

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111022\
 Data File : VD074866.D
 Acq On : 10 Nov 2022 14:29
 Operator : VA/SY
 Sample : N5511-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-04-110722

Quant Time: Nov 10 16:40:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	203573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	316621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	276390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	110766	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	66171	41.040	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.080%
35) Dibromofluoromethane	7.805	113	97148	51.869	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.740%
50) Toluene-d8	10.269	98	269332	39.423	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.840%
62) 4-Bromofluorobenzene	12.575	95	81777	41.456	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.920%

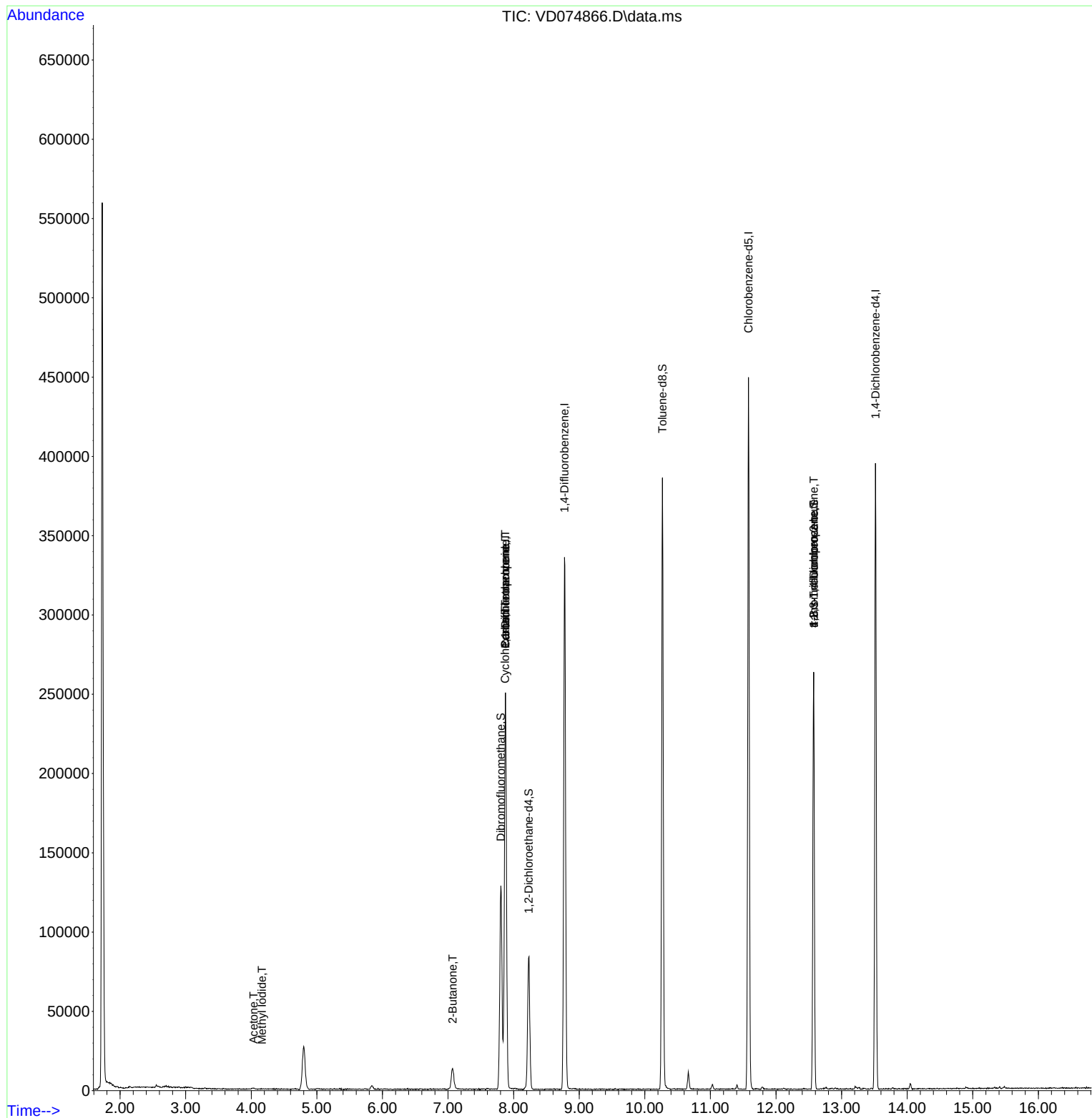
Target Compounds					Qvalue	
10) Methyl Iodide	4.164	142	270	5.642	ug/l	# 43
11) Tert butyl alcohol	5.040	59	71	Below Cal		# 84
16) Acetone	4.034	43	897	2.666	ug/l	# 37
20) Methylene Chloride	4.799	84	24558	Below Cal		# 97
25) 2-Butanone	7.069	43	643	1.390	ug/l	# 42
31) Cyclohexane	7.869	56	3667	1.123	ug/l	# 29
36) 1,1-Dichloropropene	7.875	75	13954	4.908	ug/l	# 47
38) Carbon Tetrachloride	7.875	117	19089	7.087	ug/l	# 17
76) 1,2,3-Trichloropropane	12.575	75	39920	46.491	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.575	75	39920	110.358	ug/l	# 17

