

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072723\
 Data File : VD076829.D
 Acq On : 27 Jul 2023 12:50
 Operator : KP/SY
 Sample : 03769-09
 Misc : 5.03G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 27 14:48:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

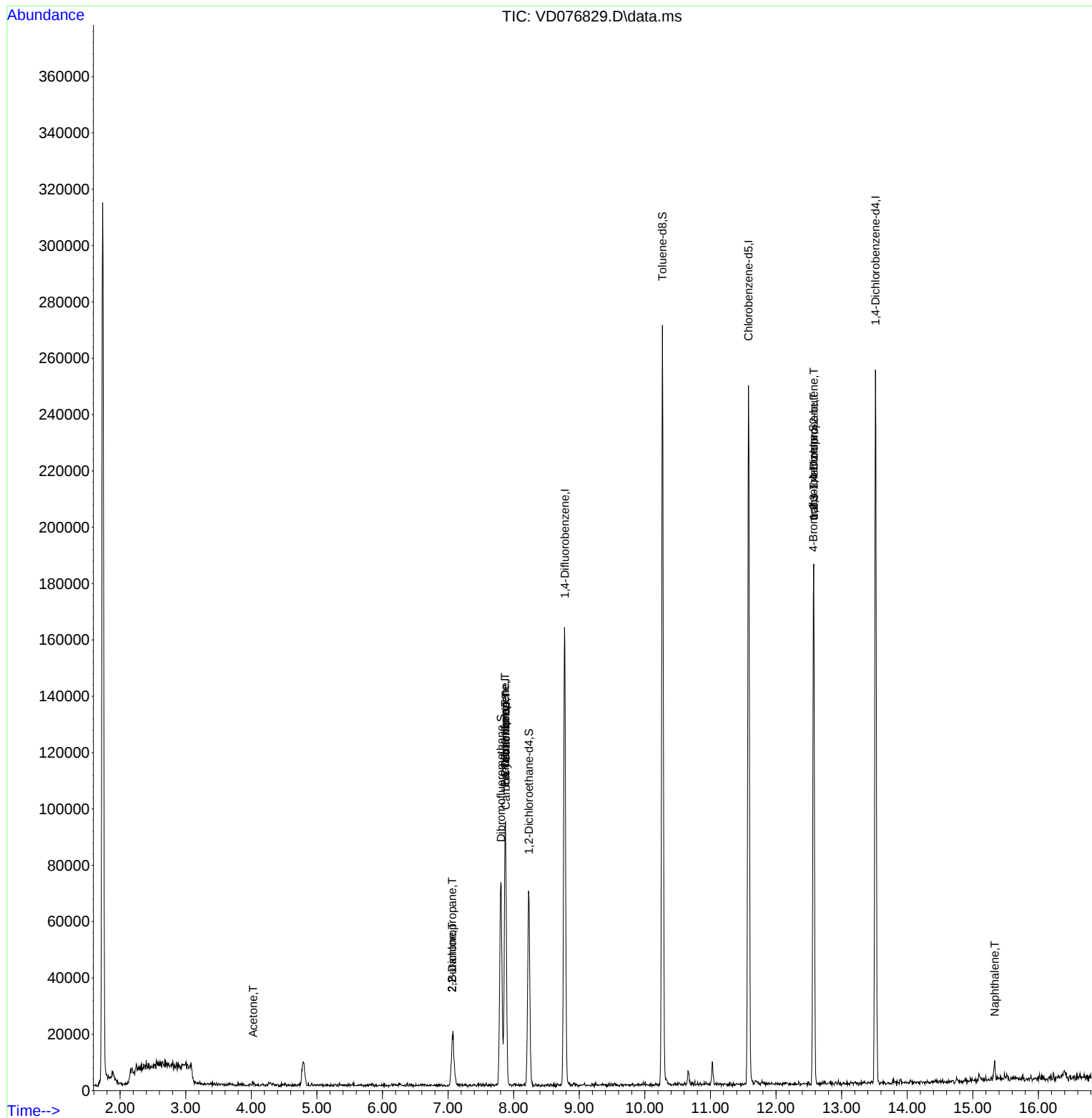
Internal Standards						
1) Pentafluorobenzene	7.869	168	71652	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	152832	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	148318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	67582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	53526	75.000	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 150.000%	
35) Dibromofluoromethane	7.810	113	55485	57.772	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.540%	
50) Toluene-d8	10.269	98	185558	54.008	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.020%	
62) 4-Bromofluorobenzene	12.569	95	57896	52.090	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.180%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	1030	6.043	ug/l	87
20) Methylene Chloride	4.793	84	7497	Below Cal	#	90
25) 2-Butanone	7.063	43	576	2.525	ug/l	# 37
26) 2,2-Dichloropropane	7.063	77	1342	1.048	ug/l	# 49
31) Cyclohexane	7.875	56	1771	1.686	ug/l	# 1
36) 1,1-Dichloropropene	7.869	75	6462	5.149	ug/l	# 46
38) Carbon Tetrachloride	7.881	117	6961	5.793	ug/l	# 21
76) 1,2,3-Trichloropropane	12.575	75	31977	49.754	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	31977	105.890	ug/l	# 18
95) Naphthalene	15.333	128	6935	2.558	ug/l	# 82

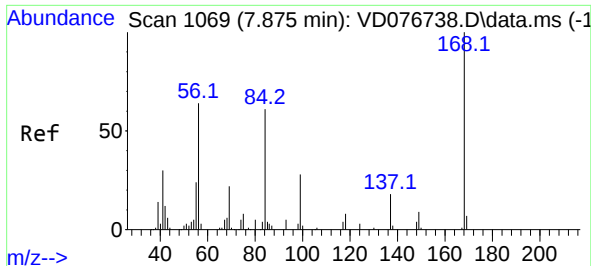
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

