

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053123\
 Data File : VD076283.D
 Acq On : 31 May 2023 13:40
 Operator : KP/SY
 Sample : VY0531SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VY0531SBL01

Quant Time: May 31 16:07:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

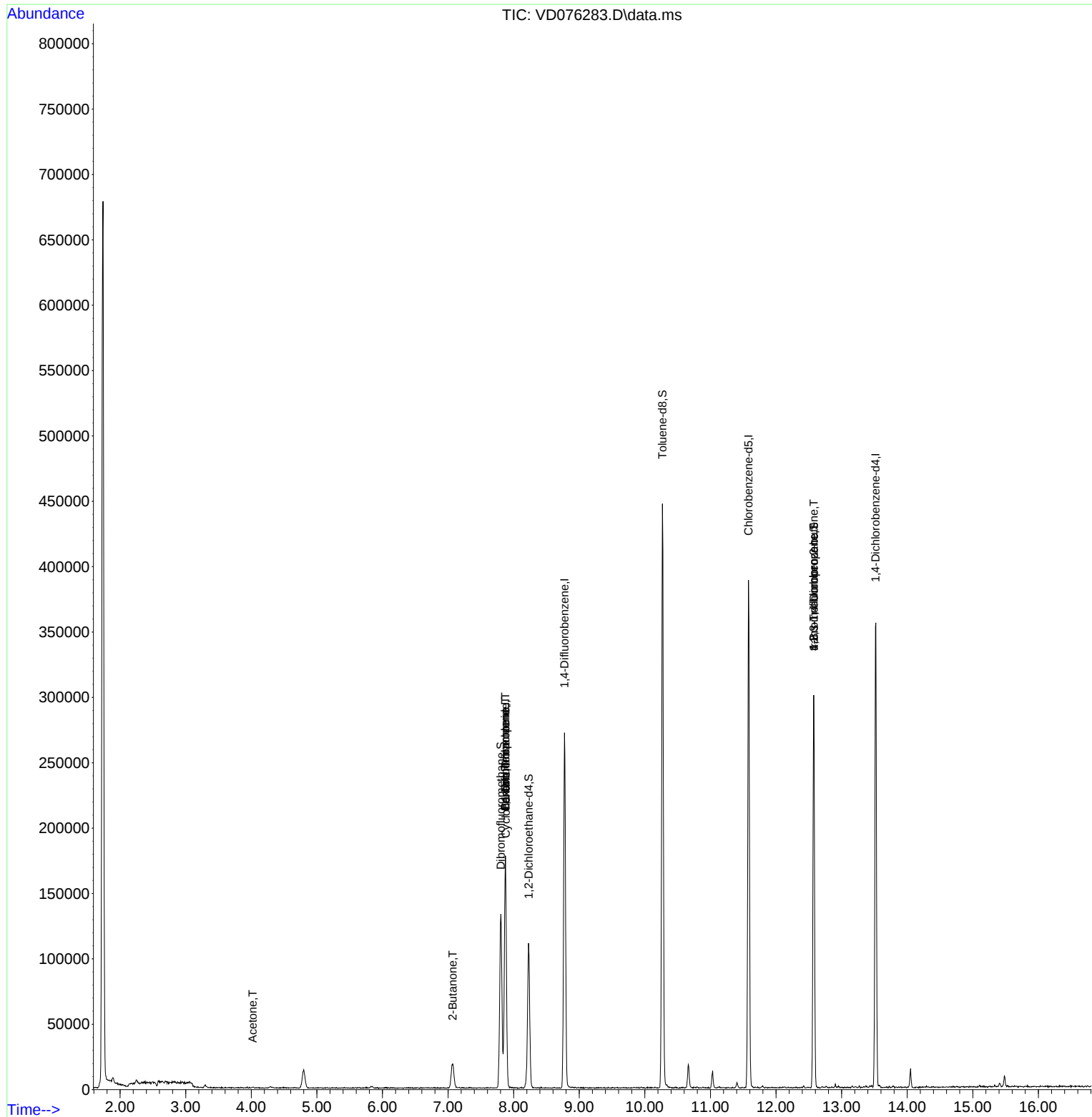
Internal Standards						
1) Pentafluorobenzene	7.875	168	143607	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	259988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	240570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	105206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	83901	60.451	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.900%
35) Dibromofluoromethane	7.804	113	99107	55.149	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.300%
50) Toluene-d8	10.269	98	326905	46.664	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.320%
62) 4-Bromofluorobenzene	12.575	95	82324	42.304	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.600%
Target Compounds						
3) Chloromethane	2.152	50	356	Below Cal	#	40
16) Acetone	4.022	43	840	3.042	ug/l #	44
20) Methylene Chloride	4.799	84	12396	Below Cal	#	66
25) 2-Butanone	7.069	43	834	2.402	ug/l #	50
31) Cyclohexane	7.881	56	2557	1.203	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	10409	4.289	ug/l #	49
38) Carbon Tetrachloride	7.875	117	12818	5.847	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	41109	44.653	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	41109	93.674	ug/l #	5

