

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061523\
 Data File : VD076447.D
 Acq On : 15 Jun 2023 19:36
 Operator : KP/SY
 Sample : 03236-17
 Misc : 5.28G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 16 02:01:03 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)

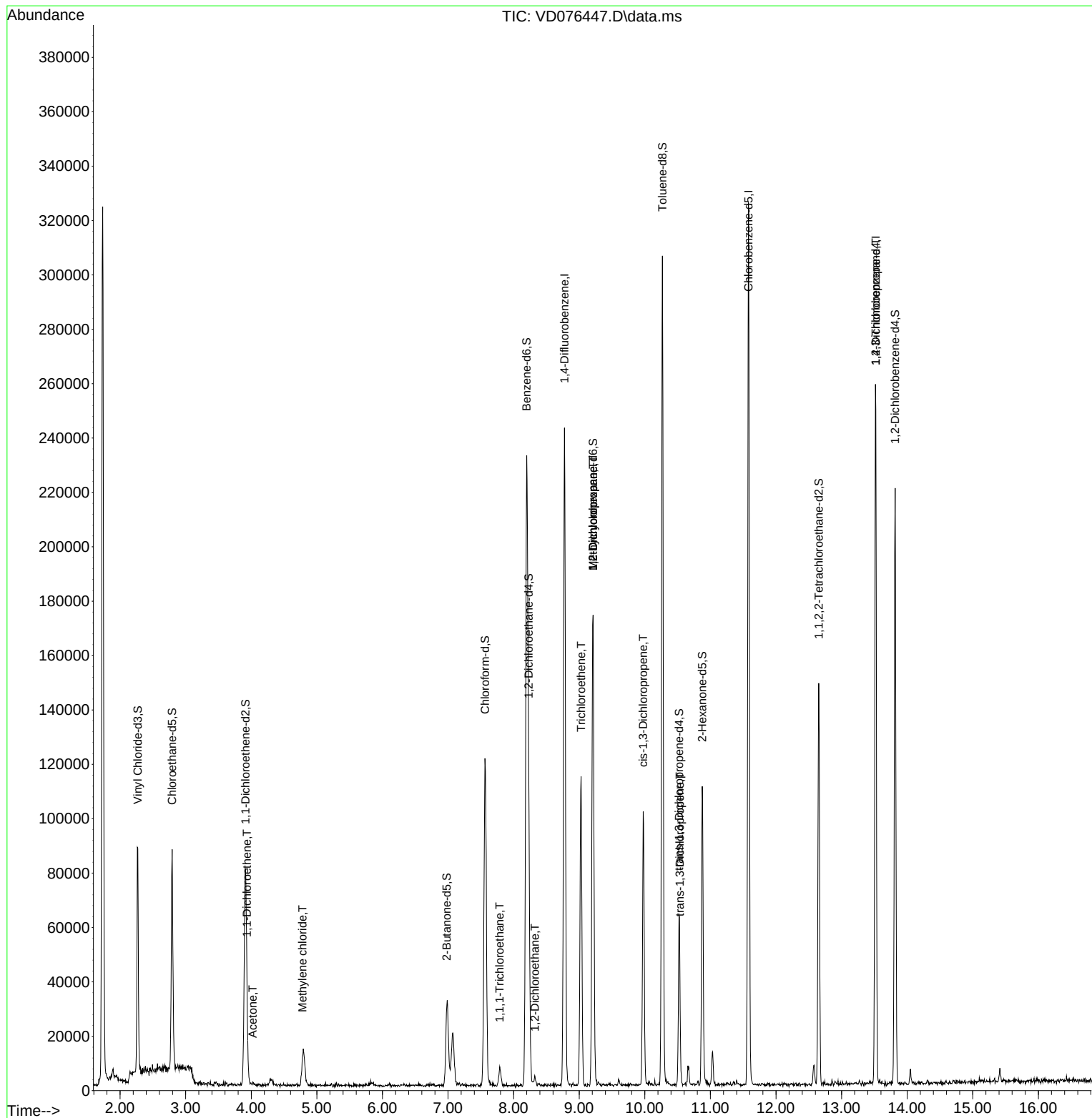
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	211689	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	178664	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	68276	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	75158	14.579	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	58.320%		
7) Chloroethane-d5	2.793	69	74820	17.949	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	71.800%		
11) 1,1-Dichloroethene-d2	3.911	65	22199	16.497	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	66.000%		
21) 2-Butanone-d5	6.981	46	55631	71.253	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	142.500%#		
24) Chloroform-d	7.563	84	122949	22.045	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	88.200%		
26) 1,2-Dichloroethane-d4	8.228	65	68632	24.945	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.760%		
32) Benzene-d6	8.199	84	237093	21.693	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	86.760%		
36) 1,2-Dichloropropane-d6	9.210	67	88906	25.485	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	101.920%		
41) Toluene-d8	10.269	98	208194	20.573	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.280%		
43) trans-1,3-Dichloroprop...	10.522	79	34806	23.987	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	95.960%		
47) 2-Hexanone-d5	10.875	63	39850	73.588	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	147.180%#		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	76471	30.811	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	123.240%#		
66) 1,2-Dichlorobenzene-d4	13.816	152	56919	22.744	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	90.960%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.934	96	5667	2.063	ug/L #	1
13) Acetone	4.022	43	1210	1.919	ug/L	79
16) Methylene chloride	4.781	84	3730	1.014	ug/L	80
27) 1,2-Dichloroethane	8.322	62	1837	0.547	ug/L #	71
30) 1,1,1-Trichloroethane	7.787	97	3467	0.835	ug/L #	57
34) Trichloroethene	9.028	95	37719	12.418	ug/L	99
35) Methylcyclohexane	9.210	83	19056	3.890	ug/L #	20
37) 1,2-Dichloropropane	9.210	63	9262	2.873	ug/L #	88
39) cis-1,3-Dichloropropene	9.975	75	3070	0.624	ug/L	94
44) trans-1,3-Dichloropropene	10.534	75	1686	0.421	ug/L #	71
61) 1,2,3-Trichloropropane	13.522	75	9092	6.862	ug/L #	65

