

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081023\
 Data File : VD076969.D
 Acq On : 10 Aug 2023 18:21
 Operator : JC/SY
 Sample : 03965-13
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 11 03:07:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 11 02:51:25 2023
 Response via : Initial Calibration

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

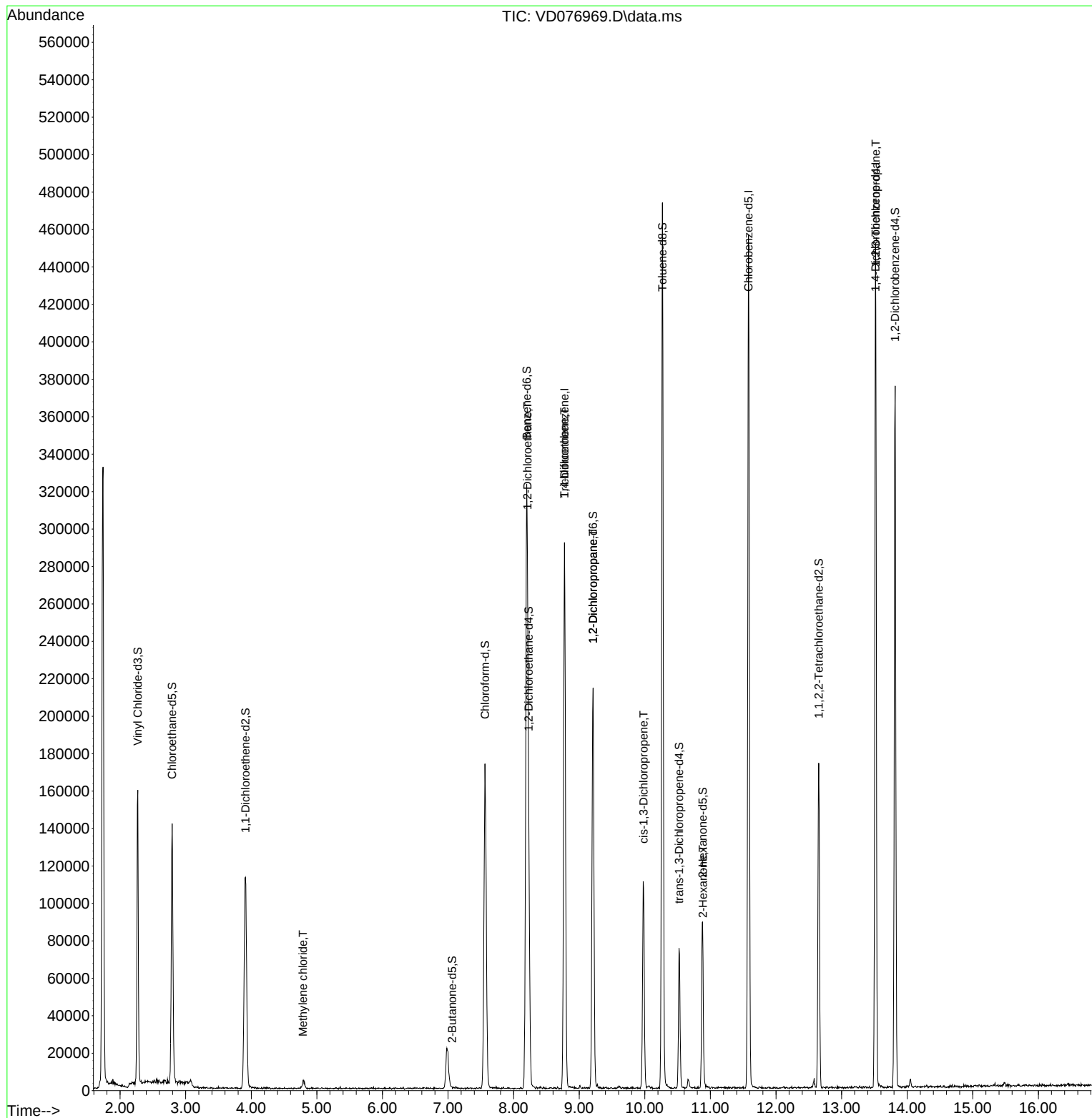
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	272225	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	272462	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	123363	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	141064	18.843	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.360%
7) Chloroethane-d5	2.793	69	140545	20.307	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.240%
11) 1,1-Dichloroethene-d2	3.911	65	31099	17.532	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.120%
21) 2-Butanone-d5	7.063	46	361	0.300	ug/L	0.08
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.600%#
24) Chloroform-d	7.563	84	178047	20.085	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.360%
26) 1,2-Dichloroethane-d4	8.228	65	86258	19.520	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.080%
32) Benzene-d6	8.199	84	361071	21.078	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.320%
36) 1,2-Dichloropropane-d6	9.210	67	106047	20.135	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.520%
41) Toluene-d8	10.269	98	327696	20.865	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.440%
43) trans-1,3-Dichloroprop...	10.522	79	42531	17.861	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.440%
47) 2-Hexanone-d5	10.881	63	33290	33.089	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.180%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	91835	18.044	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.160%
66) 1,2-Dichlorobenzene-d4	13.816	152	101881	22.590	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.360%
Target Compounds						Qvalue
16) Methylene chloride	4.787	84	3511	0.615	ug/L #	64
27) 1,2-Dichloroethane	8.210	62	1808	0.348	ug/L #	71
34) Trichloroethene	8.775	95	7412	1.594	ug/L #	4
37) 1,2-Dichloropropane	9.210	63	11231	2.476	ug/L #	88
39) cis-1,3-Dichloropropene	9.981	75	3791	0.518	ug/L	99
48) 2-Hexanone	10.887	43	3295	1.499	ug/L #	62
61) 1,2,3-Trichloropropane	13.522	75	15963	5.544	ug/L #	65