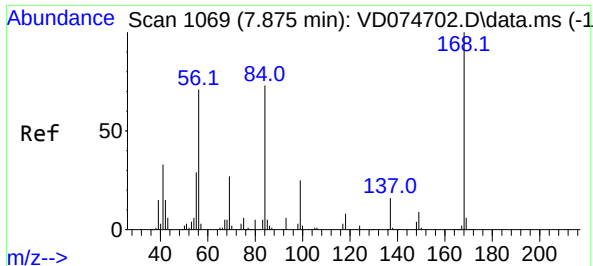
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Nov 03 02:30:45 2022
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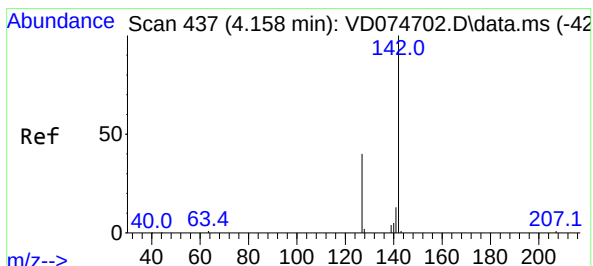
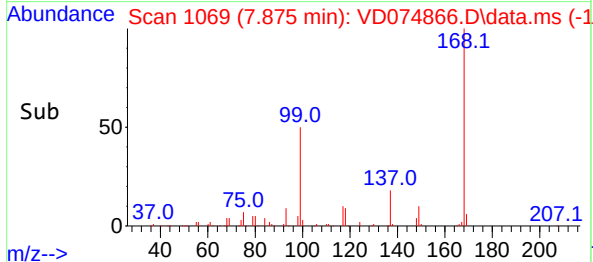
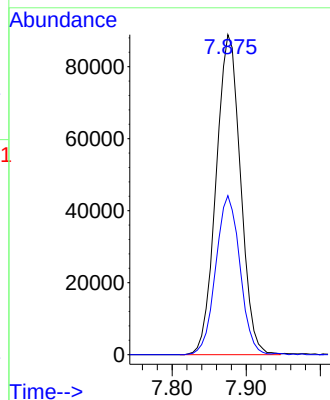
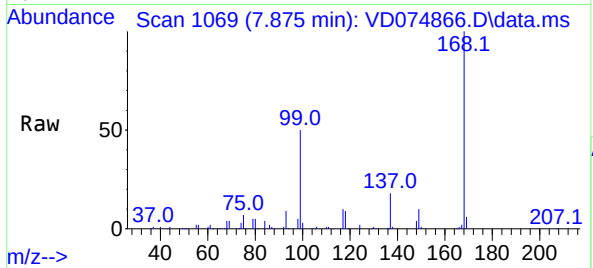




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074866.D
Acq: 10 Nov 2022 14:29

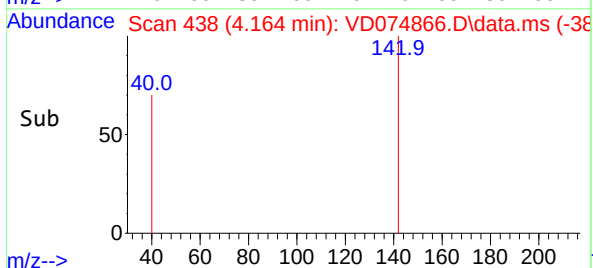
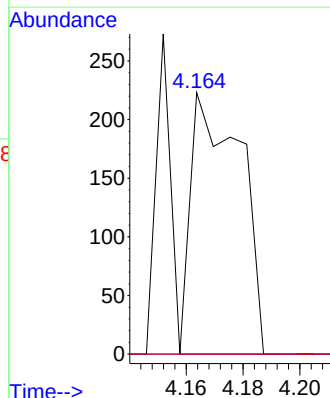
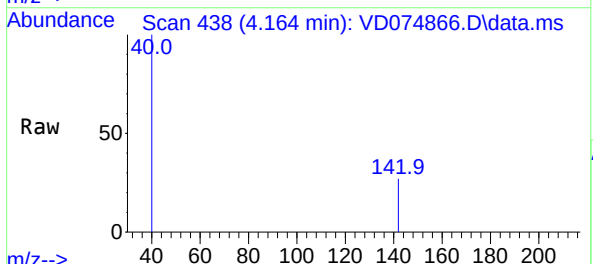
Instrument :
MSVOA_D
ClientSampleId :
PL-04-110722

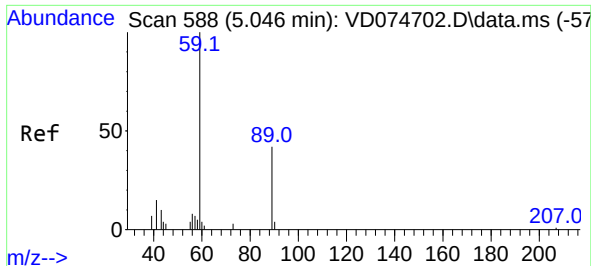
Tgt Ion:168 Resp: 203573
Ion Ratio Lower Upper
168 100
99 49.7 40.9 61.3



#10
Methyl Iodide
Concen: 5.642 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD074866.D
Acq: 10 Nov 2022 14:29

Tgt Ion:142 Resp: 270
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.040 min Scan# 51

Delta R.T. -0.006 min

Lab File: VD074866.D

Acq: 10 Nov 2022 14:29

Instrument :

MSVOA_D

ClientSampleId :