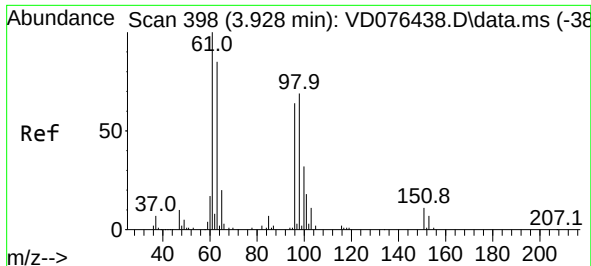
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 2.063 ug/L

RT: 3.934 min Scan# 399

Delta R.T. 0.006 min

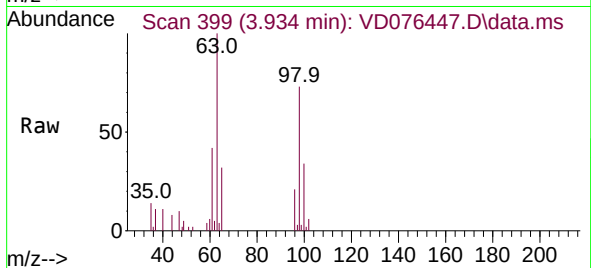
Lab File: VD076447.D

Acq: 15 Jun 2023 19:36

Instrument :

MSVOA_D

ClientSampleId :



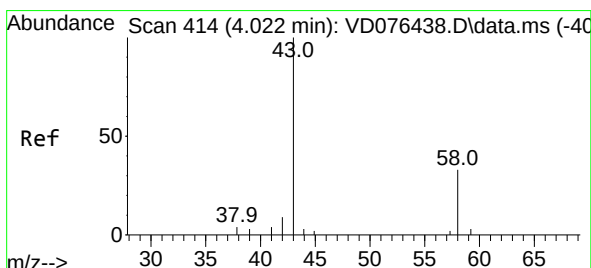
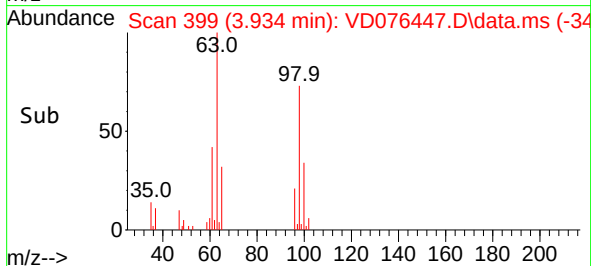
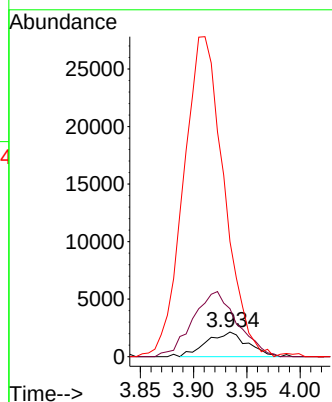
Tgt Ion: 96 Resp: 5667

