

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092122\
 Data File : VD074385.D
 Acq On : 21 Sep 2022 13:21
 Operator : VA/SY
 Sample : N4641-13RE
 Misc : 5.95G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 22 05:12:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

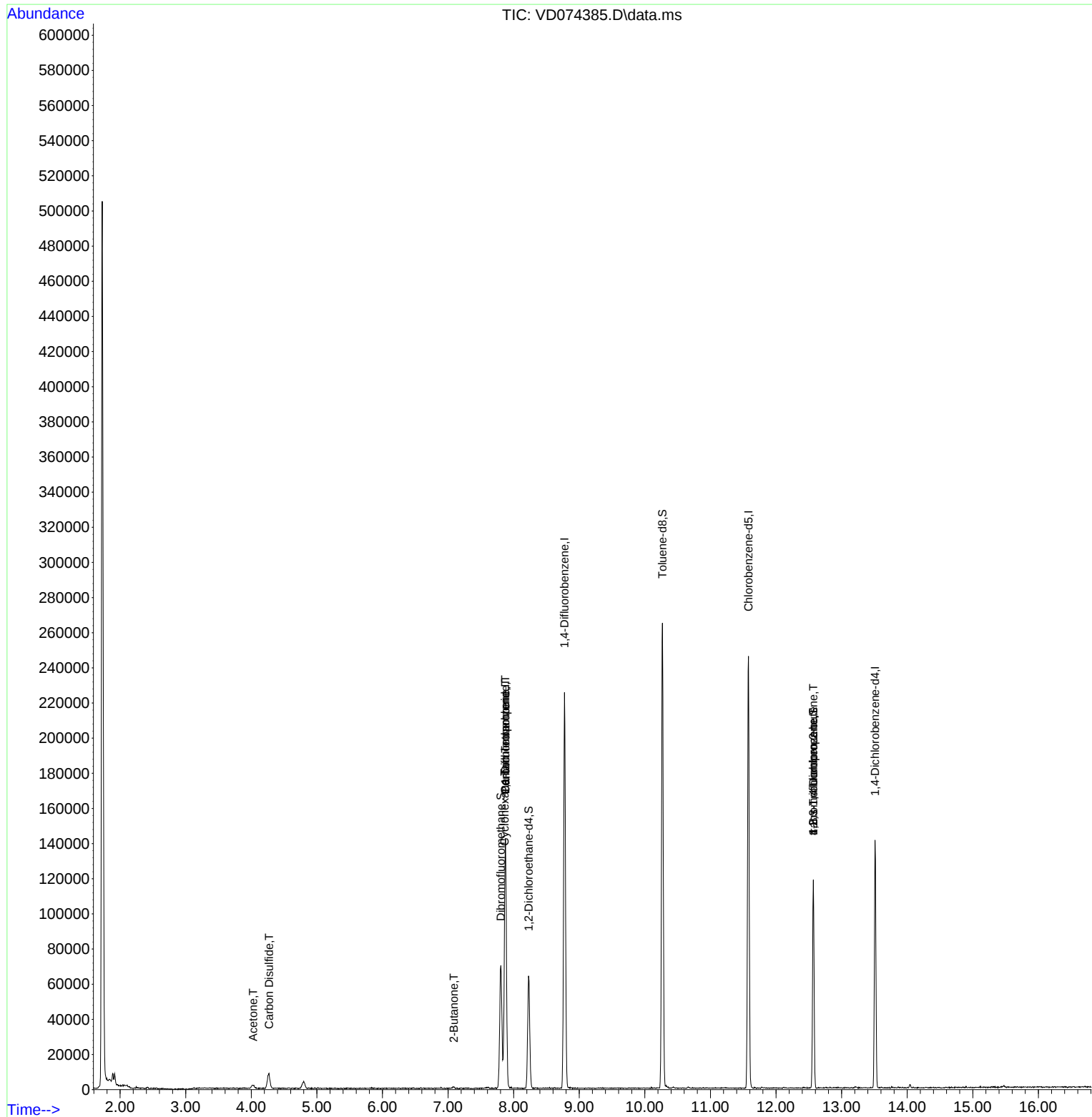
Internal Standards						
1) Pentafluorobenzene	7.875	168	110603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	193178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	140744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	36852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	49377	45.834	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.660%
35) Dibromofluoromethane	7.804	113	51182	40.228	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.460%
50) Toluene-d8	10.269	98	189547	43.177	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.360%
62) 4-Bromofluorobenzene	12.569	95	35838	20.744	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	41.480%
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	3522	14.511	ug/l	92
17) Carbon Disulfide	4.269	76	18259	4.728	ug/l	97
20) Methylene Chloride	4.799	84	3205	Below Cal		96
25) 2-Butanone	7.087	43	605	1.674	ug/l #	48
31) Cyclohexane	7.863	56	2505	1.109	ug/l #	42
36) 1,1-Dichloropropene	7.875	75	8960	4.614	ug/l #	49
38) Carbon Tetrachloride	7.875	117	10657	6.192	ug/l #	14
76) 1,2,3-Trichloropropane	12.569	75	18600	54.551	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	18600	136.719	ug/l #	100

