

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062823\
 Data File : VD076621.D
 Acq On : 28 Jun 2023 17:26
 Operator : KP/SY
 Sample : 03422-24
 Misc : 5.68G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46G3

Quant Time: Jun 29 01:31:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

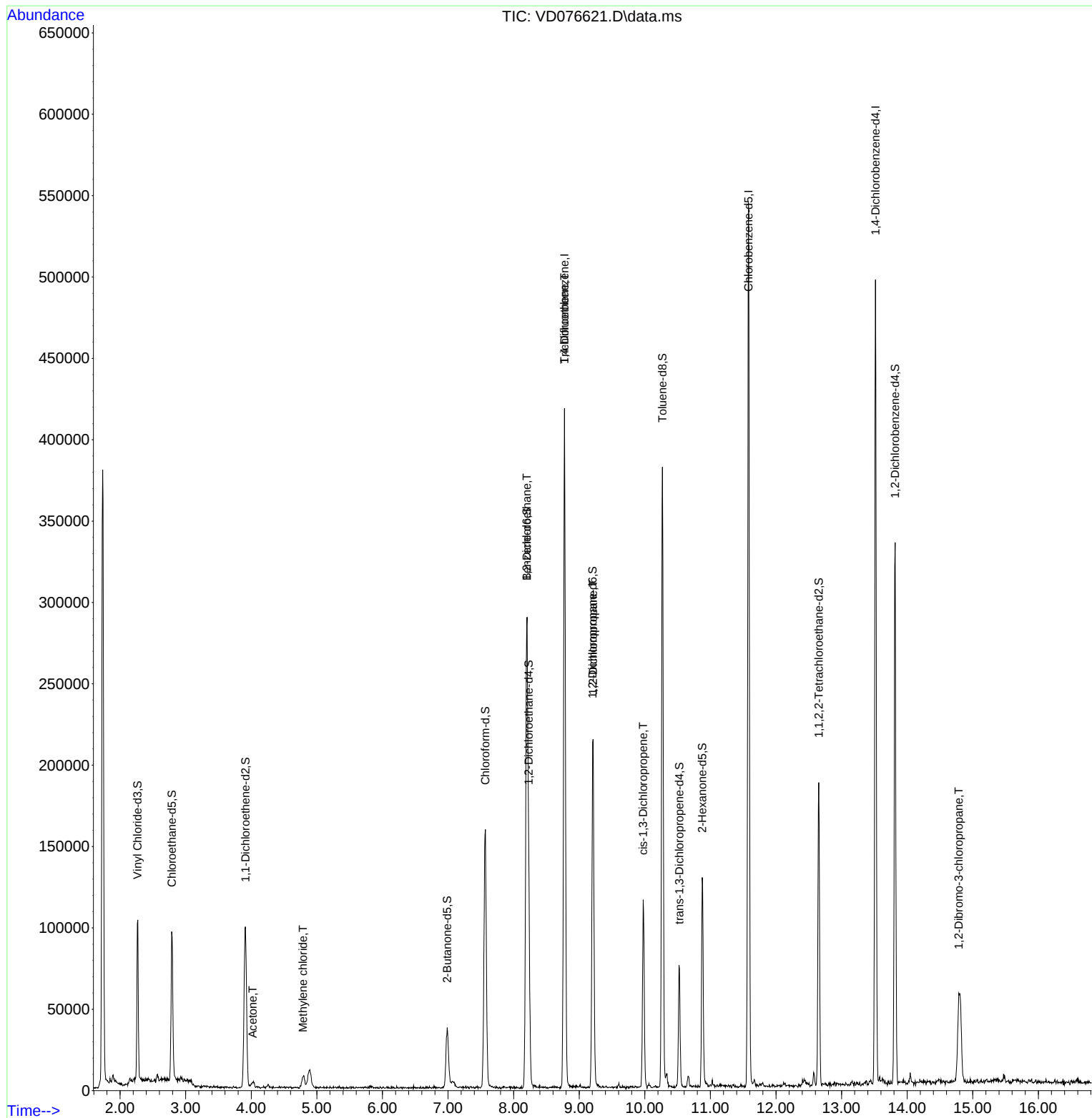
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	350520	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	304154	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	126906	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.264	65	89614	10.498	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	42.000%
7) Chloroethane-d5	2.787	69	90884	13.167	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.680%
11) 1,1-Dichloroethene-d2	3.911	65	28878	12.960	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.840%
21) 2-Butanone-d5	6.987	46	62971	48.710	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.420%
24) Chloroform-d	7.569	84	159998	17.326	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	69.320%
26) 1,2-Dichloroethane-d4	8.228	65	85715	18.815	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.240%
32) Benzene-d6	8.199	84	295374	15.875	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	63.520%
36) 1,2-Dichloropropane-d6	9.205	67	106014	17.851	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	71.400%
41) Toluene-d8	10.269	98	260682	15.132	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	60.520%
43) trans-1,3-Dichloroprop...	10.528	79	39439	15.966	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.880%
47) 2-Hexanone-d5	10.875	63	44612	48.392	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.780%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	93824	22.206	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.840%
66) 1,2-Dichlorobenzene-d4	13.816	152	83089	17.862	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.440%#
Target Compounds						
					Qvalue	
13) Acetone	4.022	43	5826	5.580	ug/L	77
16) Methylene chloride	4.787	84	3052	0.501	ug/L	77
27) 1,2-Dichloroethane	8.199	62	1989	0.357	ug/L #	71
34) Trichloroethene	8.775	95	10364	2.004	ug/L #	4
37) 1,2-Dichloropropane	9.210	63	12027	2.191	ug/L #	88
39) cis-1,3-Dichloropropene	9.975	75	3849	0.459	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.787	75	2836	5.167	ug/L #	1

