

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110322\
 Data File : VD074719.D
 Acq On : 03 Nov 2022 17:00
 Operator : VA/SY
 Sample : N5396-16
 Misc : 4.68G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-H

Quant Time: Nov 04 00:03:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

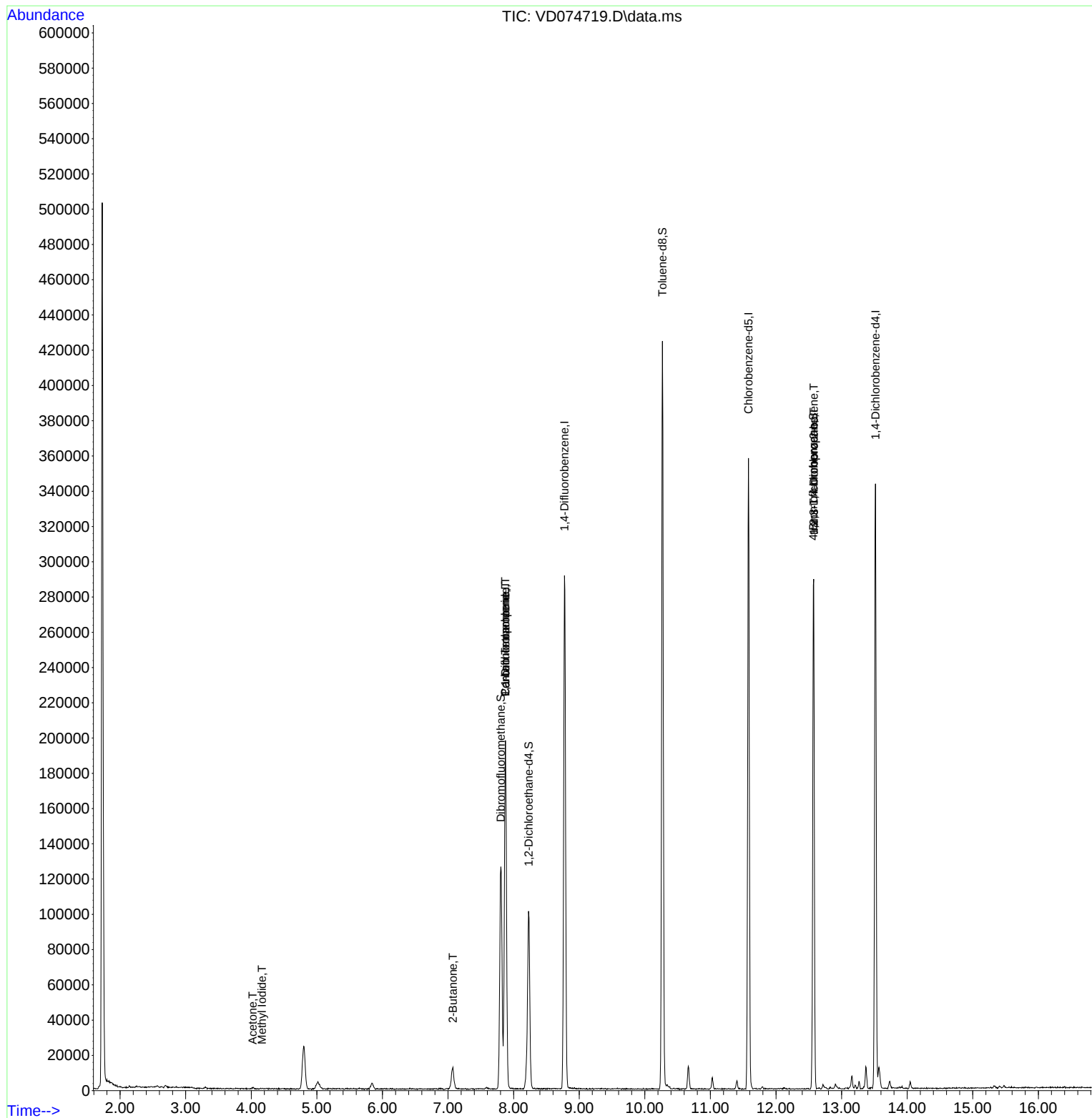
Internal Standards						
1) Pentafluorobenzene	7.875	168	163337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	283789	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	221749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	99579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	76595	59.208	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.420%
35) Dibromofluoromethane	7.805	113	96622	57.557	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.120%
50) Toluene-d8	10.269	98	303843	49.619	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.569	95	89525	50.635	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.260%
Target Compounds						Qvalue
10) Methyl Iodide	4.164	142	361	5.700	ug/l #	43
11) Tert butyl alcohol	5.017	59	4095	Below Cal	#	84
16) Acetone	4.023	43	1178	4.364	ug/l #	37
20) Methylene Chloride	4.799	84	21058	Below Cal		87
25) 2-Butanone	7.075	43	675	1.818	ug/l #	42
36) 1,1-Dichloropropene	7.875	75	11650	4.572	ug/l #	46
38) Carbon Tetrachloride	7.875	117	14959	6.196	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	43563	56.433	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	43563	133.958	ug/l #	17