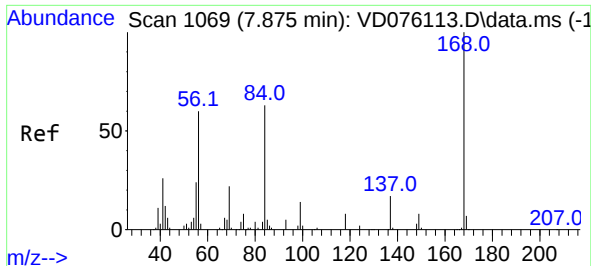
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Title : SW846 8260
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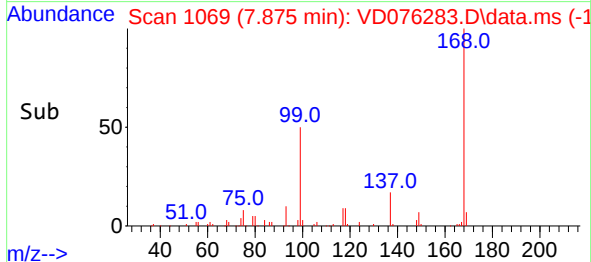
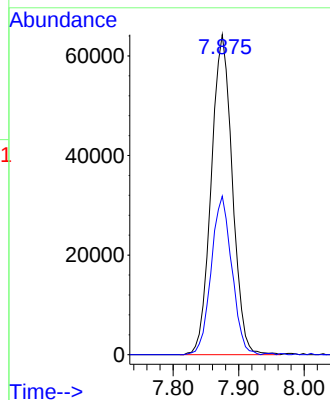
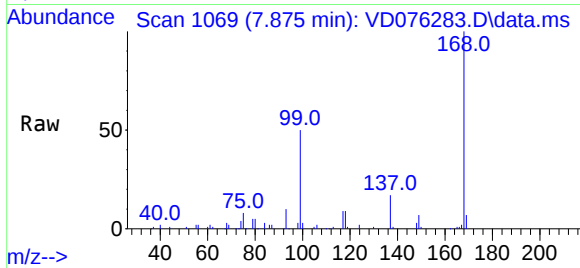




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076283.D
Acq: 31 May 2023 13:40

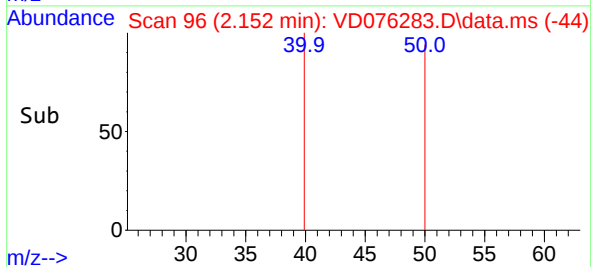
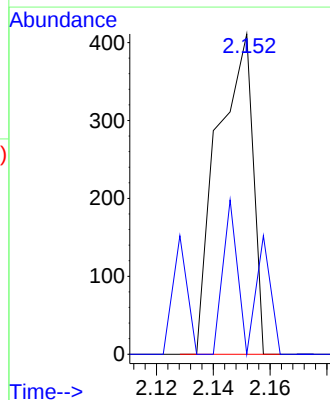
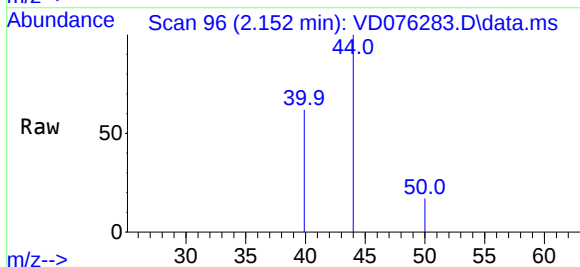
Instrument :
MSVOA_D
ClientSampleId :
VY0531SBL01

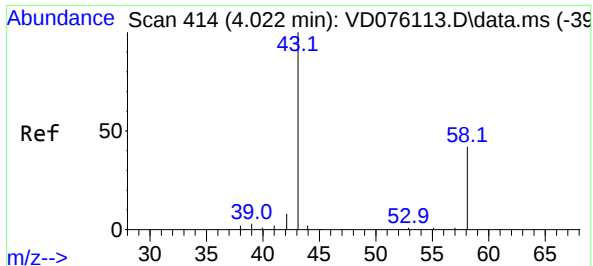
Tgt Ion:168 Resp: 143607
Ion Ratio Lower Upper
168 100
99 49.5 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD076283.D
Acq: 31 May 2023 13:40

