

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082923\
 Data File : VD077064.D
 Acq On : 29 Aug 2023 16:16
 Operator : JC/SY
 Sample : 04197-10
 Misc : 5.82G/5.5ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 29 21:00:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 02:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	116232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	265997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	299925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	135460	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	74081	64.735	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.460%
35) Dibromofluoromethane	7.804	113	97312	54.761	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.520%
50) Toluene-d8	10.269	98	356872	55.511	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.020%
62) 4-Bromofluorobenzene	12.575	95	109006	57.510	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	115.020%

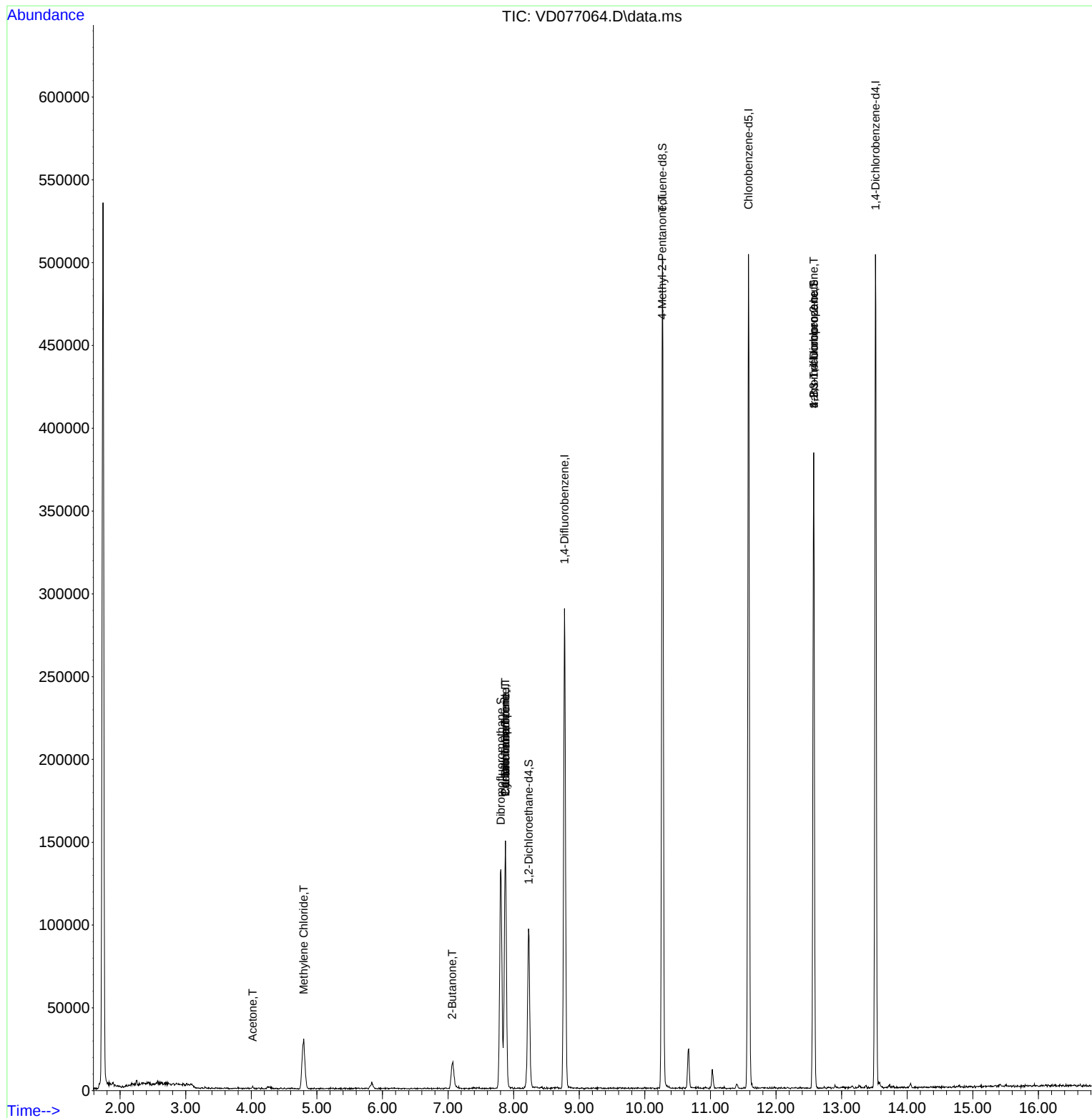
Target Compounds					Qvalue	
3) Chloromethane	2.146	50	228	Below Cal	#	41
16) Acetone	4.022	43	1065	4.083	ug/l #	60
20) Methylene Chloride	4.799	84	24502	12.014	ug/l	94
25) 2-Butanone	7.063	43	895	2.738	ug/l #	37
31) Cyclohexane	7.875	56	2651	1.450	ug/l #	73
36) 1,1-Dichloropropene	7.875	75	8781	3.469	ug/l #	47
38) Carbon Tetrachloride	7.875	117	11381	4.447	ug/l #	16
51) 4-Methyl-2-Pentanone	10.263	43	1351	1.514	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	58022	44.409	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	58022	103.108	ug/l #	17

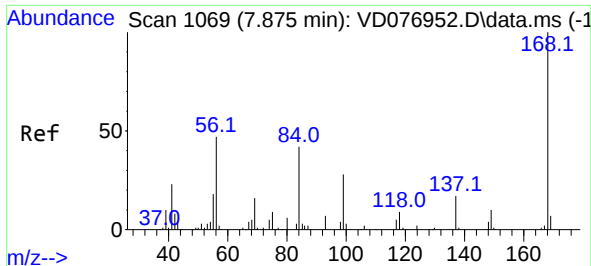
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082923\
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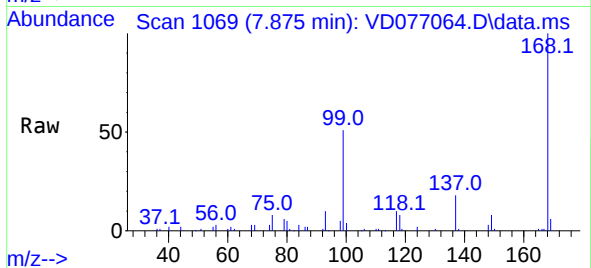
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 29 02:15:23 2023
Response via : Initial Calibration



