

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
 Data File : VD076703.D
 Acq On : 03 Jul 2023 20:01
 Operator : KP/SY
 Sample : 03504-05
 Misc : 5.01G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46T5

Quant Time: Jul 04 01:12:23 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)

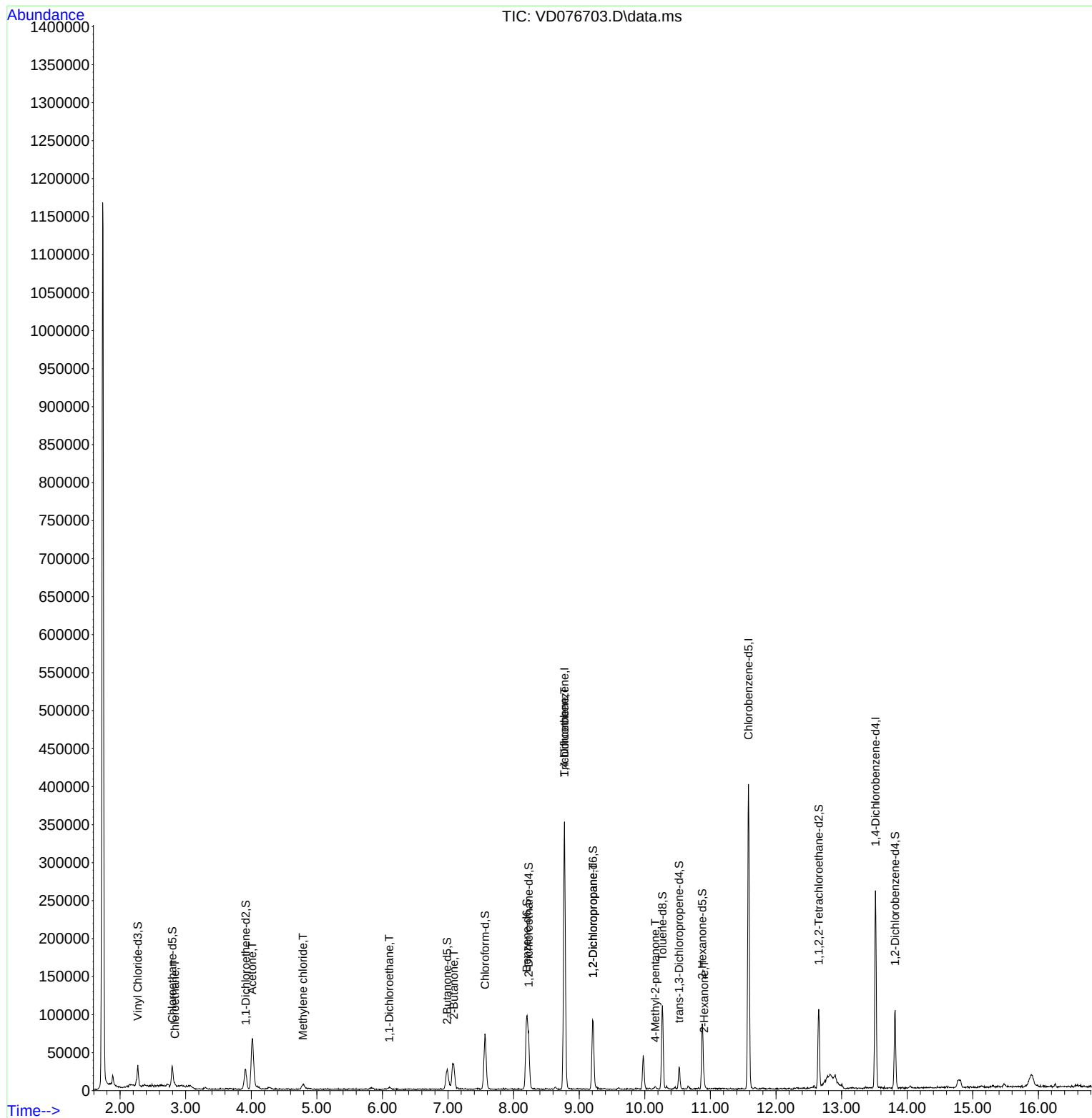
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	292359	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	218885	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	66820	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	20701	2.908	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	11.640%#
7) Chloroethane-d5	2.799	69	24953	4.334	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	17.320%#
11) 1,1-Dichloroethene-d2	3.917	65	7568	4.072	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	16.280%#
21) 2-Butanone-d5	6.987	46	44253	41.040	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.080%
24) Chloroform-d	7.563	84	71489	9.281	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	37.120%#
26) 1,2-Dichloroethane-d4	8.228	65	44221	11.638	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	46.560%#
