

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042923\
 Data File : VD075926.D
 Acq On : 29 Apr 2023 19:46
 Operator : KP/SY
 Sample : 02548-41
 Misc : 5.47G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCS0MS

Quant Time: May 01 00:18:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon May 01 00:14:49 2023
 Response via : Initial Calibration

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

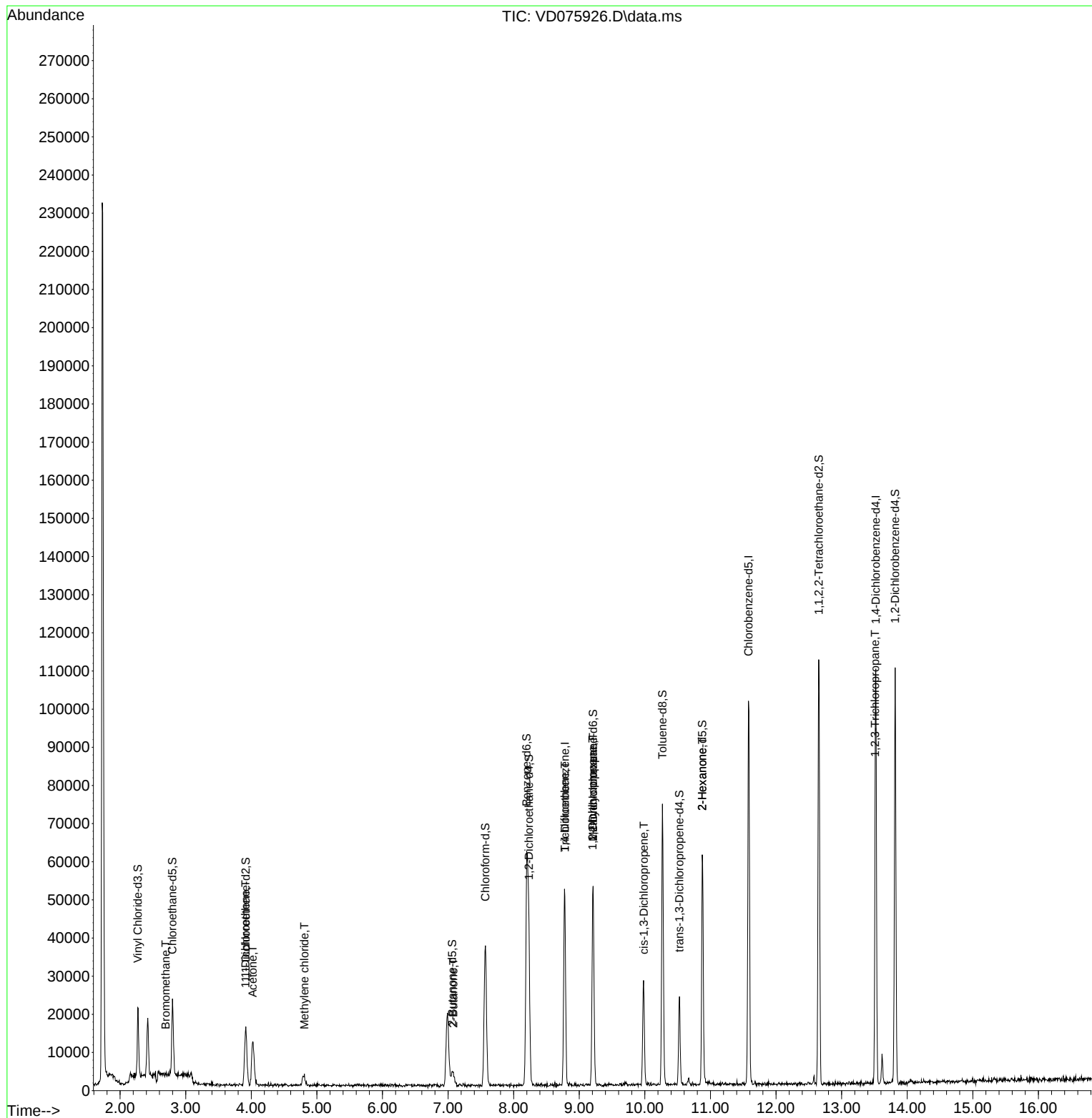
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	52650	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	67724	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	34079	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	17268	14.951	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	59.800%		
7) Chloroethane-d5	2.799	69	21009	21.052	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.200%		
11) 1,1-Dichloroethene-d2	3.916	65	4564	17.140	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	68.560%		
21) 2-Butanone-d5	7.063	46	446	4.448	ug/L	0.08
Spiked Amount 50.000	Range 20 - 135		Recovery =	8.900%#		
24) Chloroform-d	7.569	84	41738	31.701	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	126.800%		
26) 1,2-Dichloroethane-d4	8.234	65	28343	50.410	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	201.640%#		