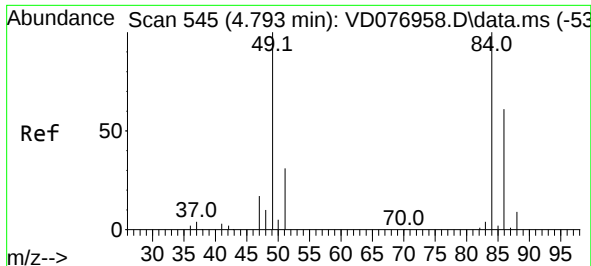
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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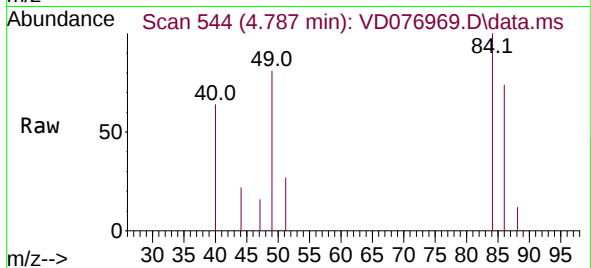
Quant Time: Aug 11 03:07:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
Quant Title : SFAM01.0
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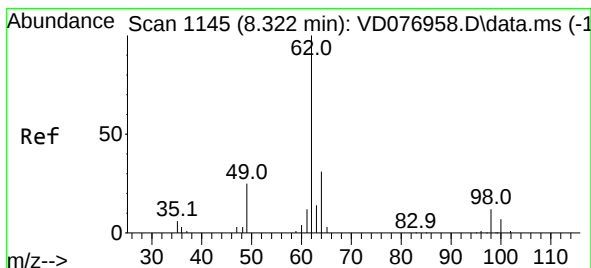
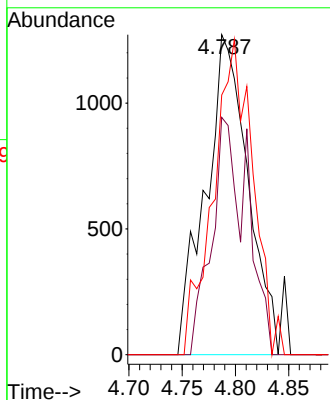
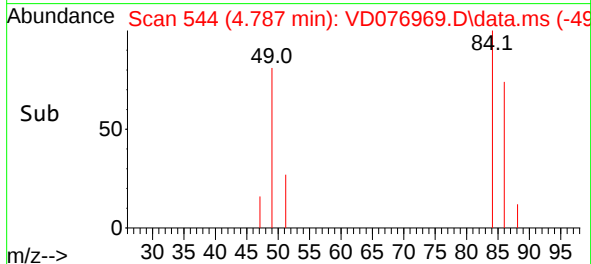


#16
Methylene chloride
Concen: 0.615 ug/L
RT: 4.787 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076969.D
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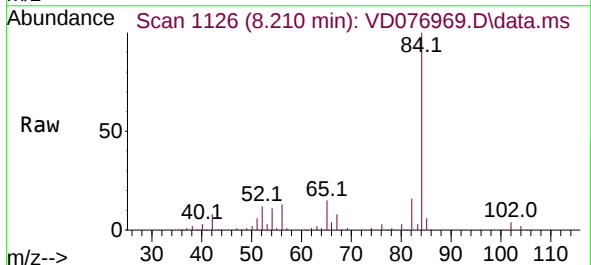
Instrument :
MSVOA_D
ClientSampleId :



