

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050823\
 Data File : VD076036.D
 Acq On : 08 May 2023 13:34
 Operator : KP/SY
 Sample : 02591-30
 Misc : 4.65G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 09 02:37:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 06 00:21:26 2023
 Response via : Initial Calibration

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

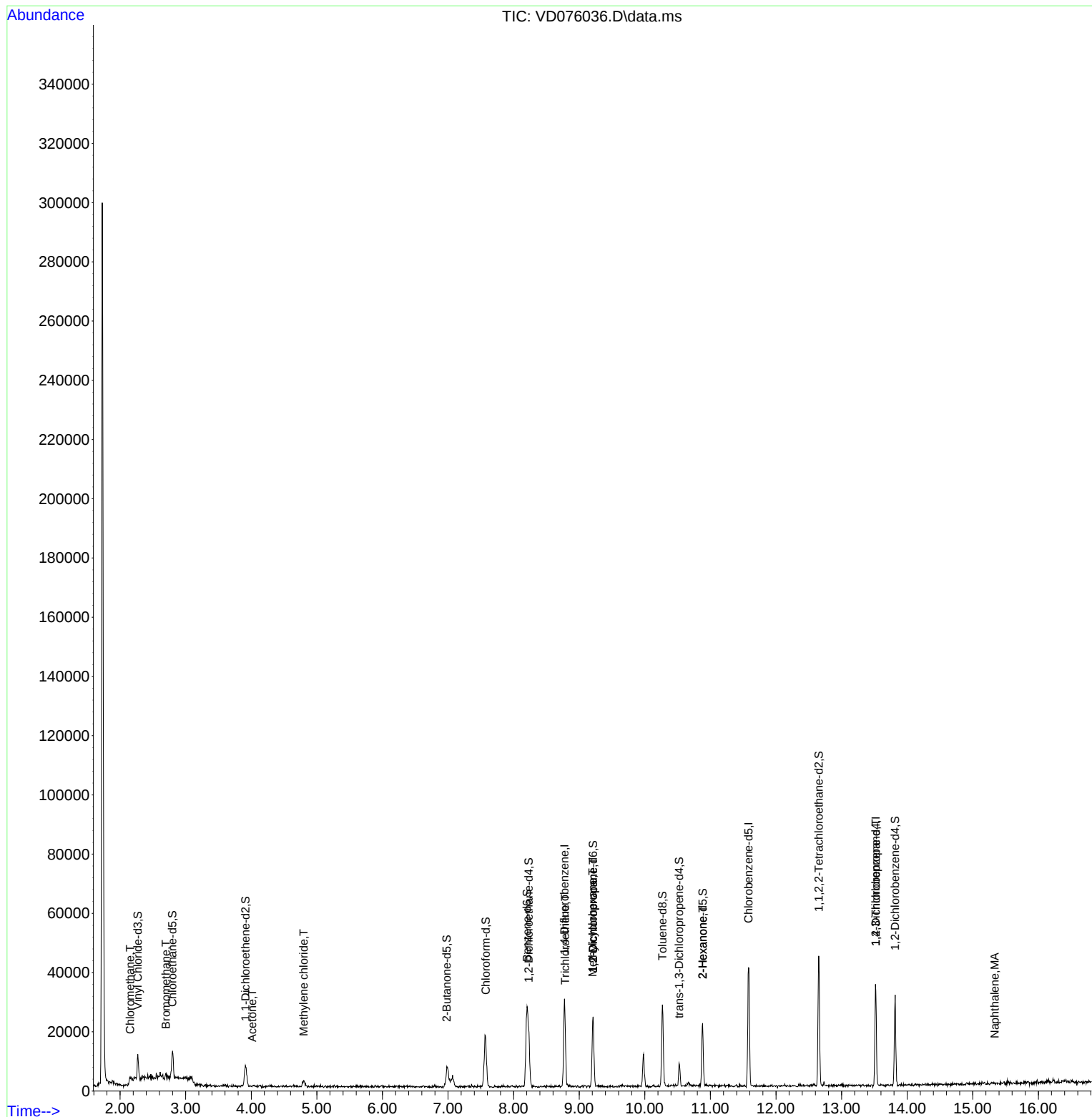
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	29779	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	27836	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	10416	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	8307	12.716	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	50.880%		
7) Chloroethane-d5	2.799	69	9753	17.279	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	69.120%		
11) 1,1-Dichloroethene-d2	3.911	65	1285	8.532	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	34.120%#		
21) 2-Butanone-d5	6.981	46	12552	221.327	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	442.660%#		
24) Chloroform-d	7.575	84	18645	25.038	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	100.160%		
26) 1,2-Dichloroethane-d4	8.228	65	12392	38.968	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	155.880%#		
32) Benzene-d6	8.205	84	29731	18.325	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	73.320%		
36) 1,2-Dichloropropane-d6	9.210	67	12535	27.914	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	111.640%		
41) Toluene-d8	10.269	98	21826	14.370	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	57.480%		
43) trans-1,3-Dichloroprop...	10.522	79	4619	24.885	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	99.520%		
47) 2-Hexanone-d5	10.881	63	7882	145.773	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	291.540%#		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	23138	67.333	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	269.320%#		
66) 1,2-Dichlorobenzene-d4	13.816	152	9160	24.863	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	99.440%		
Target Compounds						Qvalue
3) Chloromethane	2.152	50	259	0.453	ug/L #	41
6) Bromomethane	2.699	94	305	0.607	ug/L	83
13) Acetone	4.017	43	108	2.225	ug/L	89
16) Methylene chloride	4.799	84	1263	2.091	ug/L #	75
34) Trichloroethene	8.787	95	780	1.791	ug/L #	2
35) Methylcyclohexane	9.205	83	3104	4.624	ug/L #	23
37) 1,2-Dichloropropane	9.210	63	1133	2.929	ug/L #	85
48) 2-Hexanone	10.881	43	776	7.806	ug/L #	46
61) 1,2,3-Trichloropropane	13.522	75	944	5.769	ug/L #	58
71) Naphthalene	15.334	128	227	0.338	ug/L #	69

