

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081123\
 Data File : VD076980.D
 Acq On : 11 Aug 2023 10:41
 Operator : JC/SY
 Sample : 03965-05RE
 Misc : 5.60G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A48H1RE

Quant Time: Aug 12 02:21:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 12 02:16:48 2023
 Response via : Initial Calibration

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

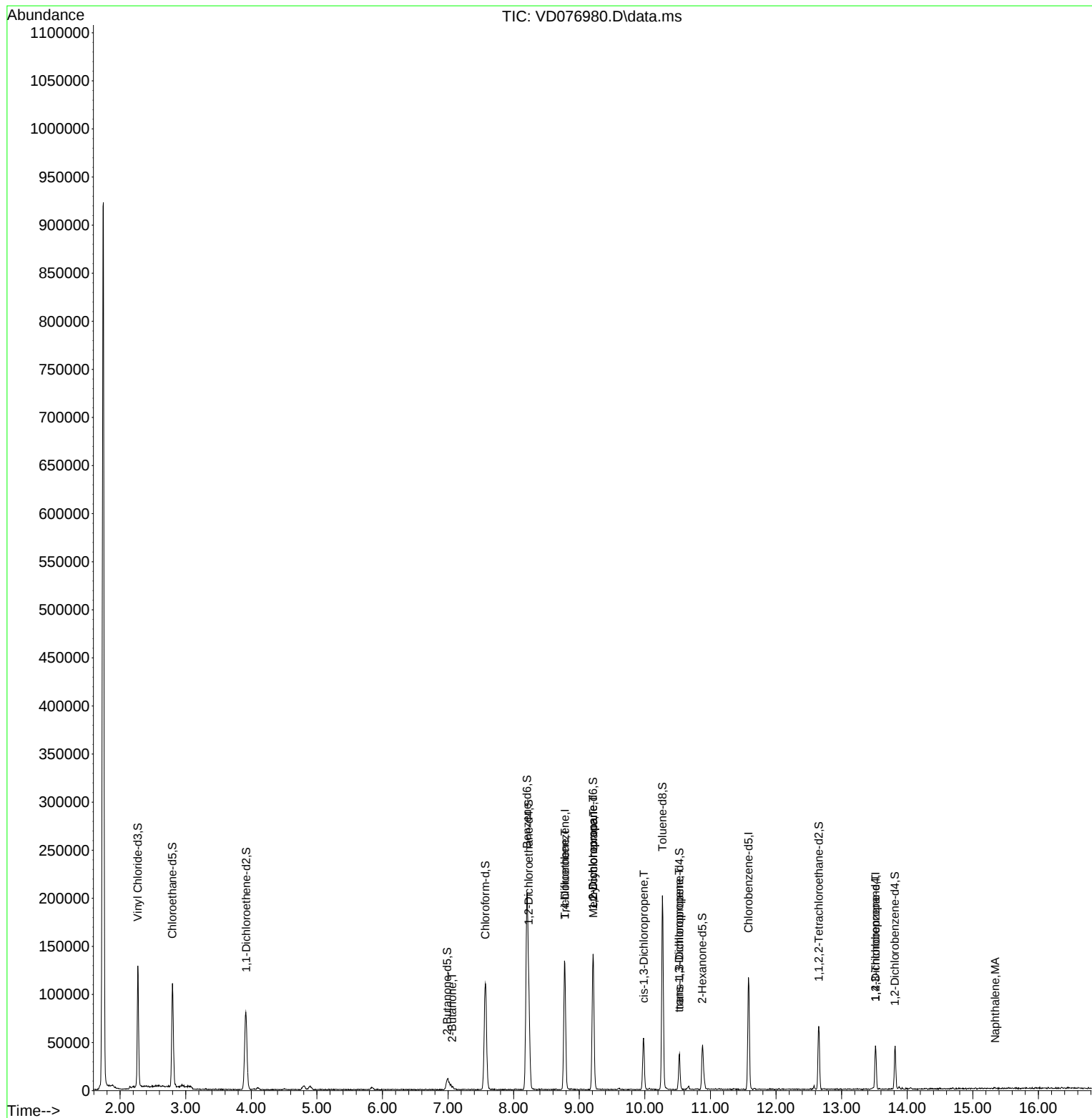
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	124202	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	72958	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	13110	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	112252	32.864	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	131.440%
7) Chloroethane-d5	2.799	69	108490	34.358	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	137.440%
11) 1,1-Dichloroethene-d2	3.922	65	22157	27.377	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	109.520%
21) 2-Butanone-d5	6.987	46	19093	34.817	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.640%
24) Chloroform-d	7.569	84	118492	29.298	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.200%
26) 1,2-Dichloroethane-d4	8.228	65	65112	32.296	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	129.200%
32) Benzene-d6	8.204	84	223403	48.703	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	194.800%#
36) 1,2-Dichloropropane-d6	9.210	67	71044	50.374	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	201.480%#
41) Toluene-d8	10.269	98	140521	33.413	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	133.640%#
43) trans-1,3-Dichloroprop...	10.528	79	20329	31.882	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	127.520%
47) 2-Hexanone-d5	10.875	63	16079	59.684	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.360%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	34112	25.031	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.120%
66) 1,2-Dichlorobenzene-d4	13.810	152	12532	26.147	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.600%
Target Compounds						Qvalue
22) 2-Butanone	7.063	43	2089	2.663	ug/L #	49
34) Trichloroethene	8.781	95	3478	2.793	ug/L #	4
35) Methylcyclohexane	9.216	83	17071	8.405	ug/L #	19
37) 1,2-Dichloropropane	9.210	63	7244	5.963	ug/L #	88
39) cis-1,3-Dichloropropene	9.987	75	816	0.416	ug/L #	66
44) trans-1,3-Dichloropropene	10.522	75	993	0.580	ug/L #	16
61) 1,2,3-Trichloropropane	13.516	75	1477	4.827	ug/L #	55
71) Naphthalene	15.339	128	1018	0.914	ug/L #	69