32) Benzene-d6	8.199	84	95744	7.151	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	28.600%
36) 1,2-Dichloropropane-d6	9.210	67	42597	9.967	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	39.880%#
41) Toluene-d8	10.269	98	73996	5.968	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	23.880%#
43) trans-1,3-Dichloroprop...	10.522	79	15587	8.768	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	35.080%
47) 2-Hexanone-d5	10.875	63	27936	42.108	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.220%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	49213	16.185	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	64.720%
66) 1,2-Dichlorobenzene-d4	13.816	152	25317	10.337	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	41.360%#
Target Compounds						Qvalue
8) Chloroethane	2.834	64	2548	0.509	ug/L	98
13) Acetone	4.017	43	116401	133.654	ug/L	98
16) Methylene chloride	4.787	84	2393	0.471	ug/L	90
19) 1,1-Dichloroethane	6.105	63	2666	0.345	ug/L #	82
22) 2-Butanone	7.087	43	57485	40.901	ug/L	100
34) Trichloroethene	8.775	95	8614	2.315	ug/L #	4
37) 1,2-Dichloropropane	9.210	63	5290	1.339	ug/L #	88
40) 4-Methyl-2-pentanone	10.157	43	2377	0.967	ug/L #	80
48) 2-Hexanone	10.904	43	2805	1.667	ug/L #	49