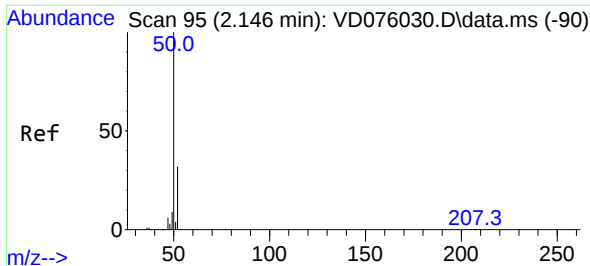
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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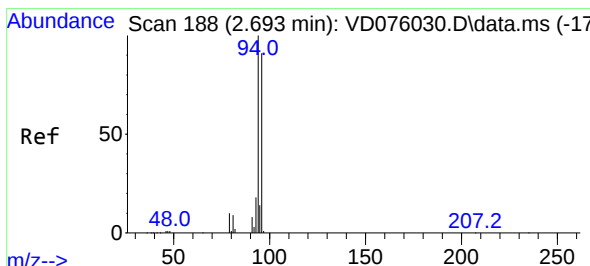
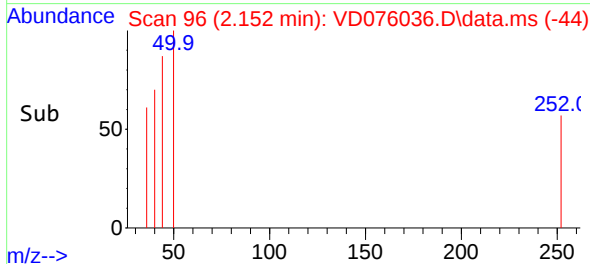
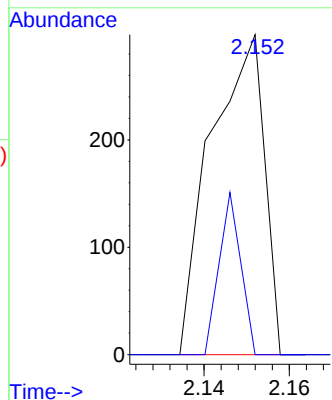
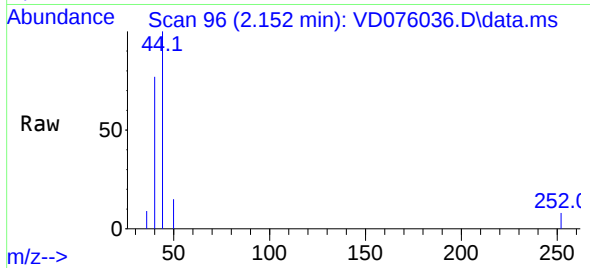




