

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061523\
 Data File : VD076446.D
 Acq On : 15 Jun 2023 19:06
 Operator : KP/SY
 Sample : 03236-16
 Misc : 5.38G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 YBW24

Quant Time: Jun 16 02:00:51 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)

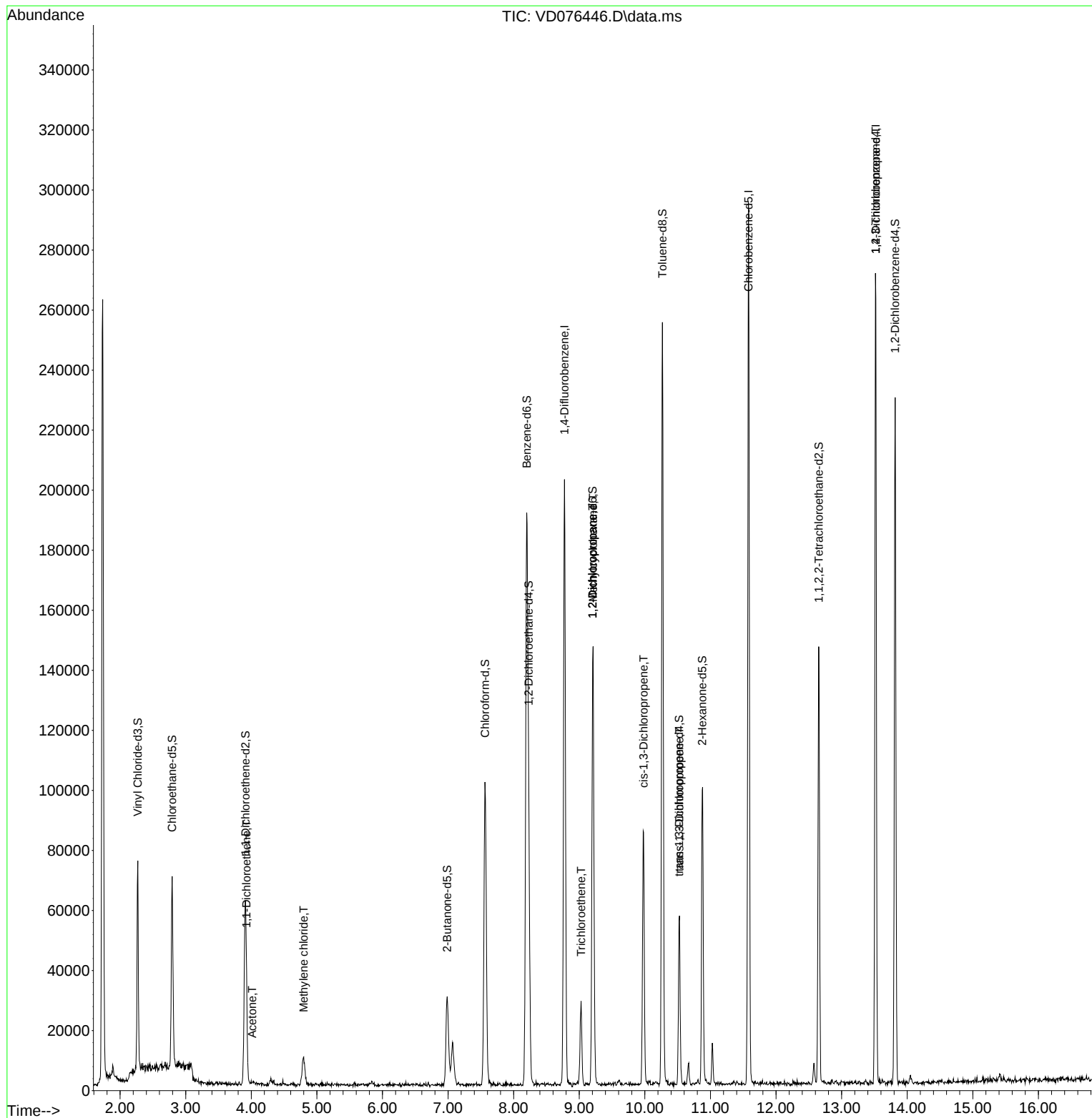
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	176869	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	159674	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	72059	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	60406	14.024	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	56.080%		
7) Chloroethane-d5	2.793	69	58727	16.862	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	67.440%		
11) 1,1-Dichloroethene-d2	3.910	65	17761	15.797	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	63.200%		
21) 2-Butanone-d5	6.987	46	52594	80.625	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	161.260%#		
24) Chloroform-d	7.563	84	101492	21.780	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.120%		
26) 1,2-Dichloroethane-d4	8.228	65	59444	25.859	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	103.440%		
32) Benzene-d6	8.198	84	195878	20.054	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	80.200%		
36) 1,2-Dichloropropane-d6	9.204	67	73521	23.581	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.320%		
41) Toluene-d8	10.269	98	173256	19.157	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	76.640%		
43) trans-1,3-Dichloroprop...	10.522	79	30560	23.566	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	94.280%		
47) 2-Hexanone-d5	10.875	63	37784	78.071	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	156.140%#		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	71420	32.198	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	128.800%#		
66) 1,2-Dichlorobenzene-d4	13.816	152	58734	22.237	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.960%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.928	96	582	0.254	ug/L #	1
13) Acetone	4.016	43	923	1.752	ug/L	85
16) Methylene chloride	4.799	84	6410	2.085	ug/L	88
34) Trichloroethene	9.028	95	8785	3.236	ug/L	93
35) Methylcyclohexane	9.210	83	16765	3.830	ug/L #	20
37) 1,2-Dichloropropane	9.204	63	7687	2.668	ug/L #	88
39) cis-1,3-Dichloropropene	9.981	75	2619	0.595	ug/L	92
44) trans-1,3-Dichloropropene	10.528	75	1609	0.450	ug/L #	81
61) 1,2,3-Trichloropropane	13.522	75	9572	6.845	ug/L #	65