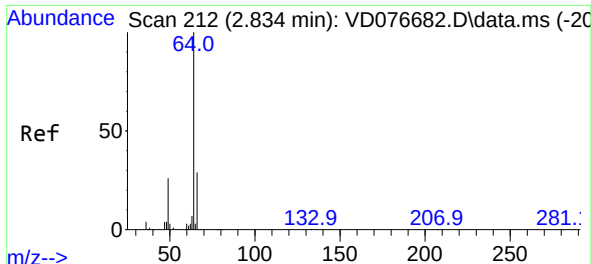
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
Data File : VD076703.D
Acq On : 03 Jul 2023 20:01
Operator : KP/SY
Sample : 03504-05
Misc : 5.01G/10.0ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46T5

Quant Time: Jul 04 01:12:23 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

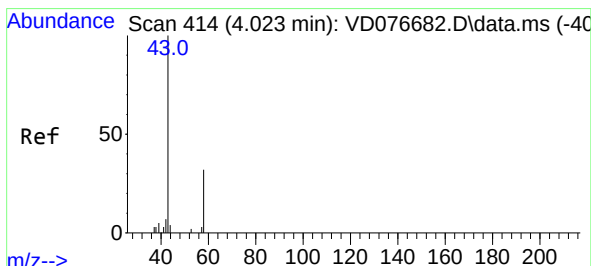
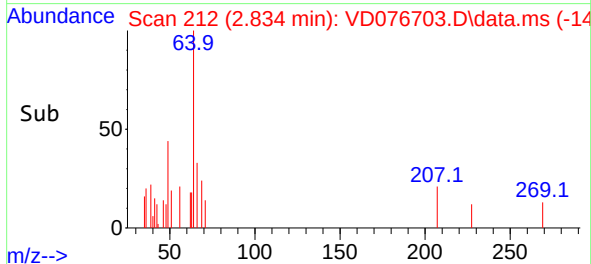
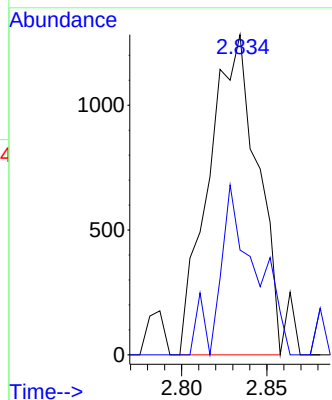
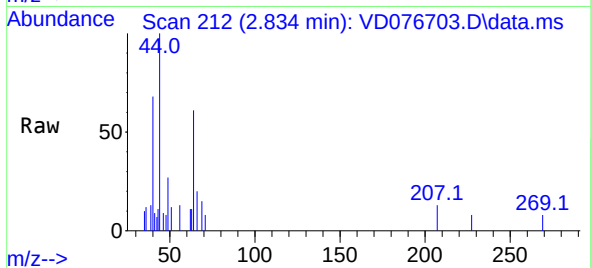




#8
Chloroethane
Concen: 0.509 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD076703.D
Acq: 03 Jul 2023 20:01

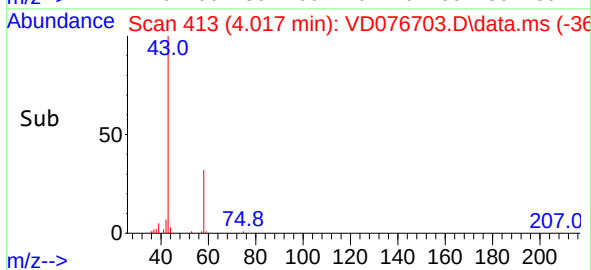
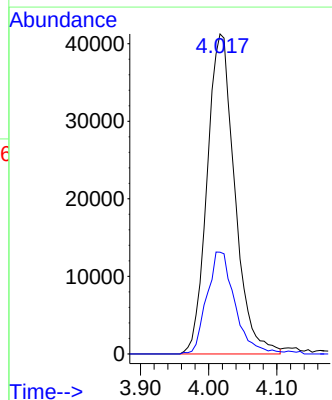
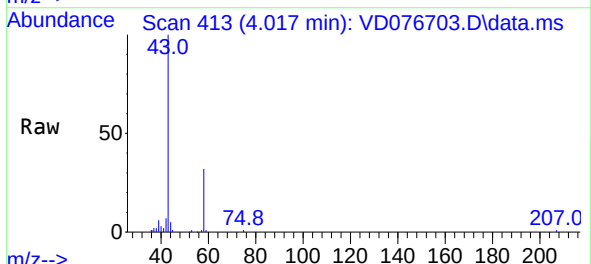
Instrument :
MSVOA_D
ClientSampleId :
A46T5

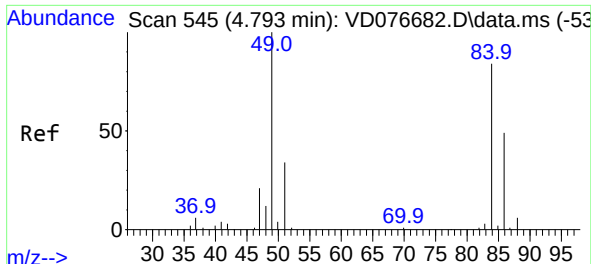
Tgt Ion: 64 Resp: 2548
Ion Ratio Lower Upper
64 100
66 32.7 22.1 41.1



#13
Acetone
Concen: 133.654 ug/L
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD076703.D
Acq: 03 Jul 2023 20:01

