

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102022\
 Data File : VD074598.D
 Acq On : 20 Oct 2022 15:28
 Operator : VA/SY
 Sample : N5186-01
 Misc : 5.31G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TEXAS-SP-1019

Quant Time: Oct 21 02:53:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

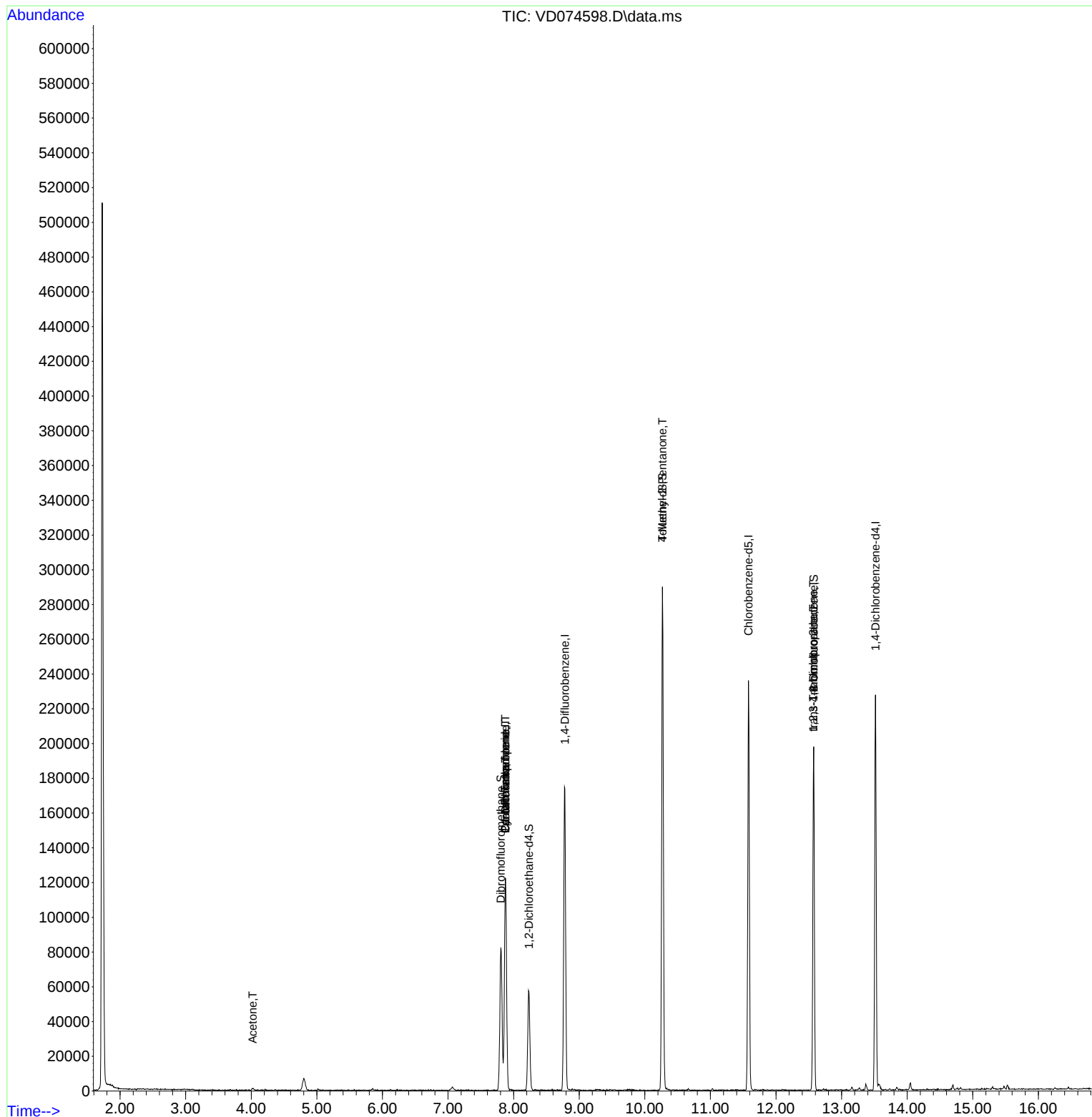
Internal Standards						
1) Pentafluorobenzene	7.875	168	103470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	170564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	146851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	64758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	45684	57.830	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.660%	
35) Dibromofluoromethane	7.805	113	60659	64.510	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.020%	
50) Toluene-d8	10.269	98	211111	61.839	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 123.680%	
62) 4-Bromofluorobenzene	12.575	95	57239	58.615	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.240%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.017	59	54	Below Cal	#	84
16) Acetone	4.022	43	1524	8.835	ug/l #	73
20) Methylene Chloride	4.805	84	6366	Below Cal	#	92
31) Cyclohexane	7.875	56	1650	1.040	ug/l #	20
36) 1,1-Dichloropropene	7.875	75	7279	4.751	ug/l #	47
38) Carbon Tetrachloride	7.875	117	9540	6.358	ug/l #	18
51) 4-Methyl-2-Pentanone	10.269	43	574	1.284	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	28056	49.617	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	28056	126.797	ug/l #	17

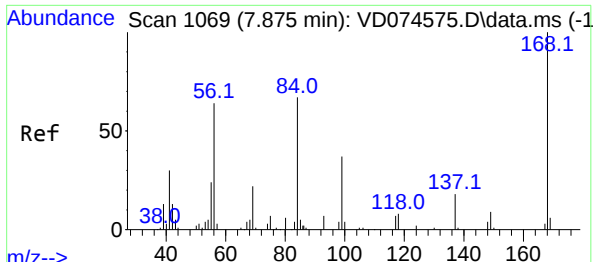
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