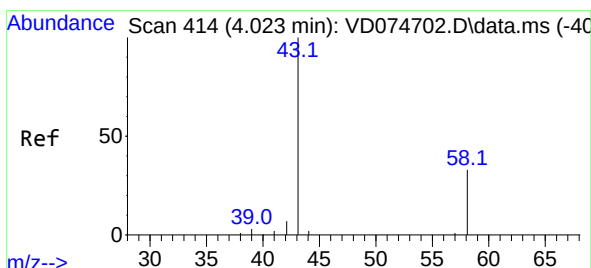
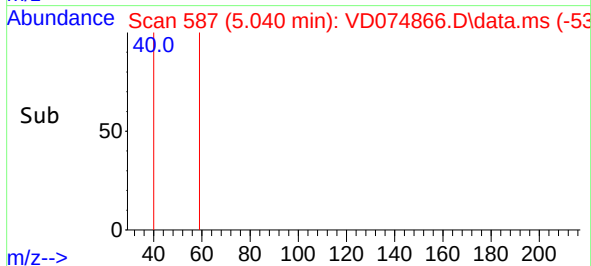
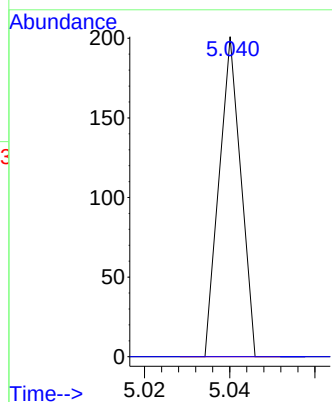
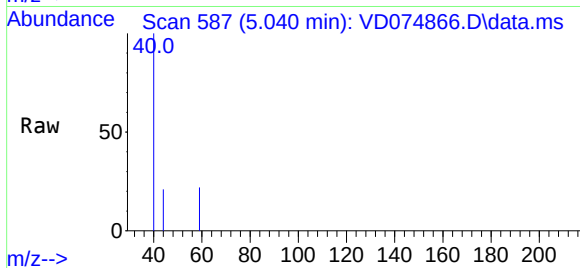
PL-04-110722

Tgt Ion: 59 Resp: 71

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 2.666 ug/l

RT: 4.034 min Scan# 416

Delta R.T. 0.011 min

Lab File: VD074866.D

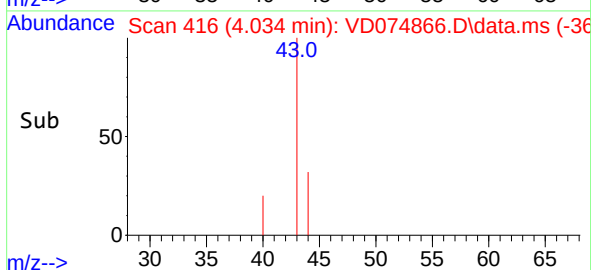
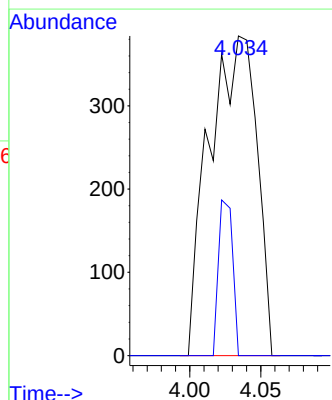
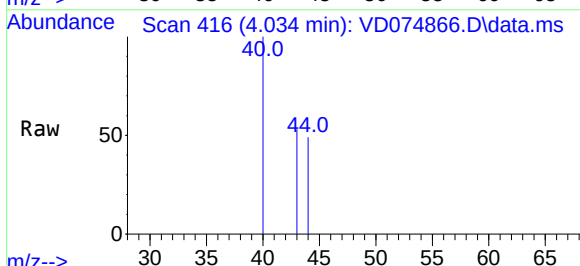
Acq: 10 Nov 2022 14:29

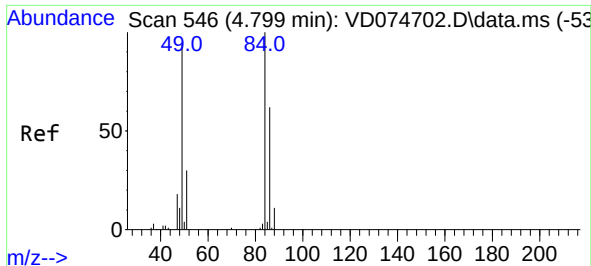
Tgt Ion: 43 Resp: 897

Ion Ratio Lower Upper

43 100

58 0.0 30.2 45.2#

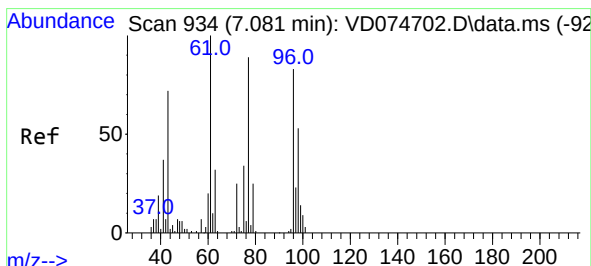
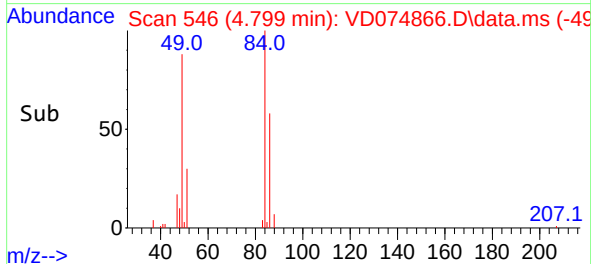
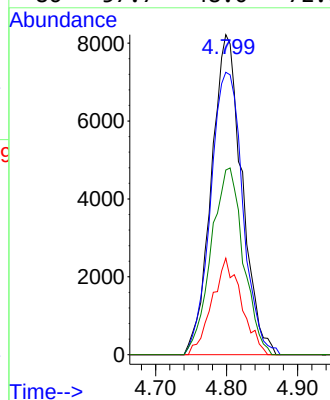
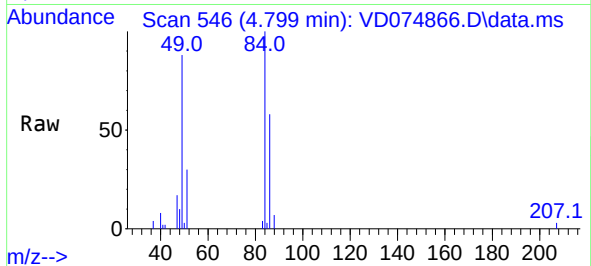




