

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030823\
 Data File : VD075475.D
 Acq On : 08 Mar 2023 17:59
 Operator : KP/SY
 Sample : 01842-02
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-228

Quant Time: Mar 09 02:17:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 08 12:19:57 2023
 Response via : Initial Calibration

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

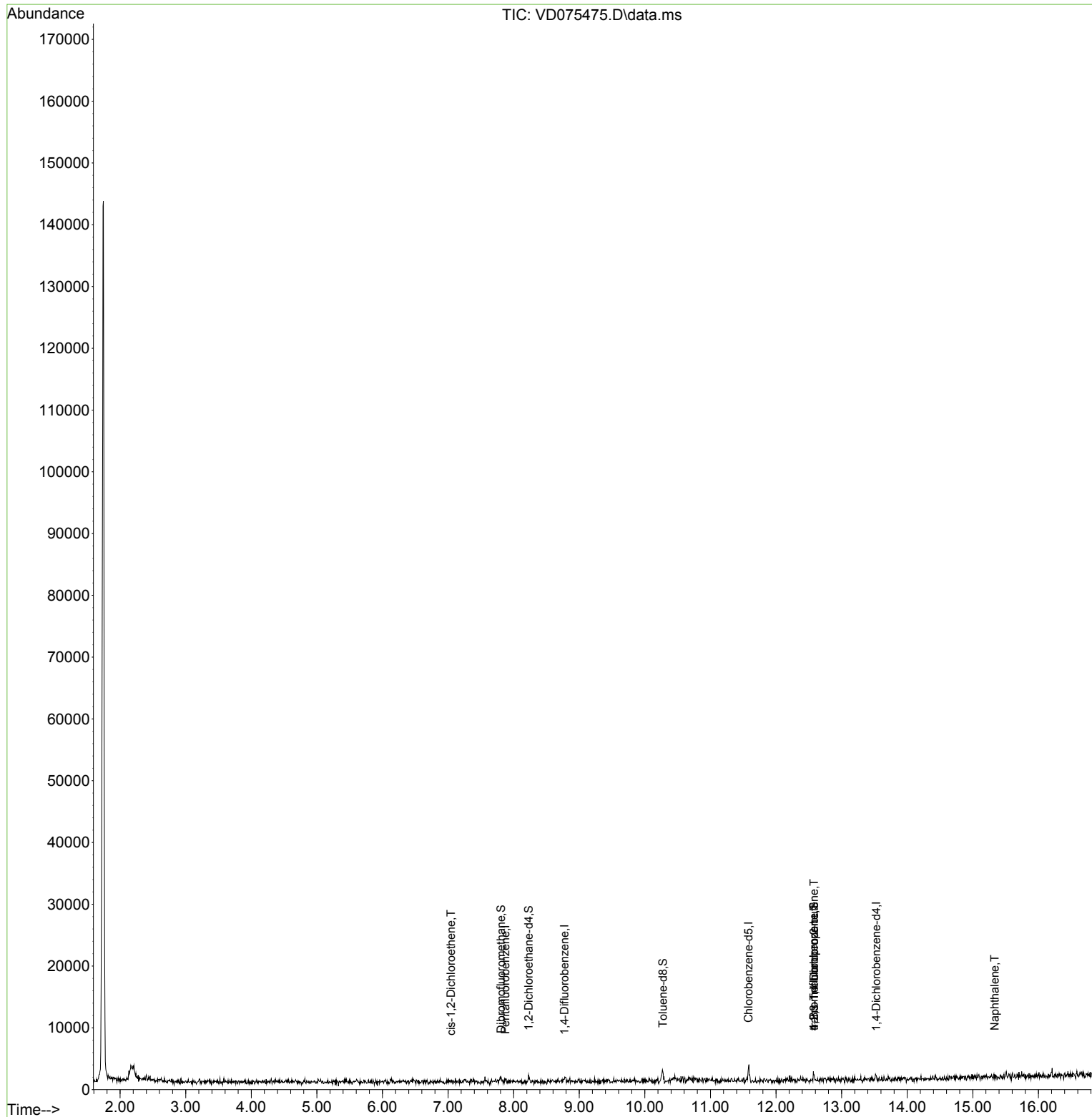
Internal Standards						
1) Pentafluorobenzene	7.875	168	580	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	1383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	1764	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.528	152	358	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	629	184.430	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	368.860%#
35) Dibromofluoromethane	7.810	113	439	54.781	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.560%
50) Toluene-d8	10.275	98	1772	61.066	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	122.140%
62) 4-Bromofluorobenzene	12.575	95	520	59.260	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.520%
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	7.046	96	59	7.103	ug/l #	1
76) 1,2,3-Trichloropropane	12.581	75	194	68.403	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.581	75	194	141.903	ug/l #	5
95) Naphthalene	15.333	128	54	4.596	ug/l #	69