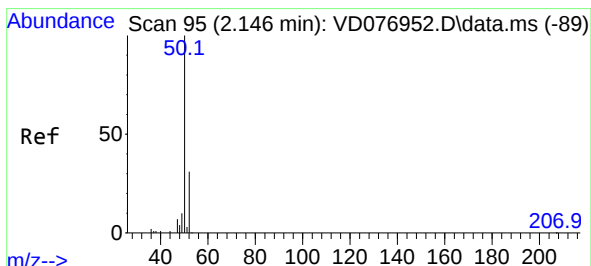
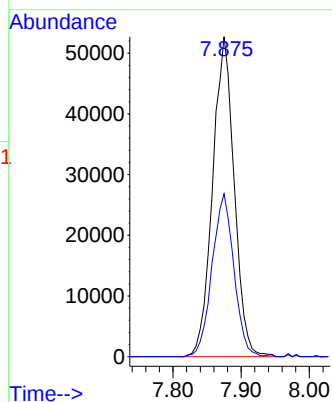
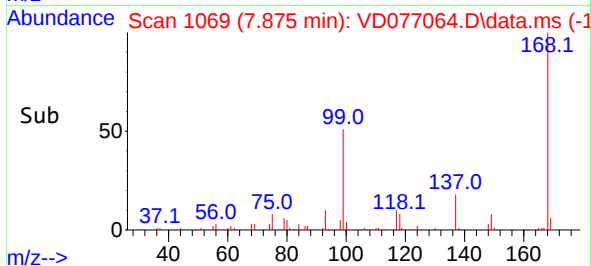


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD077064.D
Acq: 29 Aug 2023 16:16

Instrument :
MSVOA_D
ClientSampleId :

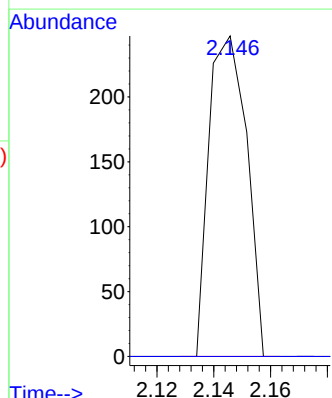
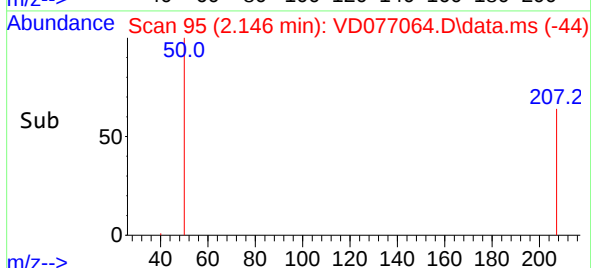
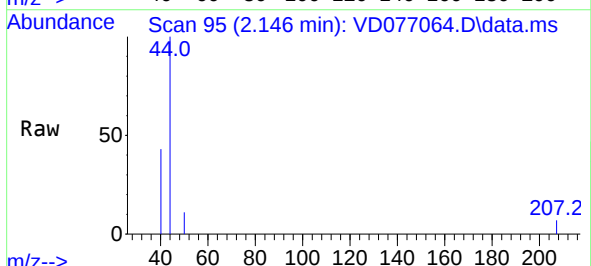


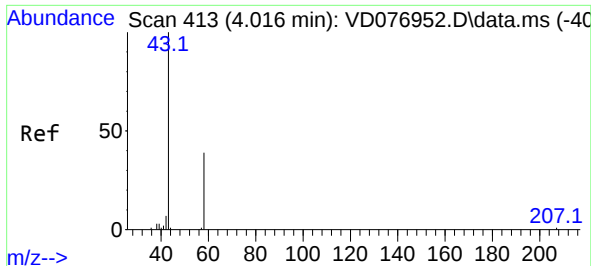
Tgt Ion:168 Resp: 116232
Ion Ratio Lower Upper
168 100
99 50.9 36.7 55.1



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD077064.D
Acq: 29 Aug 2023 16:16

Tgt Ion: 50 Resp: 228
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

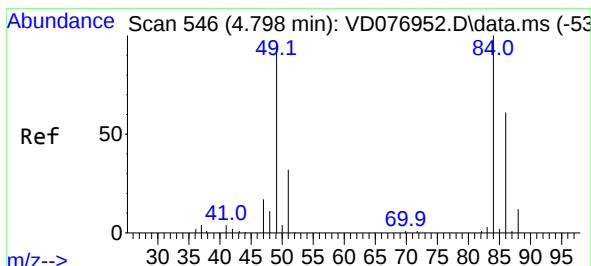
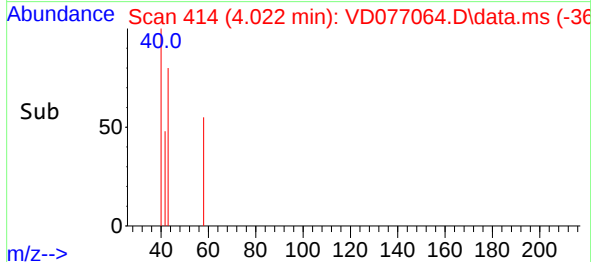
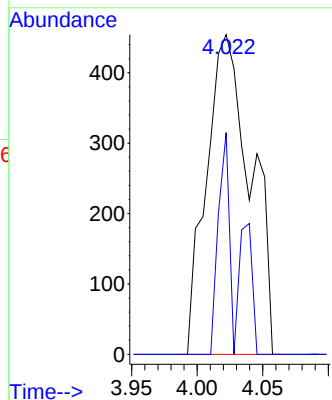
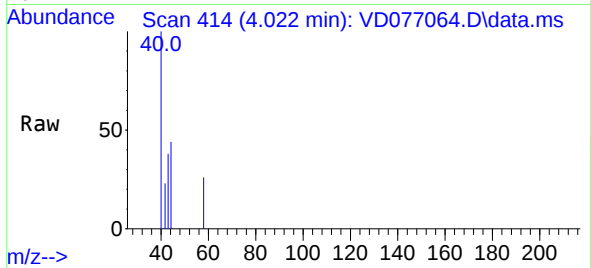




