

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042723\
 Data File : VD075863.D
 Acq On : 27 Apr 2023 16:08
 Operator : KP/SY
 Sample : VIBLK
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK109

Quant Time: Apr 28 02:58:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 27 02:02:18 2023
 Response via : Initial Calibration

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

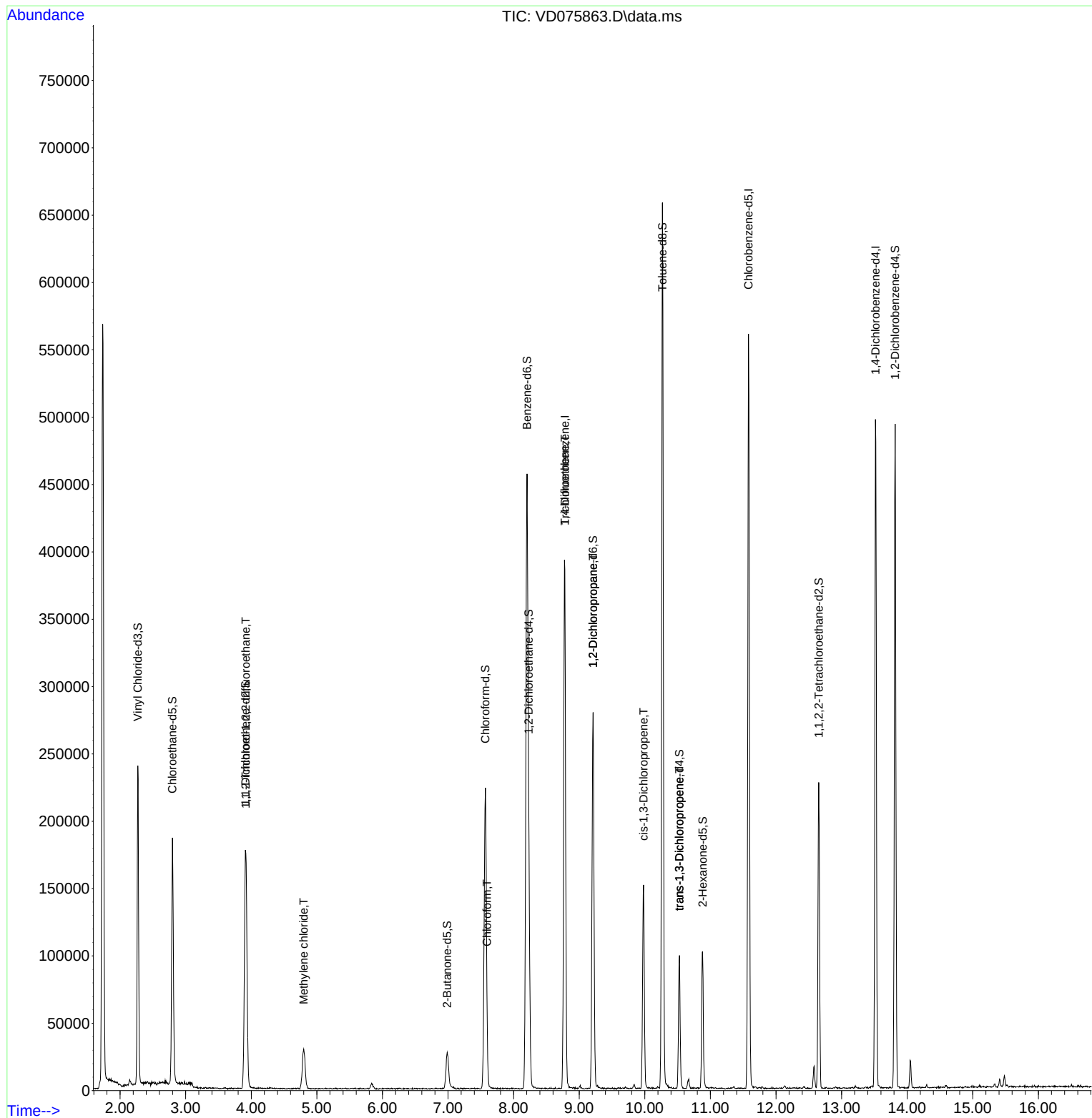
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	384961	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	360965	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	143345	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	228040	27.003	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.000%
7) Chloroethane-d5	2.799	69	193851	26.567	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.280%
11) 1,1-Dichloroethene-d2	3.911	65	29427	15.114	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.440%
21) 2-Butanone-d5	6.987	46	45426	61.961	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.920%
24) Chloroform-d	7.569	84	239317	24.860	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.440%
26) 1,2-Dichloroethane-d4	8.228	65	110116	26.786	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.160%
32) Benzene-d6	8.204	84	527707	25.083	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.320%
36) 1,2-Dichloropropane-d6	9.210	67	148729	25.540	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.160%
41) Toluene-d8	10.269	98	483417	24.544	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.160%
43) trans-1,3-Dichloroprop...	10.528	79	58083	24.131	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.520%
47) 2-Hexanone-d5	10.881	63	39917	56.930	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.860%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	122087	27.398	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.600%
66) 1,2-Dichlorobenzene-d4	13.816	152	142763	28.157	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.640%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	3.916	101	1431	0.274	ug/L #	21
16) Methylene chloride	4.799	84	26069	3.338	ug/L	96
25) Chloroform	7.593	83	4580	0.491	ug/L #	65
34) Trichloroethene	8.781	95	9293	1.646	ug/L #	2
37) 1,2-Dichloropropane	9.210	63	15370	3.064	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	4184	0.525	ug/L	90
44) trans-1,3-Dichloropropene	10.528	75	2715	0.424	ug/L #	63

