

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051223\
 Data File : VD076107.D
 Acq On : 12 May 2023 15:08
 Operator : KP/SY
 Sample : 02591-06
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VHBLK001

Quant Time: May 14 23:56:34 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)

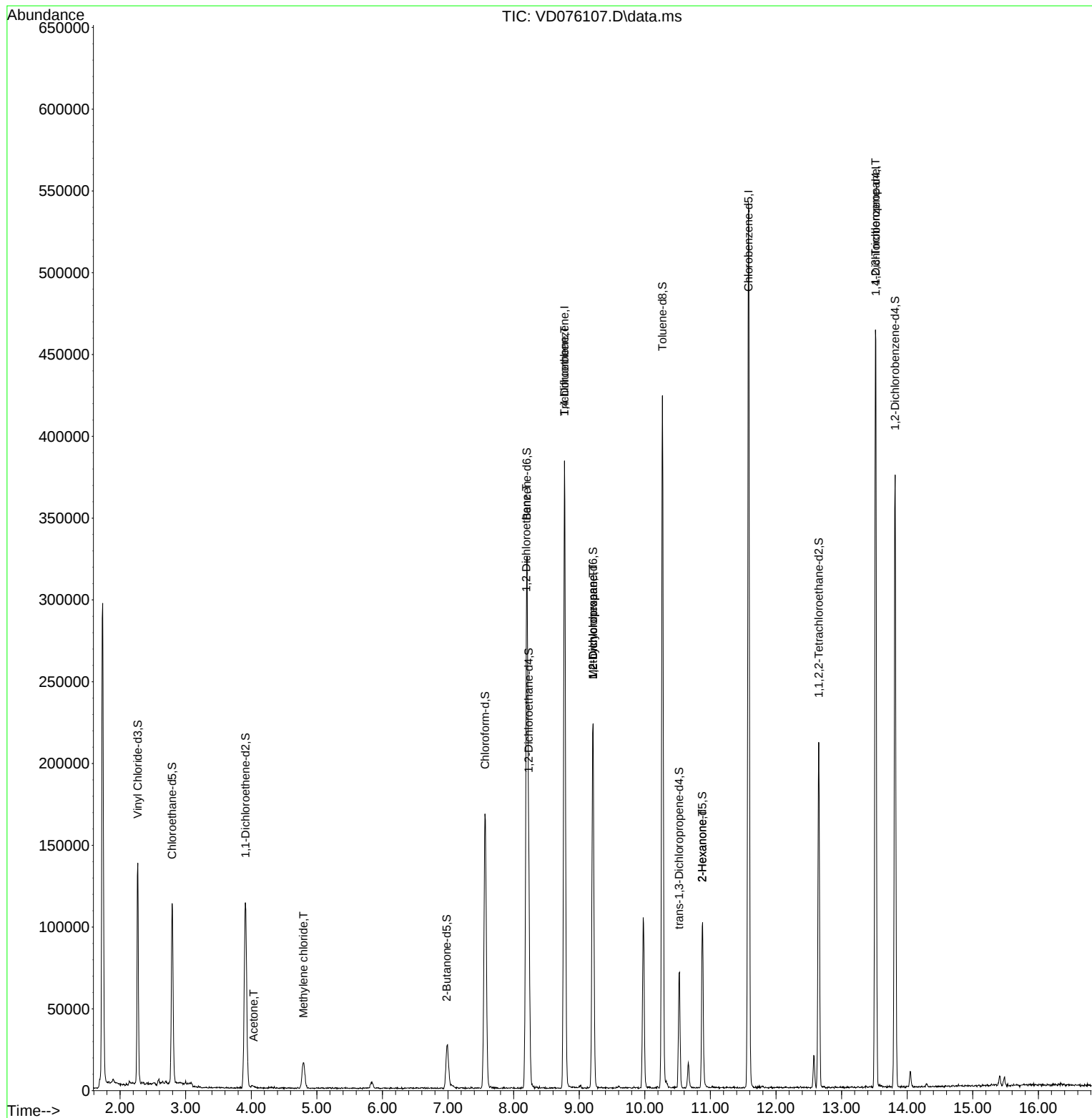
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	364740	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	346784	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	145025	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	127926	22.928	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.720%
7) Chloroethane-d5	2.793	69	123292	24.068	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.280%
11) 1,1-Dichloroethene-d2	3.911	65	31547	22.459	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.840%
21) 2-Butanone-d5	6.981	46	44913	59.784	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.560%
24) Chloroform-d	7.563	84	185620	24.291	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.160%
26) 1,2-Dichloroethane-d4	8.228	65	89837	26.746	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	8.199	84	357883	22.891	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.560%
36) 1,2-Dichloropropane-d6	9.210	67	121163	25.151	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.600%
41) Toluene-d8	10.269	98	311632	22.367	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.480%
43) trans-1,3-Dichloroprop...	10.522	79	41892	23.166	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.680%
47) 2-Hexanone-d5	10.875	63	37194	52.722	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.440%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	112617	27.146	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.600%
66) 1,2-Dichlorobenzene-d4	13.816	152	113938	27.502	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.000%
Target Compounds						
					Qvalue	
13) Acetone	4.034	43	2430	3.631	ug/L	59
16) Methylene chloride	4.793	84	13542	2.283	ug/L	95
27) 1,2-Dichloroethane	8.193	62	1654	0.372	ug/L #	68
34) Trichloroethene	8.775	95	9152	1.839	ug/L #	2
35) Methylcyclohexane	9.210	83	28177	3.737	ug/L #	24
37) 1,2-Dichloropropane	9.210	63	11671	2.373	ug/L #	85
48) 2-Hexanone	10.875	43	4093	2.846	ug/L #	54
61) 1,2,3-Trichloropropane	13.516	75	15426	6.613	ug/L #	61