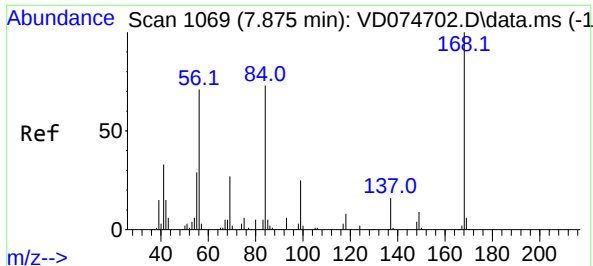
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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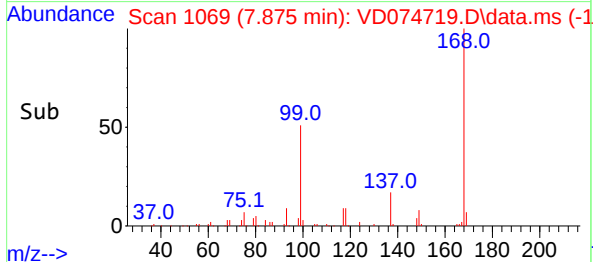
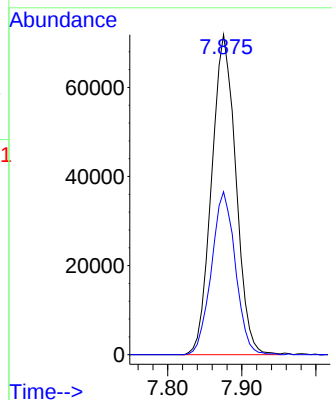
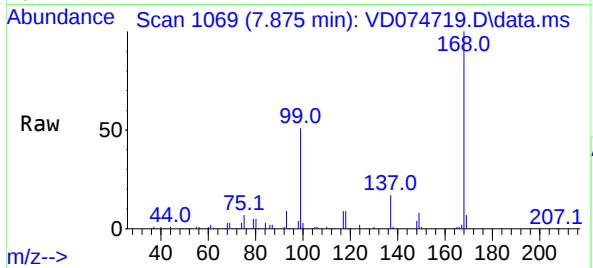




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074719.D
Acq: 03 Nov 2022 17:00

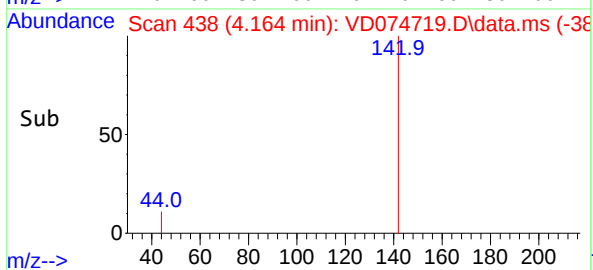
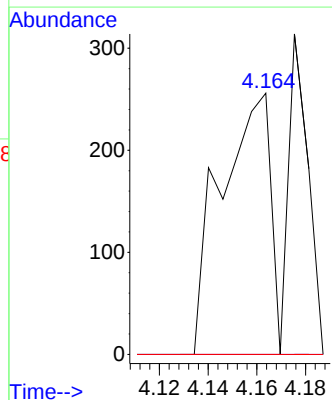
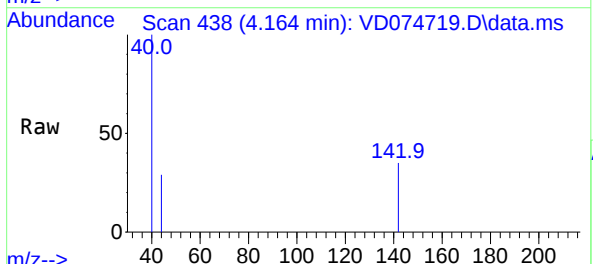
Instrument :
MSVOA_D
ClientSampleId :
TP-H

Tgt Ion:168 Resp: 163337
Ion Ratio Lower Upper
168 100
99 50.9 40.9 61.3



#10
Methyl Iodide
Concen: 5.700 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD074719.D
Acq: 03 Nov 2022 17:00

Tgt Ion:142 Resp: 361
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

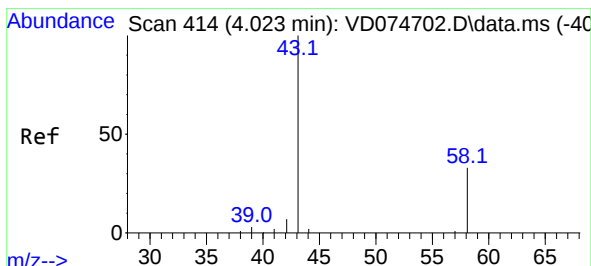
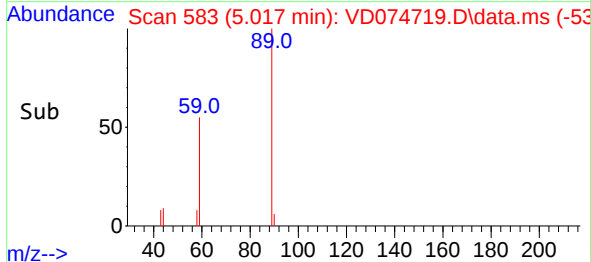
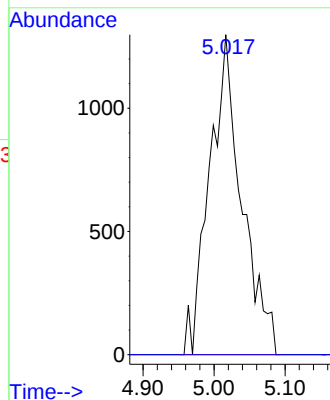
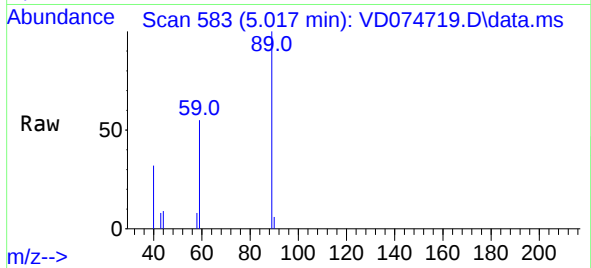