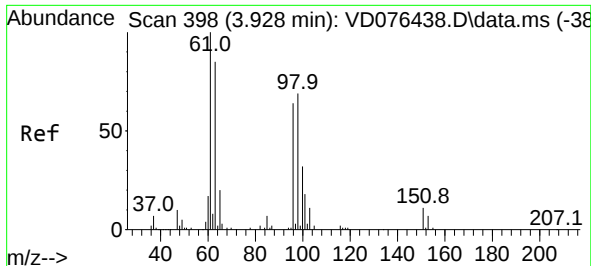
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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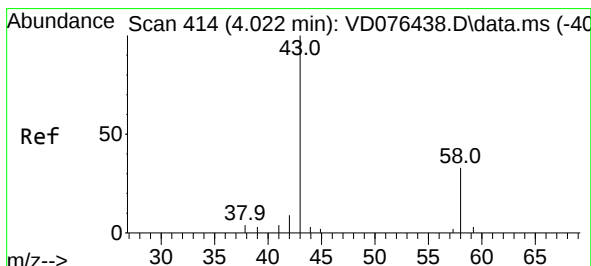
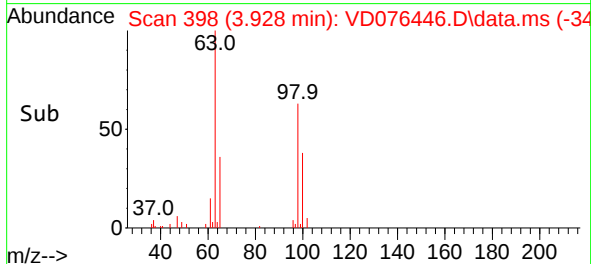
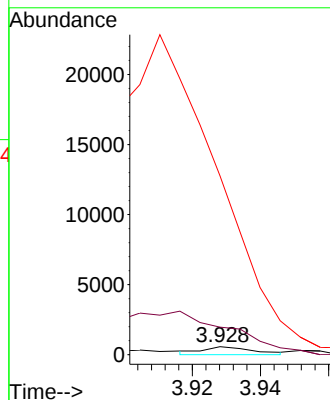
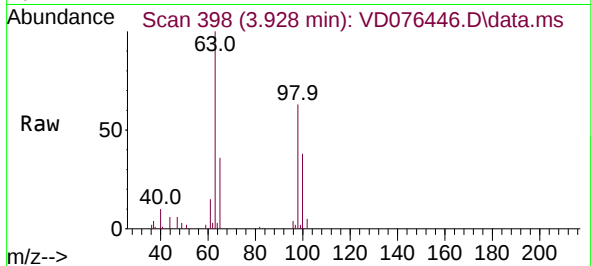




