

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092622\
 Data File : VD074422.D
 Acq On : 26 Sep 2022 16:42
 Operator : VA/SY
 Sample : VD0926SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0926SBL01

Quant Time: Sep 27 03:24:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 03:19:14 2022
 Response via : Initial Calibration

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

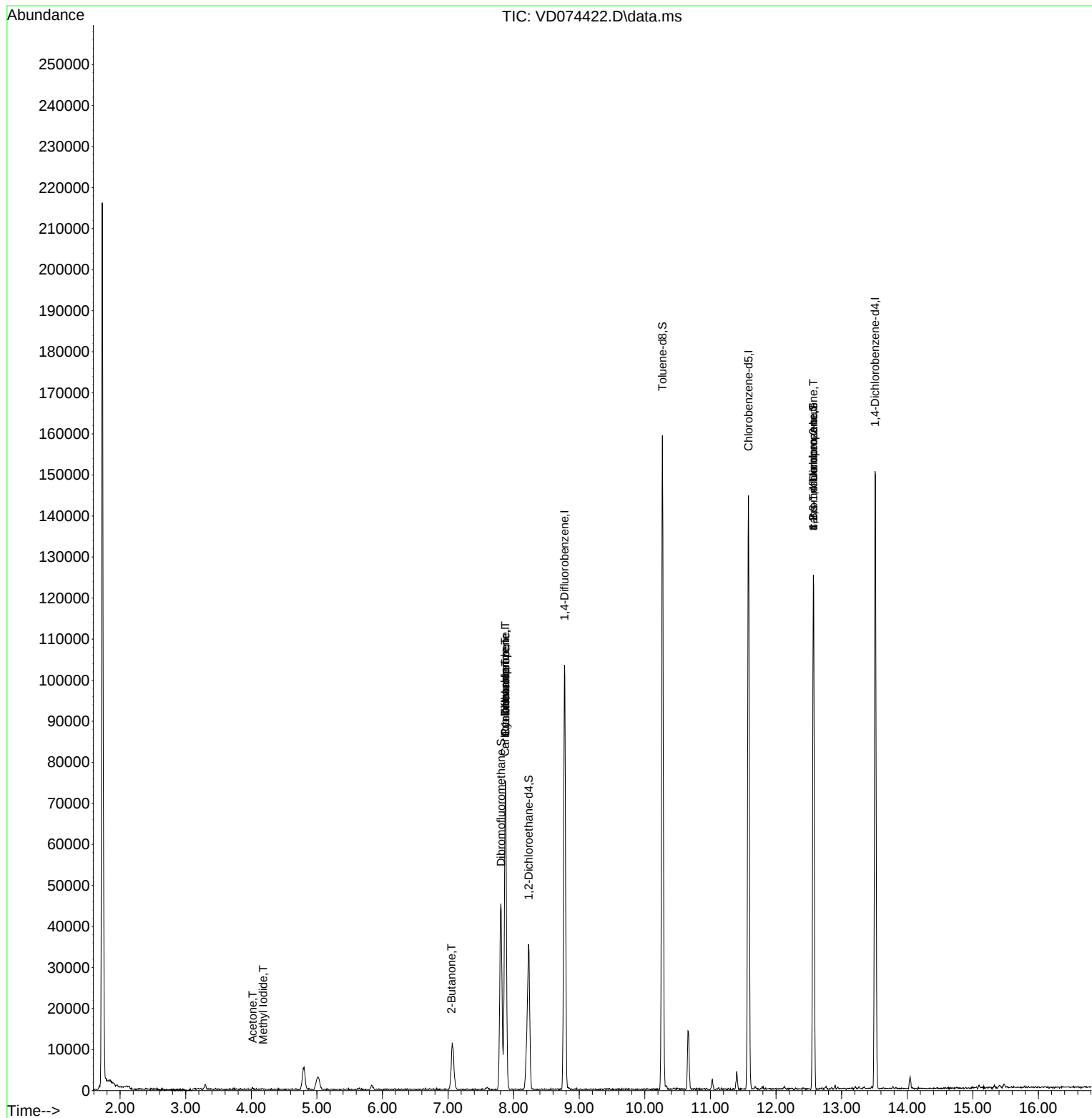
Internal Standards						
1) Pentafluorobenzene	7.875	168	62194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	100145	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	91265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	44427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	26498	49.487	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.980%
35) Dibromofluoromethane	7.810	113	34163	50.729	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.460%
50) Toluene-d8	10.269	98	117745	51.701	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.400%
62) 4-Bromofluorobenzene	12.569	95	37048	46.133	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.260%
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	289	Below Cal	#	37
10) Methyl Iodide	4.181	142	329	7.599	ug/l #	43
11) Tert butyl alcohol	5.016	59	3392	Below Cal	#	84
16) Acetone	4.022	43	201	1.935	ug/l #	37
20) Methylene Chloride	4.811	84	4956	Below Cal		96
25) 2-Butanone	7.052	43	275	1.932	ug/l #	42
31) Cyclohexane	7.875	56	1070	1.177	ug/l #	40
36) 1,1-Dichloropropene	7.875	75	4136	4.548	ug/l #	46
38) Carbon Tetrachloride	7.869	117	5796	6.660	ug/l #	14
76) 1,2,3-Trichloropropane	12.569	75	18819	54.158	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	18819	132.158	ug/l #	17

