

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081424\
 Data File : VD079729.D
 Acq On : 14 Aug 2024 10:42
 Operator : RP/MD
 Sample : VD0814SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 15 01:30:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 13 01:06:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	158540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	317220	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	281857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	119744	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	104211	57.134	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.260%
35) Dibromofluoromethane	7.805	113	102933	52.635	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.260%
50) Toluene-d8	10.269	98	406816	49.773	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.540%
62) 4-Bromofluorobenzene	12.569	95	105453	46.079	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	92.160%

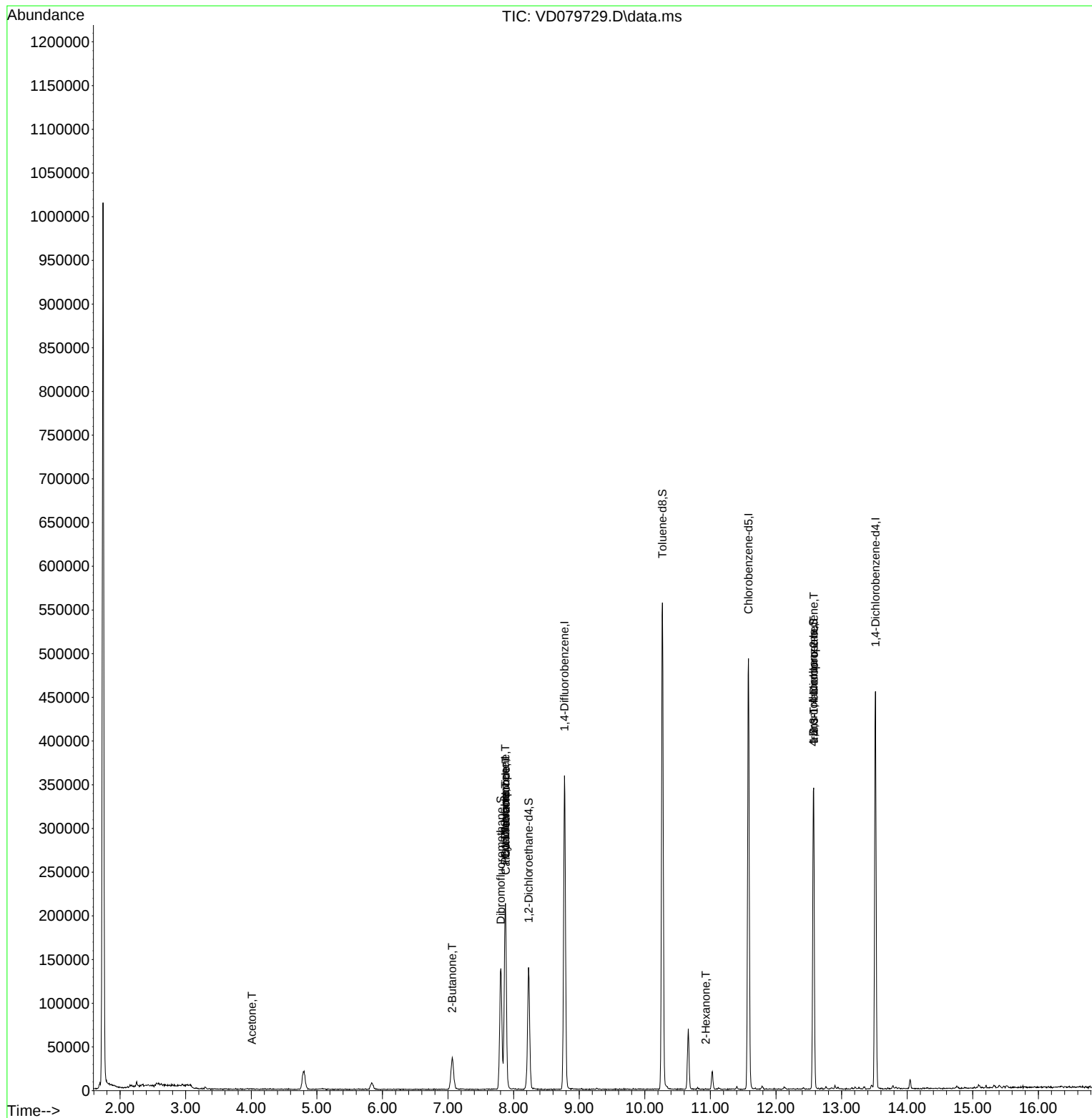
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	303	Below Cal	#	43
11) Tert butyl alcohol	5.063	59	271	Below Cal	#	86
16) Acetone	4.011	43	239	16.549	ug/l #	37
25) 2-Butanone	7.063	43	1749	3.117	ug/l #	87
31) Cyclohexane	7.875	56	3859	1.157	ug/l #	42
36) 1,1-Dichloropropene	7.875	75	14332	4.728	ug/l #	47
38) Carbon Tetrachloride	7.881	117	15970	5.190	ug/l #	18
59) 2-Hexanone	10.928	43	215	8.186	ug/l	88
76) 1,2,3-Trichloropropane	12.575	75	55476	56.830	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	55476	96.845	ug/l #	19

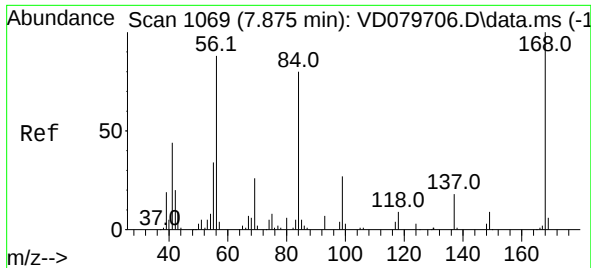
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081424\
Data File : VD079729.D
Acq On : 14 Aug 2024 10:42
Operator : RP/MD
Sample : VD0814SBL01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