#16
Acetone
Concen: 4.083 ug/l
RT: 4.022 min Scan# 413
Delta R.T. 0.006 min
Lab File: VD077064.D
Acq: 29 Aug 2023 16:16

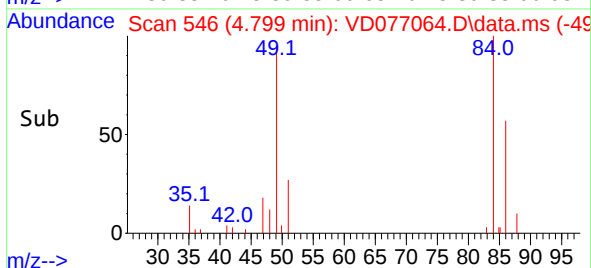
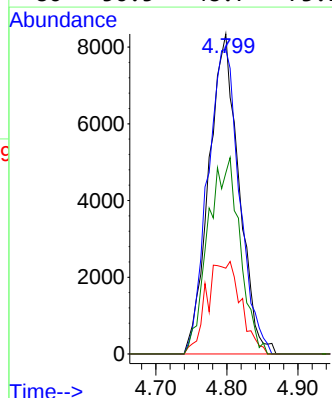
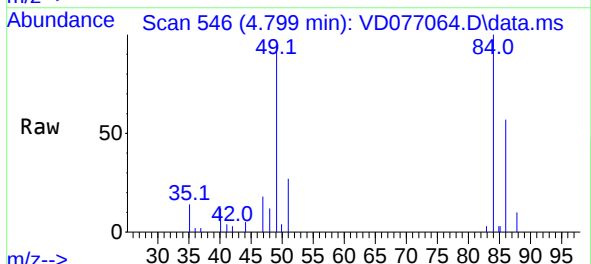
Instrument :
MSVOA_D
ClientSampleId :

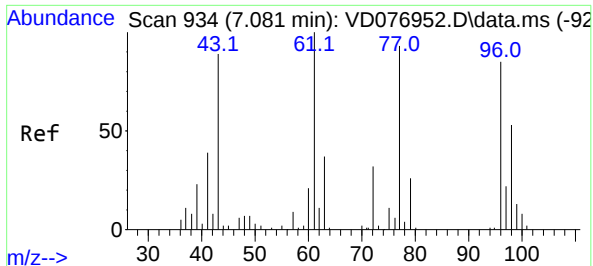
Tgt Ion: 43 Resp: 1065
Ion Ratio Lower Upper
43 100
58 69.4 34.7 52.1#



#20
Methylene Chloride
Concen: 12.014 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.001 min
Lab File: VD077064.D
Acq: 29 Aug 2023 16:16

Tgt Ion: 84 Resp: 24502
Ion Ratio Lower Upper
84 100
49 95.3 71.4 107.2
51 26.8 24.5 36.7
86 56.5 48.7 73.1





#25

2-Butanone

Concen: 2.738 ug/l

RT: 7.063 min Scan# 91

Delta R.T. -0.018 min

Lab File: VD077064.D

Acq: 29 Aug 2023 16:16

Instrument :

MSVOA_D

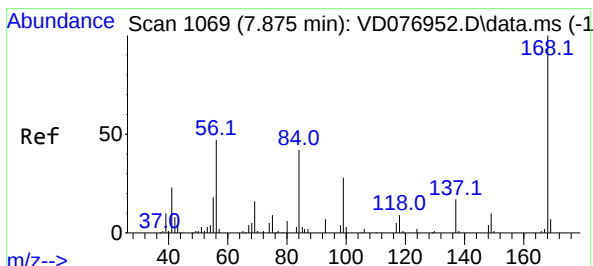
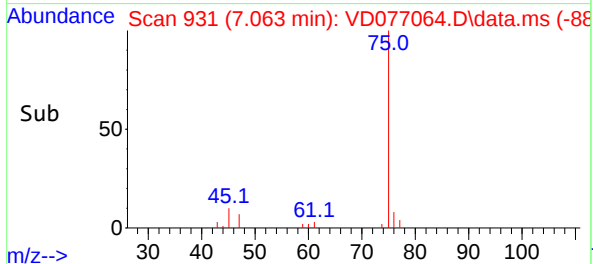
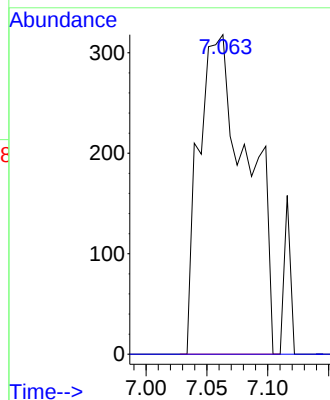
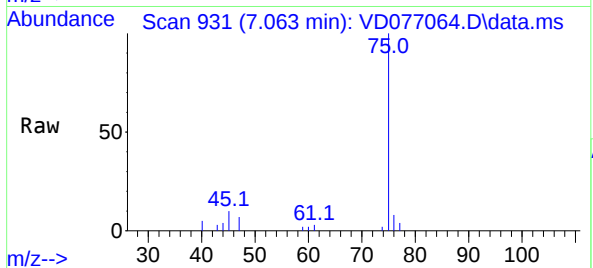
ClientSampleId :

