

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042923\
 Data File : VD075917.D
 Acq On : 29 Apr 2023 15:22
 Operator : KP/SY
 Sample : 02525-04RE
 Misc : 6.43G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCC4RE

Quant Time: May 01 00:16:42 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)

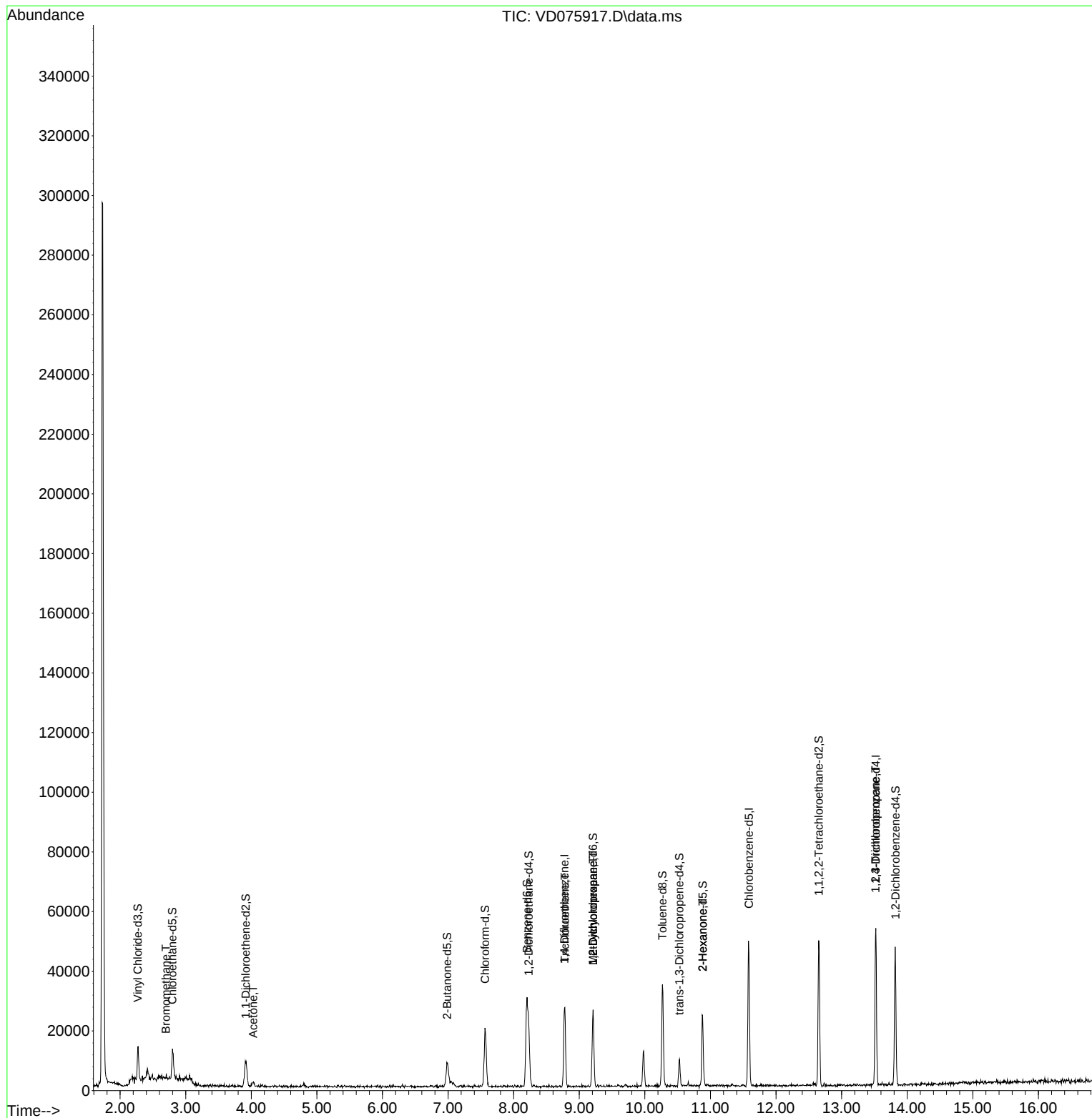
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	27277	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	31956	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	16854	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	11028	18.430	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.720%
7) Chloroethane-d5	2.799	69	10494	20.297	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	3.916	65	2176	15.773	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.080%
21) 2-Butanone-d5	6.987	46	14142	272.237	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	544.480%#
24) Chloroform-d	7.563	84	20432	29.954	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	119.800%
26) 1,2-Dichloroethane-d4	8.228	65	12409	42.600	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	170.400%#
32) Benzene-d6	8.204	84	34415	18.477	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.920%
36) 1,2-Dichloropropane-d6	9.210	67	13575	26.332	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.320%
41) Toluene-d8	10.269	98	26422	15.153	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	60.600%
43) trans-1,3-Dichloroprop...	10.528	79	5774	27.097	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.400%
47) 2-Hexanone-d5	10.881	63	8265	133.149	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	266.300%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	26407	66.939	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	267.760%#
66) 1,2-Dichlorobenzene-d4	13.822	152	13705	22.989	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.960%
Target Compounds						Qvalue
6) Bromomethane	2.699	94	182	0.395	ug/L	85
13) Acetone	4.028	43	2195	49.376	ug/L	44
34) Trichloroethene	8.781	95	396	0.792	ug/L #	2
35) Methylcyclohexane	9.210	83	2964	3.846	ug/L #	23
37) 1,2-Dichloropropane	9.210	63	1258	2.833	ug/L #	85
48) 2-Hexanone	10.881	43	773	6.773	ug/L #	54
61) 1,2,3-Trichloropropane	13.516	75	1652	6.240	ug/L #	62

