

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111422\
 Data File : VD074931.D
 Acq On : 14 Nov 2022 13:40
 Operator : VA/SY
 Sample : N5607-03RE
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-36RE

Quant Time: Nov 15 00:16:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

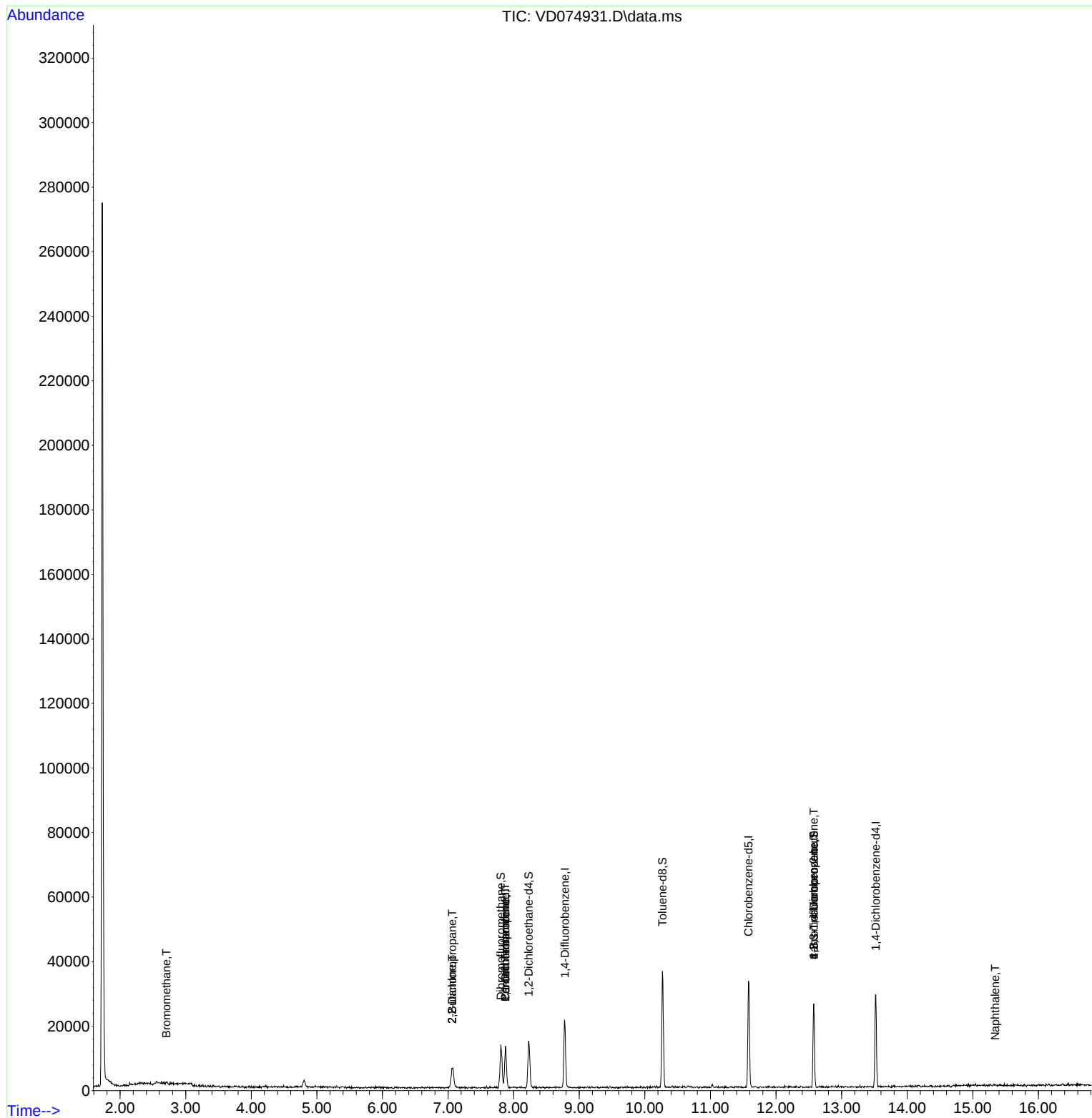
Internal Standards						
1) Pentafluorobenzene	7.875	168	10631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	21188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	22497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	9265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	11249	173.931	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 347.860%#	
35) Dibromofluoromethane	7.804	113	9331	71.442	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 142.880%	
50) Toluene-d8	10.269	98	26350	61.246	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 122.500%	
62) 4-Bromofluorobenzene	12.575	95	7921	59.958	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 119.920%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	156	Below Cal	#	37
5) Bromomethane	2.705	94	397	2.611	ug/l #	62
20) Methylene Chloride	4.805	84	1674	Below Cal	#	84
25) 2-Butanone	7.063	43	54	2.353	ug/l #	42
26) 2,2-Dichloropropane	7.063	77	327	1.851	ug/l #	50
36) 1,1-Dichloropropene	7.875	75	737	3.839	ug/l #	39
38) Carbon Tetrachloride	7.875	117	915	5.064	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	4383	56.560	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	4383	139.140	ug/l #	17
95) Naphthalene	15.339	128	311	1.043	ug/l #	69

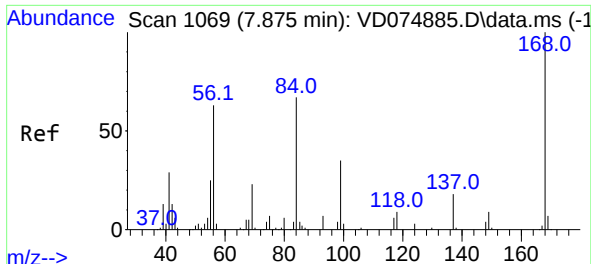
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-36RE

