

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050323\
 Data File : VD075988.D
 Acq On : 03 May 2023 18:26
 Operator : KP/SY
 Sample : 02593-10
 Misc : 3.57G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 04 03:09:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 04 02:54:49 2023
 Response via : Initial Calibration

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

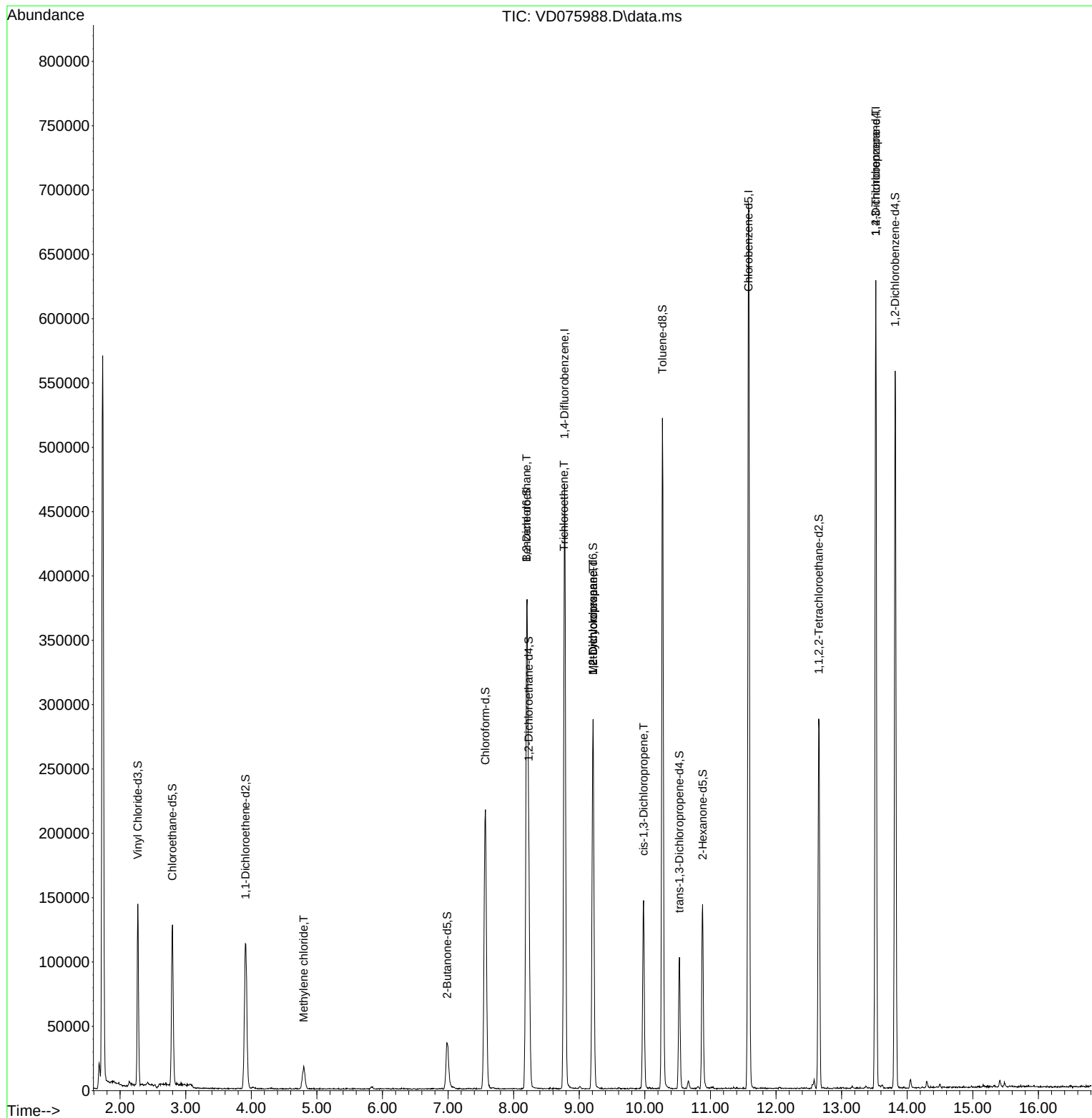
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	457734	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	445367	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	186050	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	132789	13.224	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.880%
7) Chloroethane-d5	2.799	69	135565	15.625	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.520%
11) 1,1-Dichloroethene-d2	3.910	65	32049	13.844	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.360%
21) 2-Butanone-d5	6.987	46	63153	72.446	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.900%#
24) Chloroform-d	7.569	84	237318	20.733	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.920%
26) 1,2-Dichloroethane-d4	8.228	65	115487	23.626	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.520%
32) Benzene-d6	8.198	84	434056	16.721	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	66.880%
36) 1,2-Dichloropropane-d6	9.210	67	150982	21.014	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.040%
41) Toluene-d8	10.269	98	380931	15.675	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	62.720%
43) trans-1,3-Dichloroprop...	10.528	79	59766	20.125	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.480%
47) 2-Hexanone-d5	10.880	63	52658	60.869	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.740%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	159363	28.986	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.960%
66) 1,2-Dichlorobenzene-d4	13.816	152	166973	25.373	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.480%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.798	84	15212	1.638	ug/L	92
27) 1,2-Dichloroethane	8.198	62	2066	0.361	ug/L #	68
34) Trichloroethene	8.769	95	11502	1.651	ug/L #	2
35) Methylcyclohexane	9.210	83	35939	3.346	ug/L #	24
37) 1,2-Dichloropropane	9.210	63	14615	2.362	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	3530	0.359	ug/L #	61
61) 1,2,3-Trichloropropane	13.522	75	20262	6.933	ug/L #	61

