

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081123\
 Data File : VD076981.D
 Acq On : 11 Aug 2023 11:09
 Operator : JC/SY
 Sample : 03965-06RE
 Misc : 4.79G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A48H2RE

Quant Time: Aug 12 02:21:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 12 02:16:48 2023
 Response via : Initial Calibration

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

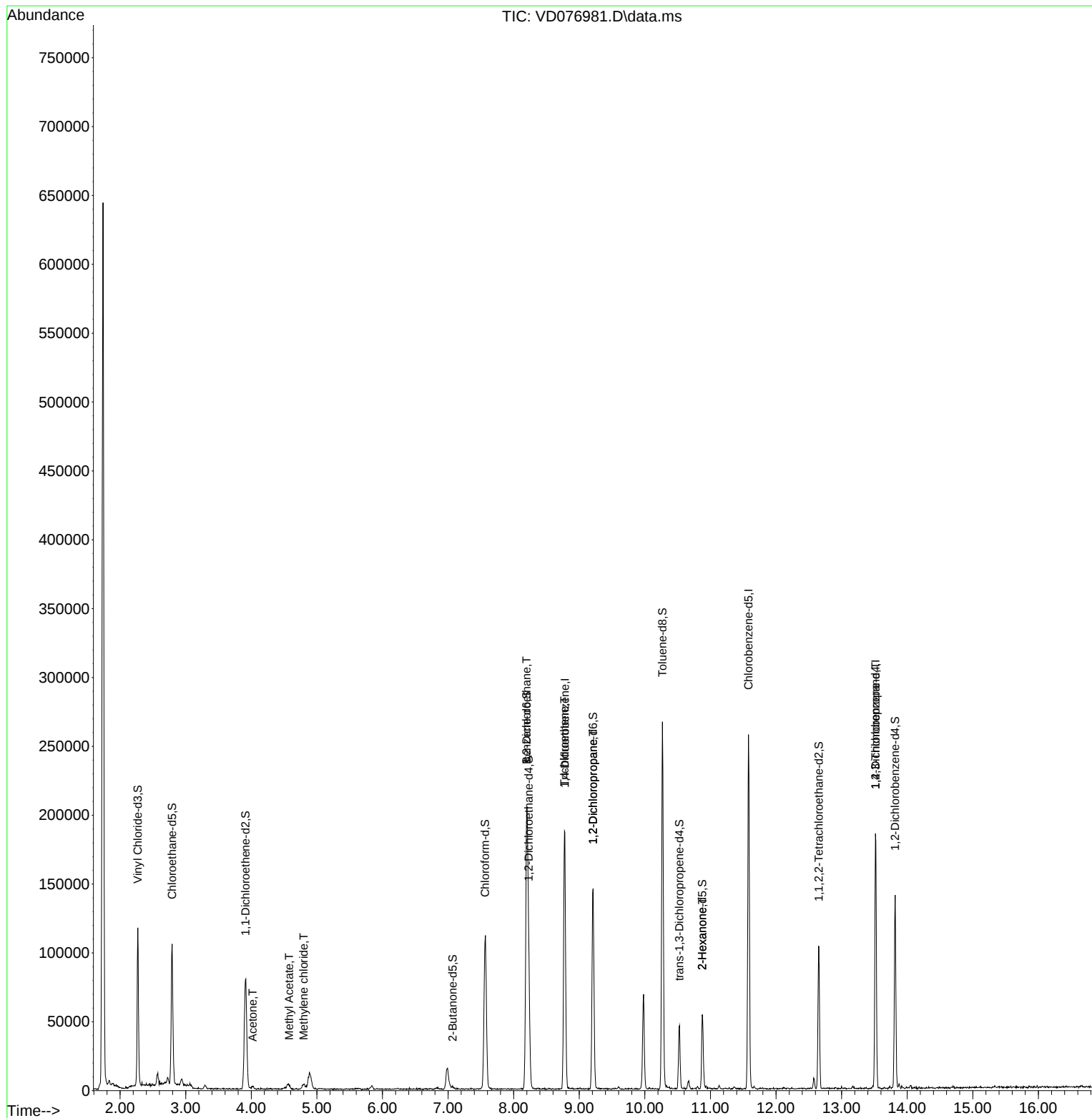
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	179554	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	153793	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	50668	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	100387	20.330	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.320%
7) Chloroethane-d5	2.793	69	102430	22.439	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.760%
11) 1,1-Dichloroethene-d2	3.911	65	23538	20.118	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.480%
21) 2-Butanone-d5	7.069	46	336	0.424	ug/L	0.08
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.840%#
24) Chloroform-d	7.563	84	120449	20.601	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.400%
26) 1,2-Dichloroethane-d4	8.228	65	63277	21.710	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.840%
32) Benzene-d6	8.199	84	235496	24.355	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	9.210	67	73021	24.562	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.240%
41) Toluene-d8	10.269	98	186972	21.091	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.360%
43) trans-1,3-Dichloroprop...	10.528	79	26524	19.734	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.920%
47) 2-Hexanone-d5	10.875	63	20330	35.799	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.600%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	53126	18.493	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.960%
66) 1,2-Dichlorobenzene-d4	13.816	152	35998	19.433	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.720%
Target Compounds	Qvalue					
13) Acetone	4.022	43	2622	3.234	ug/L	92
15) Methyl Acetate	4.575	43	6982	5.096	ug/L #	85
16) Methylene chloride	4.799	84	1901	0.505	ug/L #	45
27) 1,2-Dichloroethane	8.199	62	1054	0.307	ug/L #	71
34) Trichloroethene	8.775	95	5435	2.070	ug/L #	4
37) 1,2-Dichloropropane	9.210	63	7990	3.120	ug/L #	88
48) 2-Hexanone	10.875	43	2207	1.779	ug/L #	72
61) 1,2,3-Trichloropropane	13.516	75	5906	4.994	ug/L #	66