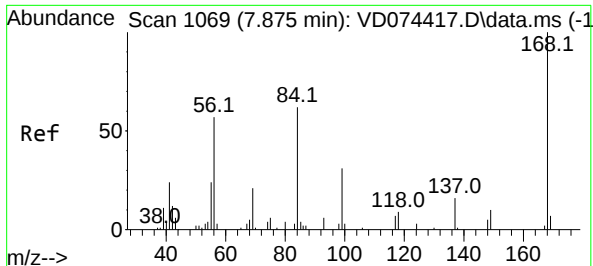
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092622\
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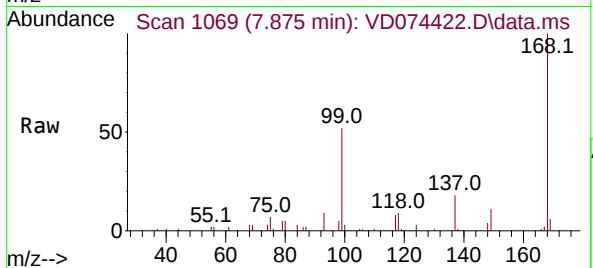
Quant Time: Sep 27 03:24:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 27 03:19:14 2022
Response via : Initial Calibration



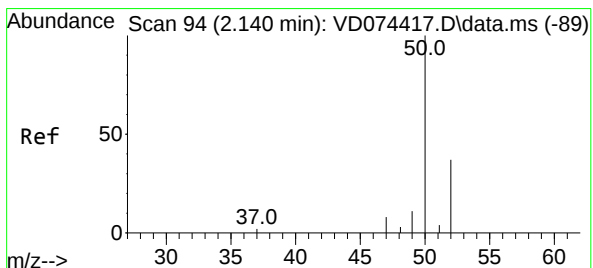
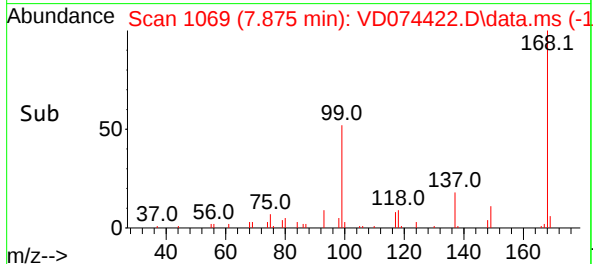
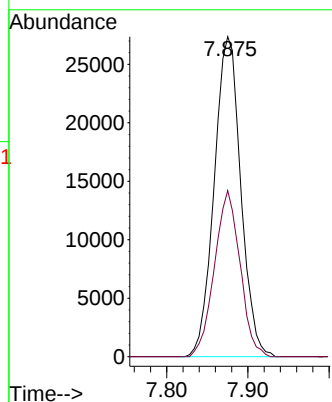


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074422.D
Acq: 26 Sep 2022 16:42

Instrument :
MSVOA_D
ClientSampleId :
VD0926SBL01

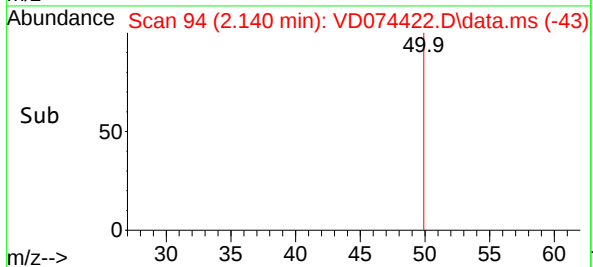
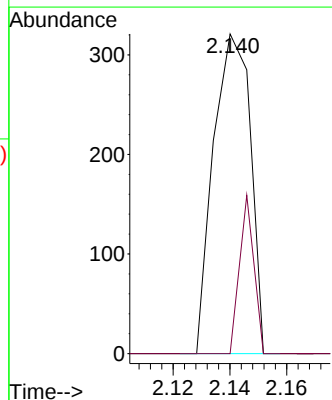
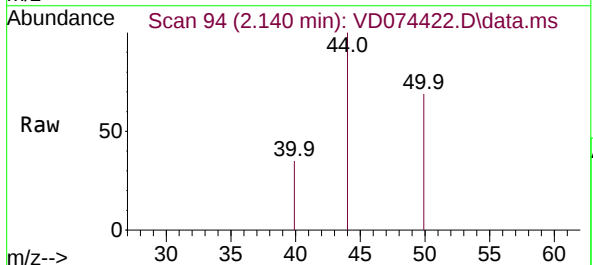


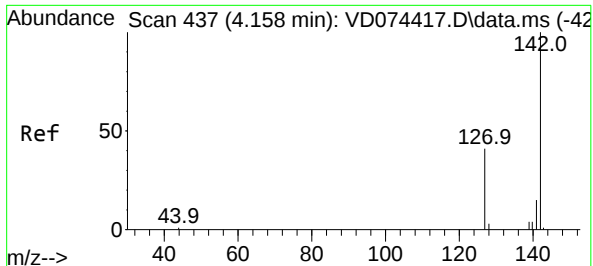
Tgt Ion:168 Resp: 62194
Ion Ratio Lower Upper
168 100
99 51.9 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. 0.000 min
Lab File: VD074422.D
Acq: 26 Sep 2022 16:42

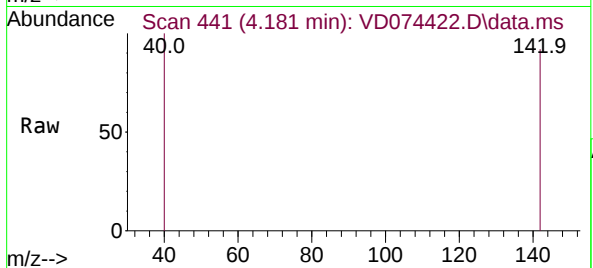
Tgt Ion: 50 Resp: 289
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#