32) Benzene-d6	8.198	84	69065	17.497	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	70.000%		
36) 1,2-Dichloropropane-d6	9.210	67	27579	25.243	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	100.960%		
41) Toluene-d8	10.269	98	55646	15.058	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	60.240%		
43) trans-1,3-Dichloroprop...	10.528	79	13674	30.279	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	121.120%		
47) 2-Hexanone-d5	10.875	63	22191	168.687	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	337.380%#		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	60764	72.680	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	290.720%#		
66) 1,2-Dichlorobenzene-d4	13.816	152	30430	25.244	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	100.960%		
Target Compounds						Qvalue
6) Bromomethane	2.693	94	435	0.490	ug/L	76
12) 1,1-Dichloroethene	3.910	96	233	0.337	ug/L #	1
13) Acetone	4.022	43	19173	223.443	ug/L	99
16) Methylene chloride	4.810	84	1160	1.086	ug/L #	79
22) 2-Butanone	7.081	43	502	4.488	ug/L	83
34) Trichloroethene	8.781	95	1029	0.971	ug/L #	2
35) Methylcyclohexane	9.210	83	6723	4.116	ug/L #	23
37) 1,2-Dichloropropane	9.204	63	2663	2.830	ug/L #	85
39) cis-1,3-Dichloropropene	9.987	75	773	0.517	ug/L	91
48) 2-Hexanone	10.875	43	2347	9.704	ug/L #	51
61) 1,2,3-Trichloropropane	13.510	75	3898	7.281	ug/L #	50