Tgt Ion: 43 Resp: 116401
Ion Ratio Lower Upper
43 100
58 32.3 0.0 67.4

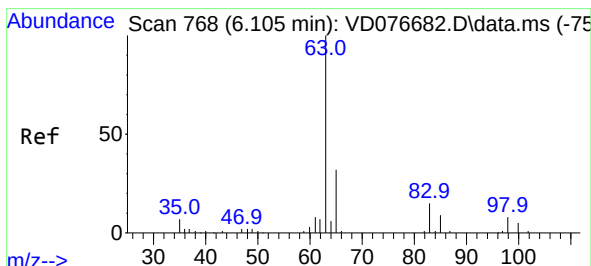
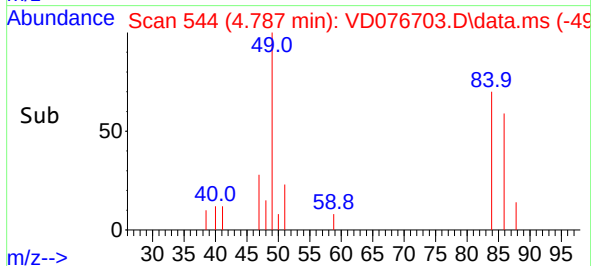
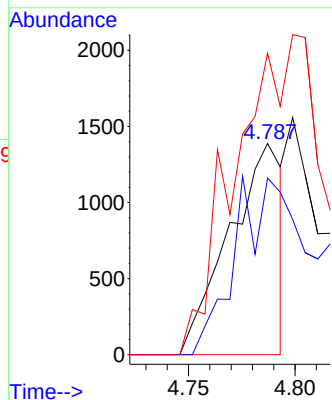
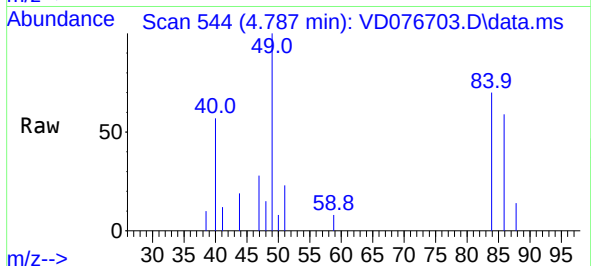




#16
Methylene chloride
Concen: 0.471 ug/L
RT: 4.787 min Scan# 544
Delta R.T. 0.000 min
Lab File: VD076703.D
Acq: 03 Jul 2023 20:01

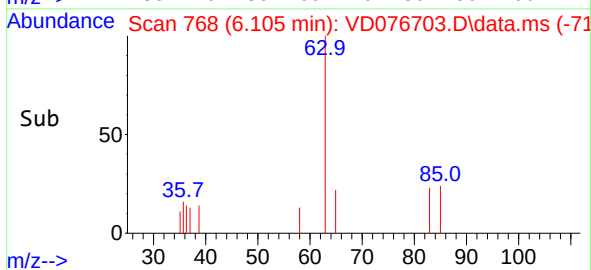
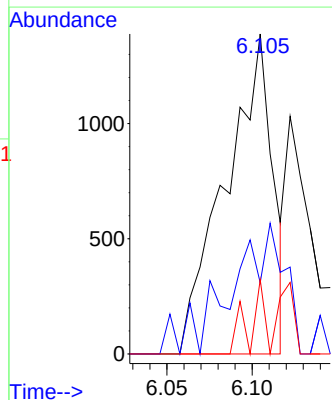
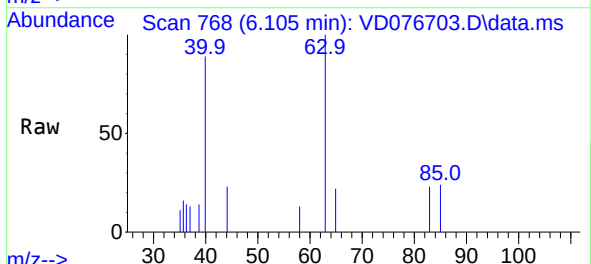
Instrument :
MSVOA_D
ClientSampleId :
A46T5