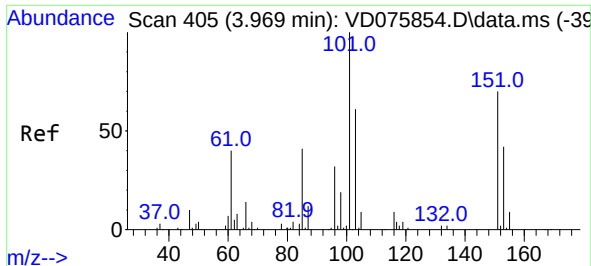
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Apr 27 02:02:18 2023
Response via : Initial Calibration

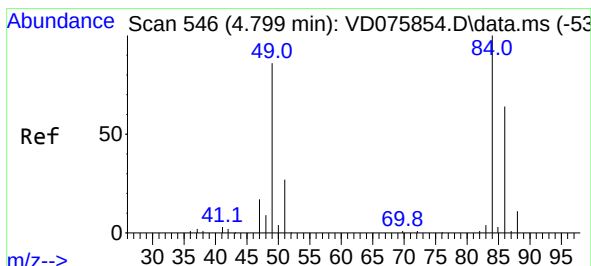
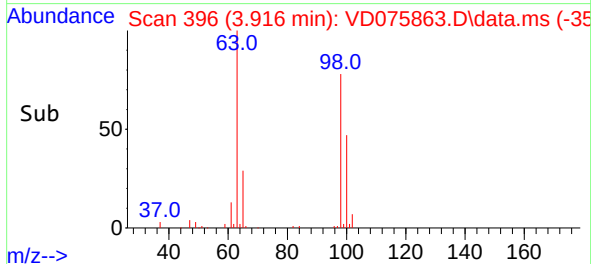
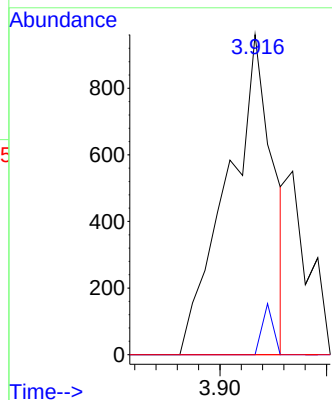
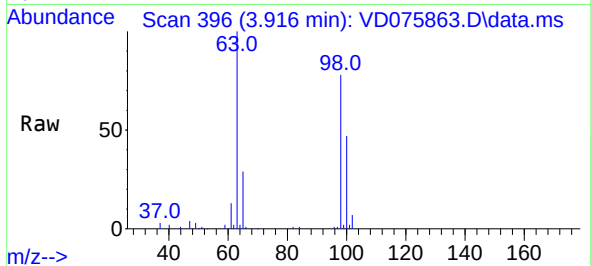




