

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
 Data File : VD076701.D
 Acq On : 03 Jul 2023 19:08
 Operator : KP/SY
 Sample : 03501-01
 Misc : 4.10G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46R7

Quant Time: Jul 04 01:12:08 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)

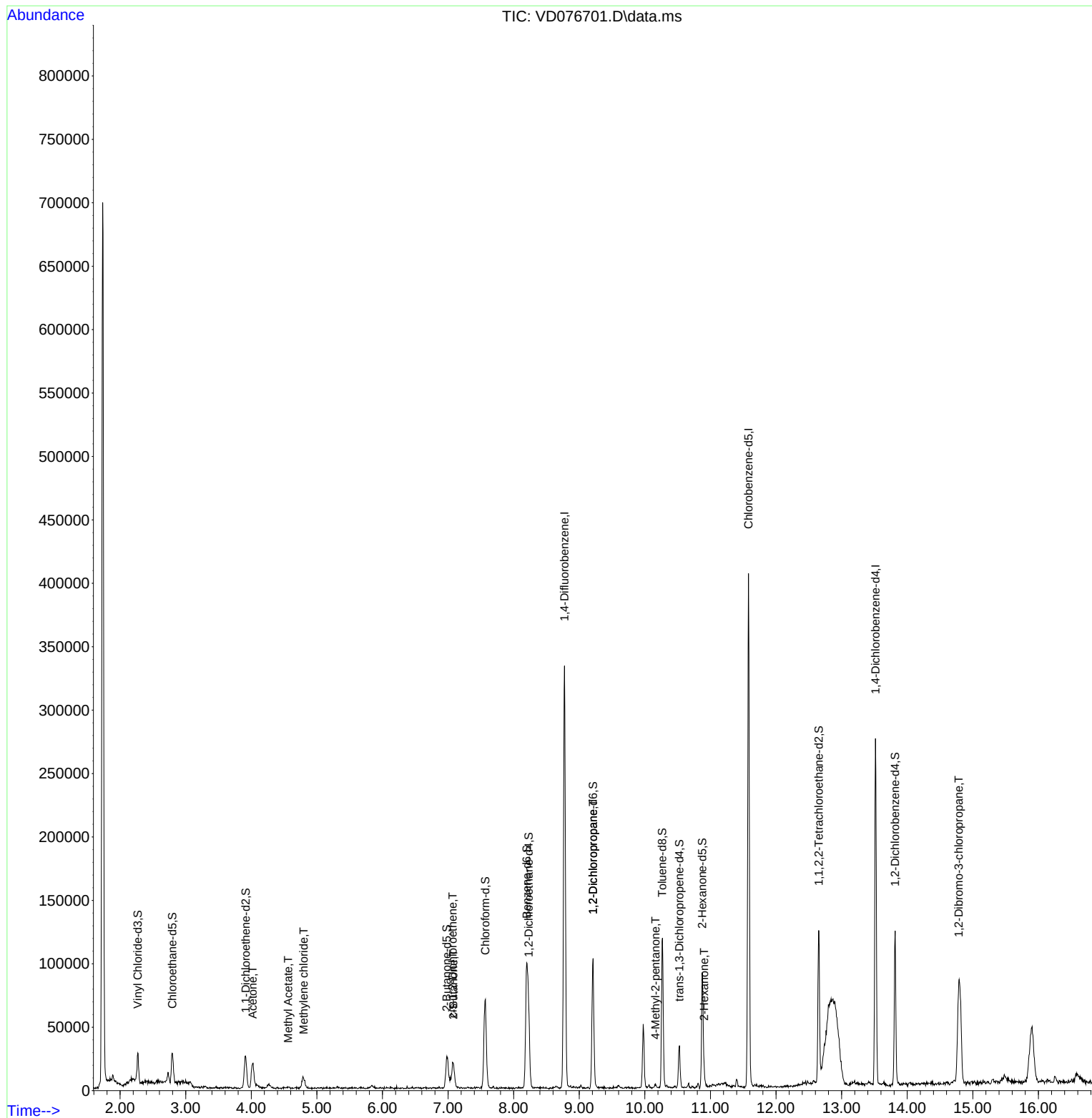
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	283343	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	223813	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	71401	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	19437	2.817	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	11.280%#
7) Chloroethane-d5	2.799	69	24824	4.449	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	17.800%#
11) 1,1-Dichloroethene-d2	3.916	65	7935	4.405	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	17.640%#
21) 2-Butanone-d5	6.981	46	42493	40.662	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.320%
24) Chloroform-d	7.569	84	71289	9.550	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	38.200%#
26) 1,2-Dichloroethane-d4	8.228	65	44882	12.187	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	48.760%#