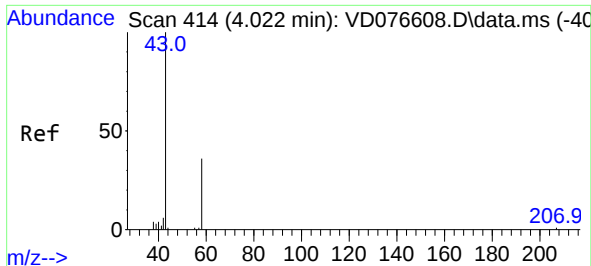
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration

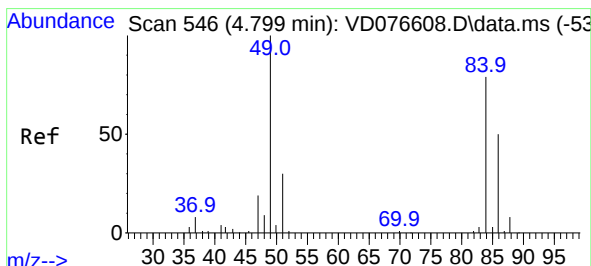
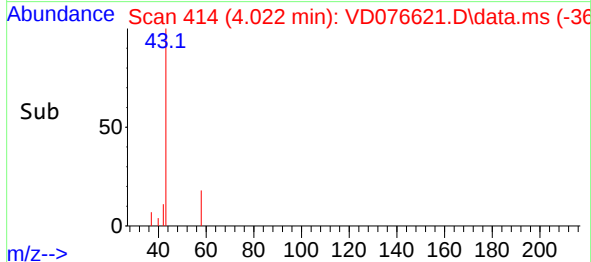
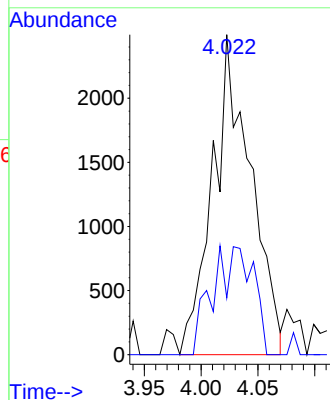
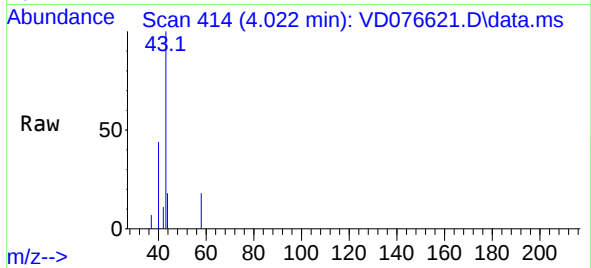




#13
Acetone
Concen: 5.580 ug/L
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076621.D
Acq: 28 Jun 2023 17:26