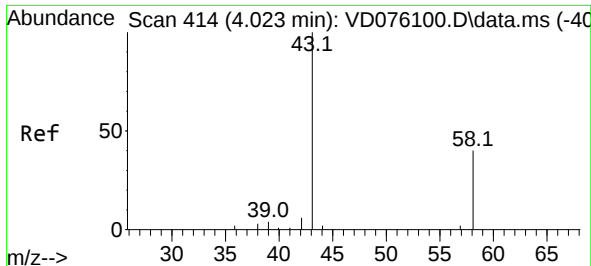
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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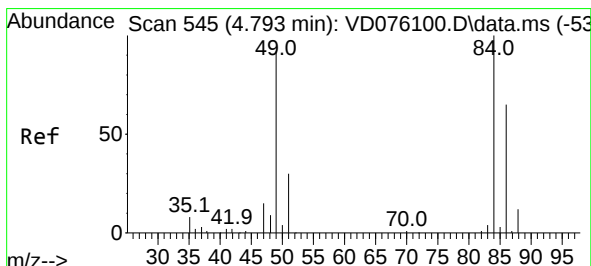
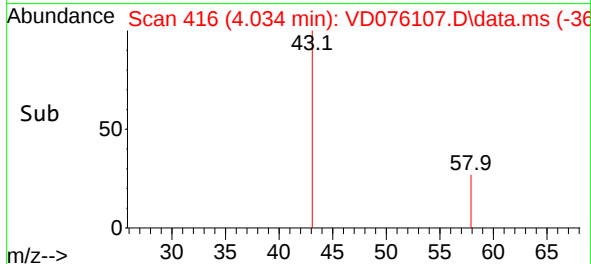
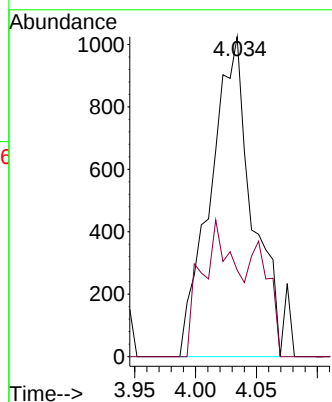
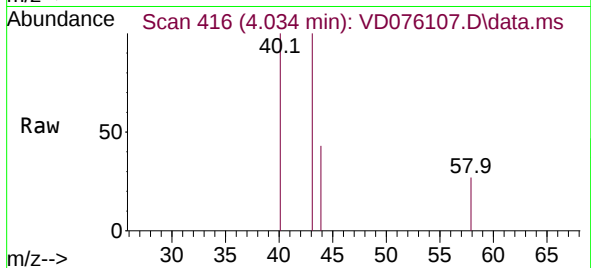