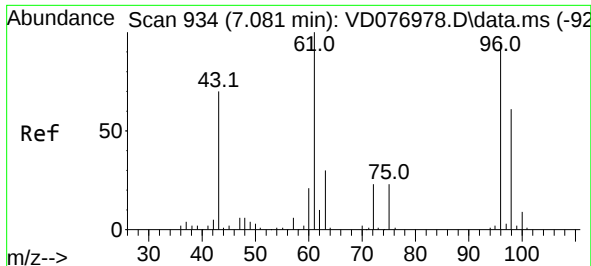
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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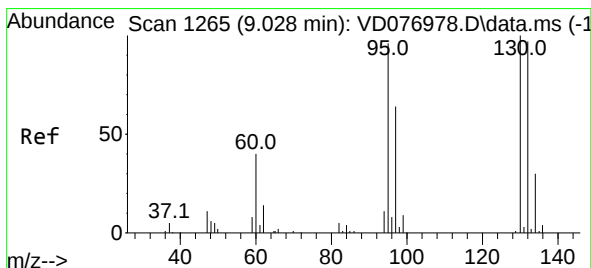
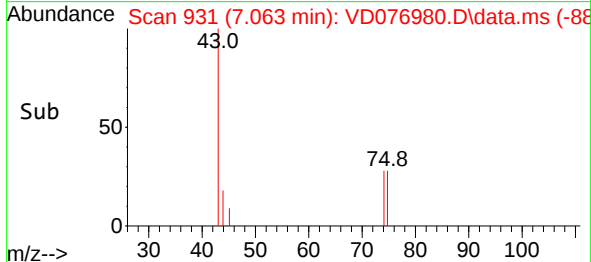
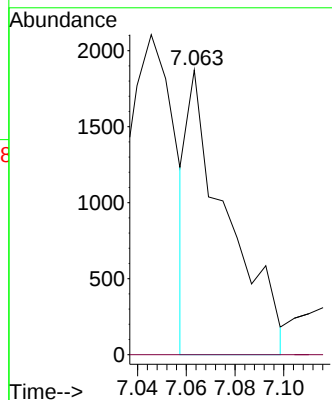
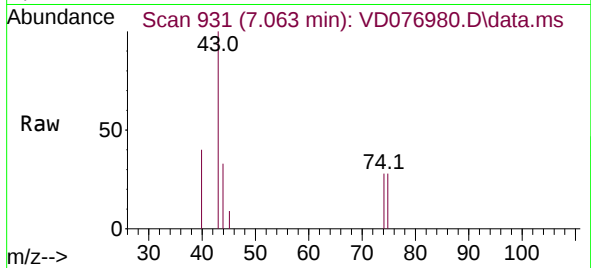