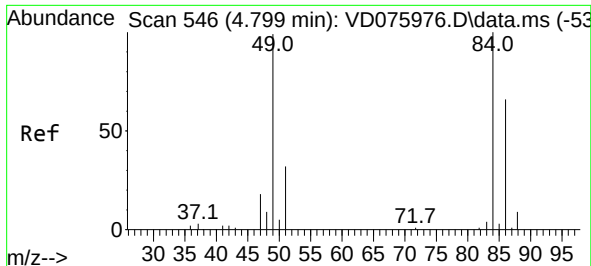
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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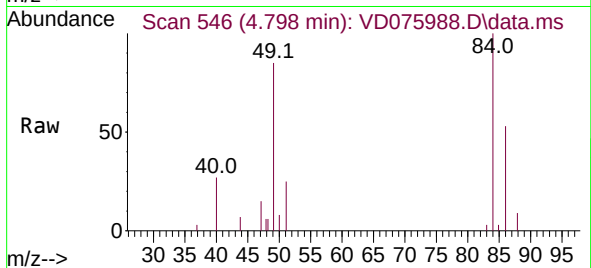
Quant Time: May 04 03:09:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
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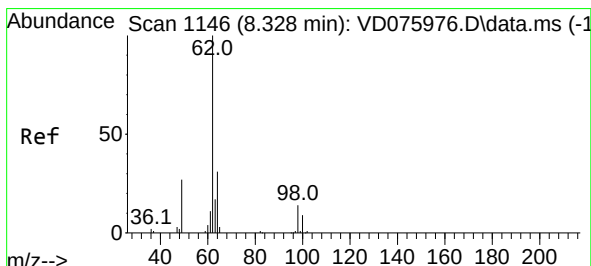
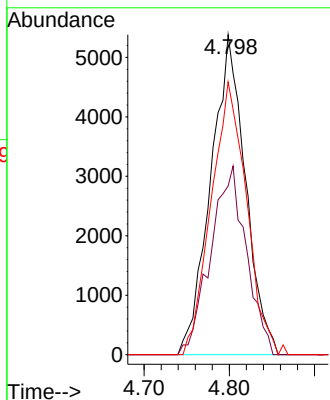
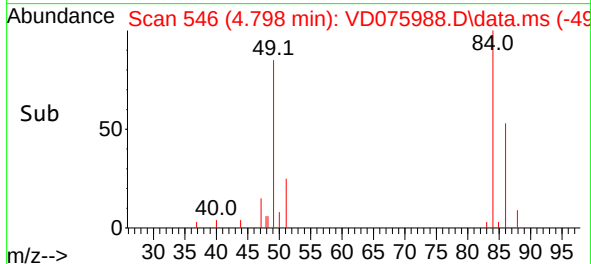


#16
Methylene chloride
Concen: 1.638 ug/L
RT: 4.798 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD075988.D
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Instrument :
MSVOA_D
ClientSampleId :