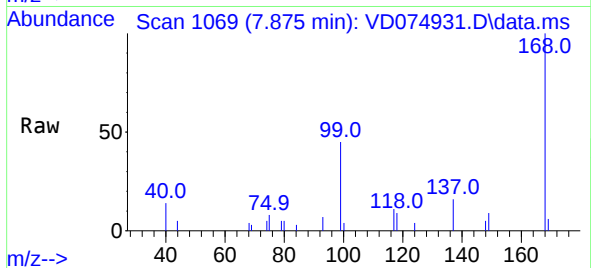
Quant Time: Nov 15 00:16:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 14 00:51:58 2022
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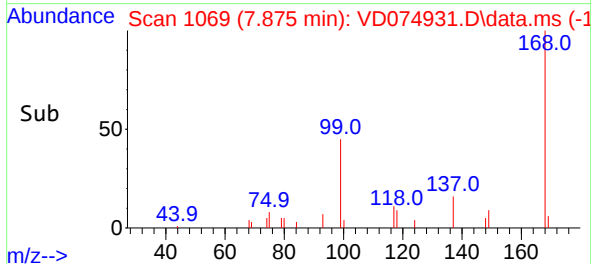
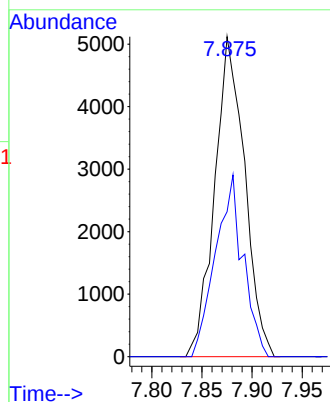


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074931.D
Acq: 14 Nov 2022 13:40

Instrument :
MSVOA_D
ClientSampleId :
SB-36RE

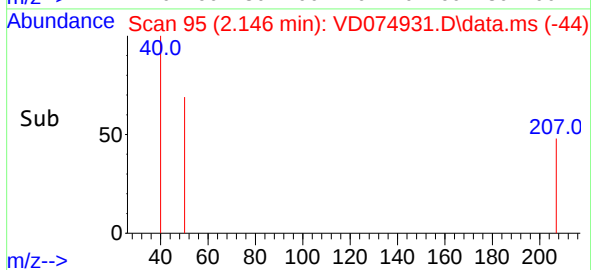
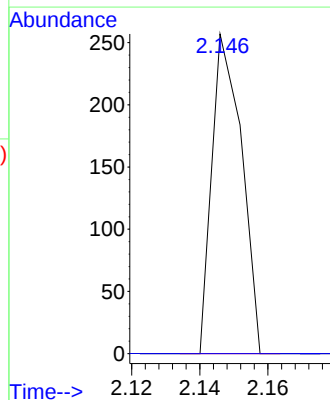
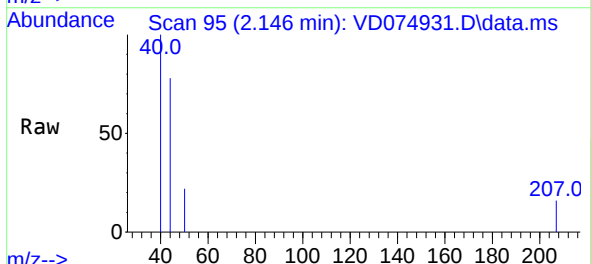


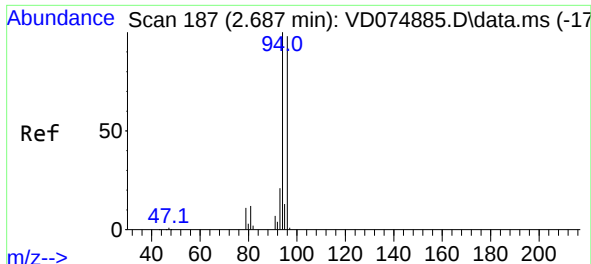
Tgt Ion:168 Resp: 10631
Ion Ratio Lower Upper
168 100
99 45.3 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD074931.D
Acq: 14 Nov 2022 13:40

Tgt Ion: 50 Resp: 156
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

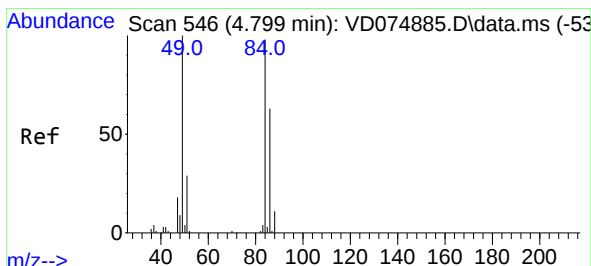
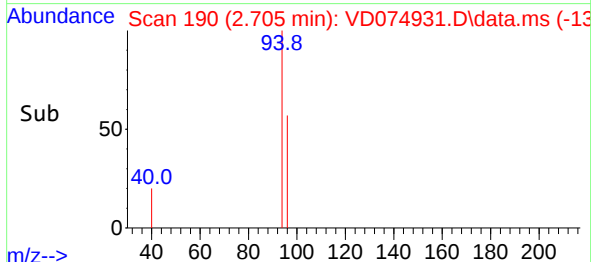
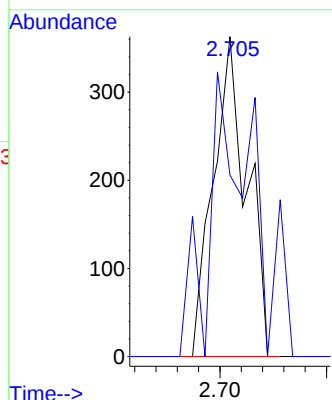
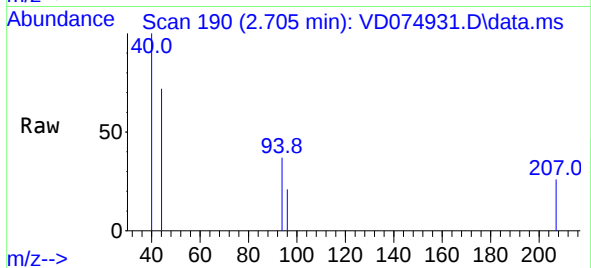