#13
Acetone
Concen: 3.631 ug/L
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD076107.D
Acq: 12 May 2023 15:08

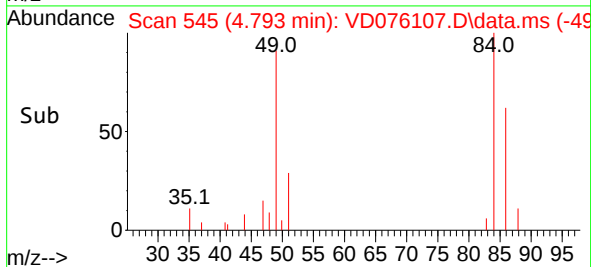
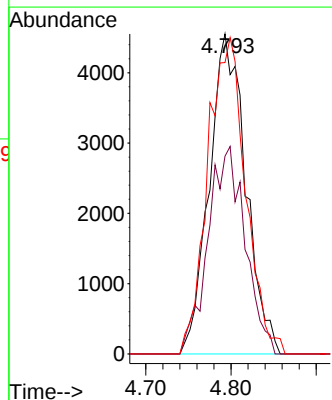
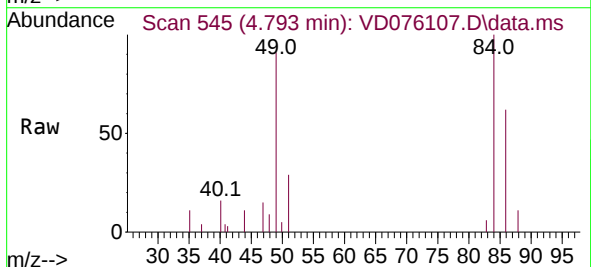
Instrument :
MSVOA_D
ClientSampleId :
VHBLK001

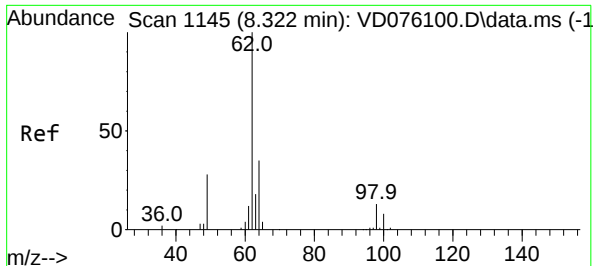
Tgt Ion: 43 Resp: 2430
Ion Ratio Lower Upper
43 100
58 17.3 0.0 87.4



#16
Methylene chloride
Concen: 2.283 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD076107.D
Acq: 12 May 2023 15:08

Tgt Ion: 84 Resp: 13542
Ion Ratio Lower Upper
84 100
86 61.8 45.8 85.2
49 91.0 60.8 112.8





#27

1,2-Dichloroethane

Concen: 0.372 ug/L

RT: 8.193 min Scan# 1145

Delta R.T. -0.130 min

Lab File: VD076107.D

Acq: 12 May 2023 15:08

Instrument :

MSVOA_D

ClientSampleId :