32) Benzene-d6	8.199	84	99007	7.231	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	28.920%
36) 1,2-Dichloropropane-d6	9.210	67	45775	10.474	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	41.880%#
41) Toluene-d8	10.263	98	80189	6.325	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	25.320%#
43) trans-1,3-Dichloroprop...	10.528	79	18145	9.982	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	39.920%
47) 2-Hexanone-d5	10.875	63	30642	45.170	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.340%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	55747	17.930	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.720%
66) 1,2-Dichlorobenzene-d4	13.816	152	29960	11.448	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	45.800%#
Target Compounds					Qvalue	
13) Acetone	4.022	43	37101	43.956	ug/L	90
15) Methyl Acetate	4.563	43	794	0.412	ug/L #	53
16) Methylene chloride	4.799	84	3782	0.768	ug/L #	62
20) cis-1,2-Dichloroethene	7.069	96	4289	0.937	ug/L	85
22) 2-Butanone	7.081	43	14673	10.772	ug/L	81
37) 1,2-Dichloropropane	9.210	63	5413	1.340	ug/L #	88
40) 4-Methyl-2-pentanone	10.163	43	1885	0.750	ug/L #	81
48) 2-Hexanone	10.904	43	3841	2.232	ug/L #	44
68) 1,2-Dibromo-3-chloropr...	14.786	75	4628	14.986	ug/L #	1