#3
Chloromethane
Concen: 0.453 ug/L
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD076036.D
Acq: 08 May 2023 13:34

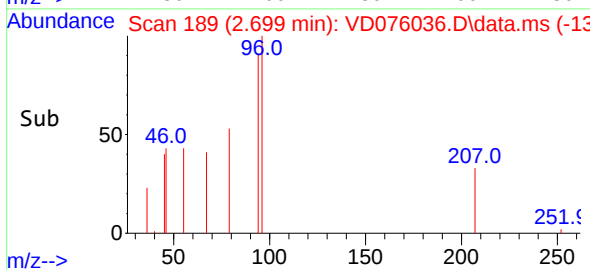
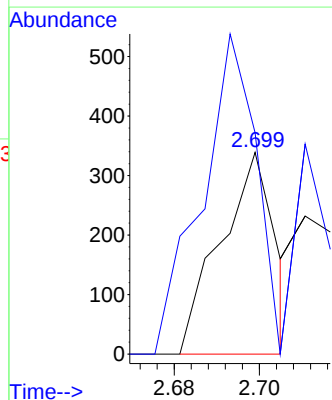
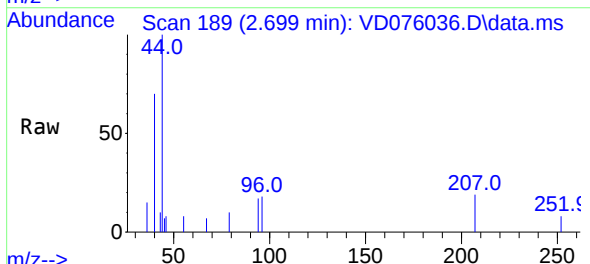
Instrument :
MSVOA_D
ClientSampleId :

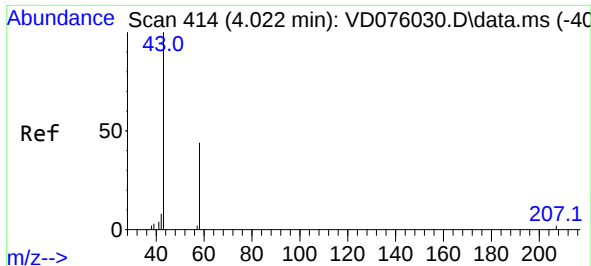
Tgt Ion: 50 Resp: 259
Ion Ratio Lower Upper
50 100
52 0.0 23.7 44.1#



#6
Bromomethane
Concen: 0.607 ug/L
RT: 2.699 min Scan# 189
Delta R.T. 0.006 min
Lab File: VD076036.D
Acq: 08 May 2023 13:34