#5
Bromomethane
Concen: 2.611 ug/l
RT: 2.705 min Scan# 19
Delta R.T. 0.018 min
Lab File: VD074931.D
Acq: 14 Nov 2022 13:40

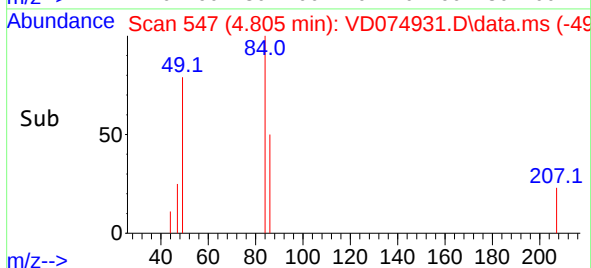
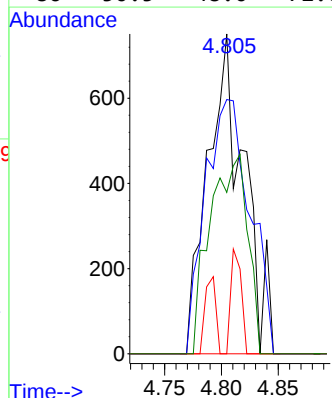
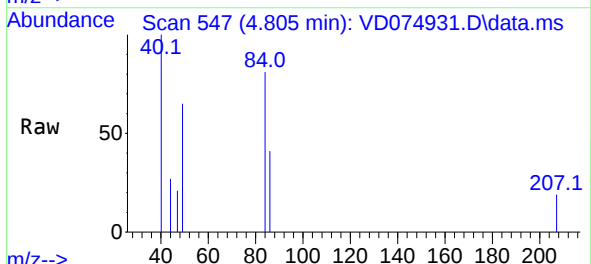
Instrument :
MSVOA_D
ClientSampleId :
SB-36RE

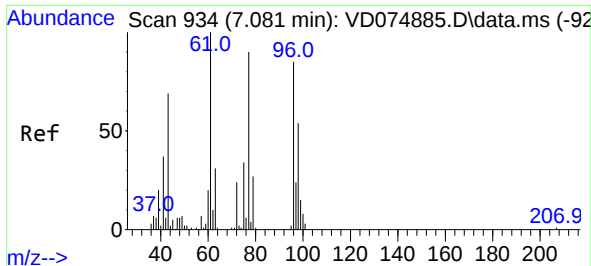
Tgt Ion: 94 Resp: 397
Ion Ratio Lower Upper
94 100
96 56.7 74.6 112.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD074931.D
Acq: 14 Nov 2022 13:40

Tgt Ion: 84 Resp: 1674
Ion Ratio Lower Upper
84 100
49 79.5 68.0 102.0
51 0.0 23.2 34.8#
86 50.5 48.0 72.0

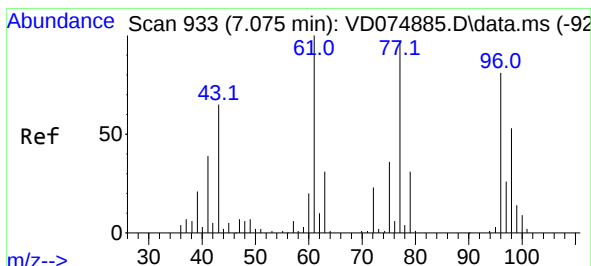
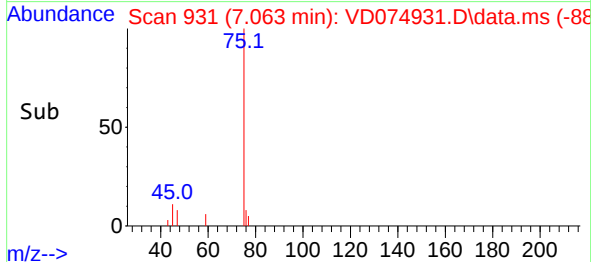
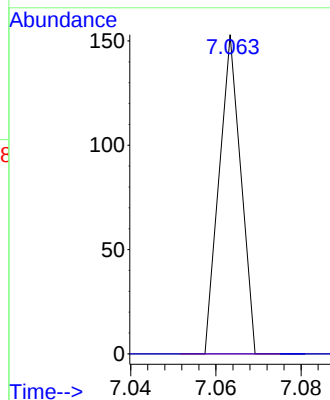
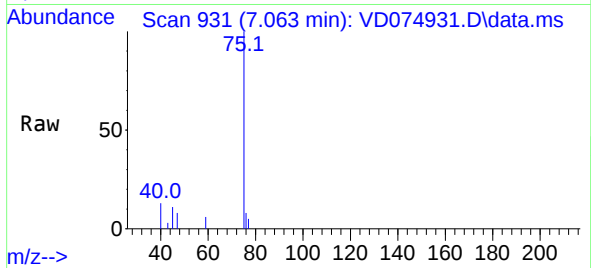




#25
2-Butanone
Concen: 2.353 ug/l
RT: 7.063 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD074931.D
Acq: 14 Nov 2022 13:40