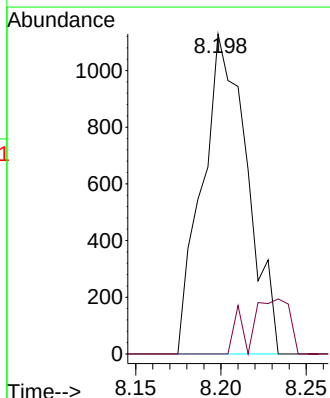
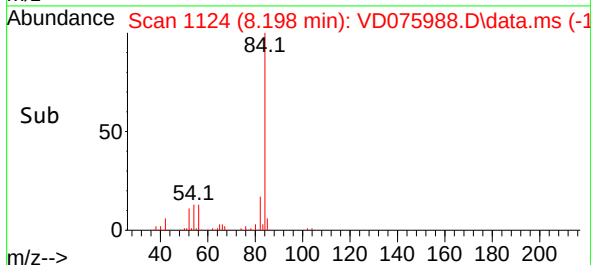
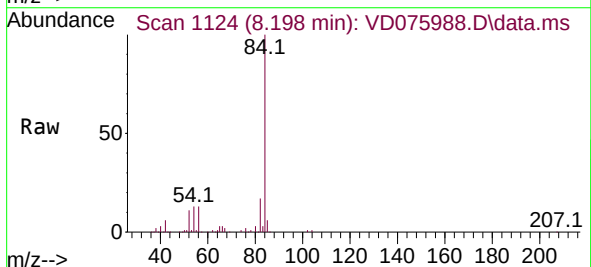


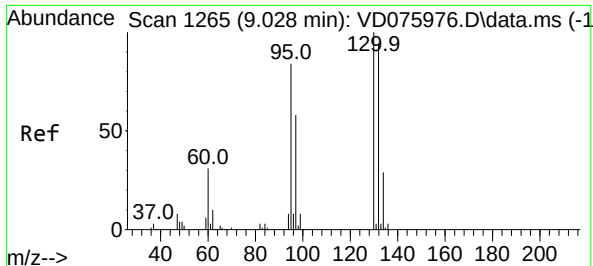
Tgt Ion: 84 Resp: 15212
Ion Ratio Lower Upper
84 100
86 52.7 45.8 85.2
49 85.2 60.8 112.8



#27
1,2-Dichloroethane
Concen: 0.361 ug/L
RT: 8.198 min Scan# 1124
Delta R.T. -0.130 min
Lab File: VD075988.D
Acq: 03 May 2023 18:26

Tgt Ion: 62 Resp: 2066
Ion Ratio Lower Upper
62 100
98 0.0 10.2 15.2#





#34

Trichloroethene

Concen: 1.651 ug/L

RT: 8.769 min Scan# 11502

Delta R.T. -0.259 min

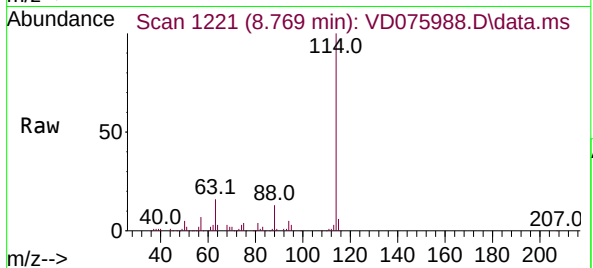
Lab File: VD075988.D

Acq: 03 May 2023 18:26

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 11502

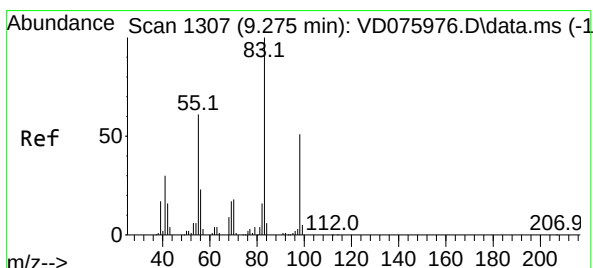
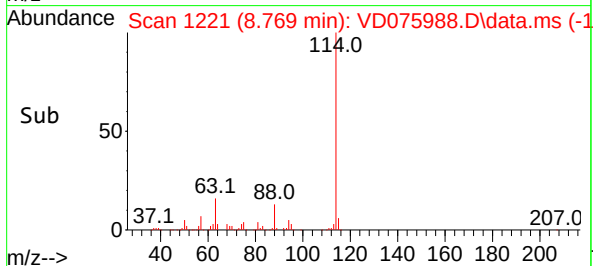
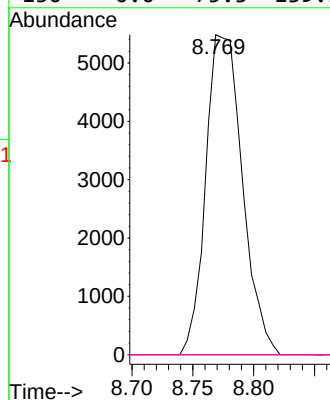
Ion Ratio Lower Upper