Tgt Ion: 94 Resp: 305
Ion Ratio Lower Upper
94 100
96 109.7 65.7 121.9

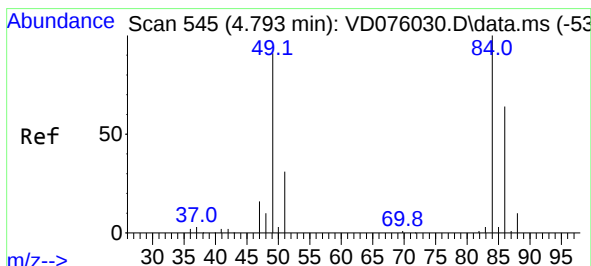
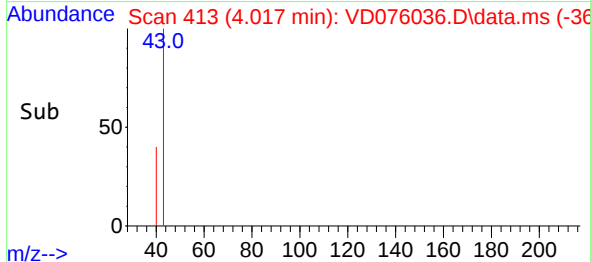
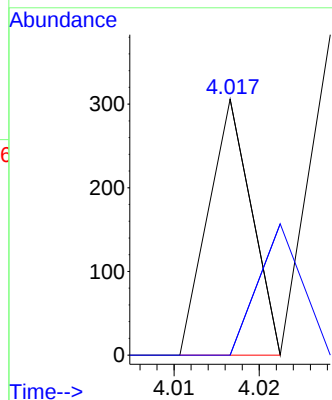
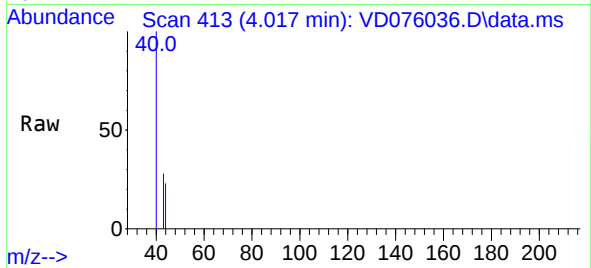




#13
Acetone
Concen: 2.225 ug/L
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD076036.D
Acq: 08 May 2023 13:34

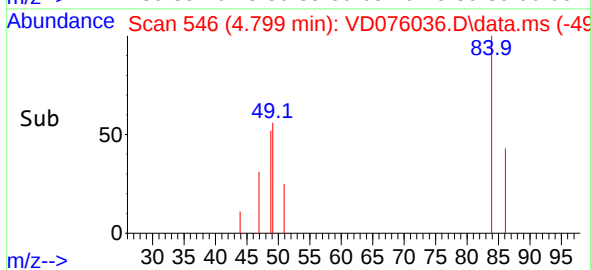
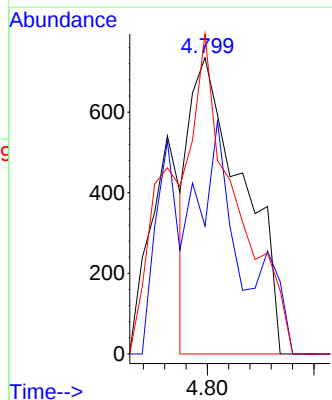
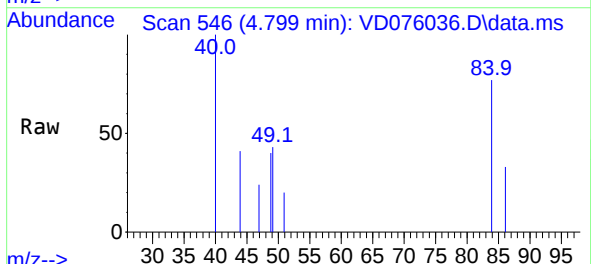
Instrument :
MSVOA_D
ClientSampleId :

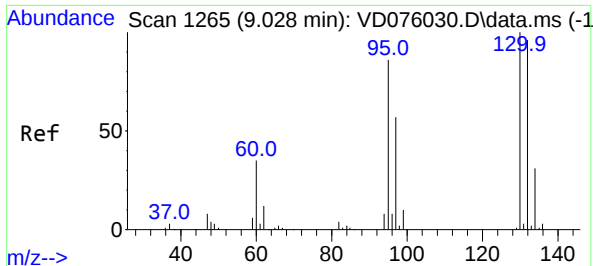
Tgt Ion: 43 Resp: 108
Ion Ratio Lower Upper
43 100
58 50.9 0.0 87.4



#16
Methylene chloride
Concen: 2.091 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD076036.D
Acq: 08 May 2023 13:34

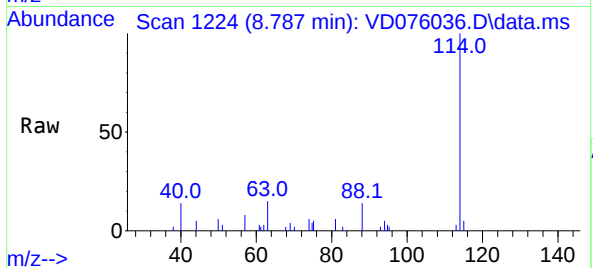
Tgt Ion: 84 Resp: 1263
Ion Ratio Lower Upper
84 100
86 43.1 45.8 85.2#
49 108.0 60.8 112.8