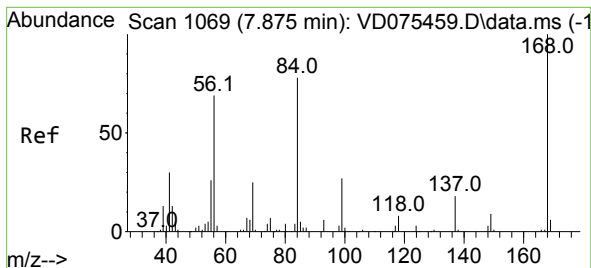
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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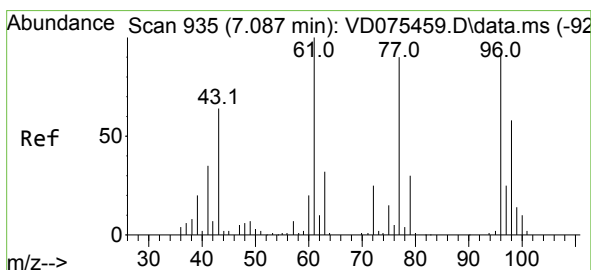
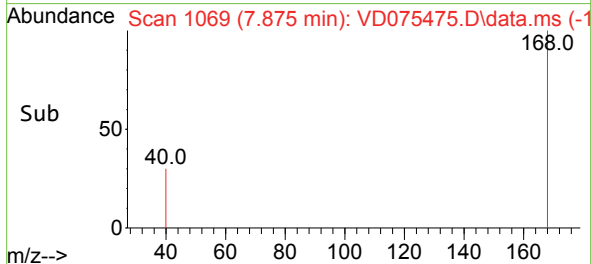
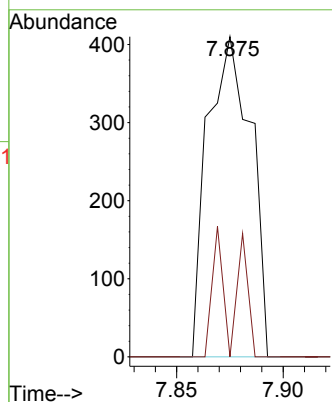
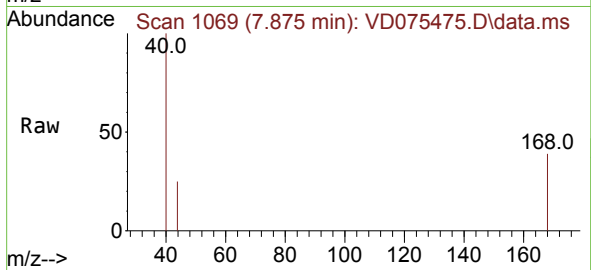




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075475.D
Acq: 08 Mar 2023 17:59