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.017 min Scan# 51
Delta R.T. -0.029 min
Lab File: VD074719.D
Acq: 03 Nov 2022 17:00

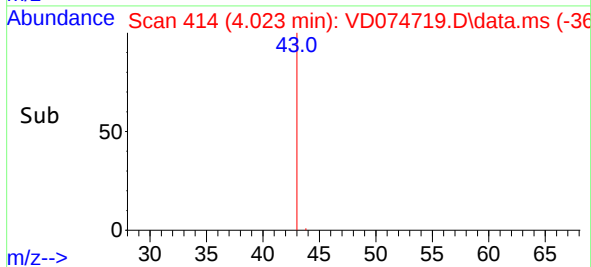
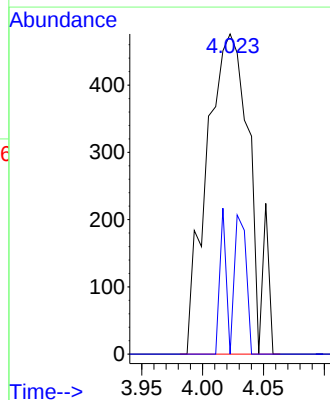
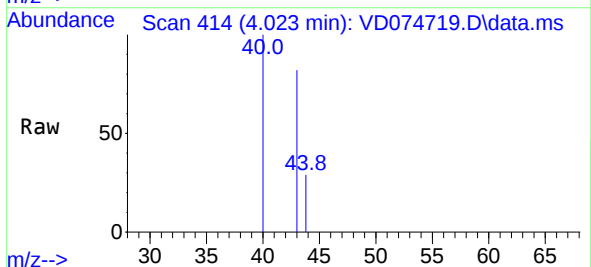
Instrument :
MSVOA_D
ClientSampleId :
TP-H

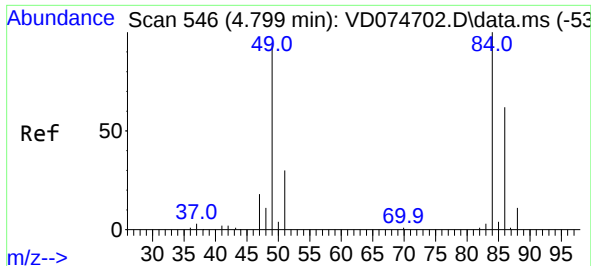
Tgt Ion: 59 Resp: 4095
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 4.364 ug/l
RT: 4.023 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD074719.D
Acq: 03 Nov 2022 17:00

Tgt Ion: 43 Resp: 1178
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD074719.D

Acq: 03 Nov 2022 17:00

Instrument :

MSVOA_D

ClientSampleId :

TP-H

Tgt Ion: 84 Resp: 21058

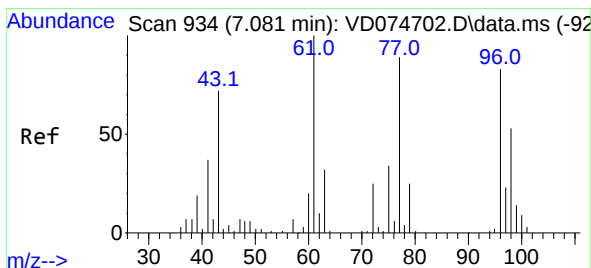
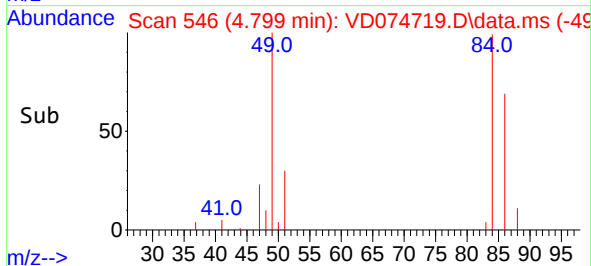
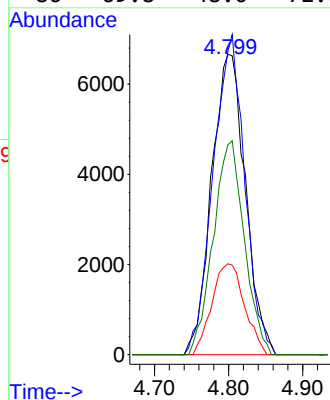
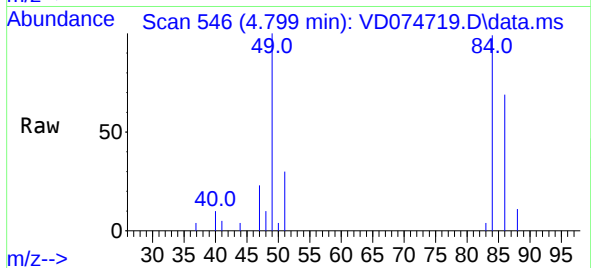
Ion Ratio Lower Upper