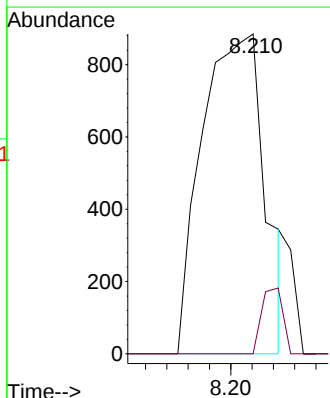
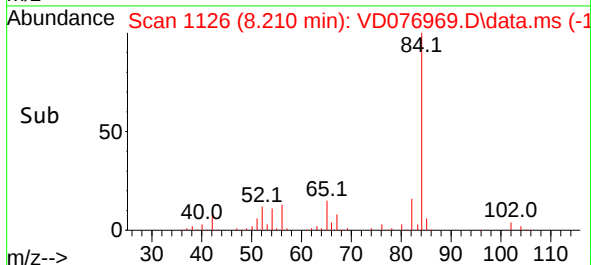
Tgt Ion: 84 Resp: 3511
Ion Ratio Lower Upper
84 100
86 74.1 45.1 83.9
49 81.1 97.2 180.6#

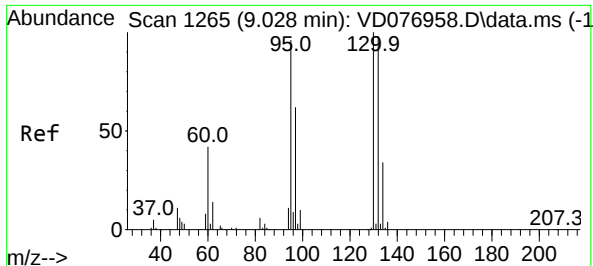


#27
1,2-Dichloroethane
Concen: 0.348 ug/L
RT: 8.210 min Scan# 1126
Delta R.T. -0.112 min
Lab File: VD076969.D
Acq: 10 Aug 2023 18:21



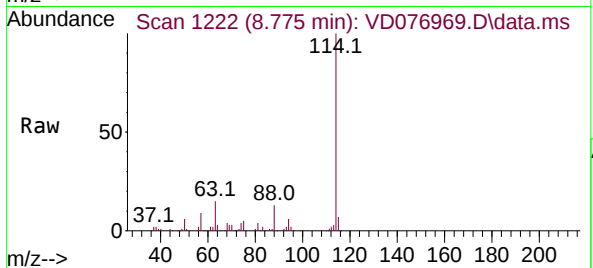
Tgt Ion: 62 Resp: 1808
Ion Ratio Lower Upper
62 100
98 0.0 8.7 13.1#



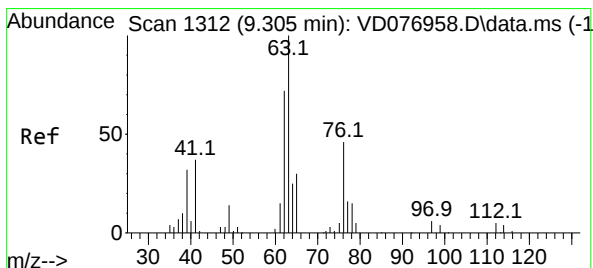
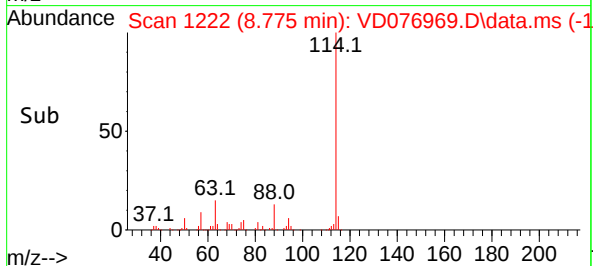
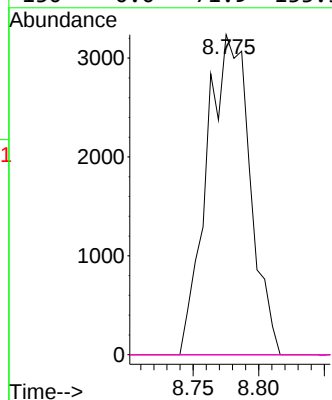