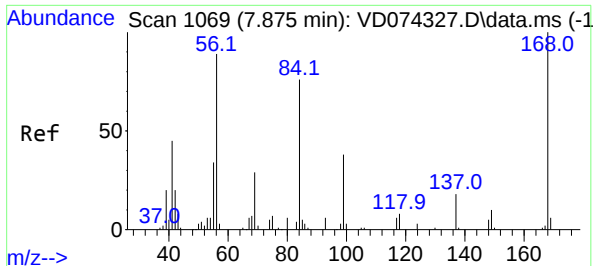
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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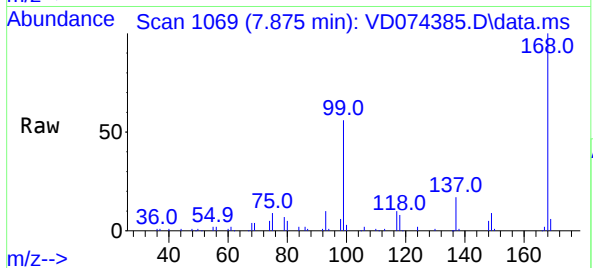
Quant Time: Sep 22 05:12:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
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QLast Update : Sat Sep 17 04:16:54 2022
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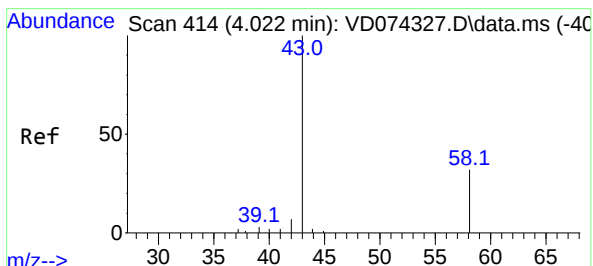
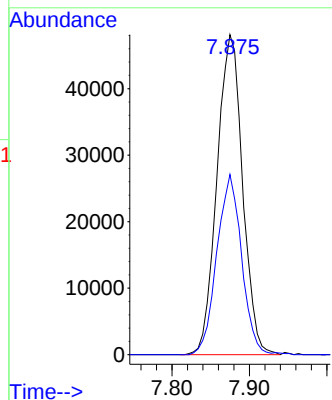
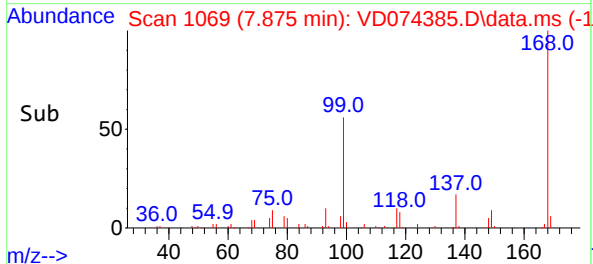


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074385.D
Acq: 21 Sep 2022 13:21

Instrument :
MSVOA_D
ClientSampleId :

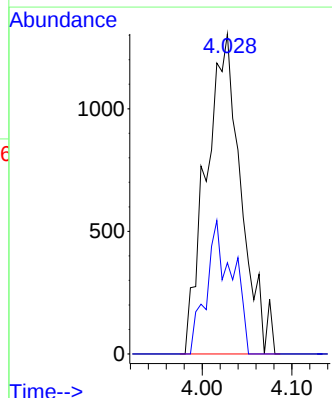
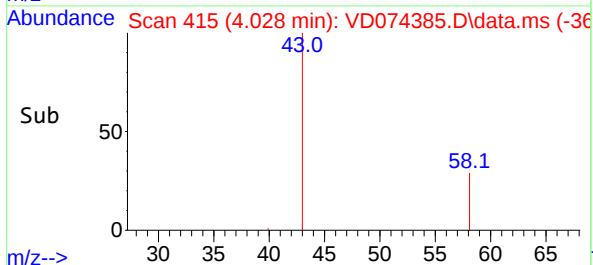
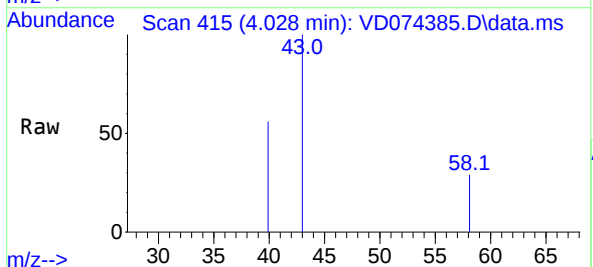


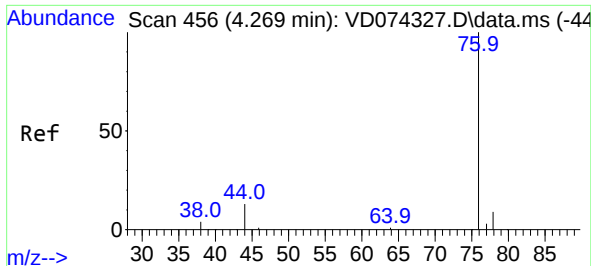
Tgt Ion:168 Resp: 110603
Ion Ratio Lower Upper
168 100
99 56.3 43.0 64.6



#16
Acetone
Concen: 14.511 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD074385.D
Acq: 21 Sep 2022 13:21

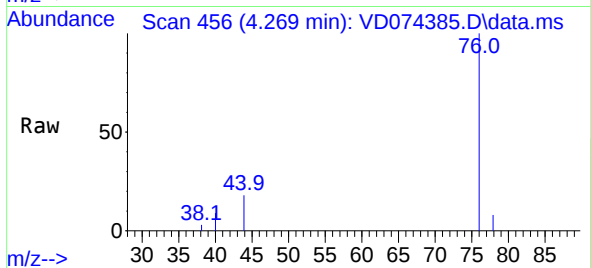
Tgt Ion: 43 Resp: 3522
Ion Ratio Lower Upper
43 100
58 28.5 26.4 39.6