84 100

49 101.0 68.0 102.0

51 30.3 23.2 34.8

86 69.8 48.0 72.0



#25

2-Butanone

Concen: 1.818 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD074719.D

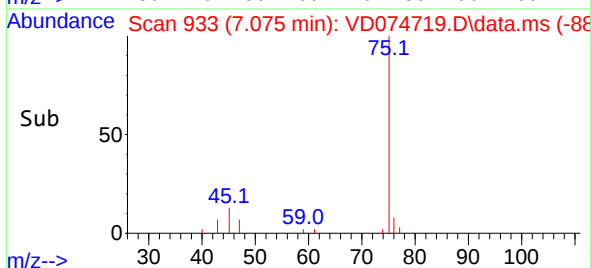
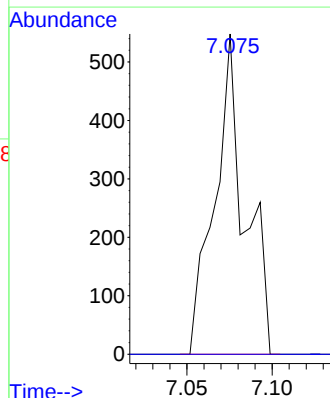
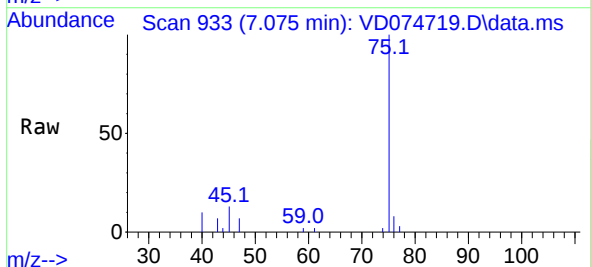
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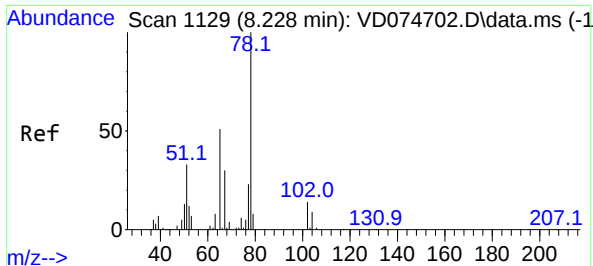
Tgt Ion: 43 Resp: 675

Ion Ratio Lower Upper

43 100

72 0.0 25.8 38.8#

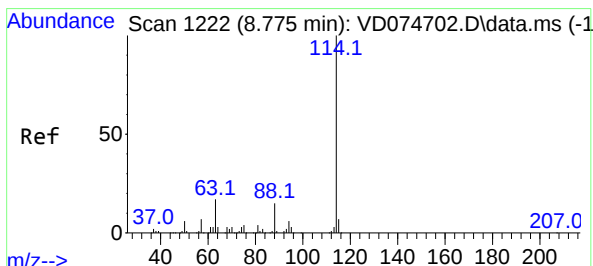
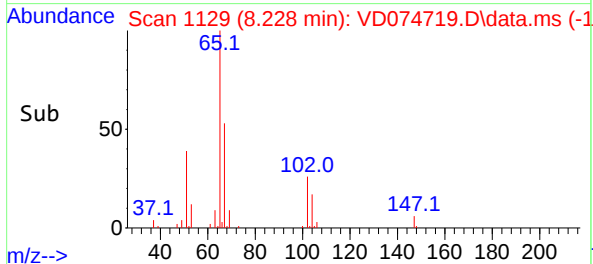
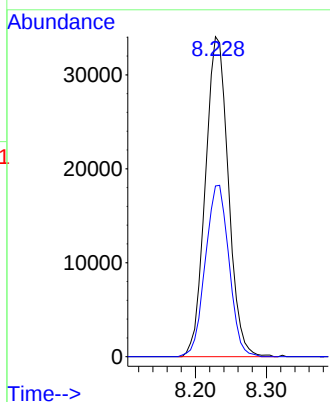
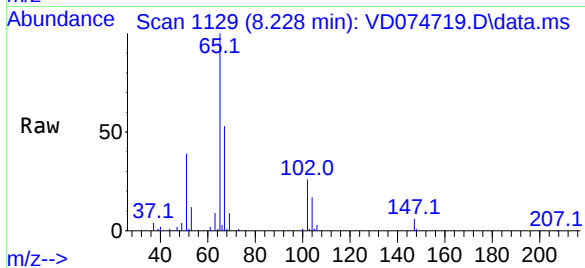




#33
1,2-Dichloroethane-d4
Concen: 59.208 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074719.D
Acq: 03 Nov 2022 17:00

