

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051823\
 Data File : VD076140.D
 Acq On : 18 May 2023 15:02
 Operator : KP/SY
 Sample : 02816-04RE
 Misc : 5.93G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CB-22-K2-SO-18-051623

Quant Time: May 19 01:53:28 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)

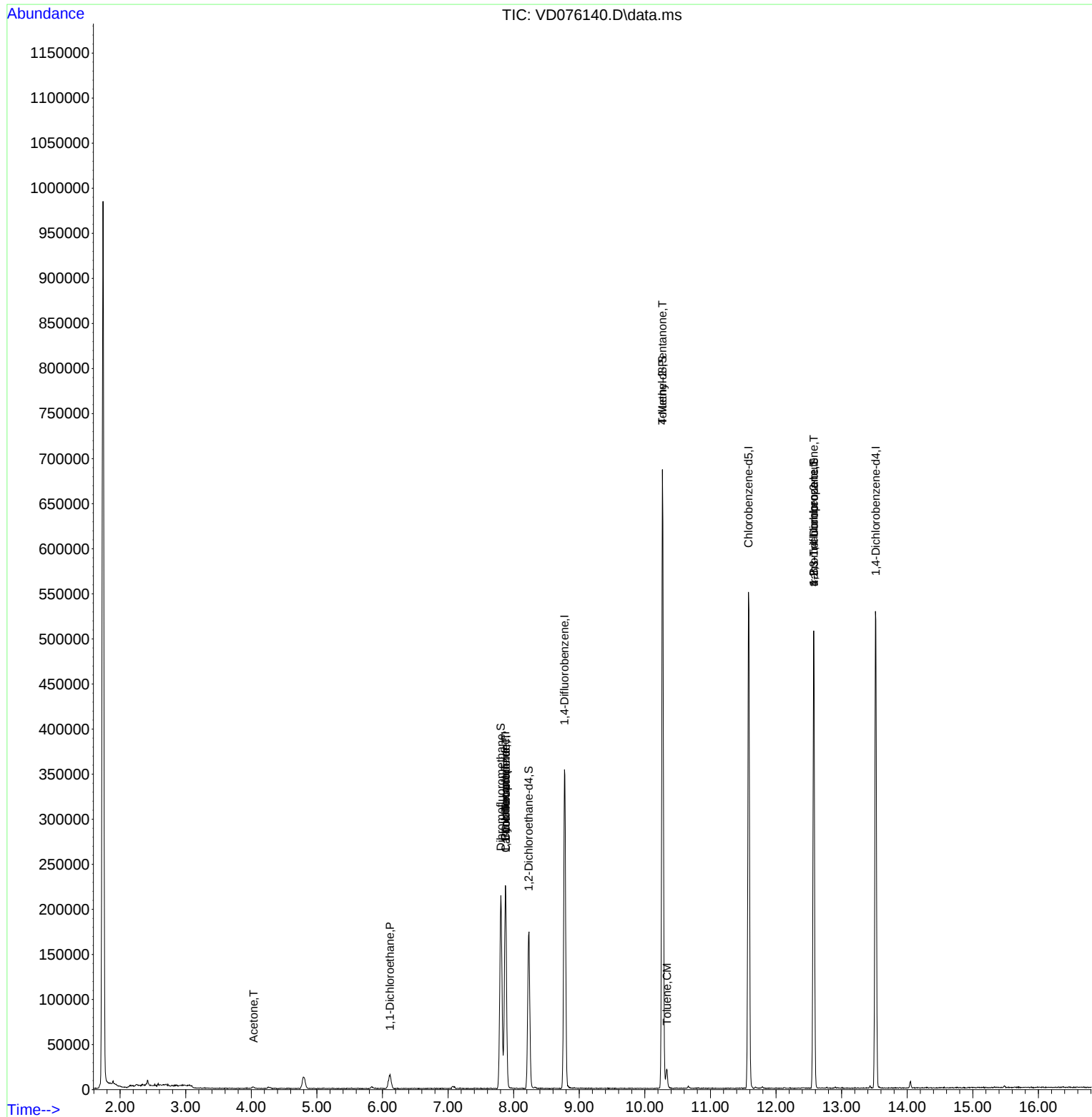
Internal Standards						
1) Pentafluorobenzene	7.875	168	178705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	343909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	347013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	155328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	133327	77.195	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 154.400%	
35) Dibromofluoromethane	7.804	113	156739	65.935	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 131.880%	
50) Toluene-d8	10.269	98	496104	53.536	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.080%	
62) 4-Bromofluorobenzene	12.575	95	152643	59.298	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 118.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	316	Below Cal	#	28
16) Acetone	4.034	43	3119	9.076	ug/l	94
17) Carbon Disulfide	4.263	76	1960	Below Cal	#	73
20) Methylene Chloride	4.793	84	11831	Below Cal	#	78
24) 1,1-Dichloroethane	6.116	63	22759	6.343	ug/l	94
31) Cyclohexane	7.875	56	3874	1.465	ug/l	# 1
36) 1,1-Dichloropropene	7.881	75	14212	4.427	ug/l	# 47
38) Carbon Tetrachloride	7.881	117	16579	5.717	ug/l	# 13
51) 4-Methyl-2-Pentanone	10.269	43	1611	1.459	ug/l	# 1
52) Toluene	10.340	92	8292	1.286	ug/l	78
76) 1,2,3-Trichloropropane	12.575	75	76171	56.039	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	76171	117.560	ug/l	# 5

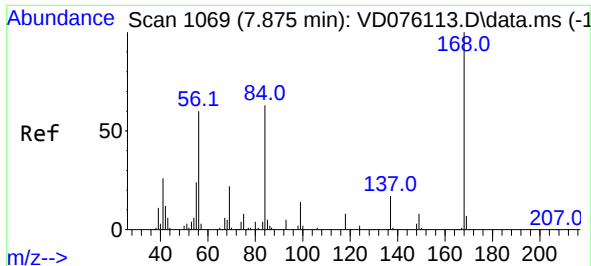
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