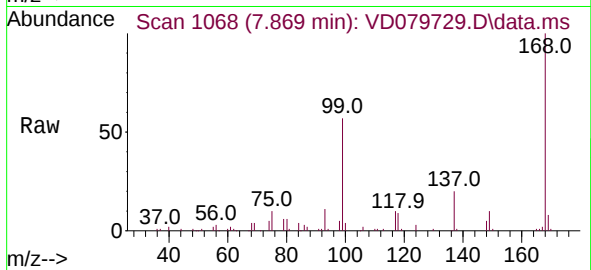
Quant Time: Aug 15 01:30:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 13 01:06:11 2024
Response via : Initial Calibration



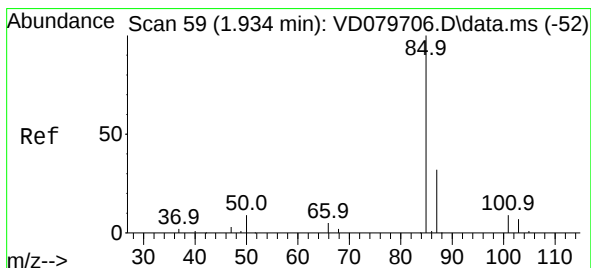
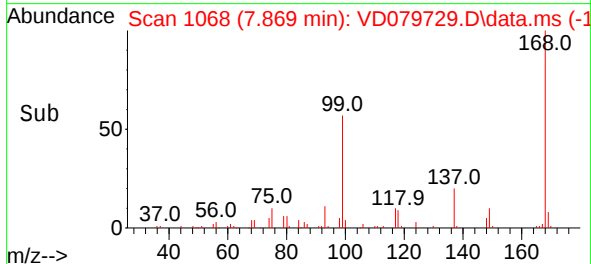
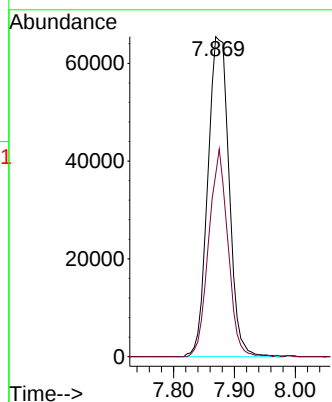


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079729.D
Acq: 14 Aug 2024 10:42

Instrument :
MSVOA_D
ClientSampleId :

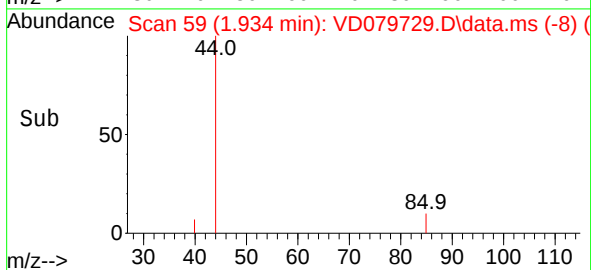
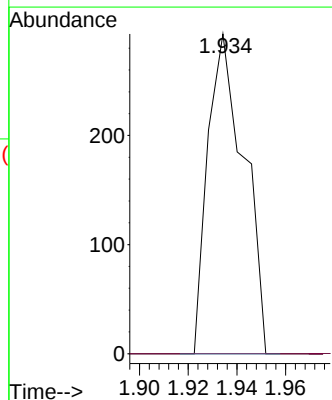
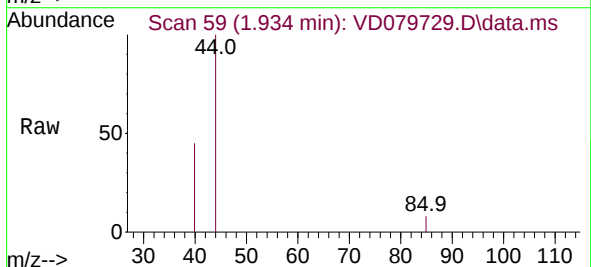


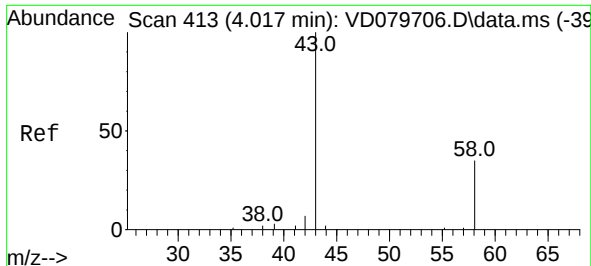
Tgt Ion:168 Resp: 158540
Ion Ratio Lower Upper
168 100
99 57.0 41.1 61.7



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079729.D
Acq: 14 Aug 2024 10:42

Tgt Ion: 85 Resp: 303
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#





#16

Acetone

Concen: 16.549 ug/l

RT: 4.011 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD079729.D

Acq: 14 Aug 2024 10:42

Instrument :