#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074866.D
Acq: 10 Nov 2022 14:29

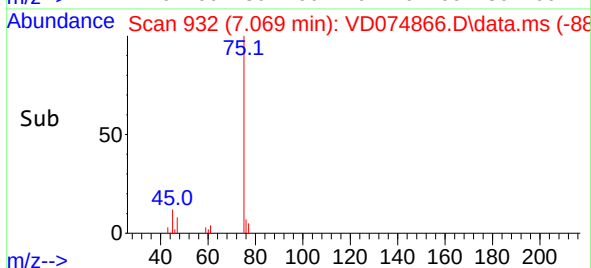
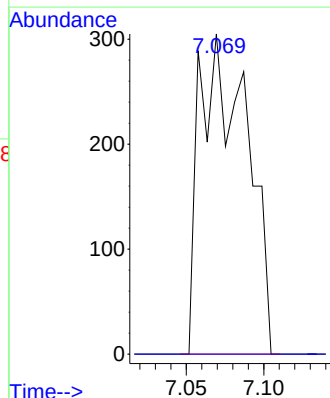
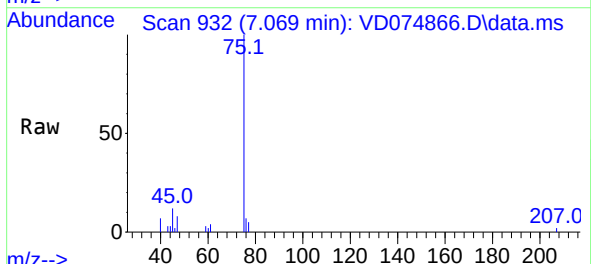
Instrument :
MSVOA_D
ClientSampleId :
PL-04-110722

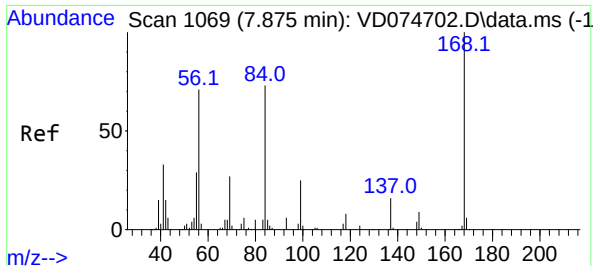
Tgt Ion:	84	Resp:	24558
Ion	Ratio	Lower	Upper
84	100		
49	88.3	68.0	102.0
51	30.1	23.2	34.8
86	57.7	48.0	72.0



#25
2-Butanone
Concen: 1.390 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD074866.D
Acq: 10 Nov 2022 14:29

Tgt Ion:	43	Resp:	643
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8





#31

Cyclohexane

Concen: 1.123 ug/l

RT: 7.869 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD074866.D

Acq: 10 Nov 2022 14:29

Instrument :

MSVOA_D

ClientSampleId :

PL-04-110722

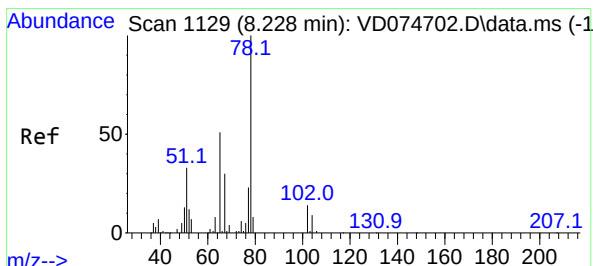
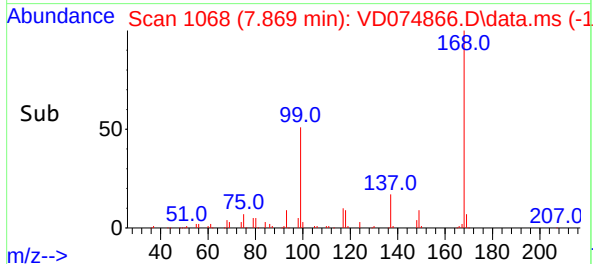
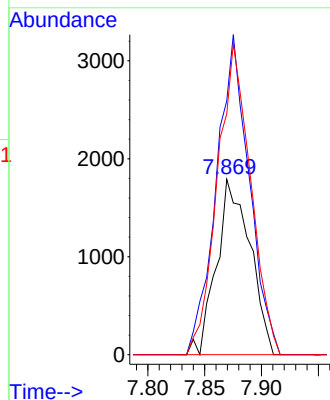
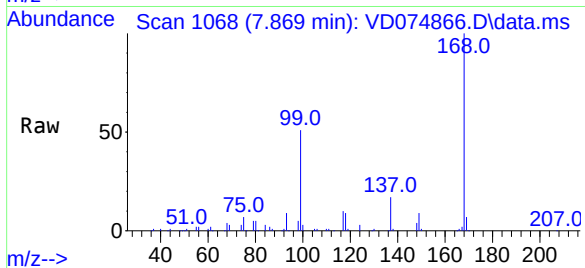
Tgt Ion: 56 Resp: 3667