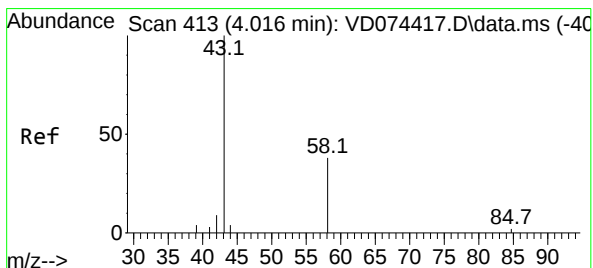
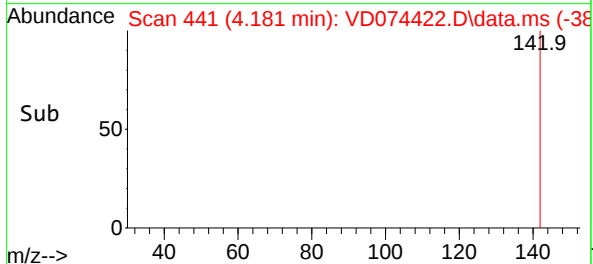
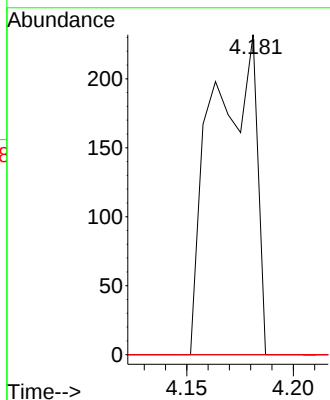


#10
Methyl Iodide
Concen: 7.599 ug/l
RT: 4.181 min Scan# 411
Delta R.T. 0.023 min
Lab File: VD074422.D
Acq: 26 Sep 2022 16:42

Instrument :
MSVOA_D
ClientSampleId :
VD0926SBL01

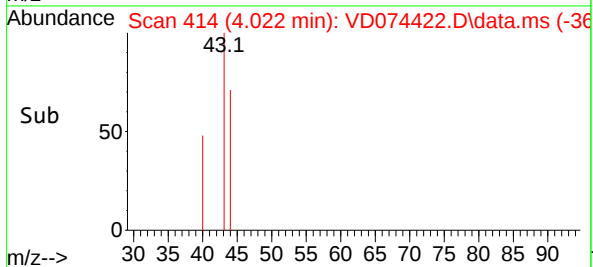
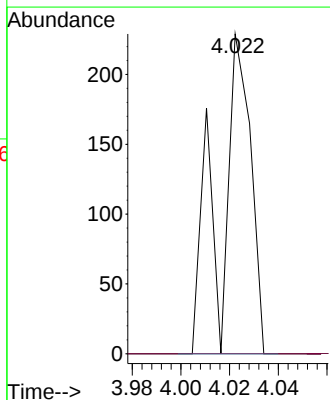
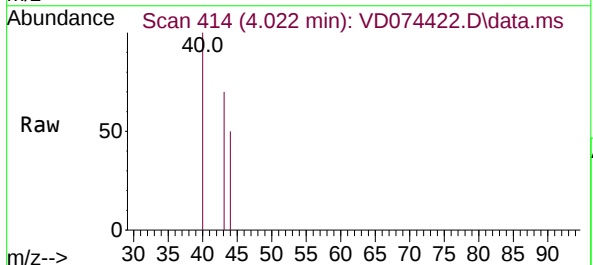


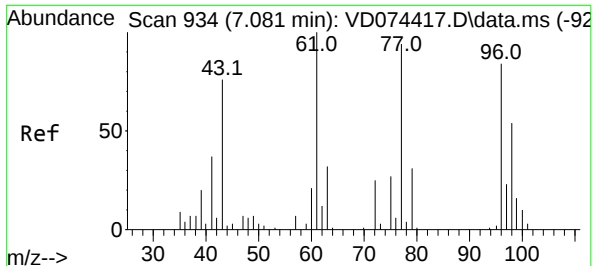
Tgt Ion:142 Resp: 329
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#16
Acetone
Concen: 1.935 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD074422.D
Acq: 26 Sep 2022 16:42

Tgt Ion: 43 Resp: 201
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#

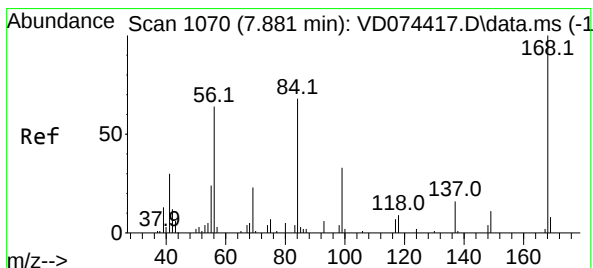
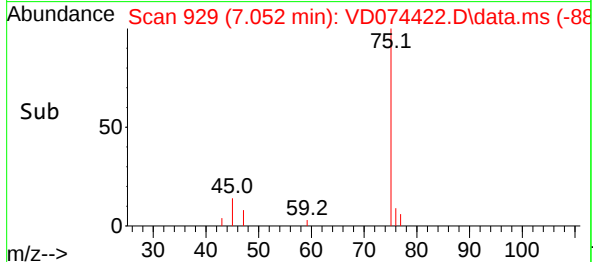
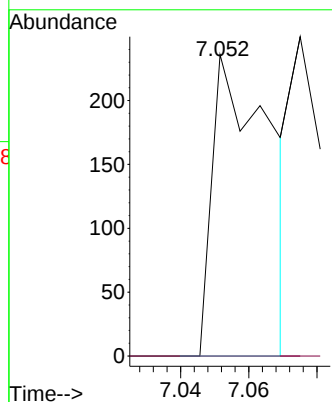
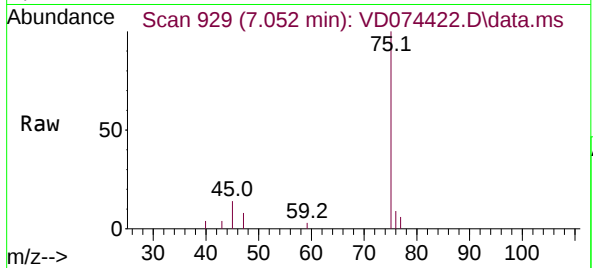