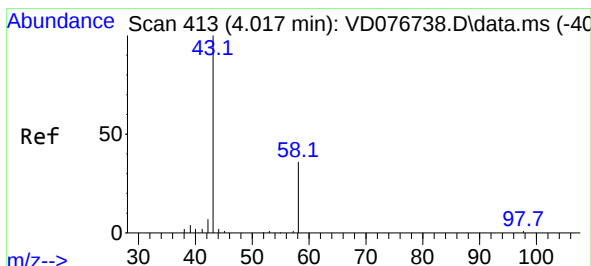
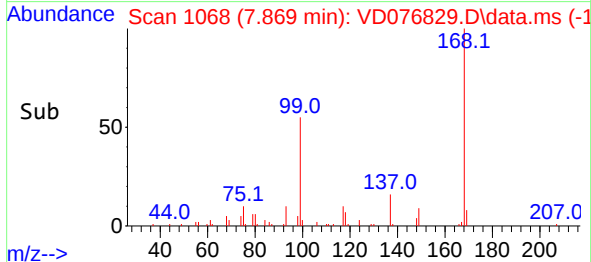
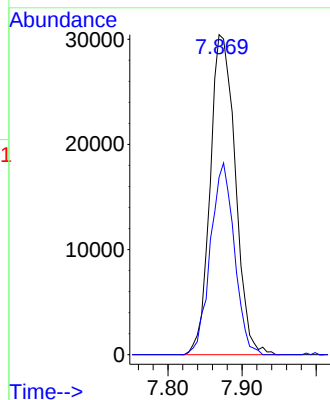
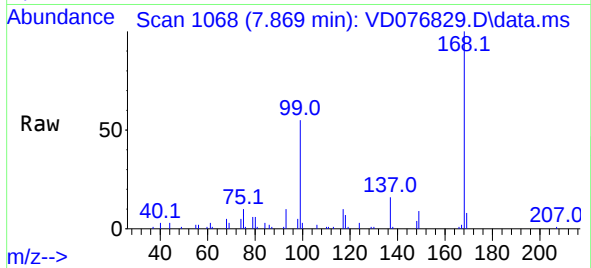




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076829.D
Acq: 27 Jul 2023 12:50

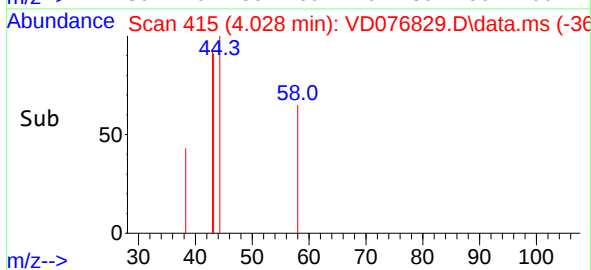
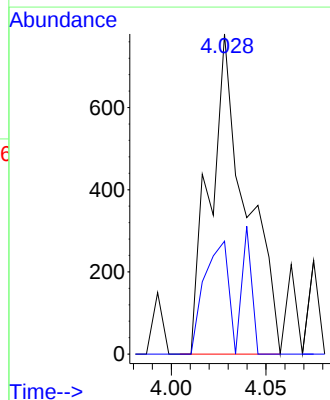
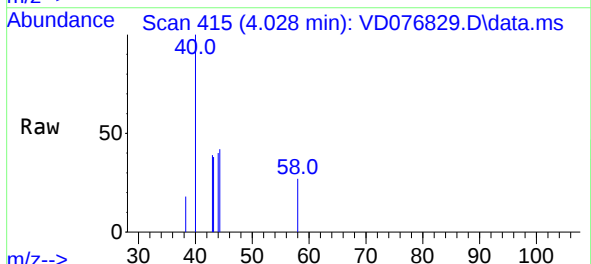
Instrument :
MSVOA_D
ClientSampleId :

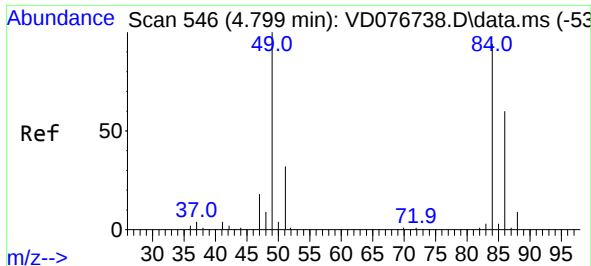
Tgt Ion:168 Resp: 71652
Ion Ratio Lower Upper
168 100
99 55.4 36.7 55.1#



#16
Acetone
Concen: 6.043 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD076829.D
Acq: 27 Jul 2023 12:50

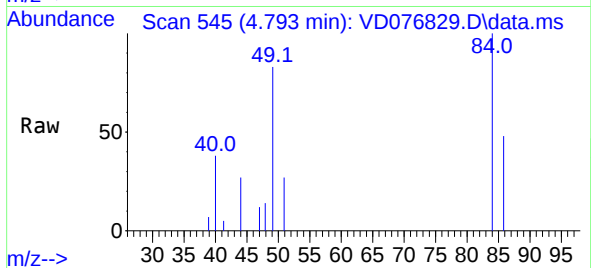
Tgt Ion: 43 Resp: 1030
Ion Ratio Lower Upper
43 100
58 35.3 34.7 52.1