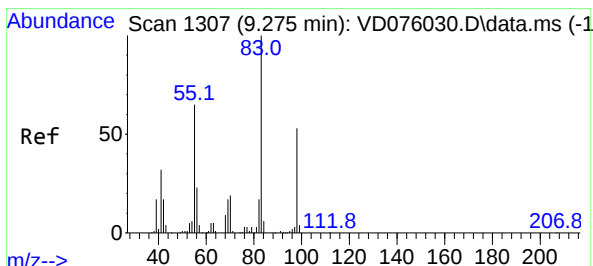
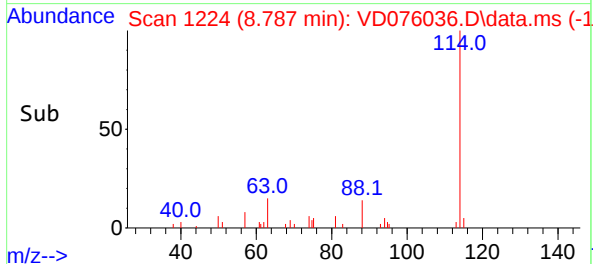
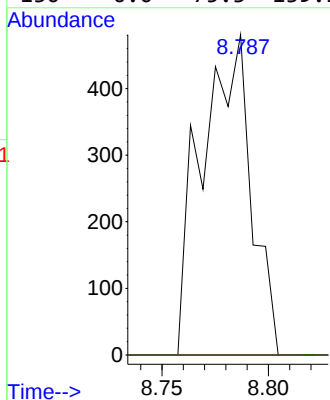
#34
Trichloroethene
Concen: 1.791 ug/L
RT: 8.787 min Scan# 11
Delta R.T. -0.241 min
Lab File: VD076036.D
Acq: 08 May 2023 13:34

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 95 Resp: 780

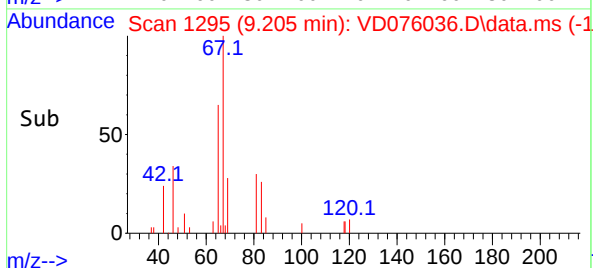
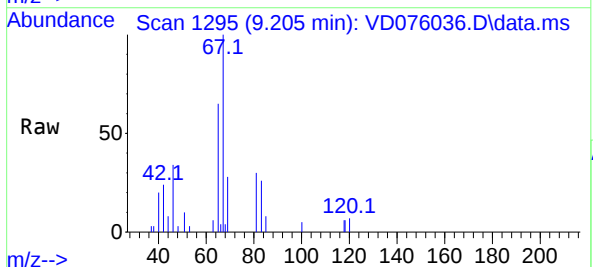
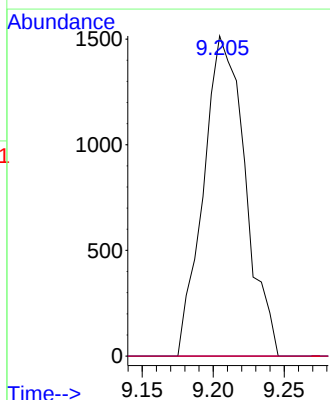
Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.0	85.4#
132	0.0	73.3	136.1#
130	0.0	75.3	139.9#