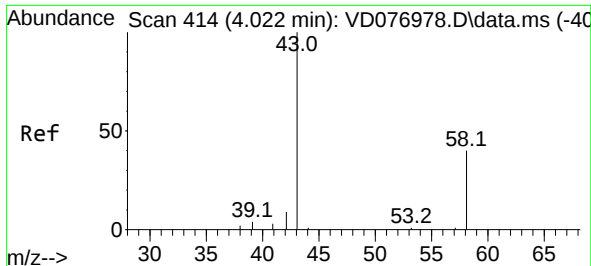
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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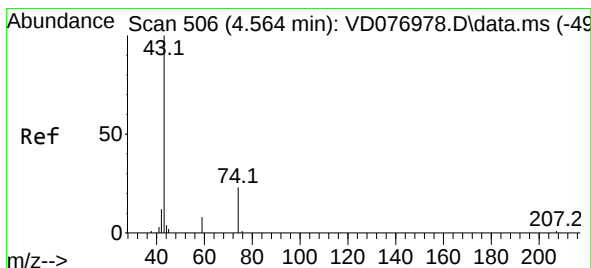
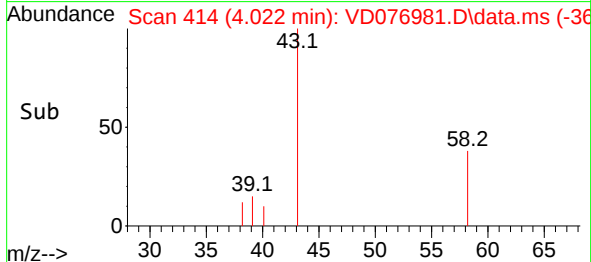
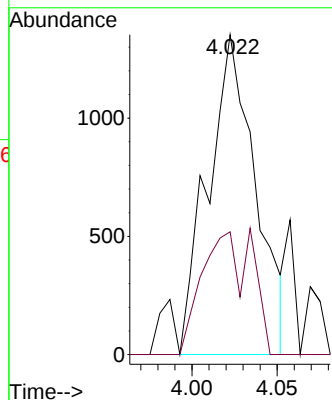
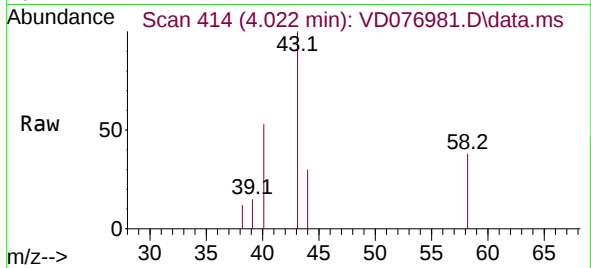