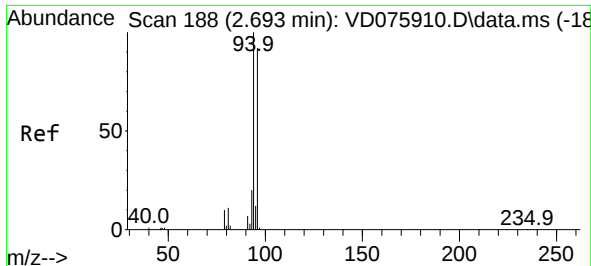
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042923\
Data File : VD075926.D
Acq On : 29 Apr 2023 19:46
Operator : KP/SY
Sample : 02548-41
Misc : 5.47G/10.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DCCS0MS

Quant Time: May 01 00:18:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
QLast Update : Mon May 01 00:14:49 2023
Response via : Initial Calibration

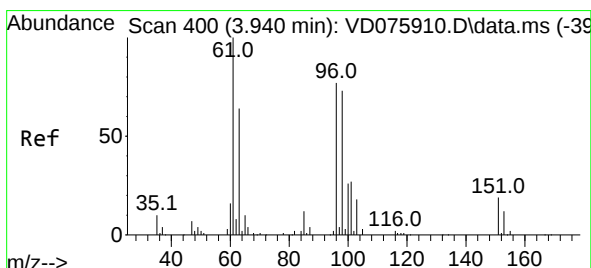
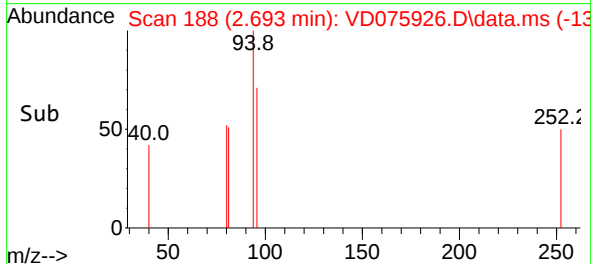
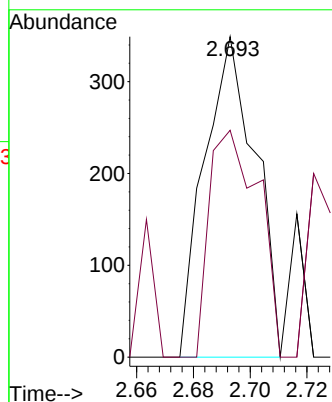
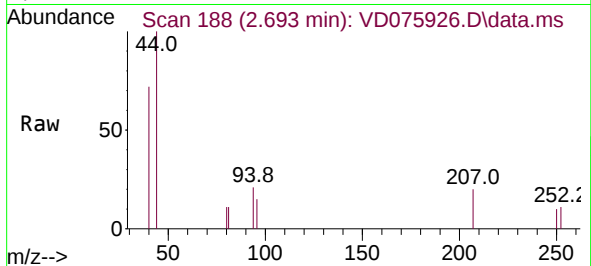




#6
Bromomethane
Concen: 0.490 ug/L
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075926.D
Acq: 29 Apr 2023 19:46

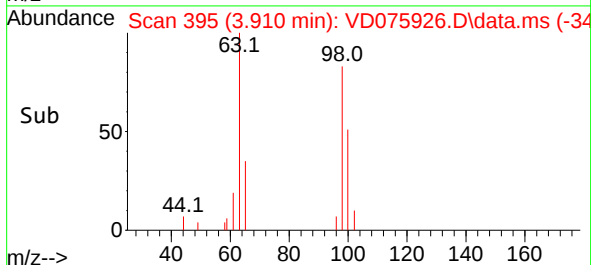
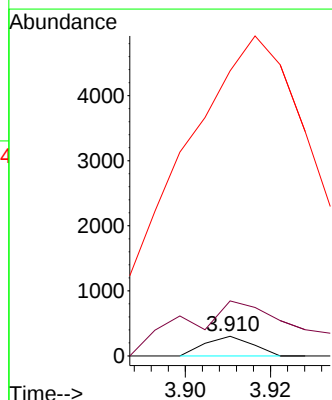
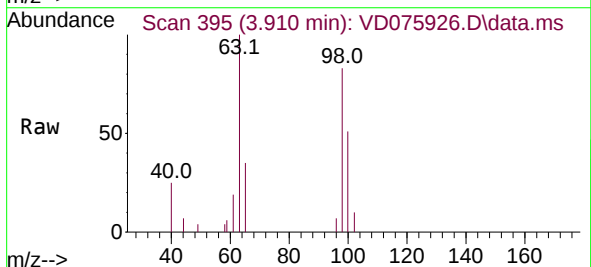
Instrument :
MSVOA_D
ClientSampleId :
DCCS0MS

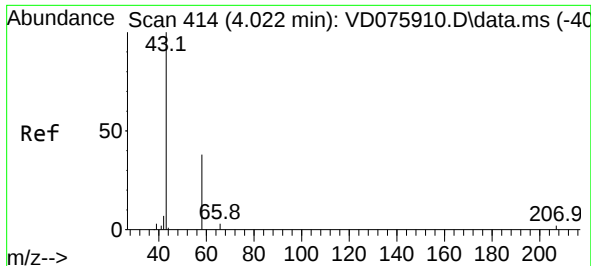
Tgt Ion: 94 Resp: 435
Ion Ratio Lower Upper
94 100
96 70.8 65.7 121.9



#12
1,1-Dichloroethene
Concen: 0.337 ug/L
RT: 3.910 min Scan# 395
Delta R.T. -0.030 min
Lab File: VD075926.D
Acq: 29 Apr 2023 19:46

Tgt Ion: 96 Resp: 233
Ion Ratio Lower Upper
96 100
61 279.8 92.6 172.0#
63 1450.7 77.4 143.8#