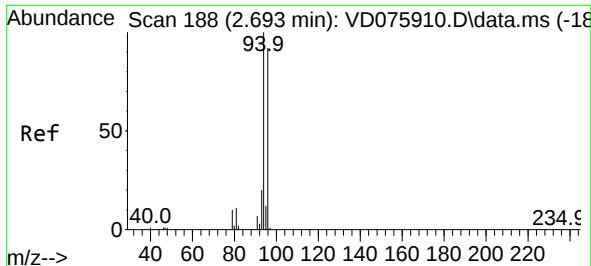
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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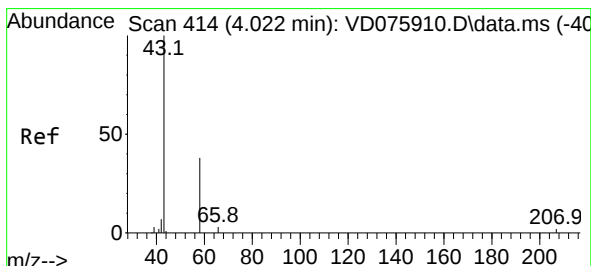
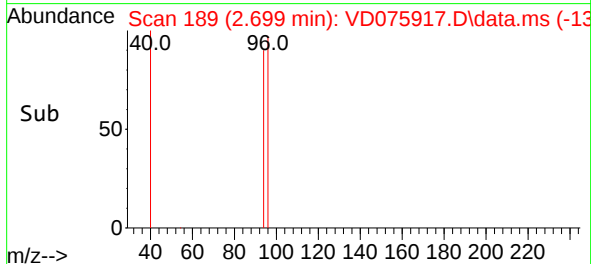
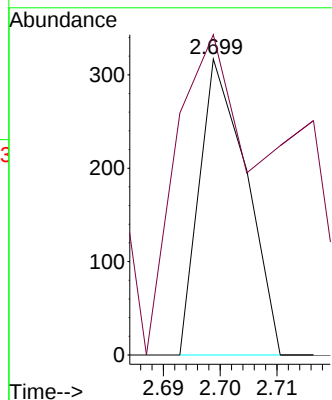
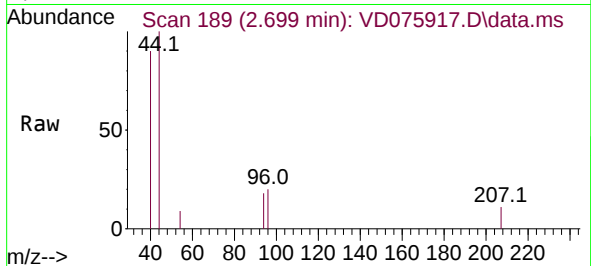




#6
Bromomethane
Concen: 0.395 ug/L
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075917.D
Acq: 29 Apr 2023 15:22