MSVOA_D

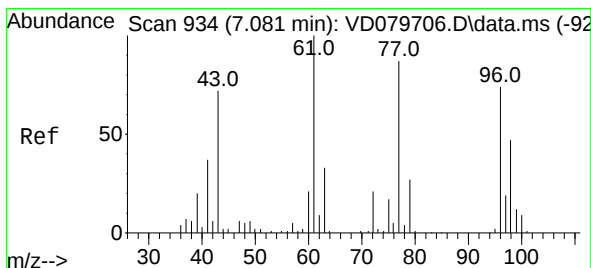
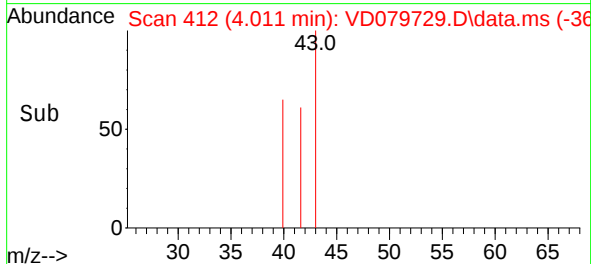
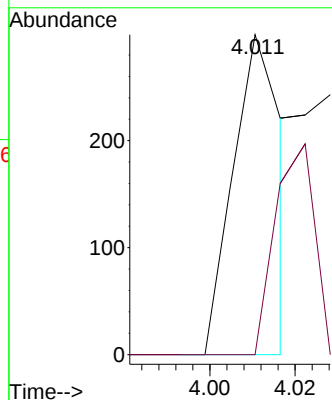
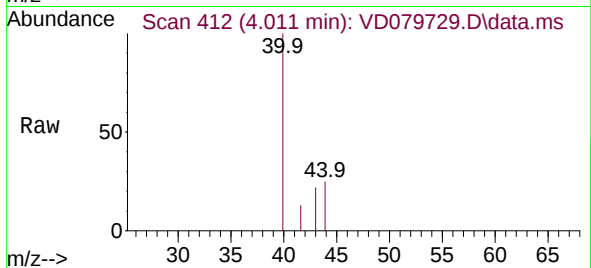
ClientSampleId :

Tgt Ion: 43 Resp: 239

Ion Ratio Lower Upper

43 100

58 0.0 30.4 45.6#



#25

2-Butanone

Concen: 3.117 ug/l

RT: 7.063 min Scan# 931

Delta R.T. -0.018 min

Lab File: VD079729.D

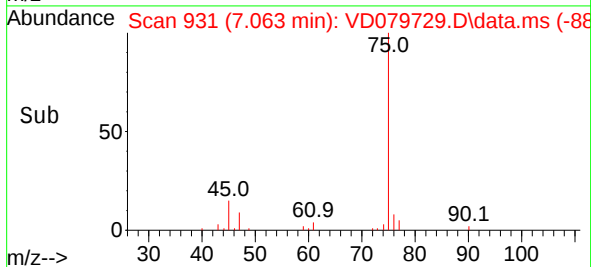
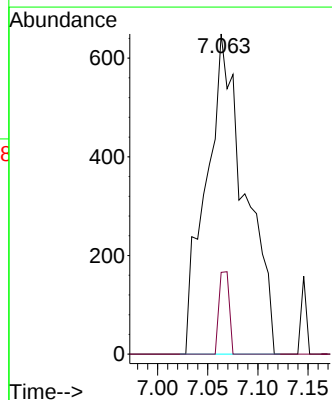
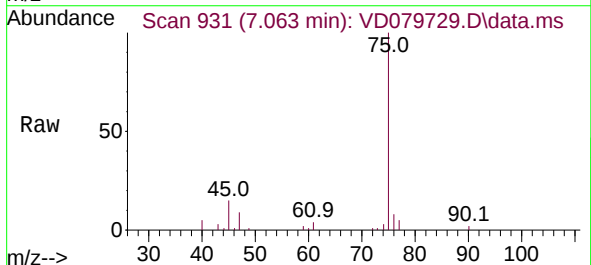
Acq: 14 Aug 2024 10:42

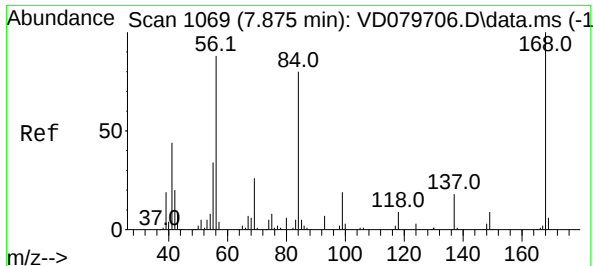
Tgt Ion: 43 Resp: 1749

Ion Ratio Lower Upper

43 100

72 25.6 26.4 39.6#





#31

Cyclohexane

Concen: 1.157 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

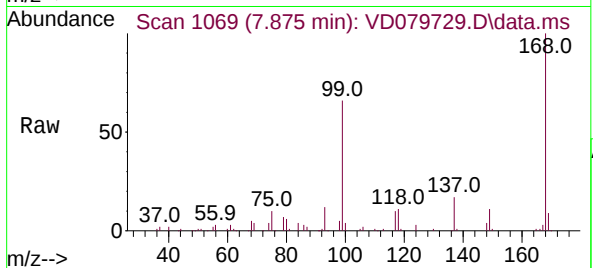
Lab File: VD079729.D

Acq: 14 Aug 2024 10:42

Instrument :

MSVOA_D

ClientSampleId :