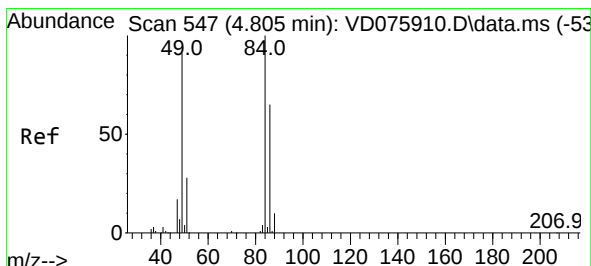
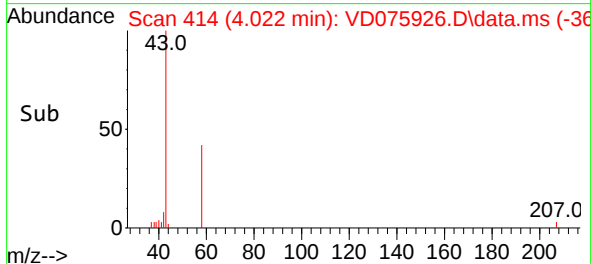
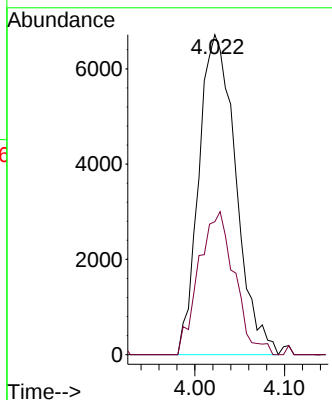
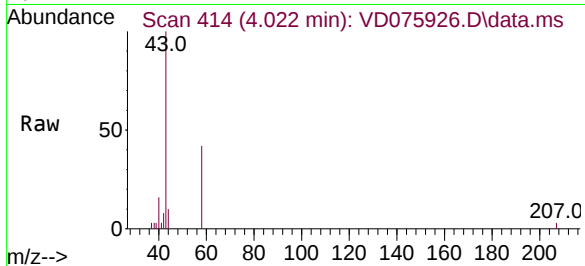




#13
Acetone
Concen: 223.443 ug/L
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075926.D
Acq: 29 Apr 2023 19:46

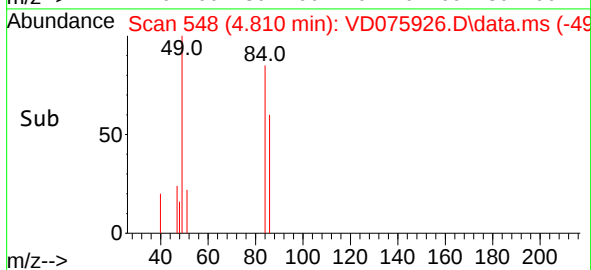
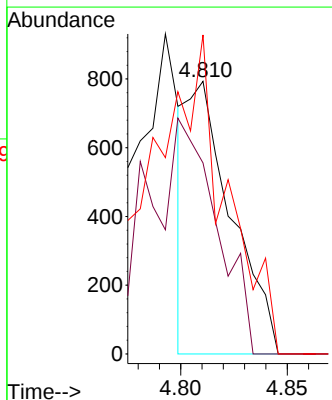
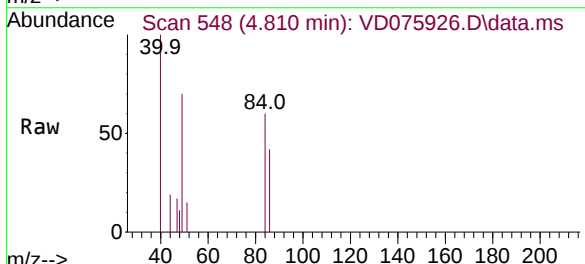
Instrument :
MSVOA_D
ClientSampleId :
DCCS0MS

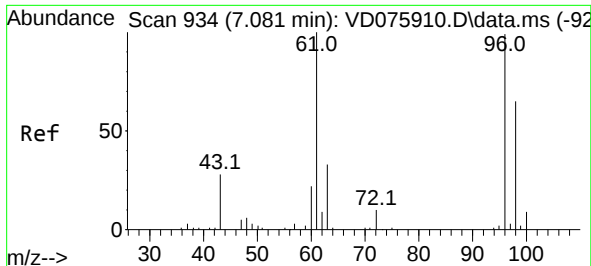
Tgt Ion: 43 Resp: 19173
Ion Ratio Lower Upper
43 100
58 43.1 0.0 87.4