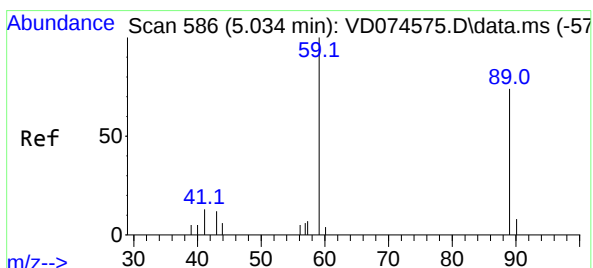
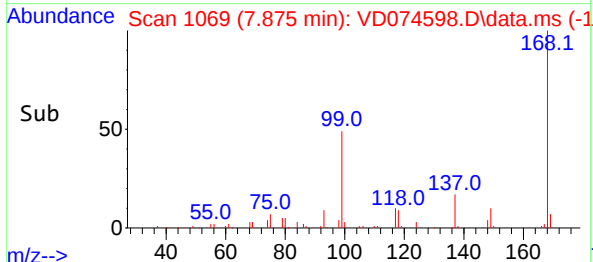
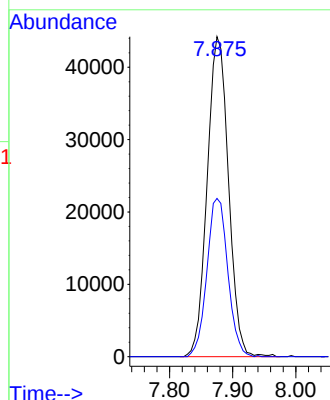
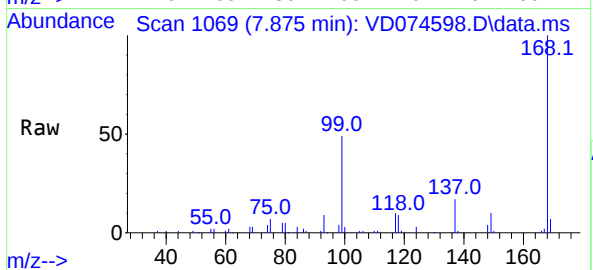




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074598.D
Acq: 20 Oct 2022 15:28

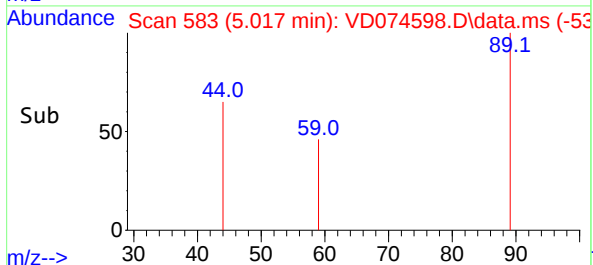
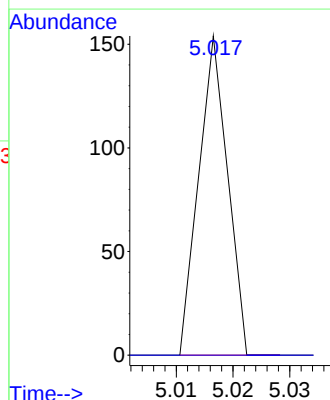
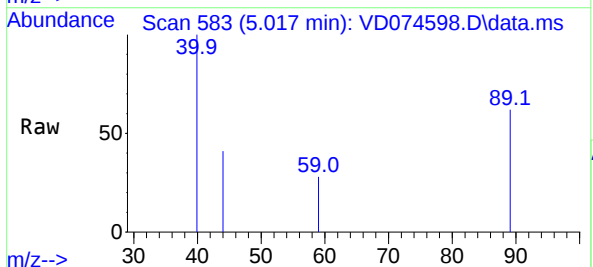
Instrument :
MSVOA_D
ClientSampleId :
TEXAS-SP-1019

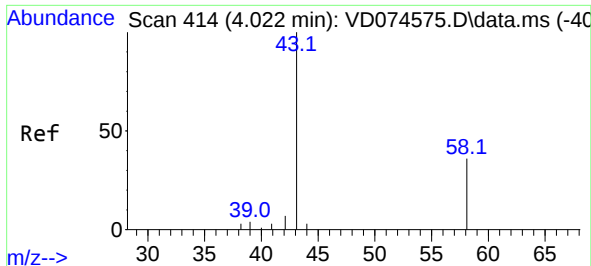
Tgt Ion:168 Resp: 103470
Ion Ratio Lower Upper
168 100
99 49.5 40.9 61.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.017 min Scan# 583
Delta R.T. -0.035 min
Lab File: VD074598.D
Acq: 20 Oct 2022 15:28