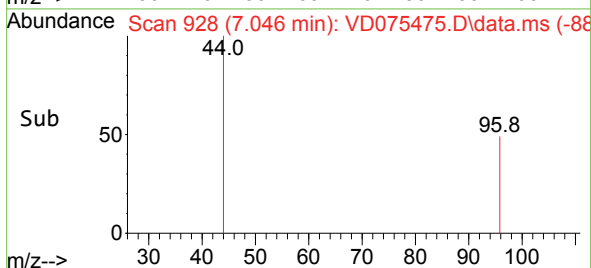
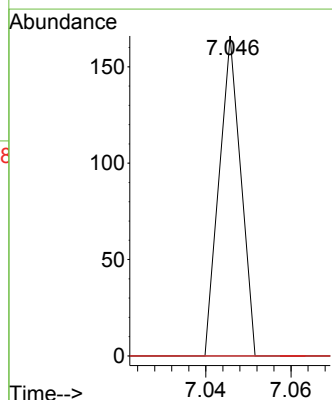
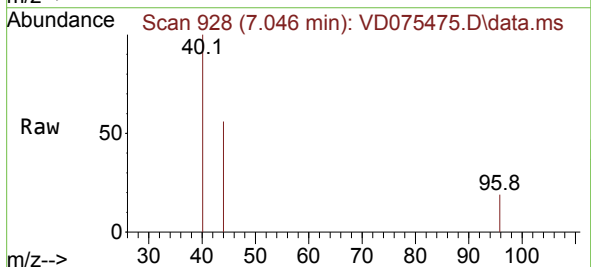
Instrument :
MSVOA_D
ClientSampleId :
VNJ-228

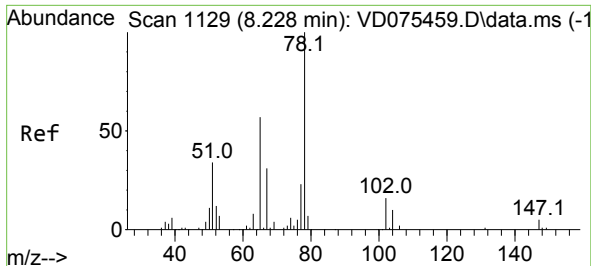
Tgt Ion:168 Resp: 580
Ion Ratio Lower Upper
168 100
99 0.0 43.8 65.6#



#27
cis-1,2-Dichloroethene
Concen: 7.103 ug/l
RT: 7.046 min Scan# 928
Delta R.T. -0.041 min
Lab File: VD075475.D
Acq: 08 Mar 2023 17:59

Tgt Ion: 96 Resp: 59
Ion Ratio Lower Upper
96 100
61 0.0 0.0 295.2
98 0.0 0.0 129.2





#33

1,2-Dichloroethane-d4

Concen: 184.430 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075475.D

Acq: 08 Mar 2023 17:59

Instrument :

MSVOA_D

ClientSampleId :

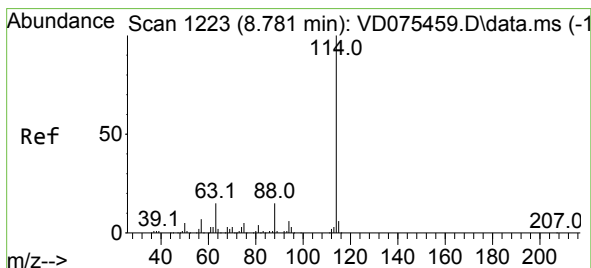
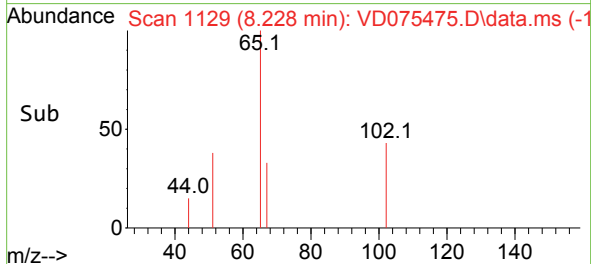
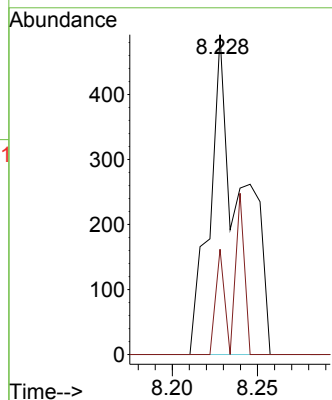
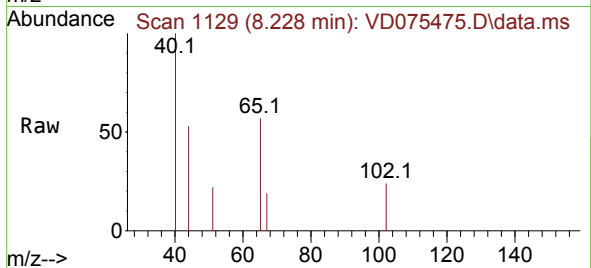
VNJ-228