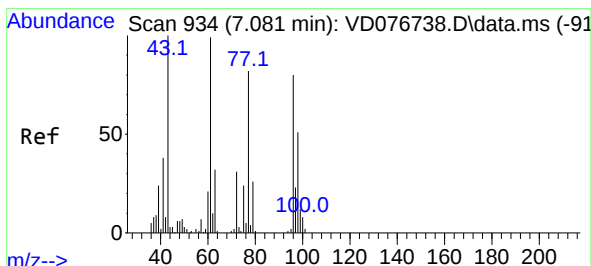
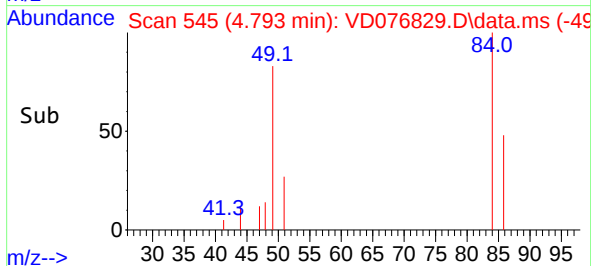
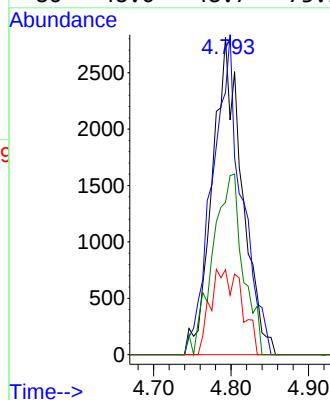


#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD076829.D
Acq: 27 Jul 2023 12:50

Instrument :
MSVOA_D
ClientSampleId :

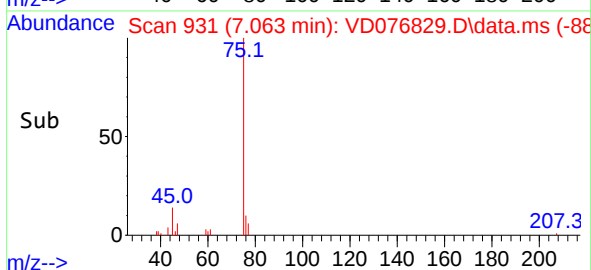
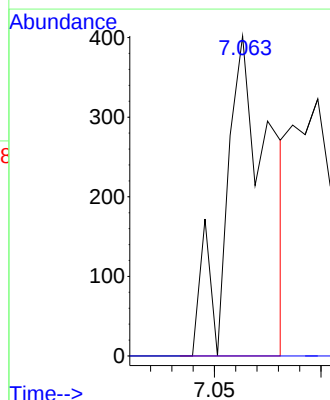
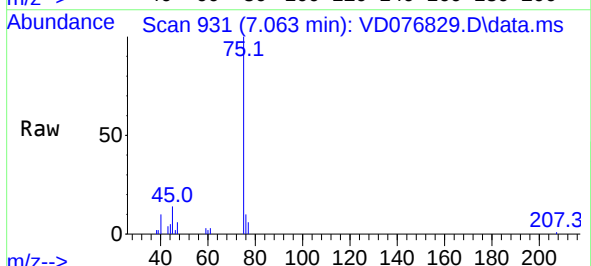


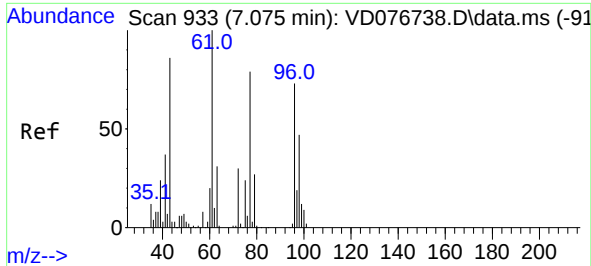
Tgt Ion: 84 Resp: 7497
Ion Ratio Lower Upper
84 100
49 82.5 71.4 107.2
51 26.7 24.5 36.7
86 48.0 48.7 73.1#



#25
2-Butanone
Concen: 2.525 ug/l
RT: 7.063 min Scan# 931
Delta R.T. -0.018 min
Lab File: VD076829.D
Acq: 27 Jul 2023 12:50

Tgt Ion: 43 Resp: 576
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#

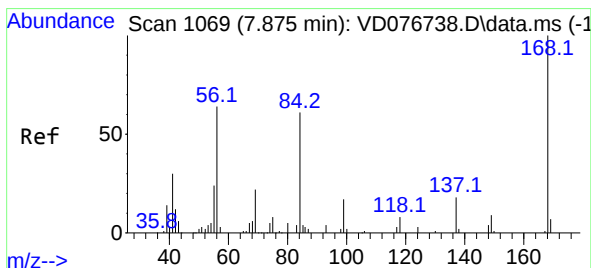
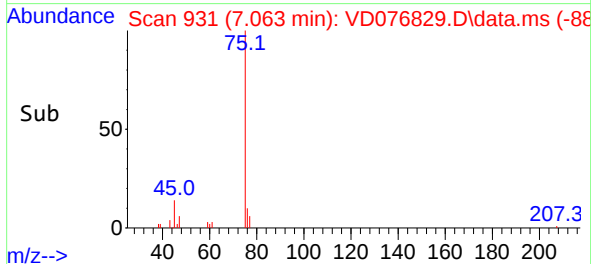
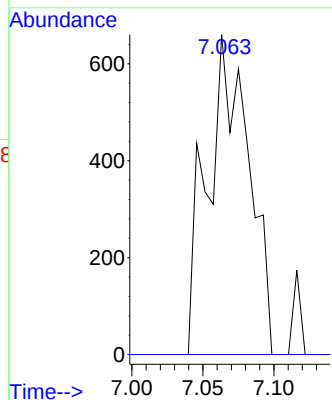
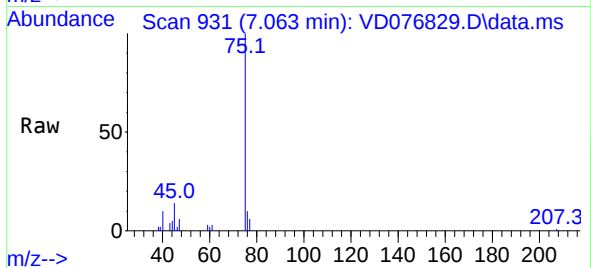




