

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051223\
 Data File : VD076106.D
 Acq On : 12 May 2023 14:38
 Operator : KP/SY
 Sample : 02591-25
 Misc : 4.86G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JREB5

Quant Time: May 14 23:56:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun May 14 23:54:23 2023
 Response via : Initial Calibration

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

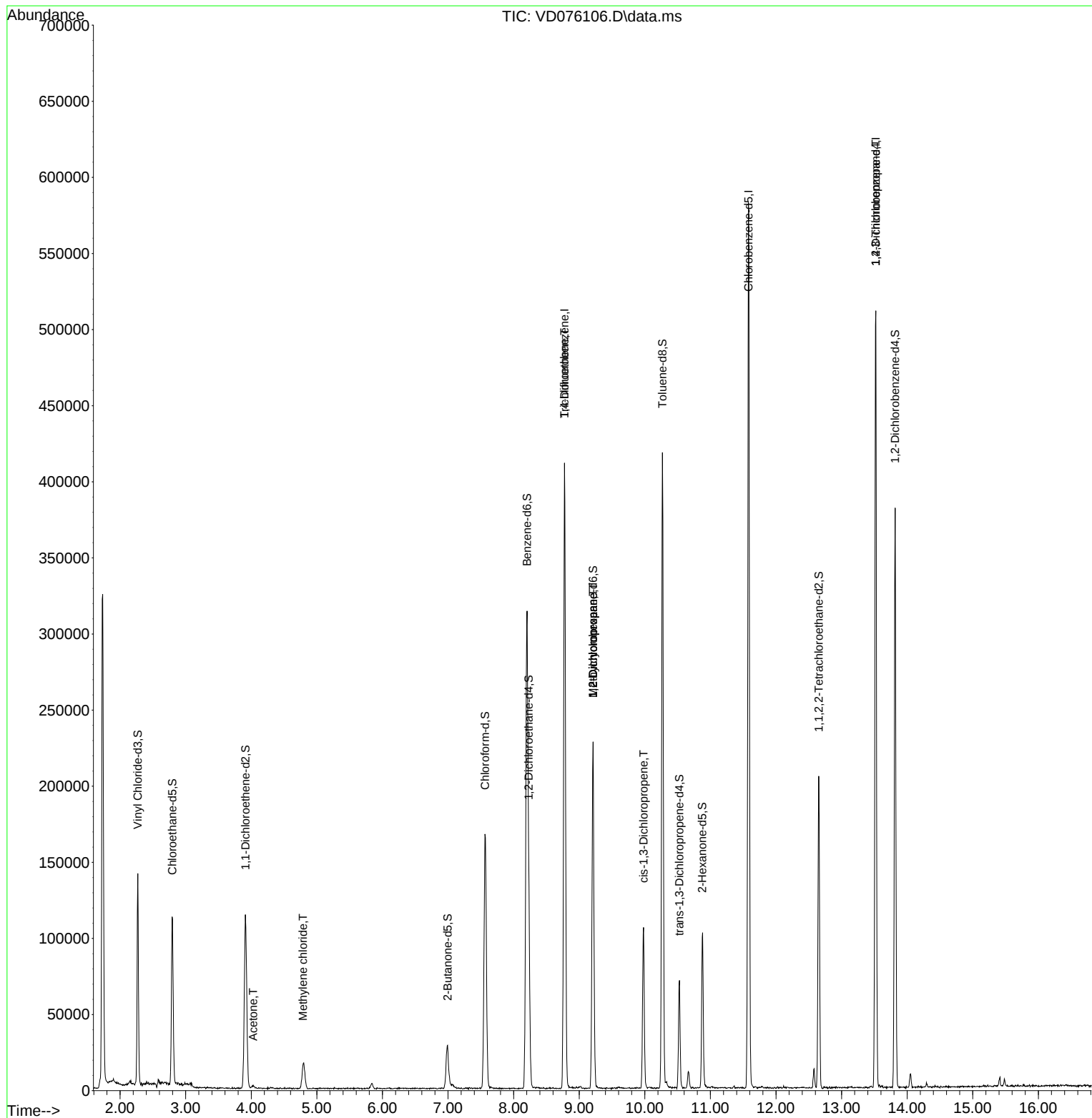
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	391198	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	368659	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	154019	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	127537	21.312	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.240%
7) Chloroethane-d5	2.799	69	121166	22.054	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	3.911	65	32119	21.320	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.280%
21) 2-Butanone-d5	6.993	46	46942	58.259	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.520%
24) Chloroform-d	7.563	84	180683	22.046	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	8.228	65	86740	24.077	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.320%
32) Benzene-d6	8.205	84	352639	21.217	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.880%
36) 1,2-Dichloropropane-d6	9.210	67	116855	22.817	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.280%
41) Toluene-d8	10.269	98	305754	20.643	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.560%
43) trans-1,3-Dichloroprop...	10.528	79	42162	21.931	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.720%
47) 2-Hexanone-d5	10.875	63	37399	49.867	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.740%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	108732	24.654	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	13.816	152	110618	25.142	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.560%
Target Compounds						
					Qvalue	
13) Acetone	4.028	43	2122	2.956	ug/L	54
16) Methylene chloride	4.787	84	7158	1.125	ug/L	91
34) Trichloroethene	8.775	95	9662	1.826	ug/L #	2
35) Methylcyclohexane	9.210	83	28113	3.507	ug/L #	24
37) 1,2-Dichloropropane	9.210	63	11352	2.172	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	2875	0.382	ug/L #	56
61) 1,2,3-Trichloropropane	13.522	75	16730	6.753	ug/L #	61

