

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070224\
 Data File : VD079325.D
 Acq On : 02 Jul 2024 18:05
 Operator : RP/MD
 Sample : P3048-01
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 03 01:25:27 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)

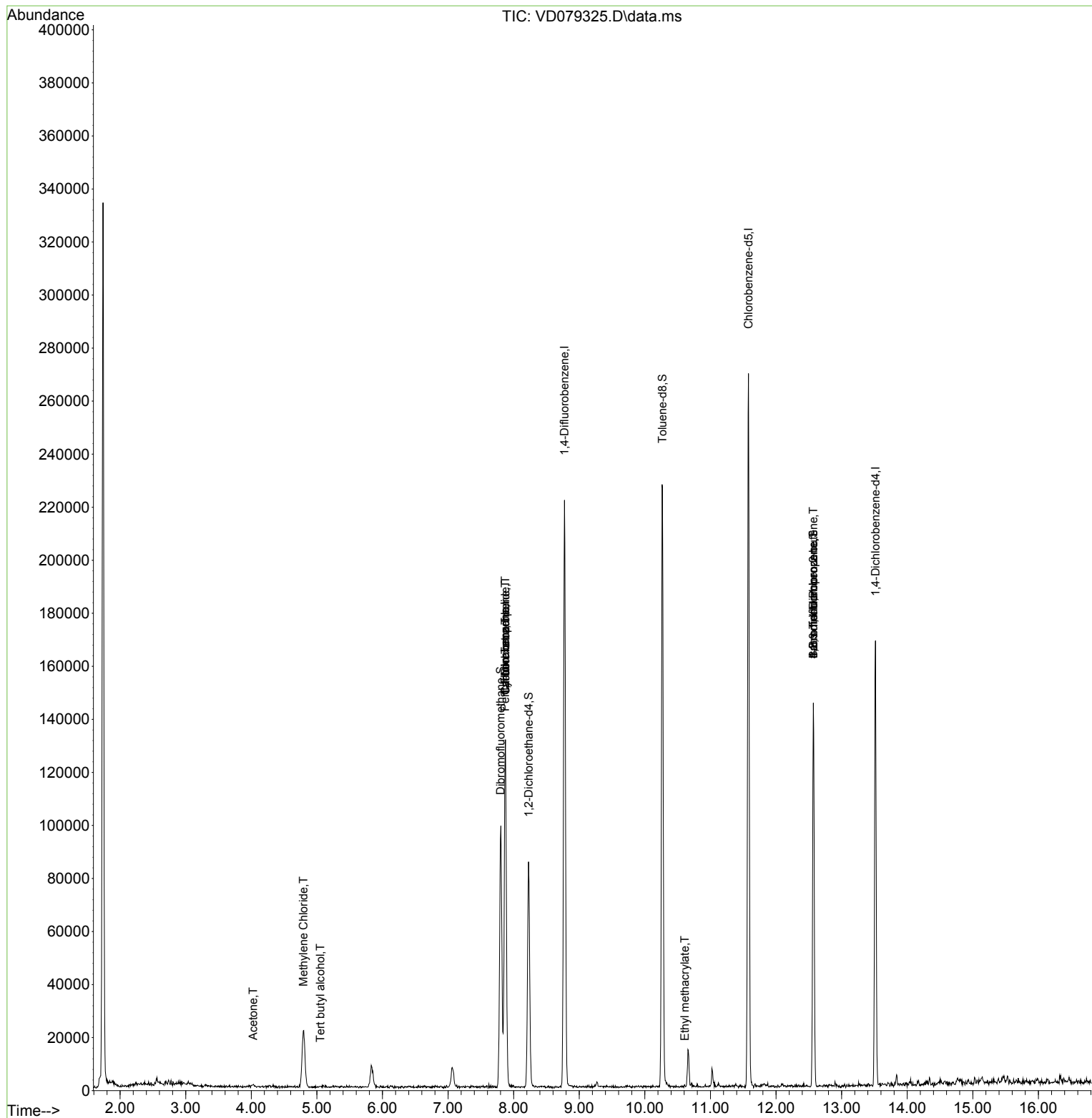
Internal Standards						
1) Pentafluorobenzene	7.869	168	92450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	197963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	155084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	42899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	65963	75.008	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 150.020%	
35) Dibromofluoromethane	7.798	113	71221	54.810	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.620%	
50) Toluene-d8	10.269	98	165014	35.300	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 70.600%	
62) 4-Bromofluorobenzene	12.569	95	48801	32.555	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 65.120%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.699	94	383	Below Cal	#	71
11) Tert butyl alcohol	5.052	59	73	1.180	ug/l #	86
16) Acetone	4.028	43	1378	6.280	ug/l	94
20) Methylene Chloride	4.793	84	17108	6.505	ug/l #	80
31) Cyclohexane	7.875	56	2895	1.473	ug/l #	35
36) 1,1-Dichloropropene	7.875	75	8945	4.431	ug/l #	42
38) Carbon Tetrachloride	7.875	117	10539	5.141	ug/l #	16
56) Ethyl methacrylate	10.610	69	71	3.764	ug/l #	22
71) Bromoform	12.569	173	806	1.266	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	24157	56.269	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	24157	104.413	ug/l #	19

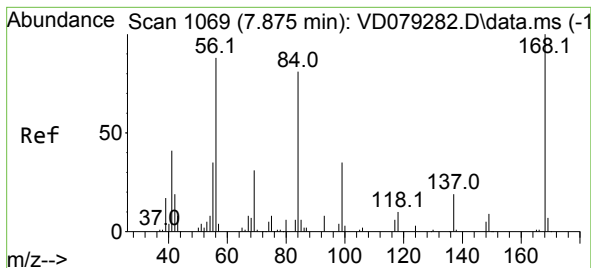
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070224\
Data File : VD079325.D
Acq On : 02 Jul 2024 18:05
Operator : RP/MD
Sample : P3048-01
Misc : 5.05G/5.0ml/MSVOA_D/SOIL/B
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jul 03 01:25:27 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.869 min Scan# 10

Delta R.T. -0.006 min

Lab File: VD079325.D

Acq: 02 Jul 2024 18:05

Instrument :