#12
1,1-Dichloroethene
Concen: 0.254 ug/L
RT: 3.928 min Scan# 398
Delta R.T. -0.000 min
Lab File: VD076446.D
Acq: 15 Jun 2023 19:06

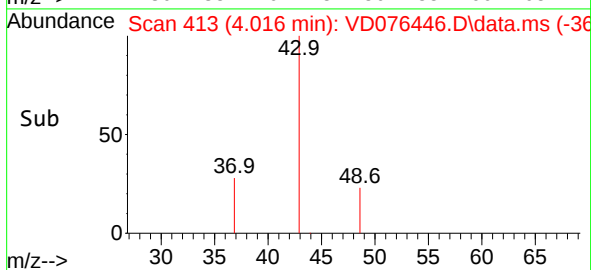
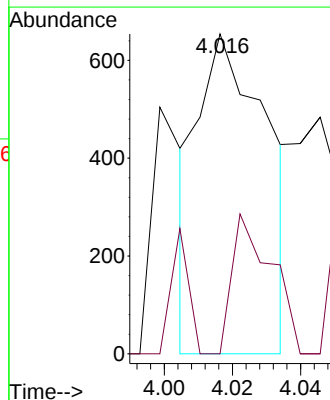
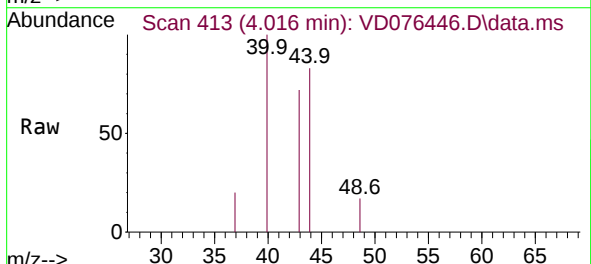
Instrument :
MSVOA_D
ClientSampleId :
YBW24

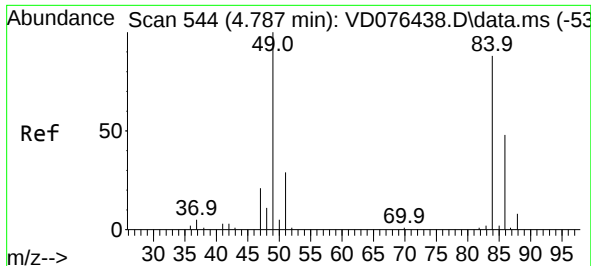
Tgt Ion: 96 Resp: 582
Ion Ratio Lower Upper
96 100
61 345.8 113.0 209.8#
63 2245.4 83.6 155.2#



#13
Acetone
Concen: 1.752 ug/L
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD076446.D
Acq: 15 Jun 2023 19:06