Tgt Ion: 50 Resp: 356
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

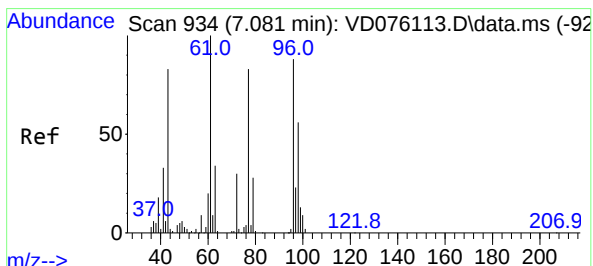
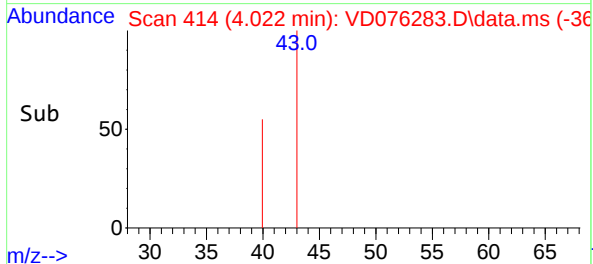
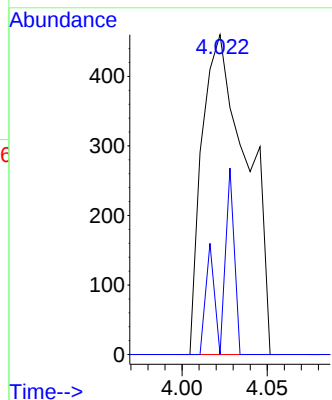
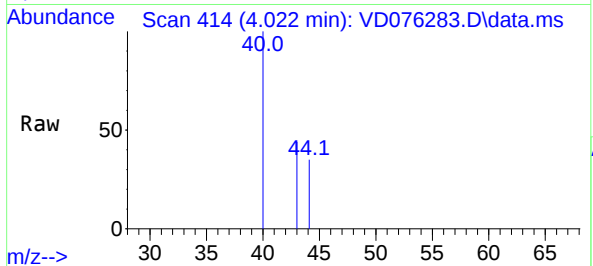




#16
Acetone
Concen: 3.042 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076283.D
Acq: 31 May 2023 13:40

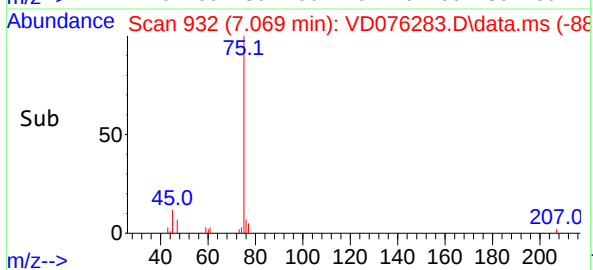
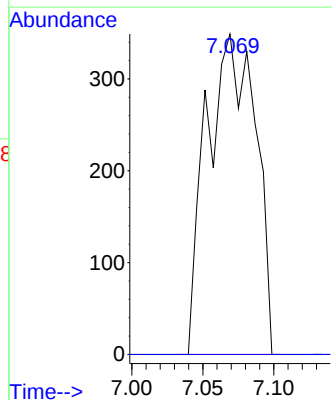
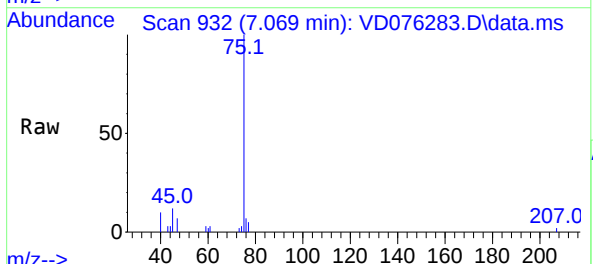
Instrument :
MSVOA_D
ClientSampleId :
VY0531SBL01

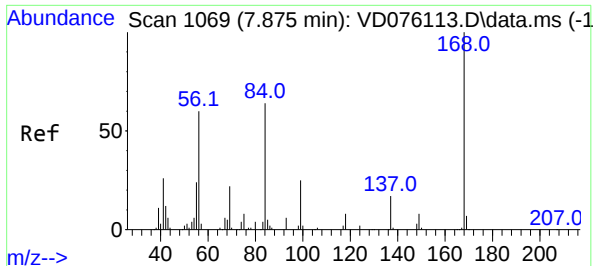
Tgt Ion: 43 Resp: 840
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#25
2-Butanone
Concen: 2.402 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD076283.D
Acq: 31 May 2023 13:40