#16
Methylene chloride
Concen: 1.086 ug/L
RT: 4.810 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD075926.D
Acq: 29 Apr 2023 19:46

Tgt Ion: 84 Resp: 1160
Ion Ratio Lower Upper
84 100
86 70.1 45.8 85.2
49 117.0 60.8 112.8#

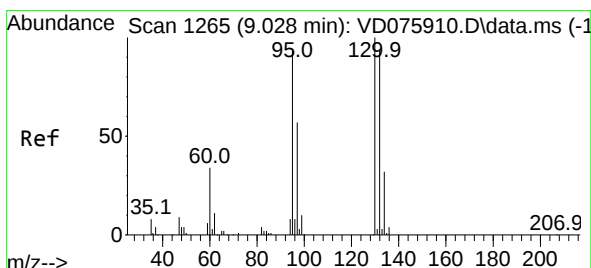
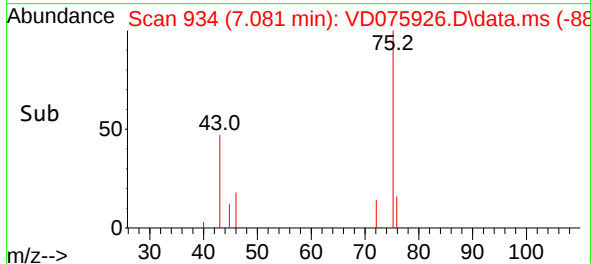
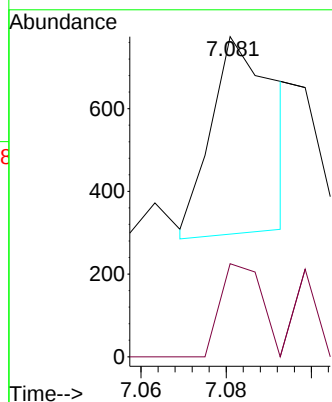
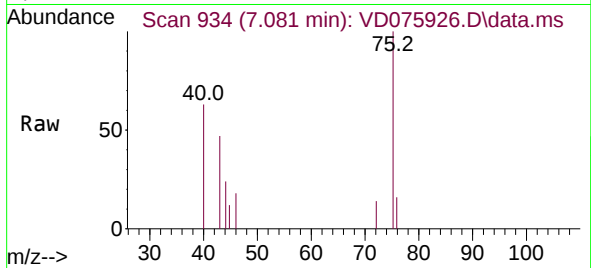




#22
2-Butanone
Concen: 4.488 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075926.D
Acq: 29 Apr 2023 19:46

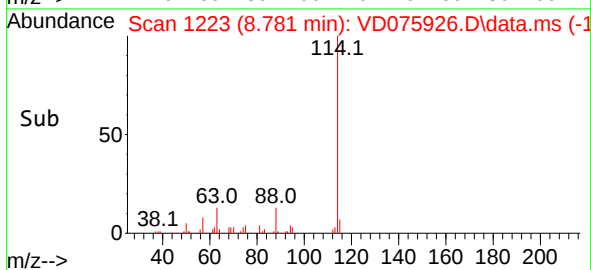
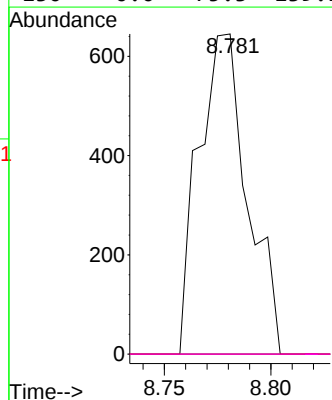
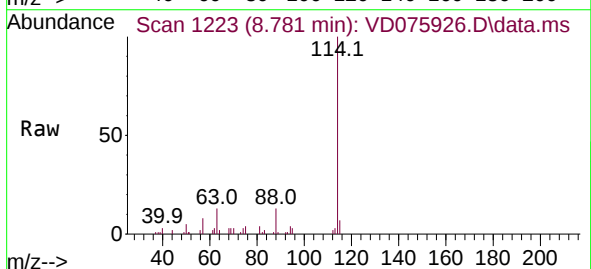
Instrument :
MSVOA_D
ClientSampleId :
DCCS0MS