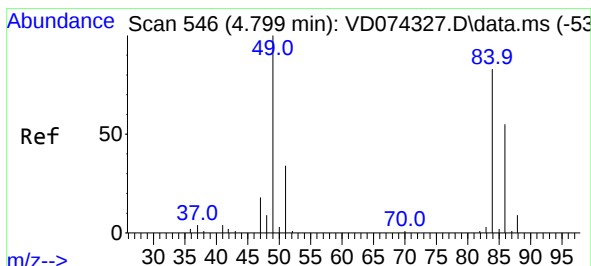
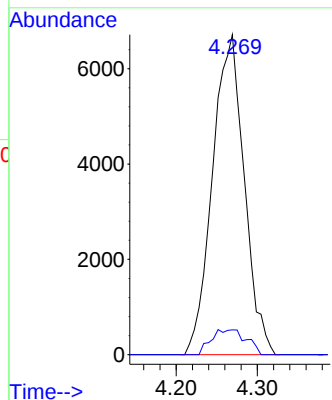
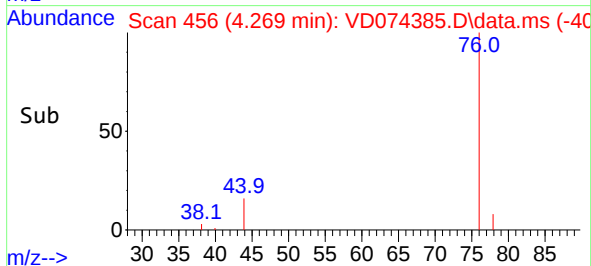


#17
Carbon Disulfide
Concen: 4.728 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD074385.D
Acq: 21 Sep 2022 13:21

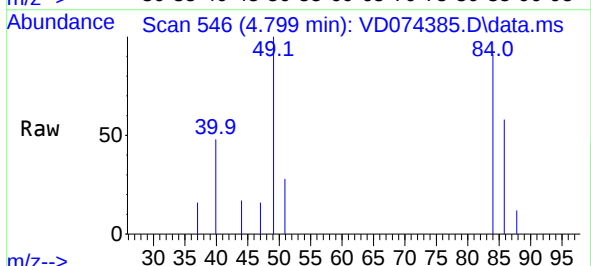
Instrument :
MSVOA_D
ClientSampleId :



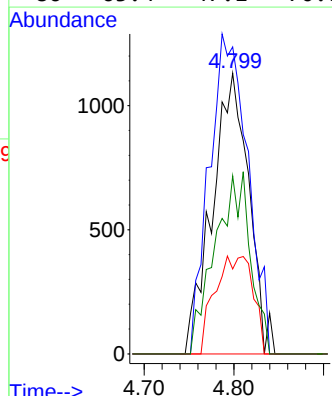
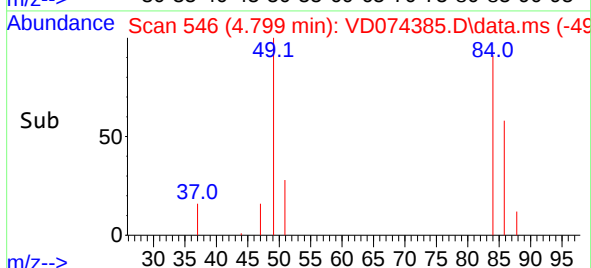
Tgt Ion: 76 Resp: 18259
Ion Ratio Lower Upper
76 100
78 7.7 7.2 10.8

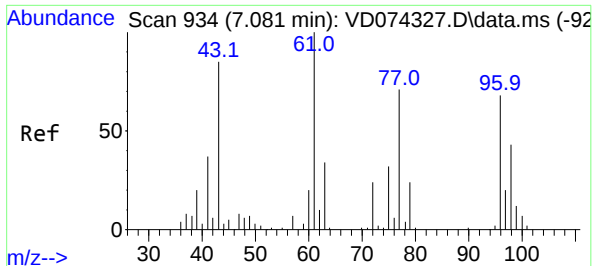


#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074385.D
Acq: 21 Sep 2022 13:21



Tgt Ion: 84 Resp: 3205
Ion Ratio Lower Upper
84 100
49 109.4 88.4 132.6
51 30.2 28.0 42.0
86 63.4 47.1 70.7

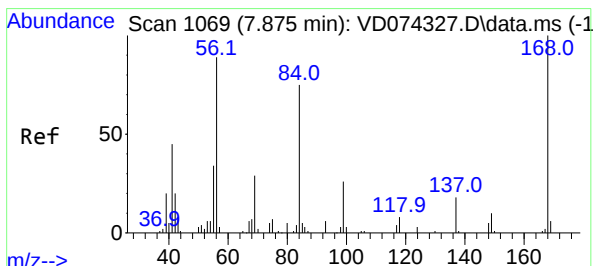
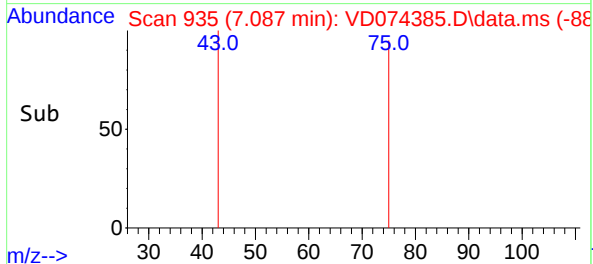
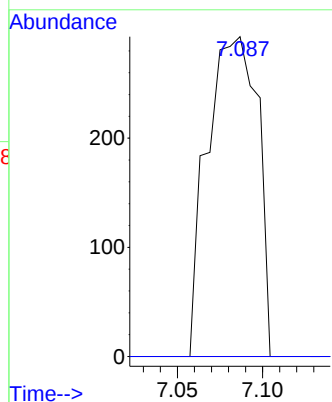
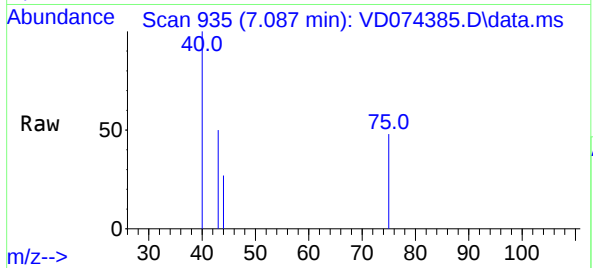