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.274 ug/L
RT: 3.916 min Scan# 396
Delta R.T. -0.047 min
Lab File: VD075863.D
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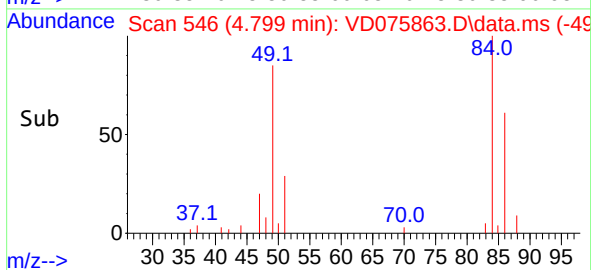
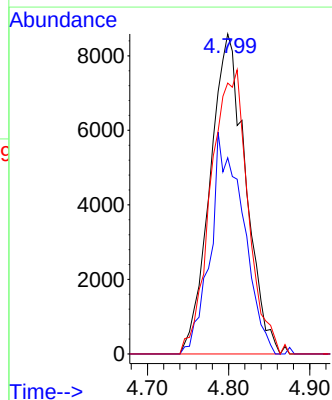
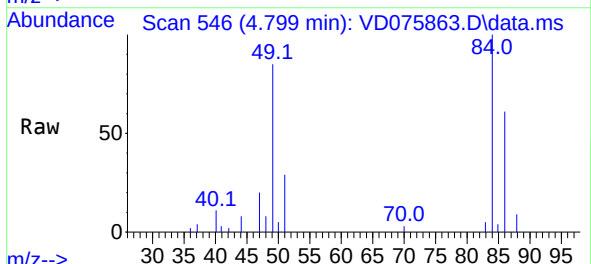
Instrument :
MSVOA_D
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VIBLK109

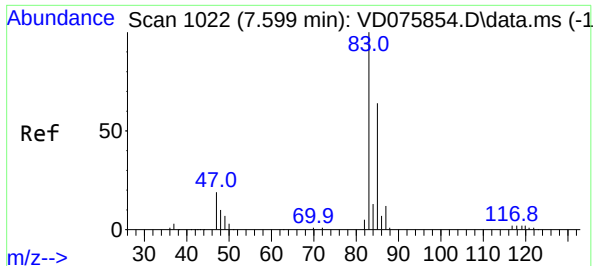
Tgt Ion:101 Resp: 1431
Ion Ratio Lower Upper
101 100
85 0.0 32.9 49.3#
151 0.0 57.2 85.8#



#16
Methylene chloride
Concen: 3.338 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075863.D
Acq: 27 Apr 2023 16:08

Tgt Ion: 84 Resp: 26069
Ion Ratio Lower Upper
84 100
86 61.3 45.8 85.2
49 84.7 60.8 112.8





#25

Chloroform

Concen: 0.491 ug/L

RT: 7.593 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD075863.D

Acq: 27 Apr 2023 16:08

Instrument :

MSVOA_D

ClientSampleId :

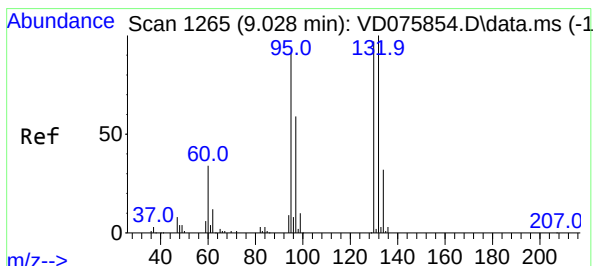
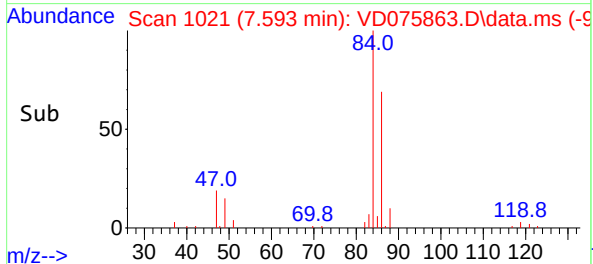
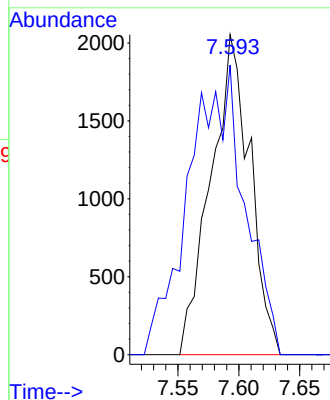
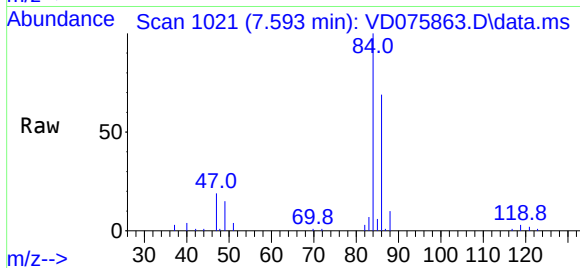
VIBLK109