#25
2-Butanone
Concen: 1.932 ug/l
RT: 7.052 min Scan# 91
Delta R.T. -0.029 min
Lab File: VD074422.D
Acq: 26 Sep 2022 16:42

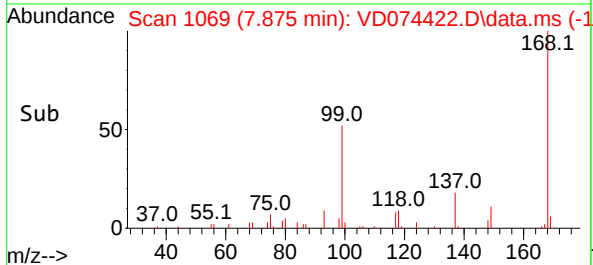
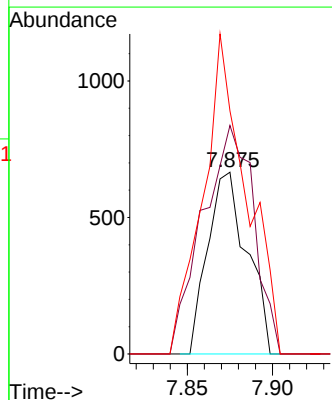
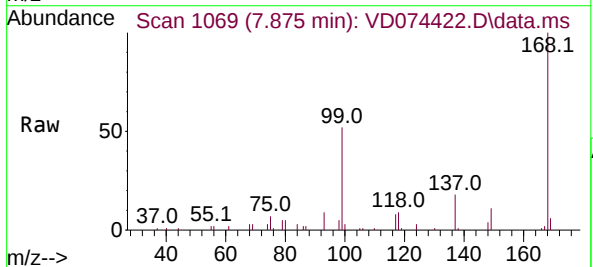
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBL01

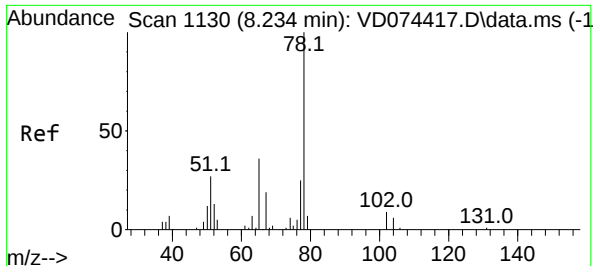
Tgt Ion: 43 Resp: 275
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#



#31
Cyclohexane
Concen: 1.177 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD074422.D
Acq: 26 Sep 2022 16:42

Tgt Ion: 56 Resp: 1070
Ion Ratio Lower Upper
56 100
69 125.7 29.2 43.8#
84 133.6 83.4 125.2#





#33

1,2-Dichloroethane-d4

Concen: 49.487 ug/l

RT: 8.228 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VD074422.D

Acq: 26 Sep 2022 16:42

Instrument :

MSVOA_D

ClientSampleId :

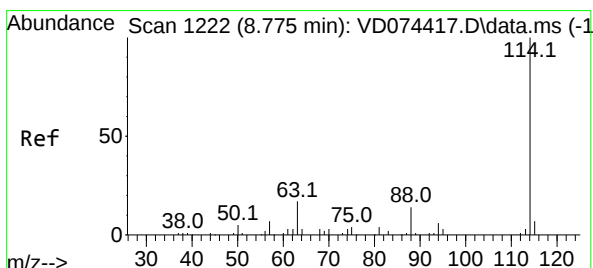
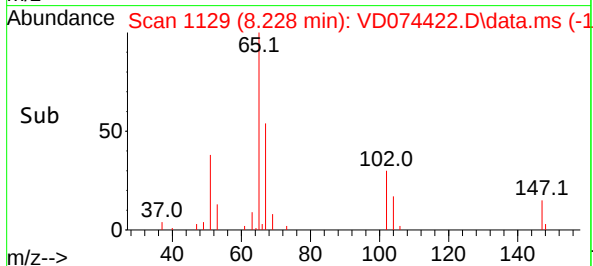
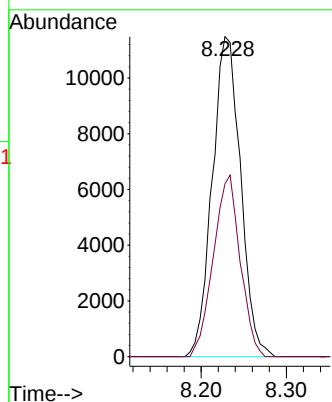
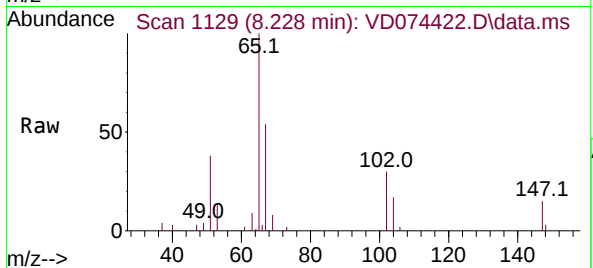
VD0926SBL01