Tgt Ion: 59 Resp: 54
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#

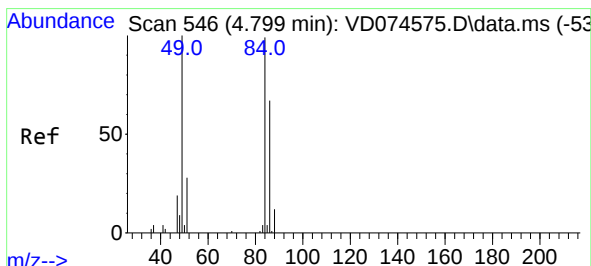
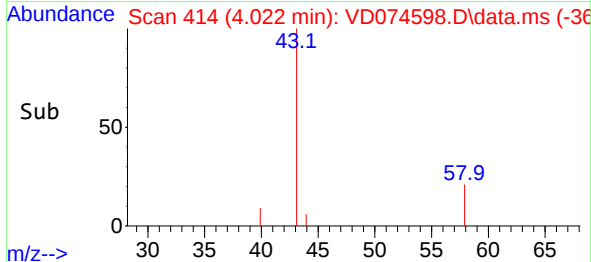
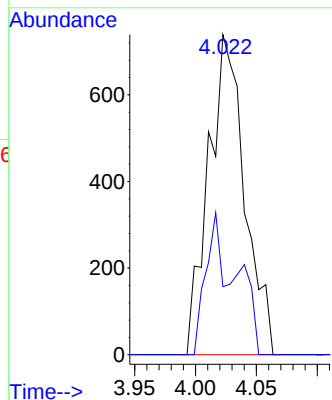
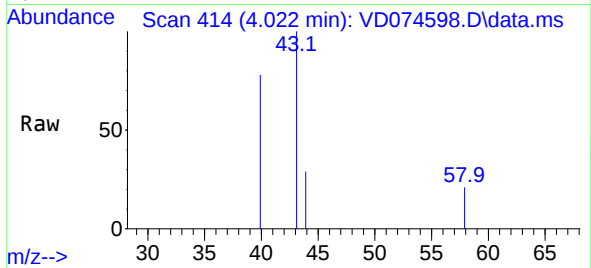




#16
Acetone
Concen: 8.835 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074598.D
Acq: 20 Oct 2022 15:28

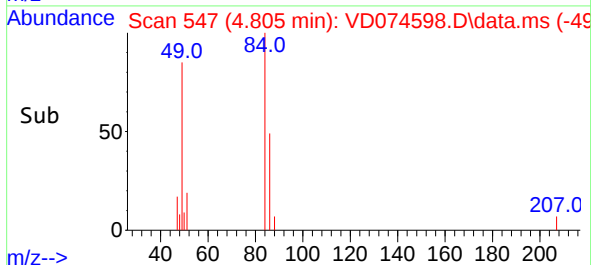
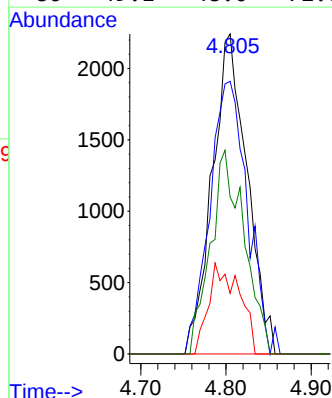
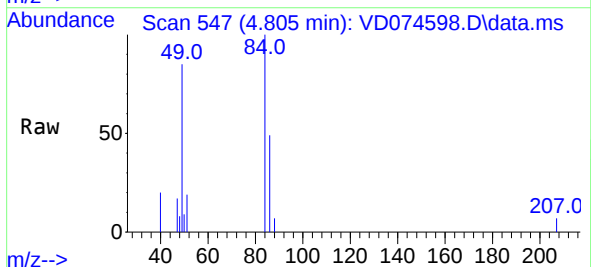
Instrument :
MSVOA_D
ClientSampleId :
TEXAS-SP-1019

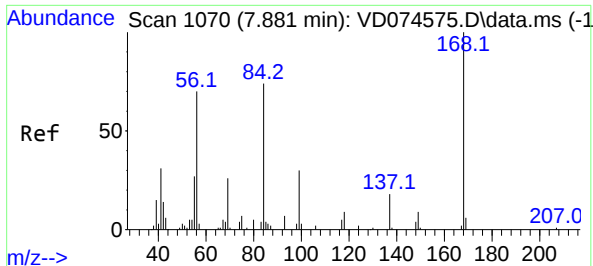
Tgt Ion: 43 Resp: 1524
Ion Ratio Lower Upper
43 100
58 21.2 30.2 45.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD074598.D
Acq: 20 Oct 2022 15:28

Tgt Ion: 84 Resp: 6366
Ion Ratio Lower Upper
84 100
49 85.2 68.0 102.0
51 19.0 23.2 34.8#
86 49.1 48.0 72.0

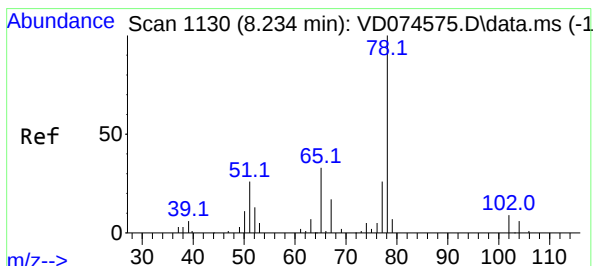
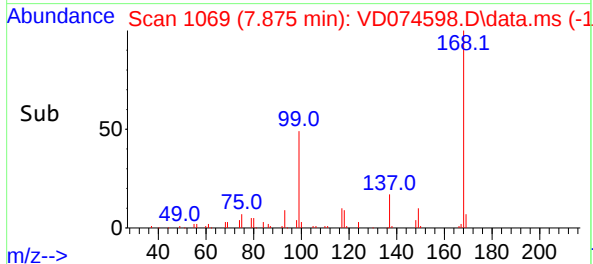
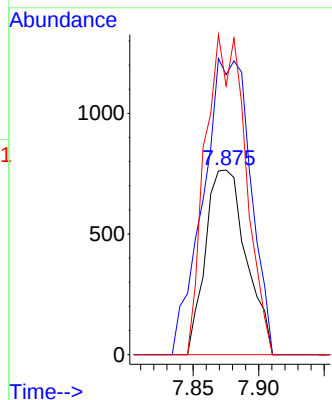
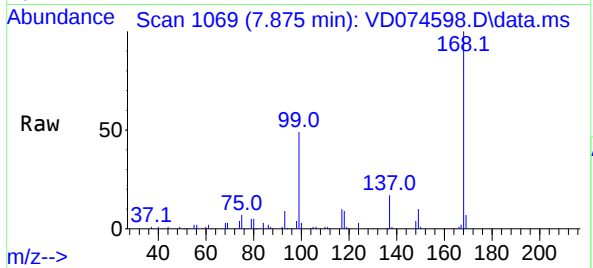