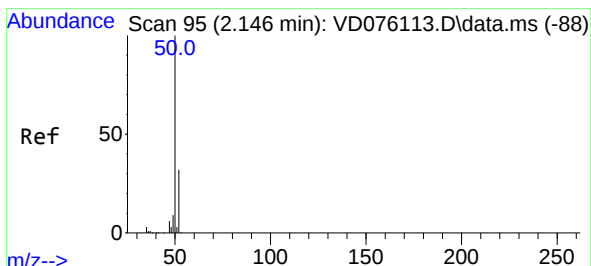
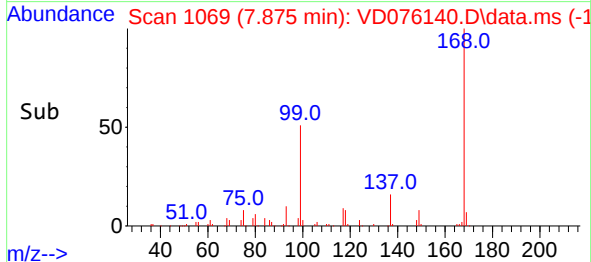
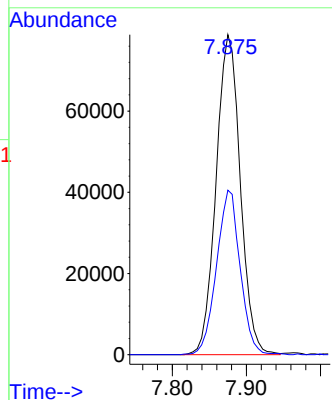
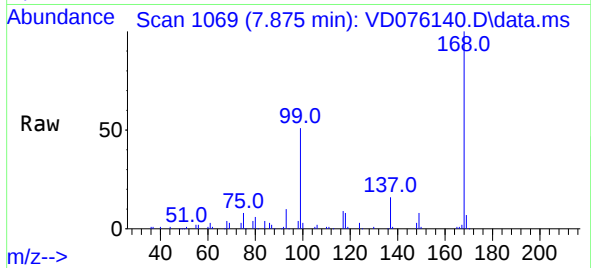




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076140.D
Acq: 18 May 2023 15:02

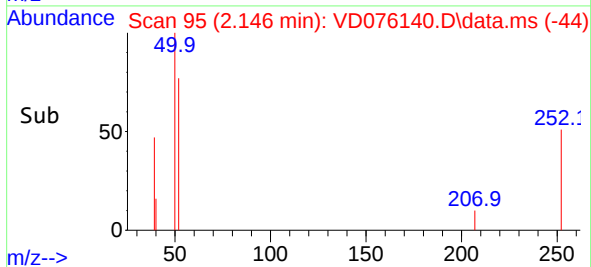
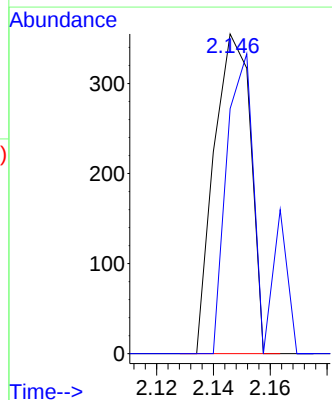
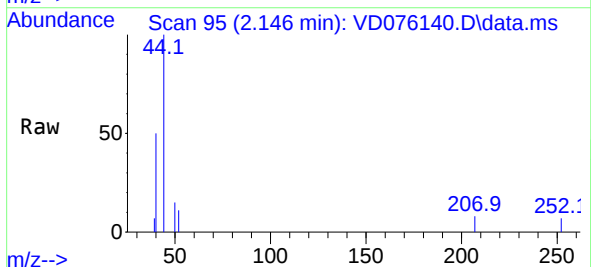
Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-18-051623

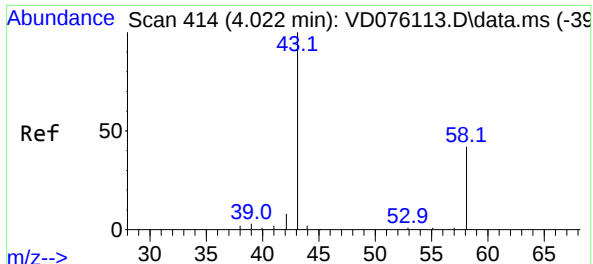
Tgt Ion:168 Resp: 178705
Ion Ratio Lower Upper
168 100
99 51.4 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076140.D
Acq: 18 May 2023 15:02

Tgt Ion: 50 Resp: 316
Ion Ratio Lower Upper
50 100
52 76.6 27.8 41.8#

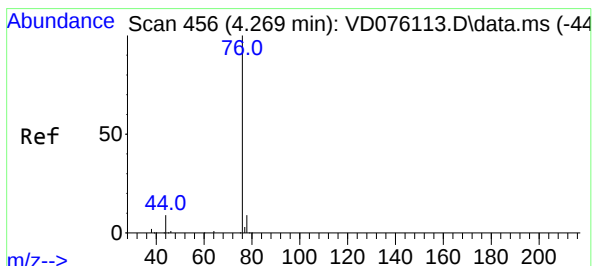
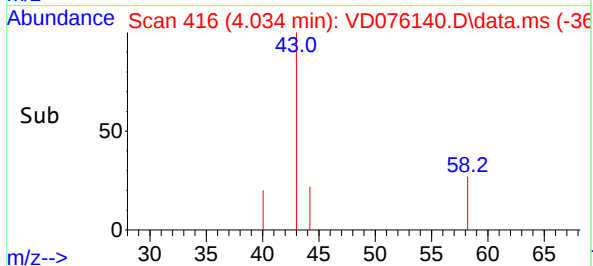
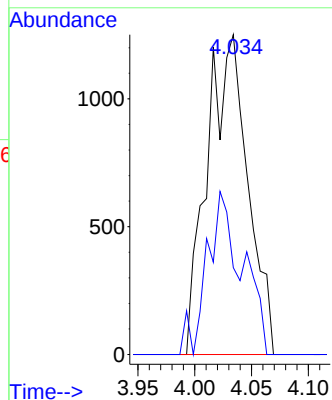
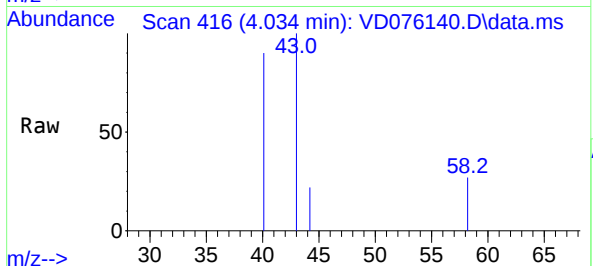