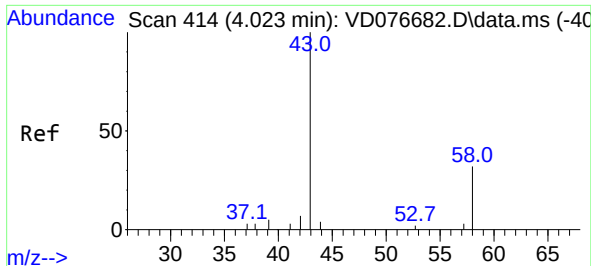
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
Data File : VD076701.D
Acq On : 03 Jul 2023 19:08
Operator : KP/SY
Sample : 03501-01
Misc : 4.10G/10.0ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46R7

Quant Time: Jul 04 01:12:08 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

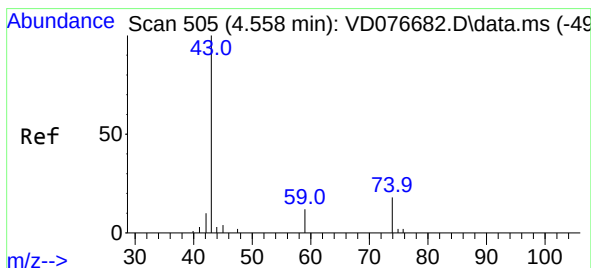
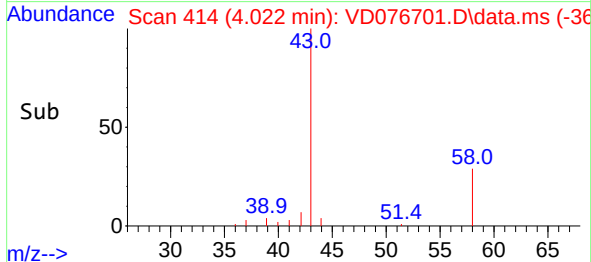
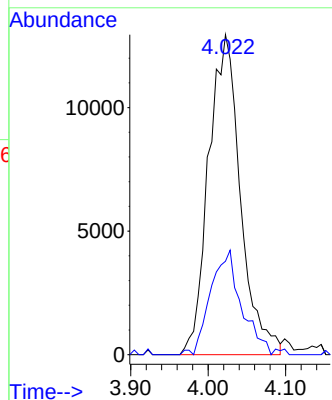
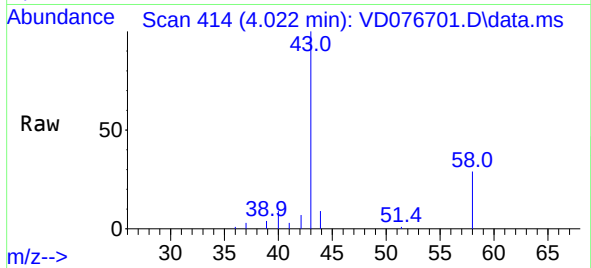




#13
Acetone
Concen: 43.956 ug/L
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD076701.D
Acq: 03 Jul 2023 19:08

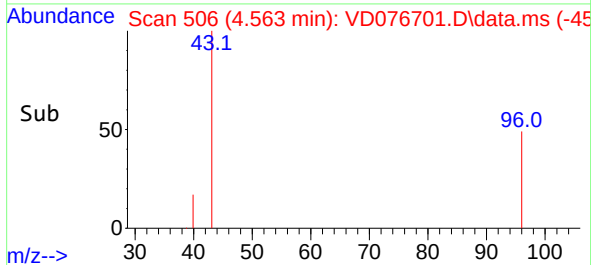
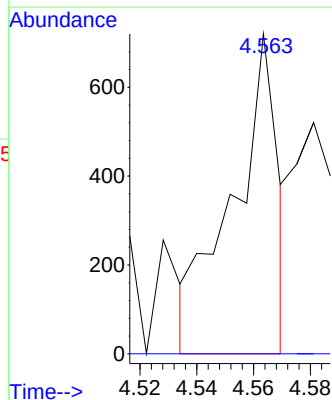
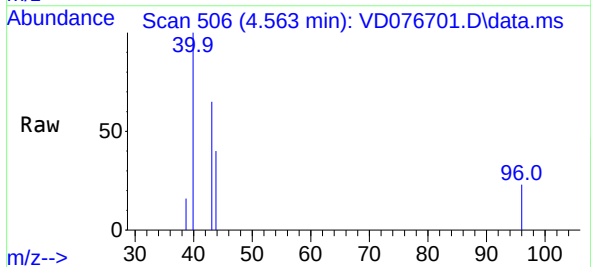
Instrument :
MSVOA_D
ClientSampleId :
A46R7

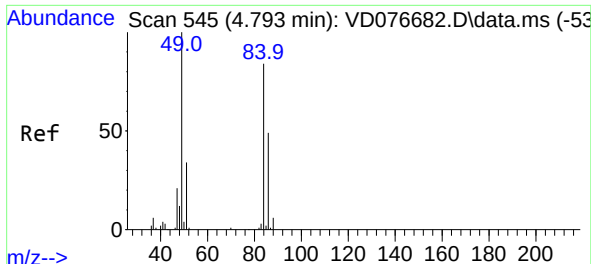
Tgt Ion: 43 Resp: 37101
Ion Ratio Lower Upper
43 100
58 28.1 0.0 67.4



#15
Methyl Acetate
Concen: 0.412 ug/L
RT: 4.563 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD076701.D
Acq: 03 Jul 2023 19:08