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: 3.346 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.065 min

Lab File: VD075988.D

Acq: 03 May 2023 18:26

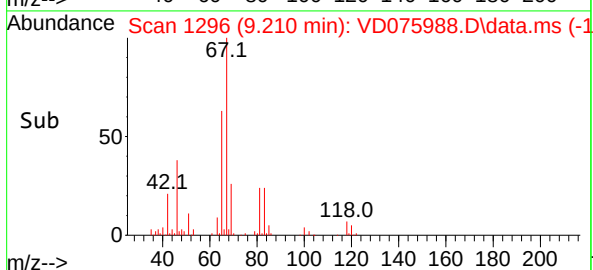
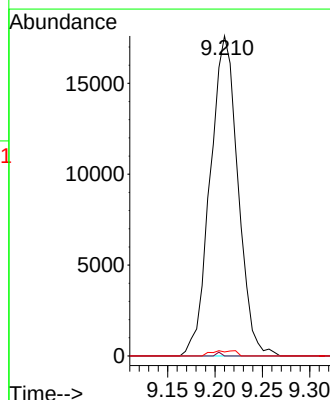
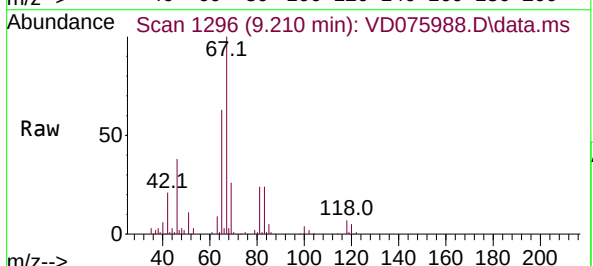
Tgt Ion: 83 Resp: 35939

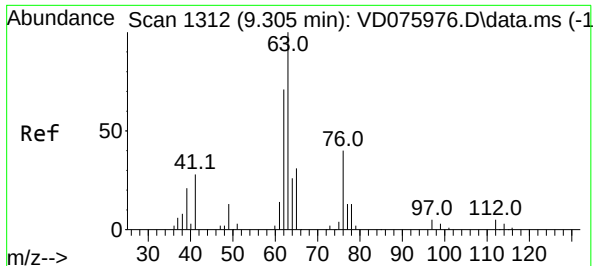
Ion Ratio Lower Upper

83 100

55 0.0 48.2 72.2#

98 0.9 40.8 61.2#





#37

1,2-Dichloropropane

Concen: 2.362 ug/L

RT: 9.210 min Scan# 11

Delta R.T. -0.095 min

Lab File: VD075988.D

Acq: 03 May 2023 18:26

Instrument :

MSVOA_D

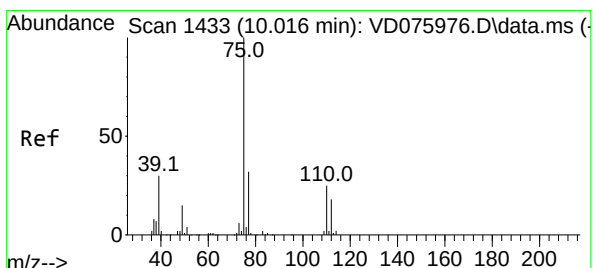
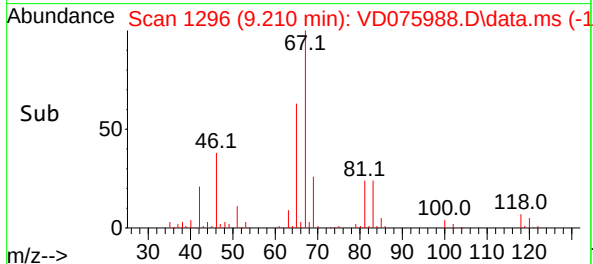
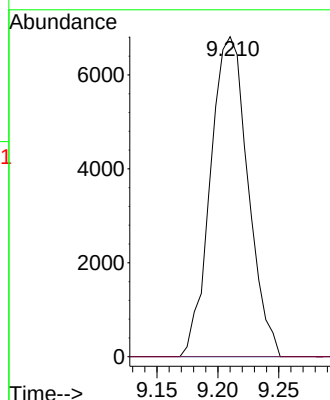
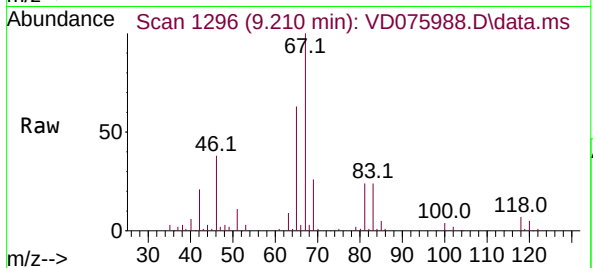
ClientSampleId :