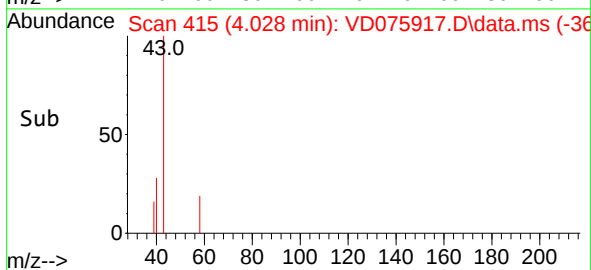
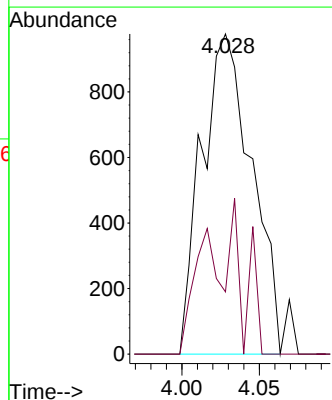
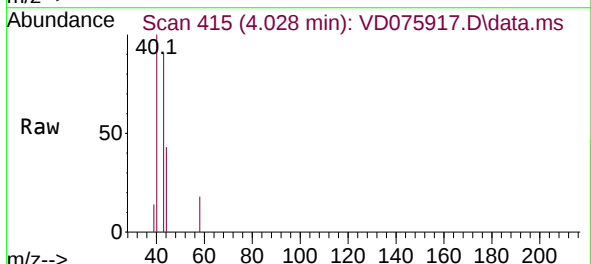
Instrument :
MSVOA_D
ClientSampleId :
DCCC4RE

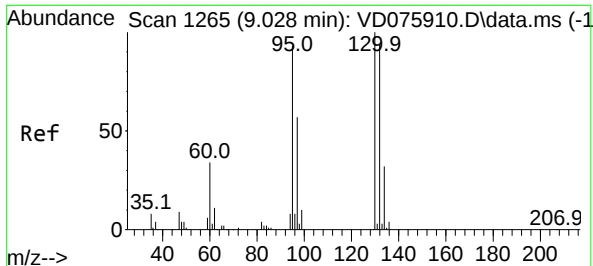
Tgt Ion: 94 Resp: 182
Ion Ratio Lower Upper
94 100
96 108.2 65.7 121.9



#13
Acetone
Concen: 49.376 ug/L
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075917.D
Acq: 29 Apr 2023 15:22

Tgt Ion: 43 Resp: 2195
Ion Ratio Lower Upper
43 100
58 7.7 0.0 87.4





#34

Trichloroethene

Concen: 0.792 ug/L

RT: 8.781 min Scan# 11

Delta R.T. -0.247 min

Lab File: VD075917.D

Acq: 29 Apr 2023 15:22

Instrument :

MSVOA_D

ClientSampleId :

DCCC4RE

Tgt Ion: 95 Resp: 396

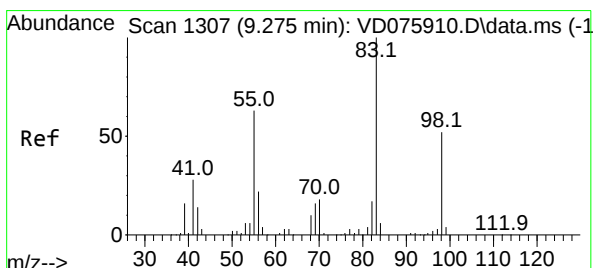
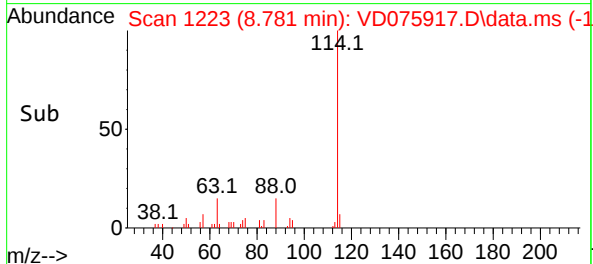
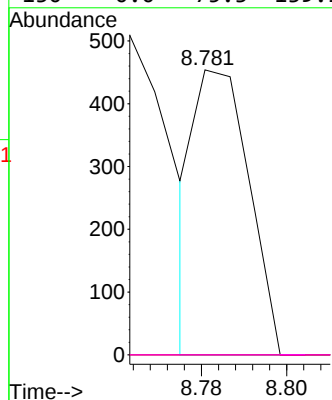
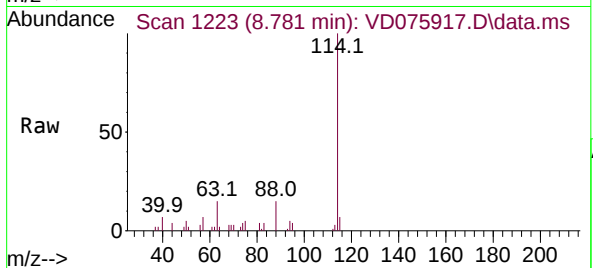
Ion Ratio Lower Upper