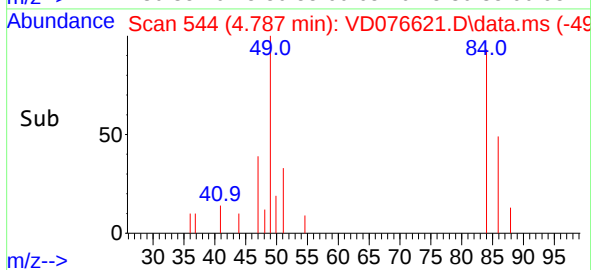
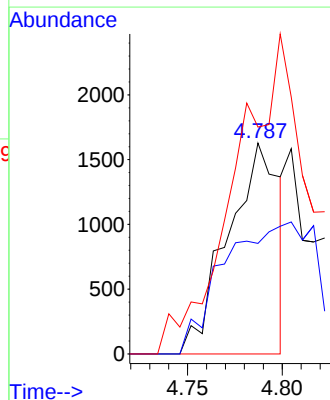
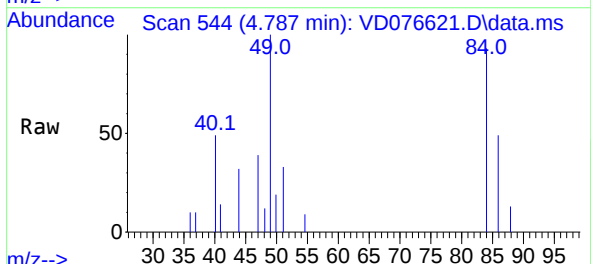
Instrument :
MSVOA_D
ClientSampleId :
A46G3

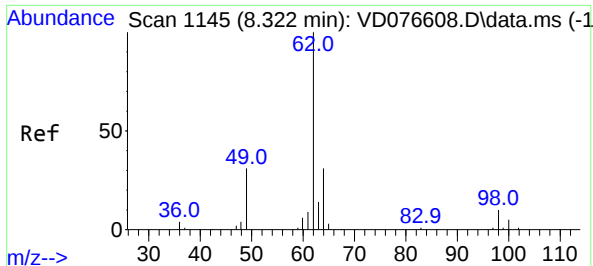
Tgt Ion: 43 Resp: 5826
Ion Ratio Lower Upper
43 100
58 20.6 0.0 67.4



#16
Methylene chloride
Concen: 0.501 ug/L
RT: 4.787 min Scan# 544
Delta R.T. 0.000 min
Lab File: VD076621.D
Acq: 28 Jun 2023 17:26

Tgt Ion: 84 Resp: 3052
Ion Ratio Lower Upper
84 100
86 52.4 45.1 83.9
49 107.6 97.2 180.6

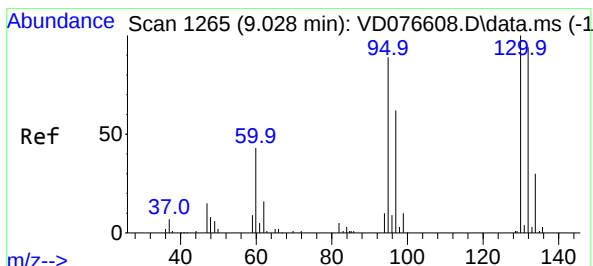
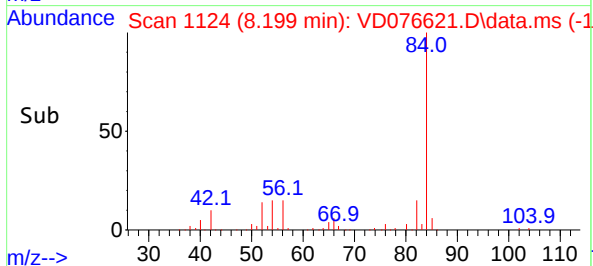
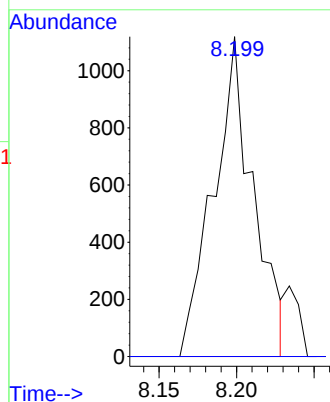
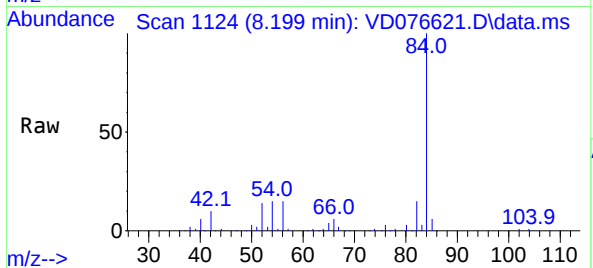