#31
Cyclohexane
Concen: 1.040 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074598.D
Acq: 20 Oct 2022 15:28

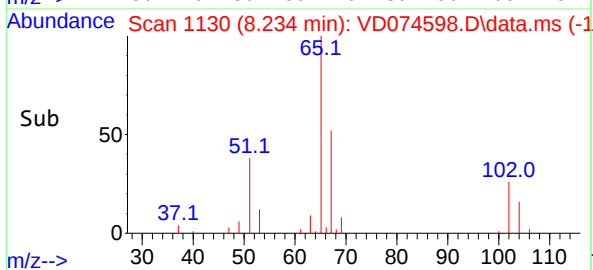
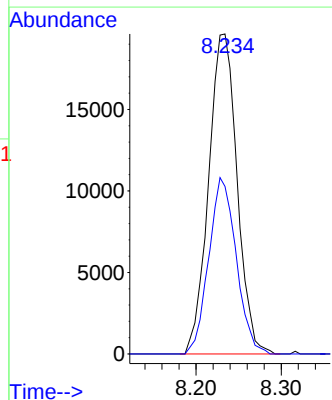
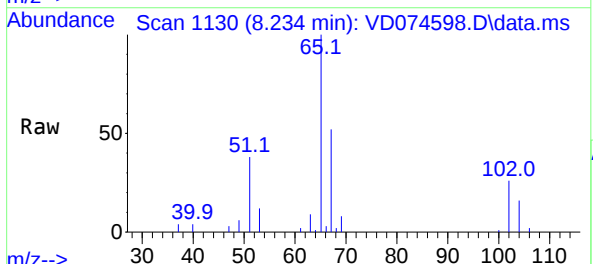
Instrument :
MSVOA_D
ClientSampleId :
TEXAS-SP-1019

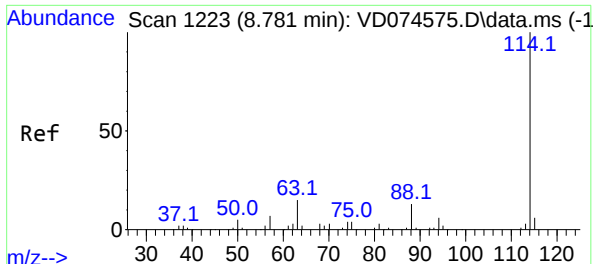
Tgt Ion: 56 Resp: 1650
Ion Ratio Lower Upper
56 100
69 151.6 29.2 43.8#
84 145.6 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 57.830 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074598.D
Acq: 20 Oct 2022 15:28

Tgt Ion: 65 Resp: 45684
Ion Ratio Lower Upper
65 100
67 53.1 0.0 110.2

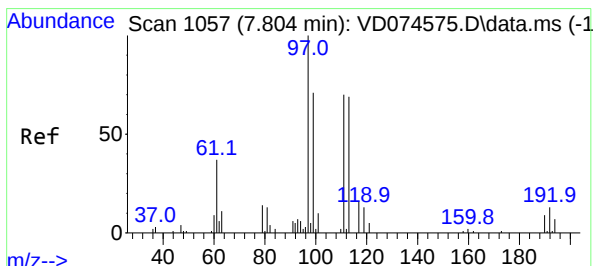
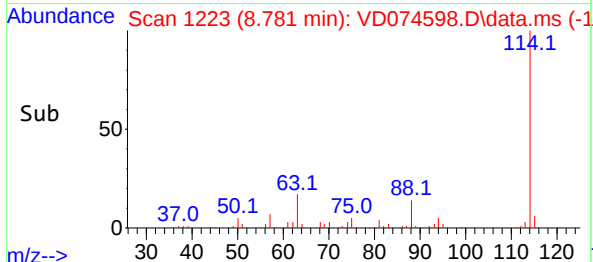
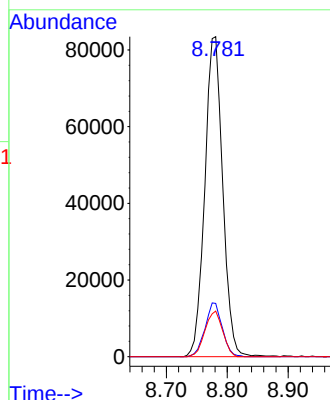
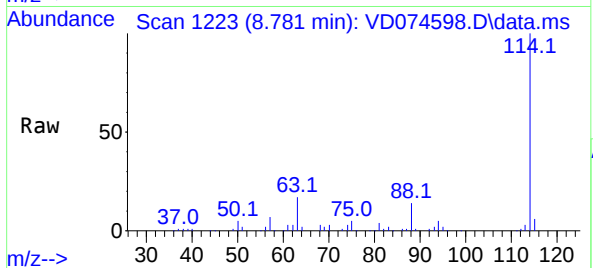




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074598.D
Acq: 20 Oct 2022 15:28