Tgt Ion: 43 Resp: 834
Ion Ratio Lower Upper
43 100
72 0.0 19.8 29.8#

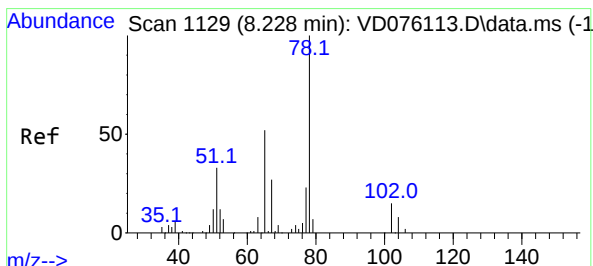
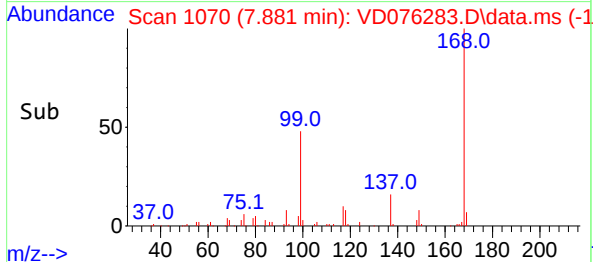
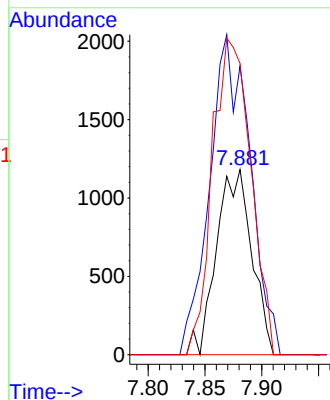
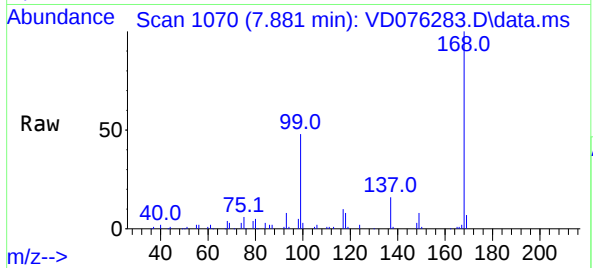




#31
Cyclohexane
Concen: 1.203 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD076283.D
Acq: 31 May 2023 13:40

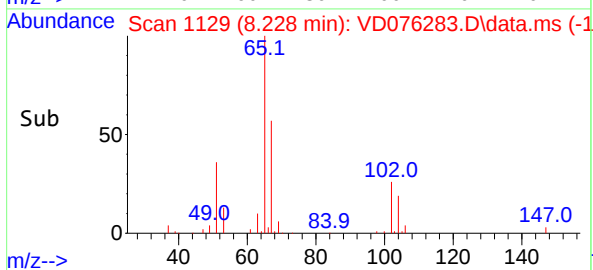
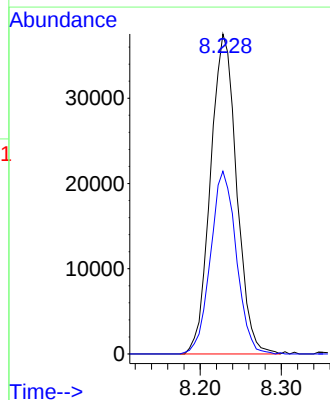
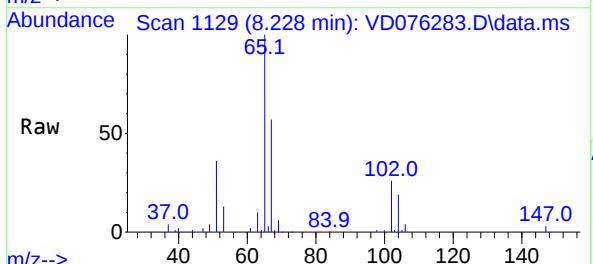
Instrument :
MSVOA_D
ClientSampleId :
VY0531SBL01

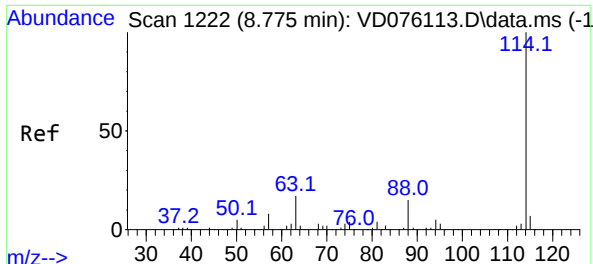
Tgt Ion: 56 Resp: 2557
Ion Ratio Lower Upper
56 100
69 155.9 25.5 38.3#
84 157.3 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 60.451 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076283.D
Acq: 31 May 2023 13:40

Tgt Ion: 65 Resp: 83901
Ion Ratio Lower Upper
65 100
67 56.5 0.0 102.2

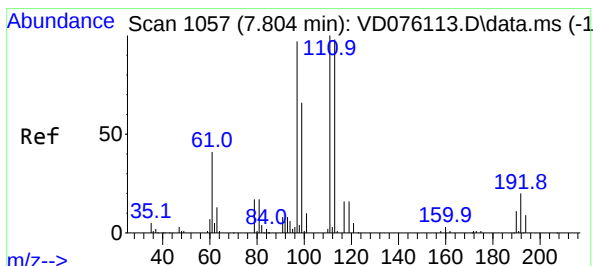
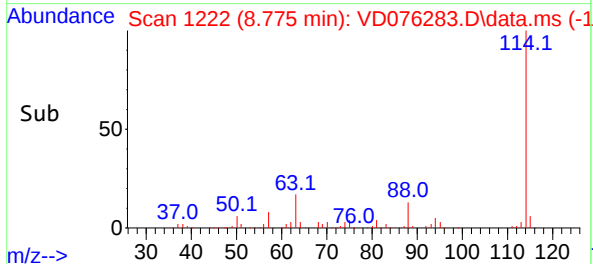
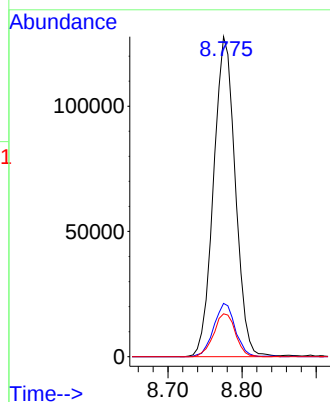
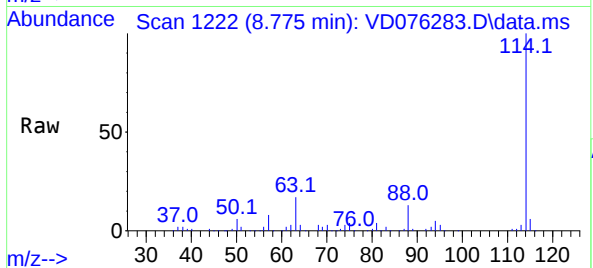