#22
2-Butanone
Concen: 2.663 ug/L
RT: 7.063 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD076980.D
Acq: 11 Aug 2023 10:41

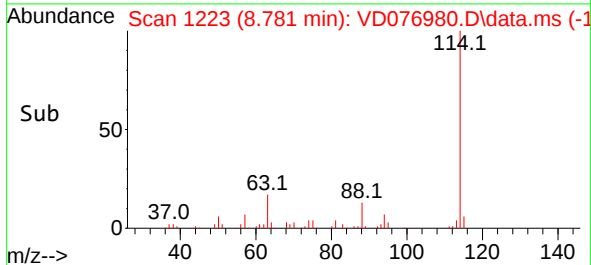
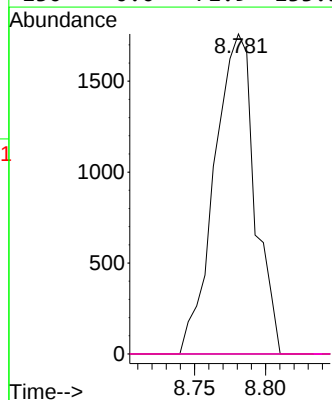
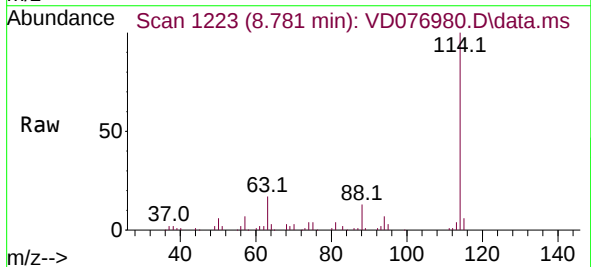
Instrument :
MSVOA_D
ClientSampleId :
A48H1RE

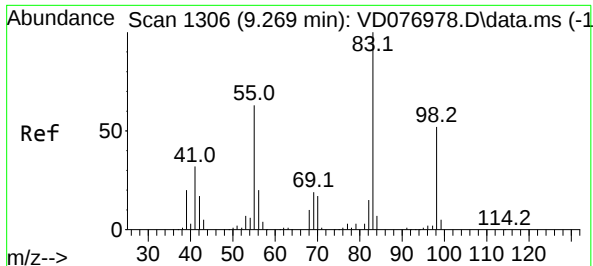
Tgt Ion: 43 Resp: 2089
Ion Ratio Lower Upper
43 100
72 0.0 12.9 38.7#



#34
Trichloroethene
Concen: 2.793 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD076980.D
Acq: 11 Aug 2023 10:41