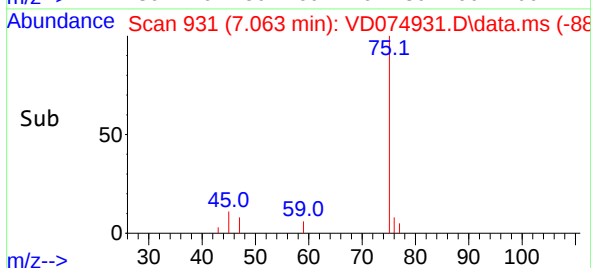
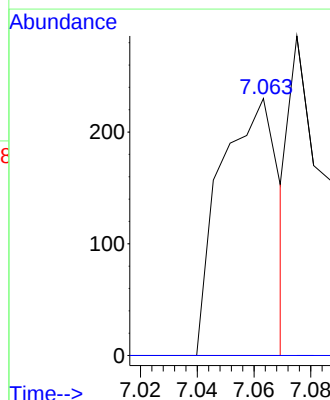
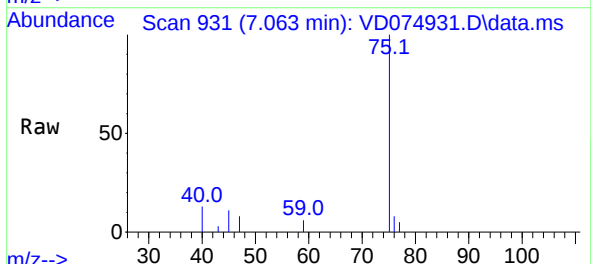
Instrument :
MSVOA_D
ClientSampleId :
SB-36RE

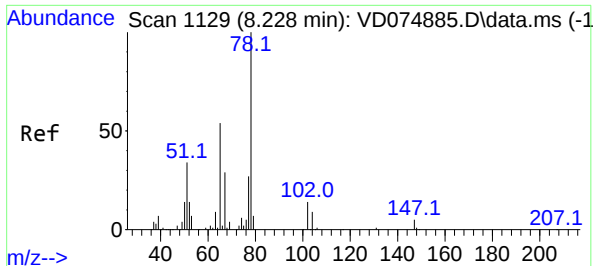
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#



#26
2,2-Dichloropropane
Concen: 1.851 ug/l
RT: 7.063 min Scan# 931
Delta R.T. -0.012 min
Lab File: VD074931.D
Acq: 14 Nov 2022 13:40

Tgt Ion: 77 Resp: 327
Ion Ratio Lower Upper
77 100
97 0.0 12.5 37.5#





#33

1,2-Dichloroethane-d4

Concen: 173.931 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074931.D

Acq: 14 Nov 2022 13:40

Instrument :

MSVOA_D

ClientSampleId :

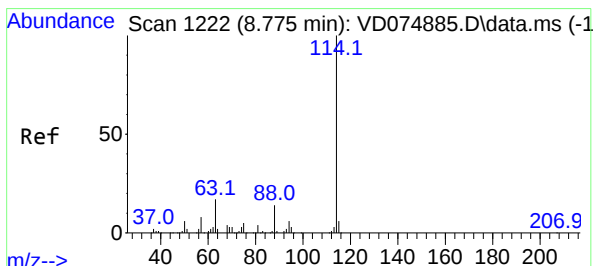
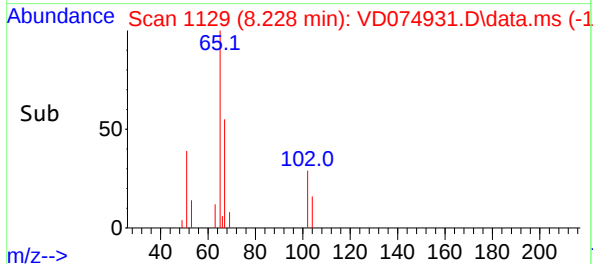
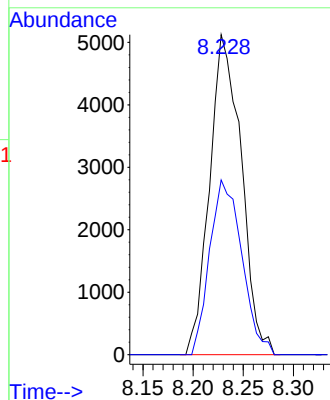
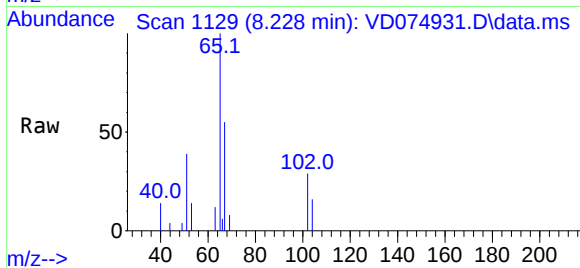
SB-36RE

Tgt Ion: 65 Resp: 11249

Ion Ratio Lower Upper

65 100

67 55.5 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD074931.D

Acq: 14 Nov 2022 13:40

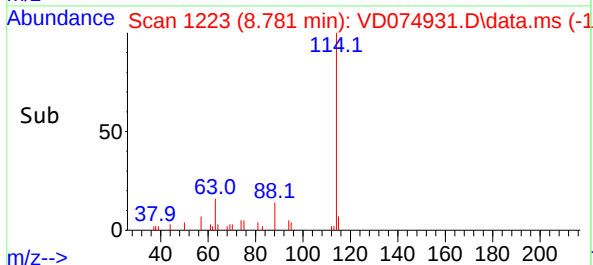
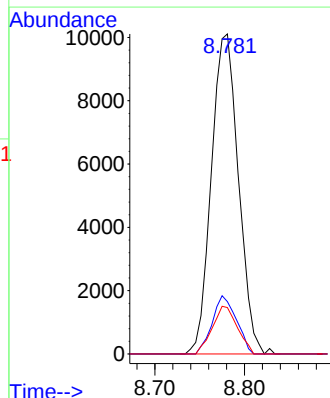
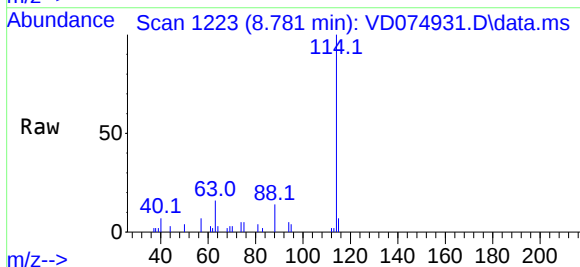
Tgt Ion: 114 Resp: 21188