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: 3.846 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.065 min

Lab File: VD075917.D

Acq: 29 Apr 2023 15:22

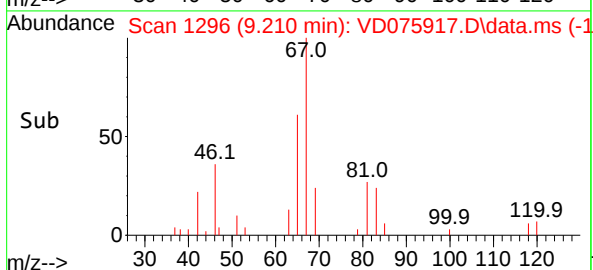
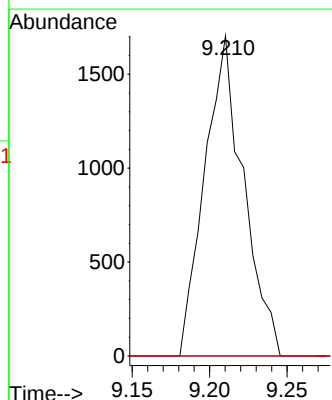
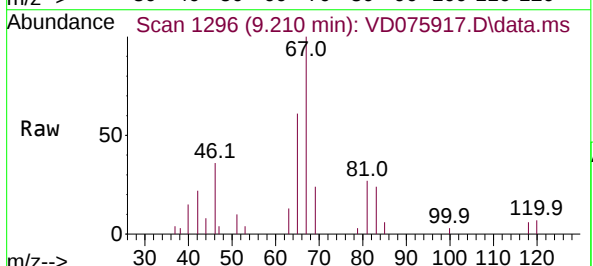
Tgt Ion: 83 Resp: 2964

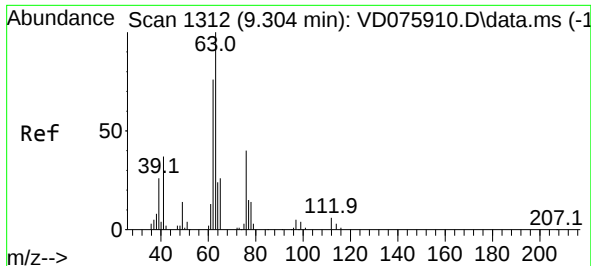
Ion Ratio Lower Upper

83 100

55 0.0 48.2 72.2#

98 0.0 40.8 61.2#

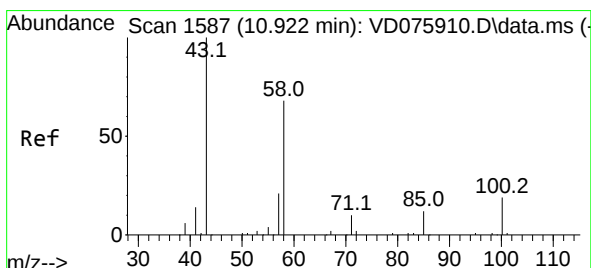
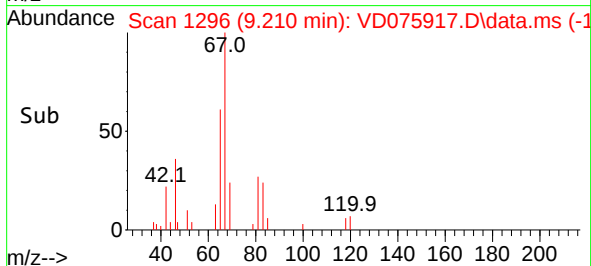
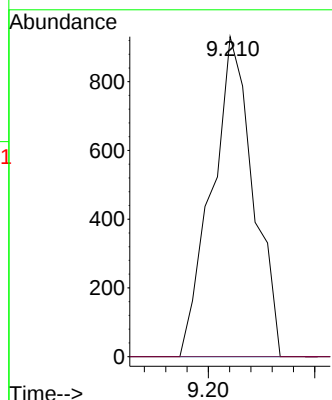
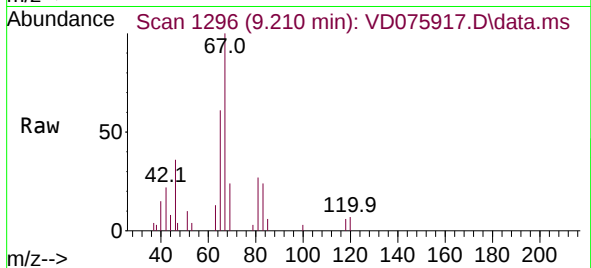