#25
2-Butanone
Concen: 1.674 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074385.D
Acq: 21 Sep 2022 13:21

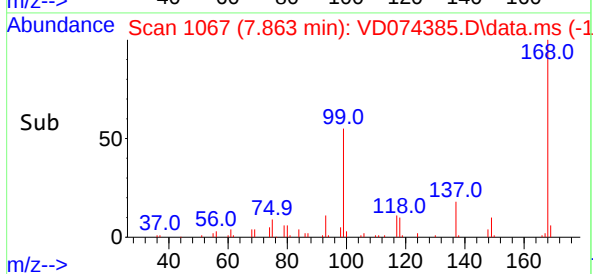
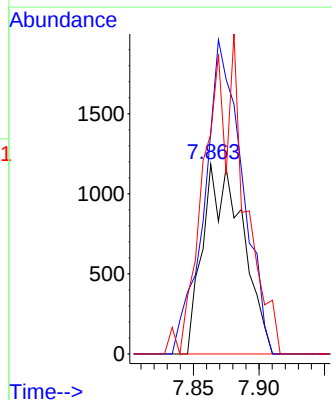
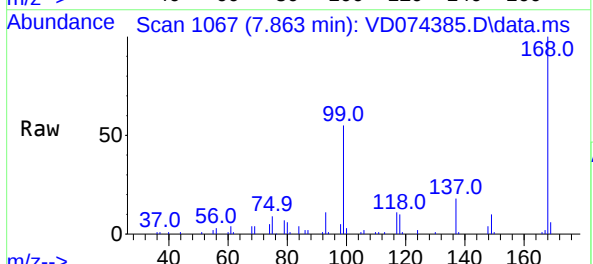
Instrument :
MSVOA_D
ClientSampleId :

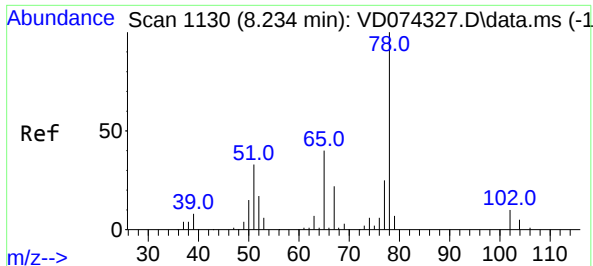
Tgt Ion: 43 Resp: 605
Ion Ratio Lower Upper
43 100
72 0.0 21.8 32.6#



#31
Cyclohexane
Concen: 1.109 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.012 min
Lab File: VD074385.D
Acq: 21 Sep 2022 13:21

Tgt Ion: 56 Resp: 2505
Ion Ratio Lower Upper
56 100
69 117.0 25.7 38.5#
84 116.1 73.9 110.9#





#33

1,2-Dichloroethane-d4

Concen: 45.834 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074385.D

Acq: 21 Sep 2022 13:21

Instrument :

MSVOA_D

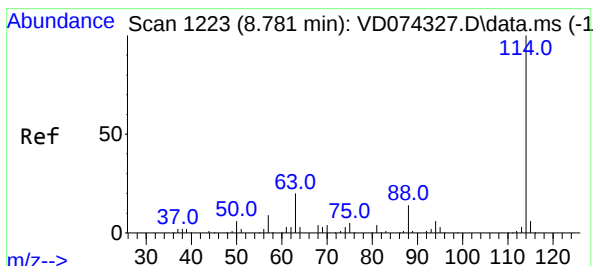
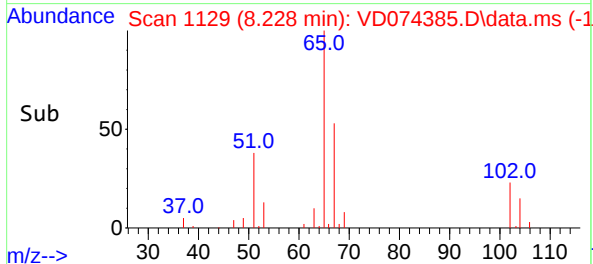
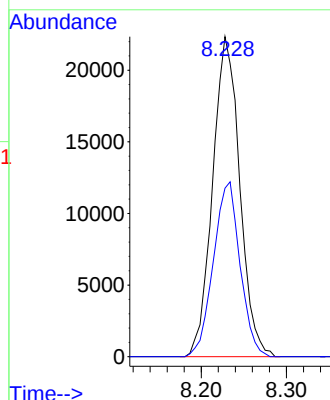
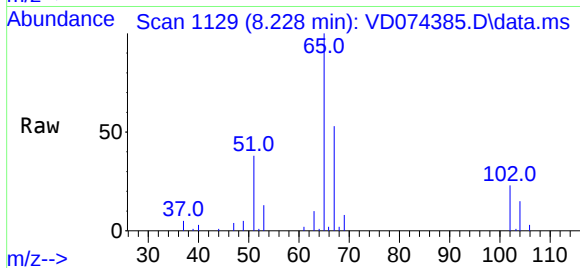
ClientSampleId :