#13
Acetone
Concen: 3.234 ug/L
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD076981.D
Acq: 11 Aug 2023 11:09

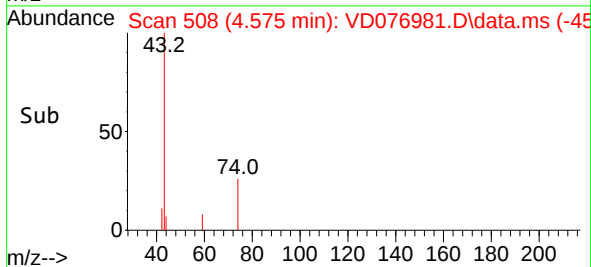
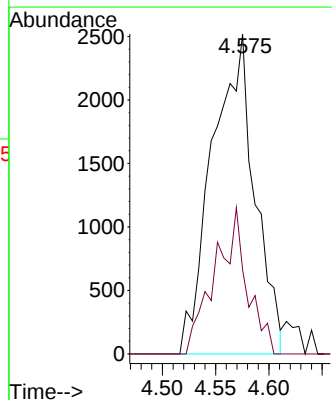
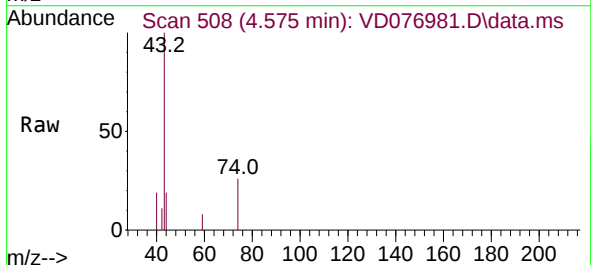
Instrument :
MSVOA_D
ClientSampleId :
A48H2RE

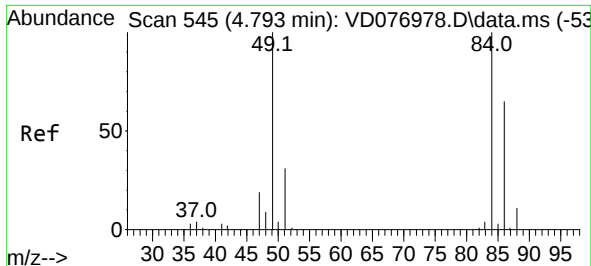
Tgt Ion: 43 Resp: 2622
Ion Ratio Lower Upper
43 100
58 29.2 0.0 67.4



#15
Methyl Acetate
Concen: 5.096 ug/L
RT: 4.575 min Scan# 508
Delta R.T. 0.012 min
Lab File: VD076981.D
Acq: 11 Aug 2023 11:09