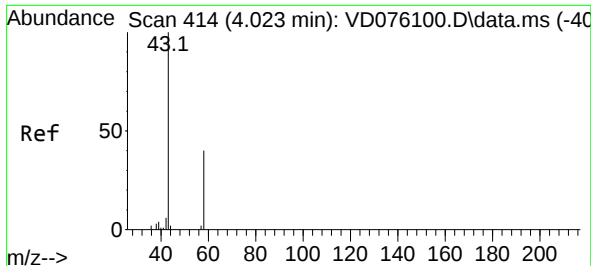
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sun May 14 23:54:23 2023
Response via : Initial Calibration





#13

Acetone

Concen: 2.956 ug/L

RT: 4.028 min Scan# 414

Delta R.T. 0.006 min

Lab File: VD076106.D

Acq: 12 May 2023 14:38

Instrument :

MSVOA_D

ClientSampleId :

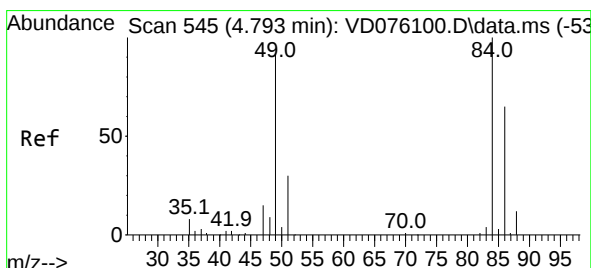
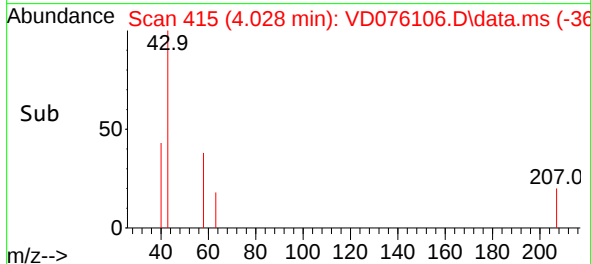
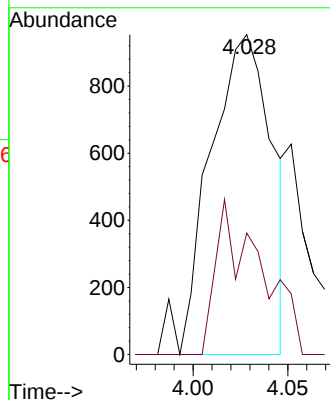
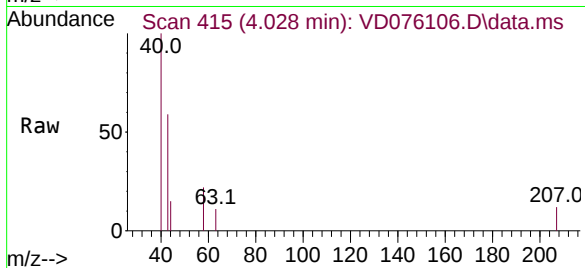
JREB5