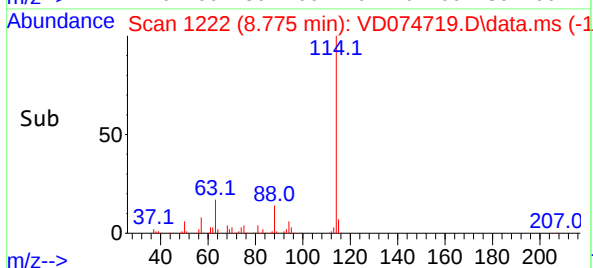
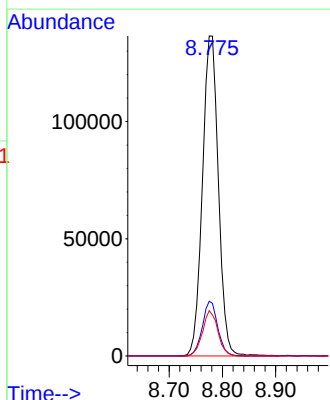
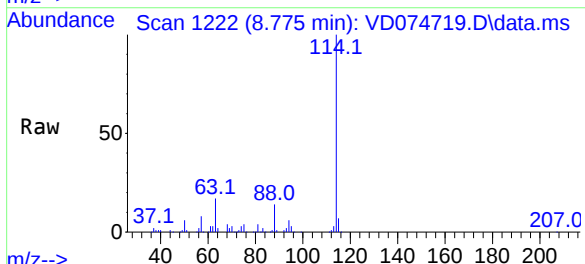
Instrument :
MSVOA_D
ClientSampleId :
TP-H

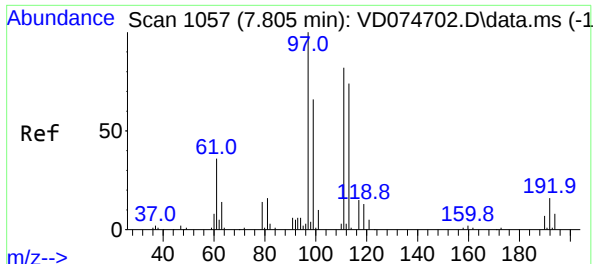
Tgt Ion: 65 Resp: 76595
Ion Ratio Lower Upper
65 100
67 55.0 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD074719.D
Acq: 03 Nov 2022 17:00

Tgt Ion: 114 Resp: 283789
Ion Ratio Lower Upper
114 100
63 17.1 0.0 33.2
88 14.2 0.0 28.2

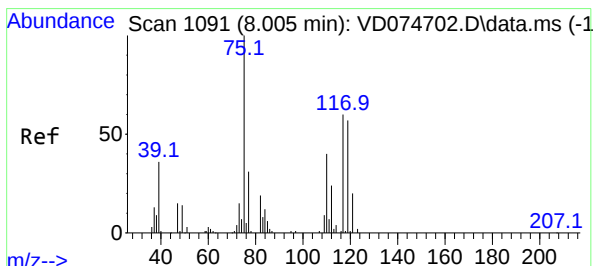
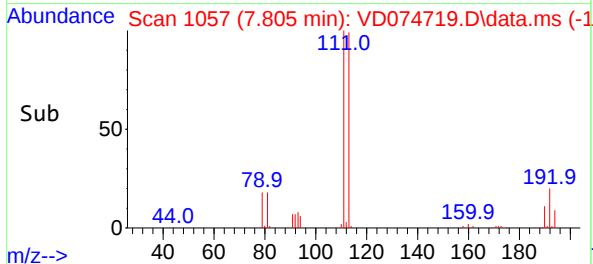
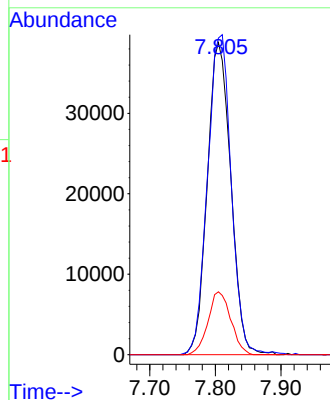
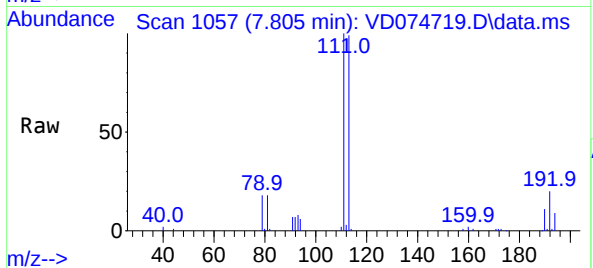




#35
Dibromofluoromethane
Concen: 57.557 ug/l
RT: 7.805 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074719.D
Acq: 03 Nov 2022 17:00

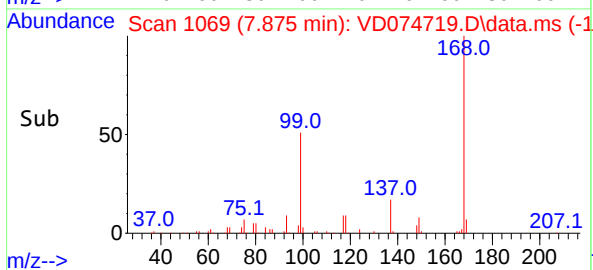
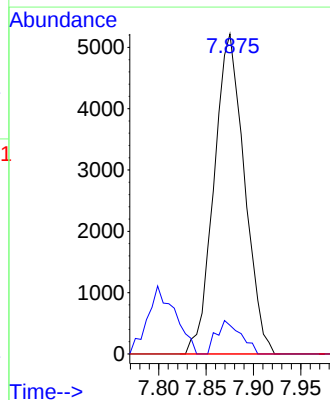
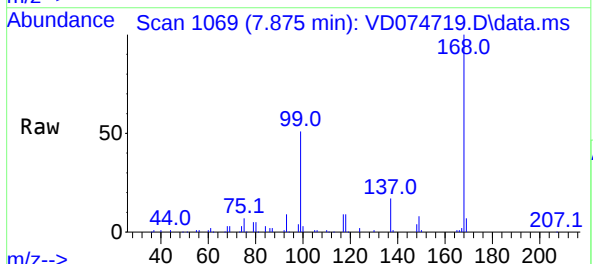
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ClientSampleId :
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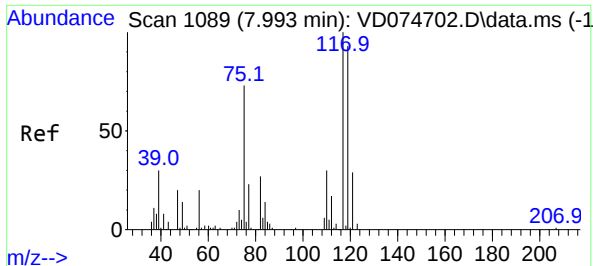
Tgt Ion:	113	Resp:	96622
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.3	123.5
192	19.5	16.4	24.6