#27
1,2-Dichloroethane
Concen: 0.357 ug/L
RT: 8.199 min Scan# 1145
Delta R.T. -0.123 min
Lab File: VD076621.D
Acq: 28 Jun 2023 17:26

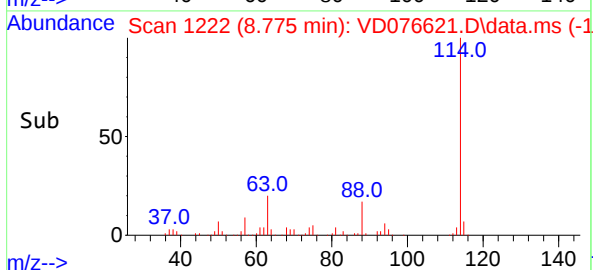
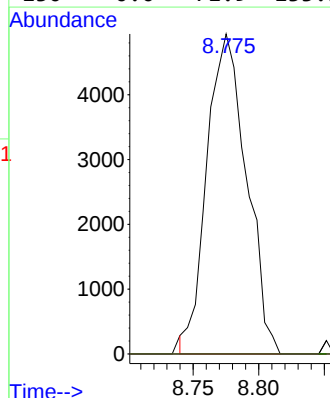
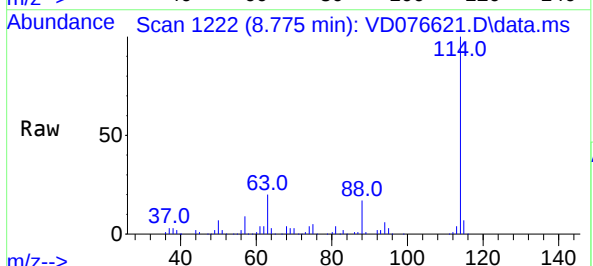
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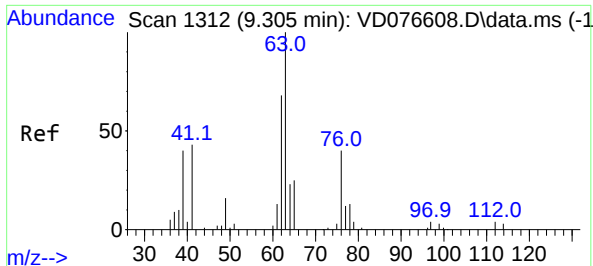
Tgt Ion: 62 Resp: 1989
Ion Ratio Lower Upper
62 100
98 0.0 8.7 13.1#



#34
Trichloroethene
Concen: 2.004 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD076621.D
Acq: 28 Jun 2023 17:26

Tgt Ion: 95 Resp: 10364
Ion Ratio Lower Upper
95 100
97 0.0 43.1 80.1#
132 0.0 71.8 133.4#
130 0.0 71.9 133.5#

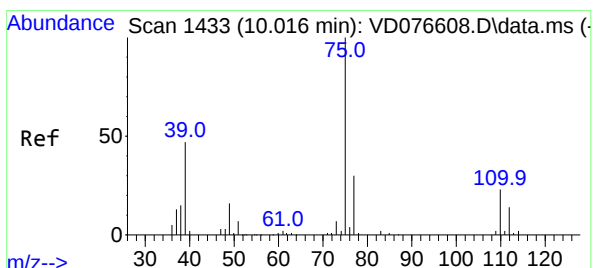
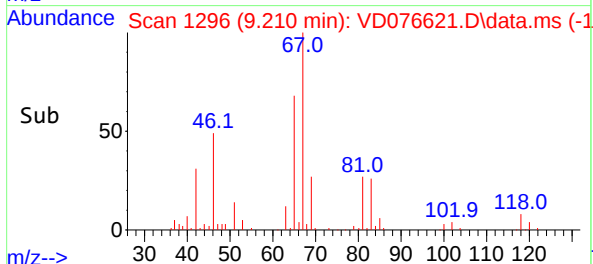
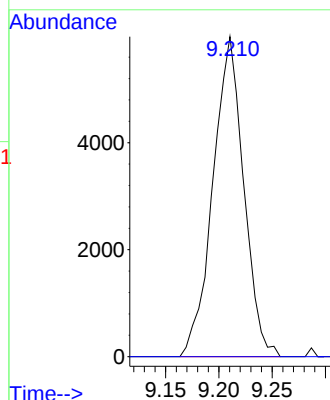
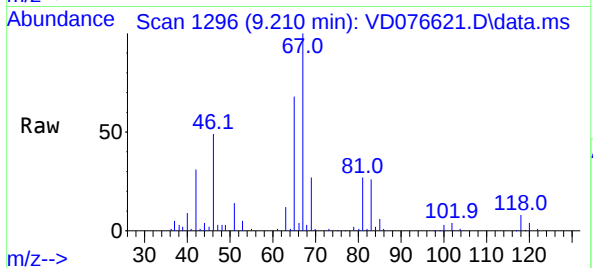




