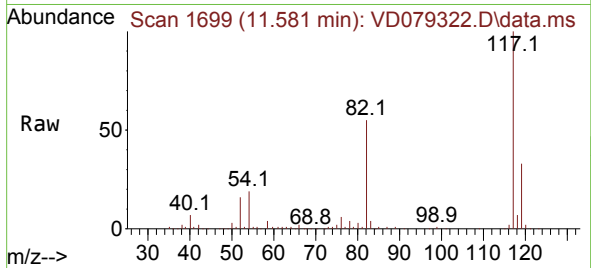




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079322.D
Acq: 02 Jul 2024 16:42

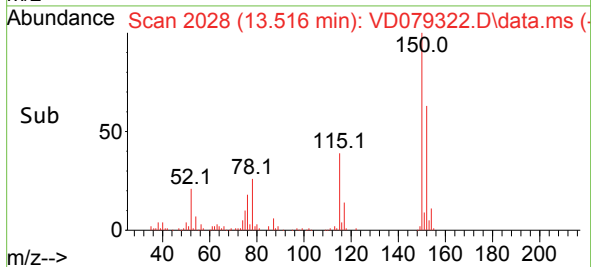
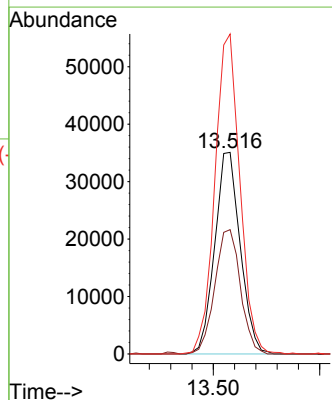
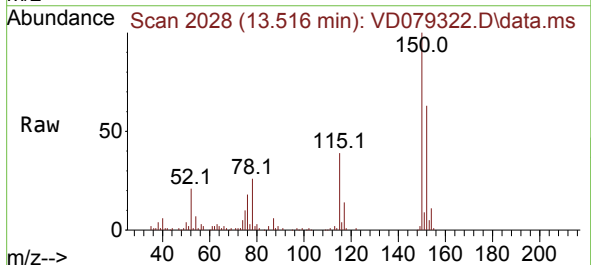
Instrument :
MSVOA_D
ClientSampleId :
VNJ-238RE

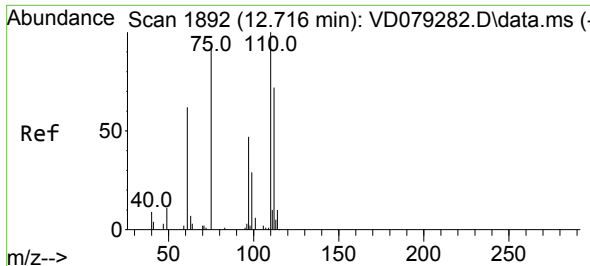
Tgt Ion:117 Resp: 204505
Ion Ratio Lower Upper
117 100
82 55.3 39.8 59.6
119 33.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079322.D
Acq: 02 Jul 2024 16:42

Tgt Ion:152 Resp: 58134
Ion Ratio Lower Upper
152 100
115 62.0 26.5 79.5
150 155.9 0.0 341.6

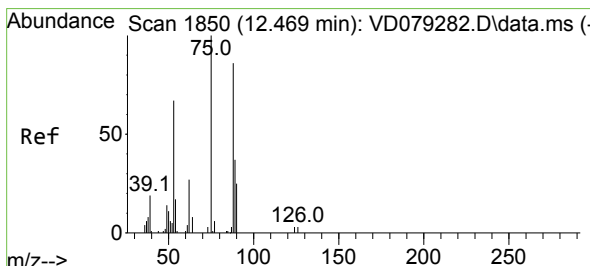
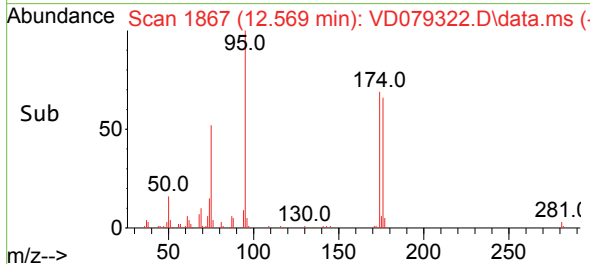
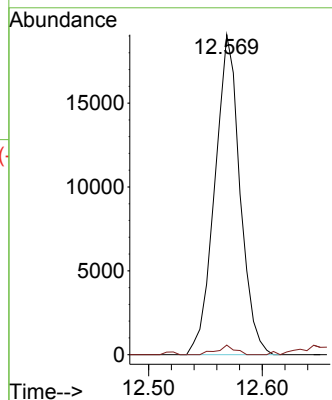
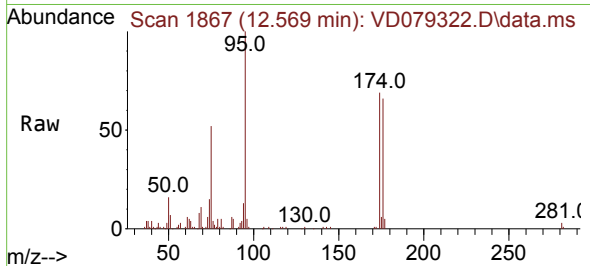




#76
1,2,3-Trichloropropane
Concen: 50.573 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079322.D
Acq: 02 Jul 2024 16:42

Instrument :
MSVOA_D
ClientSampleId :
VNJ-238RE

Tgt Ion: 75 Resp: 29422
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.843 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079322.D
Acq: 02 Jul 2024 16:42

Tgt Ion: 75 Resp: 29422
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#