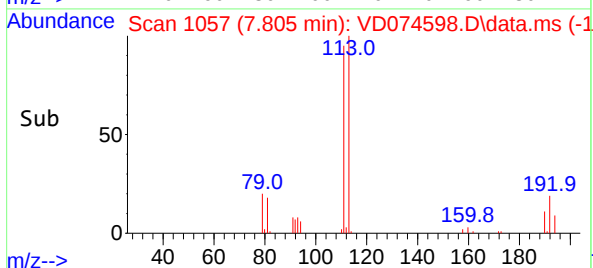
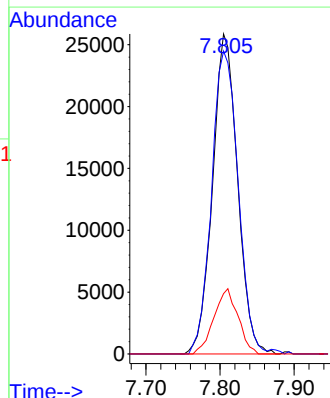
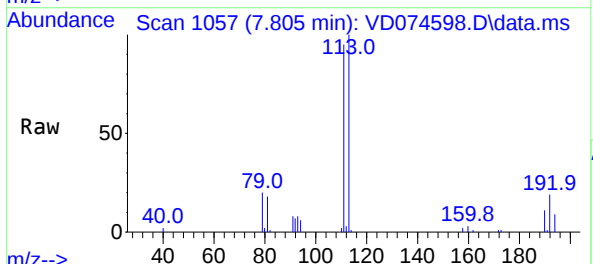
Instrument :
MSVOA_D
ClientSampleId :
TEXAS-SP-1019

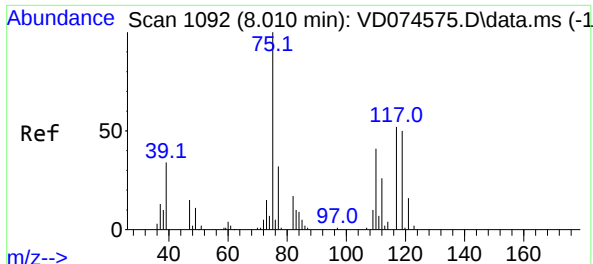
Tgt Ion:114 Resp: 170564
Ion Ratio Lower Upper
114 100
63 16.7 0.0 33.2
88 14.2 0.0 28.2



#35
Dibromofluoromethane
Concen: 64.510 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD074598.D
Acq: 20 Oct 2022 15:28

Tgt Ion:113 Resp: 60659
Ion Ratio Lower Upper
113 100
111 100.2 82.3 123.5
192 19.6 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.751 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD074598.D

Acq: 20 Oct 2022 15:28

Instrument :

MSVOA_D

ClientSampleId :

TEXAS-SP-1019

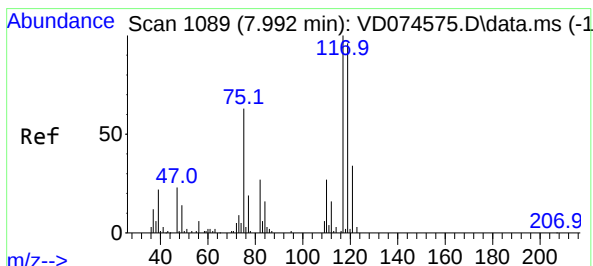
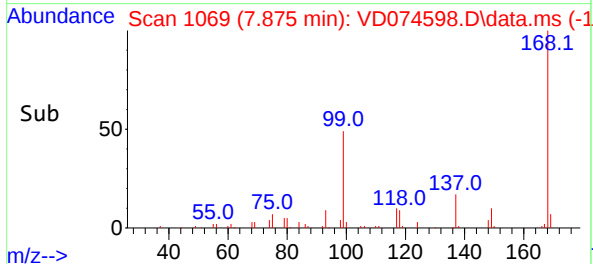
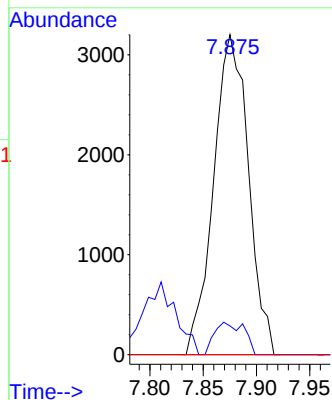
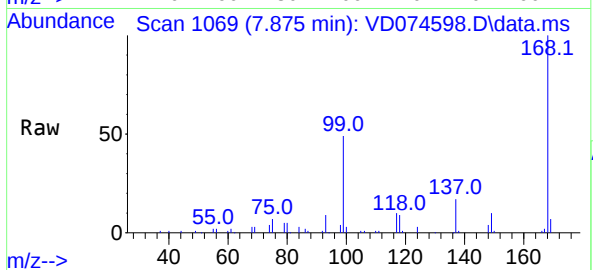
Tgt Ion: 75 Resp: 7279

Ion Ratio Lower Upper

75 100

110 8.6 19.7 59.0#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 6.358 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD074598.D