MSVOA_D

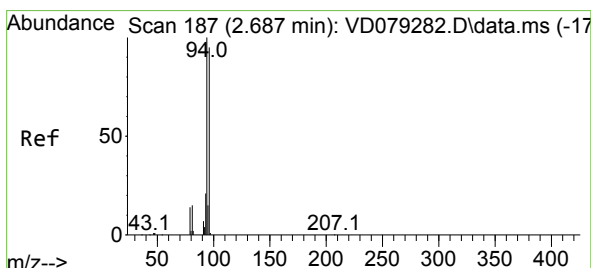
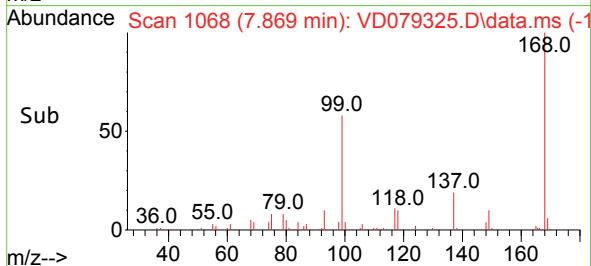
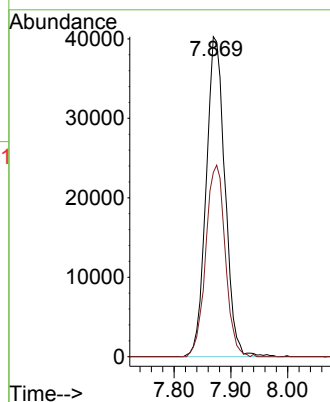
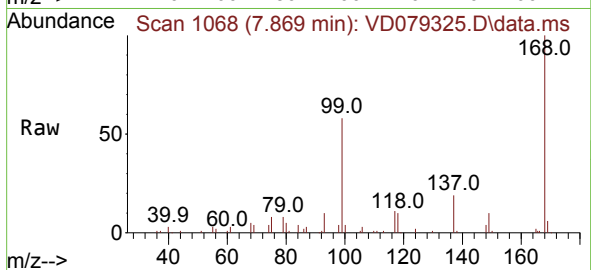
ClientSampleId :

Tgt Ion:168 Resp: 92450

Ion Ratio Lower Upper

168 100

99 57.6 41.1 61.7



#5

Bromomethane

Concen: Below Cal

RT: 2.699 min Scan# 189

Delta R.T. 0.041 min

Lab File: VD079325.D

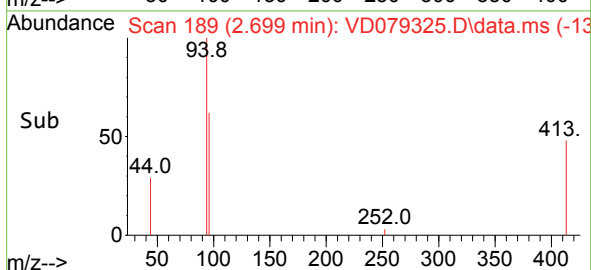
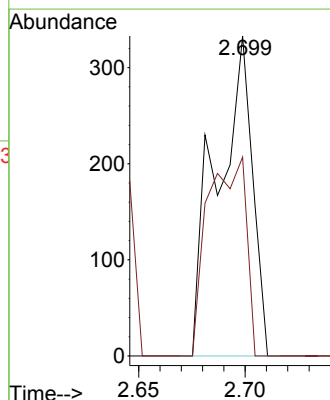
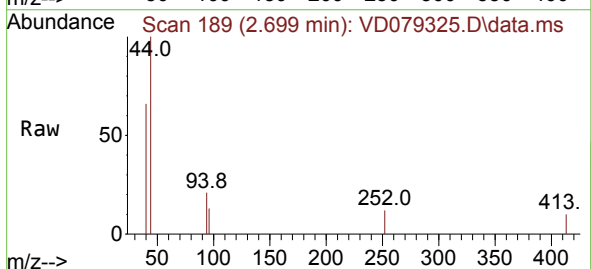
Acq: 02 Jul 2024 18:05

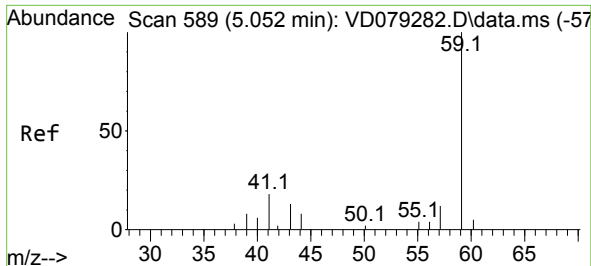
Tgt Ion: 94 Resp: 383

Ion Ratio Lower Upper

94 100

96 67.4 76.9 115.3#





#11

Tert butyl alcohol

Concen: 1.180 ug/l

RT: 5.052 min Scan# 51

Delta R.T. -0.006 min

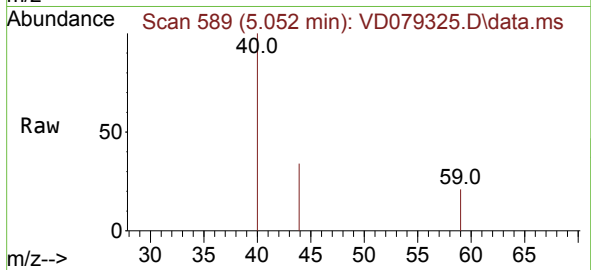
Lab File: VD079325.D

Acq: 02 Jul 2024 18:05

Instrument :

MSVOA_D

ClientSampleId :

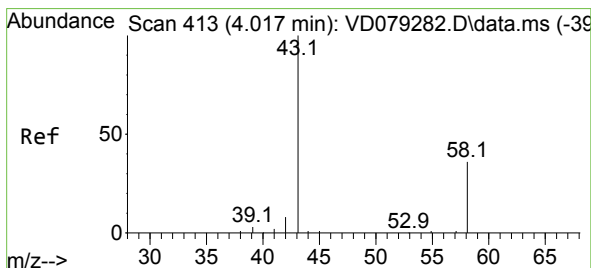
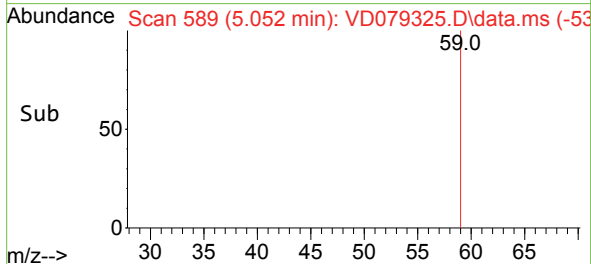
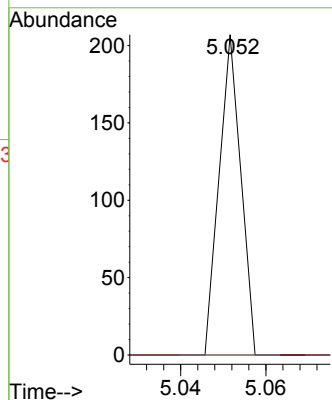