Tgt Ion: 95 Resp: 3478
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#

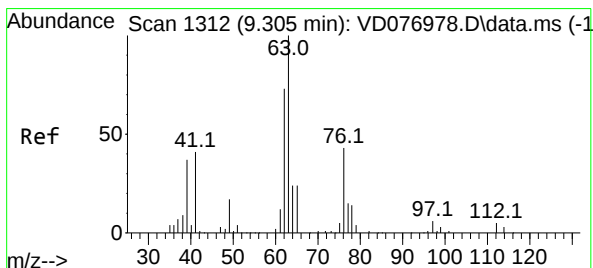
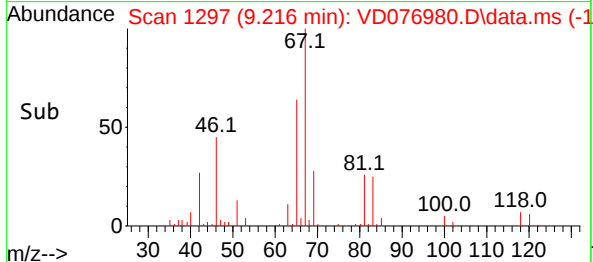
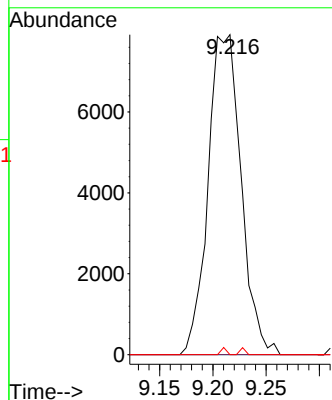
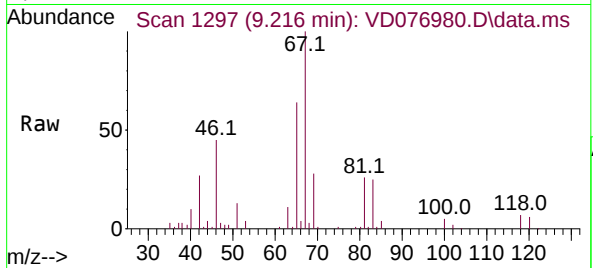




#35
Methylcyclohexane
Concen: 8.405 ug/L
RT: 9.216 min Scan# 1297
Delta R.T. -0.053 min
Lab File: VD076980.D
Acq: 11 Aug 2023 10:41

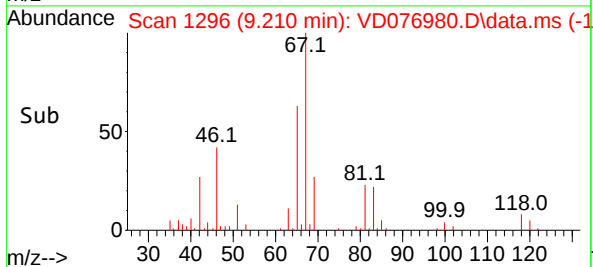
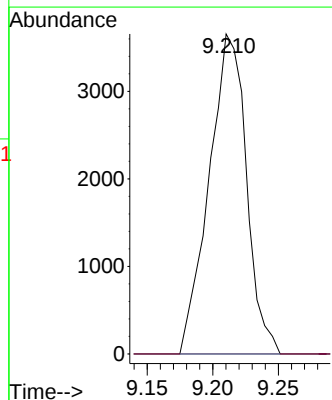
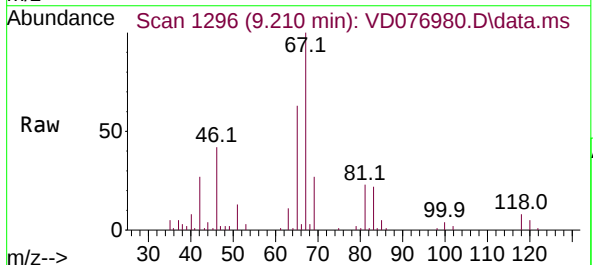
Instrument :
MSVOA_D
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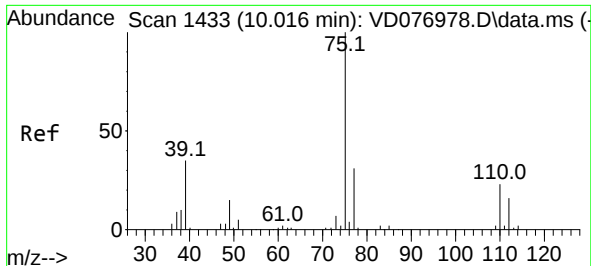
Tgt Ion: 83 Resp: 17071
Ion Ratio Lower Upper
83 100
55 0.0 59.8 89.6#
98 0.0 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 5.963 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD076980.D
Acq: 11 Aug 2023 10:41