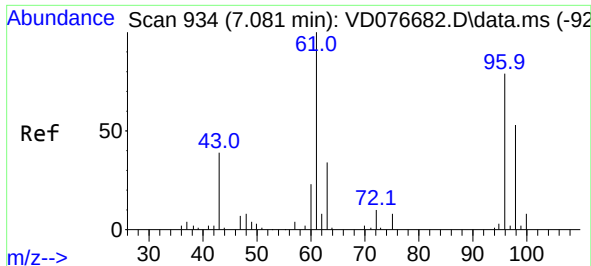
Tgt Ion: 84 Resp: 2393
Ion Ratio Lower Upper
84 100
86 83.6 45.1 83.9
49 142.8 97.2 180.6



#19
1,1-Dichloroethane
Concen: 0.345 ug/L
RT: 6.105 min Scan# 768
Delta R.T. 0.000 min
Lab File: VD076703.D
Acq: 03 Jul 2023 20:01

Tgt Ion: 63 Resp: 2666
Ion Ratio Lower Upper
63 100
65 22.2 20.8 38.6
83 23.3 8.9 16.5#

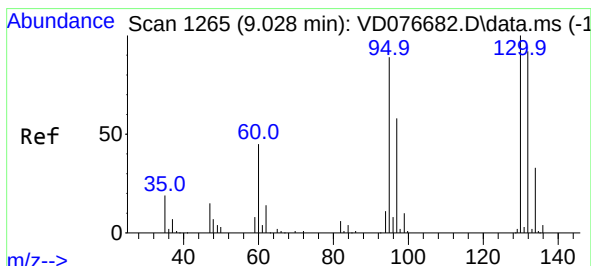
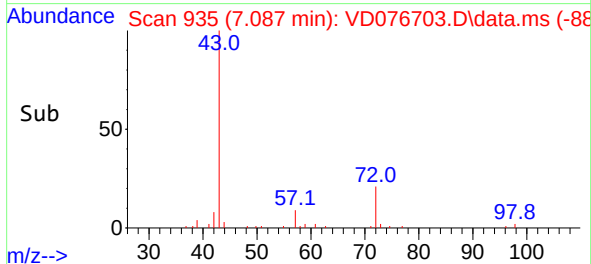
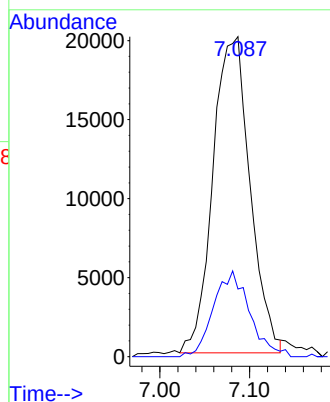
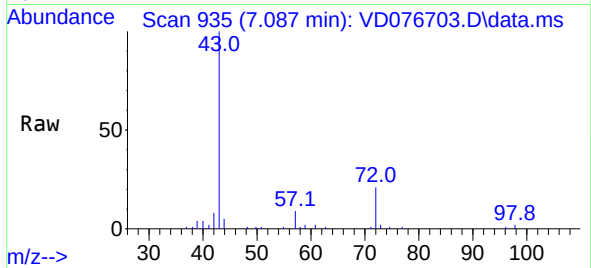




#22
2-Butanone
Concen: 40.901 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076703.D
Acq: 03 Jul 2023 20:01