Tgt Ion: 59 Resp: 73

Ion Ratio Lower Upper

59 100

57 0.0 3.6 5.4#



#16

Acetone

Concen: 6.280 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.012 min

Lab File: VD079325.D

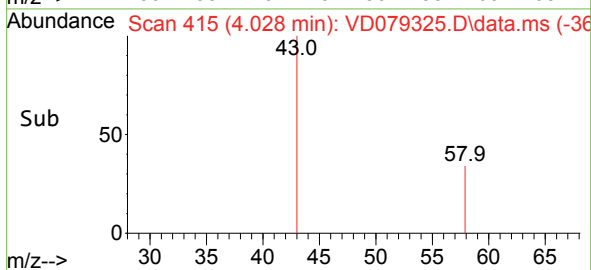
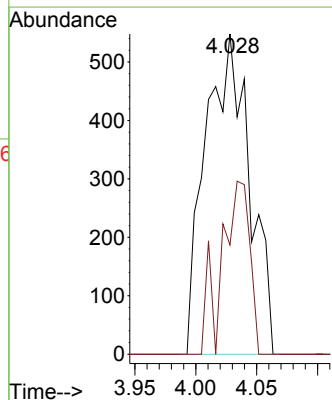
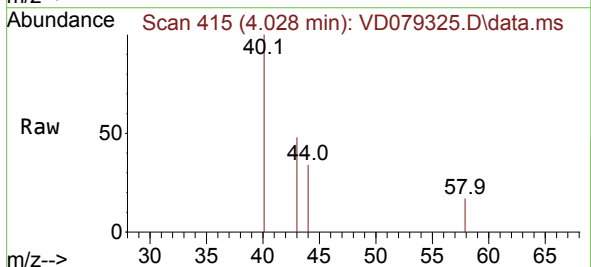
Acq: 02 Jul 2024 18:05

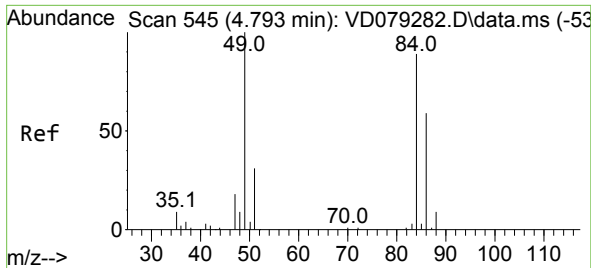
Tgt Ion: 43 Resp: 1378

Ion Ratio Lower Upper

43 100

58 34.1 30.4 45.6

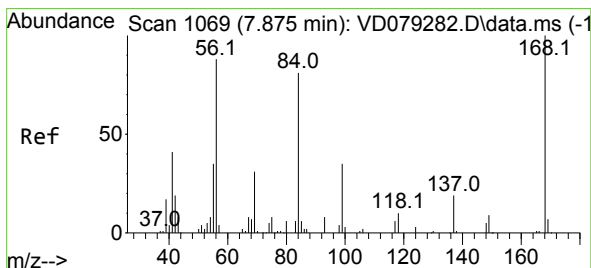
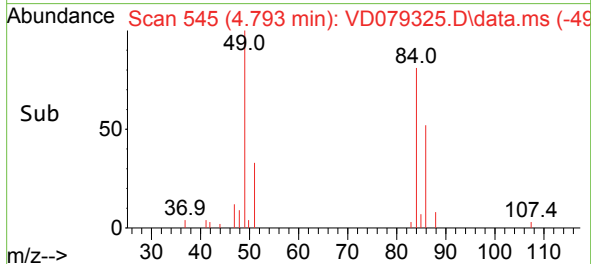
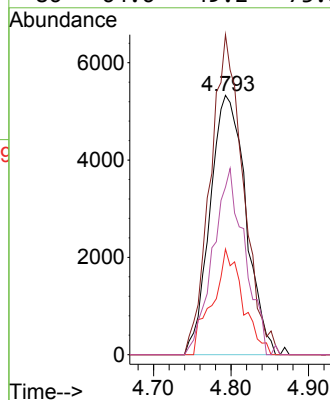
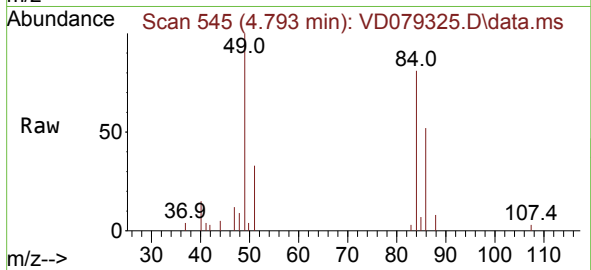




#20
Methylene Chloride
Concen: 6.505 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD079325.D
Acq: 02 Jul 2024 18:05