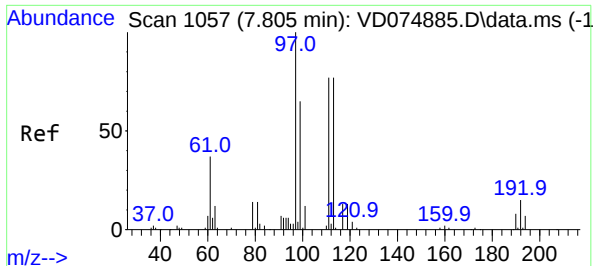
Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.2

88 14.5 0.0 28.2





#35

Dibromofluoromethane

Concen: 71.442 ug/l

RT: 7.804 min Scan# 1069

Delta R.T. -0.001 min

Lab File: VD074931.D

Acq: 14 Nov 2022 13:40

Instrument :

MSVOA_D

ClientSampleId :

SB-36RE

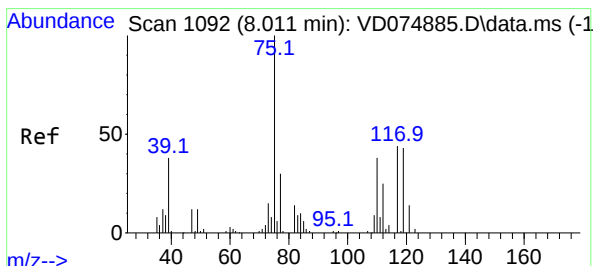
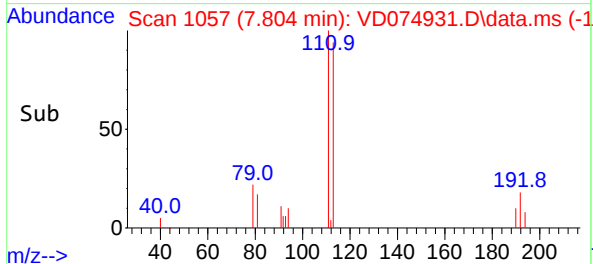
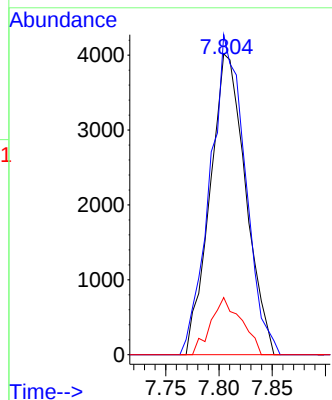
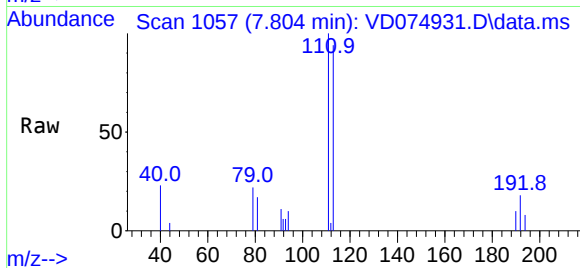
Tgt Ion:113 Resp: 9331

Ion Ratio Lower Upper

113 100

111 105.3 82.3 123.5

192 16.4 16.4 24.6#



#36

1,1-Dichloropropene

Concen: 3.839 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.136 min

Lab File: VD074931.D

Acq: 14 Nov 2022 13:40

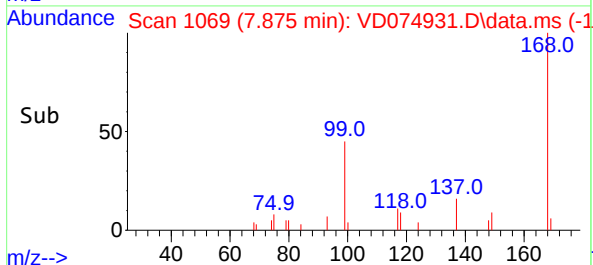
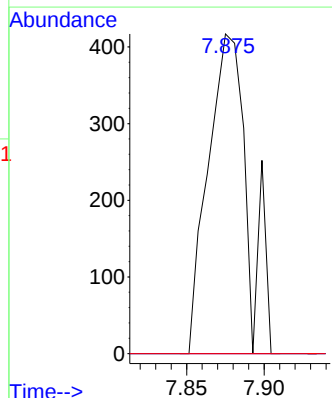
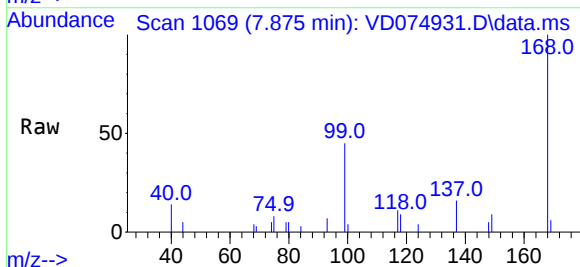
Tgt Ion: 75 Resp: 737