#37
1,2-Dichloropropane
Concen: 2.833 ug/L
RT: 9.210 min Scan# 111
Delta R.T. -0.094 min
Lab File: VD075917.D
Acq: 29 Apr 2023 15:22

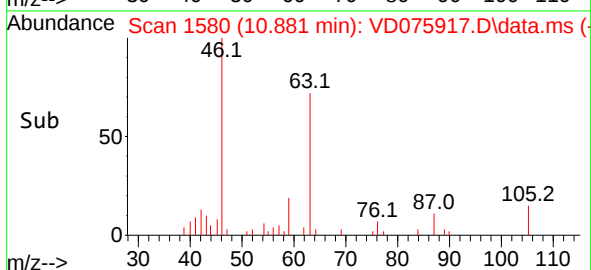
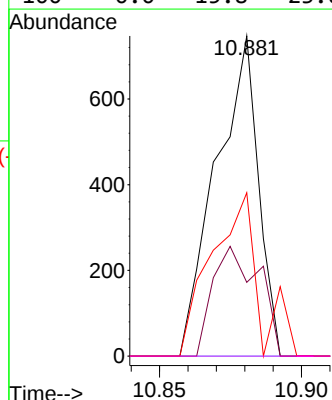
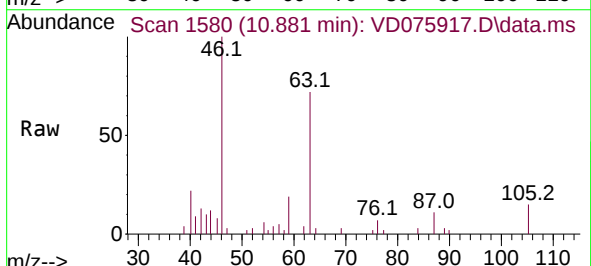
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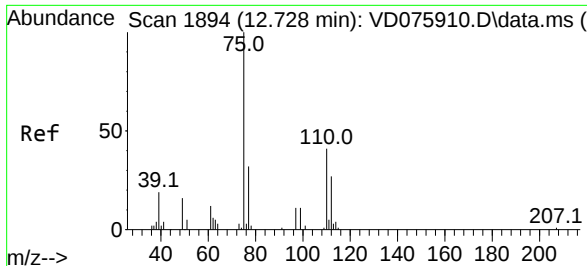
Tgt Ion: 63 Resp: 1258
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#48
2-Hexanone
Concen: 6.773 ug/L
RT: 10.881 min Scan# 1580
Delta R.T. -0.041 min
Lab File: VD075917.D
Acq: 29 Apr 2023 15:22

Tgt Ion: 43 Resp: 773
Ion Ratio Lower Upper
43 100
58 37.5 59.7 89.5#
57 49.7 17.9 26.9#
100 0.0 15.8 23.6#





#61

1,2,3-Trichloropropane

Concen: 6.240 ug/L

RT: 13.516 min Scan# 20

Delta R.T. 0.788 min

Lab File: VD075917.D

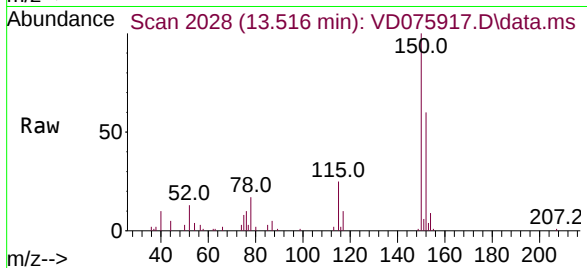
Acq: 29 Apr 2023 15:22

Instrument :

MSVOA_D

ClientSampleId :

DCCC4RE



Tgt Ion: 75 Resp: 1652

Ion Ratio Lower Upper

75 100

77 32.6 26.6 39.8

110 0.0 33.5 50.3#