#16
Acetone
Concen: 9.076 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD076140.D
Acq: 18 May 2023 15:02

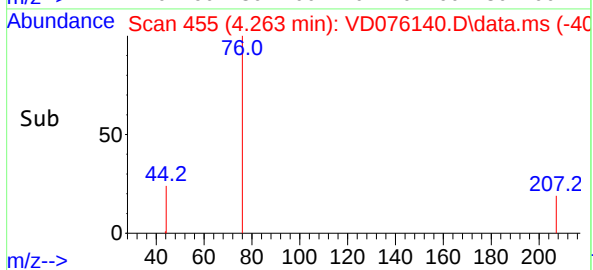
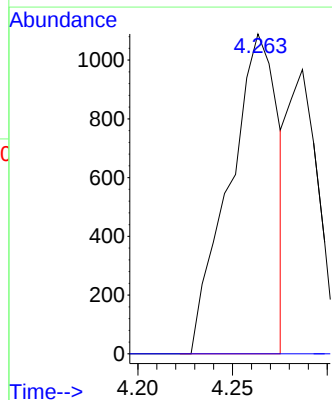
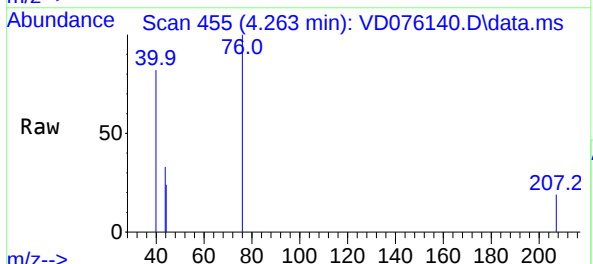
Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-18-051623

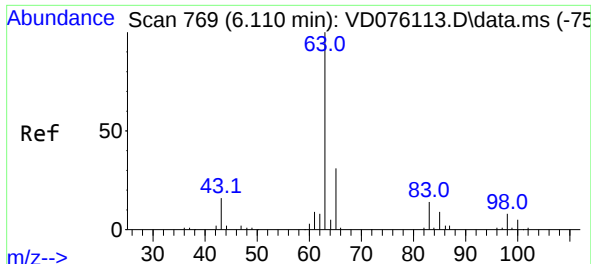
Tgt Ion: 43 Resp: 3119
Ion Ratio Lower Upper
43 100
58 27.2 24.4 36.6



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.263 min Scan# 455
Delta R.T. -0.006 min
Lab File: VD076140.D
Acq: 18 May 2023 15:02

Tgt Ion: 76 Resp: 1960
Ion Ratio Lower Upper
76 100
78 0.0 8.0 12.0#

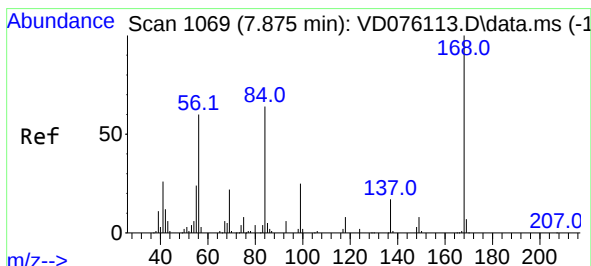
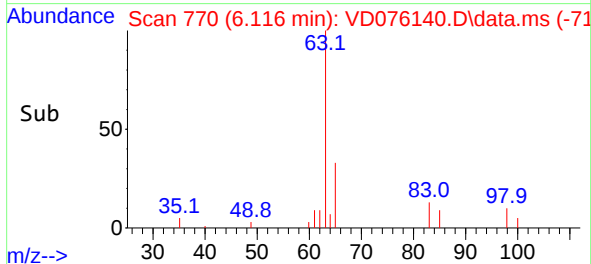
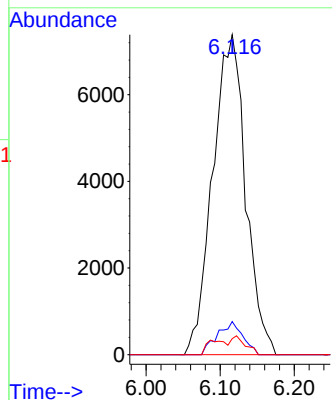
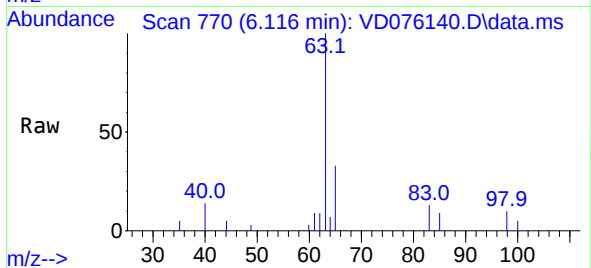




#24
1,1-Dichloroethane
Concen: 6.343 ug/l
RT: 6.116 min Scan# 71
Delta R.T. 0.006 min
Lab File: VD076140.D
Acq: 18 May 2023 15:02