Tgt Ion: 63 Resp: 14615

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.359 ug/L

RT: 9.981 min Scan# 1427

Delta R.T. -0.036 min

Lab File: VD075988.D

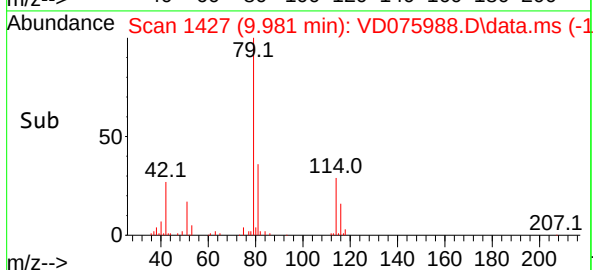
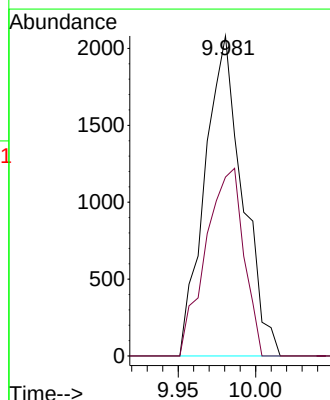
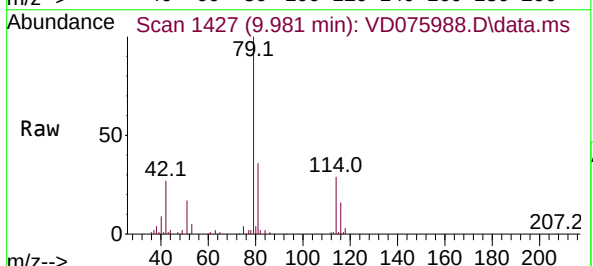
Acq: 03 May 2023 18:26

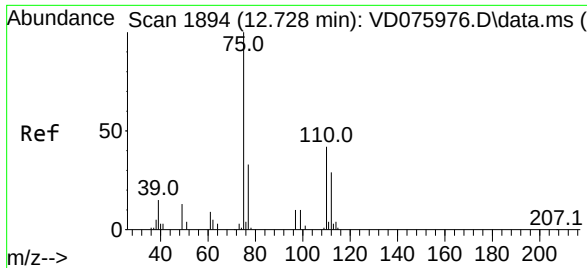
Tgt Ion: 75 Resp: 3530

Ion Ratio Lower Upper

75 100

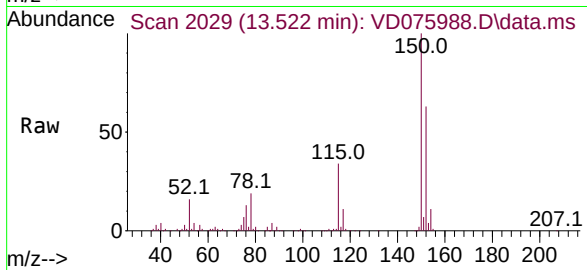
77 55.9 23.4 43.6#





#61
 1,2,3-Trichloropropane
 Concen: 6.933 ug/L
 RT: 13.522 min Scan# 20
 Delta R.T. 0.794 min
 Lab File: VD075988.D
 Acq: 03 May 2023 18:26

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 20262
 Ion Ratio Lower Upper
 75 100
 77 29.7 26.6 39.8
 110 1.3 33.5 50.3#