Tgt Ion: 43 Resp: 6982
Ion Ratio Lower Upper
43 100
74 15.5 18.2 27.2#

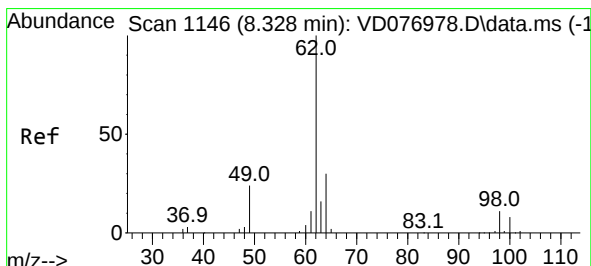
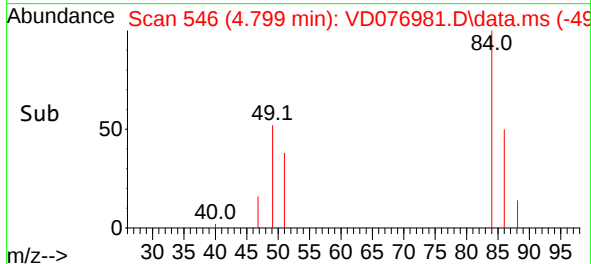
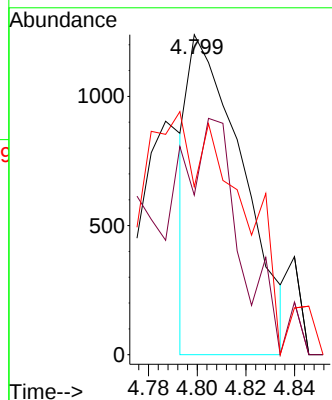
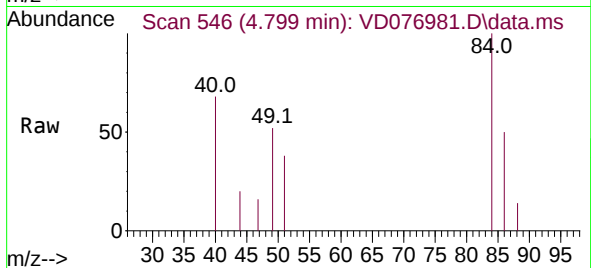




#16
Methylene chloride
Concen: 0.505 ug/L
RT: 4.799 min Scan# 545
Delta R.T. 0.006 min
Lab File: VD076981.D
Acq: 11 Aug 2023 11:09

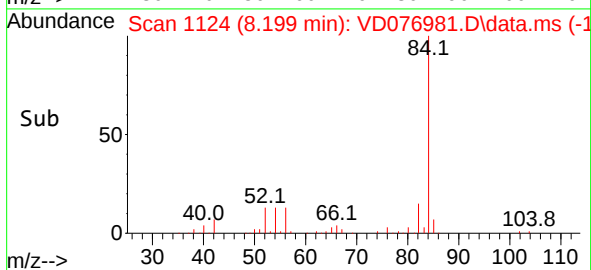
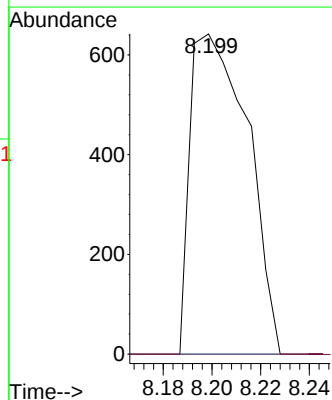
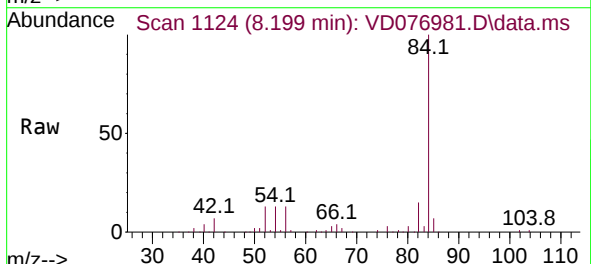
Instrument :
MSVOA_D
ClientSampleId :
A48H2RE

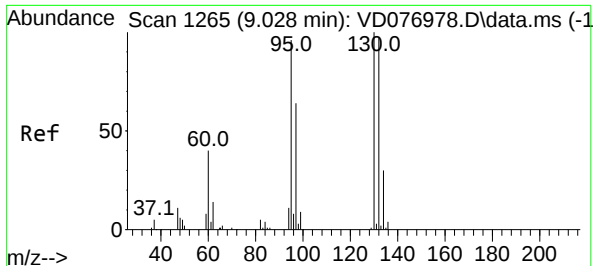
Tgt Ion: 84 Resp: 1901
Ion Ratio Lower Upper
84 100
86 49.9 45.1 83.9
49 52.5 97.2 180.6#