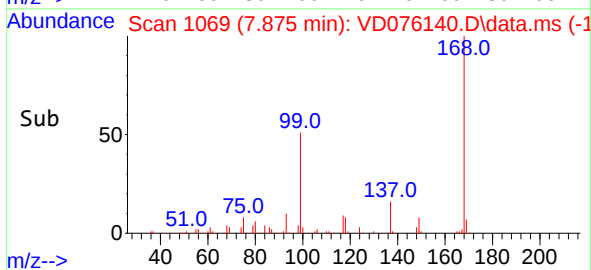
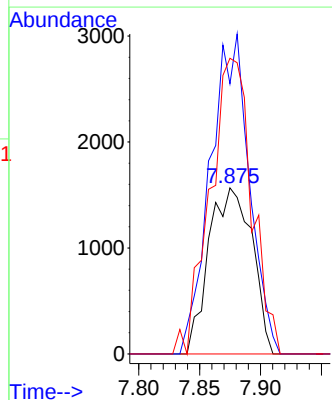
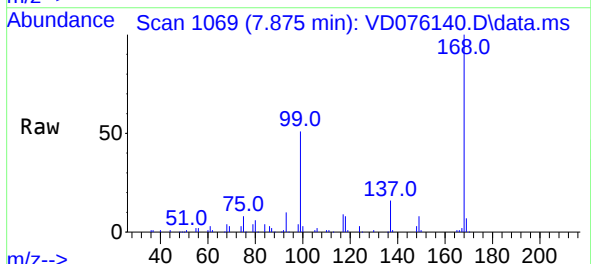
Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-18-051623

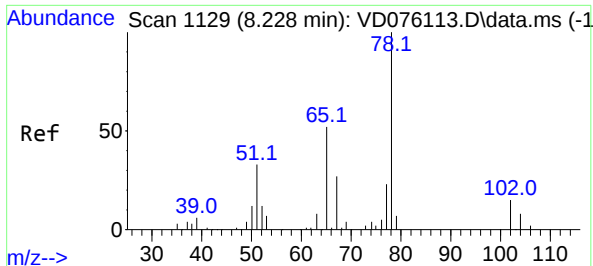
Tgt Ion:	63	Resp:	22759
Ion	Ratio	Lower	Upper
63	100		
98	10.4	3.9	11.7
100	5.0	2.0	6.0



#31
Cyclohexane
Concen: 1.465 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076140.D
Acq: 18 May 2023 15:02

Tgt Ion:	56	Resp:	3874
Ion	Ratio	Lower	Upper
56	100		
69	162.7	25.5	38.3#
84	178.1	69.6	104.4#





#33

1,2-Dichloroethane-d4

Concen: 77.195 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076140.D

Acq: 18 May 2023 15:02

Instrument :

MSVOA_D

ClientSampleId :

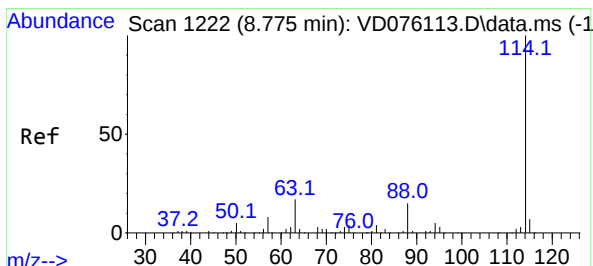
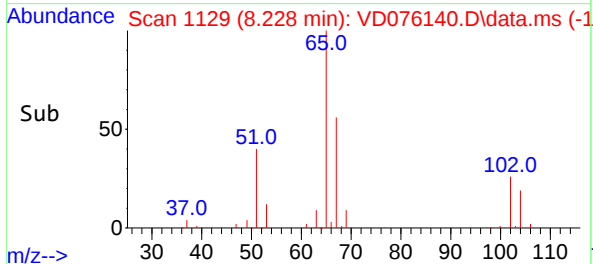
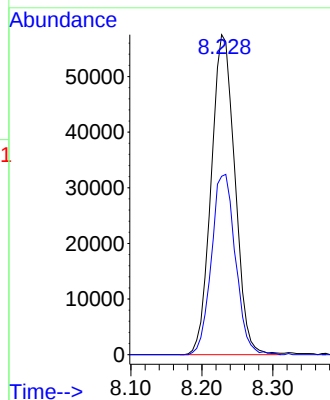
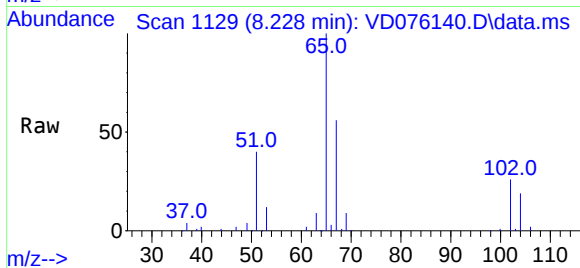
CB-22-K2-SO-18-051623

Tgt Ion: 65 Resp: 133327

Ion Ratio Lower Upper

65 100

67 57.0 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076140.D

Acq: 18 May 2023 15:02

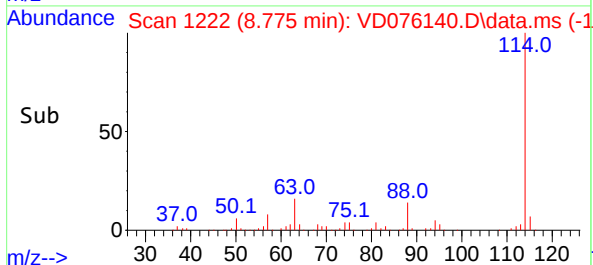
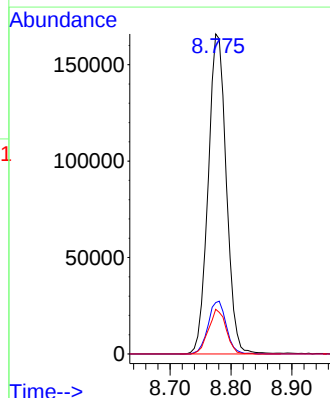
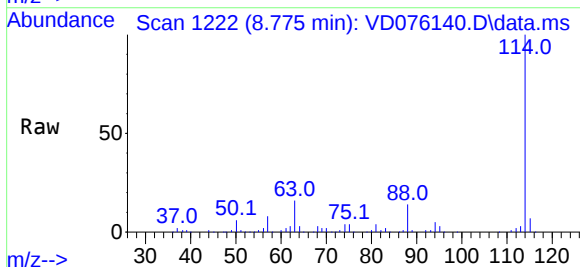
Tgt Ion: 114 Resp: 343909