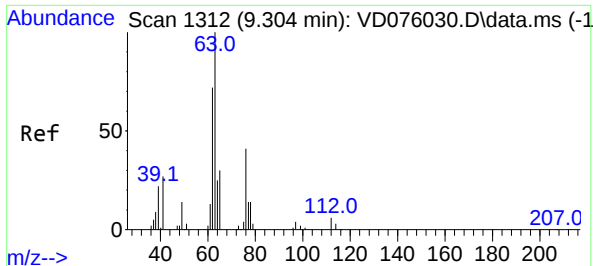


#35
Methylcyclohexane
Concen: 4.624 ug/L
RT: 9.205 min Scan# 1295
Delta R.T. -0.070 min
Lab File: VD076036.D
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Tgt Ion: 83 Resp: 3104

Ion	Ratio	Lower	Upper
83	100		
55	0.0	48.2	72.2#
98	0.0	40.8	61.2#

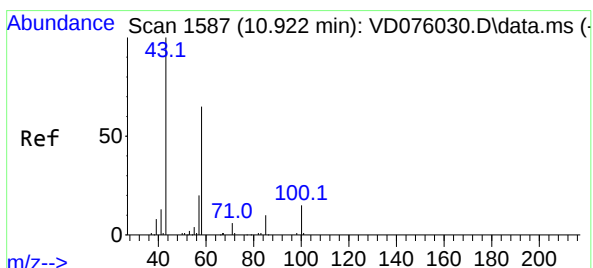
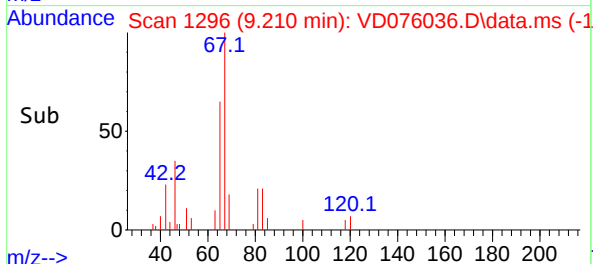
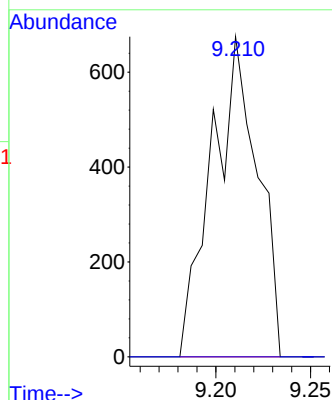
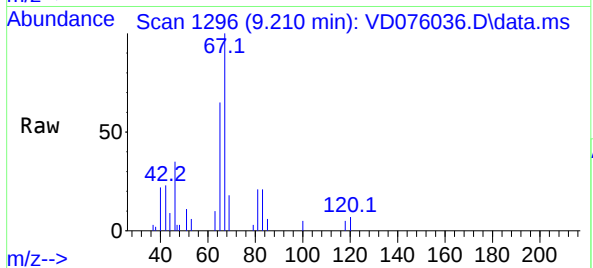




#37
1,2-Dichloropropane
Concen: 2.929 ug/L
RT: 9.210 min Scan# 1133
Delta R.T. -0.094 min
Lab File: VD076036.D
Acq: 08 May 2023 13:34

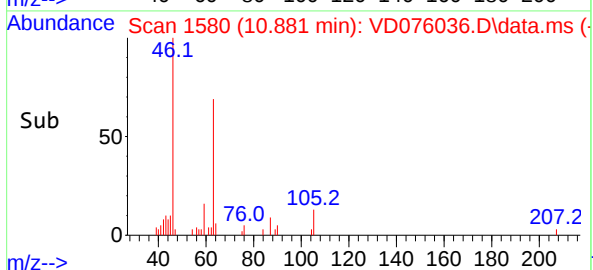
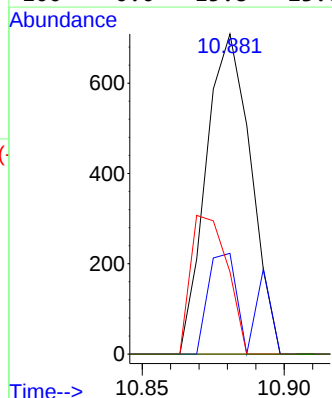
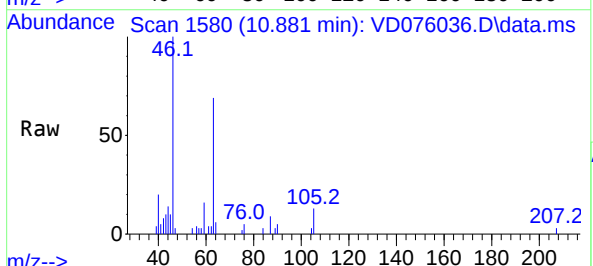
Instrument :
MSVOA_D
ClientSampleId :