Tgt Ion: 43 Resp: 923
Ion Ratio Lower Upper
43 100
58 25.0 0.0 67.4

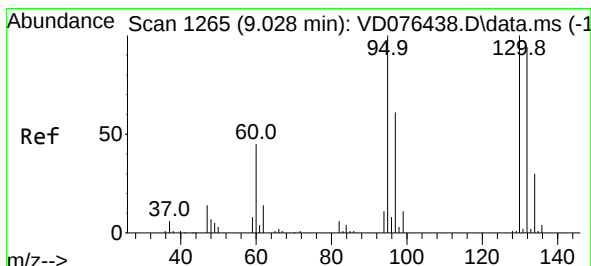
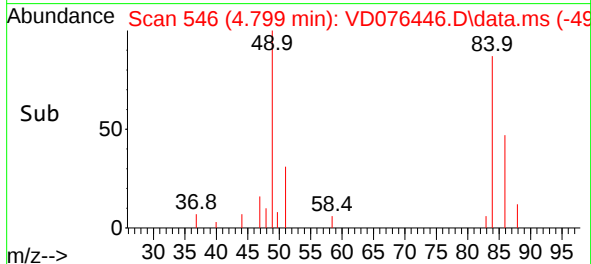
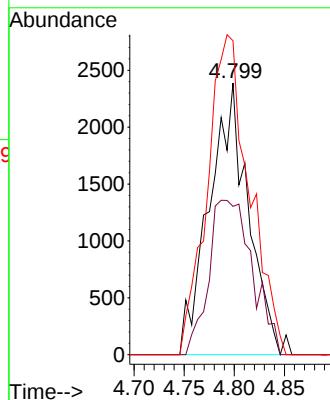
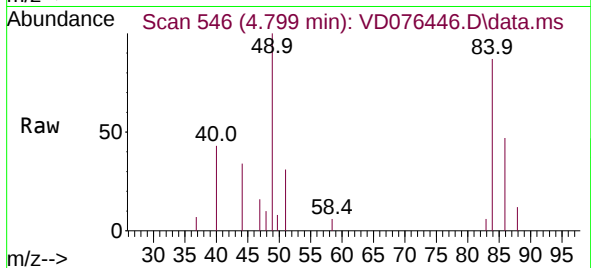




#16
Methylene chloride
Concen: 2.085 ug/L
RT: 4.799 min Scan# 544
Delta R.T. 0.012 min
Lab File: VD076446.D
Acq: 15 Jun 2023 19:06

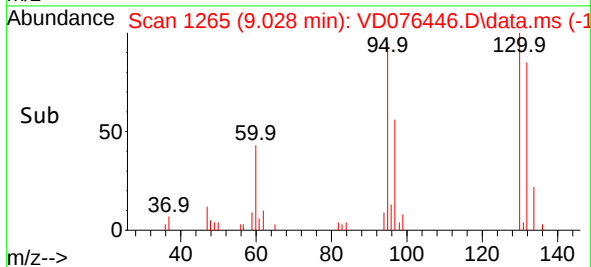
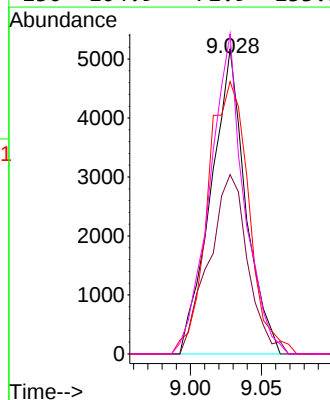
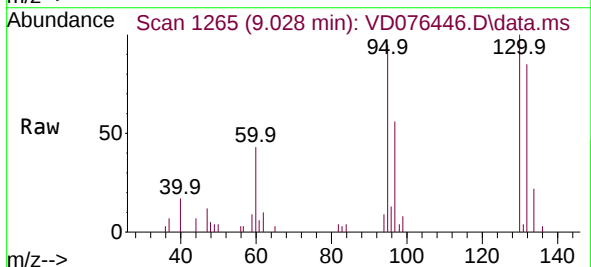
Instrument :
MSVOA_D
ClientSampleId :
YBW24