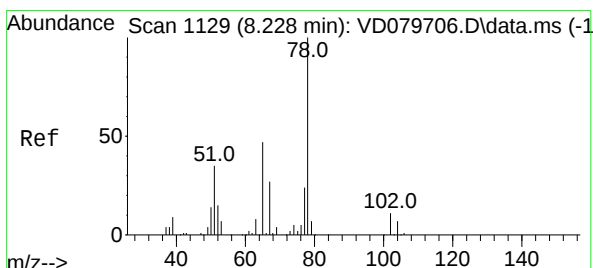
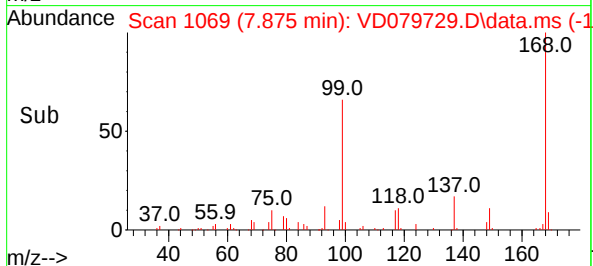
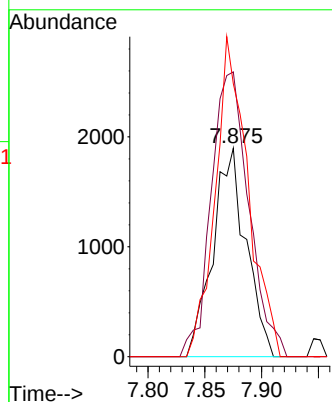
Tgt Ion: 56 Resp: 3859

Ion Ratio Lower Upper

56 100

69 136.6 28.0 42.0#

84 130.9 87.4 131.0



#33

1,2-Dichloroethane-d4

Concen: 57.134 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079729.D

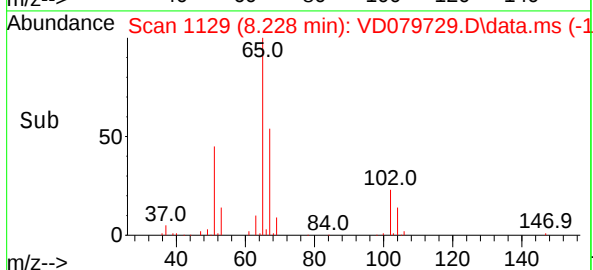
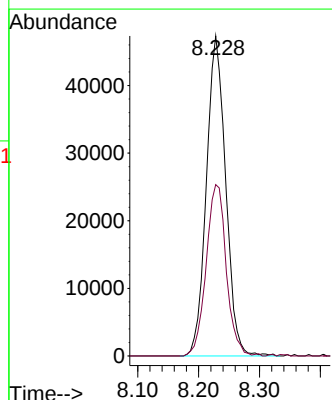
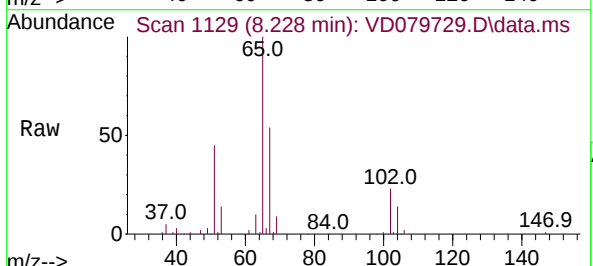
Acq: 14 Aug 2024 10:42

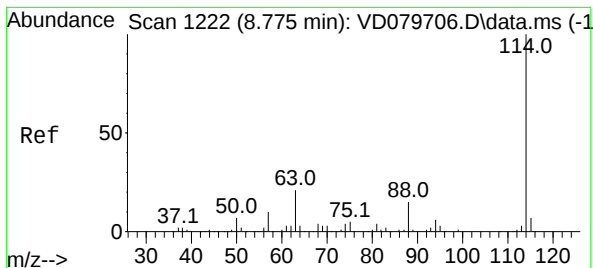
Tgt Ion: 65 Resp: 104211

Ion Ratio Lower Upper

65 100

67 55.8 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079729.D

Acq: 14 Aug 2024 10:42

Instrument :

MSVOA_D

ClientSampleId :

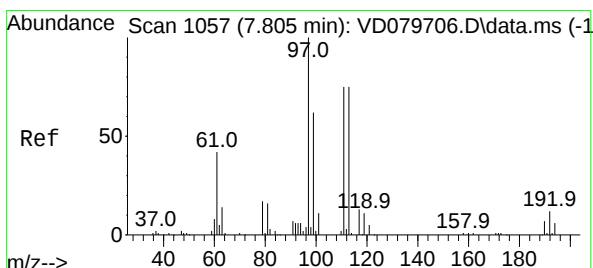
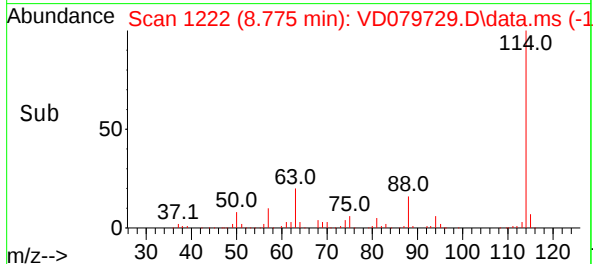
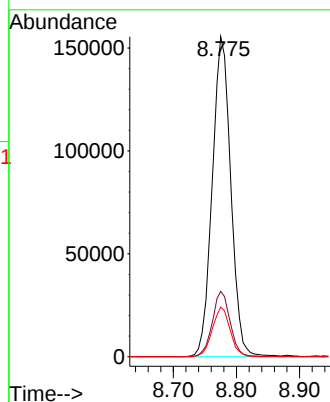
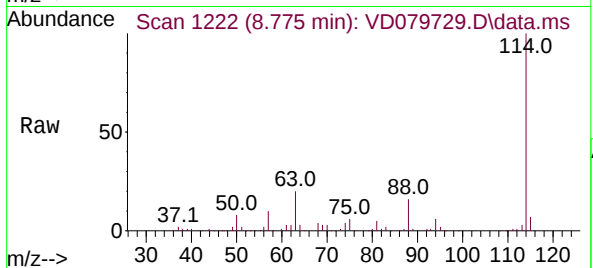
Tgt Ion:114 Resp: 317220