Tgt Ion: 65 Resp: 629

Ion Ratio Lower Upper

65 100

67 23.1 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD075475.D

Acq: 08 Mar 2023 17:59

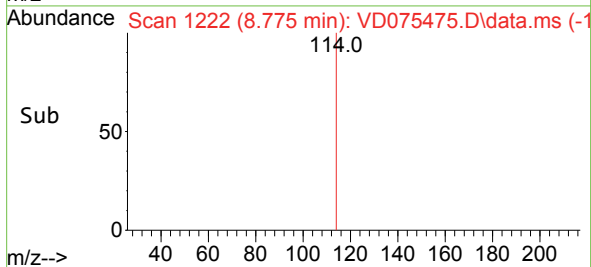
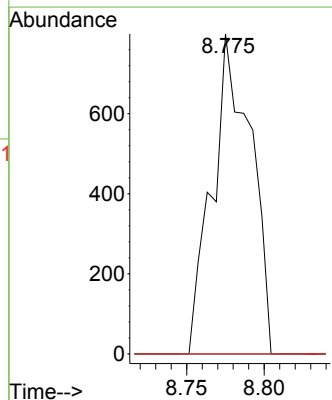
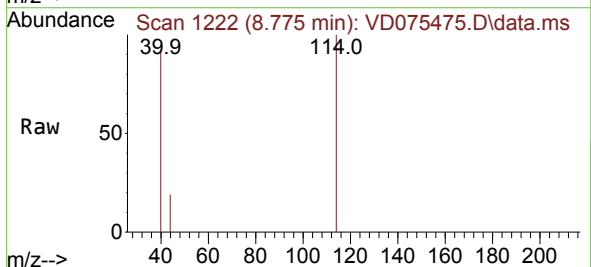
Tgt Ion: 114 Resp: 1383