Tgt Ion: 43 Resp: 895

Ion Ratio Lower Upper

43 100

72 0.0 30.7 46.1#



#31

Cyclohexane

Concen: 1.450 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD077064.D

Acq: 29 Aug 2023 16:16

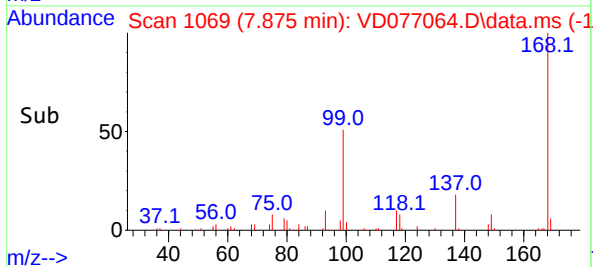
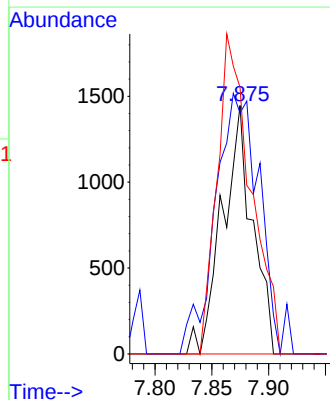
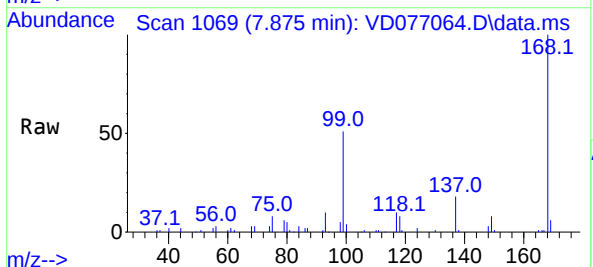
Tgt Ion: 56 Resp: 2651

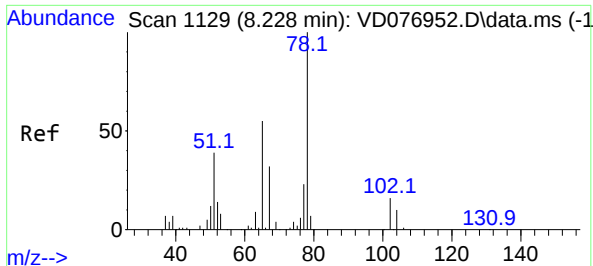
Ion Ratio Lower Upper

56 100

69 96.9 28.6 43.0#

84 107.3 84.8 127.2

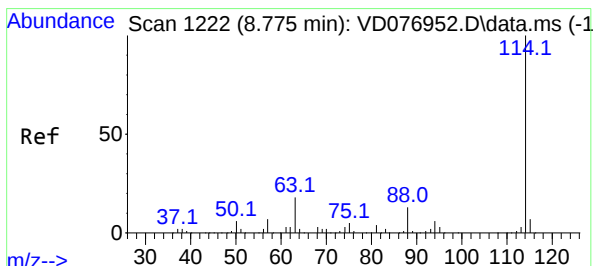
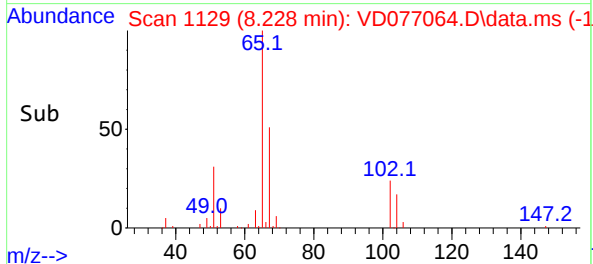
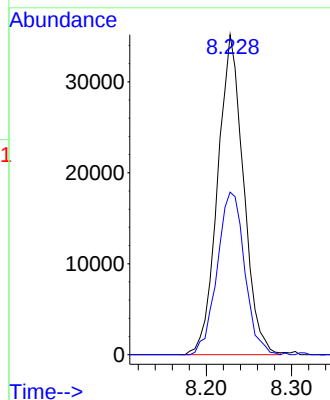
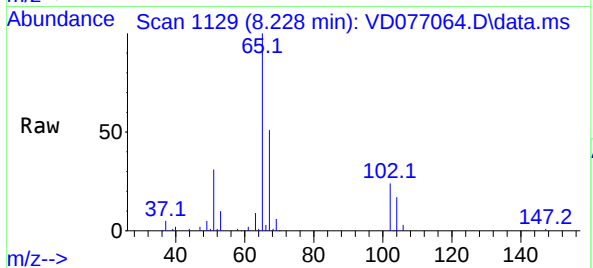




#33
1,2-Dichloroethane-d4
Concen: 64.735 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD077064.D
Acq: 29 Aug 2023 16:16

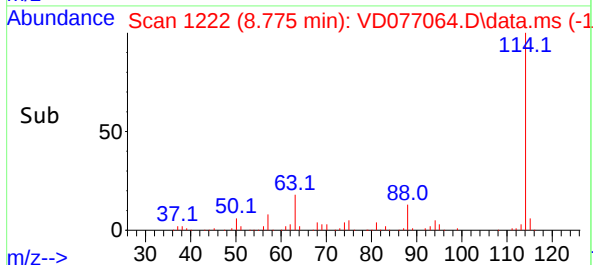
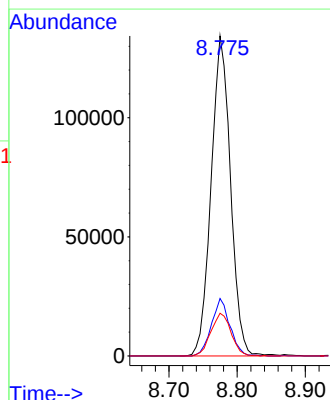
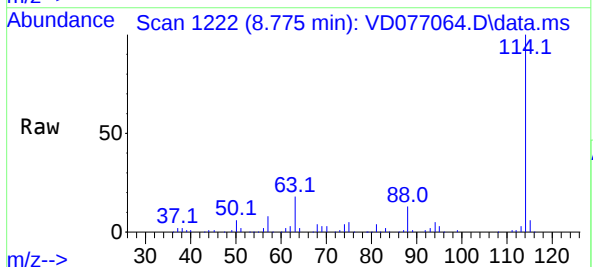
Instrument :
MSVOA_D
ClientSampleId :