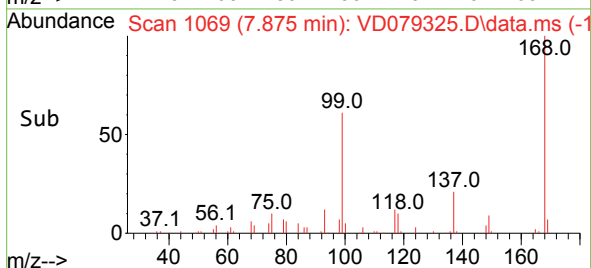
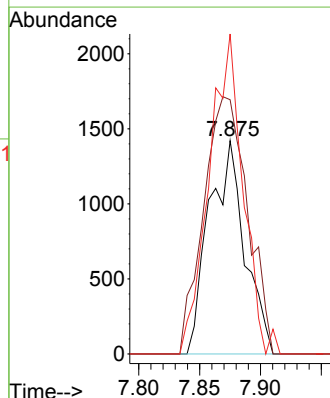
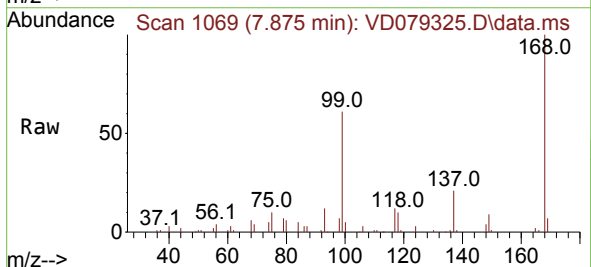
Instrument :
MSVOA_D
ClientSampleId :

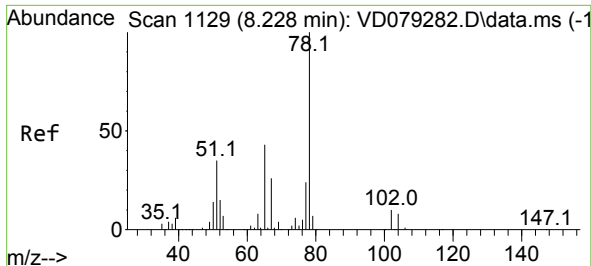
Tgt Ion:	84	Resp:	17108
Ion	Ratio	Lower	Upper
84	100		
49	123.4	75.6	113.4#
51	40.7	24.2	36.2#
86	64.6	49.2	73.8



#31
Cyclohexane
Concen: 1.473 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079325.D
Acq: 02 Jul 2024 18:05

Tgt Ion:	56	Resp:	2895
Ion	Ratio	Lower	Upper
56	100		
69	119.2	28.0	42.0#
84	150.0	87.4	131.0#





#33

1,2-Dichloroethane-d4

Concen: 75.008 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079325.D

Acq: 02 Jul 2024 18:05

Instrument :

MSVOA_D

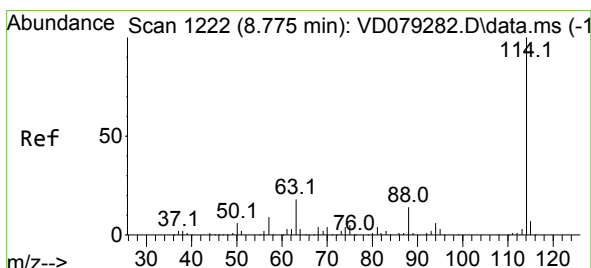
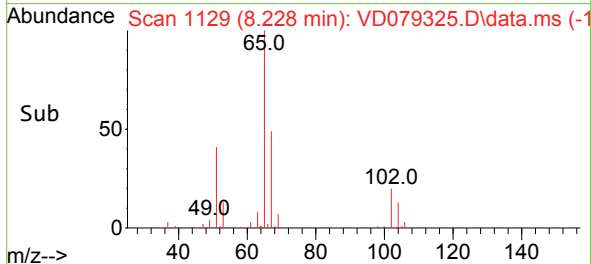
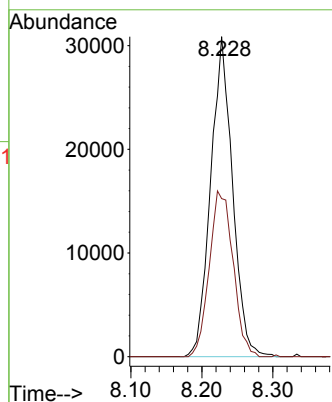
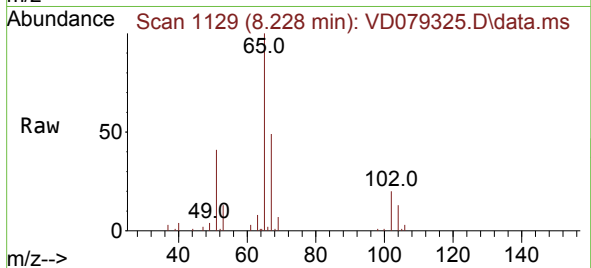
ClientSampleId :

Tgt Ion: 65 Resp: 65963

Ion Ratio Lower Upper

65 100

67 56.3 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: VD079325.D

Acq: 02 Jul 2024 18:05

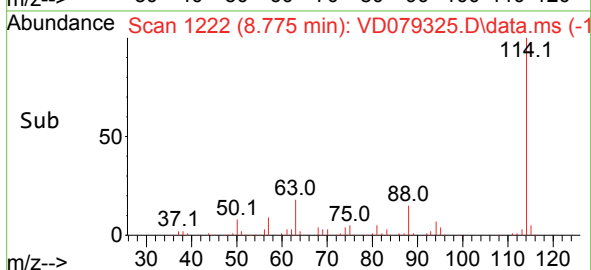
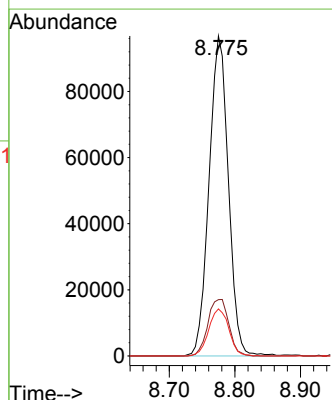
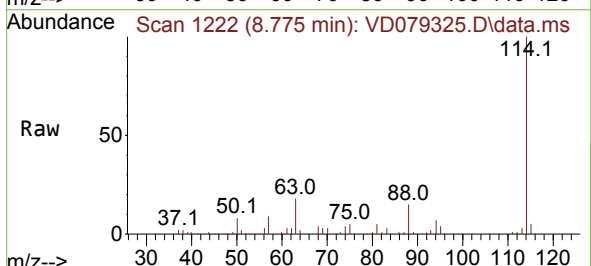
Tgt Ion: 114 Resp: 197963