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076283.D
Acq: 31 May 2023 13:40

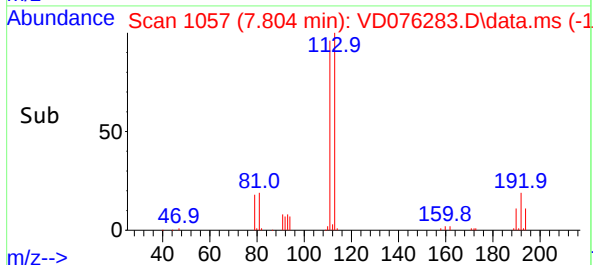
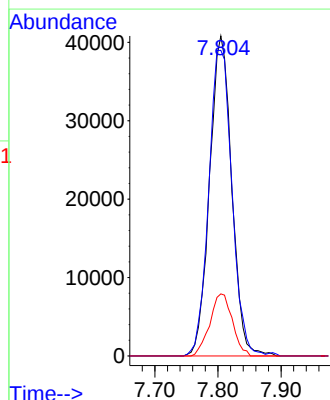
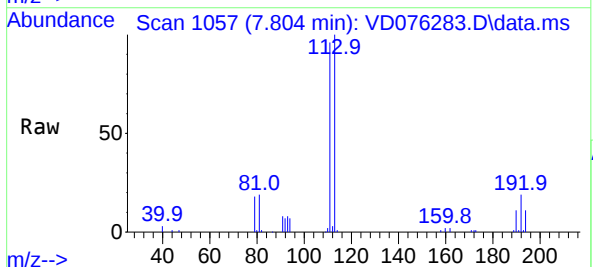
Instrument :
MSVOA_D
ClientSampleId :
VY0531SBL01

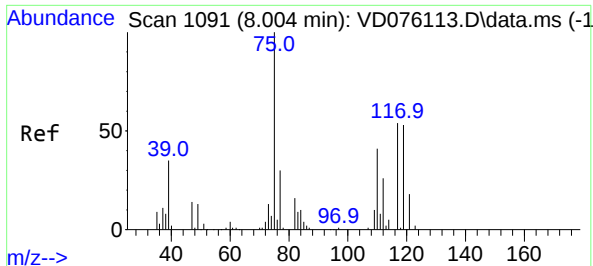
Tgt Ion:114 Resp: 259988
Ion Ratio Lower Upper
114 100
63 16.6 0.0 41.6
88 13.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.149 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076283.D
Acq: 31 May 2023 13:40

Tgt Ion:113 Resp: 99107
Ion Ratio Lower Upper
113 100
111 100.7 81.4 122.0
192 19.8 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.289 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD076283.D

Acq: 31 May 2023 13:40

Instrument :

MSVOA_D

ClientSampleId :

VY0531SBL01

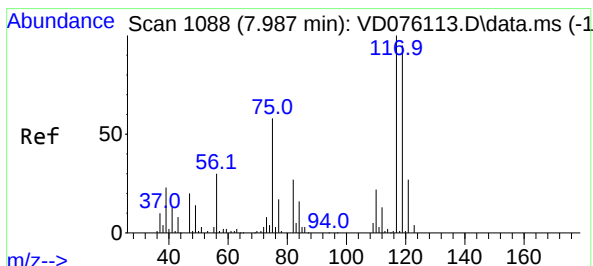
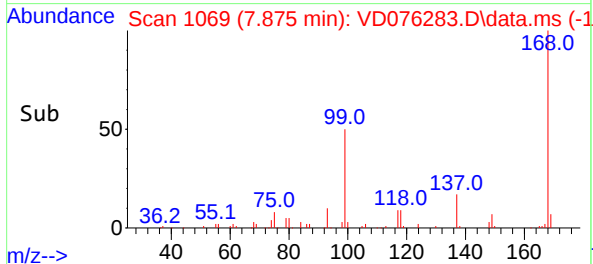
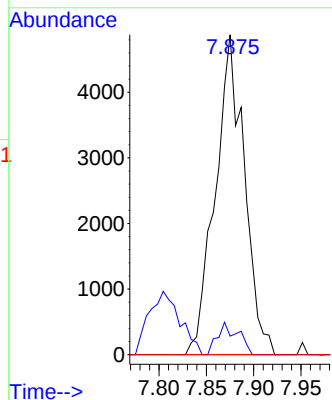
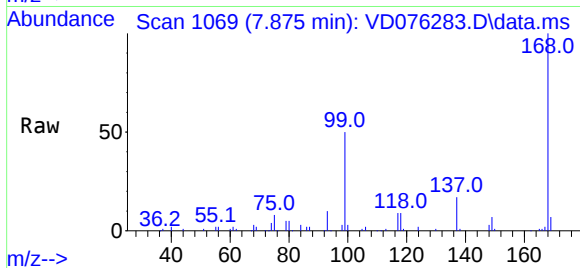
Tgt Ion: 75 Resp: 10409