#36
1,1-Dichloropropene
Concen: 4.572 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD074719.D
Acq: 03 Nov 2022 17:00

Tgt Ion:	75	Resp:	11650
Ion	Ratio	Lower	Upper
75	100		
110	8.3	19.7	59.0#
77	0.0	25.4	38.2#

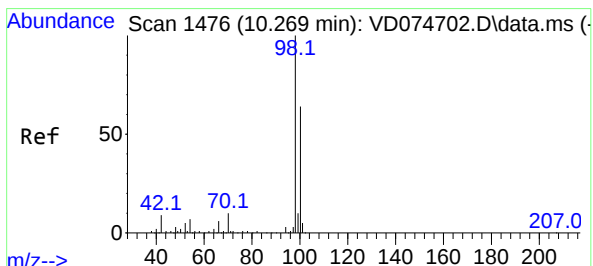
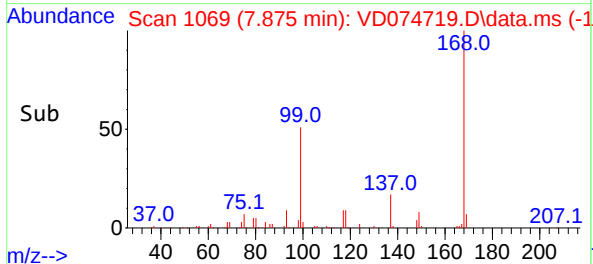
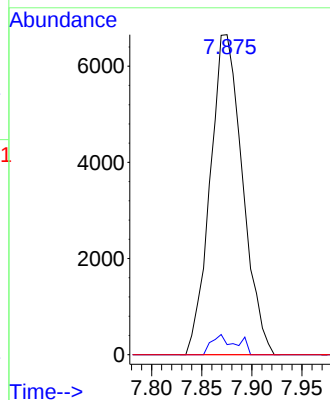
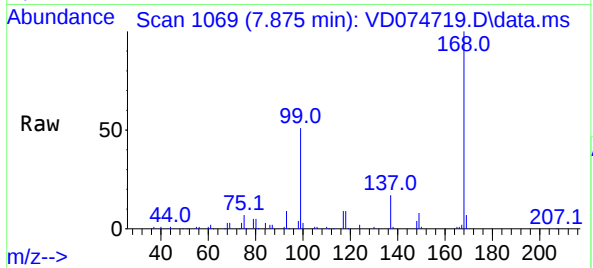




#38
Carbon Tetrachloride
Concen: 6.196 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD074719.D
Acq: 03 Nov 2022 17:00

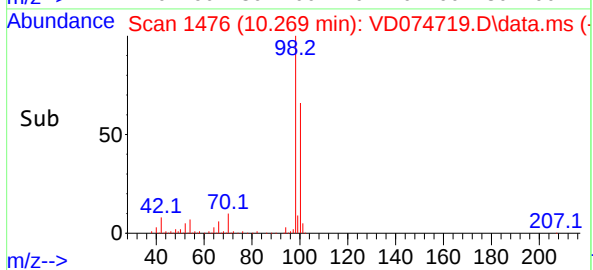
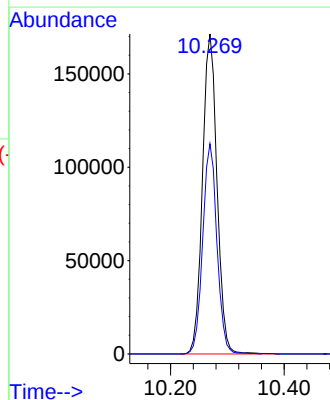
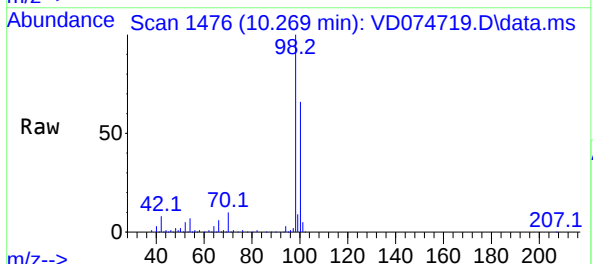
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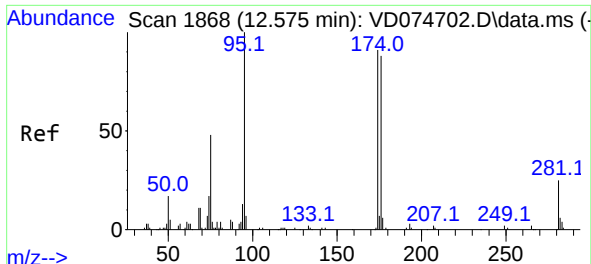
Tgt Ion:117 Resp: 14959
Ion Ratio Lower Upper
117 100
119 3.2 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 49.619 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074719.D
Acq: 03 Nov 2022 17:00