Tgt Ion: 43 Resp: 794
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.2#

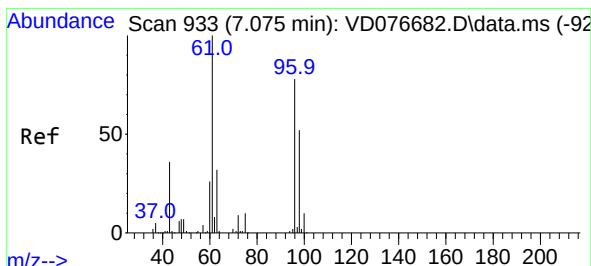
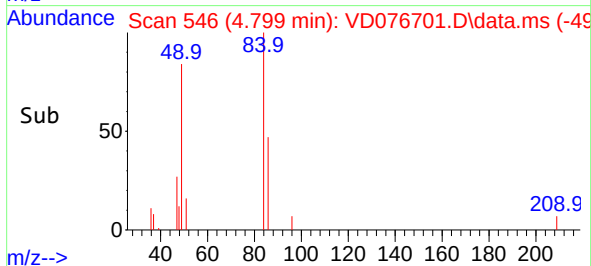
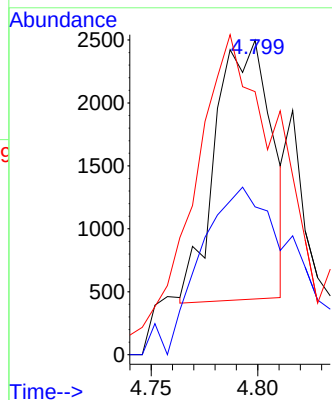
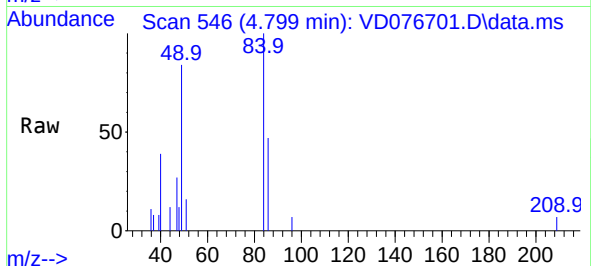




#16
Methylene chloride
Concen: 0.768 ug/L
RT: 4.799 min Scan# 545
Delta R.T. 0.012 min
Lab File: VD076701.D
Acq: 03 Jul 2023 19:08

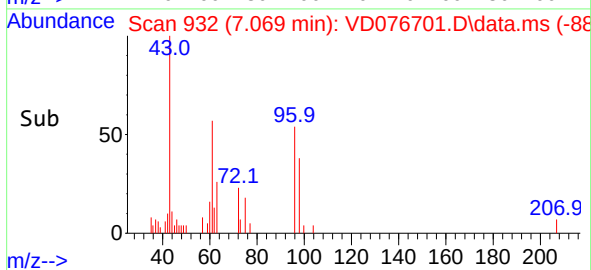
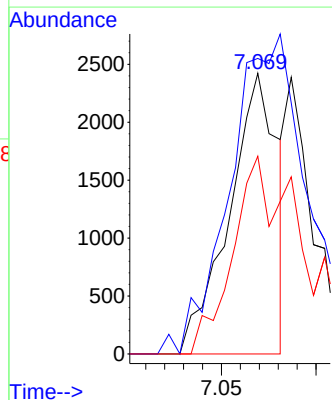
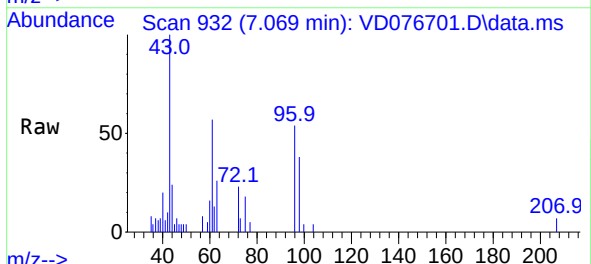
Instrument :
MSVOA_D
ClientSampleId :
A46R7