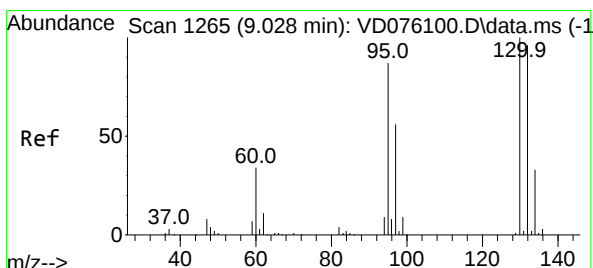
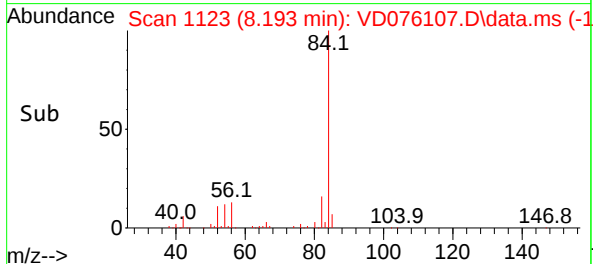
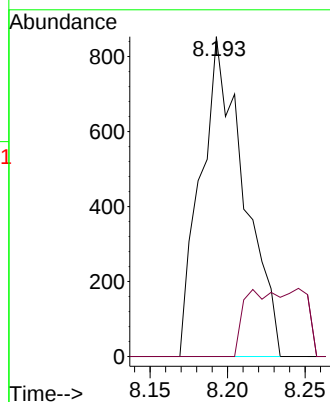
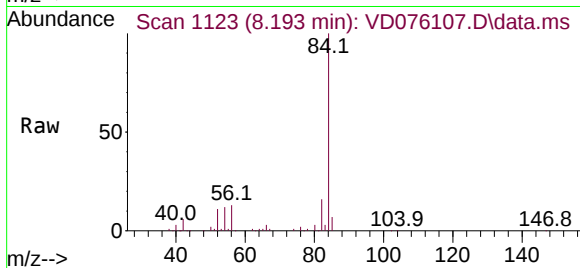
VHBLK001

Tgt Ion: 62 Resp: 1654

Ion Ratio Lower Upper

62 100

98 0.0 10.2 15.2#



#34

Trichloroethene

Concen: 1.839 ug/L

RT: 8.775 min Scan# 1222

Delta R.T. -0.253 min

Lab File: VD076107.D

Acq: 12 May 2023 15:08

Tgt Ion: 95 Resp: 9152

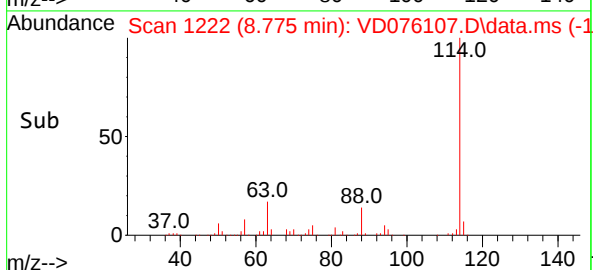
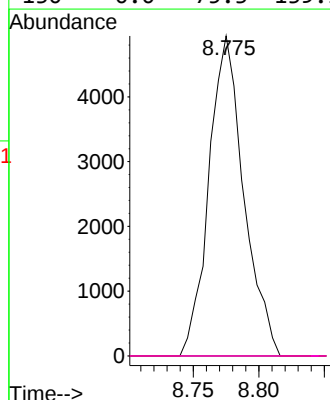
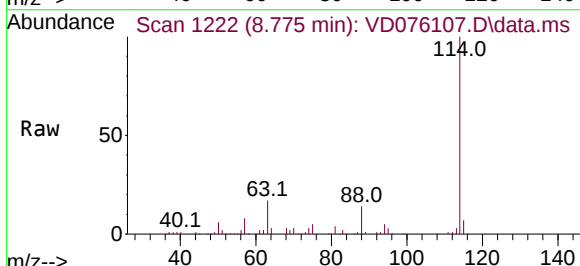
Ion Ratio Lower Upper

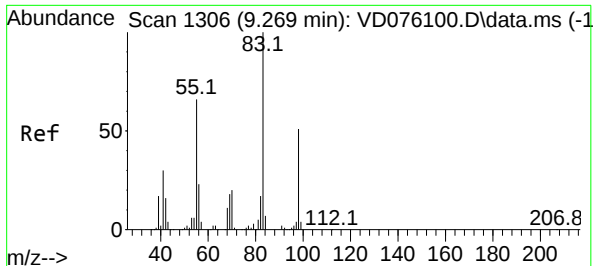
95 100

97 0.0 46.0 85.4#

132 0.0 73.3 136.1#

130 0.0 75.3 139.9#





#35

Methylcyclohexane

Concen: 3.737 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.059 min

Lab File: VD076107.D

Acq: 12 May 2023 15:08

Instrument :