#26
2,2-Dichloropropane
Concen: 1.048 ug/l
RT: 7.063 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD076829.D
Acq: 27 Jul 2023 12:50

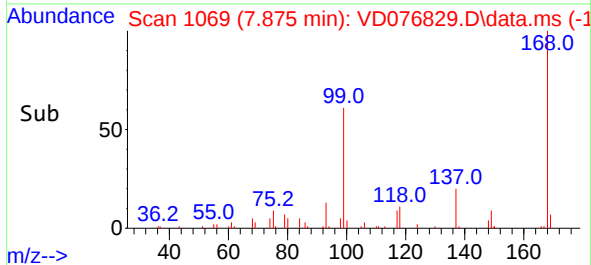
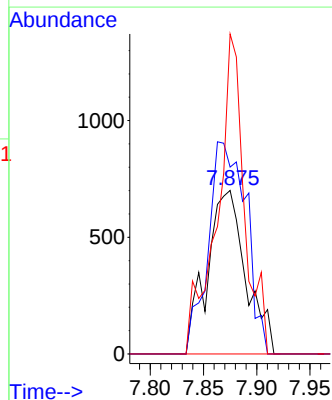
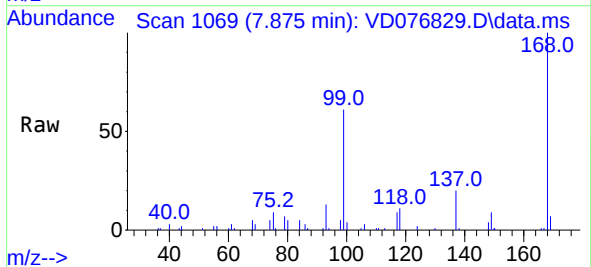
Instrument :
MSVOA_D
ClientSampleId :

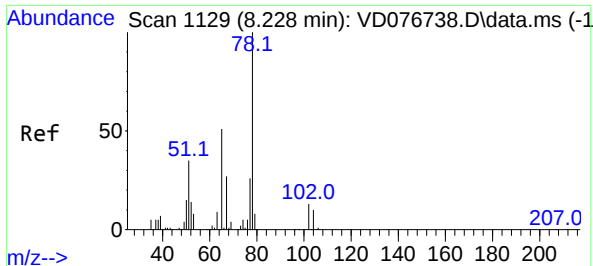
Tgt Ion: 77 Resp: 1342
Ion Ratio Lower Upper
77 100
97 0.0 13.2 39.6#



#31
Cyclohexane
Concen: 1.686 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076829.D
Acq: 27 Jul 2023 12:50

Tgt Ion: 56 Resp: 1771
Ion Ratio Lower Upper
56 100
69 114.3 28.6 43.0#
84 195.6 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 75.000 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD076829.D

Acq: 27 Jul 2023 12:50

Instrument :

MSVOA_D

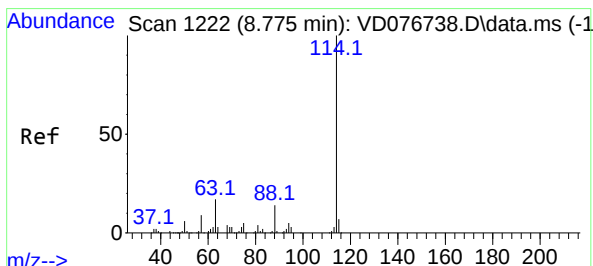
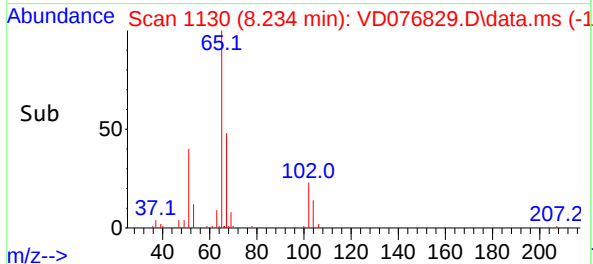
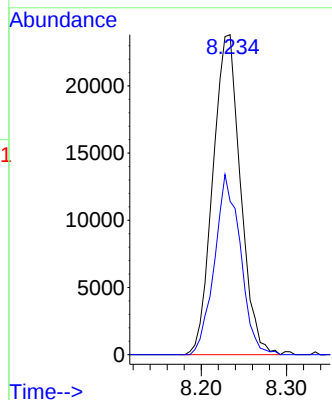
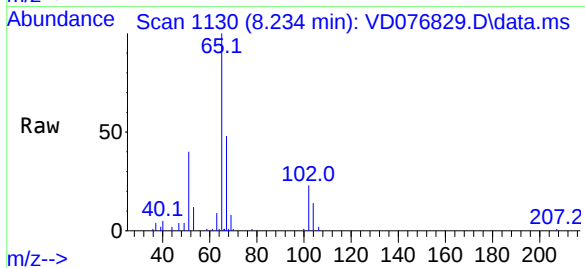
ClientSampleId :