Tgt Ion: 65 Resp: 26498

Ion Ratio Lower Upper

65 100

67 53.8 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD074422.D

Acq: 26 Sep 2022 16:42

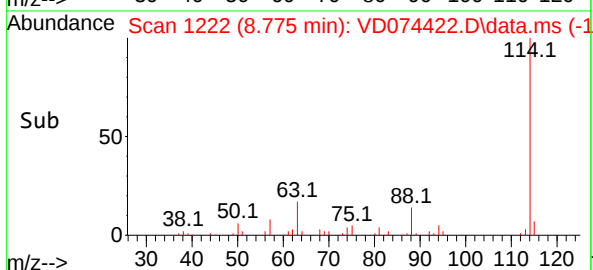
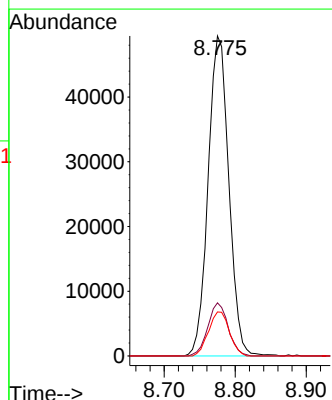
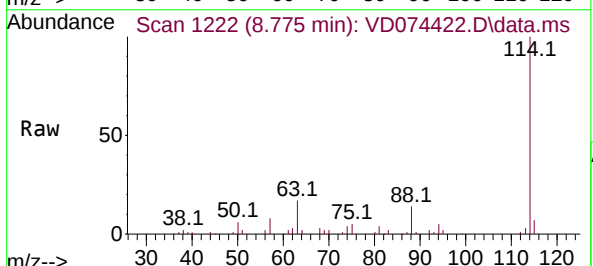
Tgt Ion: 114 Resp: 100145

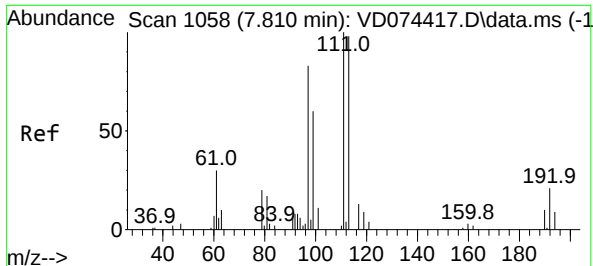
Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.2

88 13.7 0.0 28.2





#35

Dibromofluoromethane

Concen: 50.729 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD074422.D

Acq: 26 Sep 2022 16:42

Instrument :

MSVOA_D

ClientSampleId :

VD0926SBL01

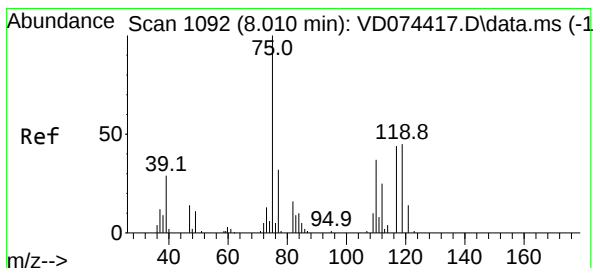
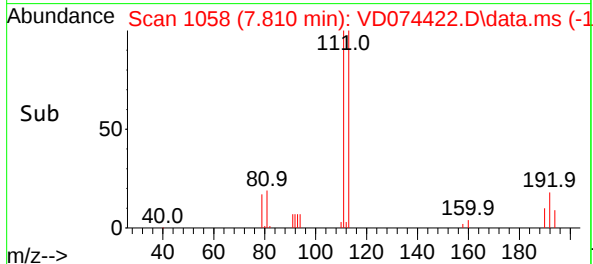
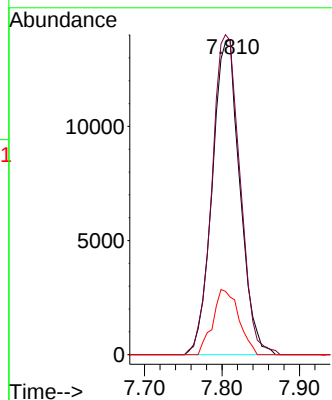
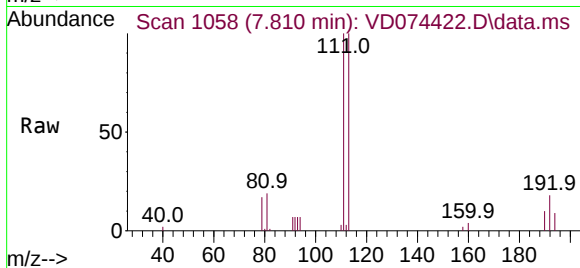
Tgt Ion:113 Resp: 34163