Acq: 20 Oct 2022 15:28

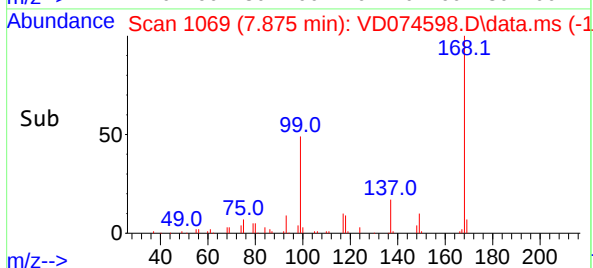
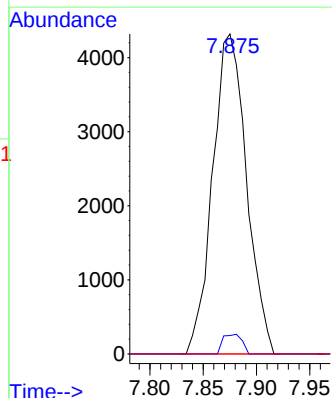
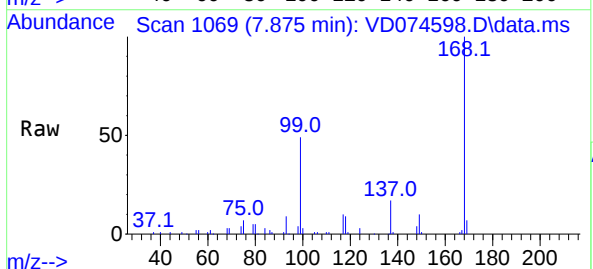
Tgt Ion: 117 Resp: 9540

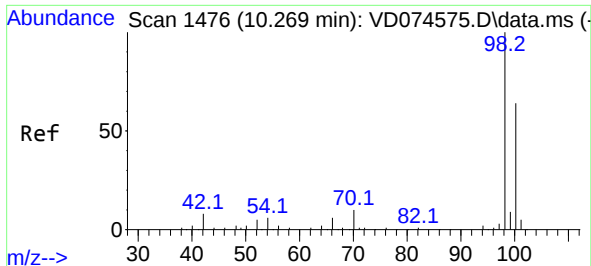
Ion Ratio Lower Upper

117 100

119 5.8 73.1 109.7#

121 0.0 25.0 37.6#

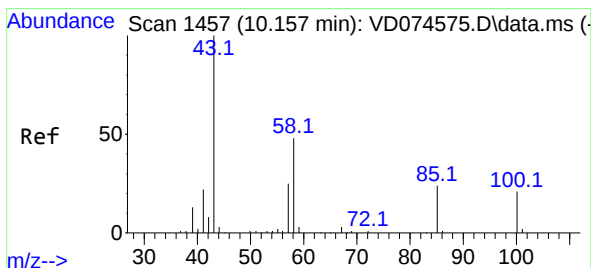
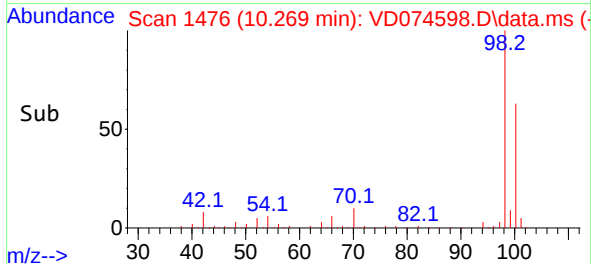
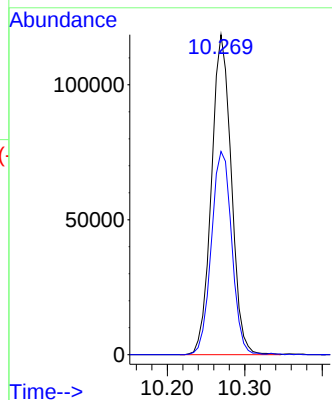
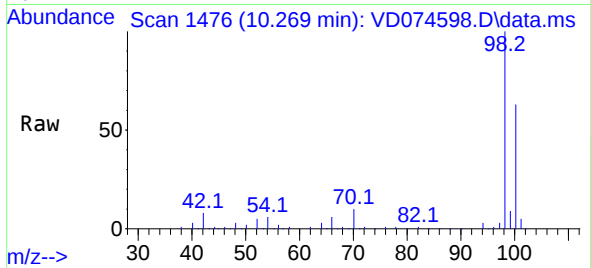




#50
Toluene-d8
Concen: 61.839 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074598.D
Acq: 20 Oct 2022 15:28

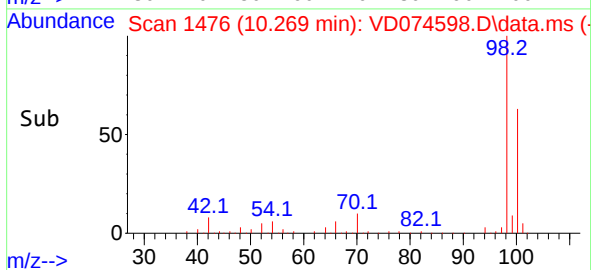
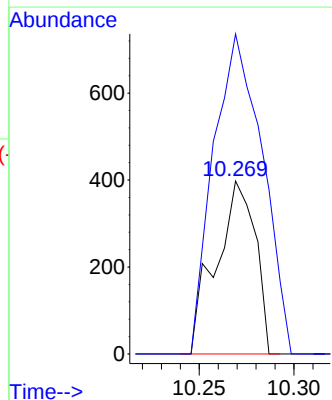
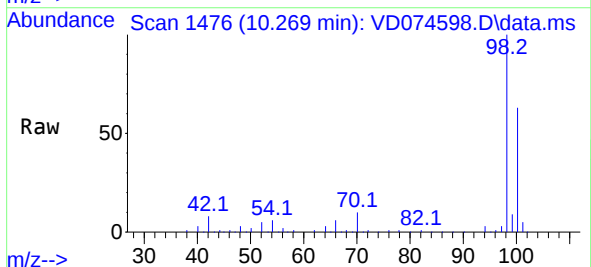
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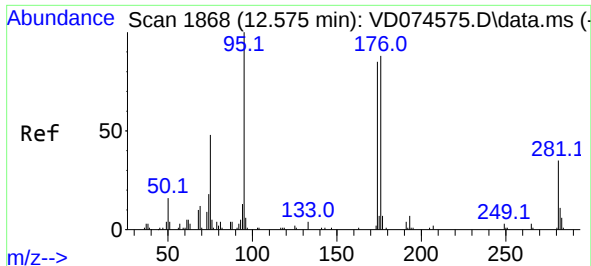
Tgt Ion: 98 Resp: 211111
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.284 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD074598.D
Acq: 20 Oct 2022 15:28