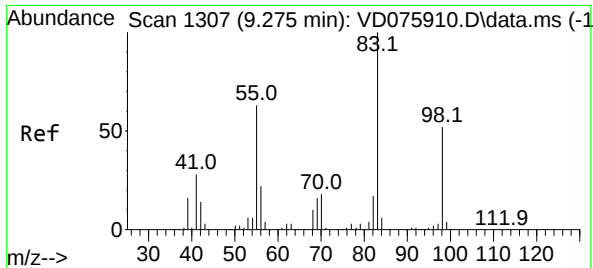
Tgt Ion: 43 Resp: 502
Ion Ratio Lower Upper
43 100
72 30.3 20.5 61.5



#34
Trichloroethene
Concen: 0.971 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD075926.D
Acq: 29 Apr 2023 19:46

Tgt Ion: 95 Resp: 1029
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#

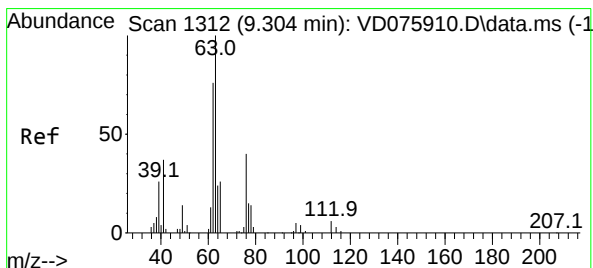
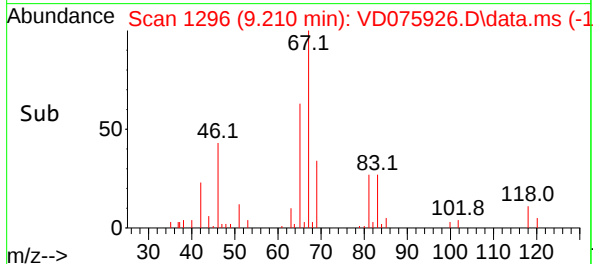
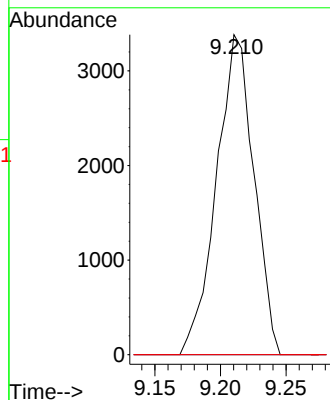
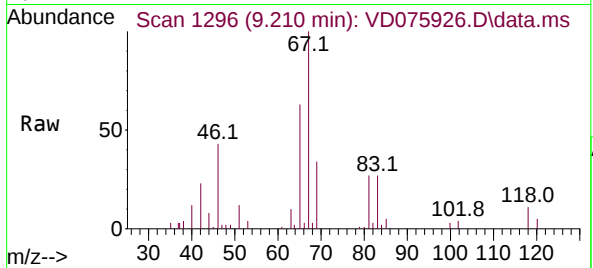




#35
Methylcyclohexane
Concen: 4.116 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD075926.D
Acq: 29 Apr 2023 19:46