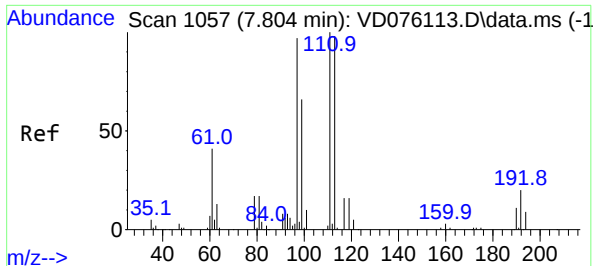
Ion Ratio Lower Upper

114 100

63 16.1 0.0 41.6

88 13.9 0.0 30.6

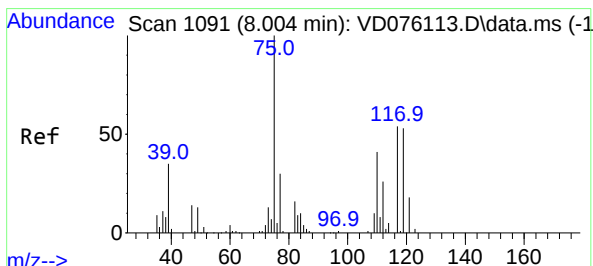
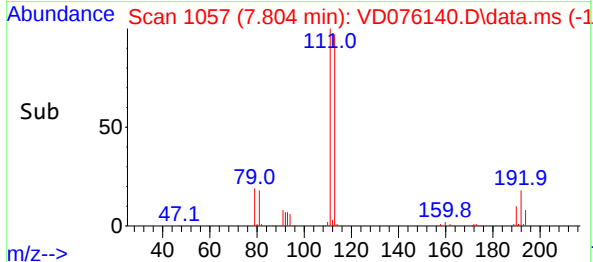
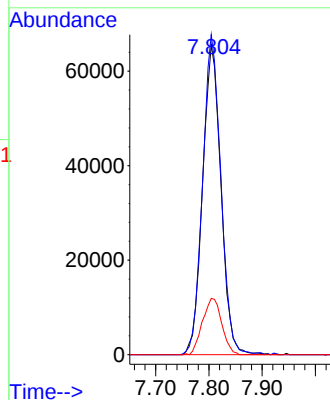
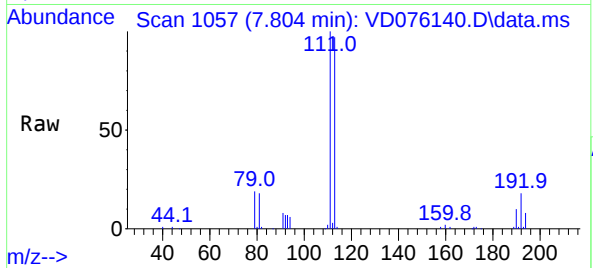




#35
Dibromofluoromethane
Concen: 65.935 ug/l
RT: 7.804 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VD076140.D
Acq: 18 May 2023 15:02

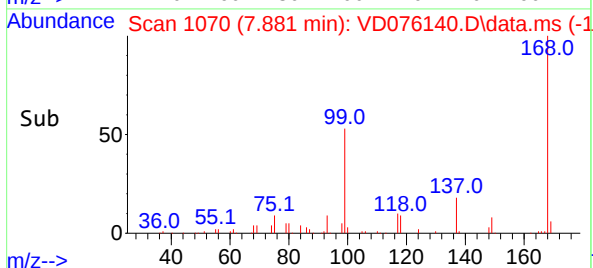
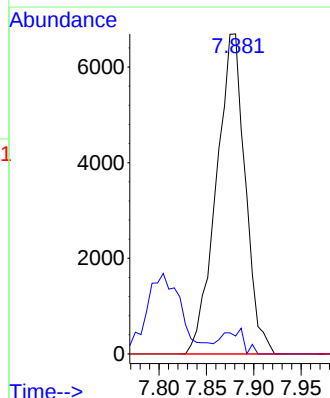
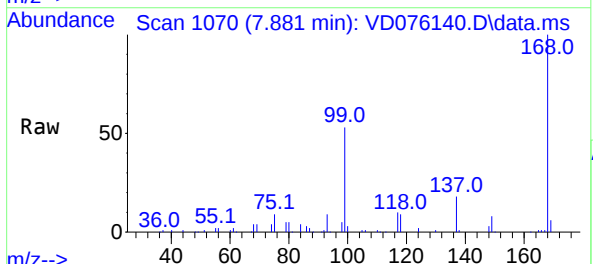
Instrument : MSVOA_D
ClientSampleId : CB-22-K2-SO-18-051623

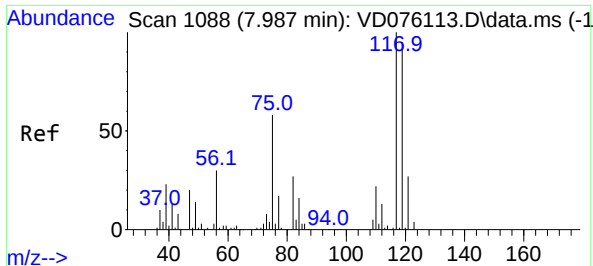
Tgt Ion: 113 Resp: 156739
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 19.1 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.427 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD076140.D
Acq: 18 May 2023 15:02

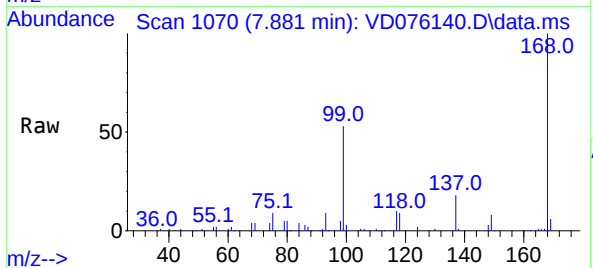
Tgt Ion: 75 Resp: 14212
Ion Ratio Lower Upper
75 100
110 5.7 17.1 51.2#
77 0.0 24.6 36.8#