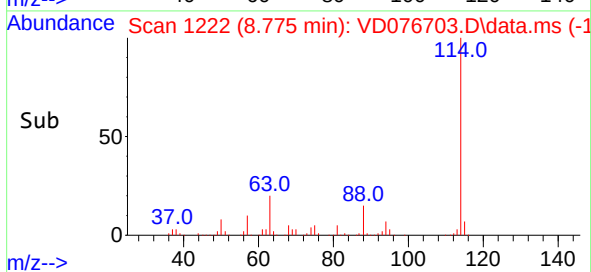
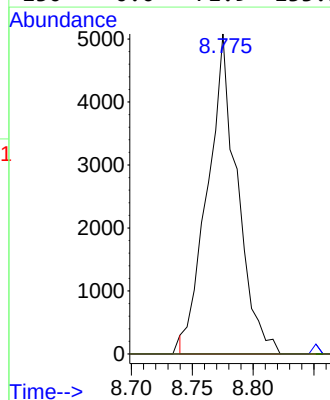
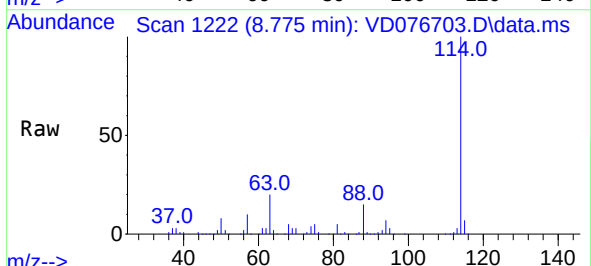
Instrument :
MSVOA_D
ClientSampleId :
A46T5

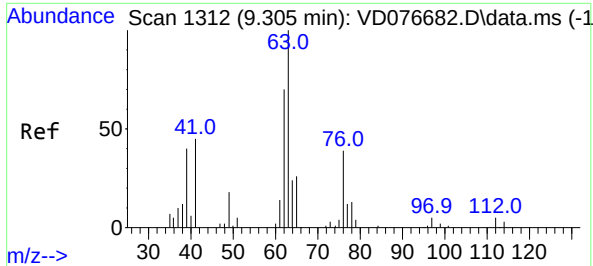
Tgt Ion: 43 Resp: 57485
Ion Ratio Lower Upper
43 100
72 26.1 12.9 38.7



#34
Trichloroethene
Concen: 2.315 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD076703.D
Acq: 03 Jul 2023 20:01

Tgt Ion: 95 Resp: 8614
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#

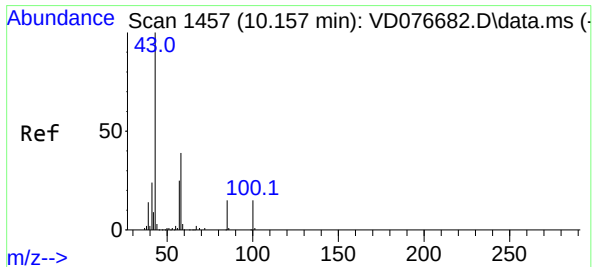
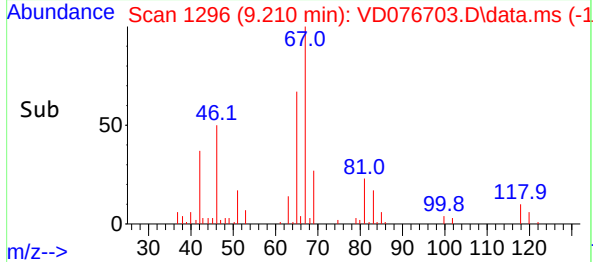
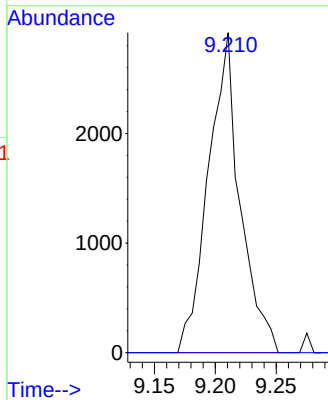
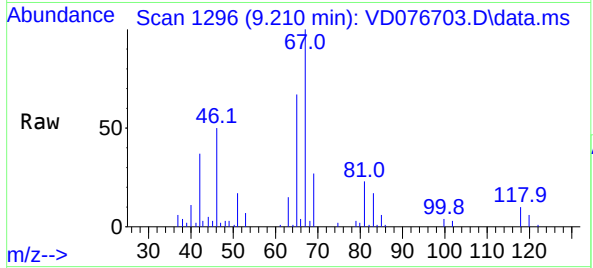