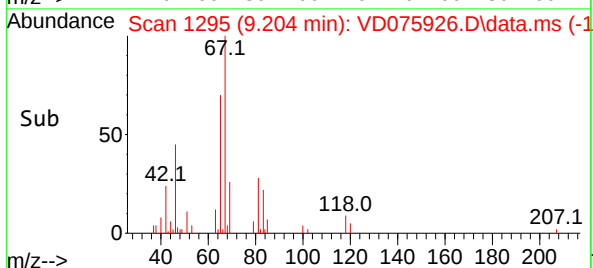
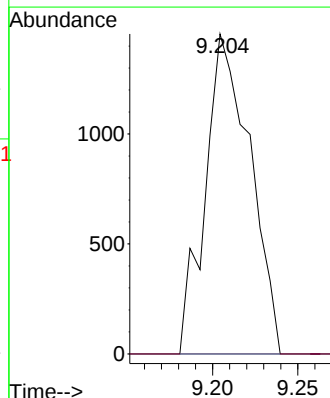
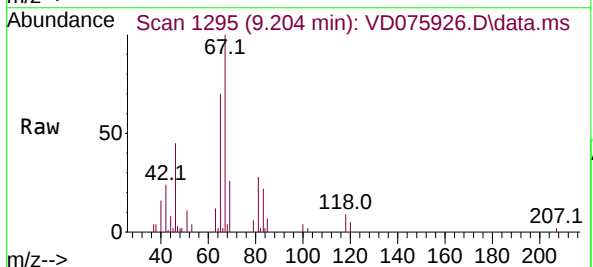
Instrument :
MSVOA_D
ClientSampleId :
DCCS0MS

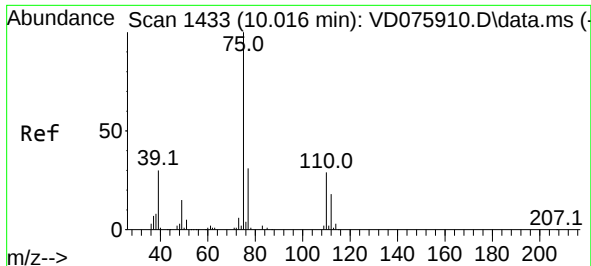
Tgt Ion: 83 Resp: 6723
Ion Ratio Lower Upper
83 100
55 0.0 48.2 72.2#
98 0.0 40.8 61.2#



#37
1,2-Dichloropropane
Concen: 2.830 ug/L
RT: 9.204 min Scan# 1295
Delta R.T. -0.100 min
Lab File: VD075926.D
Acq: 29 Apr 2023 19:46

Tgt Ion: 63 Resp: 2663
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.517 ug/L

RT: 9.987 min Scan# 1433

Delta R.T. -0.030 min

Lab File: VD075926.D

Acq: 29 Apr 2023 19:46

Instrument :

MSVOA_D

ClientSampleId :

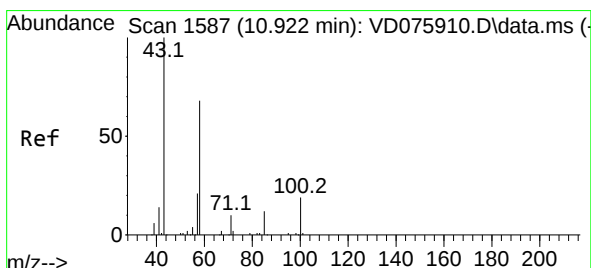
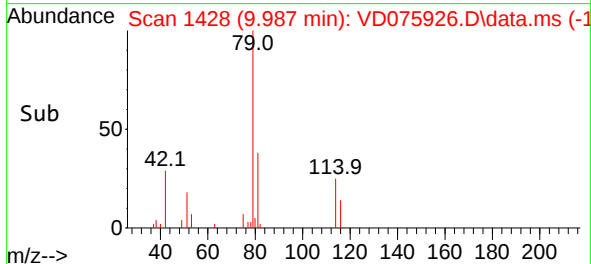
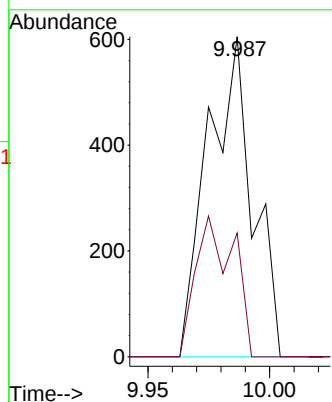
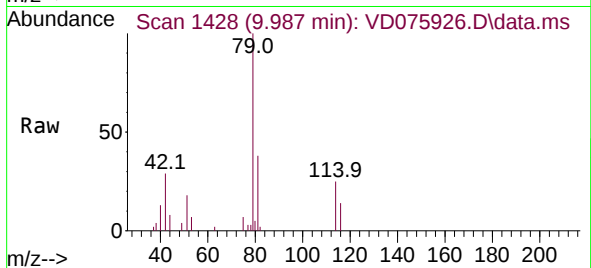
DCCS0MS