Tgt Ion: 65 Resp: 49377

Ion Ratio Lower Upper

65 100

67 53.7 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD074385.D

Acq: 21 Sep 2022 13:21

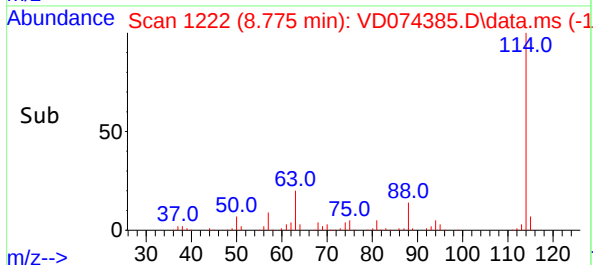
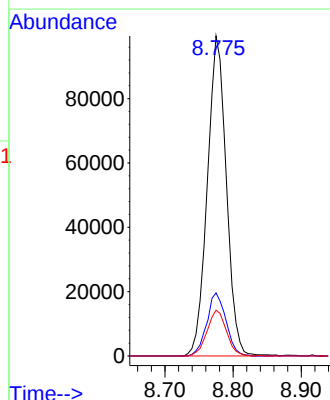
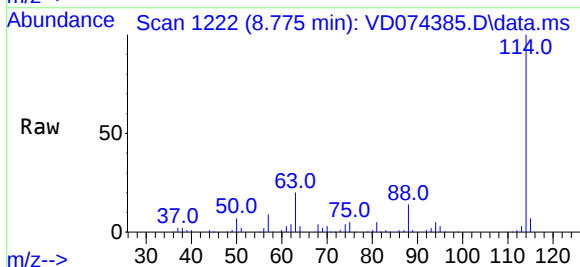
Tgt Ion: 114 Resp: 193178

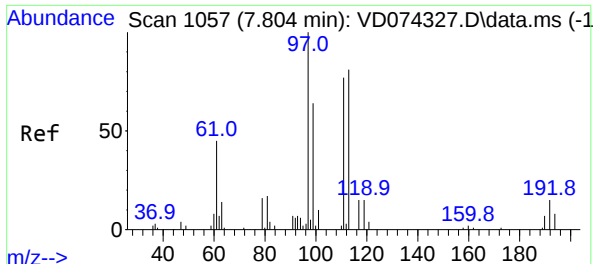
Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.6

88 14.3 0.0 28.4





#35

Dibromofluoromethane

Concen: 40.228 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074385.D

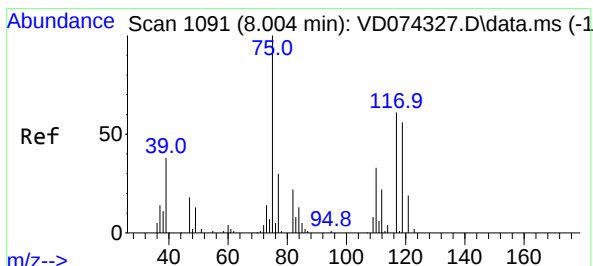
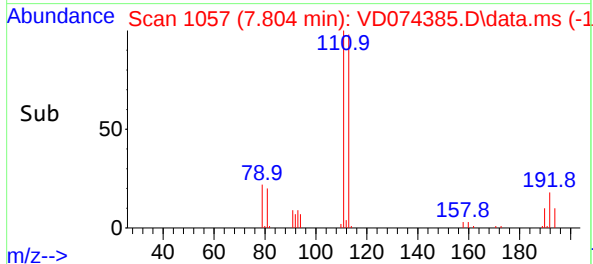
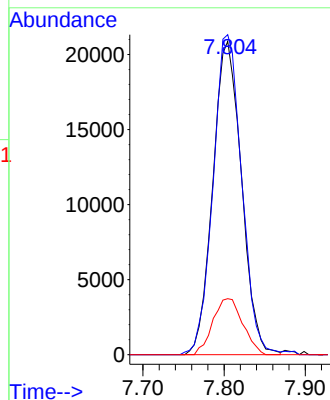
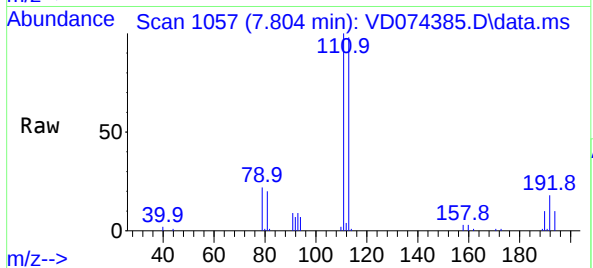
Acq: 21 Sep 2022 13:21

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	113	Resp:	51182
Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.0	124.6
192	18.7	16.2	24.2