#37
1,2-Dichloropropane
Concen: 2.191 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD076621.D
Acq: 28 Jun 2023 17:26

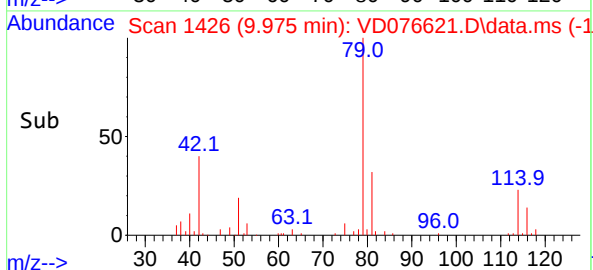
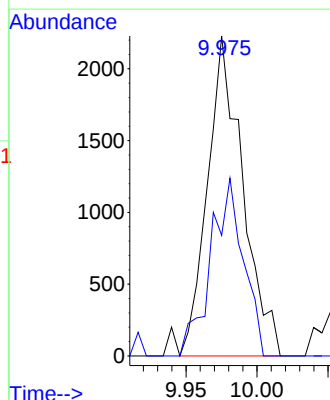
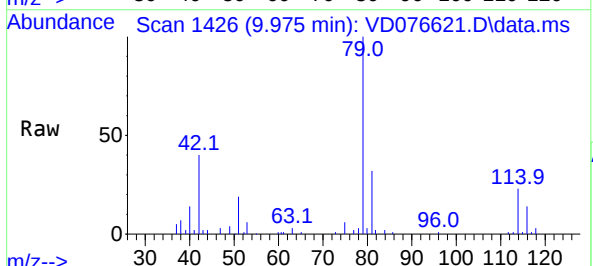
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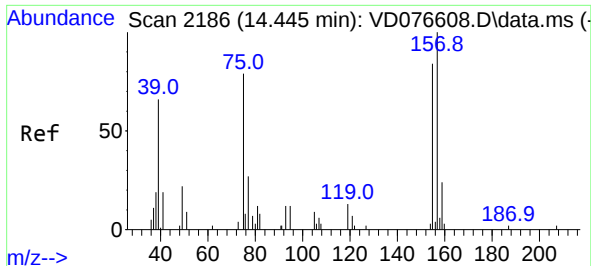
Tgt Ion: 63 Resp: 12027
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#39
cis-1,3-Dichloropropene
Concen: 0.459 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD076621.D
Acq: 28 Jun 2023 17:26

Tgt Ion: 75 Resp: 3849
Ion Ratio Lower Upper
75 100
77 37.7 22.7 42.3





#68

1,2-Dibromo-3-chloropropane

Concen: 5.167 ug/L

RT: 14.787 min Scan# 21

Delta R.T. 0.341 min

Lab File: VD076621.D

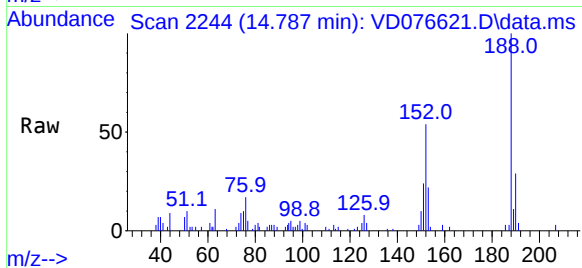
Acq: 28 Jun 2023 17:26

Instrument :

MSVOA_D

ClientSampleId :

A46G3



Tgt Ion: 75 Resp: 2836

Ion Ratio Lower Upper

75 100

155 0.0 76.2 114.4#

157 0.0 89.4 134.2#