MSVOA_D

ClientSampleId :

VHBLK001

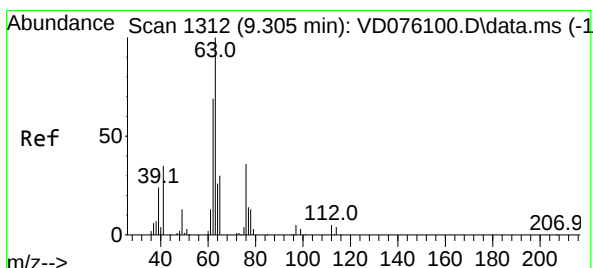
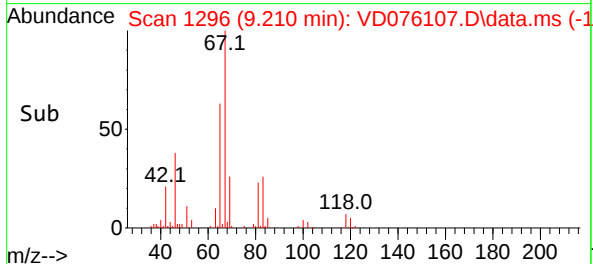
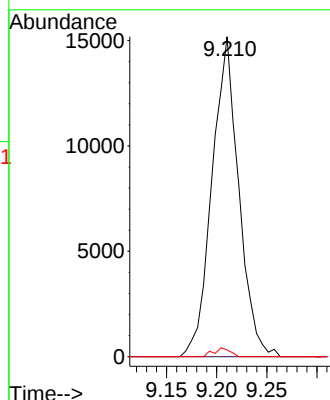
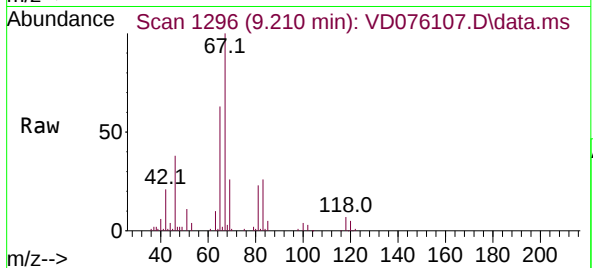
Tgt Ion: 83 Resp: 28177

Ion Ratio Lower Upper

83 100

55 0.0 48.2 72.2#

98 1.7 40.8 61.2#



#37

1,2-Dichloropropane

Concen: 2.373 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.094 min

Lab File: VD076107.D

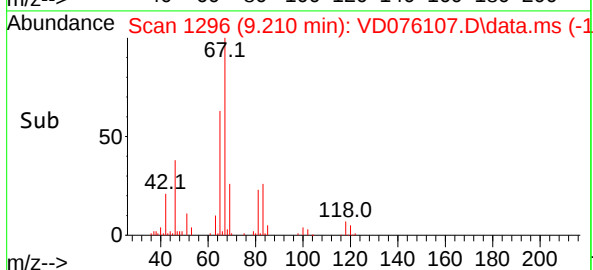
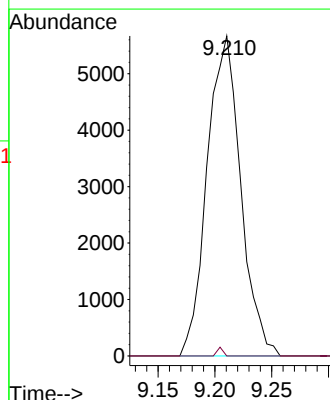
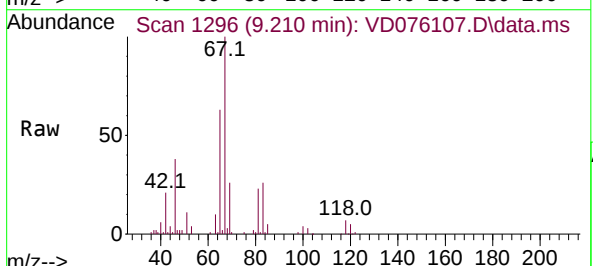
Acq: 12 May 2023 15:08