#36

1,1-Dichloropropene

Concen: 4.614 ug/l

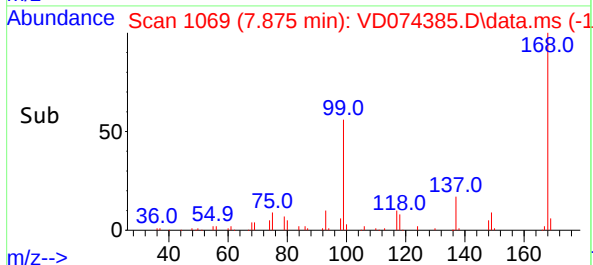
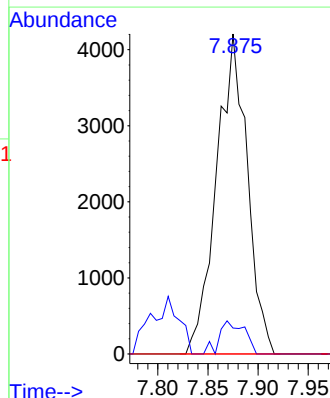
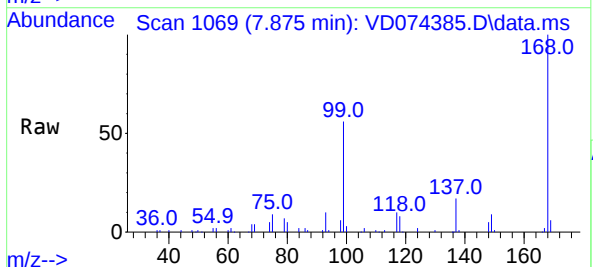
RT: 7.875 min Scan# 1069

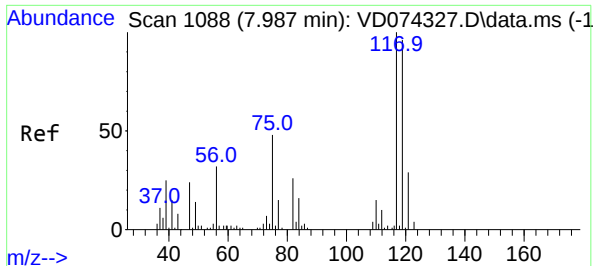
Delta R.T. -0.129 min

Lab File: VD074385.D

Acq: 21 Sep 2022 13:21

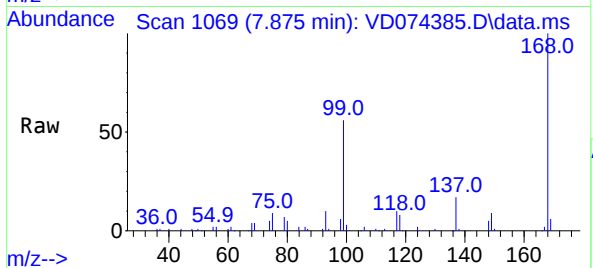
Tgt Ion:	75	Resp:	8960
Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.5	52.5#
77	0.0	24.8	37.2#



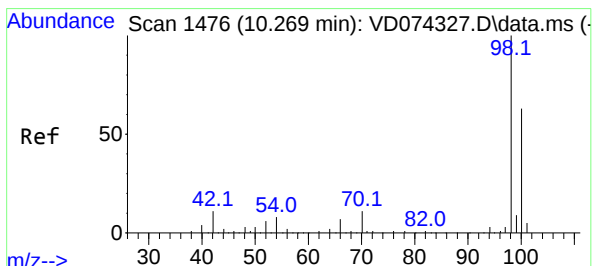
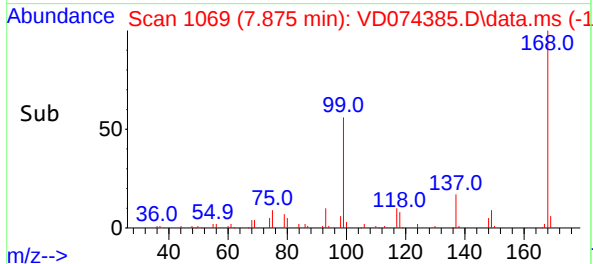
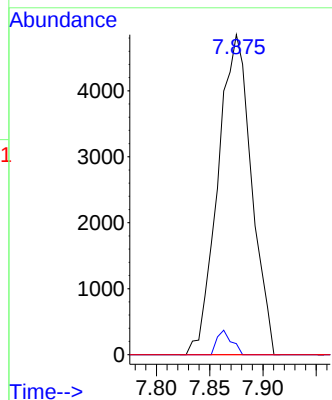


#38
Carbon Tetrachloride
Concen: 6.192 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD074385.D
Acq: 21 Sep 2022 13:21

Instrument :
MSVOA_D
ClientSampleId :

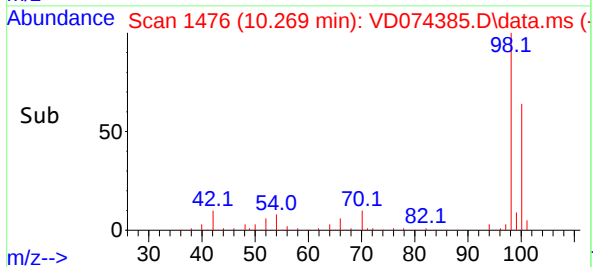
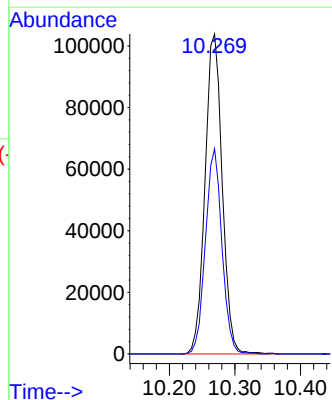
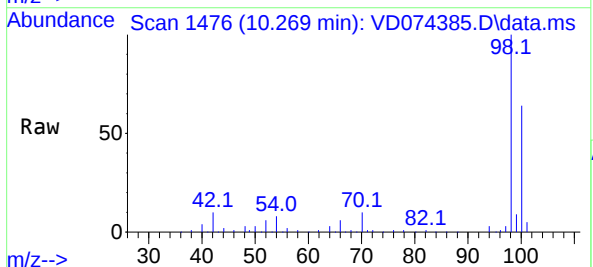