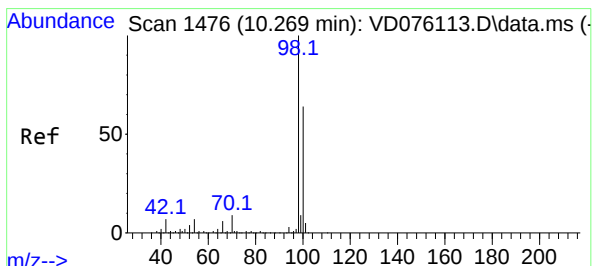
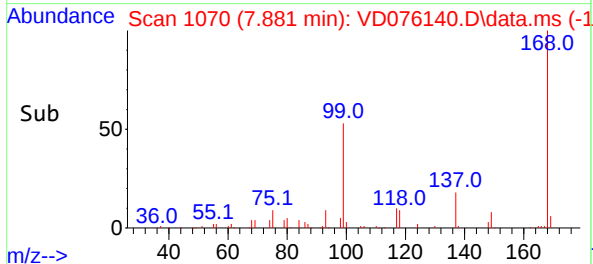
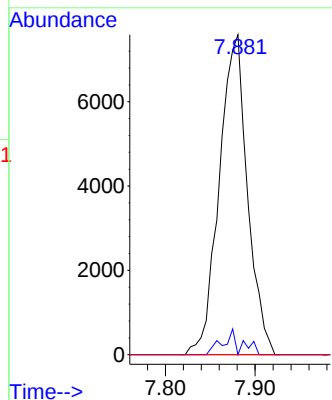


#38
Carbon Tetrachloride
Concen: 5.717 ug/l
RT: 7.881 min Scan# 1088
Delta R.T. -0.112 min
Lab File: VD076140.D
Acq: 18 May 2023 15:02

Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-18-051623

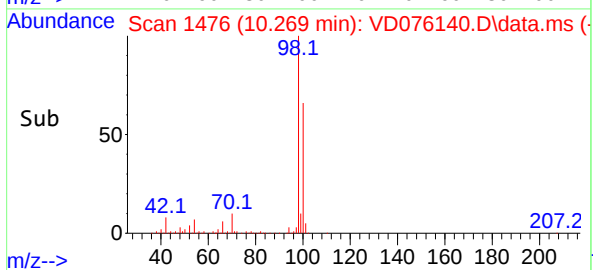
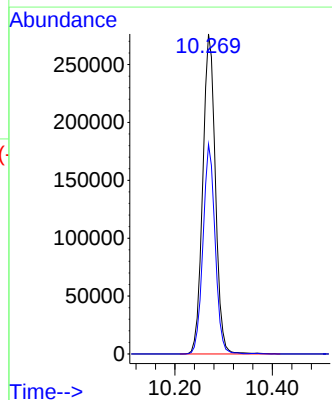
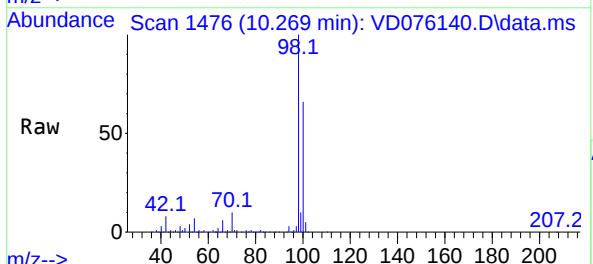


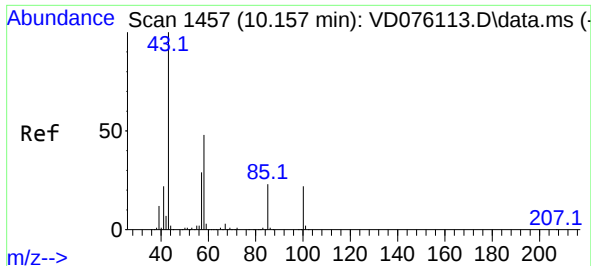
Tgt Ion:117 Resp: 16579
Ion Ratio Lower Upper
117 100
119 0.0 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 53.536 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076140.D
Acq: 18 May 2023 15:02

Tgt Ion: 98 Resp: 496104
Ion Ratio Lower Upper
98 100
100 62.9 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 1.459 ug/l

RT: 10.269 min Scan# 1457

Delta R.T. 0.112 min

Lab File: VD076140.D

Acq: 18 May 2023 15:02

Instrument :

MSVOA_D

ClientSampleId :

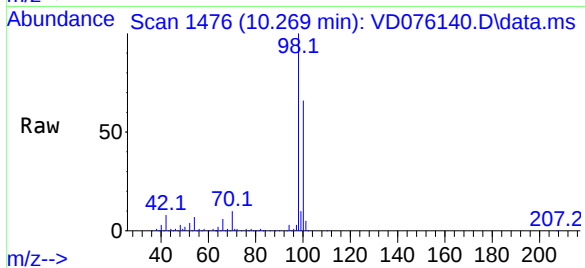
CB-22-K2-SO-18-051623

Tgt Ion: 43 Resp: 1611

Ion Ratio Lower Upper

43 100

58 194.0 29.5 44.3#



Abundance

1500

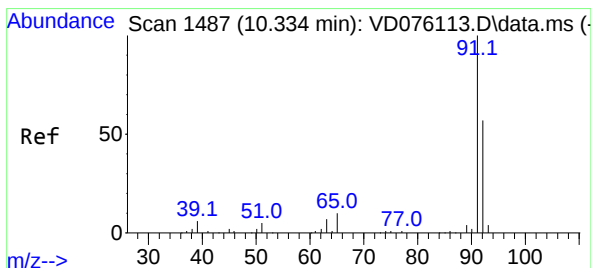
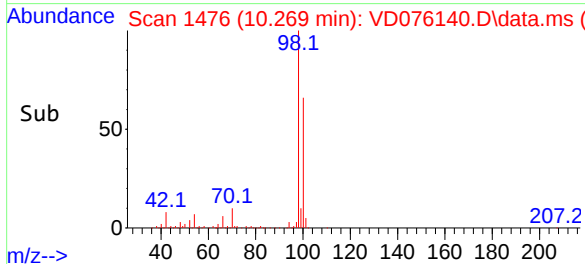
1000