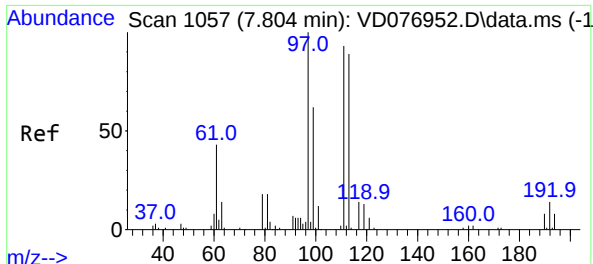
Tgt Ion: 65 Resp: 74081
Ion Ratio Lower Upper
65 100
67 54.1 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD077064.D
Acq: 29 Aug 2023 16:16

Tgt Ion:114 Resp: 265997
Ion Ratio Lower Upper
114 100
63 18.0 0.0 33.4
88 13.4 0.0 26.2





#35

Dibromofluoromethane

Concen: 54.761 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

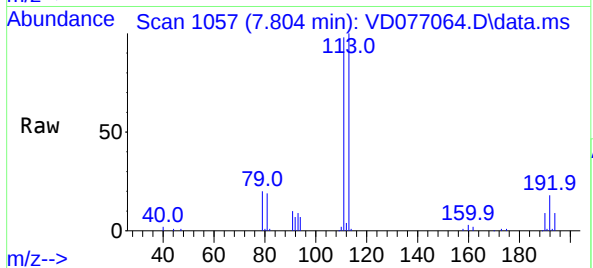
Lab File: VD077064.D

Acq: 29 Aug 2023 16:16

Instrument :

MSVOA_D

ClientSampleId :



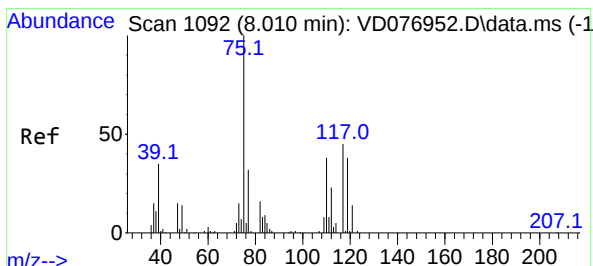
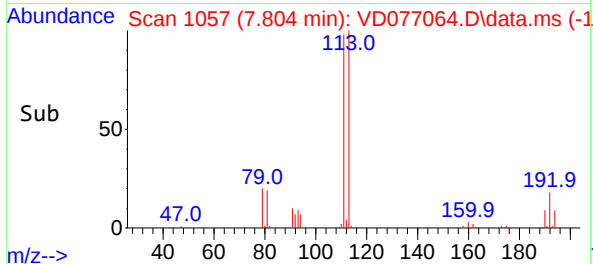
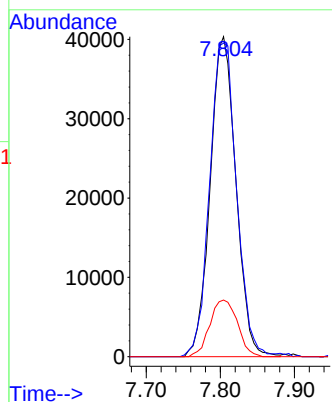
Tgt Ion:113 Resp: 97312

Ion Ratio Lower Upper

113 100

111 102.7 84.7 127.1

192 19.0 16.8 25.2



#36

1,1-Dichloropropene

Concen: 3.469 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD077064.D

Acq: 29 Aug 2023 16:16

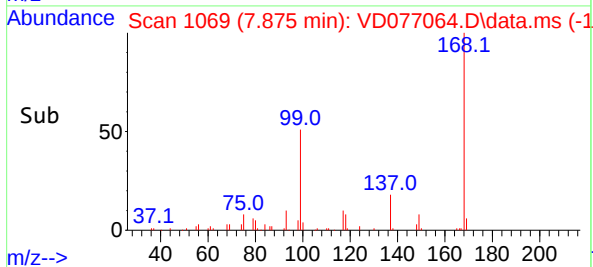
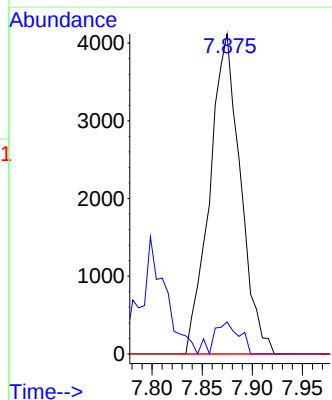
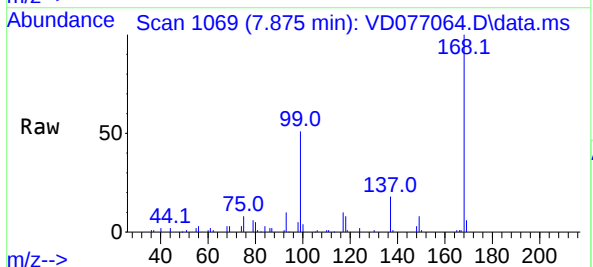
Tgt Ion: 75 Resp: 8781