Ion Ratio Lower Upper

56 100

69 144.7 29.2 43.8#

84 137.3 83.4 125.2#



#33

1,2-Dichloroethane-d4

Concen: 41.040 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD074866.D

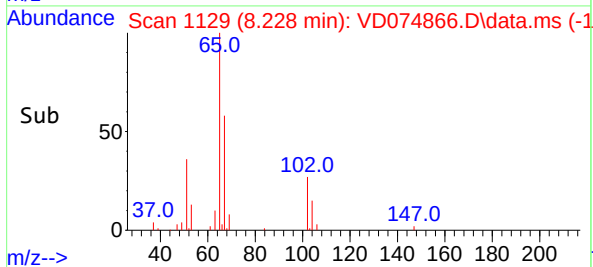
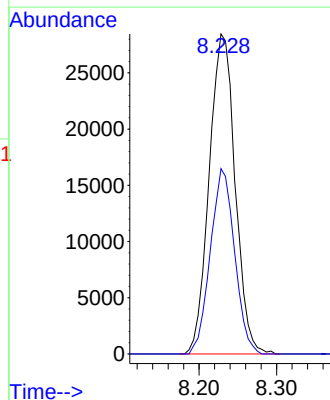
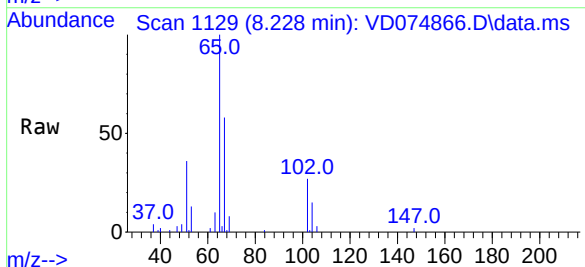
Acq: 10 Nov 2022 14:29

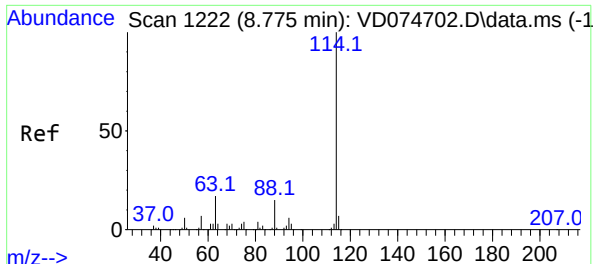
Tgt Ion: 65 Resp: 66171

Ion Ratio Lower Upper

65 100

67 54.1 0.0 110.2

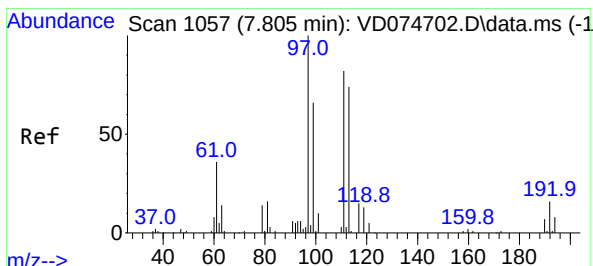
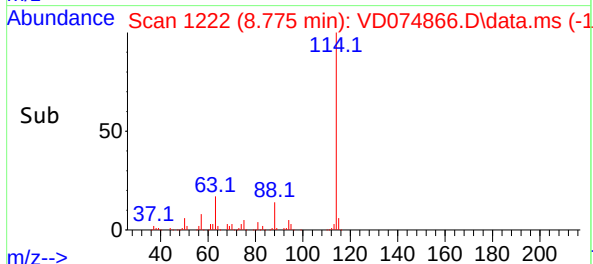
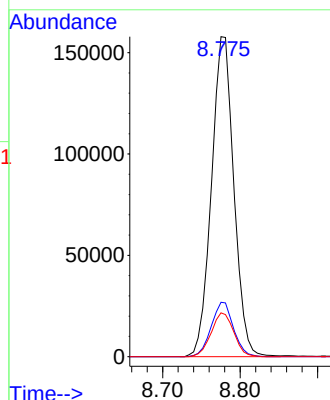
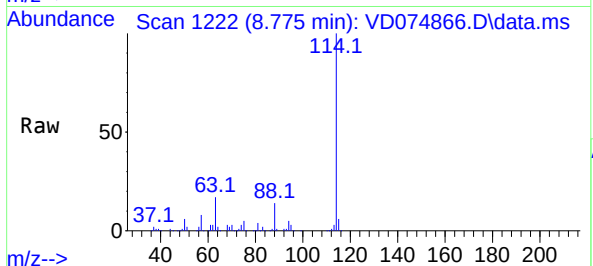




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074866.D
Acq: 10 Nov 2022 14:29

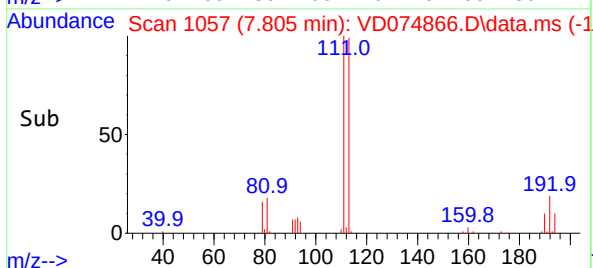
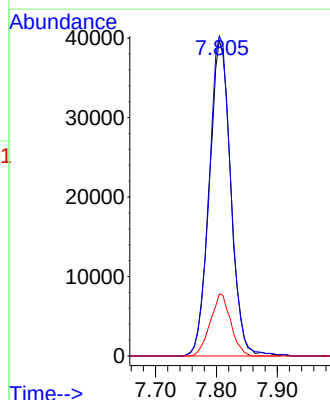
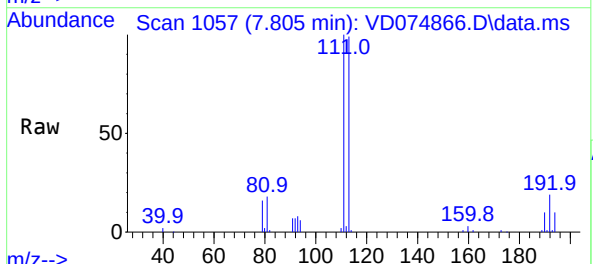
Instrument :
MSVOA_D
ClientSampleId :
PL-04-110722