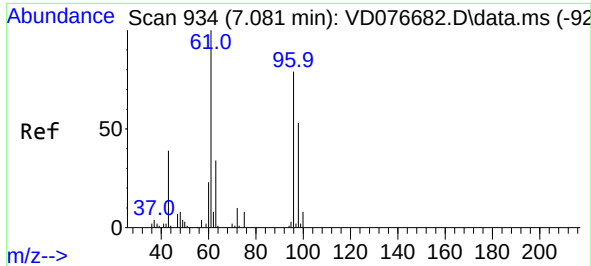
Tgt Ion: 84 Resp: 3782
Ion Ratio Lower Upper
84 100
86 47.0 45.1 83.9
49 83.7 97.2 180.6#



#20
cis-1,2-Dichloroethene
Concen: 0.937 ug/L
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD076701.D
Acq: 03 Jul 2023 19:08

Tgt Ion: 96 Resp: 4289
Ion Ratio Lower Upper
96 100
61 105.3 86.0 159.6
98 70.5 42.2 78.4

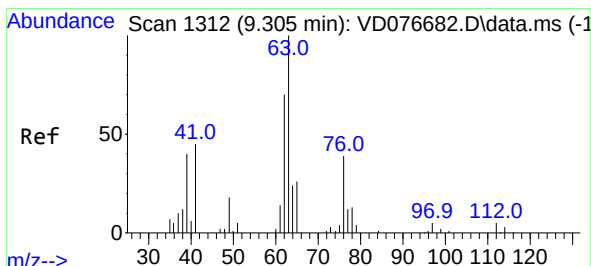
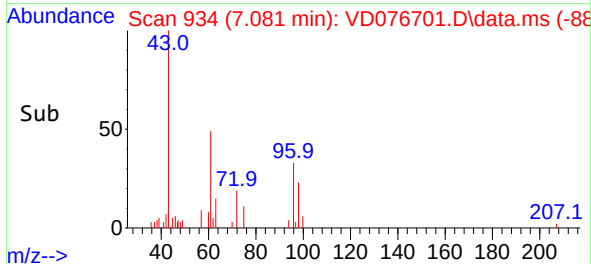
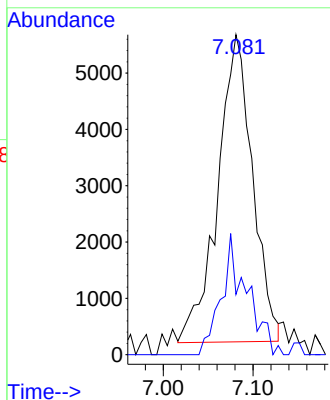
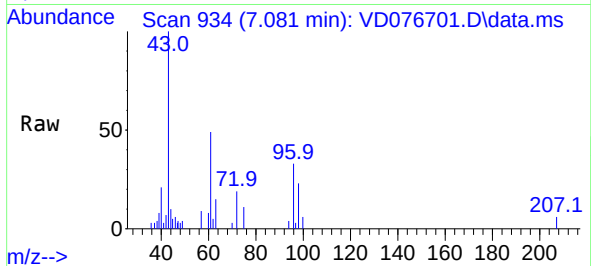




#22
2-Butanone
Concen: 10.772 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076701.D
Acq: 03 Jul 2023 19:08