Tgt Ion: 98 Resp: 303843
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0

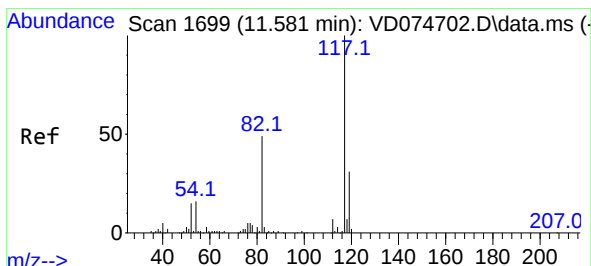
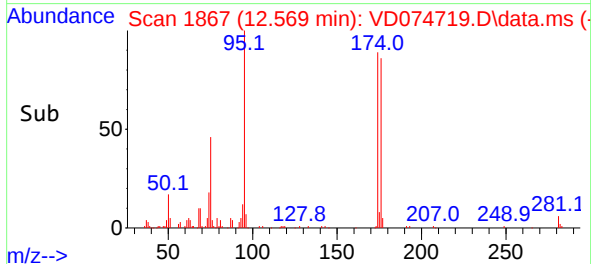
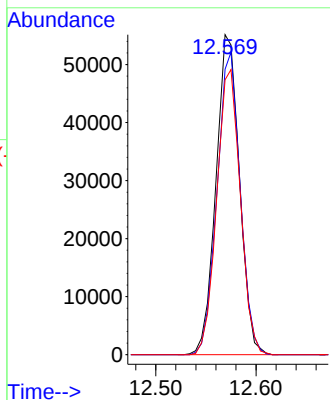
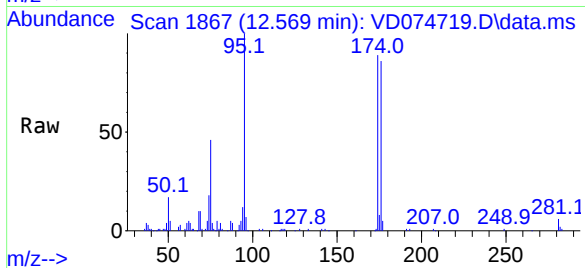




#62
4-Bromofluorobenzene
Concen: 50.635 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074719.D
Acq: 03 Nov 2022 17:00

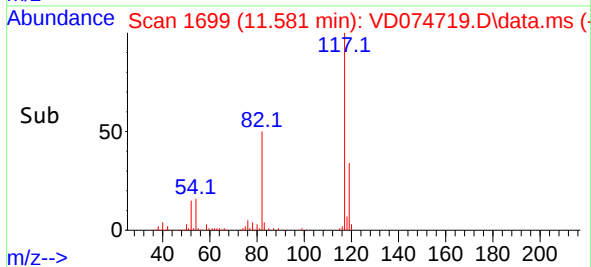
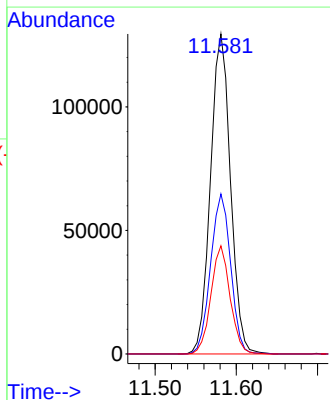
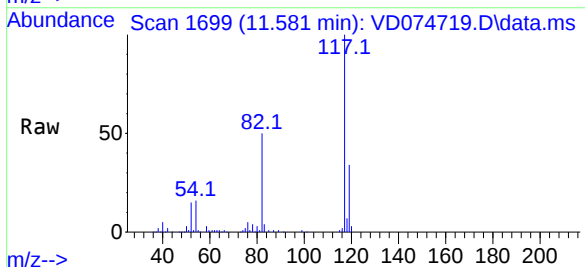
Instrument :
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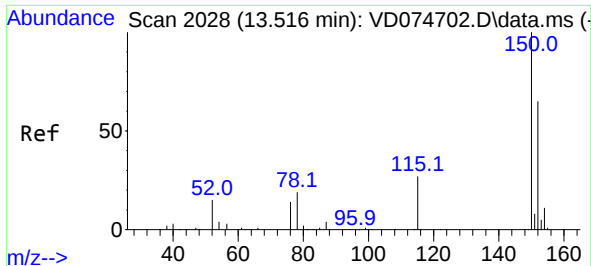
Tgt Ion:	95	Resp:	89525
Ion	Ratio	Lower	Upper
95	100		
174	93.2	0.0	197.0
176	89.6	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074719.D
Acq: 03 Nov 2022 17:00

Tgt Ion:	117	Resp:	221749
Ion	Ratio	Lower	Upper
117	100		
82	50.0	41.6	62.4
119	33.8	25.2	37.8