Tgt Ion: 65 Resp: 53526

Ion Ratio Lower Upper

65 100

67 52.8 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD076829.D

Acq: 27 Jul 2023 12:50

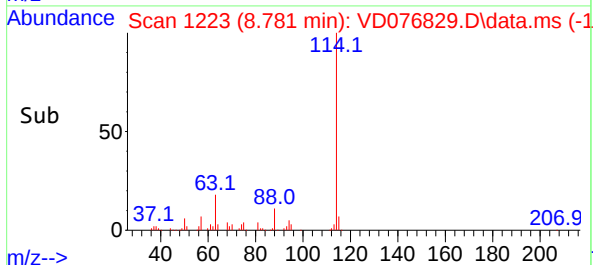
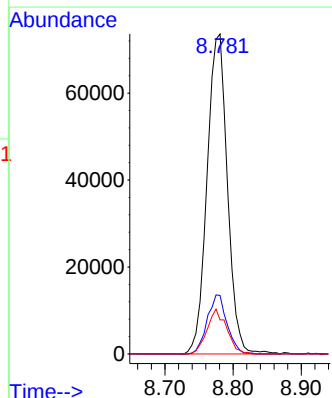
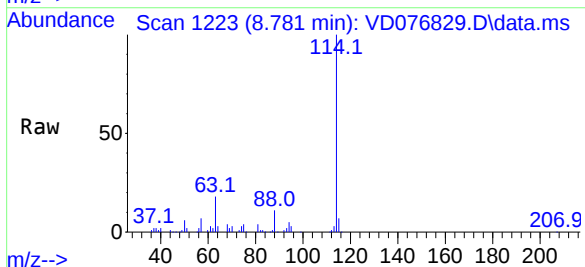
Tgt Ion: 114 Resp: 152832

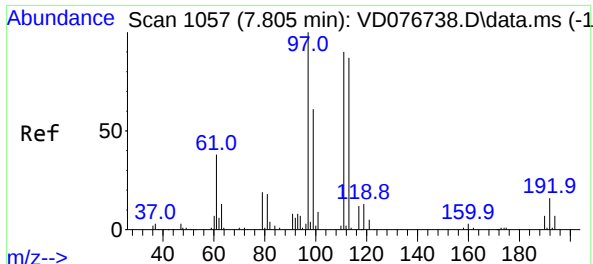
Ion Ratio Lower Upper

114 100

63 18.3 0.0 33.4

88 10.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 57.772 ug/l

RT: 7.810 min Scan# 1057

Delta R.T. 0.005 min

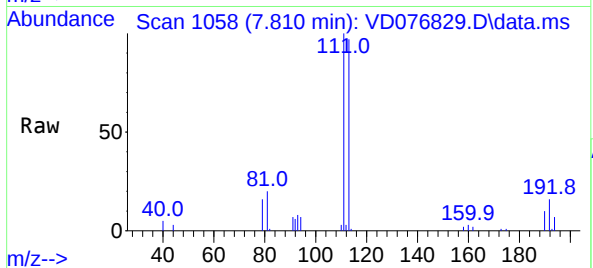
Lab File: VD076829.D

Acq: 27 Jul 2023 12:50

Instrument :

MSVOA_D

ClientSampleId :



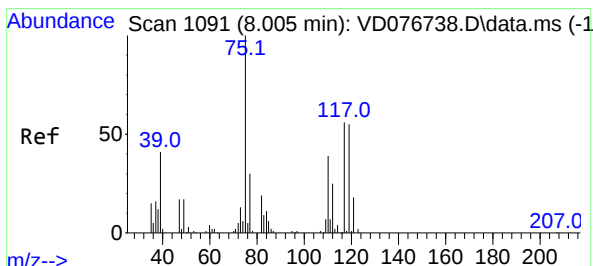
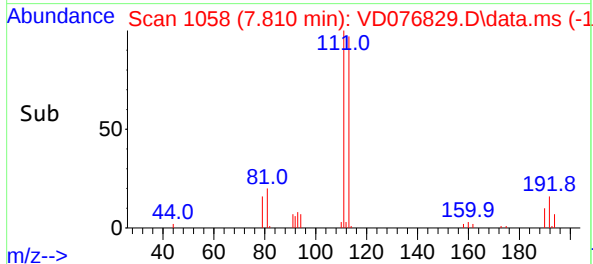
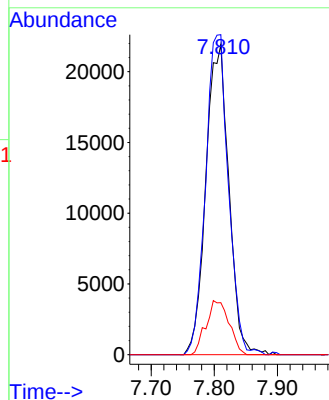
Tgt Ion:113 Resp: 55485

Ion Ratio Lower Upper

113 100

111 102.3 84.7 127.1

192 17.5 16.8 25.2



#36

1,1-Dichloropropene

Concen: 5.149 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.136 min

Lab File: VD076829.D

Acq: 27 Jul 2023 12:50

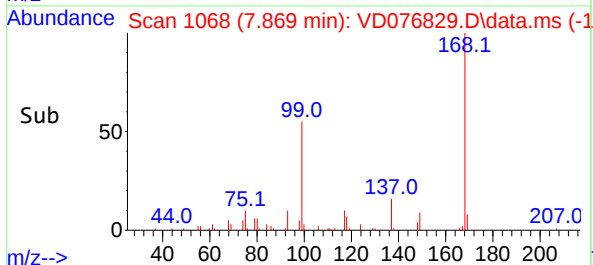
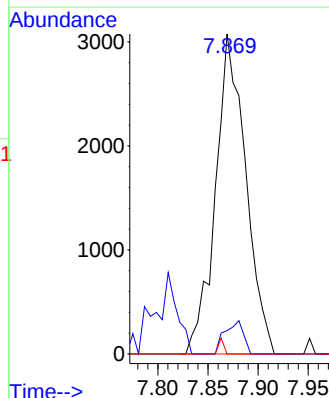
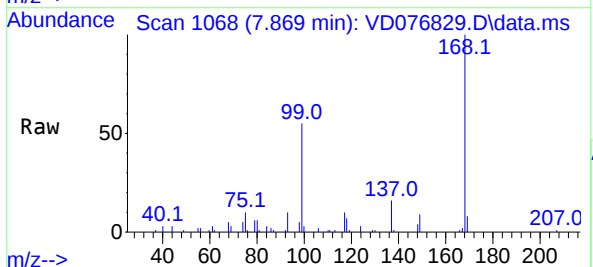
Tgt Ion: 75 Resp: 6462