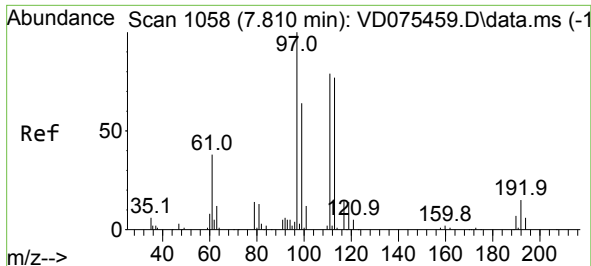
Ion Ratio Lower Upper

114 100

63 0.0 0.0 41.6

88 0.0 0.0 30.6

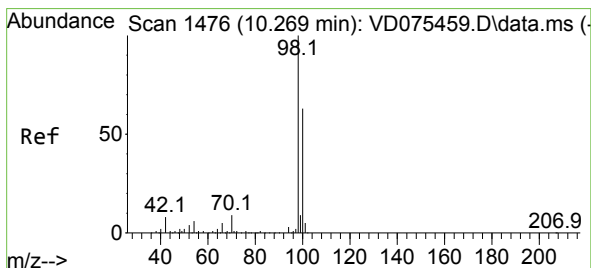
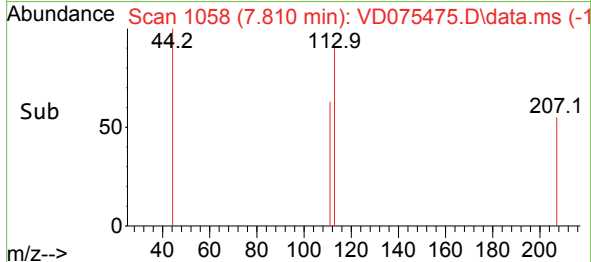
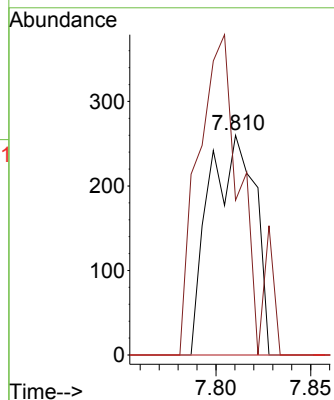
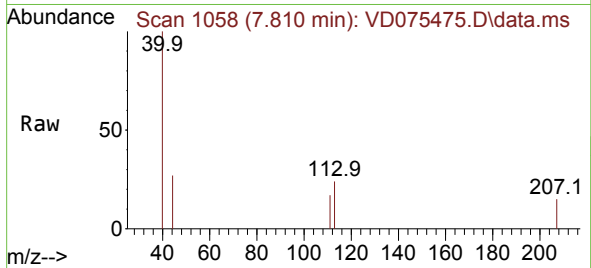




#35
Dibromofluoromethane
Concen: 54.781 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD075475.D
Acq: 08 Mar 2023 17:59

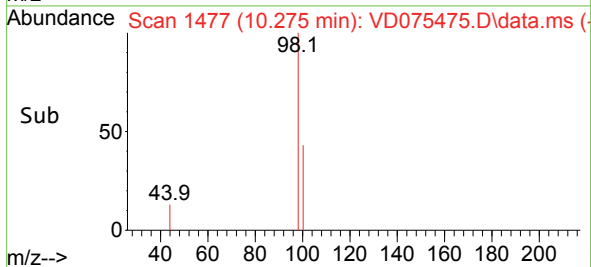
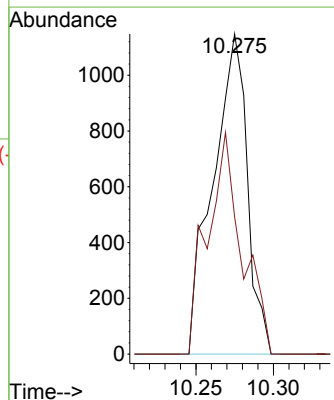
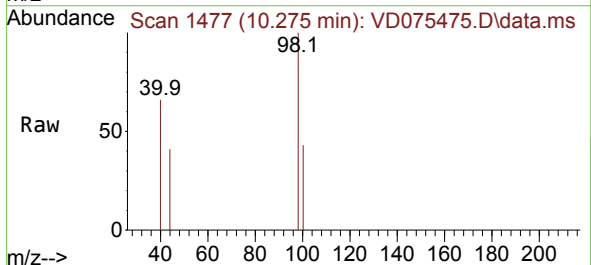
Instrument :
MSVOA_D
ClientSampleId :
VNJ-228

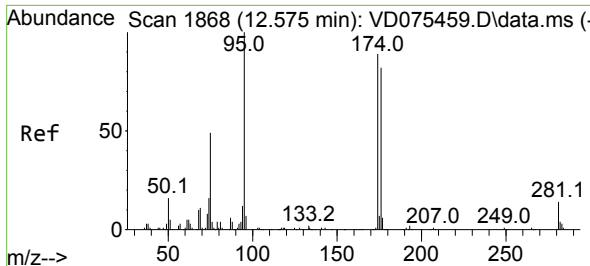
Tgt Ion:113 Resp: 439
Ion Ratio Lower Upper
113 100
111 139.9 81.4 122.0#
192 0.0 15.2 22.8#



#50
Toluene-d8
Concen: 61.066 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD075475.D
Acq: 08 Mar 2023 17:59