Ion Ratio Lower Upper

114 100

63 20.4 0.0 34.0

88 15.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.635 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079729.D

Acq: 14 Aug 2024 10:42

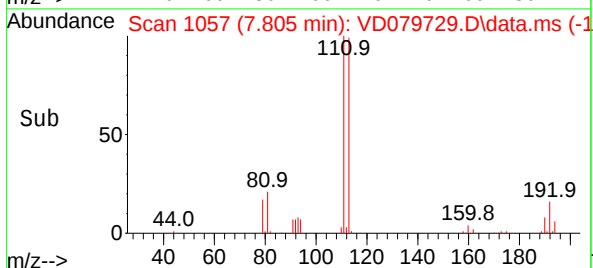
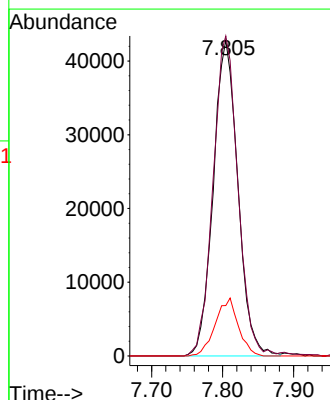
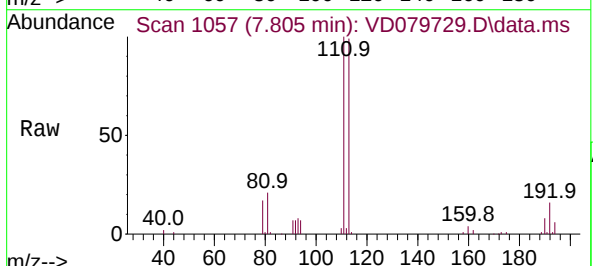
Tgt Ion:113 Resp: 102933

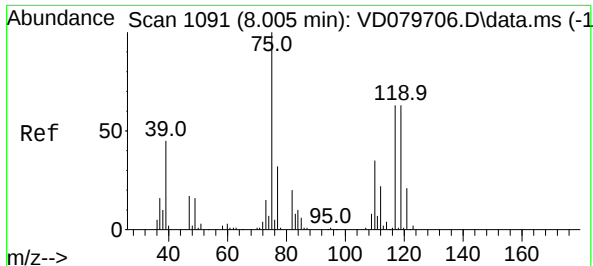
Ion Ratio Lower Upper

113 100

111 101.8 84.0 126.0

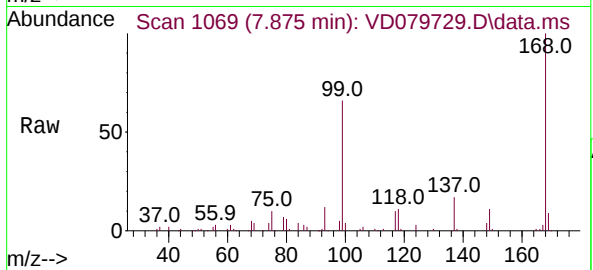
192 17.2 15.4 23.0



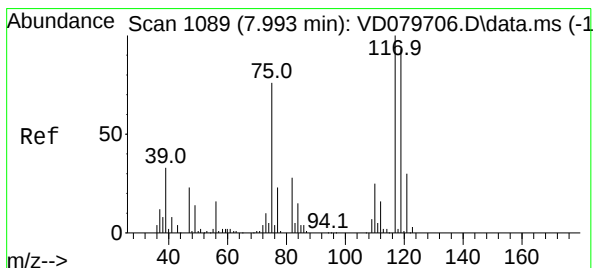
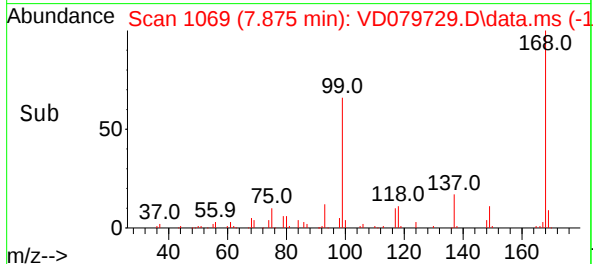
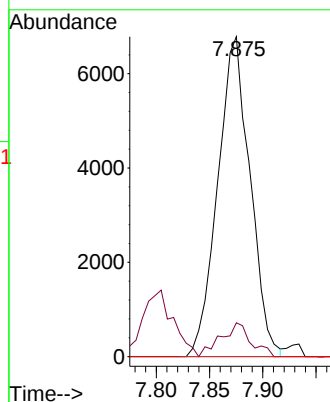


#36
 1,1-Dichloropropene
 Concen: 4.728 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.129 min
 Lab File: VD079729.D
 Acq: 14 Aug 2024 10:42

Instrument :
 MSVOA_D
 ClientSampleId :