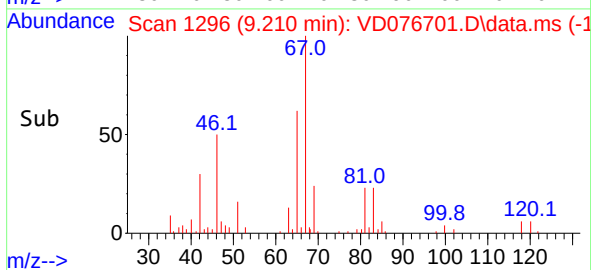
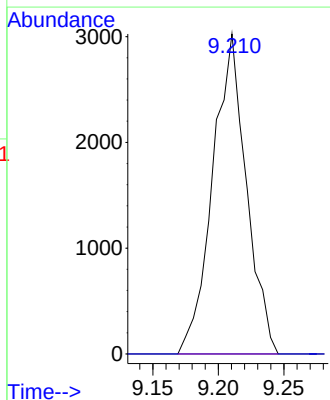
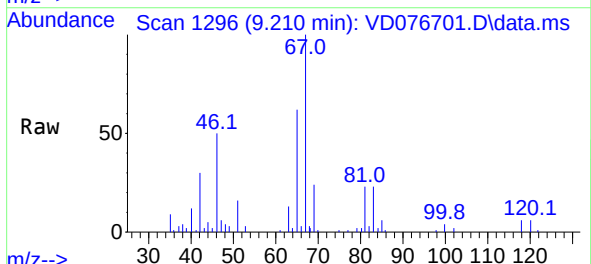
Instrument :
MSVOA_D
ClientSampleId :
A46R7

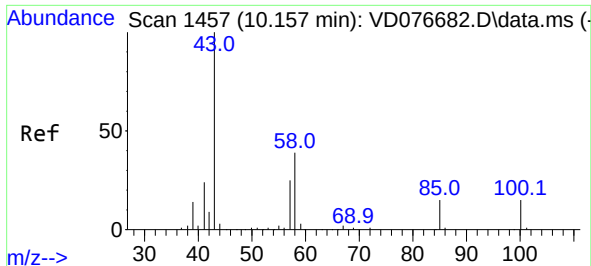
Tgt Ion: 43 Resp: 14673
Ion Ratio Lower Upper
43 100
72 16.0 12.9 38.7



#37
1,2-Dichloropropane
Concen: 1.340 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD076701.D
Acq: 03 Jul 2023 19:08

Tgt Ion: 63 Resp: 5413
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

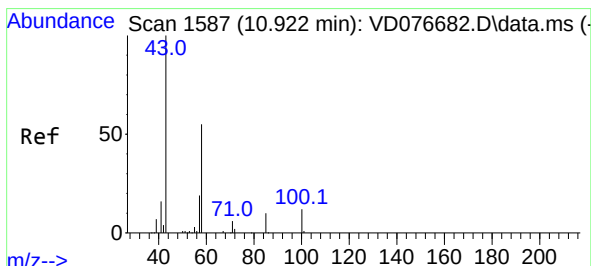
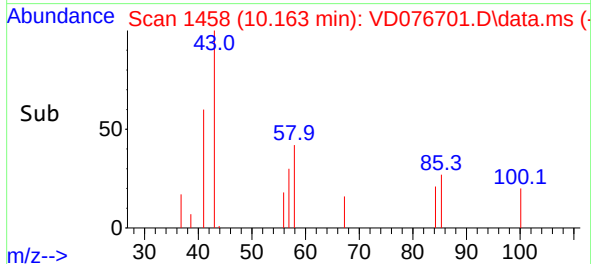
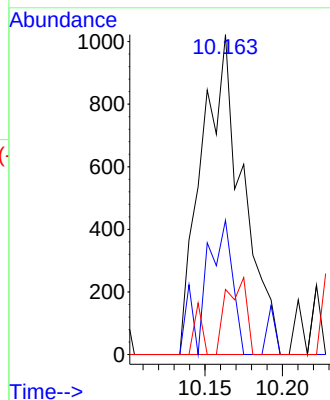
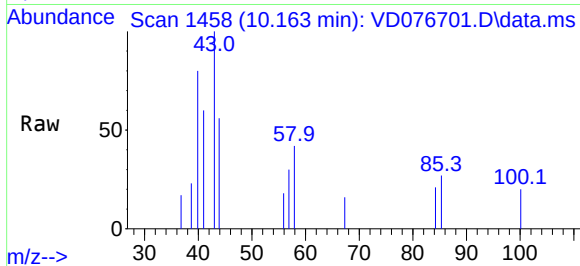