Tgt Ion: 43 Resp: 2122

Ion Ratio Lower Upper

43 100

58 13.9 0.0 87.4



#16

Methylene chloride

Concen: 1.125 ug/L

RT: 4.787 min Scan# 544

Delta R.T. -0.006 min

Lab File: VD076106.D

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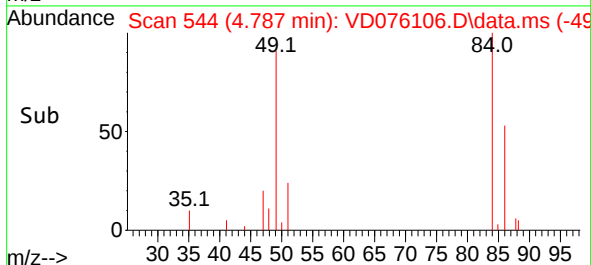
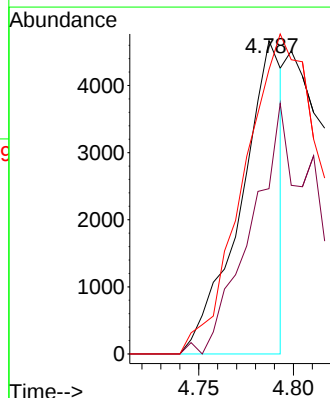
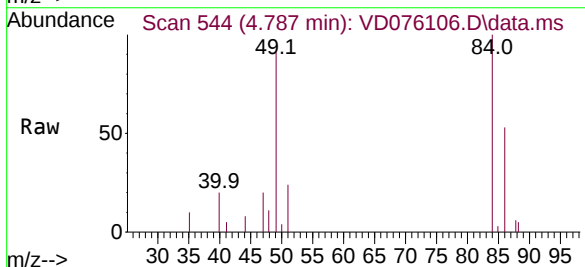
Tgt Ion: 84 Resp: 7158

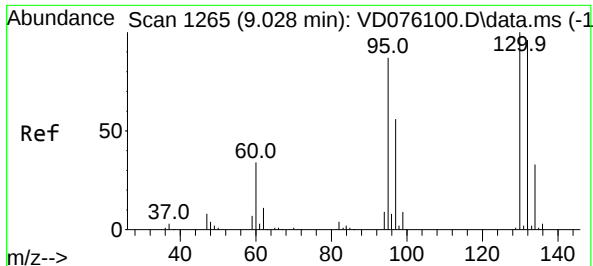
Ion Ratio Lower Upper

84 100

86 52.8 45.8 85.2

49 90.7 60.8 112.8

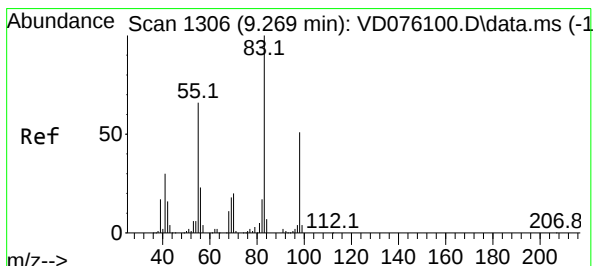
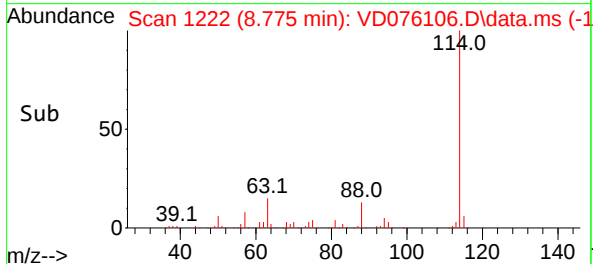
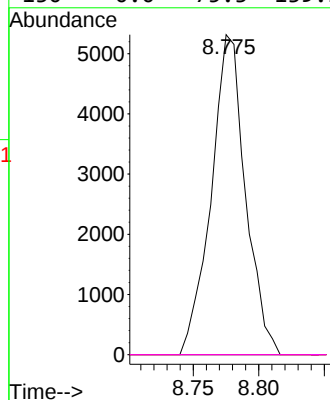
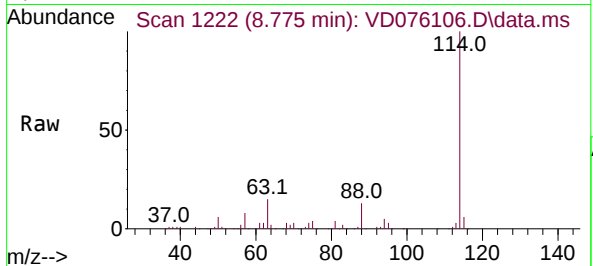