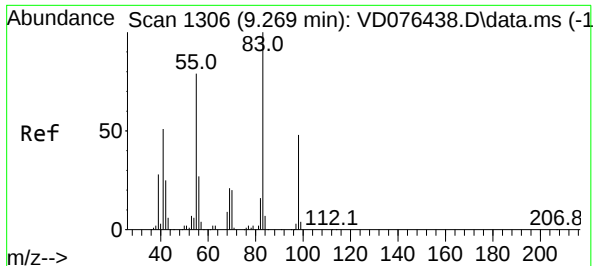
Tgt Ion: 84 Resp: 6410
Ion Ratio Lower Upper
84 100
86 54.6 45.1 83.9
49 124.5 97.2 180.6



#34
Trichloroethene
Concen: 3.236 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076446.D
Acq: 15 Jun 2023 19:06

Tgt Ion: 95 Resp: 8785
Ion Ratio Lower Upper
95 100
97 58.8 43.1 80.1
132 89.3 71.8 133.4
130 104.9 71.9 133.5





#35

Methylcyclohexane

Concen: 3.830 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.059 min

Lab File: VD076446.D

Acq: 15 Jun 2023 19:06

Instrument :

MSVOA_D

ClientSampleId :

YBW24

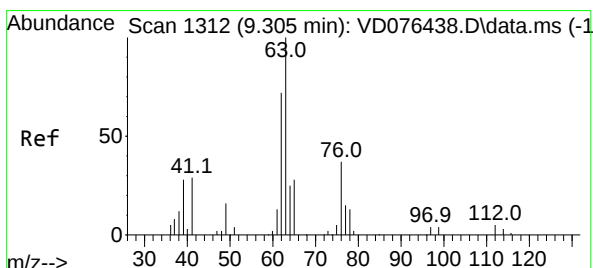
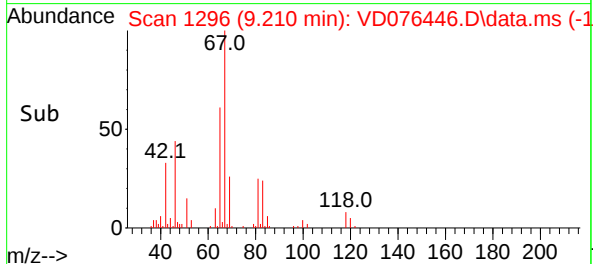
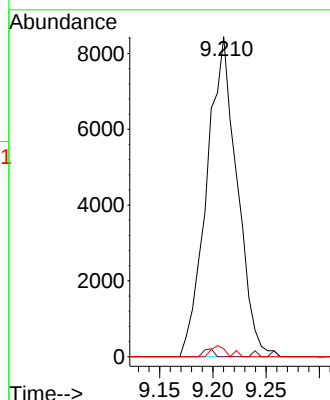
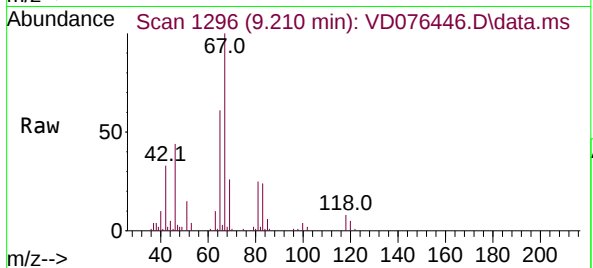
Tgt Ion: 83 Resp: 16765