Ion Ratio Lower Upper

113 100

111 103.2 82.3 123.5

192 19.4 16.4 24.6



#36

1,1-Dichloropropene

Concen: 4.548 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD074422.D

Acq: 26 Sep 2022 16:42

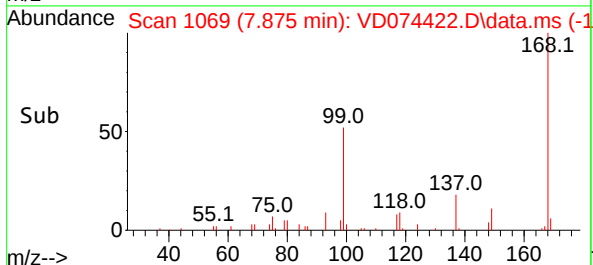
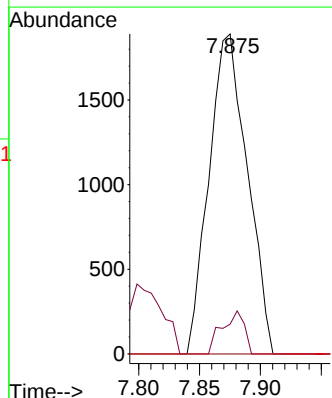
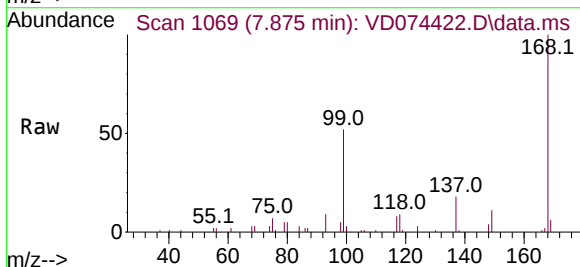
Tgt Ion: 75 Resp: 4136

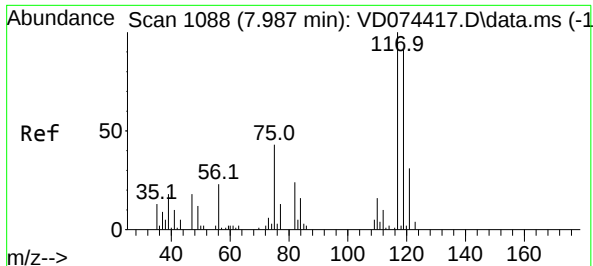
Ion Ratio Lower Upper

75 100

110 7.8 19.7 59.0#

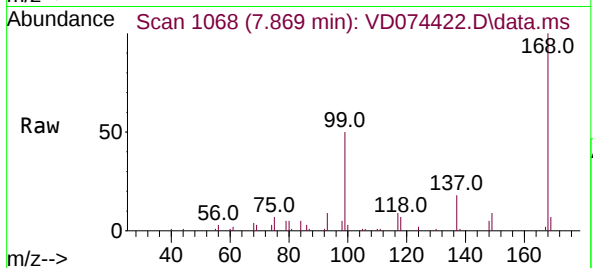
77 0.0 25.4 38.2#



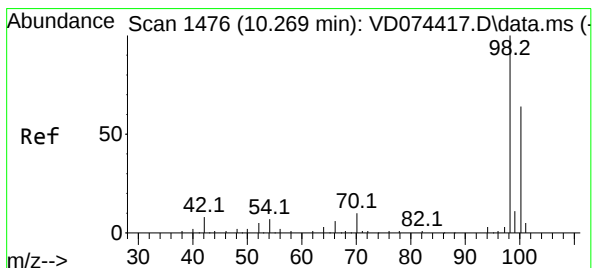
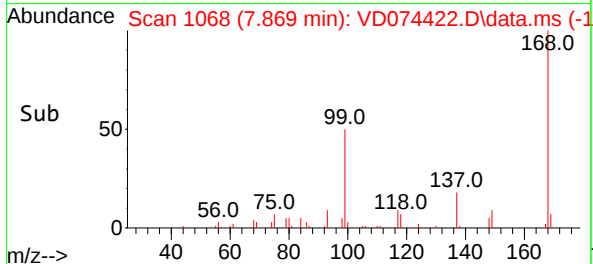
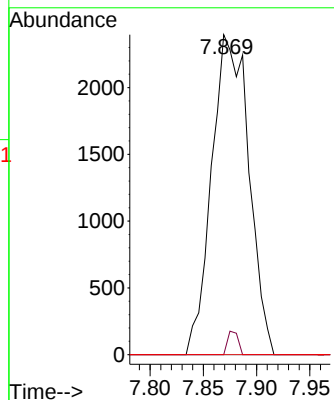


#38
Carbon Tetrachloride
Concen: 6.660 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.118 min
Lab File: VD074422.D
Acq: 26 Sep 2022 16:42

Instrument :
MSVOA_D
ClientSampleId :
VD0926SBL01

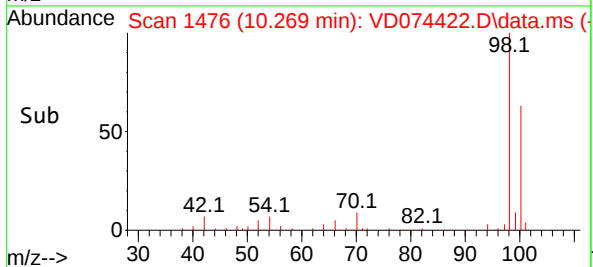
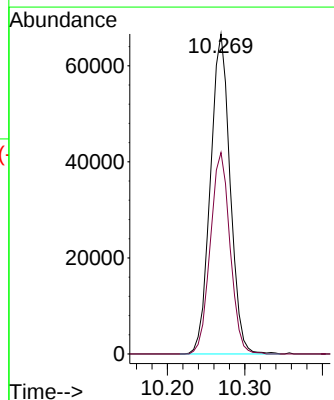
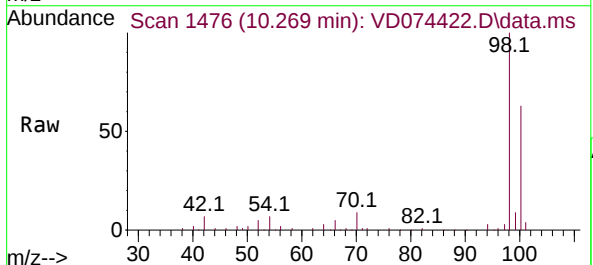