#34
Trichloroethene
Concen: 1.826 ug/L
RT: 8.775 min Scan# 11
Delta R.T. -0.253 min
Lab File: VD076106.D
Acq: 12 May 2023 14:38

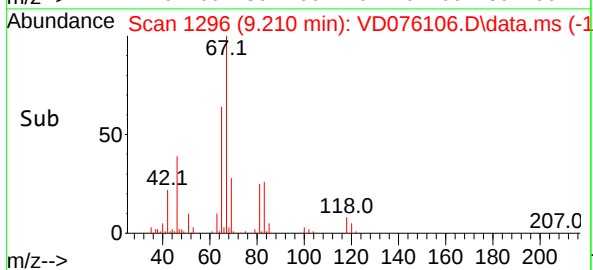
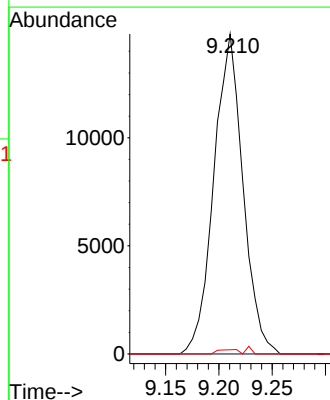
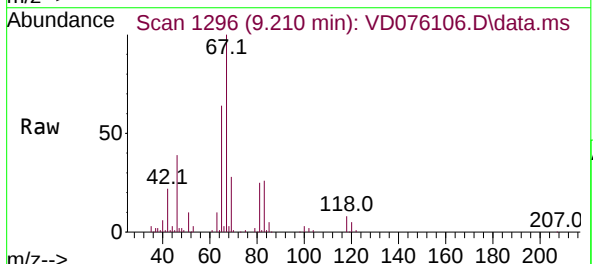
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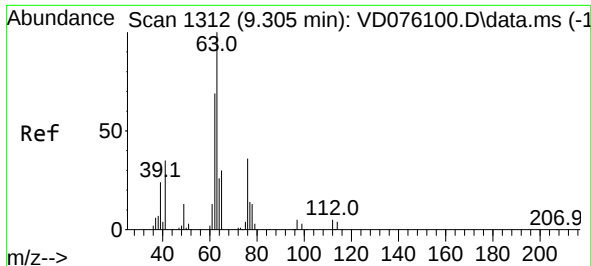
Tgt Ion: 95	Resp: 9662
Ion Ratio	Lower Upper
95 100	
97 0.0	46.0 85.4#
132 0.0	73.3 136.1#
130 0.0	75.3 139.9#



#35
Methylcyclohexane
Concen: 3.507 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.059 min
Lab File: VD076106.D
Acq: 12 May 2023 14:38

Tgt Ion: 83	Resp: 28113
Ion Ratio	Lower Upper
83 100	
55 0.0	48.2 72.2#
98 0.5	40.8 61.2#

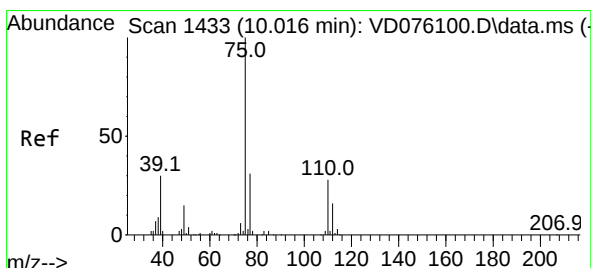
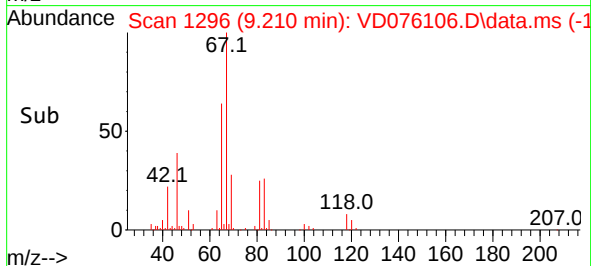
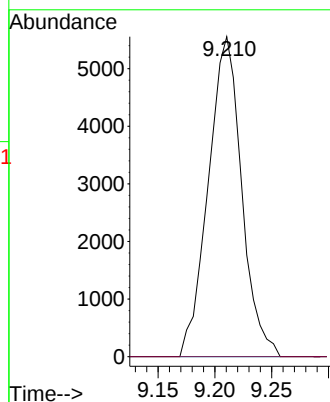
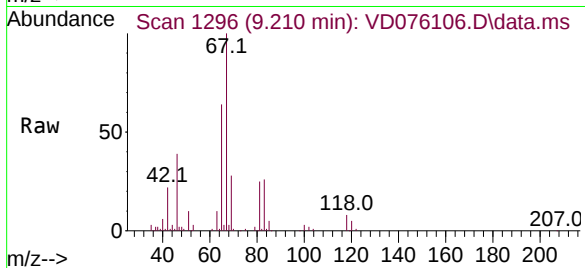