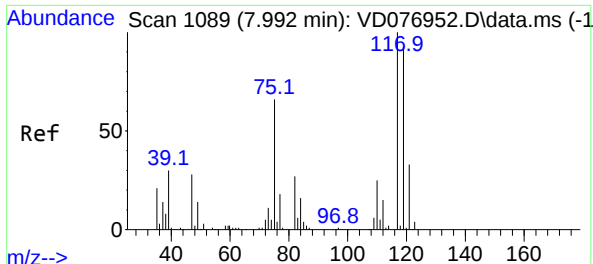
Ion Ratio Lower Upper

75 100

110 8.4 19.9 59.6#

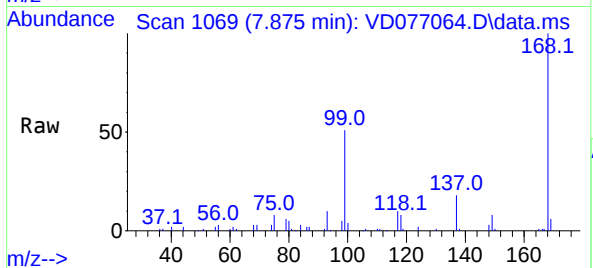
77 0.0 24.7 37.1#



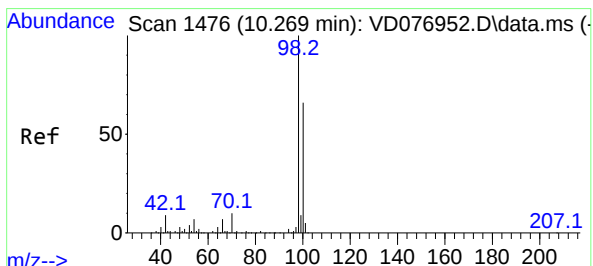
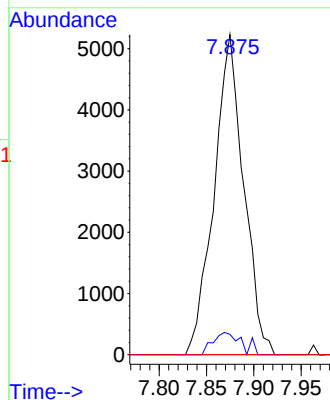
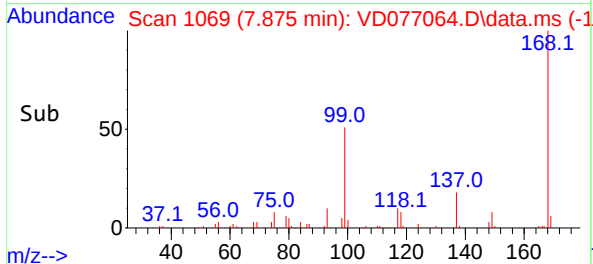


#38
Carbon Tetrachloride
Concen: 4.447 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.117 min
Lab File: VD077064.D
Acq: 29 Aug 2023 16:16

Instrument :
MSVOA_D
ClientSampleId :

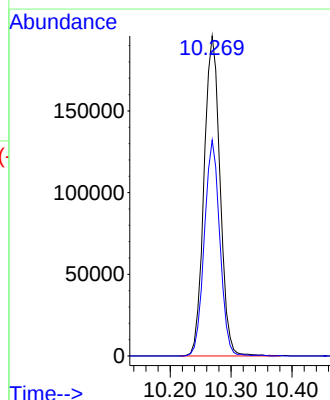
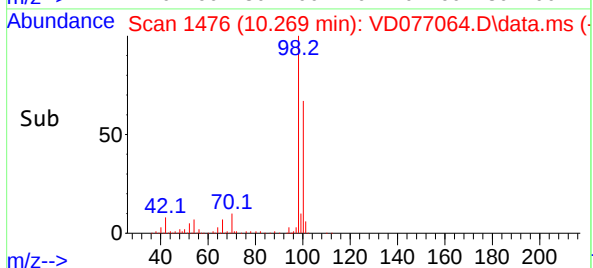
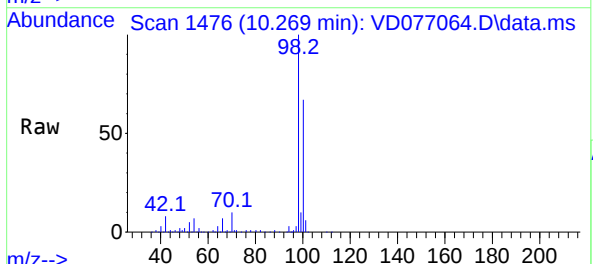


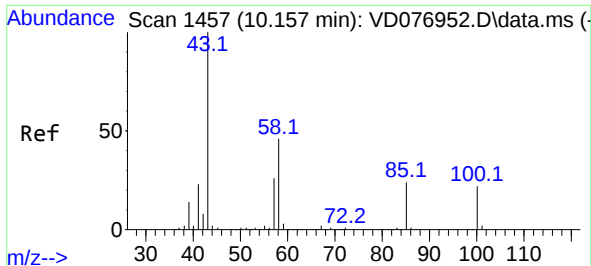
Tgt Ion:117 Resp: 11381
Ion Ratio Lower Upper
117 100
119 6.3 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 55.511 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077064.D
Acq: 29 Aug 2023 16:16