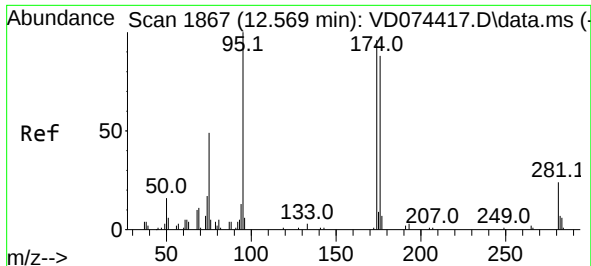
Tgt Ion:117 Resp: 5796
Ion Ratio Lower Upper
117 100
119 0.0 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 51.701 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074422.D
Acq: 26 Sep 2022 16:42

Tgt Ion: 98 Resp: 117745
Ion Ratio Lower Upper
98 100
100 62.9 51.4 77.0

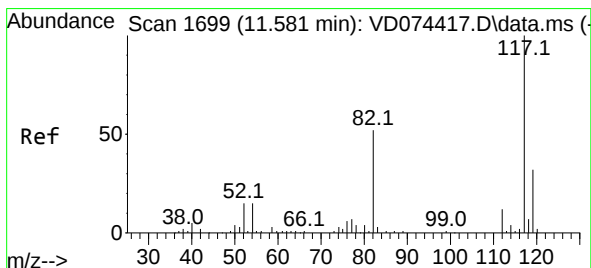
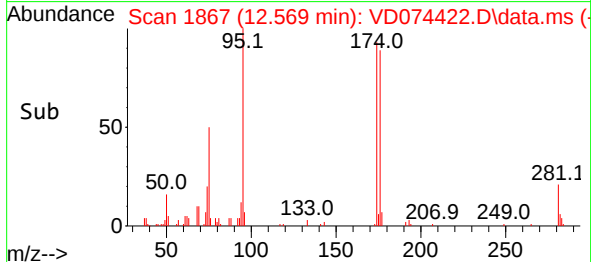
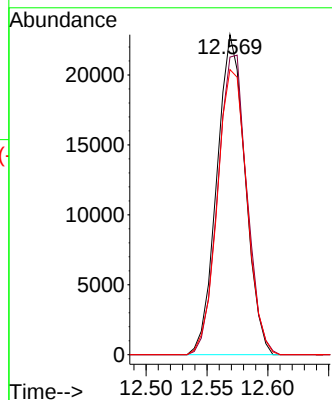
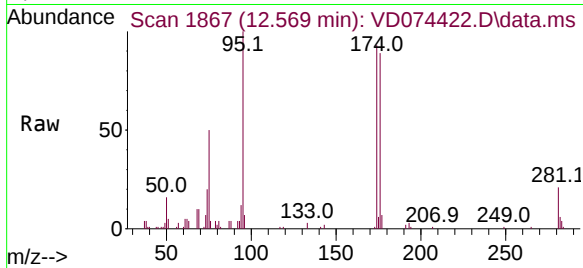




#62
4-Bromofluorobenzene
Concen: 46.133 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074422.D
Acq: 26 Sep 2022 16:42

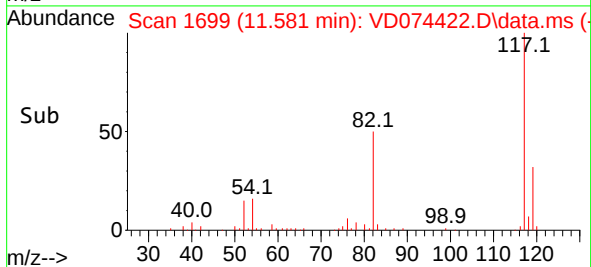
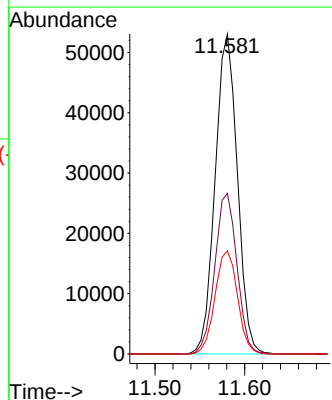
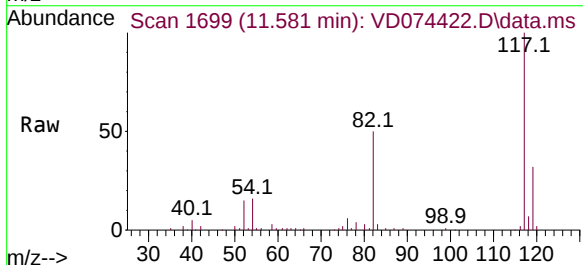
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBL01