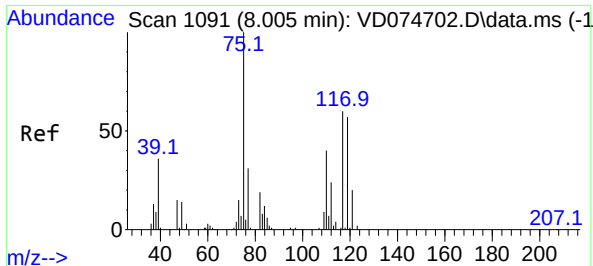
Tgt Ion:114 Resp: 316621
Ion Ratio Lower Upper
114 100
63 17.0 0.0 33.2
88 13.7 0.0 28.2



#35
Dibromofluoromethane
Concen: 51.869 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD074866.D
Acq: 10 Nov 2022 14:29

Tgt Ion:113 Resp: 97148
Ion Ratio Lower Upper
113 100
111 101.6 82.3 123.5
192 18.7 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.908 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD074866.D

Acq: 10 Nov 2022 14:29

Instrument :

MSVOA_D

ClientSampleId :

PL-04-110722

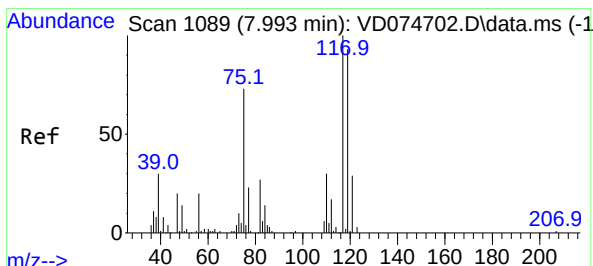
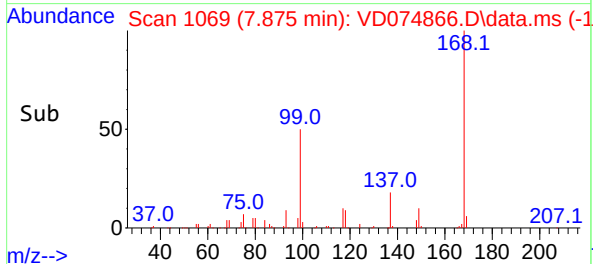
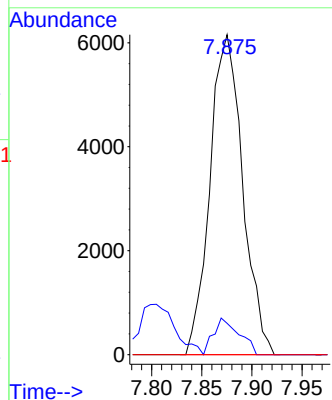
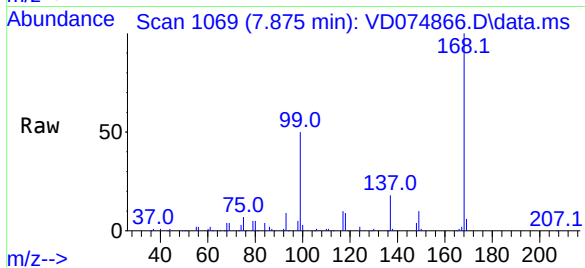
Tgt Ion: 75 Resp: 13954

Ion Ratio Lower Upper

75 100

110 8.9 19.7 59.0#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 7.087 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD074866.D

Acq: 10 Nov 2022 14:29

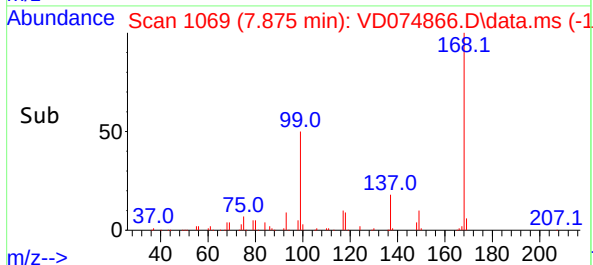
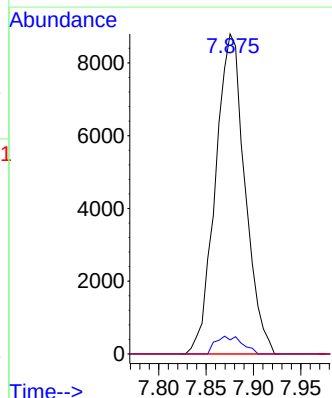
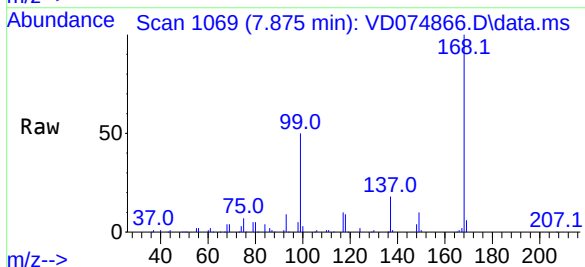
Tgt Ion: 117 Resp: 19089