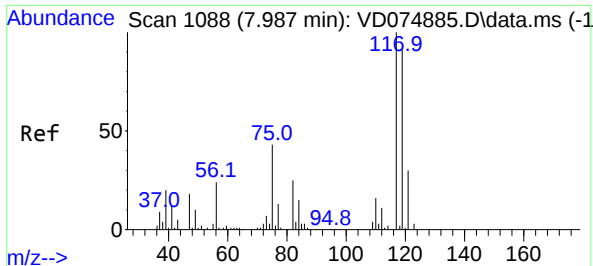
Ion Ratio Lower Upper

75 100

110 0.0 19.7 59.0#

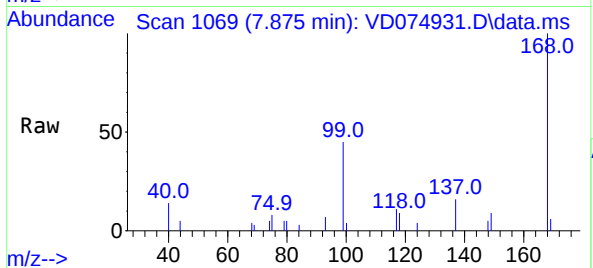
77 0.0 25.4 38.2#



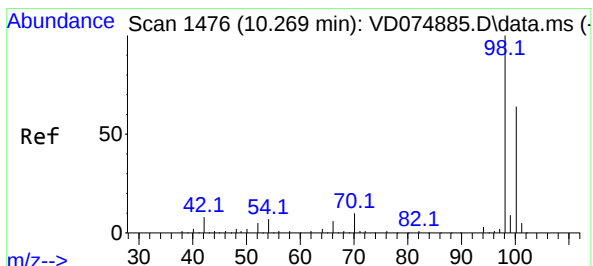
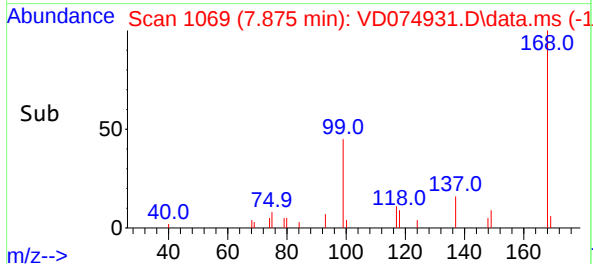
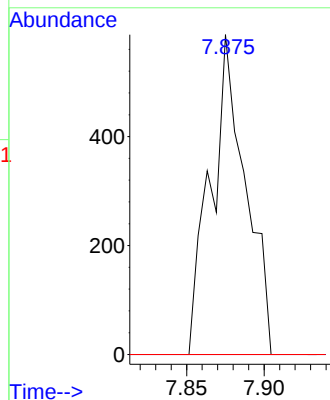


#38
Carbon Tetrachloride
Concen: 5.064 ug/l
RT: 7.875 min Scan# 1088
Delta R.T. -0.112 min
Lab File: VD074931.D
Acq: 14 Nov 2022 13:40

Instrument :
MSVOA_D
ClientSampleId :
SB-36RE

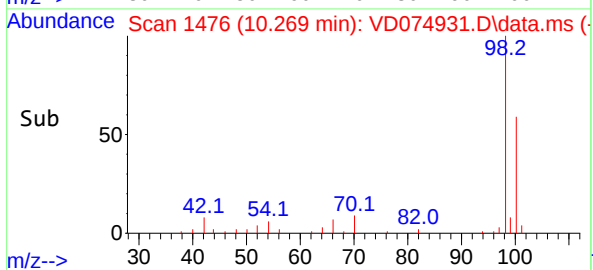
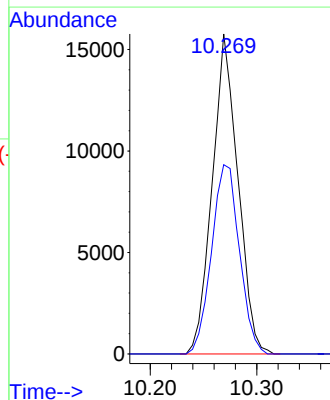
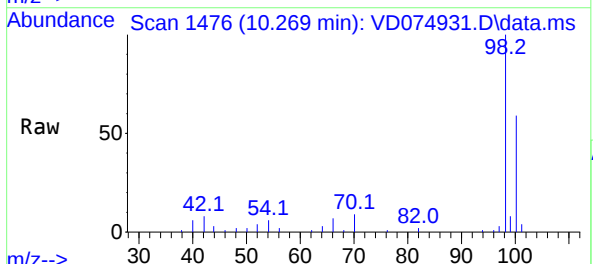


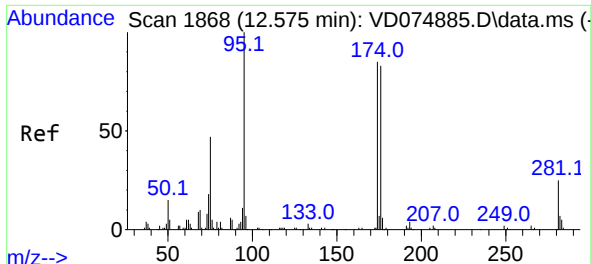
Tgt Ion:117 Resp: 915
Ion Ratio Lower Upper
117 100
119 0.0 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 61.246 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074931.D
Acq: 14 Nov 2022 13:40