#37
1,2-Dichloropropane
Concen: 2.172 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD076106.D
Acq: 12 May 2023 14:38

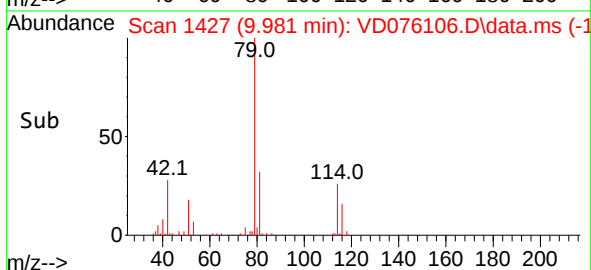
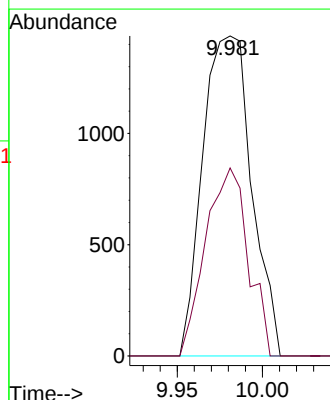
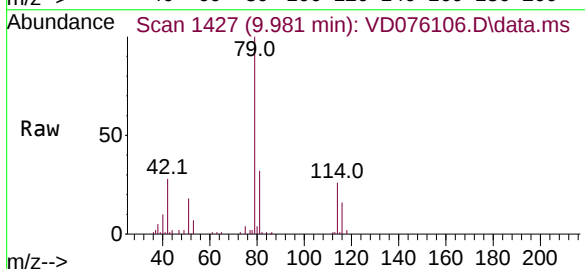
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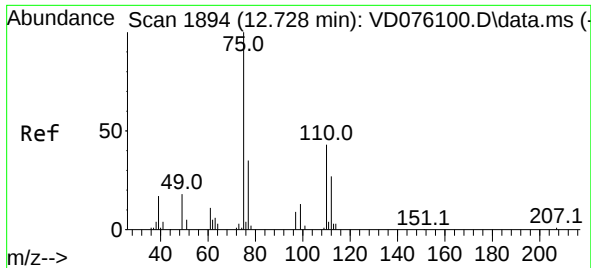
Tgt Ion: 63 Resp: 11352
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.382 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD076106.D
Acq: 12 May 2023 14:38

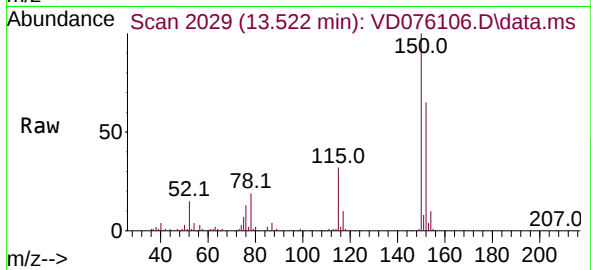
Tgt Ion: 75 Resp: 2875
Ion Ratio Lower Upper
75 100
77 58.8 23.4 43.6#





#61
 1,2,3-Trichloropropane
 Concen: 6.753 ug/L
 RT: 13.522 min Scan# 20
 Delta R.T. 0.794 min
 Lab File: VD076106.D
 Acq: 12 May 2023 14:38

Instrument :
 MSVOA_D
 ClientSampleId :
 JREB5



Tgt Ion: 75 Resp: 16730
 Ion Ratio Lower Upper
 75 100
 77 28.2 26.6 39.8
 110 1.8 33.5 50.3#