500

0

10.269

Time-->



#52

Toluene

Concen: 1.286 ug/l

RT: 10.340 min Scan# 1488

Delta R.T. 0.006 min

Lab File: VD076140.D

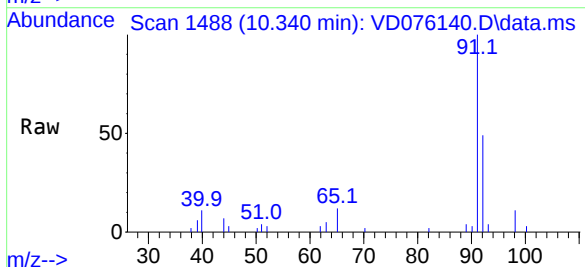
Acq: 18 May 2023 15:02

Tgt Ion: 92 Resp: 8292

Ion Ratio Lower Upper

92 100

91 201.0 136.5 204.7



Abundance

8000

6000

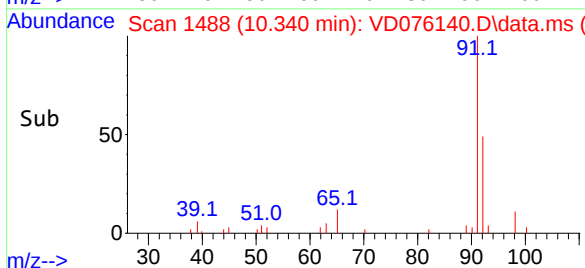
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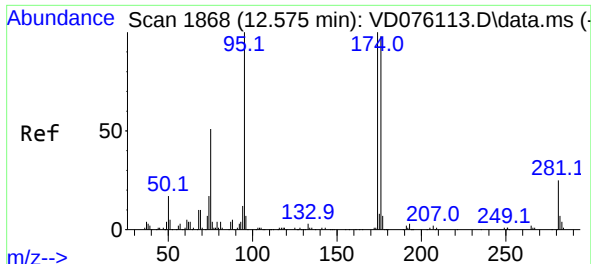
2000

0

10.340

Time-->

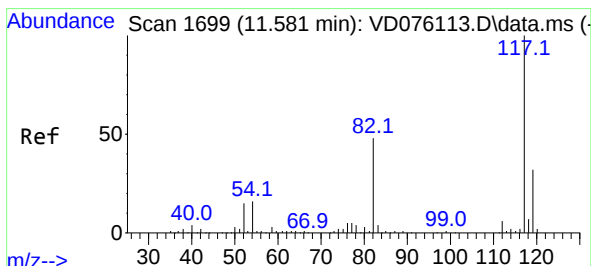
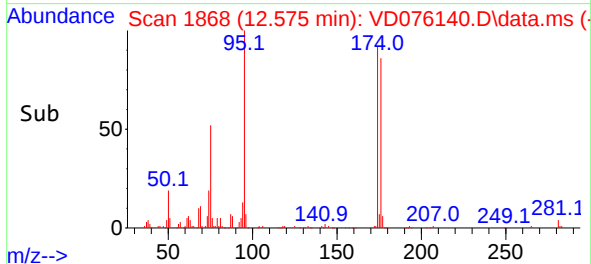
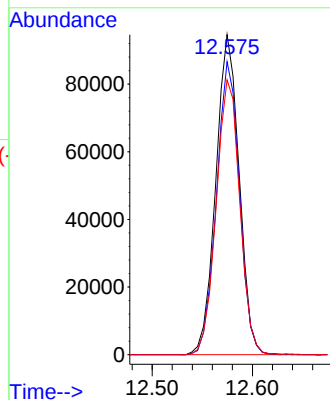
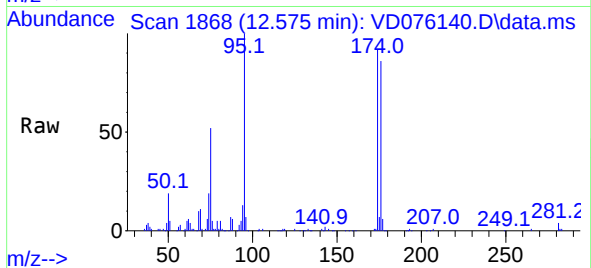




#62
4-Bromofluorobenzene
Concen: 59.298 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076140.D
Acq: 18 May 2023 15:02

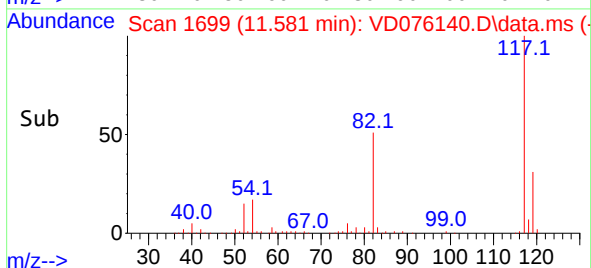
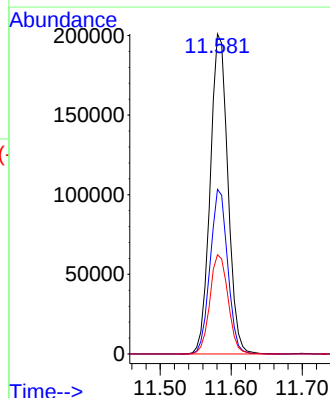
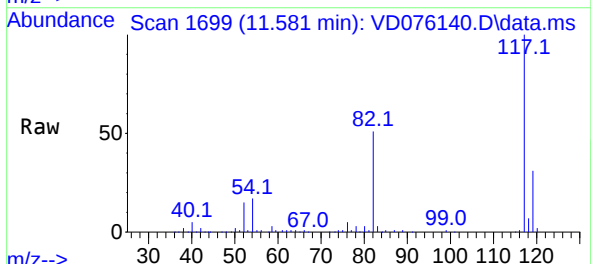
Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-18-051623