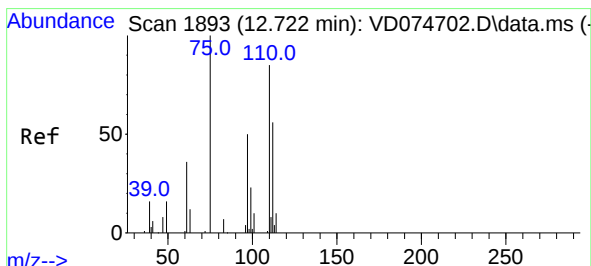
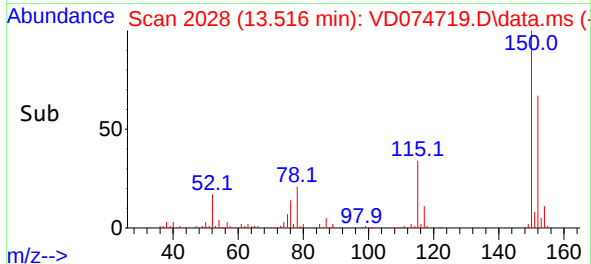
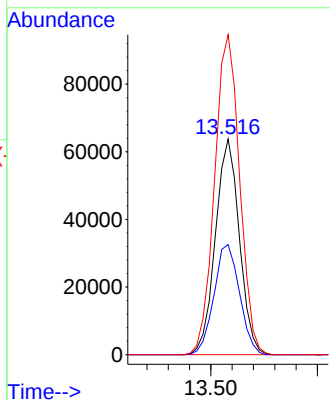
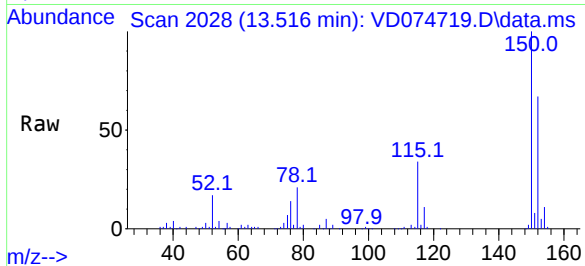




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD074719.D
 Acq: 03 Nov 2022 17:00

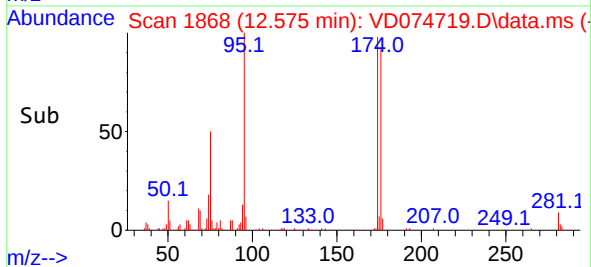
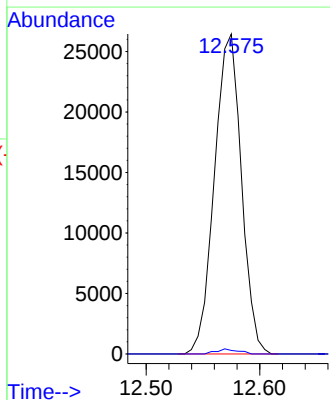
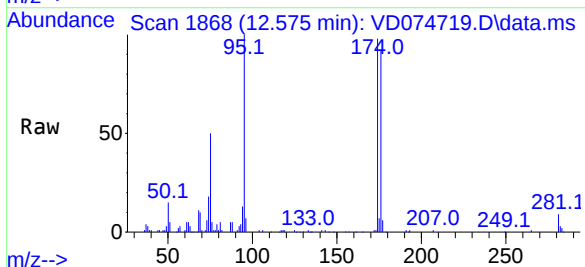
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-H

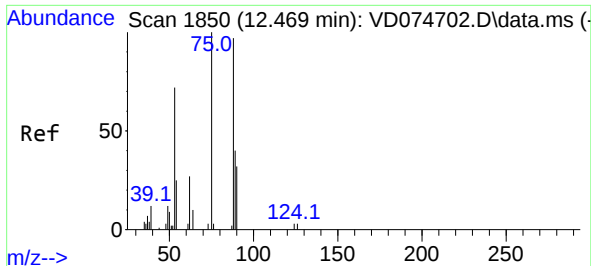
Tgt Ion:152 Resp: 99579
 Ion Ratio Lower Upper
 152 100
 115 54.5 26.8 80.4
 150 154.8 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 56.433 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD074719.D
 Acq: 03 Nov 2022 17:00

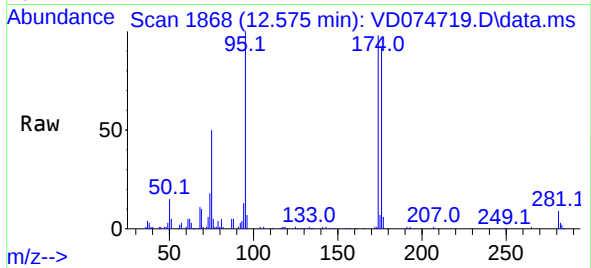
Tgt Ion: 75 Resp: 43563
 Ion Ratio Lower Upper
 75 100
 77 1.3 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 133.958 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD074719.D
 Acq: 03 Nov 2022 17:00

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-H



Tgt Ion:	75	Resp:	43563
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