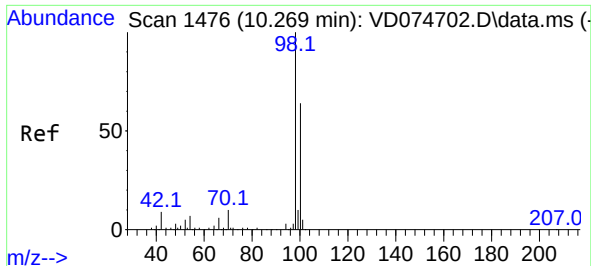
Ion Ratio Lower Upper

117 100

119 4.4 73.1 109.7#

121 0.0 25.0 37.6#

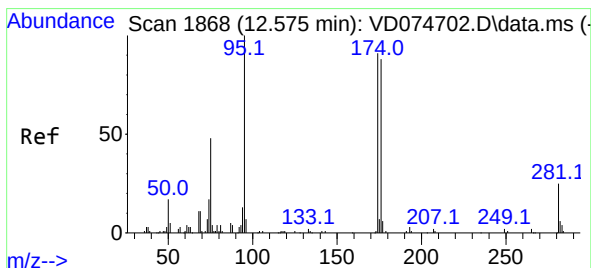
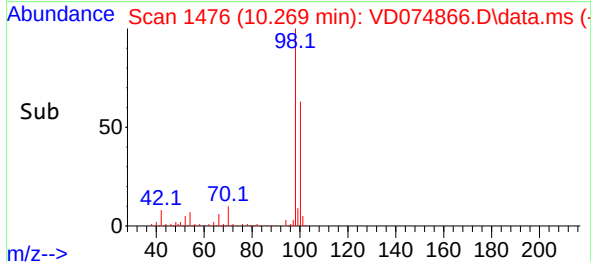
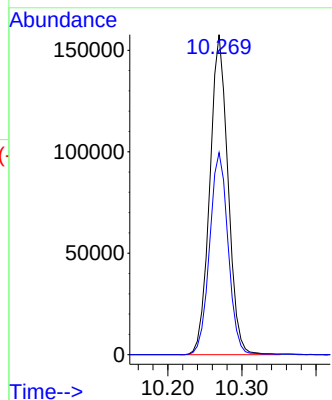
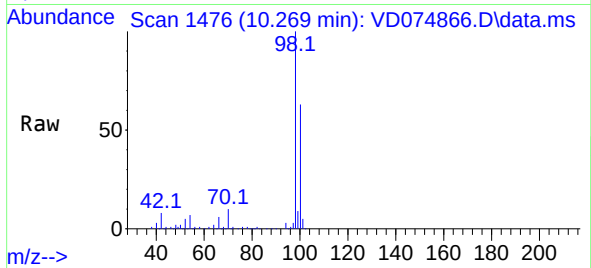




#50
Toluene-d8
Concen: 39.423 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074866.D
Acq: 10 Nov 2022 14:29

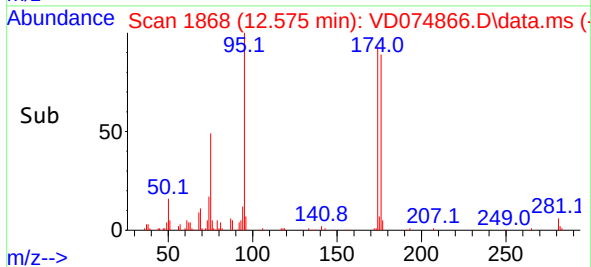
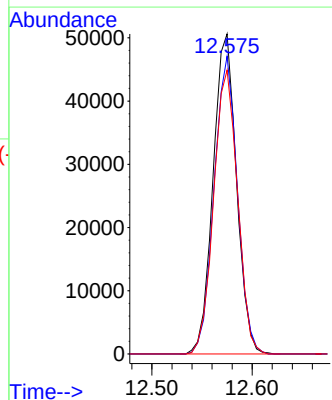
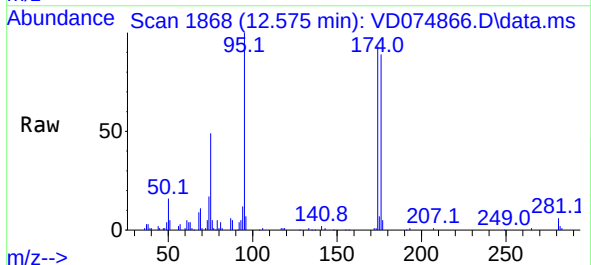
Instrument :
MSVOA_D
ClientSampleId :
PL-04-110722

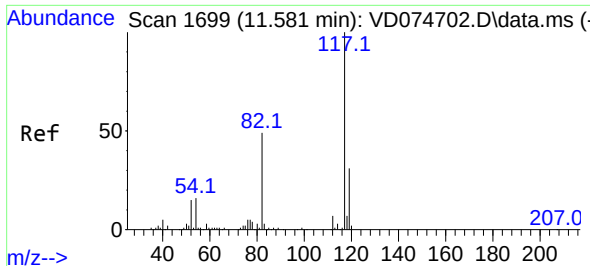
Tgt Ion: 98 Resp: 269332
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 41.456 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074866.D
Acq: 10 Nov 2022 14:29

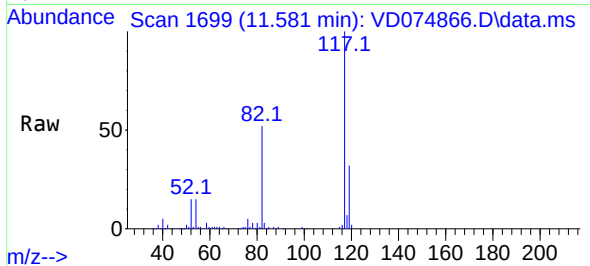
Tgt Ion: 95 Resp: 81777
Ion Ratio Lower Upper
95 100
174 93.0 0.0 197.0
176 90.5 0.0 182.6



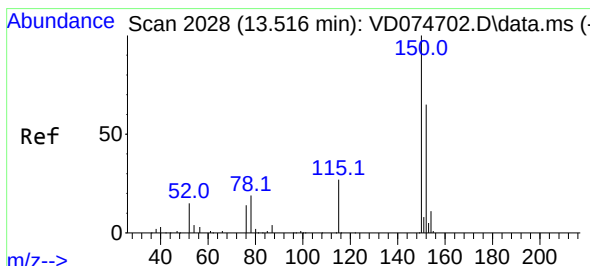
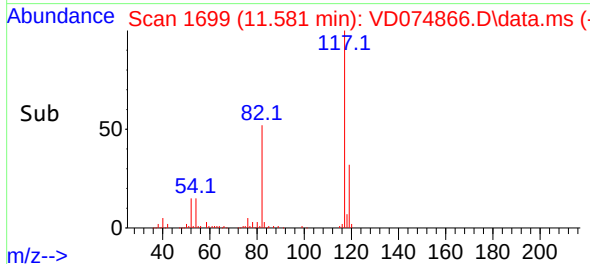
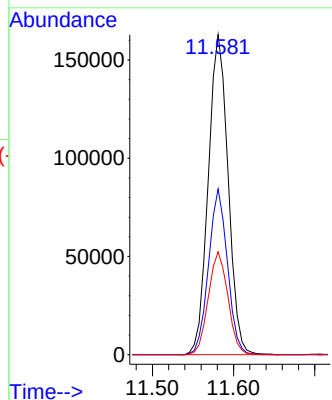