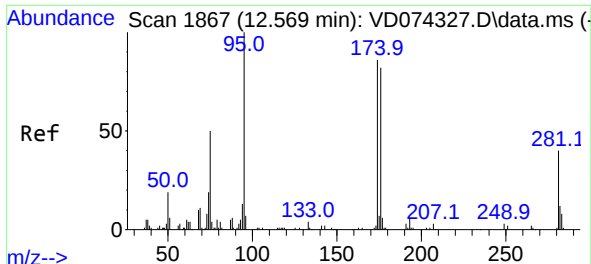
Tgt Ion:117 Resp: 10657
Ion Ratio Lower Upper
117 100
119 3.4 78.8 118.2#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 43.177 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074385.D
Acq: 21 Sep 2022 13:21

Tgt Ion: 98 Resp: 189547
Ion Ratio Lower Upper
98 100
100 61.6 51.8 77.8

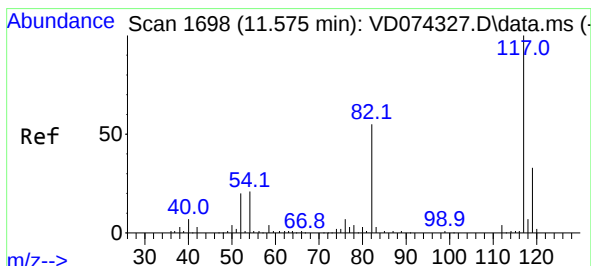
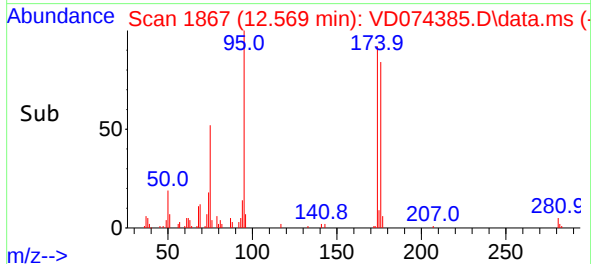
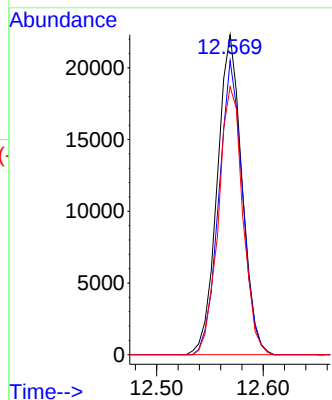
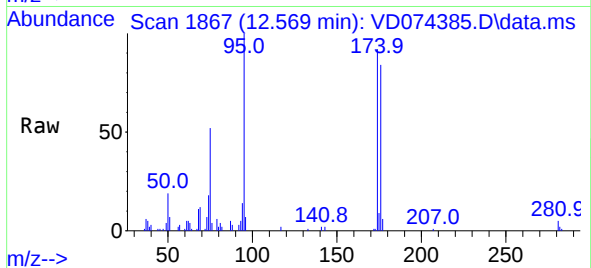




#62
4-Bromofluorobenzene
Concen: 20.744 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074385.D
Acq: 21 Sep 2022 13:21

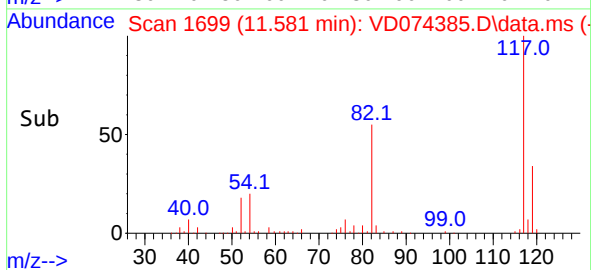
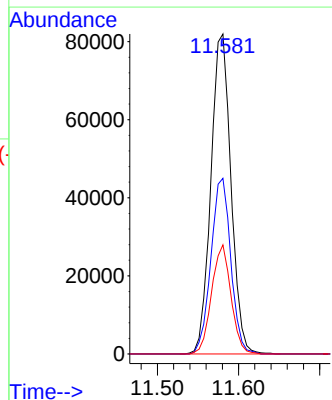
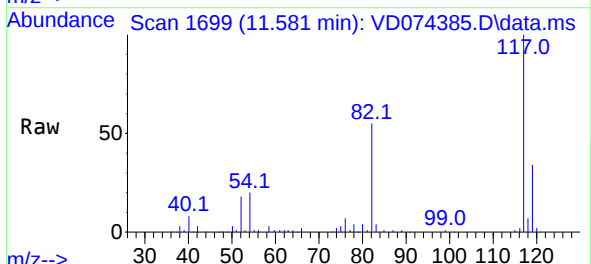
Instrument :
MSVOA_D
ClientSampleId :

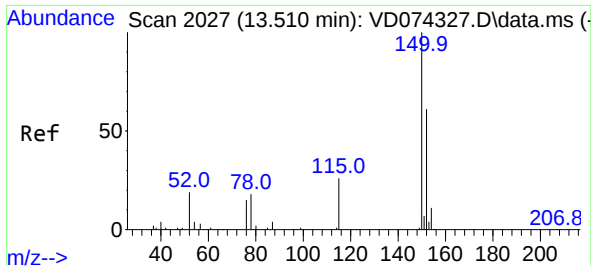
Tgt Ion: 95 Resp: 35838
Ion Ratio Lower Upper
95 100
174 88.1 0.0 179.2
176 82.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VD074385.D
Acq: 21 Sep 2022 13:21