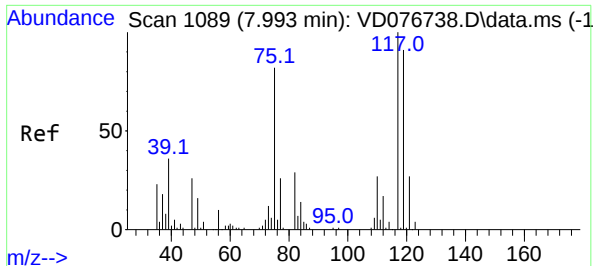
Ion Ratio Lower Upper

75 100

110 6.4 19.9 59.6#

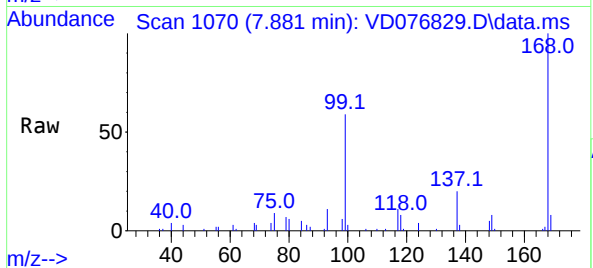
77 0.8 24.7 37.1#



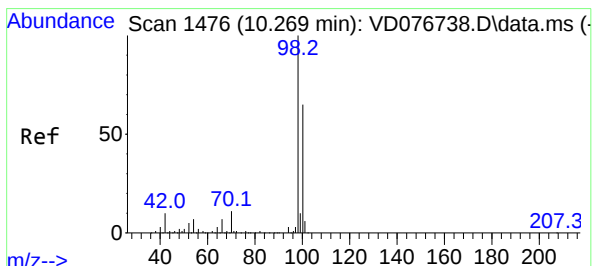
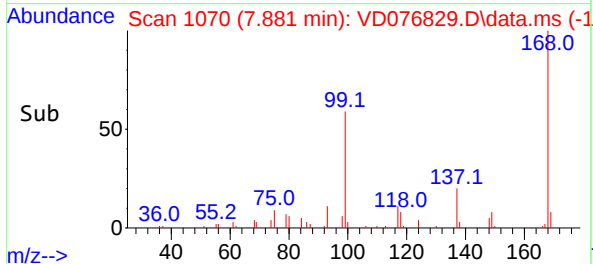
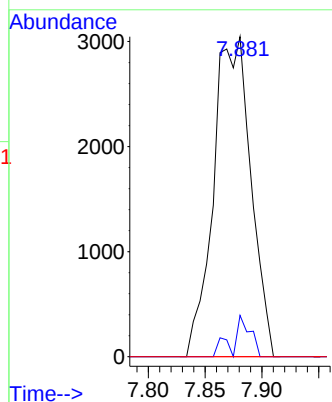


#38
Carbon Tetrachloride
Concen: 5.793 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD076829.D
Acq: 27 Jul 2023 12:50

Instrument :
MSVOA_D
ClientSampleId :

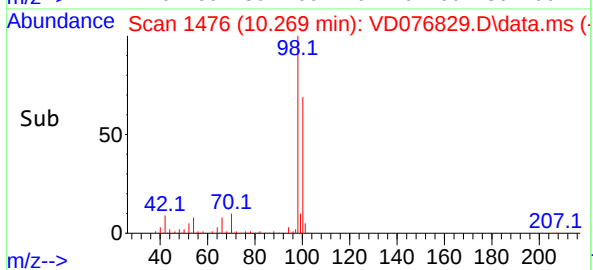
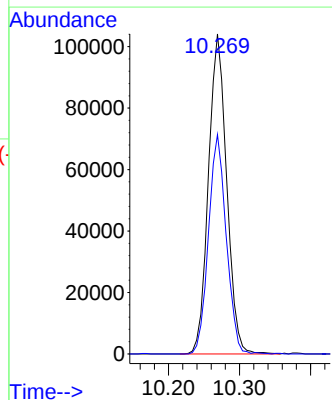
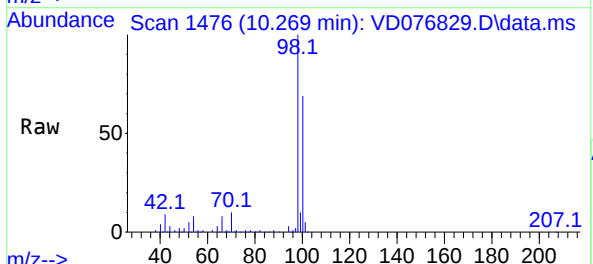


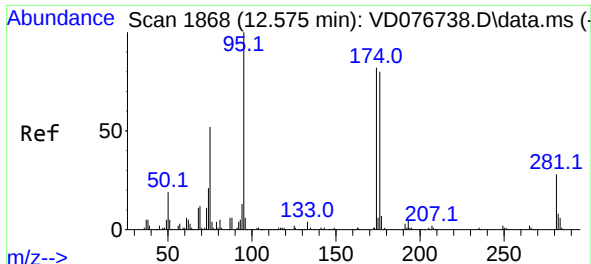
Tgt Ion:117 Resp: 6961
Ion Ratio Lower Upper
117 100
119 12.9 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 54.008 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076829.D
Acq: 27 Jul 2023 12:50