Tgt Ion: 43 Resp: 574
Ion Ratio Lower Upper
43 100
58 230.3 37.8 56.6#

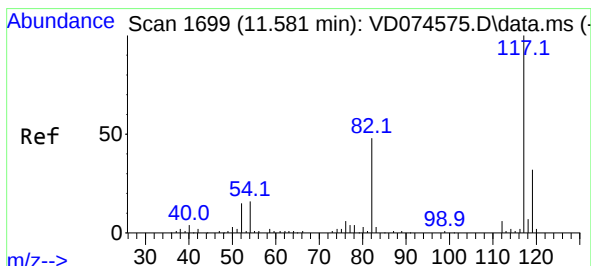
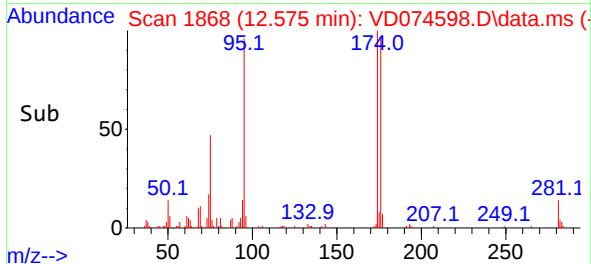
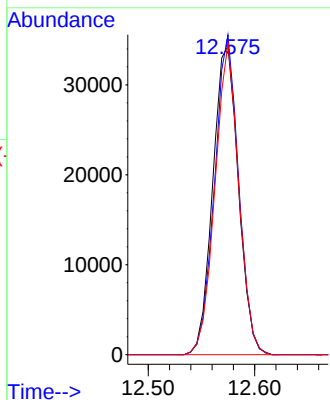
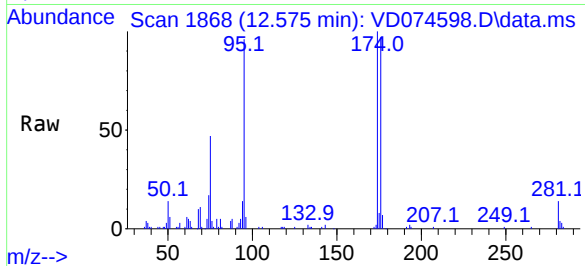




#62
4-Bromofluorobenzene
Concen: 58.615 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074598.D
Acq: 20 Oct 2022 15:28

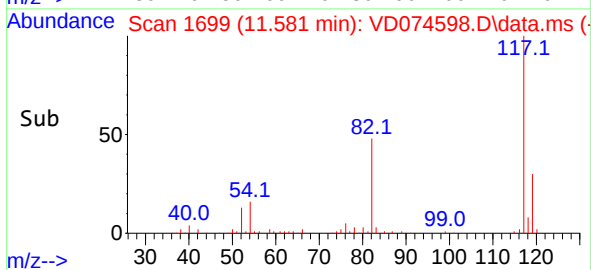
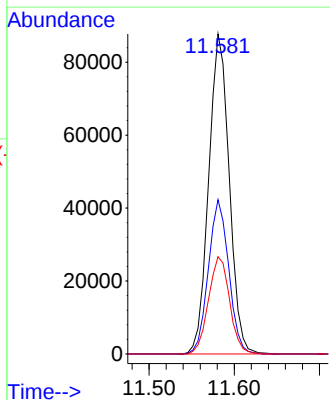
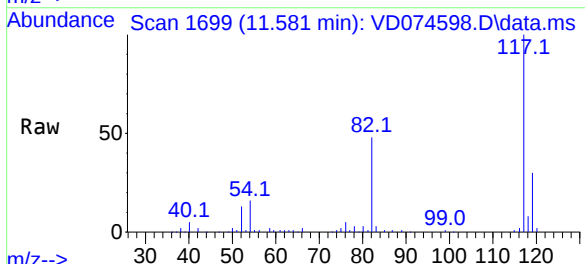
Instrument :
MSVOA_D
ClientSampleId :
TEXAS-SP-1019

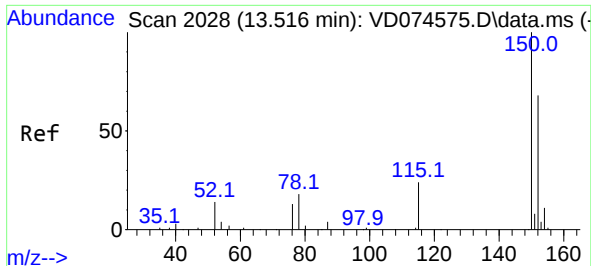
Tgt Ion:	95	Resp:	57239
Ion	Ratio	Lower	Upper
95	100		
174	97.4	0.0	197.0
176	93.3	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074598.D
Acq: 20 Oct 2022 15:28