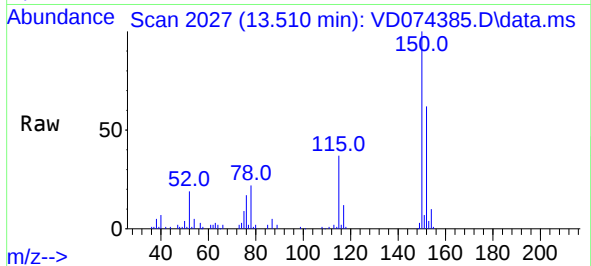
Tgt Ion: 117 Resp: 140744
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 34.1 25.4 38.0



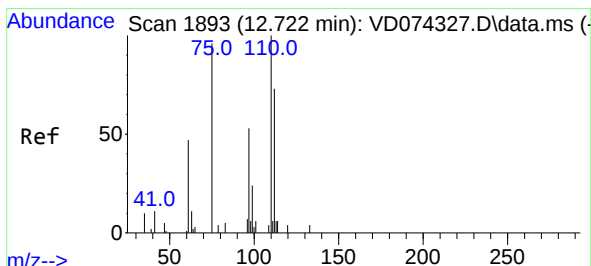
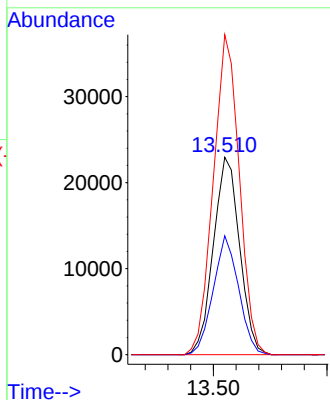
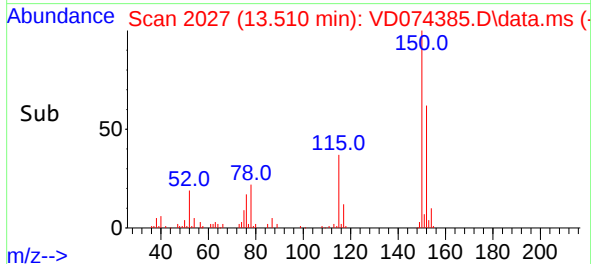


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD074385.D
Acq: 21 Sep 2022 13:21

Instrument :
MSVOA_D
ClientSampleId :

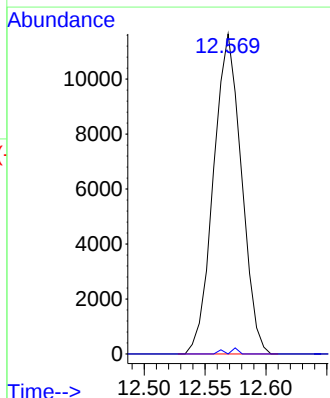
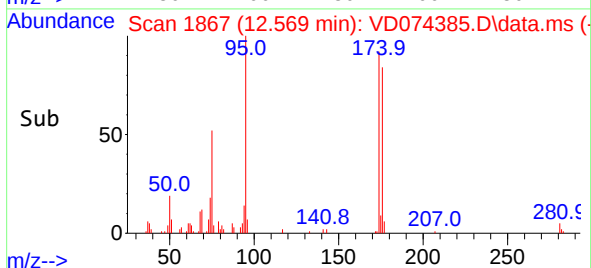
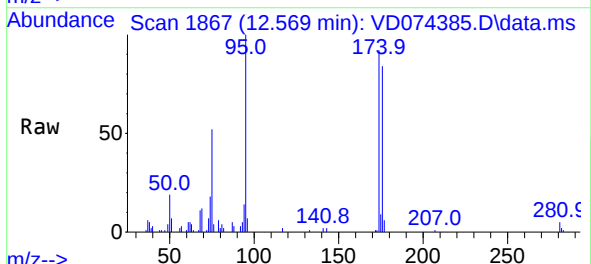


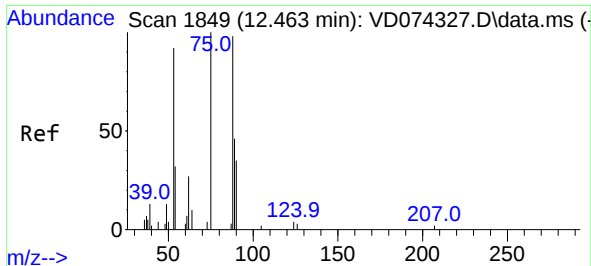
Tgt Ion:152 Resp: 36852
Ion Ratio Lower Upper
152 100
115 58.4 28.4 85.2
150 160.6 0.0 351.0



#76
1,2,3-Trichloropropane
Concen: 54.551 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074385.D
Acq: 21 Sep 2022 13:21

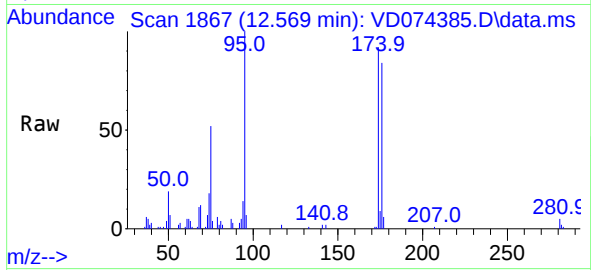
Tgt Ion: 75 Resp: 18600
Ion Ratio Lower Upper
75 100
77 0.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.719 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. 0.106 min
 Lab File: VD074385.D
 Acq: 21 Sep 2022 13:21

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	18600
Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