Ion Ratio Lower Upper

75 100

110 7.2 17.1 51.2#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.847 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD076283.D

Acq: 31 May 2023 13:40

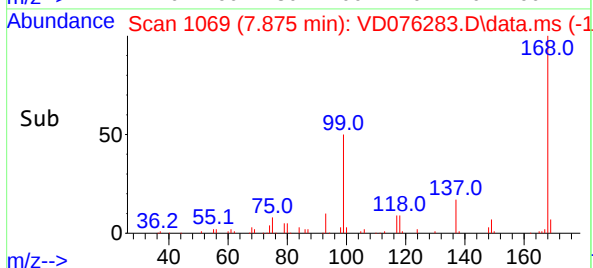
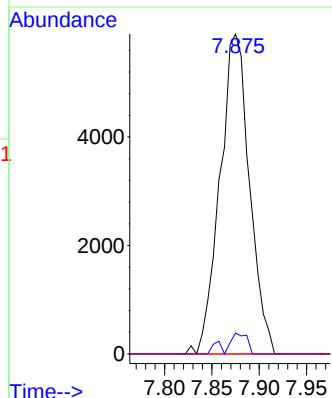
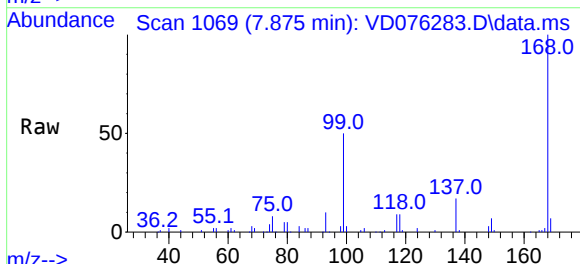
Tgt Ion: 117 Resp: 12818

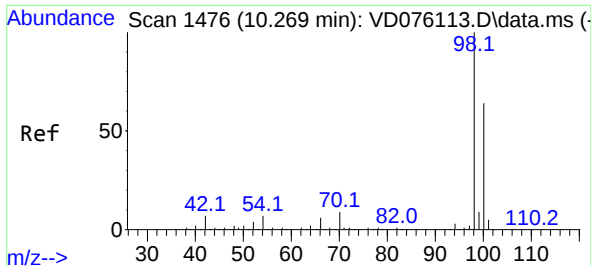
Ion Ratio Lower Upper

117 100

119 6.5 74.7 112.1#

121 0.0 25.9 38.9#

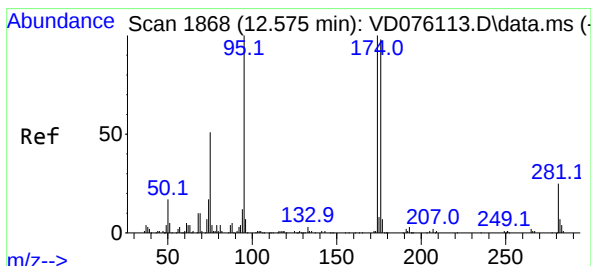
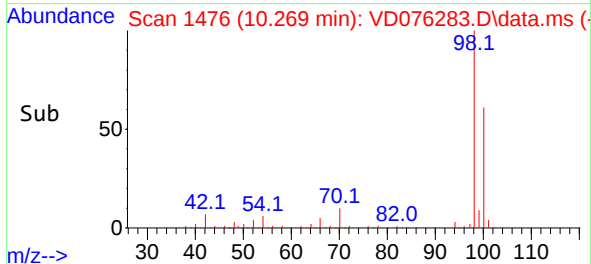
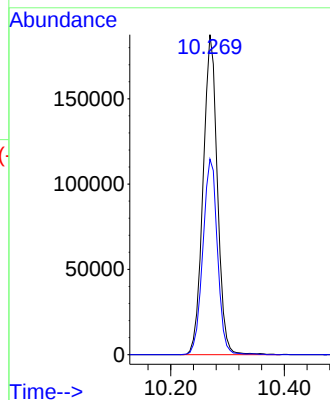
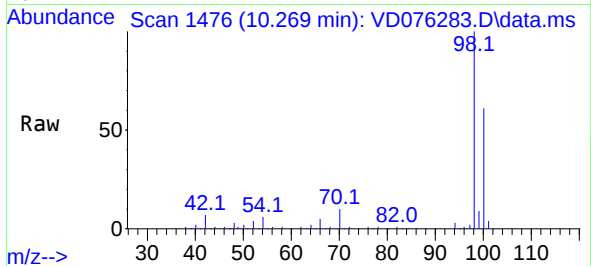