Tgt Ion: 98 Resp: 26350
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0

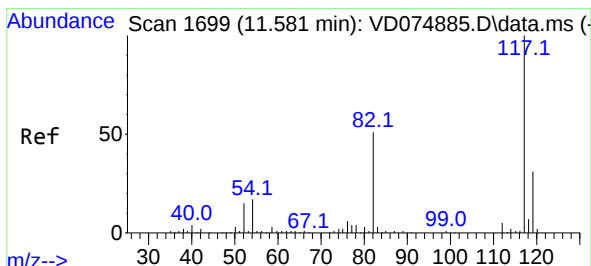
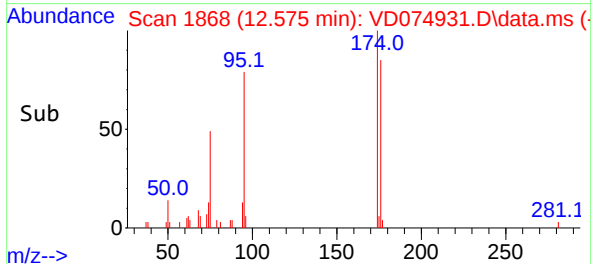
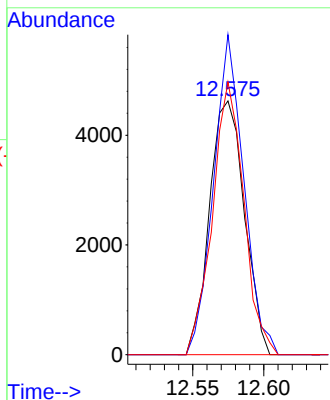
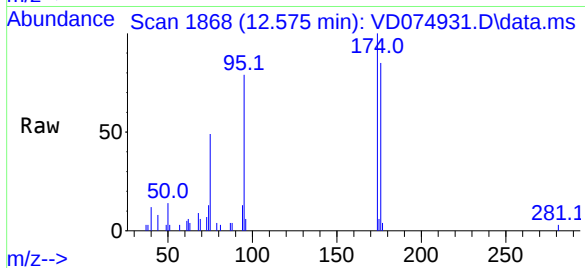




#62
4-Bromofluorobenzene
Concen: 59.958 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074931.D
Acq: 14 Nov 2022 13:40

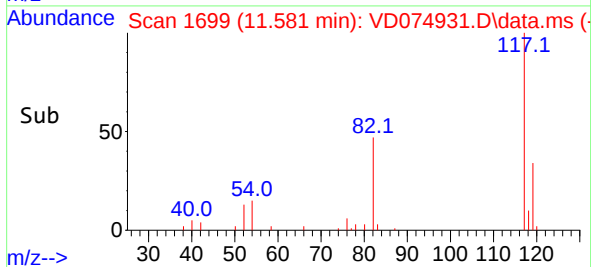
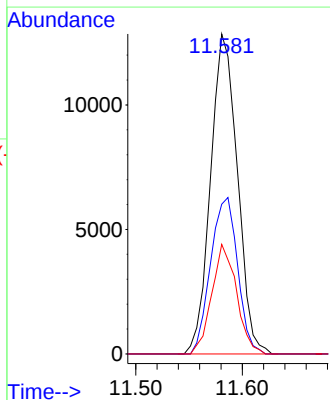
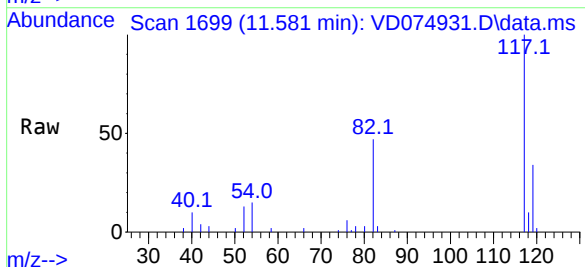
Instrument :
MSVOA_D
ClientSampleId :
SB-36RE

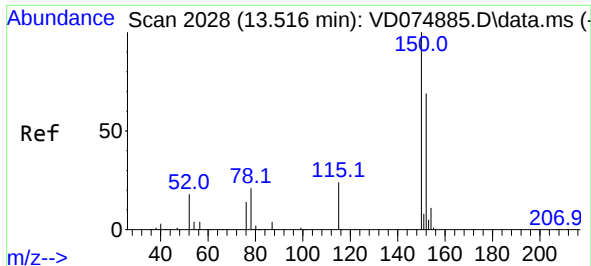
Tgt Ion:	95	Resp:	7921
Ion	Ratio	Lower	Upper
95	100		
174	109.3	0.0	197.0
176	96.5	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074931.D
Acq: 14 Nov 2022 13:40

Tgt Ion:	117	Resp:	22497
Ion	Ratio	Lower	Upper
117	100		
82	46.8	41.6	62.4
119	34.3	25.2	37.8

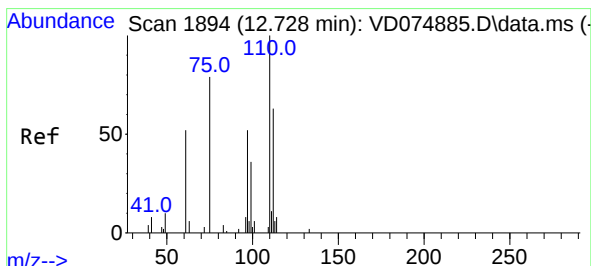
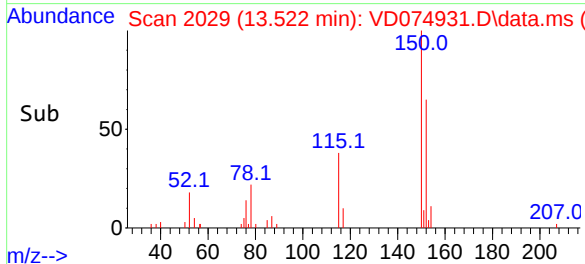
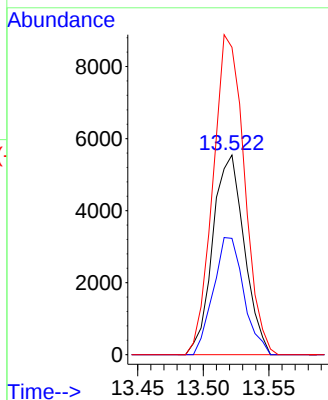
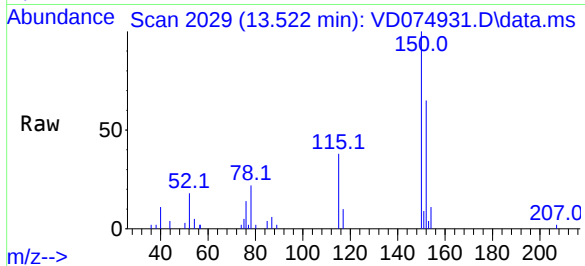