Ion Ratio Lower Upper

83 100

55 0.8 59.8 89.6#

98 1.5 37.8 56.6#



#37

1,2-Dichloropropane

Concen: 2.668 ug/L

RT: 9.204 min Scan# 1295

Delta R.T. -0.100 min

Lab File: VD076446.D

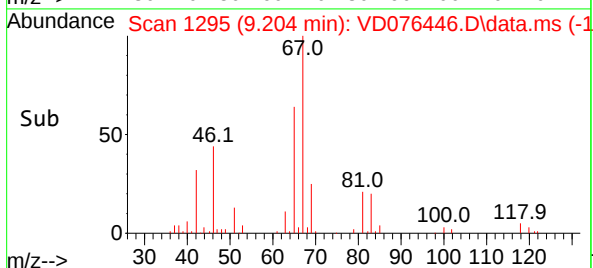
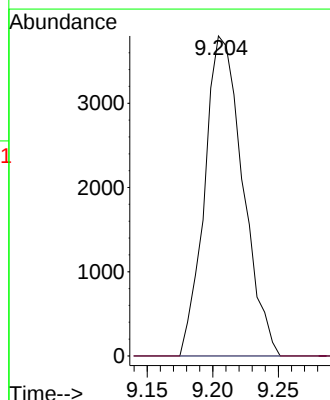
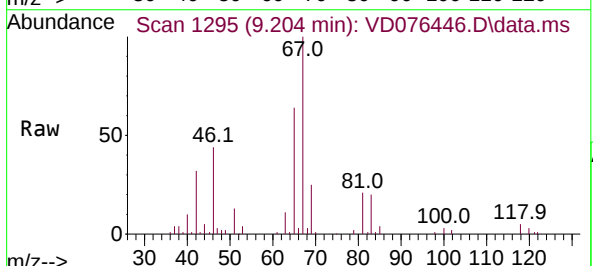
Acq: 15 Jun 2023 19:06

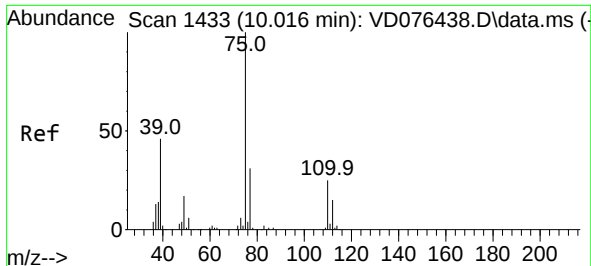
Tgt Ion: 63 Resp: 7687

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.595 ug/L

RT: 9.981 min Scan# 1433

Delta R.T. -0.036 min

Lab File: VD076446.D

Acq: 15 Jun 2023 19:06

Instrument :

MSVOA_D

ClientSampleId :

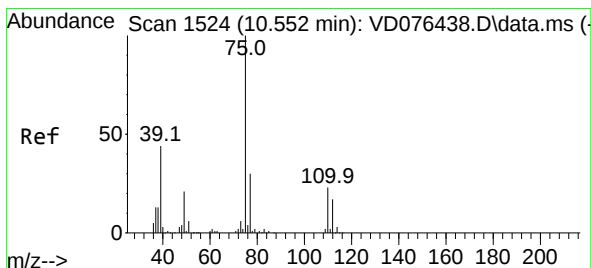
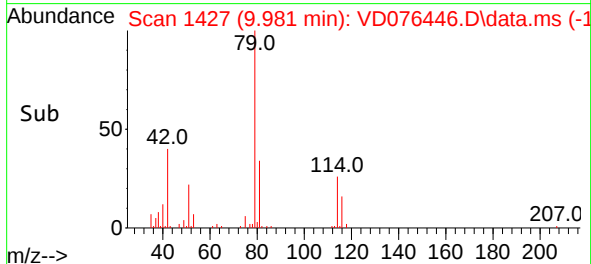
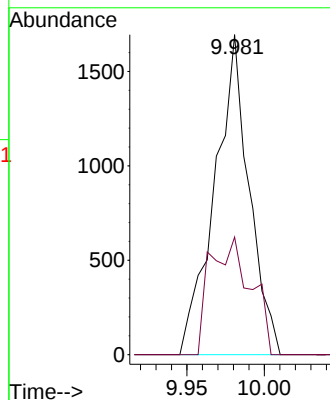
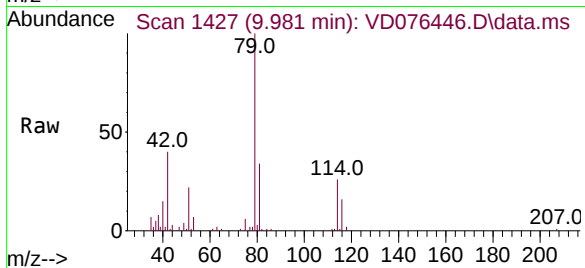
YBW24