#50
Toluene-d8
Concen: 46.664 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076283.D
Acq: 31 May 2023 13:40

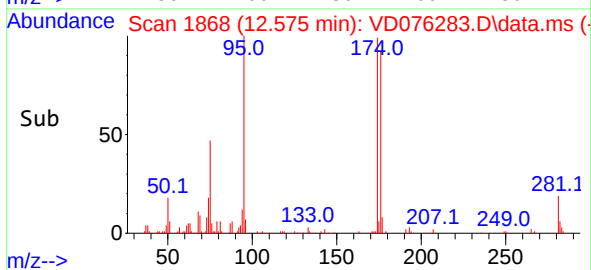
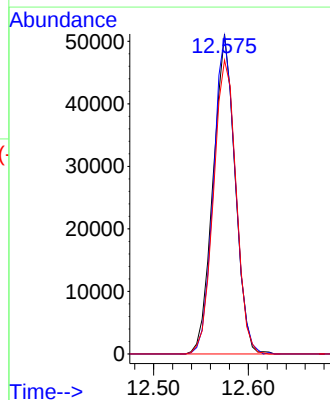
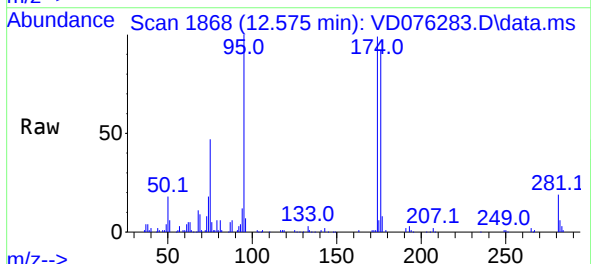
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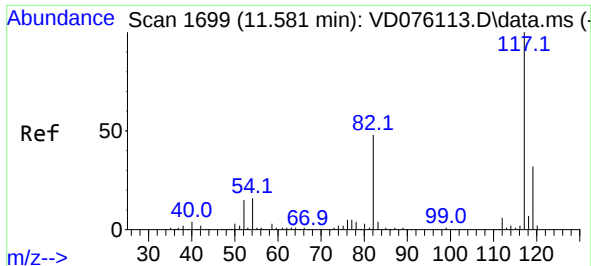
Tgt Ion: 98 Resp: 326905
Ion Ratio Lower Upper
98 100
100 62.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.304 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076283.D
Acq: 31 May 2023 13:40

Tgt Ion: 95 Resp: 82324
Ion Ratio Lower Upper
95 100
174 98.4 0.0 164.0
176 94.5 0.0 156.8

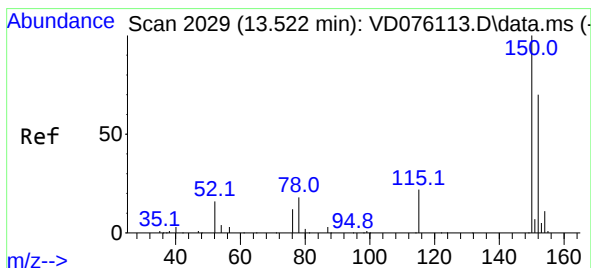
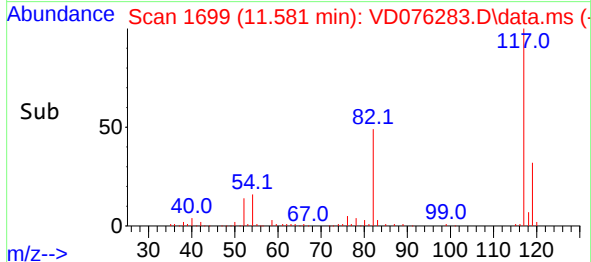
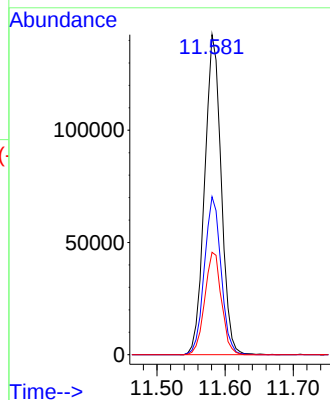
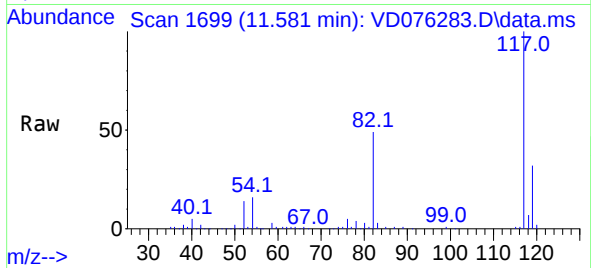




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076283.D
Acq: 31 May 2023 13:40