Tgt Ion: 98 Resp: 185558
Ion Ratio Lower Upper
98 100
100 66.9 50.3 75.5

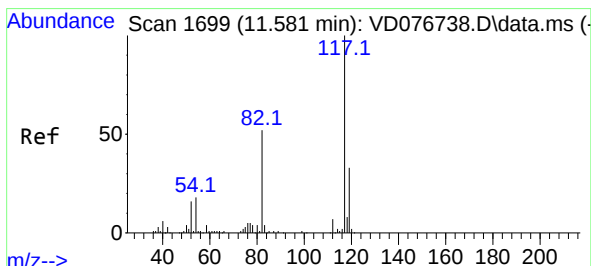
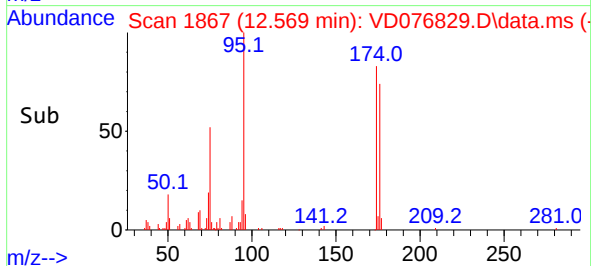
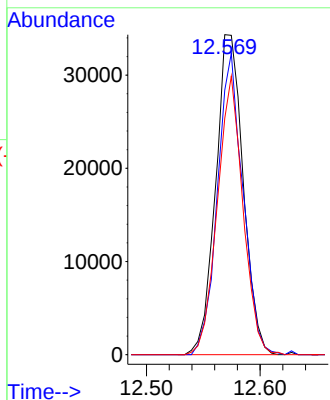
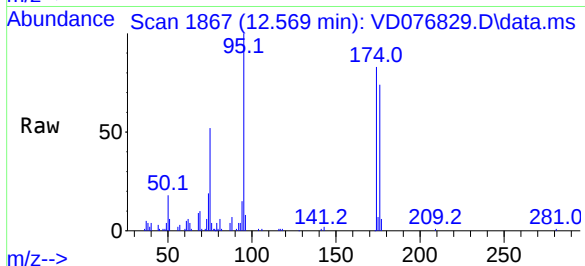




#62
4-Bromofluorobenzene
Concen: 52.090 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076829.D
Acq: 27 Jul 2023 12:50

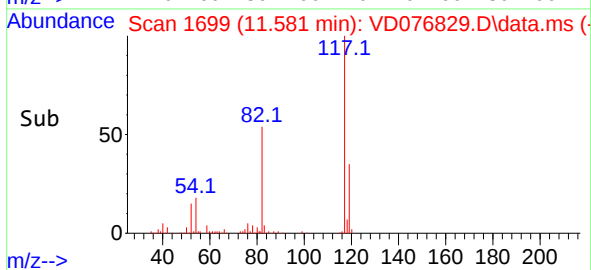
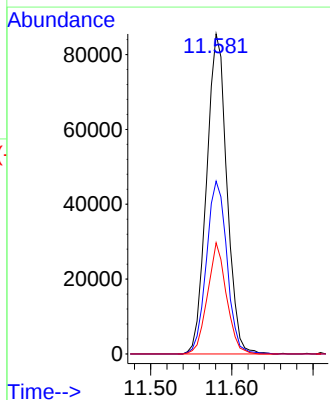
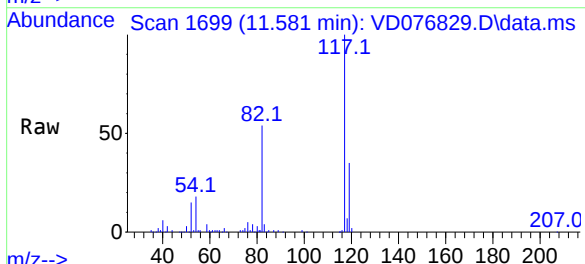
Instrument :
MSVOA_D
ClientSampleId :

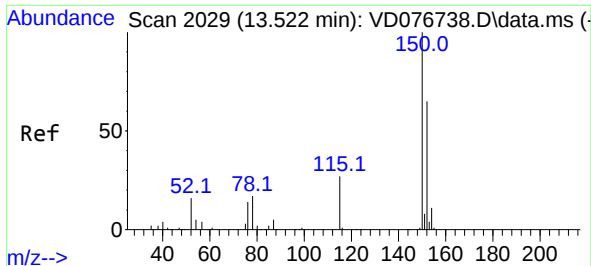
Tgt Ion:	95	Resp:	57896
Ion	Ratio	Lower	Upper
95	100		
174	87.0	0.0	201.8
176	80.8	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076829.D
Acq: 27 Jul 2023 12:50

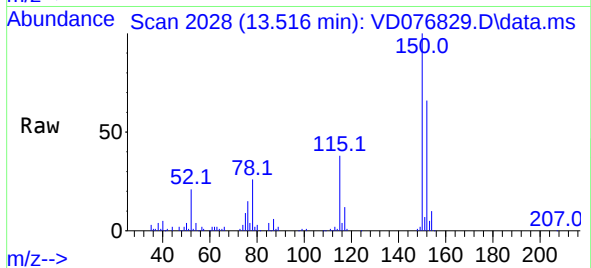
Tgt Ion:	117	Resp:	148318
Ion	Ratio	Lower	Upper
117	100		
82	54.0	38.3	57.5
119	34.7	25.0	37.4



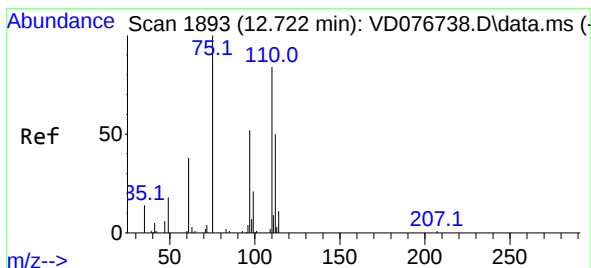
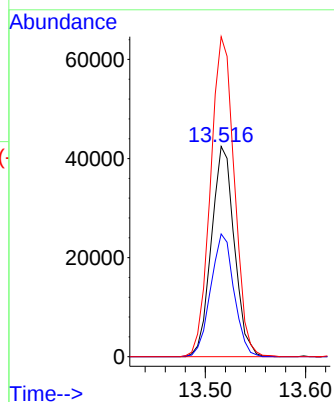
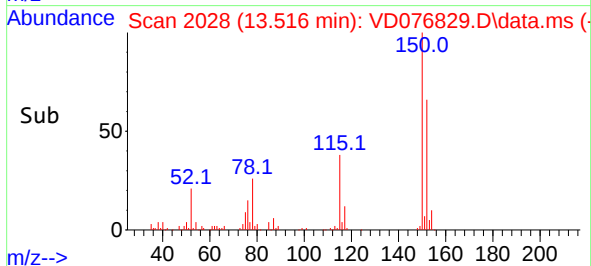