Tgt Ion: 63 Resp: 7244
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.416 ug/L

RT: 9.987 min Scan# 1433

Delta R.T. -0.030 min

Lab File: VD076980.D

Acq: 11 Aug 2023 10:41

Instrument :

MSVOA_D

ClientSampleId :

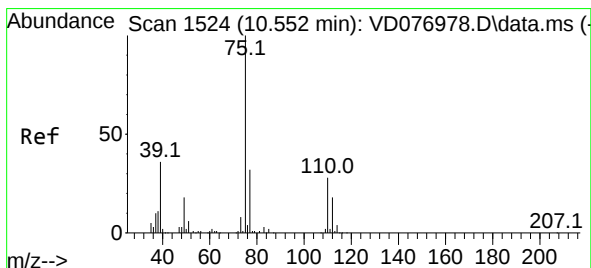
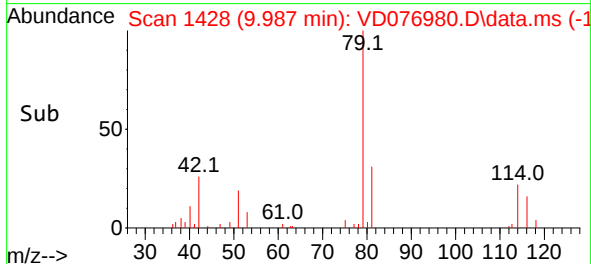
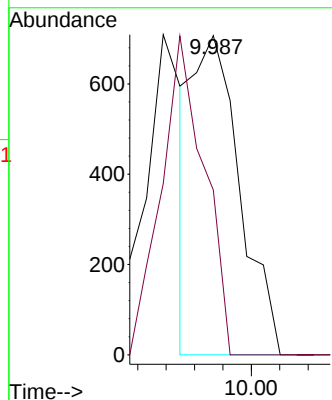
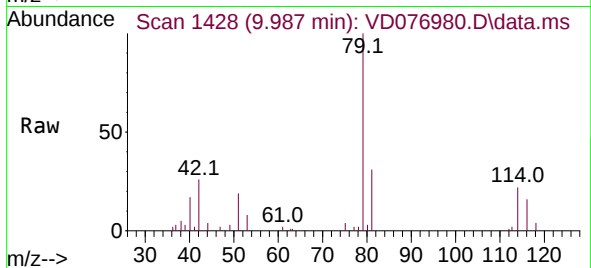
A48H1RE

Tgt Ion: 75 Resp: 816

Ion Ratio Lower Upper

75 100

77 51.6 22.7 42.3#



#44

trans-1,3-Dichloropropene

Concen: 0.580 ug/L

RT: 10.522 min Scan# 1519

Delta R.T. -0.030 min

Lab File: VD076980.D

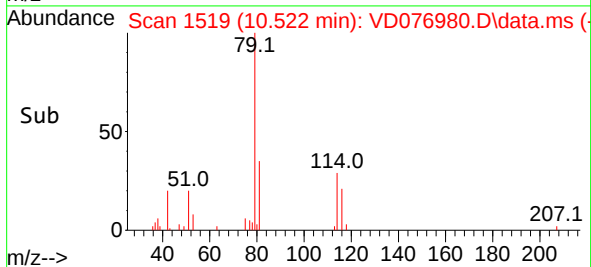
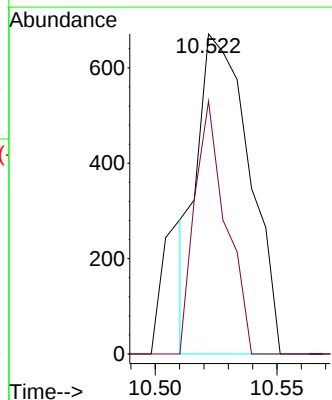
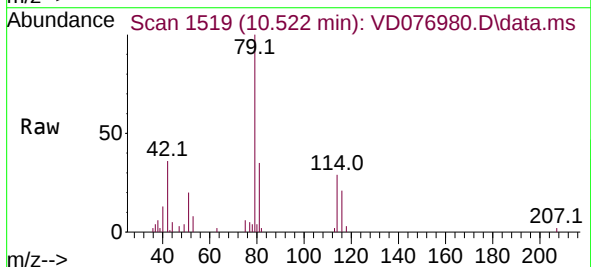
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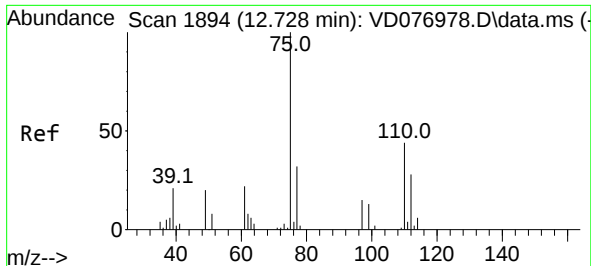
Tgt Ion: 75 Resp: 993