Tgt Ion: 83 Resp: 4580

Ion Ratio Lower Upper

83 100

85 90.5 44.4 82.5#



#34

Trichloroethene

Concen: 1.646 ug/L

RT: 8.781 min Scan# 1223

Delta R.T. -0.247 min

Lab File: VD075863.D

Acq: 27 Apr 2023 16:08

Tgt Ion: 95 Resp: 9293

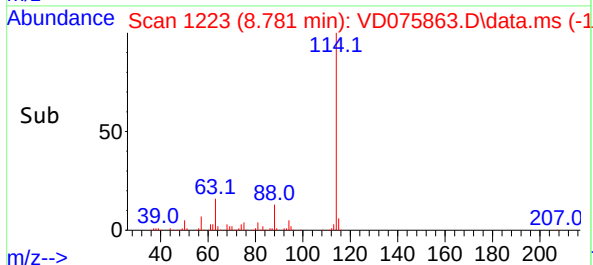
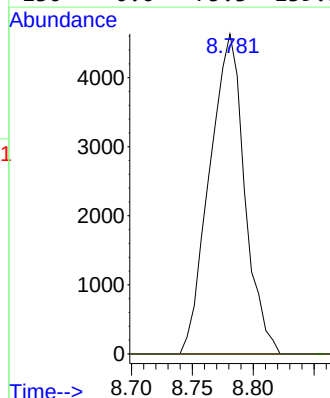
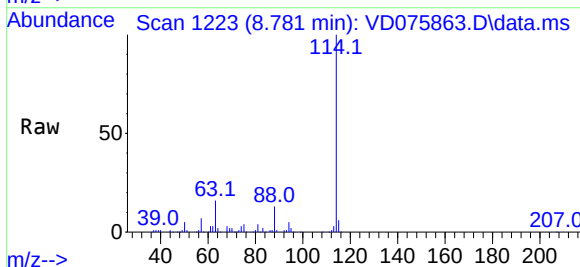
Ion Ratio Lower Upper

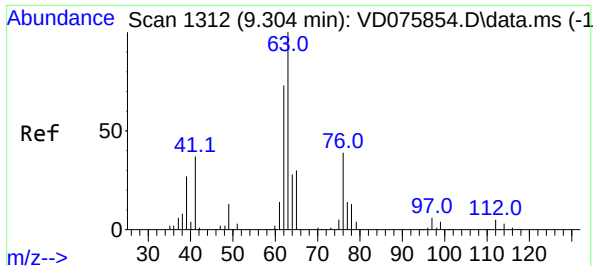
95 100

97 0.0 46.0 85.4#

132 0.0 73.3 136.1#

130 0.0 75.3 139.9#

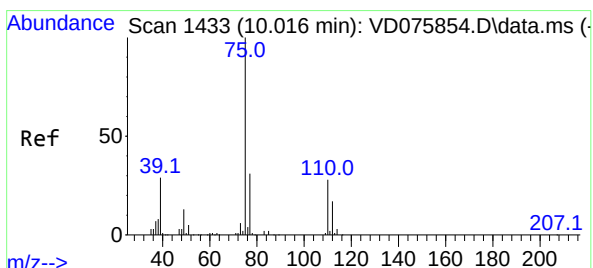
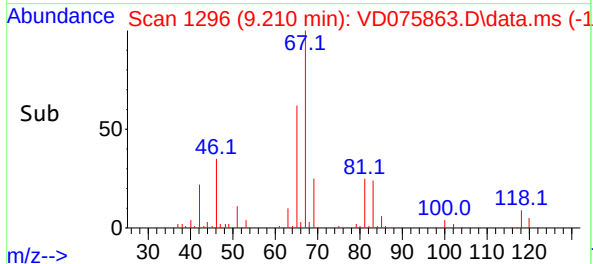
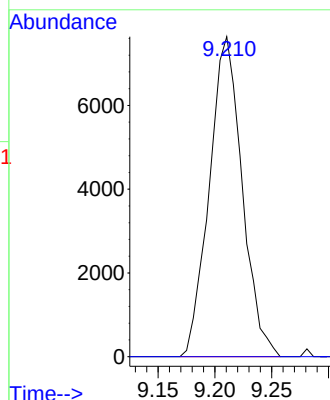
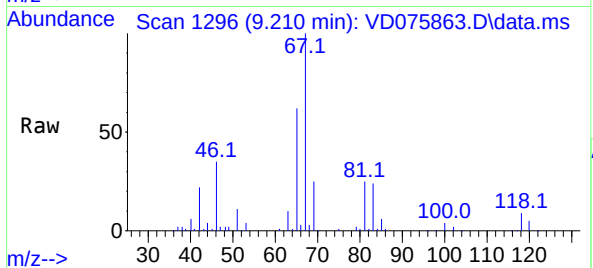