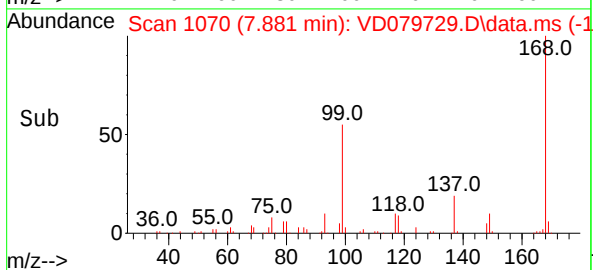
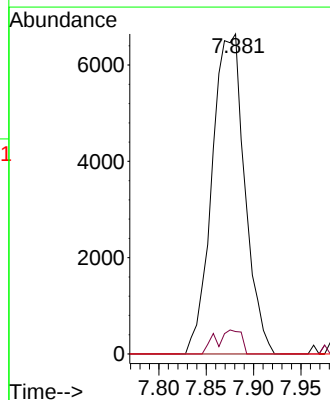
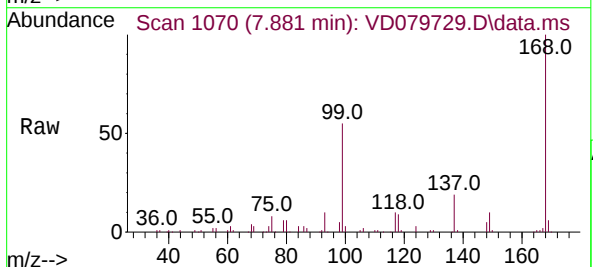


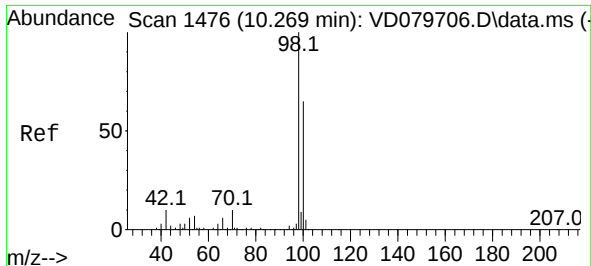
Tgt Ion: 75 Resp: 14332
 Ion Ratio Lower Upper
 75 100
 110 9.8 19.6 58.7#
 77 0.0 26.1 39.1#



#38
 Carbon Tetrachloride
 Concen: 5.190 ug/l
 RT: 7.881 min Scan# 1070
 Delta R.T. -0.112 min
 Lab File: VD079729.D
 Acq: 14 Aug 2024 10:42

Tgt Ion: 117 Resp: 15970
 Ion Ratio Lower Upper
 117 100
 119 7.0 75.4 113.0#
 121 0.0 25.0 37.4#





#50

Toluene-d8

Concen: 49.773 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD079729.D

Acq: 14 Aug 2024 10:42

Instrument :

MSVOA_D

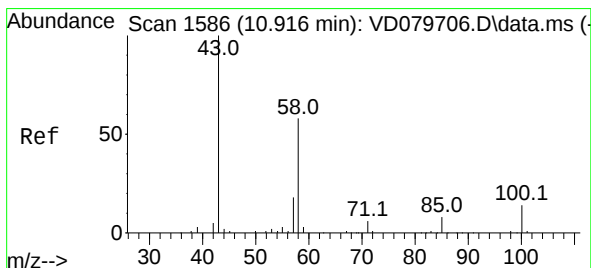
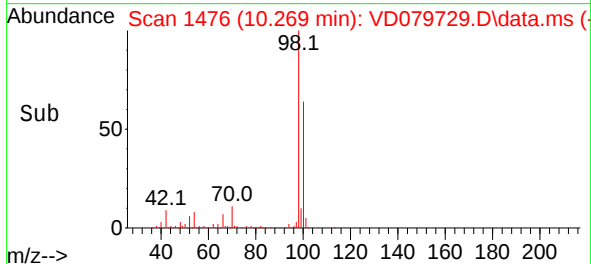
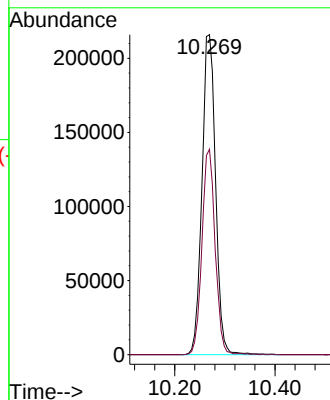
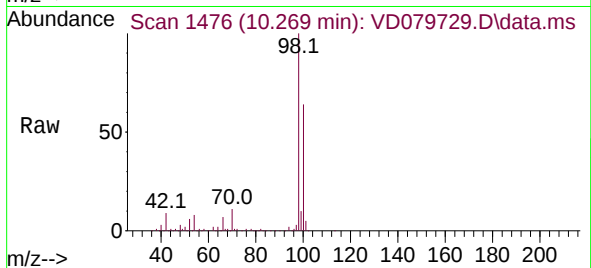
ClientSampleId :