#34
Trichloroethene
Concen: 1.594 ug/L
RT: 8.775 min Scan# 1296
Delta R.T. -0.253 min
Lab File: VD076969.D
Acq: 10 Aug 2023 18:21

Instrument :
MSVOA_D
ClientSampleId :

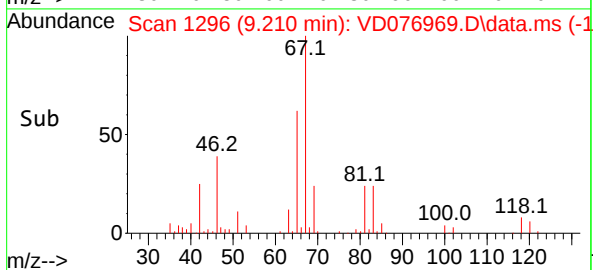
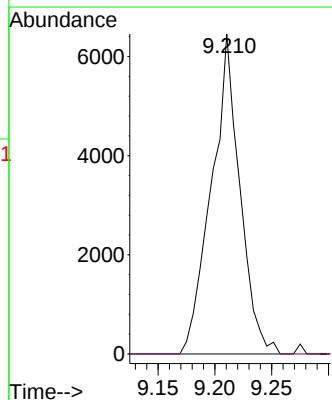
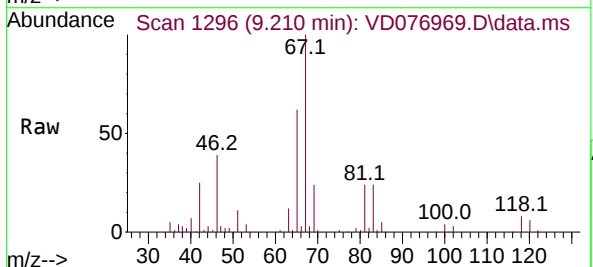


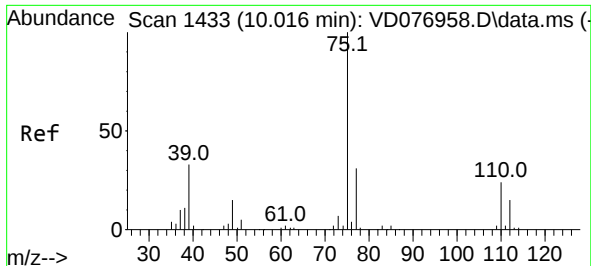
Tgt Ion: 95	Resp: 7412
Ion Ratio	Lower Upper
95 100	
97 0.0	43.1 80.1#
132 0.0	71.8 133.4#
130 0.0	71.9 133.5#



#37
1,2-Dichloropropane
Concen: 2.476 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD076969.D
Acq: 10 Aug 2023 18:21

Tgt Ion: 63	Resp: 11231		
Ion Ratio	Lower	Upper	
63 100			
112 0.0	3.1	4.7#	





#39

cis-1,3-Dichloropropene

Concen: 0.518 ug/L

RT: 9.981 min Scan# 1433

Delta R.T. -0.035 min

Lab File: VD076969.D

Acq: 10 Aug 2023 18:21

Instrument :

MSVOA_D

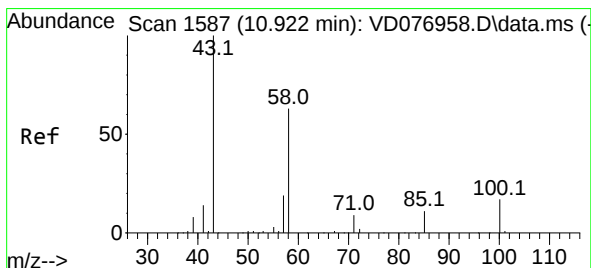
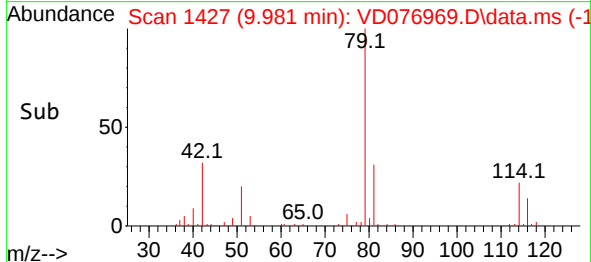
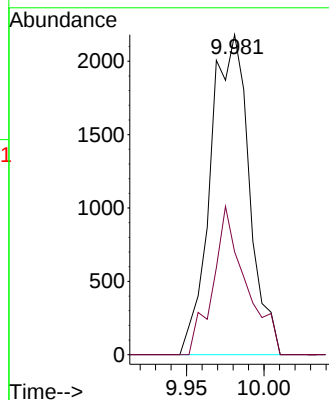
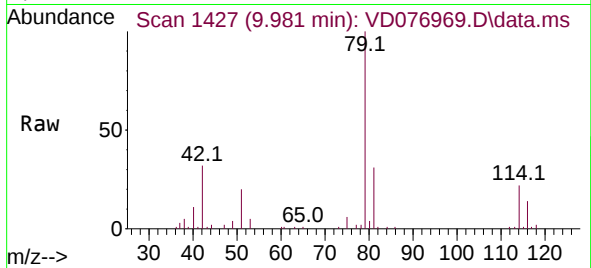
ClientSampleId :