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074866.D
Acq: 10 Nov 2022 14:29

Instrument :
MSVOA_D
ClientSampleId :
PL-04-110722

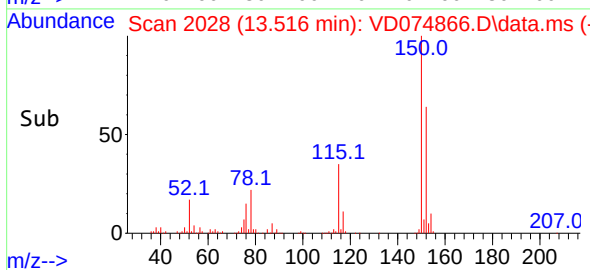
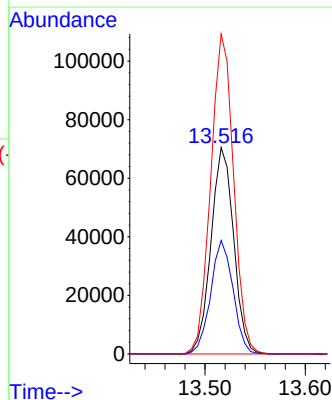
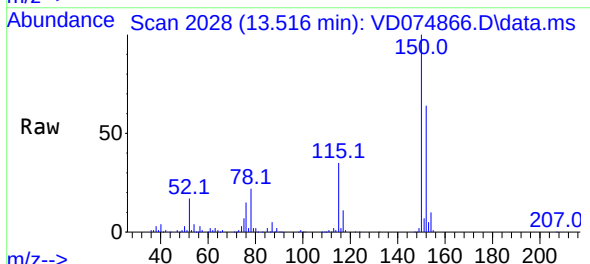


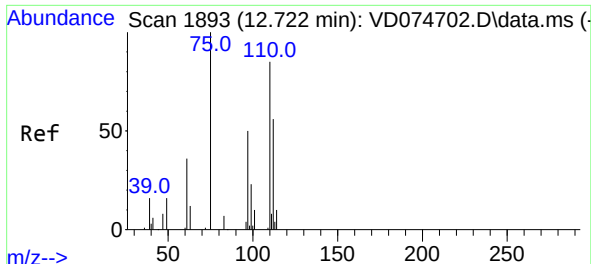
Tgt Ion:117 Resp: 276390
Ion Ratio Lower Upper
117 100
82 51.8 41.6 62.4
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074866.D
Acq: 10 Nov 2022 14:29

Tgt Ion:152 Resp: 110766
Ion Ratio Lower Upper
152 100
115 54.3 26.8 80.4
150 156.2 0.0 348.2

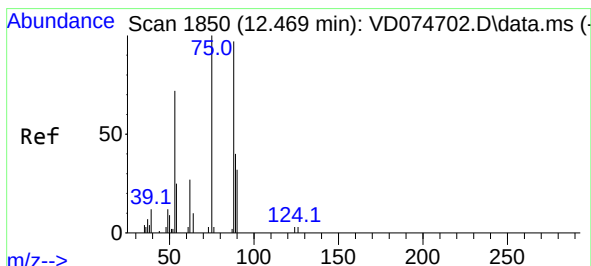
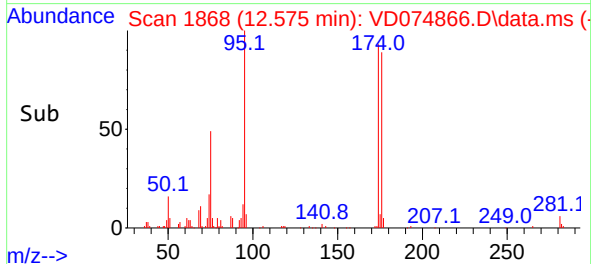
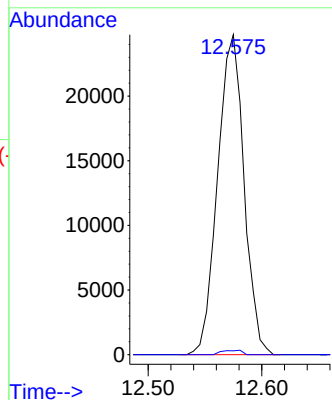
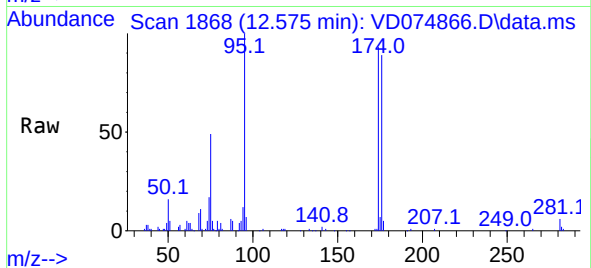




#76
1,2,3-Trichloropropane
Concen: 46.491 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074866.D
Acq: 10 Nov 2022 14:29

Instrument :
MSVOA_D
ClientSampleId :
PL-04-110722

Tgt Ion: 75 Resp: 39920
Ion Ratio Lower Upper
75 100
77 1.0 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.358 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074866.D
Acq: 10 Nov 2022 14:29

Tgt Ion: 75 Resp: 39920
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