#37
1,2-Dichloropropane
Concen: 3.064 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD075863.D
Acq: 27 Apr 2023 16:08

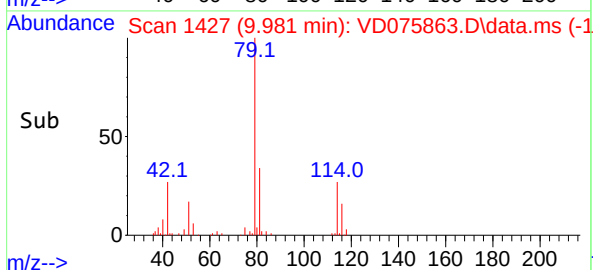
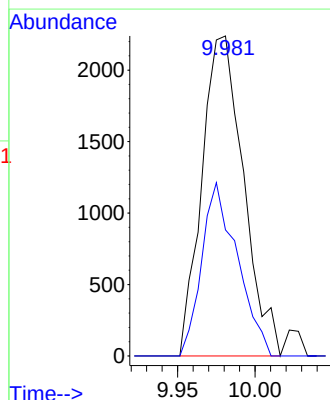
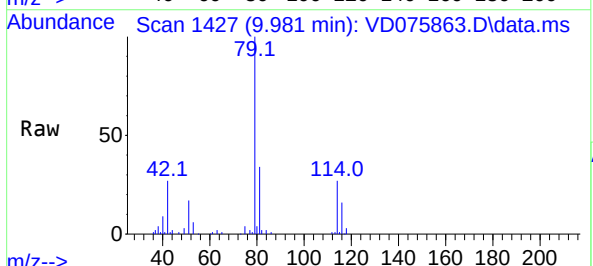
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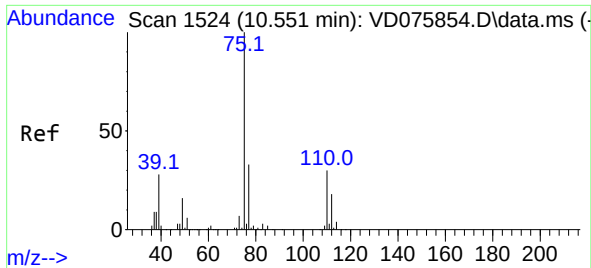
Tgt Ion: 63 Resp: 15370
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.525 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD075863.D
Acq: 27 Apr 2023 16:08

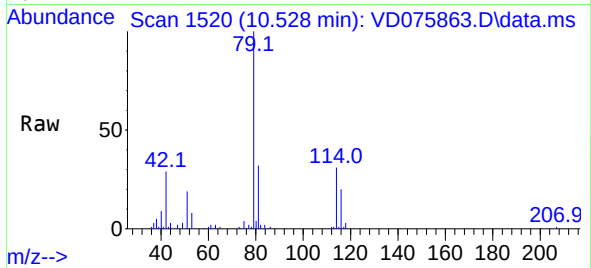
Tgt Ion: 75 Resp: 4184
Ion Ratio Lower Upper
75 100
77 39.4 23.4 43.6





#44
trans-1,3-Dichloropropene
Concen: 0.424 ug/L
RT: 10.528 min Scan# 11
Delta R.T. -0.024 min
Lab File: VD075863.D
Acq: 27 Apr 2023 16:08

Instrument :
MSVOA_D
ClientSampleId :
VIBLK109



Tgt Ion: 75 Resp: 2715
Ion Ratio Lower Upper
75 100
77 52.0 22.0 41.0#