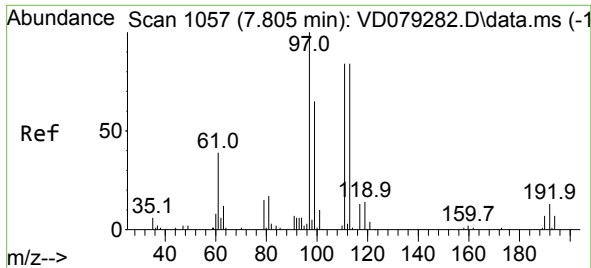
Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.0

88 14.7 0.0 27.2

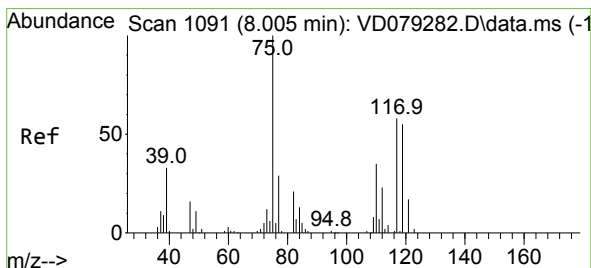
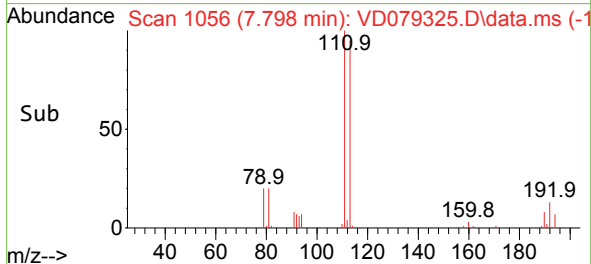
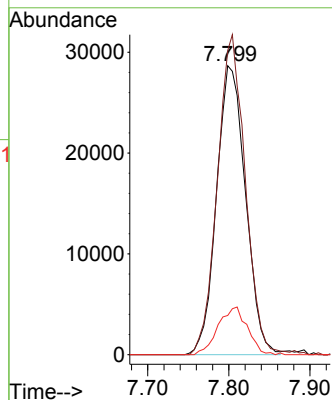
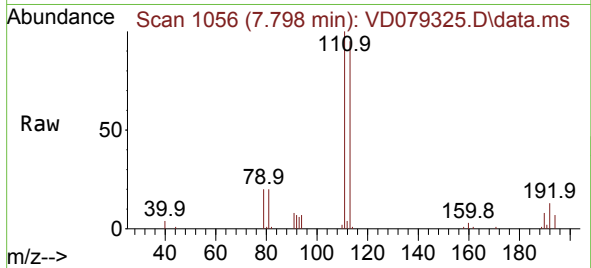




#35
Dibromofluoromethane
Concen: 54.810 ug/l
RT: 7.798 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VD079325.D
Acq: 02 Jul 2024 18:05

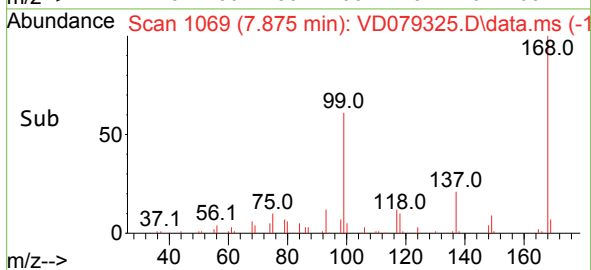
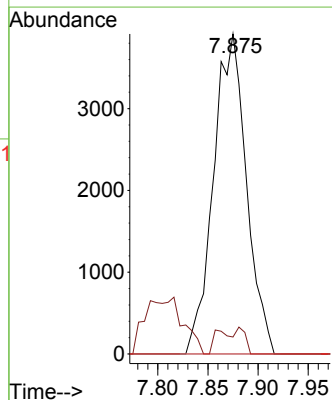
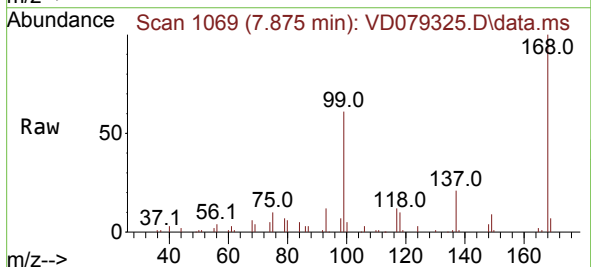
Instrument :
MSVOA_D
ClientSampleId :

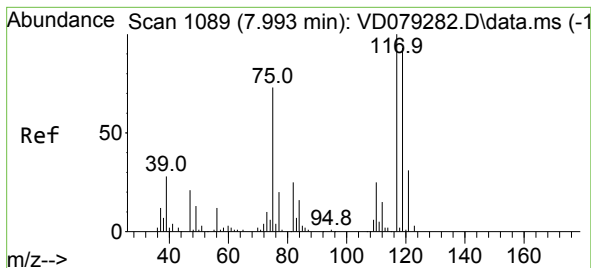
Tgt Ion:113 Resp: 71221
Ion Ratio Lower Upper
113 100
111 106.6 84.0 126.0
192 16.7 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.431 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD079325.D
Acq: 02 Jul 2024 18:05

Tgt Ion: 75 Resp: 8945
Ion Ratio Lower Upper
75 100
110 3.9 19.6 58.7#
77 0.0 26.1 39.1#





#38

Carbon Tetrachloride

Concen: 5.141 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

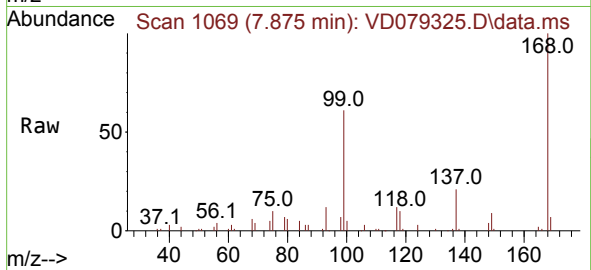
Lab File: VD079325.D

Acq: 02 Jul 2024 18:05

Instrument :

MSVOA_D

ClientSampleId :