Tgt Ion: 98 Resp: 1772
Ion Ratio Lower Upper
98 100
100 69.7 52.1 78.1

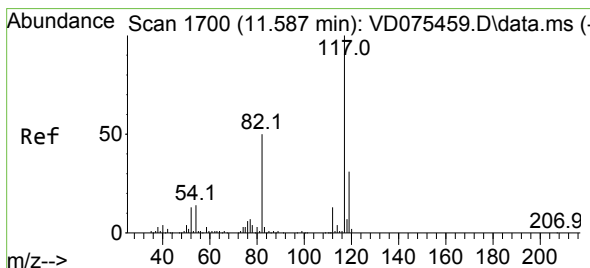
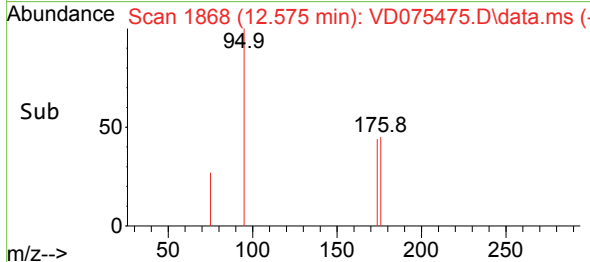
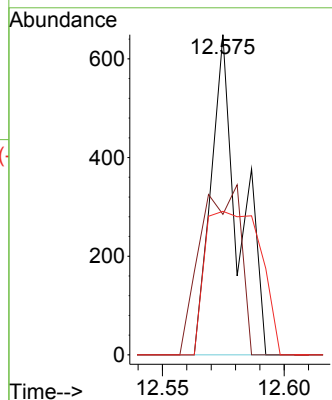
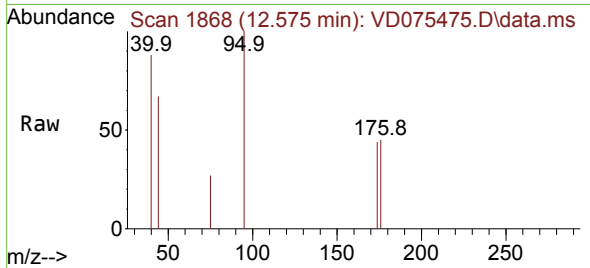




#62
4-Bromofluorobenzene
Concen: 59.260 ug/l
RT: 12.575 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VD075475.D
Acq: 08 Mar 2023 17:59

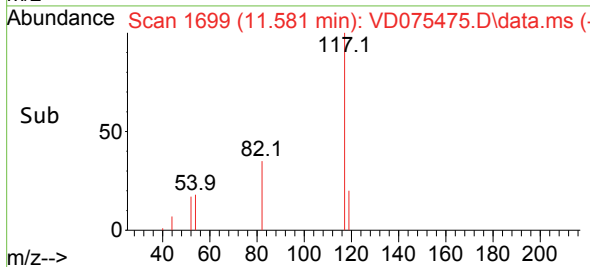
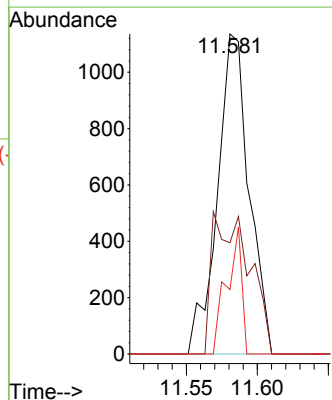
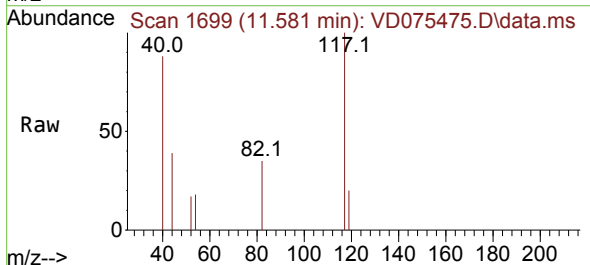
Instrument :
MSVOA_D
ClientSampleId :
VNJ-228