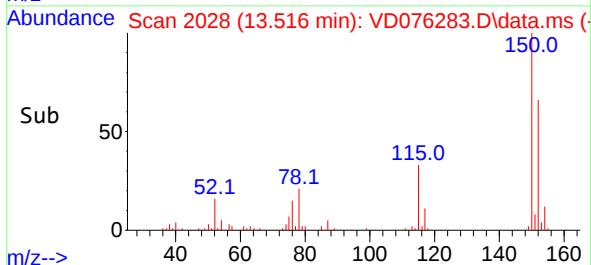
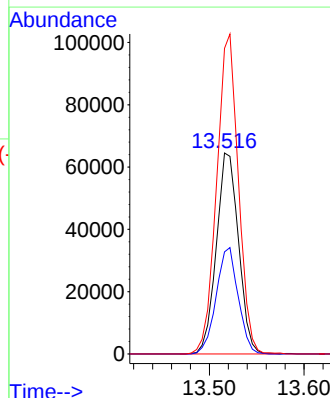
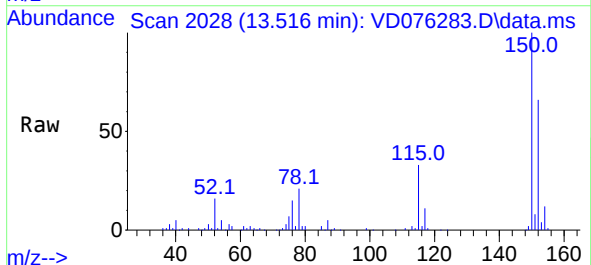
Instrument :
MSVOA_D
ClientSampleId :
VY0531SBL01

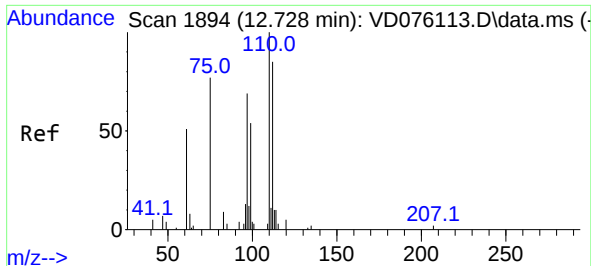
Tgt Ion:117 Resp: 240570
Ion Ratio Lower Upper
117 100
82 49.3 44.0 66.0
119 32.0 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076283.D
Acq: 31 May 2023 13:40

Tgt Ion:152 Resp: 105206
Ion Ratio Lower Upper
152 100
115 52.4 30.1 90.3
150 155.4 0.0 364.8

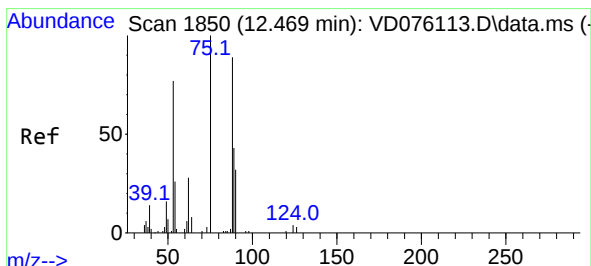
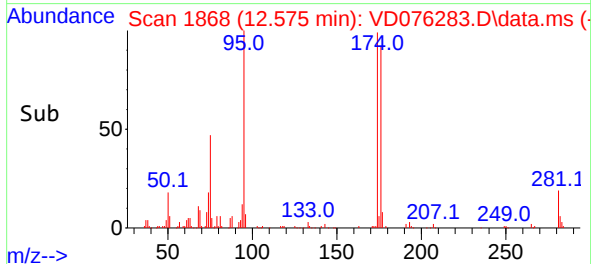
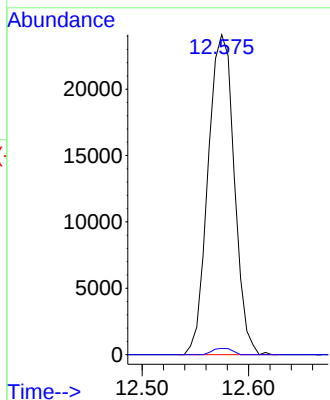
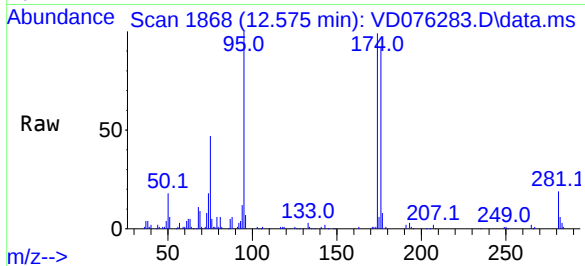




#76
1,2,3-Trichloropropane
Concen: 44.653 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076283.D
Acq: 31 May 2023 13:40

Instrument :
MSVOA_D
ClientSampleId :
VY0531SBL01

Tgt Ion: 75 Resp: 41109
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.674 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076283.D
Acq: 31 May 2023 13:40

Tgt Ion: 75 Resp: 41109
Ion Ratio Lower Upper
75 100
53 0.2 90.5 135.7#
89 0.2 40.2 60.4#