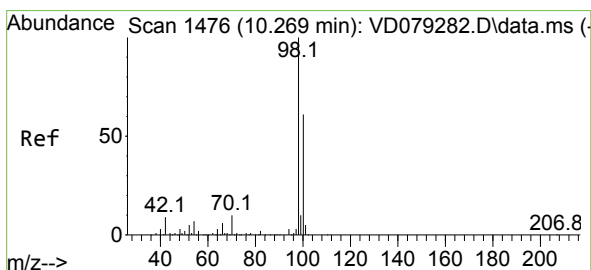
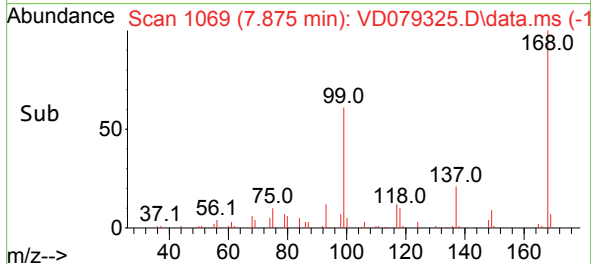
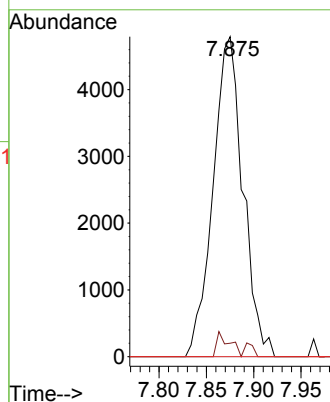
Tgt Ion:117 Resp: 10539

Ion Ratio Lower Upper

117 100

119 4.2 75.4 113.0#

121 0.0 25.0 37.4#



#50

Toluene-d8

Concen: 35.300 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD079325.D

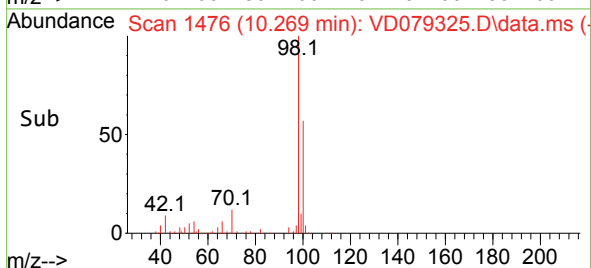
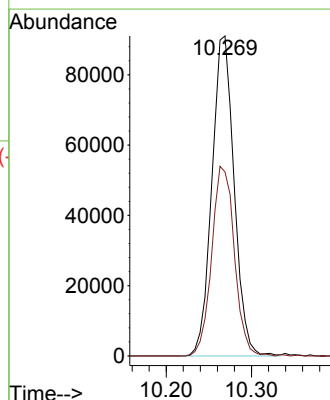
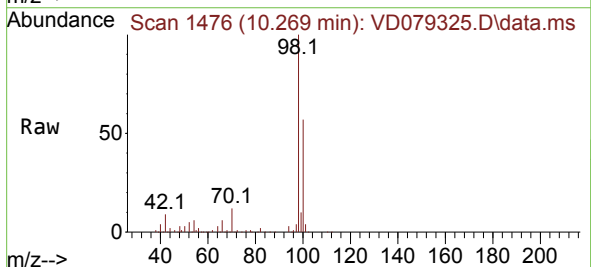
Acq: 02 Jul 2024 18:05

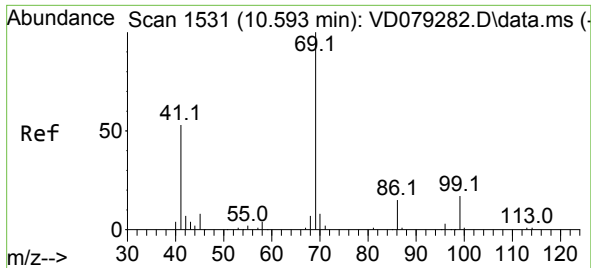
Tgt Ion: 98 Resp: 165014

Ion Ratio Lower Upper

98 100

100 60.4 51.6 77.4

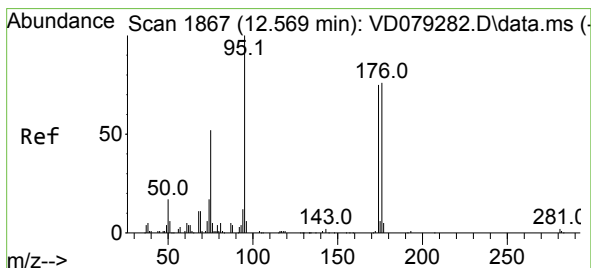
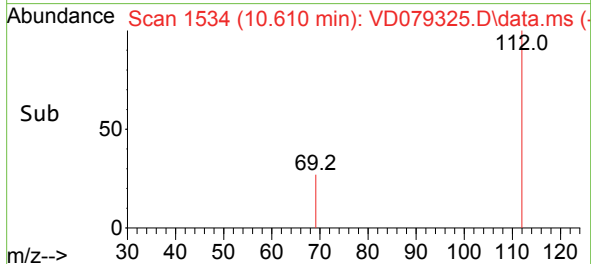
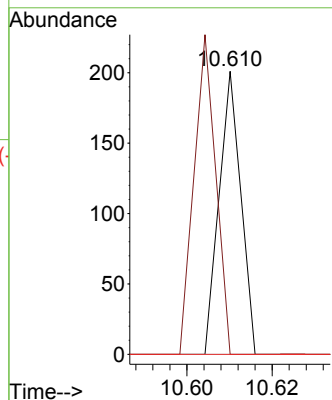
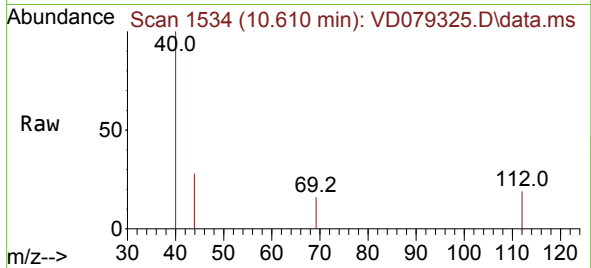




#56
Ethyl methacrylate
Concen: 3.764 ug/l
RT: 10.610 min Scan# 1534
Delta R.T. 0.017 min
Lab File: VD079325.D
Acq: 02 Jul 2024 18:05