Tgt Ion: 75 Resp: 3791

Ion Ratio Lower Upper

75 100

77 32.1 22.7 42.3



#48

2-Hexanone

Concen: 1.499 ug/L

RT: 10.887 min Scan# 1581

Delta R.T. -0.035 min

Lab File: VD076969.D

Acq: 10 Aug 2023 18:21

Tgt Ion: 43 Resp: 3295

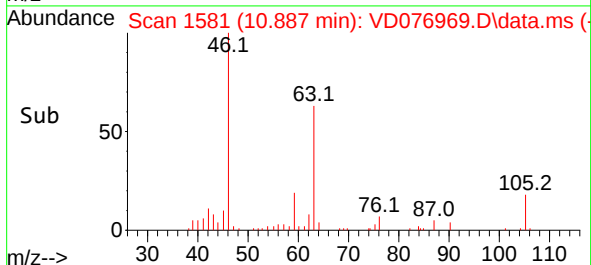
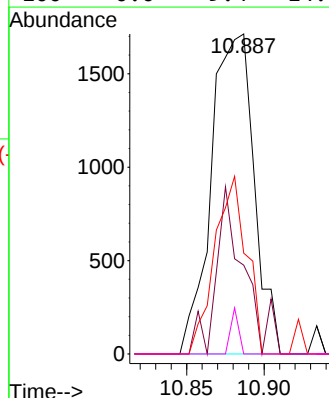
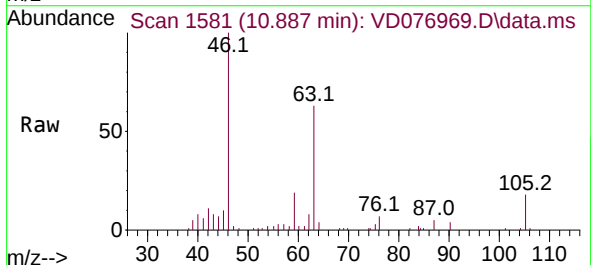
Ion Ratio Lower Upper

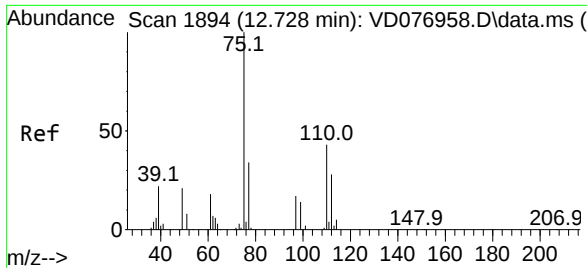
43 100

58 28.8 42.9 64.3#

57 41.3 13.7 20.5#

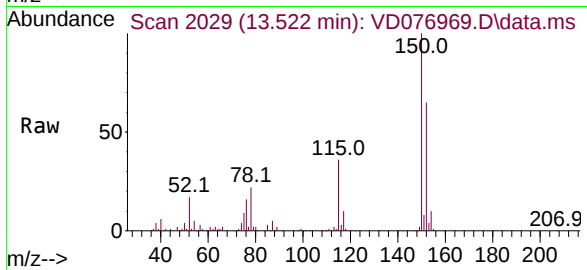
100 0.0 9.4 14.0#





#61
 1,2,3-Trichloropropane
 Concen: 5.544 ug/L
 RT: 13.522 min Scan# 20
 Delta R.T. 0.794 min
 Lab File: VD076969.D
 Acq: 10 Aug 2023 18:21

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	15963
Ion	Ratio	Lower	Upper
75	100		
77	31.3	27.2	40.8
110	2.1	31.8	47.6#