Tgt Ion: 98 Resp: 406816

Ion Ratio Lower Upper

98 100

100 62.3 51.6 77.4



#59

2-Hexanone

Concen: 8.186 ug/l

RT: 10.928 min Scan# 1588

Delta R.T. 0.012 min

Lab File: VD079729.D

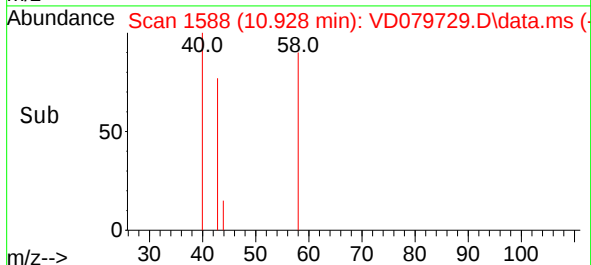
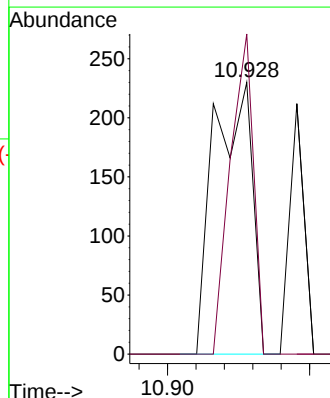
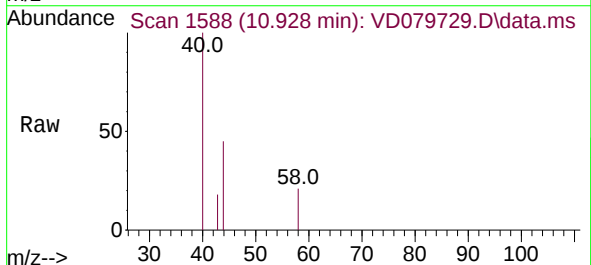
Acq: 14 Aug 2024 10:42

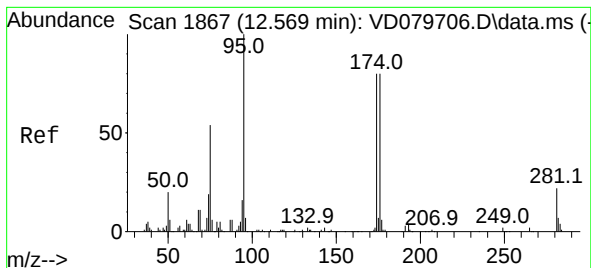
Tgt Ion: 43 Resp: 215

Ion Ratio Lower Upper

43 100

58 71.6 31.1 93.5

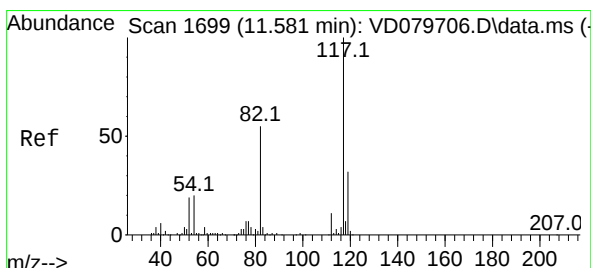
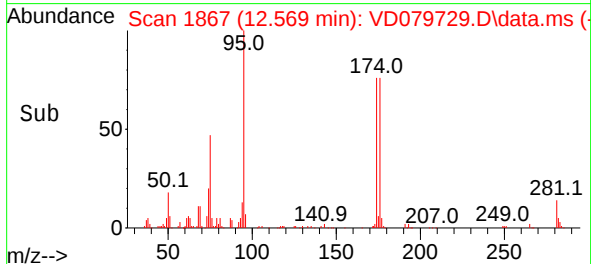
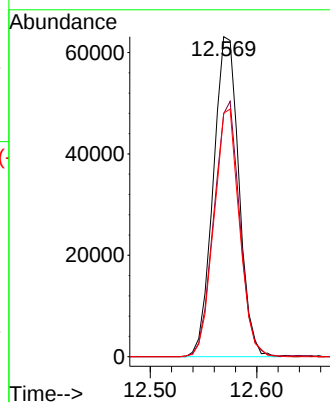
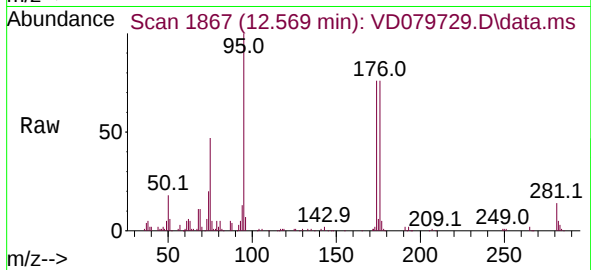




#62
4-Bromofluorobenzene
Concen: 46.079 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079729.D
Acq: 14 Aug 2024 10:42

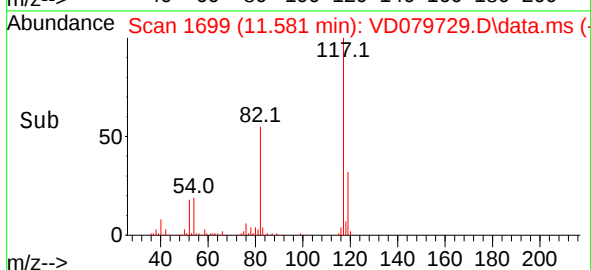
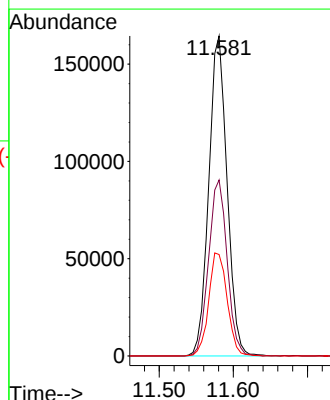
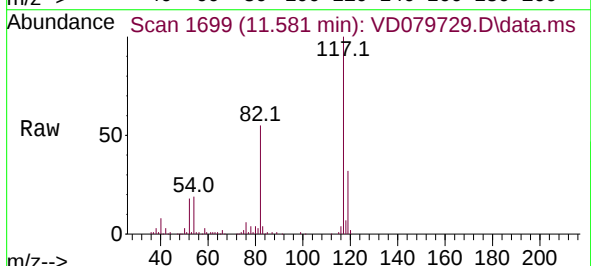
Instrument :
MSVOA_D
ClientSampleId :