Tgt Ion:	117	Resp:	146851
Ion	Ratio	Lower	Upper
117	100		
82	48.2	41.6	62.4
119	30.4	25.2	37.8

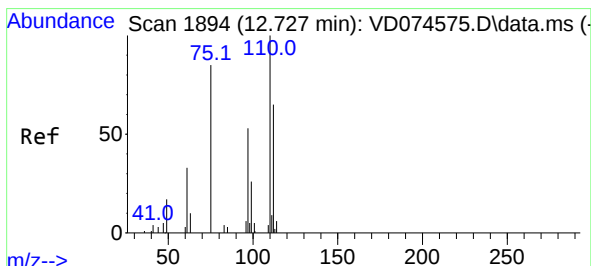
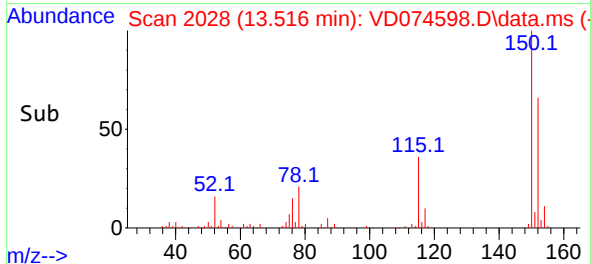
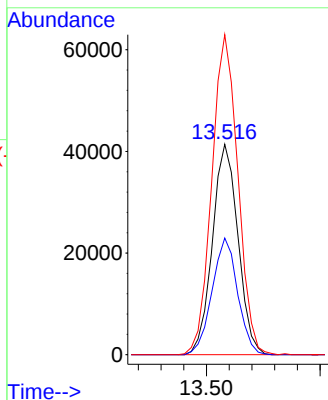
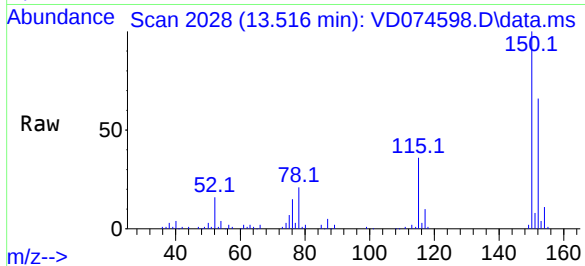




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD074598.D
Acq: 20 Oct 2022 15:28

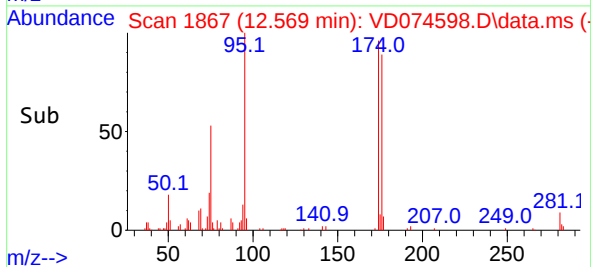
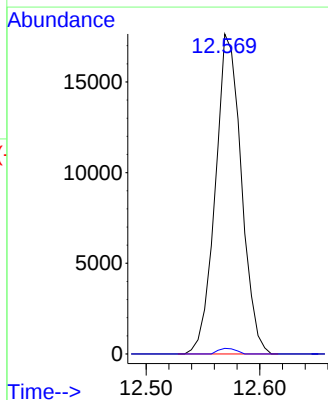
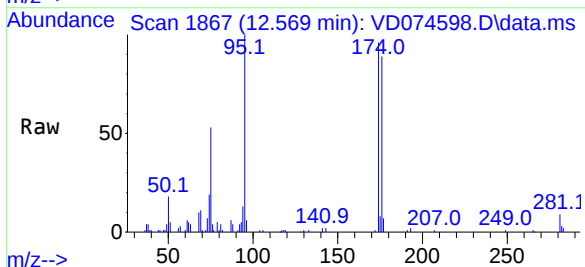
Instrument :
MSVOA_D
ClientSampleId :
TEXAS-SP-1019

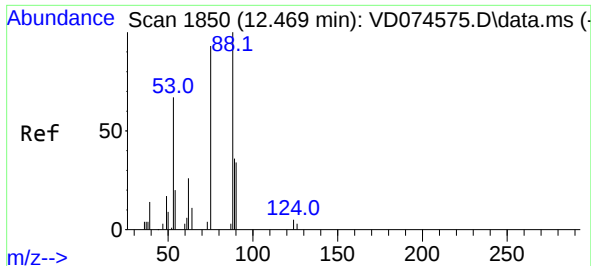
Tgt Ion:152 Resp: 64758
Ion Ratio Lower Upper
152 100
115 55.3 26.8 80.4
150 155.1 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 49.617 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074598.D
Acq: 20 Oct 2022 15:28

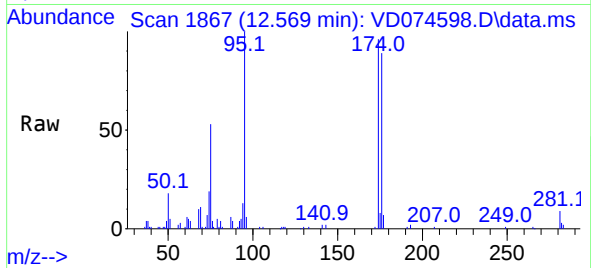
Tgt Ion: 75 Resp: 28056
Ion Ratio Lower Upper
75 100
77 1.2 185.8 557.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 126.797 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD074598.D
Acq: 20 Oct 2022 15:28

Instrument :
MSVOA_D
ClientSampleId :
TEXAS-SP-1019



Tgt Ion: 75 Resp: 28056
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