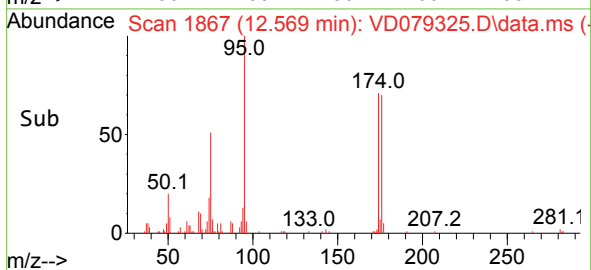
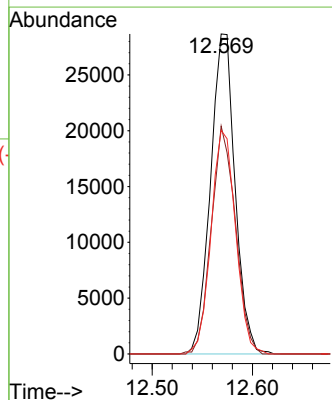
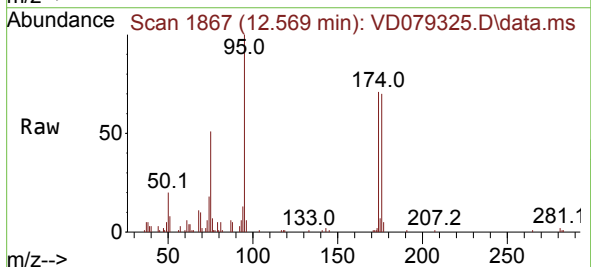
Instrument :
MSVOA_D
ClientSampleId :

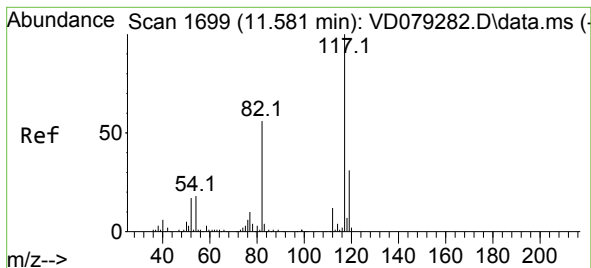
Tgt Ion: 69 Resp: 71
Ion Ratio Lower Upper
69 100
41 112.7 39.8 59.6#
39 0.0 20.2 30.4#



#62
4-Bromofluorobenzene
Concen: 32.555 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079325.D
Acq: 02 Jul 2024 18:05

Tgt Ion: 95 Resp: 48801
Ion Ratio Lower Upper
95 100
174 70.3 0.0 195.4
176 69.9 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

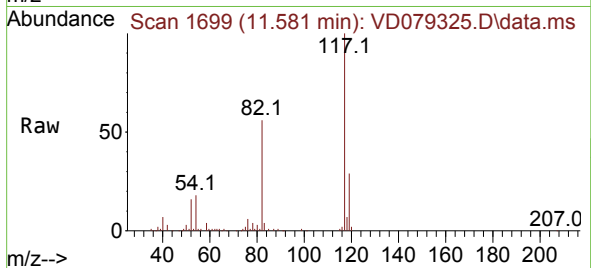
Lab File: VD079325.D

Acq: 02 Jul 2024 18:05

Instrument :

MSVOA_D

ClientSampleId :



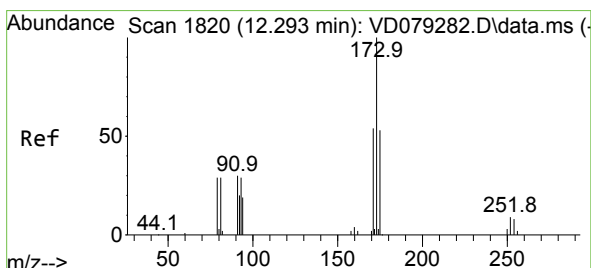
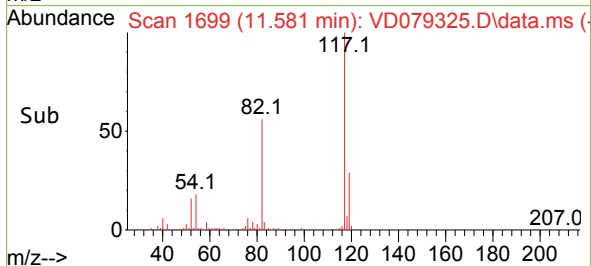
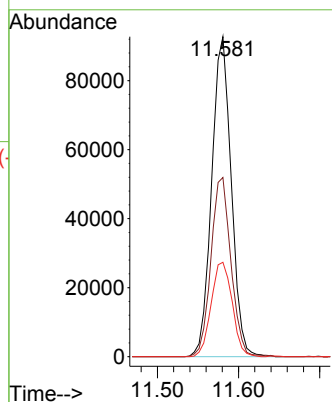
Tgt Ion:117 Resp: 155084

Ion Ratio Lower Upper

117 100

82 56.0 39.8 59.6

119 29.5 25.7 38.5



#71

Bromoform

Concen: 1.266 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.270 min

Lab File: VD079325.D

Acq: 02 Jul 2024 18:05

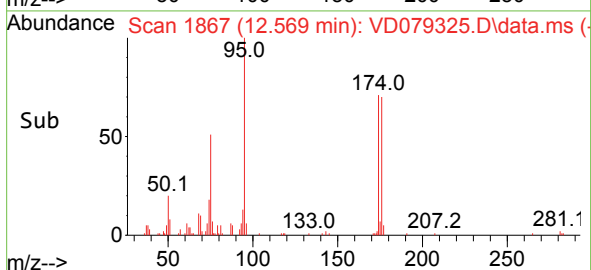
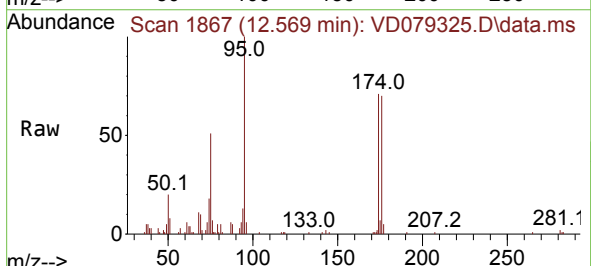
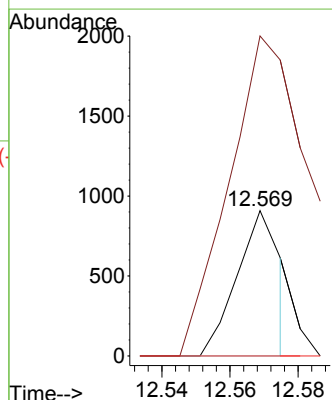
Tgt Ion:173 Resp: 806