Tgt Ion: 75 Resp: 2619

Ion Ratio Lower Upper

75 100

77 36.8 22.7 42.3



#44

trans-1,3-Dichloropropene

Concen: 0.450 ug/L

RT: 10.528 min Scan# 1520

Delta R.T. -0.024 min

Lab File: VD076446.D

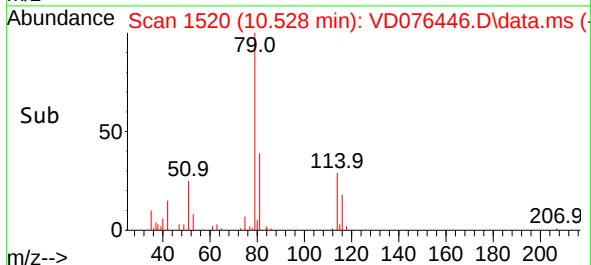
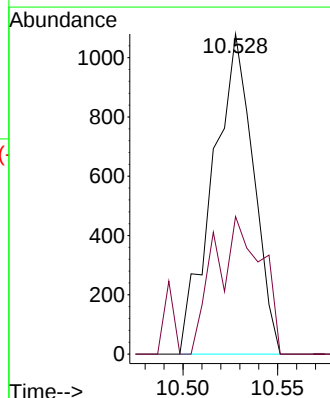
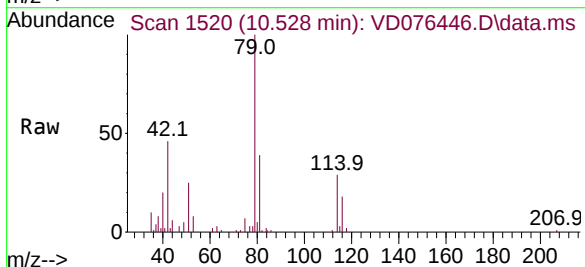
Acq: 15 Jun 2023 19:06

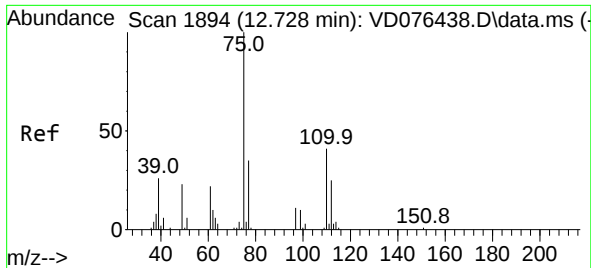
Tgt Ion: 75 Resp: 1609

Ion Ratio Lower Upper

75 100

77 43.0 22.5 41.7#





#61

1,2,3-Trichloropropane

Concen: 6.845 ug/L

RT: 13.522 min Scan# 20

Delta R.T. 0.794 min

Lab File: VD076446.D

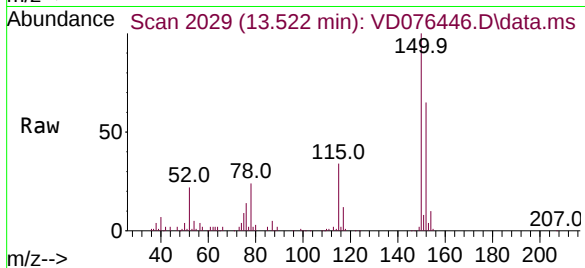
Acq: 15 Jun 2023 19:06

Instrument :

MSVOA_D

ClientSampleId :

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Tgt Ion: 75 Resp: 9572

Ion Ratio Lower Upper

75 100

77 31.0 27.2 40.8

110 2.2 31.8 47.6#