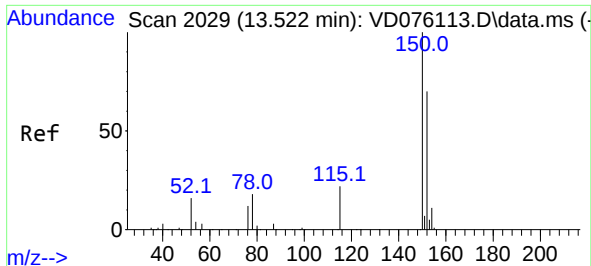
Tgt Ion: 95 Resp: 152643
Ion Ratio Lower Upper
95 100
174 90.4 0.0 164.0
176 86.7 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076140.D
Acq: 18 May 2023 15:02

Tgt Ion: 117 Resp: 347013
Ion Ratio Lower Upper
117 100
82 51.5 44.0 66.0
119 31.0 25.1 37.7

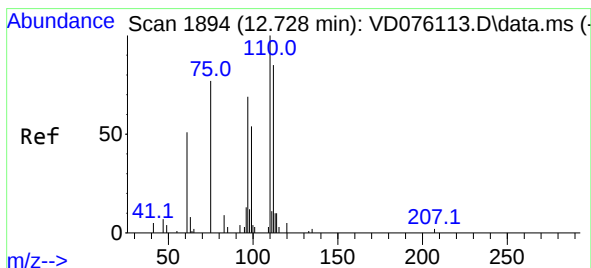
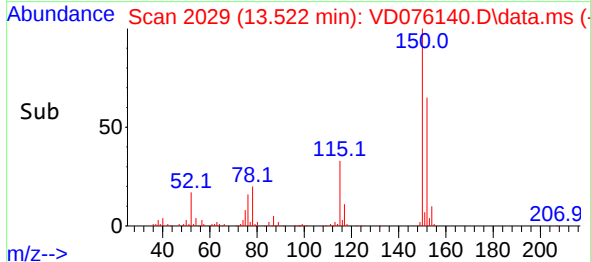
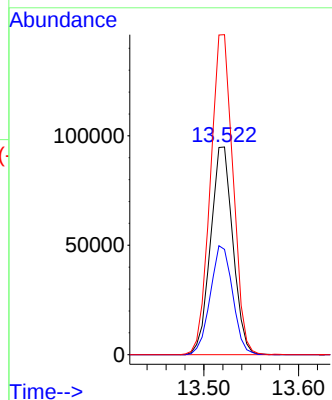
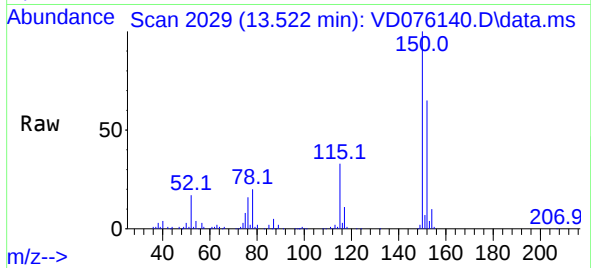




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD076140.D
Acq: 18 May 2023 15:02

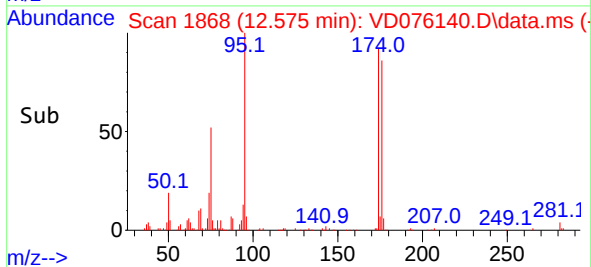
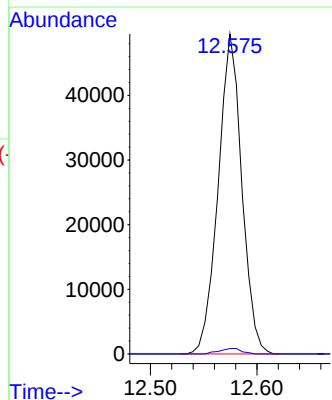
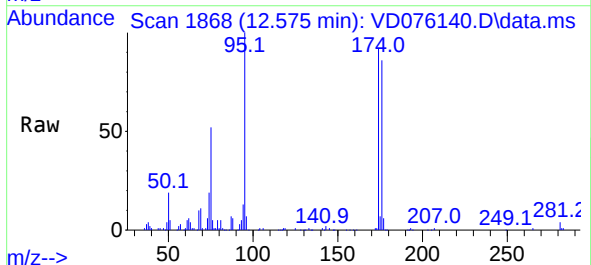
Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-18-051623

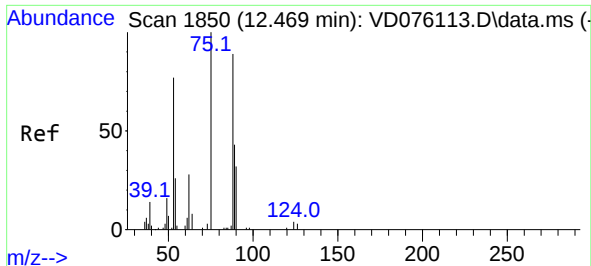
Tgt Ion:152 Resp: 155328
Ion Ratio Lower Upper
152 100
115 52.6 30.1 90.3
150 156.2 0.0 364.8



#76
1,2,3-Trichloropropane
Concen: 56.039 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076140.D
Acq: 18 May 2023 15:02

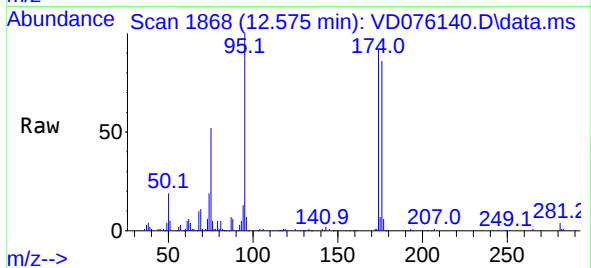
Tgt Ion: 75 Resp: 76171
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 117.560 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD076140.D
Acq: 18 May 2023 15:02

Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-18-051623



Tgt Ion: 75 Resp: 76171
Ion Ratio Lower Upper
75 100
53 0.2 90.5 135.7#
89 0.0 40.2 60.4#