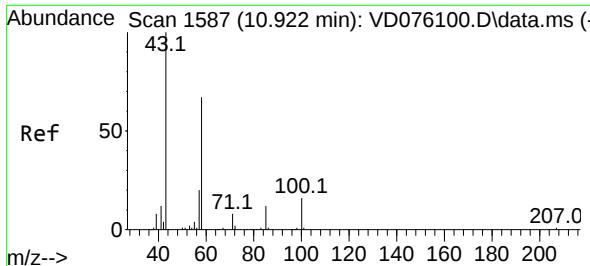
Tgt Ion: 63 Resp: 11671

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#

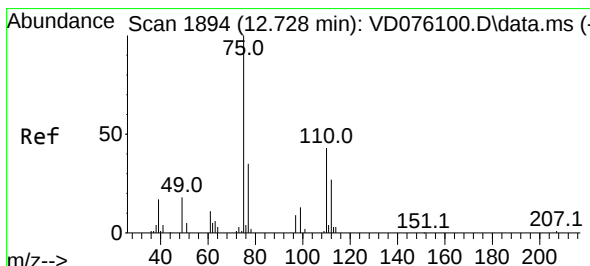
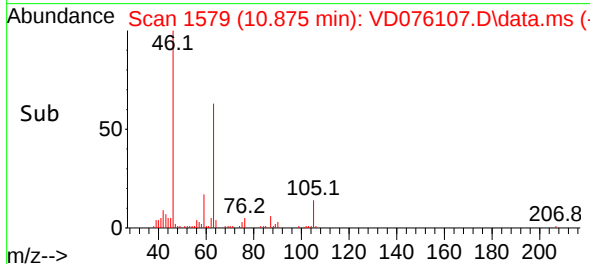
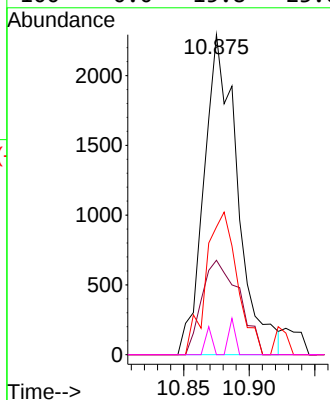
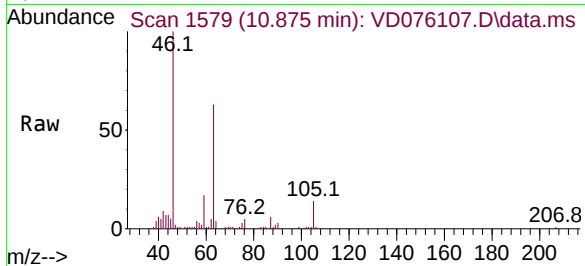




#48
2-Hexanone
Concen: 2.846 ug/L
RT: 10.875 min Scan# 11
Delta R.T. -0.047 min
Lab File: VD076107.D
Acq: 12 May 2023 15:08

Instrument :
MSVOA_D
ClientSampleId :
VHBLK001

Tgt Ion:	43	Resp:	4093
Ion	Ratio	Lower	Upper
43	100		
58	32.8	59.7	89.5#
57	41.5	17.9	26.9#
100	0.0	15.8	23.6#



#61
1,2,3-Trichloropropane
Concen: 6.613 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.788 min
Lab File: VD076107.D
Acq: 12 May 2023 15:08

Tgt Ion:	75	Resp:	15426
Ion	Ratio	Lower	Upper
75	100		
77	30.3	26.6	39.8
110	0.5	33.5	50.3#