Tgt Ion: 98 Resp: 356872
Ion Ratio Lower Upper
98 100
100 65.2 50.3 75.5

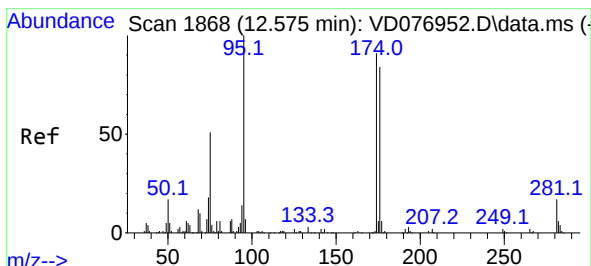
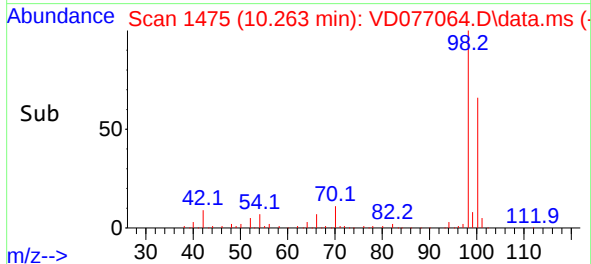
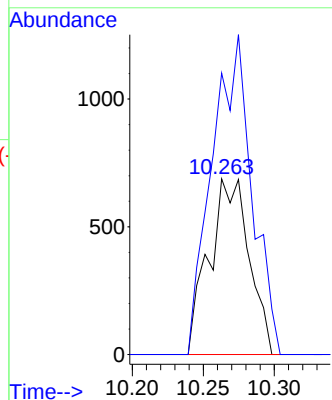
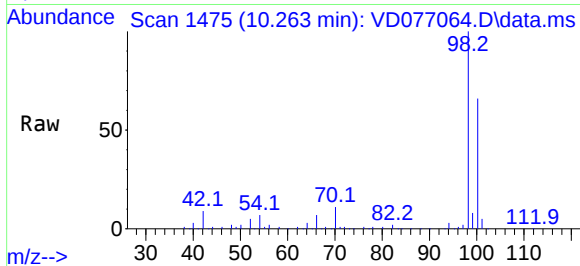




#51
4-Methyl-2-Pentanone
Concen: 1.514 ug/l
RT: 10.263 min Scan# 1457
Delta R.T. 0.106 min
Lab File: VD077064.D
Acq: 29 Aug 2023 16:16

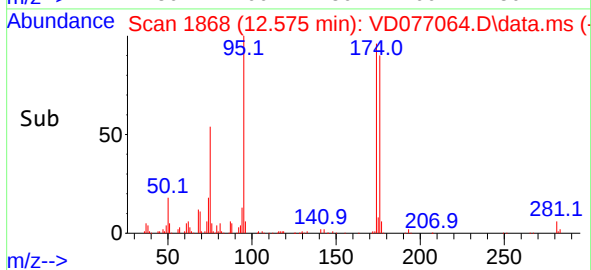
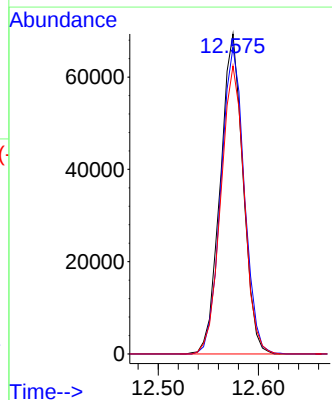
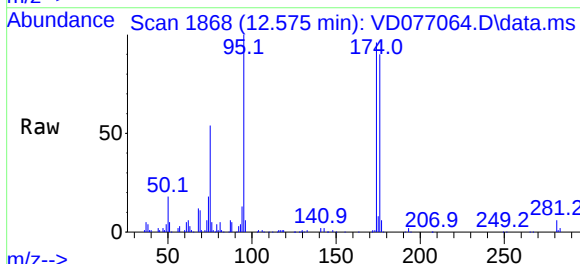
Instrument :
MSVOA_D
ClientSampleId :

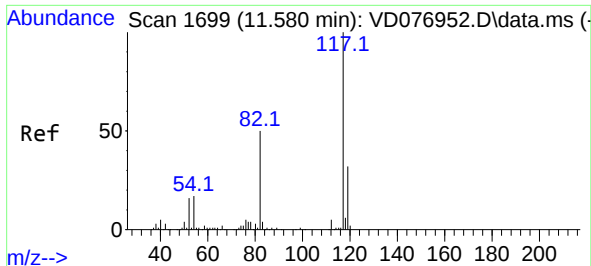
Tgt Ion: 43 Resp: 1351
Ion Ratio Lower Upper
43 100
58 181.3 38.9 58.3#



#62
4-Bromofluorobenzene
Concen: 57.510 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077064.D
Acq: 29 Aug 2023 16:16

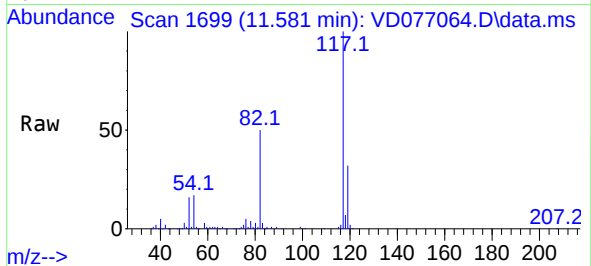
Tgt Ion: 95 Resp: 109006
Ion Ratio Lower Upper
95 100
174 98.4 0.0 201.8
176 92.4 0.0 191.8



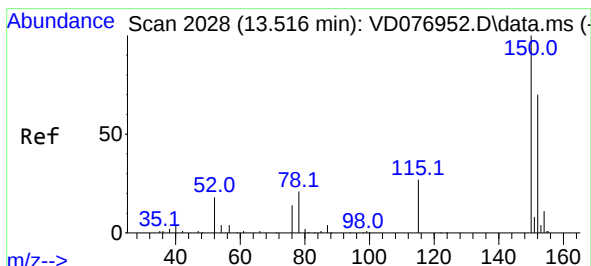
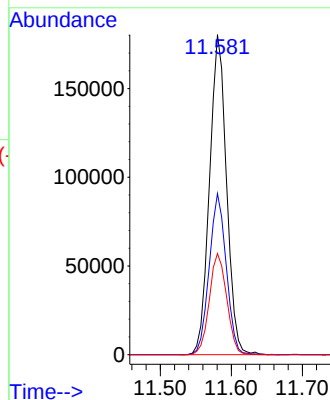
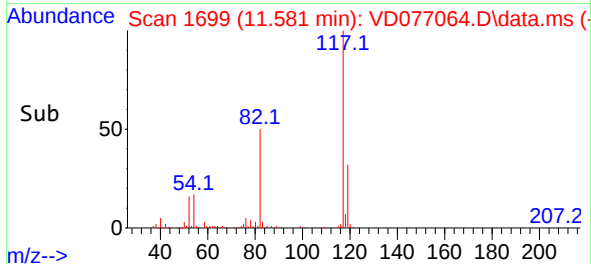