Ion Ratio Lower Upper

75 100

77 79.0 22.5 41.7#

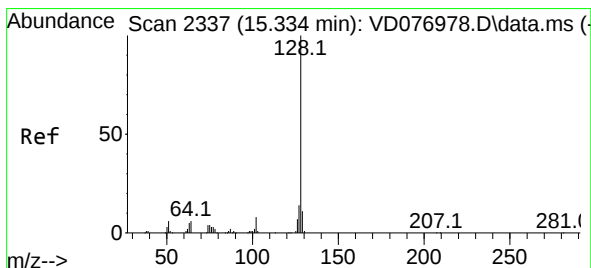
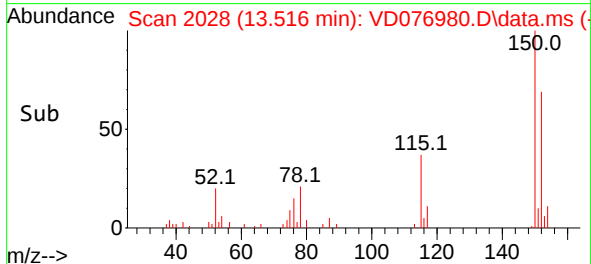
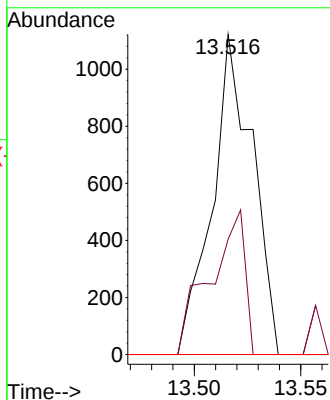
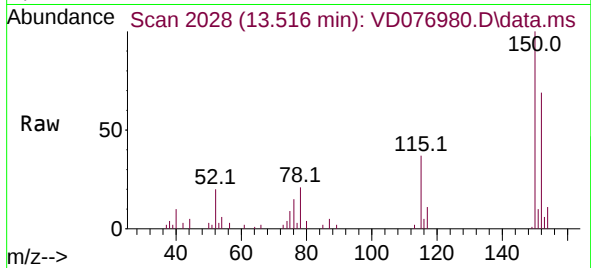




#61
1,2,3-Trichloropropane
Concen: 4.827 ug/L
RT: 13.516 min Scan# 20
Delta R.T. 0.788 min
Lab File: VD076980.D
Acq: 11 Aug 2023 10:41

Instrument :
MSVOA_D
ClientSampleId :
A48H1RE

Tgt Ion: 75 Resp: 1477
Ion Ratio Lower Upper
75 100
77 21.8 27.2 40.8#
110 0.0 31.8 47.6#



#71
Naphthalene
Concen: 0.914 ug/L
RT: 15.339 min Scan# 2338
Delta R.T. 0.006 min
Lab File: VD076980.D
Acq: 11 Aug 2023 10:41

Tgt Ion: 128 Resp: 1018
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 12.8#