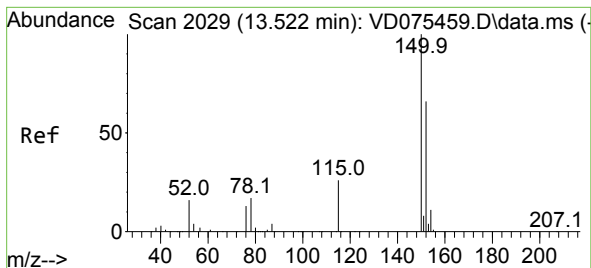
Tgt Ion:	95	Resp:	520
Ion Ratio	Lower	Upper	
95	100		
174	76.2	0.0	164.0
176	88.8	0.0	156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075475.D
Acq: 08 Mar 2023 17:59

Tgt Ion:	117	Resp:	1764
Ion Ratio	Lower	Upper	
117	100		
82	34.8	44.0	66.0#
119	20.2	25.1	37.7#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.528 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD075475.D

Acq: 08 Mar 2023 17:59

Instrument :

MSVOA_D

ClientSampleId :

VNJ-228

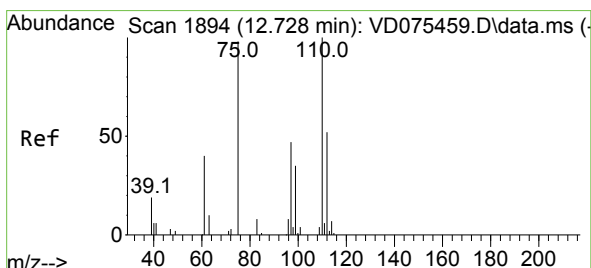
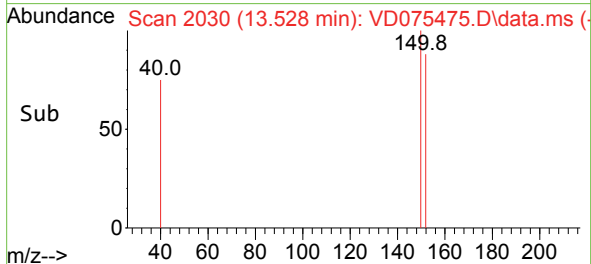
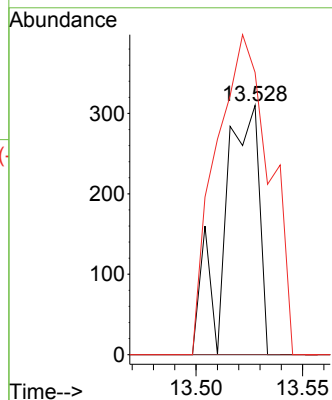
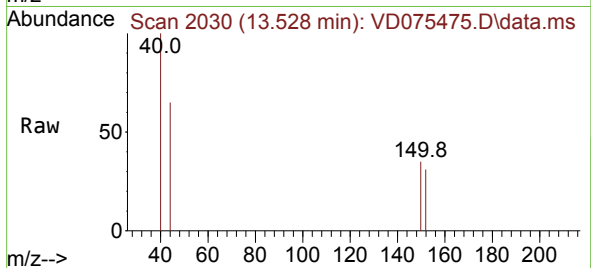
Tgt Ion:152 Resp: 358