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.001 min
Lab File: VD077064.D
Acq: 29 Aug 2023 16:16

Instrument :
MSVOA_D
ClientSampleId :

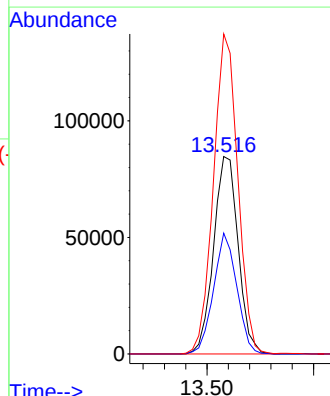
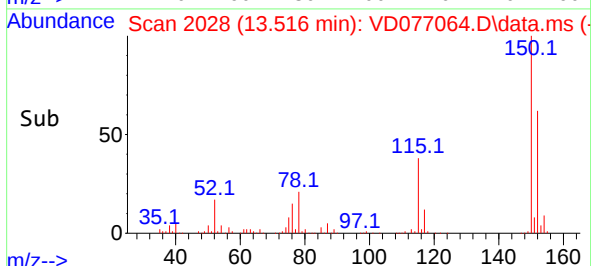
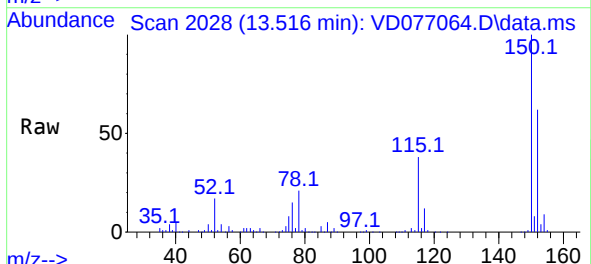


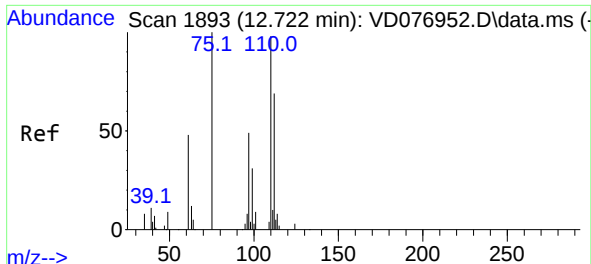
Tgt Ion:117 Resp: 299925
Ion Ratio Lower Upper
117 100
82 50.3 38.3 57.5
119 31.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077064.D
Acq: 29 Aug 2023 16:16

Tgt Ion:152 Resp: 135460
Ion Ratio Lower Upper
152 100
115 58.0 27.1 81.3
150 160.9 0.0 353.6

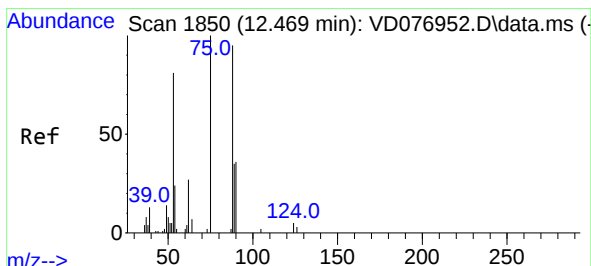
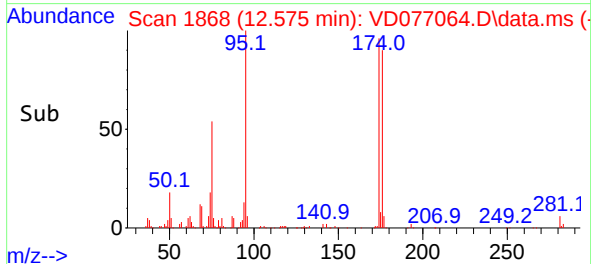
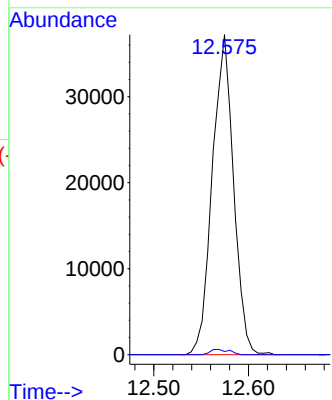
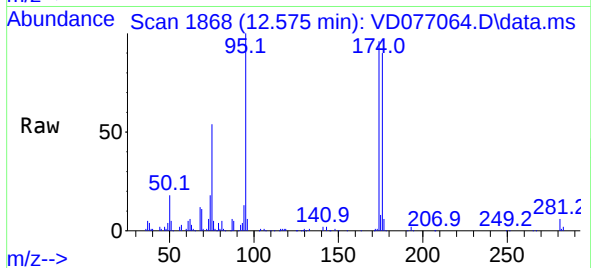




#76
1,2,3-Trichloropropane
Concen: 44.409 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD077064.D
Acq: 29 Aug 2023 16:16

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 58022
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.108 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD077064.D
Acq: 29 Aug 2023 16:16

Tgt Ion: 75 Resp: 58022
Ion Ratio Lower Upper
75 100
53 0.1 63.0 94.4#
89 0.0 37.9 56.9#