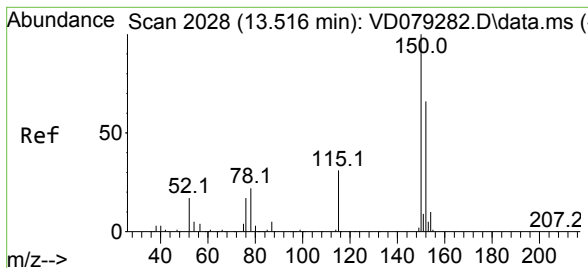
Ion Ratio Lower Upper

173 100

175 284.4 23.7 71.1#

254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. -0.000 min

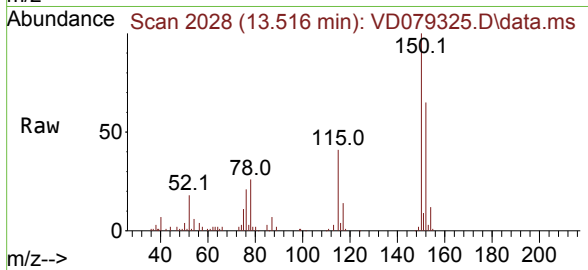
Lab File: VD079325.D

Acq: 02 Jul 2024 18:05

Instrument :

MSVOA_D

ClientSampleId :



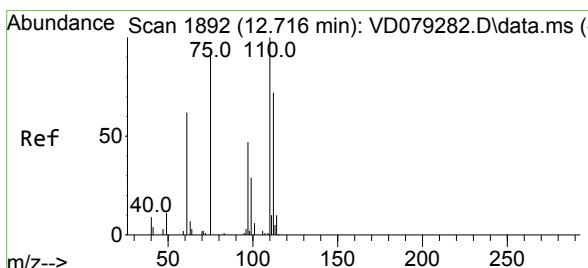
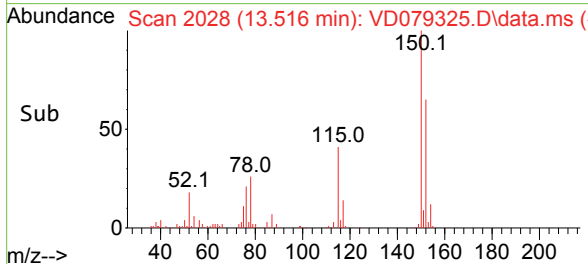
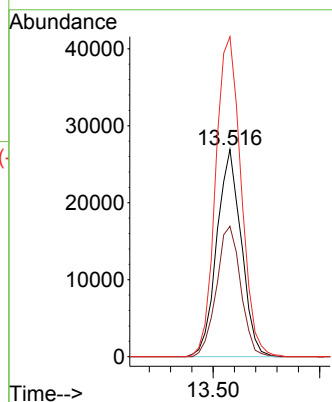
Tgt Ion:152 Resp: 42899

Ion Ratio Lower Upper

152 100

115 62.5 26.5 79.5

150 160.4 0.0 341.6



#76

1,2,3-Trichloropropane

Concen: 56.269 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD079325.D

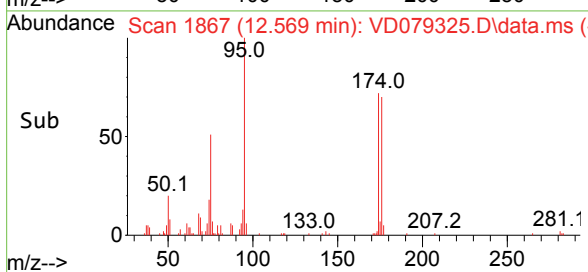
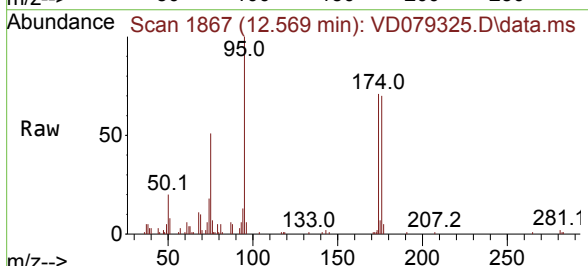
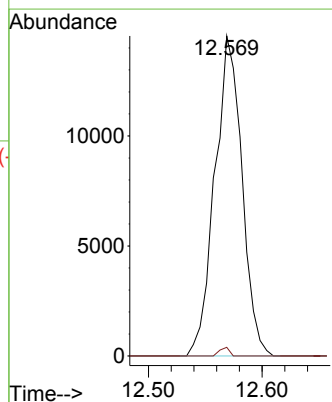
Acq: 02 Jul 2024 18:05

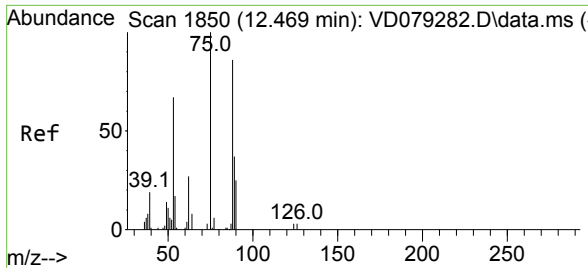
Tgt Ion: 75 Resp: 24157

Ion Ratio Lower Upper

75 100

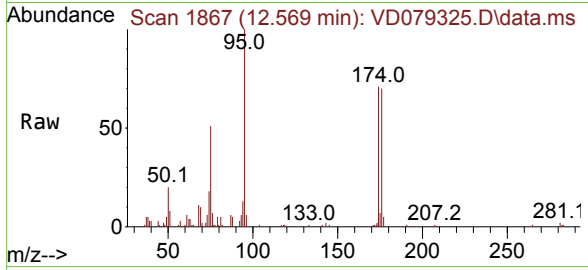
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.413 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD079325.D
 Acq: 02 Jul 2024 18:05

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	24157
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.4	92.2#
89	0.0	35.4	53.0#