#27
1,2-Dichloroethane
Concen: 0.307 ug/L
RT: 8.199 min Scan# 1124
Delta R.T. -0.130 min
Lab File: VD076981.D
Acq: 11 Aug 2023 11:09

Tgt Ion: 62 Resp: 1054
Ion Ratio Lower Upper
62 100
98 0.0 8.7 13.1#





#34

Trichloroethene

Concen: 2.070 ug/L

RT: 8.775 min Scan# 11

Delta R.T. -0.253 min

Lab File: VD076981.D

Acq: 11 Aug 2023 11:09

Instrument :

MSVOA_D

ClientSampleId :

A48H2RE

Tgt Ion: 95 Resp: 5435

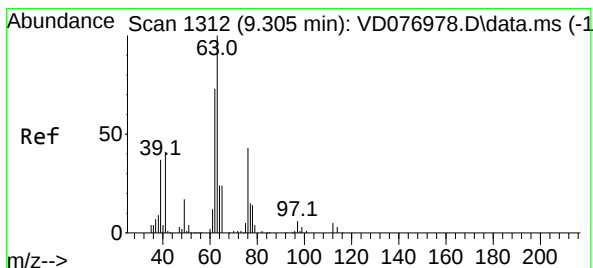
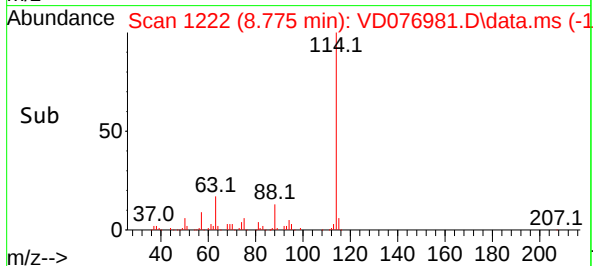
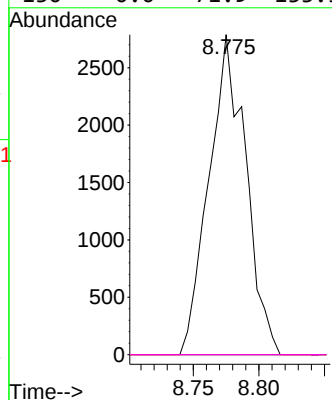
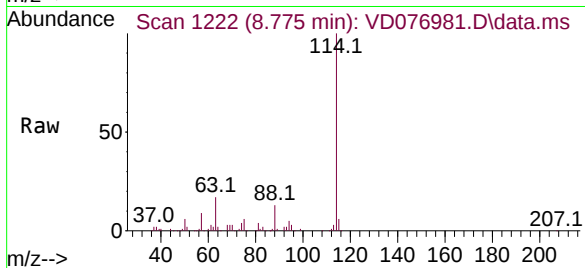
Ion Ratio Lower Upper

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: 3.120 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.094 min

Lab File: VD076981.D

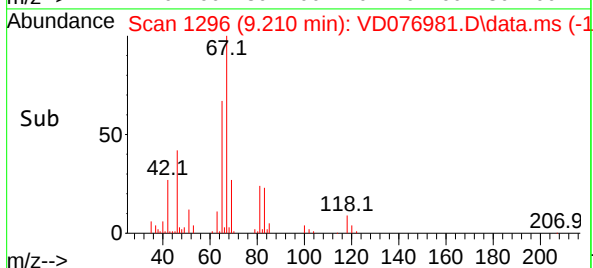
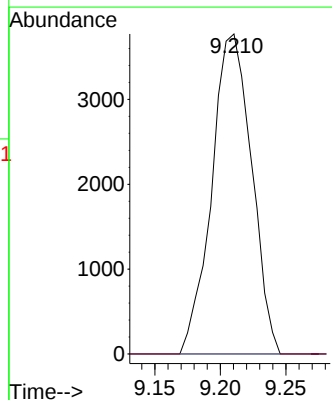
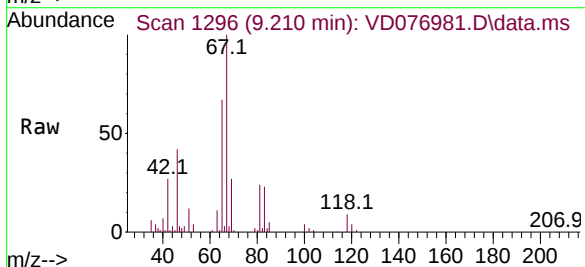
Acq: 11 Aug 2023 11:09