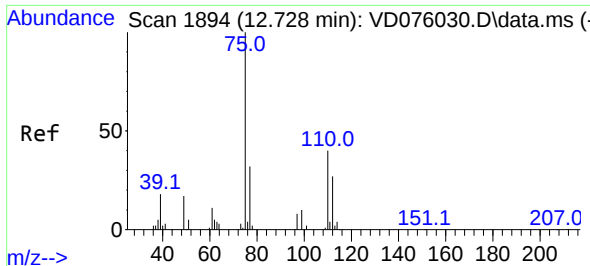
Tgt Ion: 63 Resp: 1133
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#48
2-Hexanone
Concen: 7.806 ug/L
RT: 10.881 min Scan# 1580
Delta R.T. -0.041 min
Lab File: VD076036.D
Acq: 08 May 2023 13:34

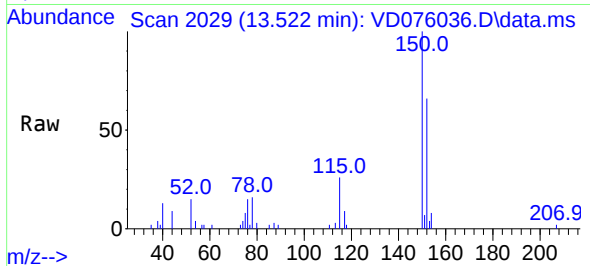
Tgt Ion: 43 Resp: 776
Ion Ratio Lower Upper
43 100
58 19.8 59.7 89.5#
57 35.7 17.9 26.9#
100 0.0 15.8 23.6#



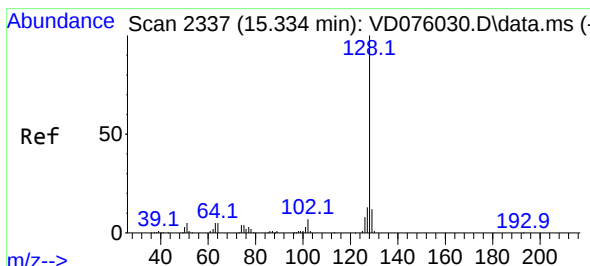
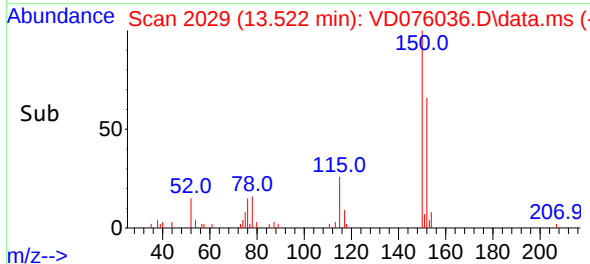
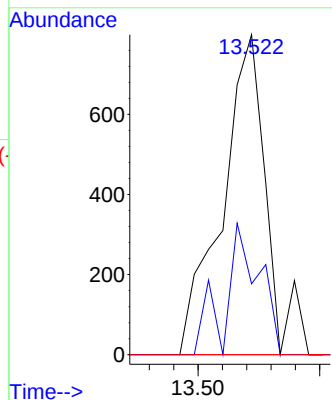


#61
1,2,3-Trichloropropane
Concen: 5.769 ug/L
RT: 13.522 min Scan# 20
Delta R.T. 0.794 min
Lab File: VD076036.D
Acq: 08 May 2023 13:34

Instrument :
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ClientSampleId :



Tgt Ion: 75 Resp: 944
Ion Ratio Lower Upper
75 100
77 27.3 26.6 39.8
110 0.0 33.5 50.3#



#71
Naphthalene
Concen: 0.338 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD076036.D
Acq: 08 May 2023 13:34

Tgt Ion: 128 Resp: 227
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 9.1 13.7#