#37
 1,2-Dichloropropane
 Concen: 1.339 ug/L
 RT: 9.210 min Scan# 11
 Delta R.T. -0.094 min
 Lab File: VD076703.D
 Acq: 03 Jul 2023 20:01

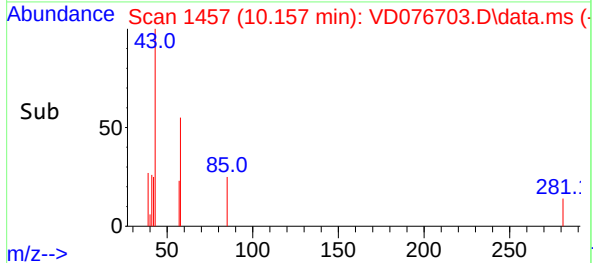
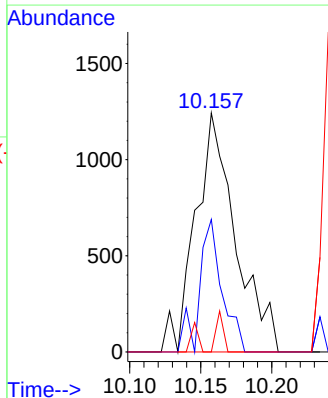
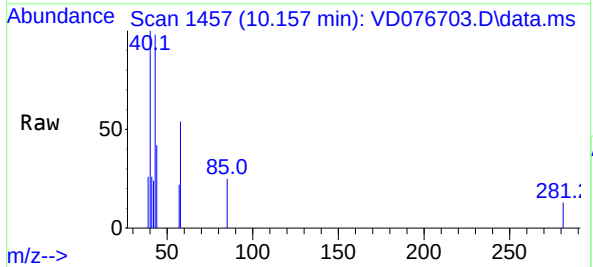
Instrument :
 MSVOA_D
 ClientSampleId :
 A46T5

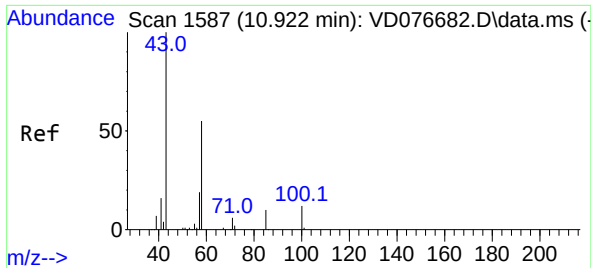
Tgt Ion: 63 Resp: 5290
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#40
 4-Methyl-2-pentanone
 Concen: 0.967 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VD076703.D
 Acq: 03 Jul 2023 20:01

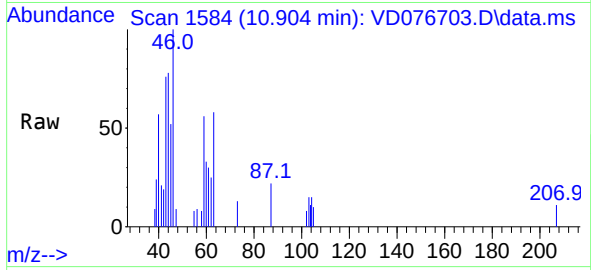
Tgt Ion: 43 Resp: 2377
 Ion Ratio Lower Upper
 43 100
 58 29.0 30.7 46.1#
 100 0.0 11.0 16.4#





#48
2-Hexanone
Concen: 1.667 ug/L
RT: 10.904 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD076703.D
Acq: 03 Jul 2023 20:01

Instrument :
MSVOA_D
ClientSampleId :
A46T5



Tgt Ion: 43 Resp: 2805

Ion	Ratio	Lower	Upper
43	100		
58	8.7	42.9	64.3#
57	4.1	13.7	20.5#
100	0.0	9.4	14.0#