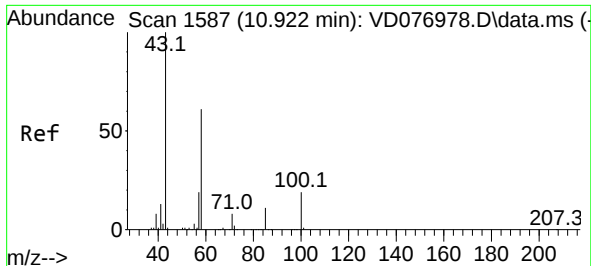
Tgt Ion: 63 Resp: 7990

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#

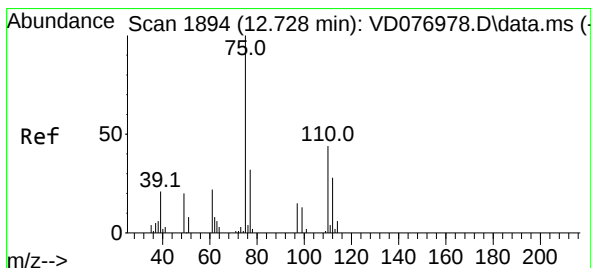
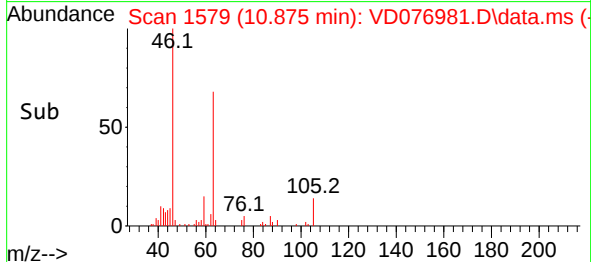
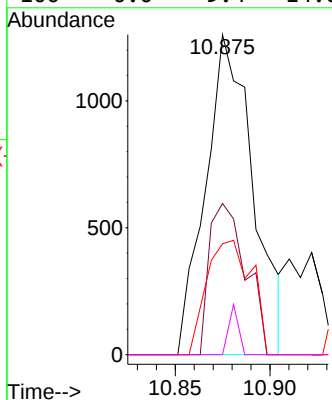
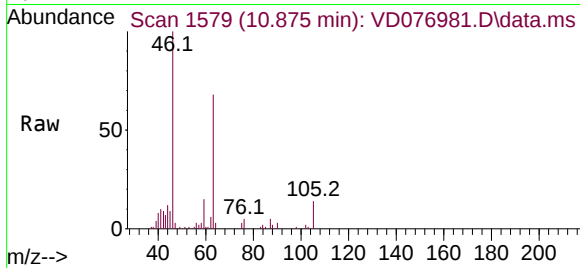




#48
2-Hexanone
Concen: 1.779 ug/L
RT: 10.875 min Scan# 11
Delta R.T. -0.047 min
Lab File: VD076981.D
Acq: 11 Aug 2023 11:09

Instrument :
MSVOA_D
ClientSampleId :
A48H2RE

Tgt Ion: 43	Resp: 2207
Ion Ratio	Lower Upper
43 100	
58 36.2	42.9 64.3#
57 33.5	13.7 20.5#
100 0.0	9.4 14.0#



#61
1,2,3-Trichloropropane
Concen: 4.994 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.788 min
Lab File: VD076981.D
Acq: 11 Aug 2023 11:09

Tgt Ion: 75	Resp: 5906
Ion Ratio	Lower Upper
75 100	
77 32.1	27.2 40.8
110 2.7	31.8 47.6#