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD074931.D
Acq: 14 Nov 2022 13:40

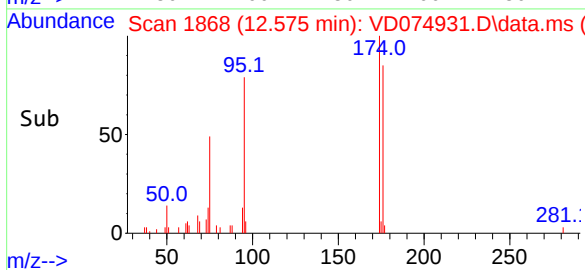
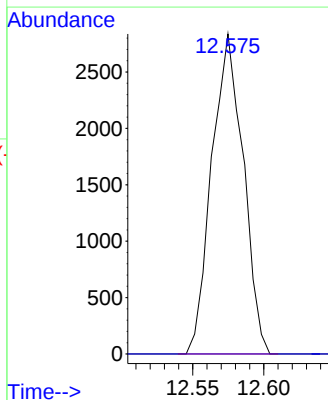
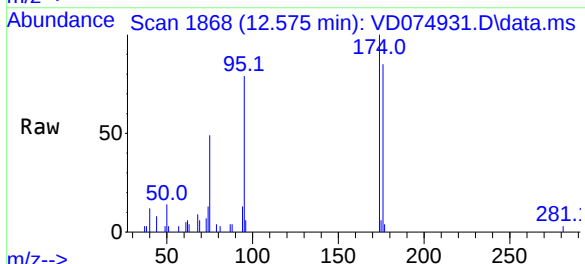
Instrument :
MSVOA_D
ClientSampleId :
SB-36RE

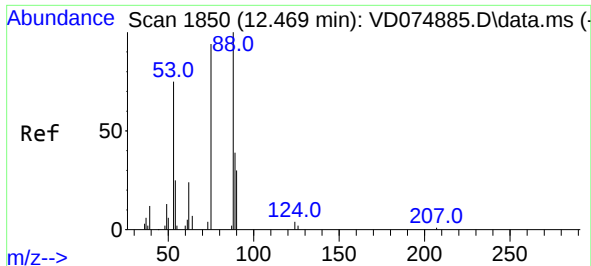
Tgt Ion:152 Resp: 9265
Ion Ratio Lower Upper
152 100
115 56.5 26.8 80.4
150 159.4 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 56.560 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD074931.D
Acq: 14 Nov 2022 13:40

Tgt Ion: 75 Resp: 4383
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#

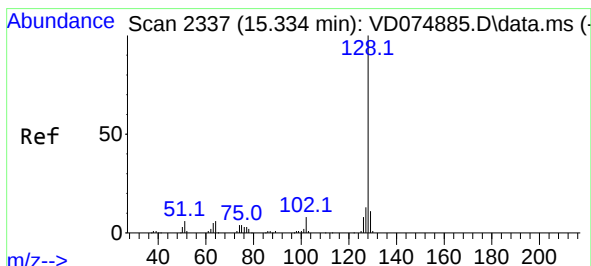
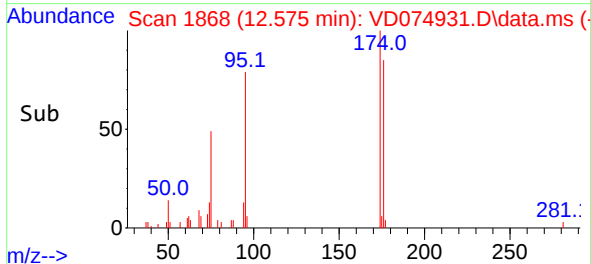
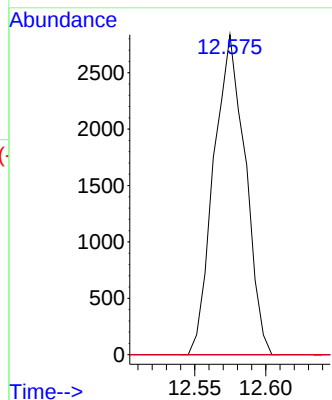
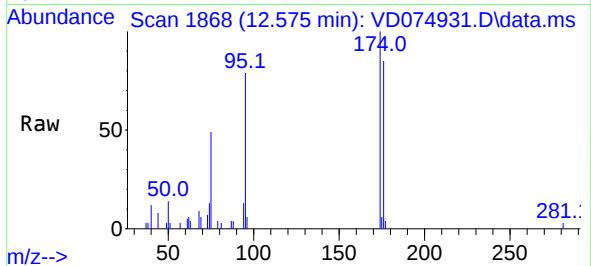




#81
trans-1,4-Dichloro-2-butene
Concen: 139.140 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074931.D
Acq: 14 Nov 2022 13:40

Instrument :
MSVOA_D
ClientSampleId :
SB-36RE

Tgt Ion: 75 Resp: 4383
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#



#95
Naphthalene
Concen: 1.043 ug/l
RT: 15.339 min Scan# 2338
Delta R.T. 0.005 min
Lab File: VD074931.D
Acq: 14 Nov 2022 13:40

Tgt Ion:128 Resp: 311
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.3 12.5#