Tgt Ion: 75 Resp: 773

Ion Ratio Lower Upper

75 100

77 38.7 23.4 43.6



#48

2-Hexanone

Concen: 9.704 ug/L

RT: 10.875 min Scan# 1579

Delta R.T. -0.047 min

Lab File: VD075926.D

Acq: 29 Apr 2023 19:46

Tgt Ion: 43 Resp: 2347

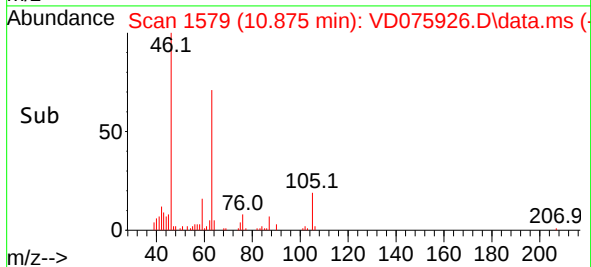
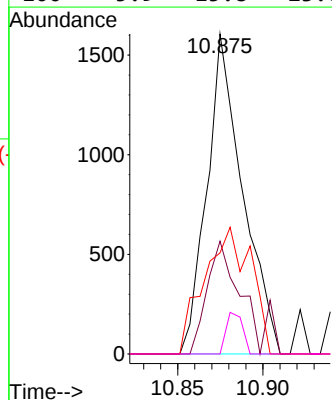
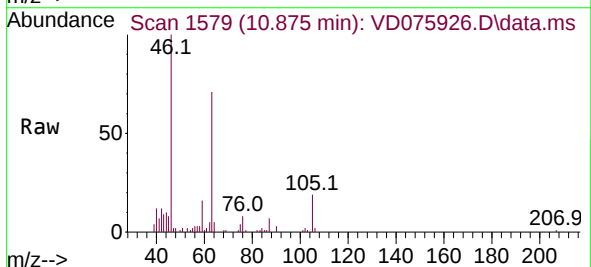
Ion Ratio Lower Upper

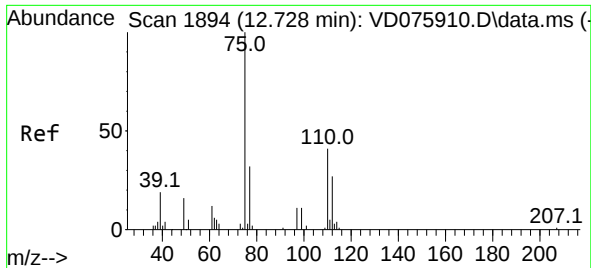
43 100

58 31.5 59.7 89.5#

57 51.6 17.9 26.9#

100 5.9 15.8 23.6#





#61

1,2,3-Trichloropropane

Concen: 7.281 ug/L

RT: 13.510 min Scan# 20

Delta R.T. 0.782 min

Lab File: VD075926.D

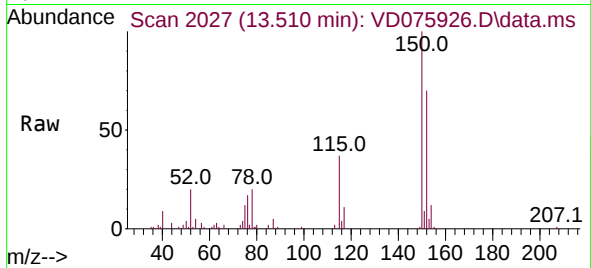
Acq: 29 Apr 2023 19:46

Instrument :

MSVOA_D

ClientSampleId :

DCCS0MS



Tgt Ion: 75 Resp: 3898

Ion Ratio Lower Upper

75 100

77 15.9 26.6 39.8#

110 0.0 33.5 50.3#