#40
4-Methyl-2-pentanone
Concen: 0.750 ug/L
RT: 10.163 min Scan# 1457
Delta R.T. 0.006 min
Lab File: VD076701.D
Acq: 03 Jul 2023 19:08

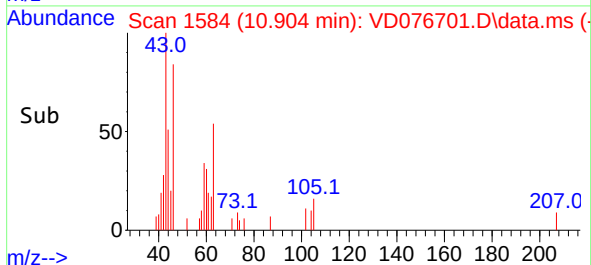
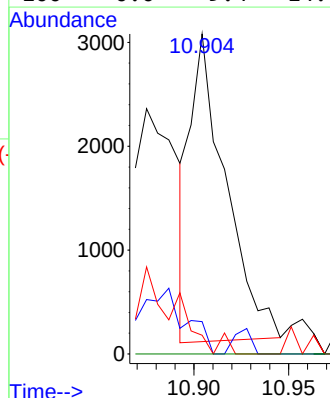
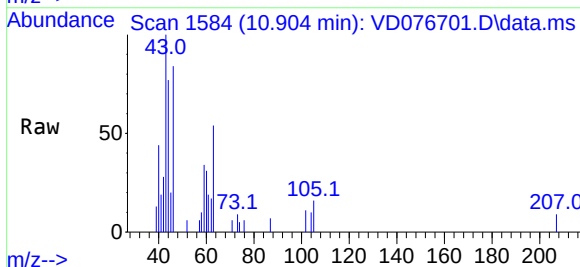
Instrument :
MSVOA_D
ClientSampleId :
A46R7

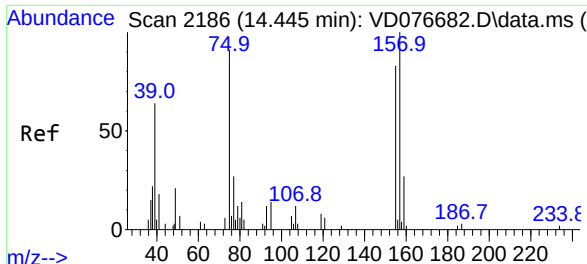
Tgt Ion: 43 Resp: 1885
Ion Ratio Lower Upper
43 100
58 23.8 30.7 46.1#
100 11.8 11.0 16.4



#48
2-Hexanone
Concen: 2.232 ug/L
RT: 10.904 min Scan# 1584
Delta R.T. -0.018 min
Lab File: VD076701.D
Acq: 03 Jul 2023 19:08

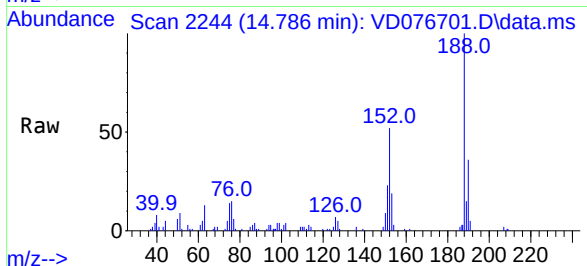
Tgt Ion: 43 Resp: 3841
Ion Ratio Lower Upper
43 100
58 5.8 42.9 64.3#
57 0.0 13.7 20.5#
100 0.0 9.4 14.0#





#68
1,2-Dibromo-3-chloropropane
Concen: 14.986 ug/L
RT: 14.786 min Scan# 2186
Delta R.T. 0.341 min
Lab File: VD076701.D
Acq: 03 Jul 2023 19:08

Instrument :
MSVOA_D
ClientSampleId :
A46R7



Tgt Ion: 75 Resp: 4628
Ion Ratio Lower Upper
75 100
155 0.0 76.2 114.4#
157 0.0 89.4 134.2#