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2029
Delta R.T. -0.006 min
Lab File: VD076829.D
Acq: 27 Jul 2023 12:50

Instrument :
MSVOA_D
ClientSampleId :

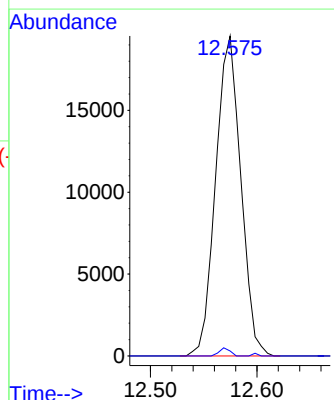
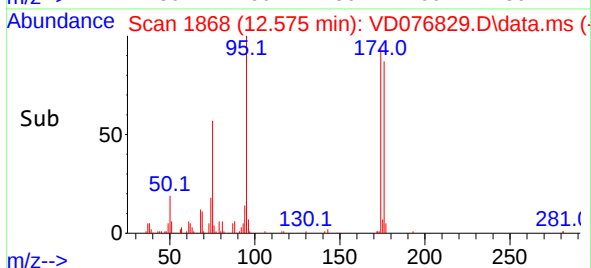
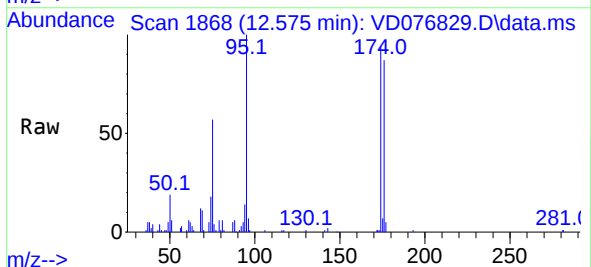


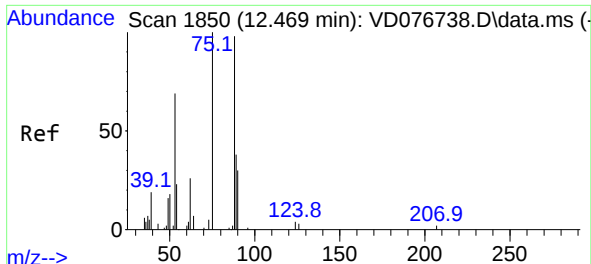
Tgt Ion:152 Resp: 67582
Ion Ratio Lower Upper
152 100
115 59.3 27.1 81.3
150 157.9 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 49.754 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076829.D
Acq: 27 Jul 2023 12:50

Tgt Ion: 75 Resp: 31977
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

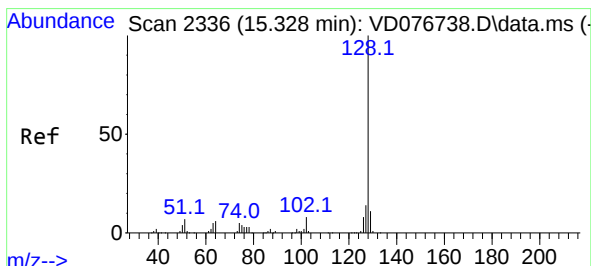
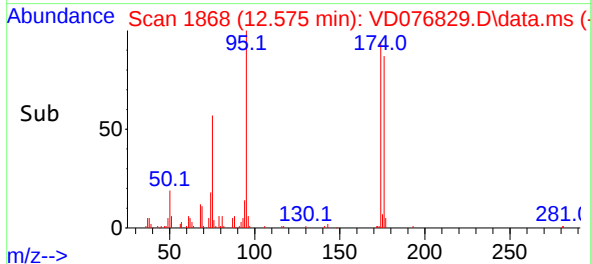
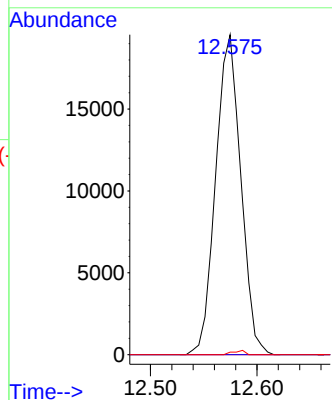
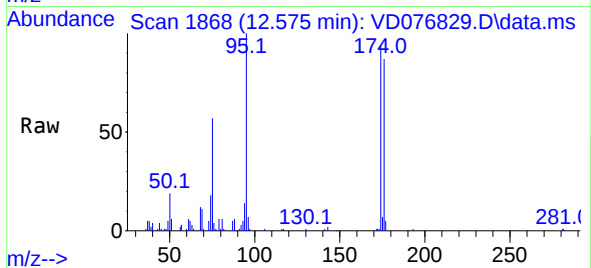




#81
trans-1,4-Dichloro-2-butene
Concen: 105.890 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076829.D
Acq: 27 Jul 2023 12:50

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 31977
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.6 37.9 56.9#



#95
Naphthalene
Concen: 2.558 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.005 min
Lab File: VD076829.D
Acq: 27 Jul 2023 12:50

Tgt Ion:128 Resp: 6935
Ion Ratio Lower Upper
128 100
127 9.8 10.5 15.7#
129 0.0 8.7 13.1#