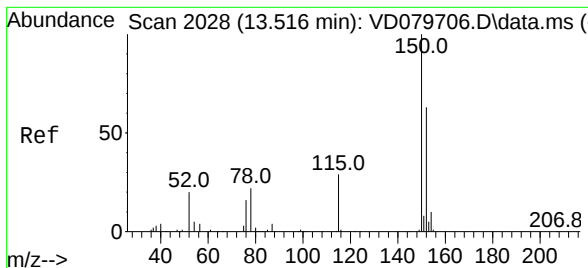
Tgt Ion: 95 Resp: 105453
Ion Ratio Lower Upper
95 100
174 79.9 0.0 195.4
176 76.8 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079729.D
Acq: 14 Aug 2024 10:42

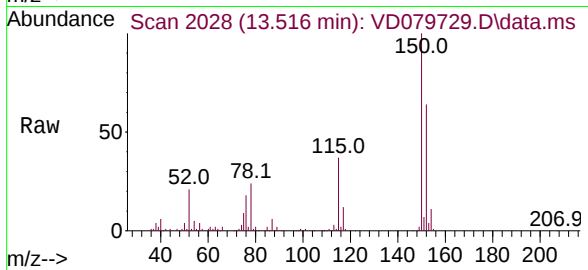
Tgt Ion: 117 Resp: 281857
Ion Ratio Lower Upper
117 100
82 55.0 39.8 59.6
119 31.7 25.7 38.5



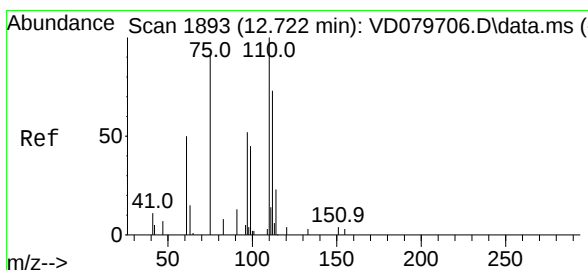
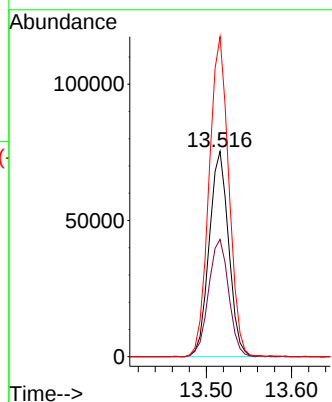
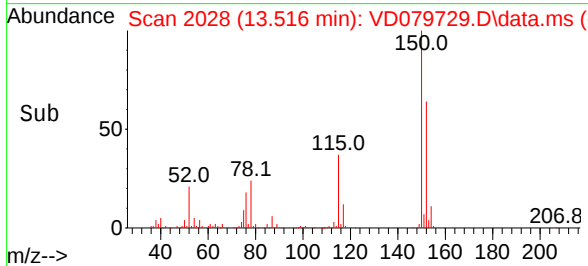


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD079729.D
Acq: 14 Aug 2024 10:42

Instrument :
MSVOA_D
ClientSampleId :

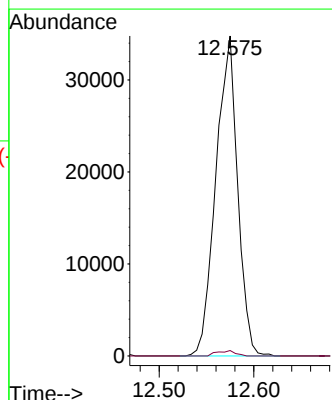
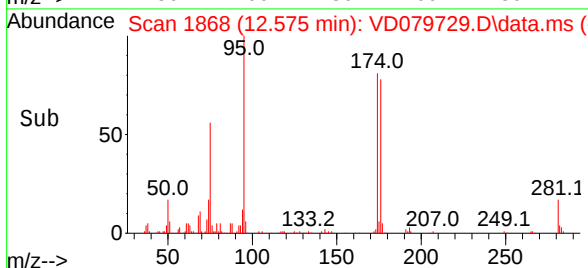
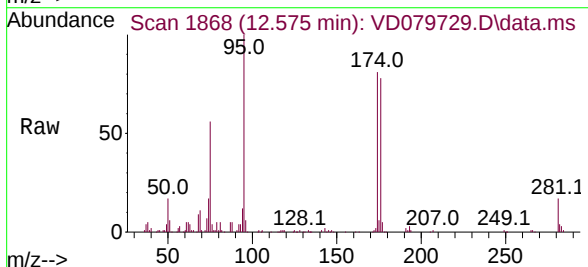


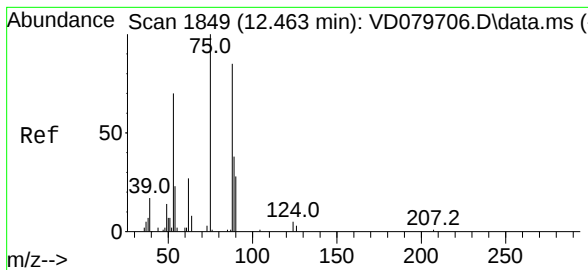
Tgt Ion:152 Resp: 119744
Ion Ratio Lower Upper
152 100
115 59.2 26.5 79.5
150 157.8 0.0 341.6



#76
1,2,3-Trichloropropane
Concen: 56.830 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD079729.D
Acq: 14 Aug 2024 10:42

Tgt Ion: 75 Resp: 55476
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.845 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VD079729.D
 Acq: 14 Aug 2024 10:42

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:	75	Resp:	55476
Ion	Ratio	Lower	Upper
75	100		
53	0.3	61.4	92.2#
89	0.0	35.4	53.0#