Ion Ratio Lower Upper

152 100

115 0.0 30.1 90.3#

150 195.5 0.0 364.8



#76

1,2,3-Trichloropropane

Concen: 68.403 ug/l

RT: 12.581 min Scan# 1869

Delta R.T. -0.147 min

Lab File: VD075475.D

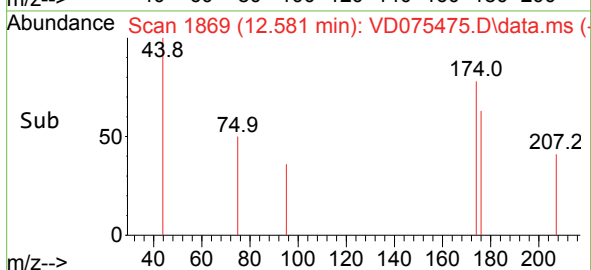
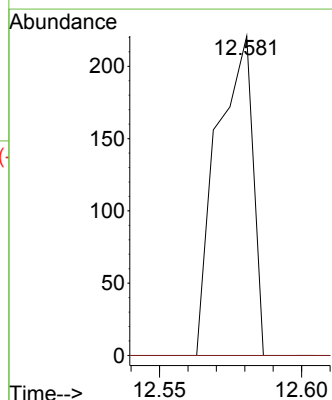
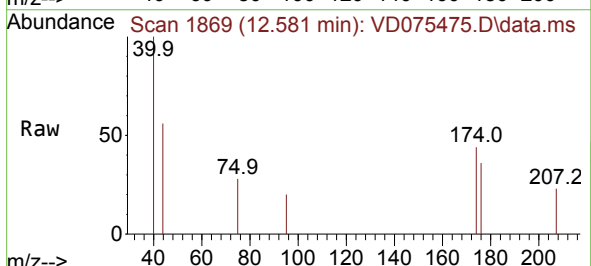
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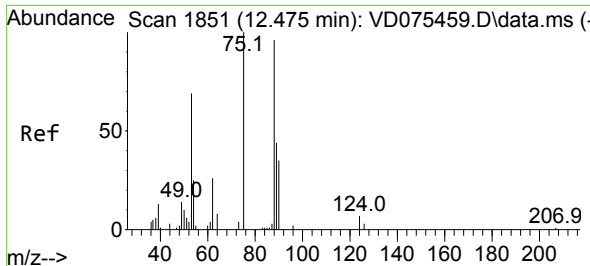
Tgt Ion: 75 Resp: 194

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

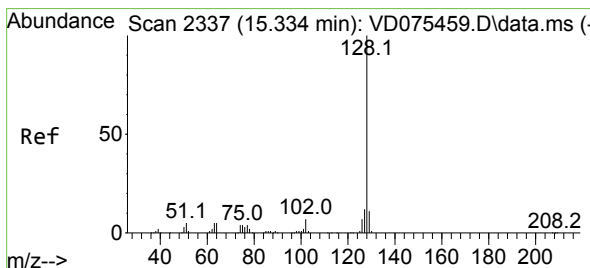
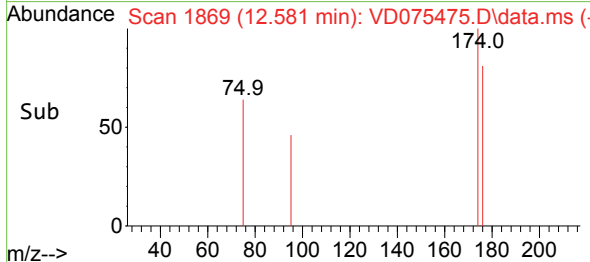
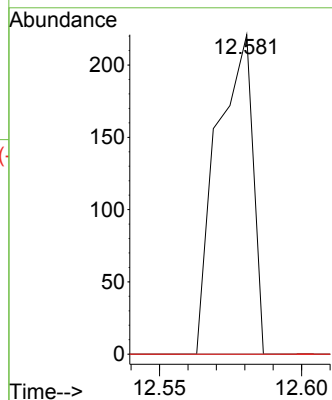
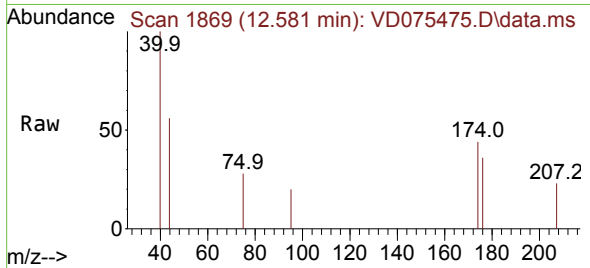




#81
trans-1,4-Dichloro-2-butene
Concen: 141.903 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.106 min
Lab File: VD075475.D
Acq: 08 Mar 2023 17:59

Instrument :
MSVOA_D
ClientSampleId :
VNJ-228

Tgt Ion: 75 Resp: 194
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#



#95
Naphthalene
Concen: 4.596 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.001 min
Lab File: VD075475.D
Acq: 08 Mar 2023 17:59

Tgt Ion:128 Resp: 54
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.8 13.2#