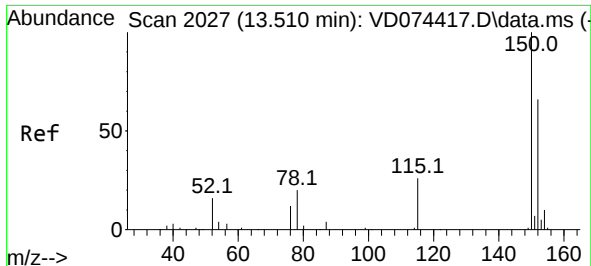
Tgt Ion: 95 Resp: 37048
Ion Ratio Lower Upper
95 100
174 96.1 0.0 197.0
176 92.9 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD074422.D
Acq: 26 Sep 2022 16:42

Tgt Ion: 117 Resp: 91265
Ion Ratio Lower Upper
117 100
82 50.2 41.6 62.4
119 32.2 25.2 37.8

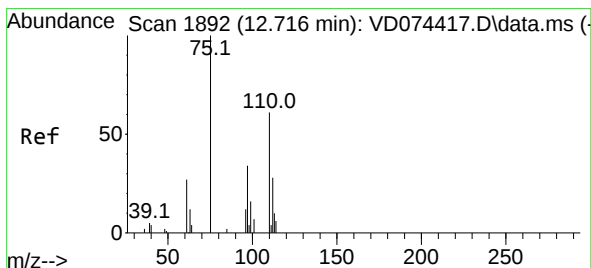
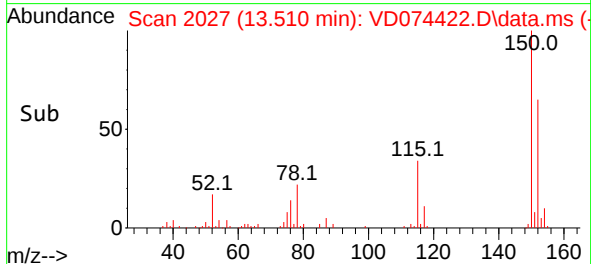
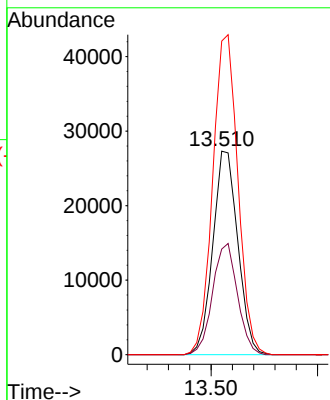
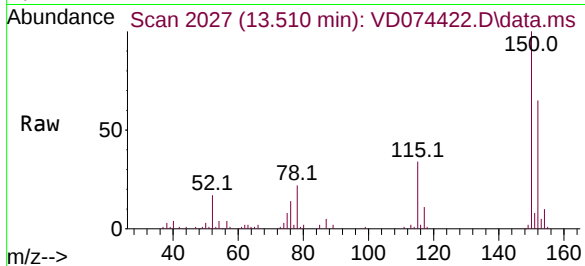




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD074422.D
 Acq: 26 Sep 2022 16:42

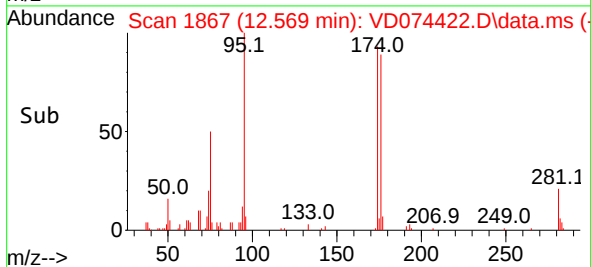
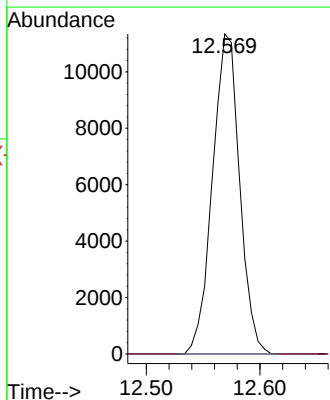
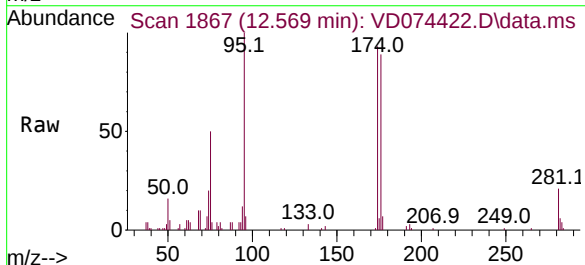
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0926SBL01

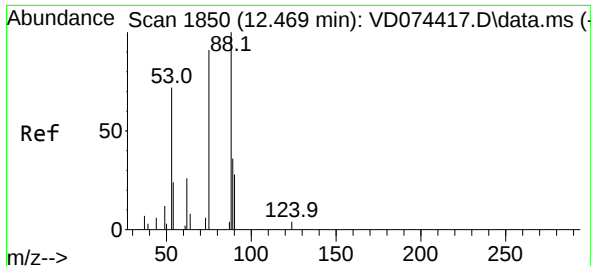
Tgt Ion:152 Resp: 44427
 Ion Ratio Lower Upper
 152 100
 115 54.4 26.8 80.4
 150 157.9 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 54.158 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.147 min
 Lab File: VD074422.D
 Acq: 26 Sep 2022 16:42

Tgt Ion: 75 Resp: 18819
 Ion Ratio Lower Upper
 75 100
 77 0.0 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.158 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD074422.D
 Acq: 26 Sep 2022 16:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0926SBL01

Tgt Ion: 75 Resp: 18819
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.6#
 89 0.0 38.2 57.4#