Ion Ratio Lower Upper

96 100

61 194.9 113.0 209.8

63 468.5 83.6 155.2#



#13

Acetone

Concen: 1.919 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD076447.D

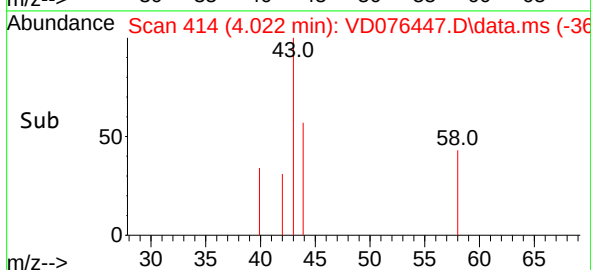
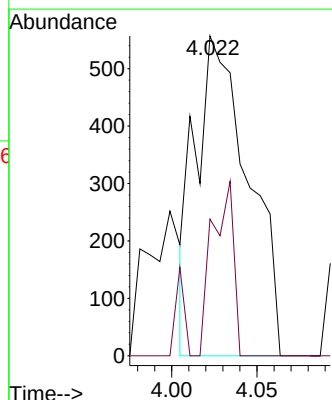
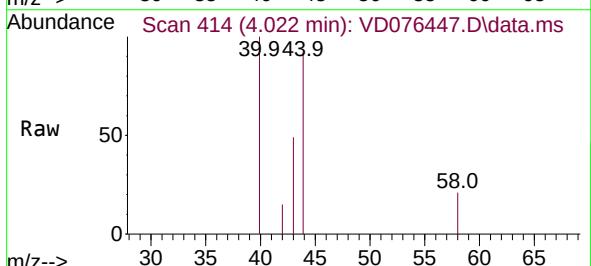
Acq: 15 Jun 2023 19:36

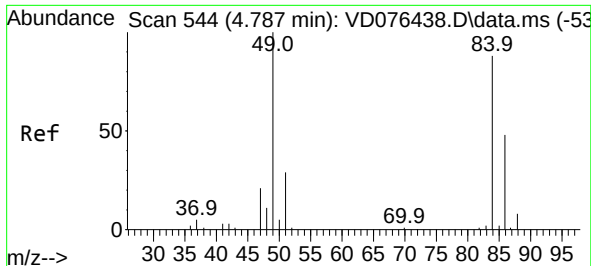
Tgt Ion: 43 Resp: 1210

Ion Ratio Lower Upper

43 100

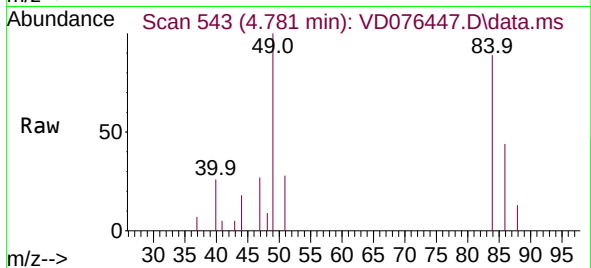
58 21.9 0.0 67.4



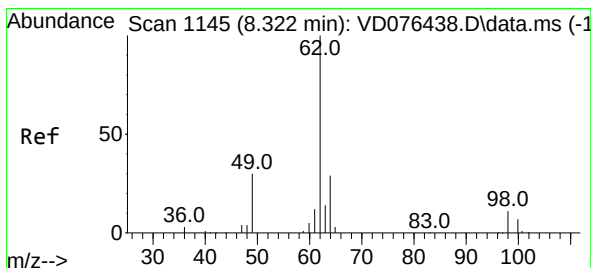
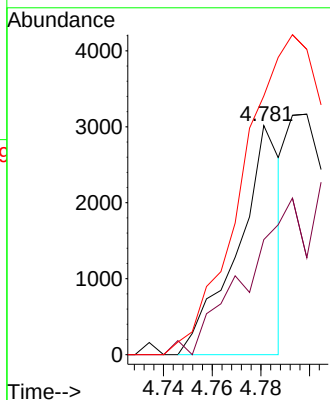
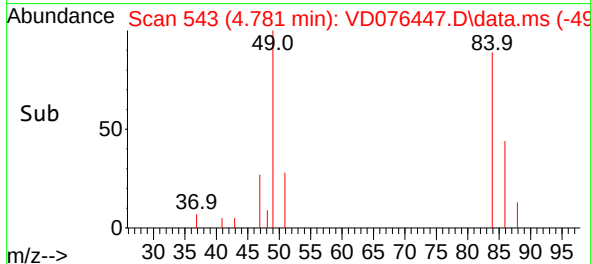


#16
Methylene chloride
Concen: 1.014 ug/L
RT: 4.781 min Scan# 544
Delta R.T. -0.006 min
Lab File: VD076447.D
Acq: 15 Jun 2023 19:36

Instrument :
MSVOA_D
ClientSampleId :

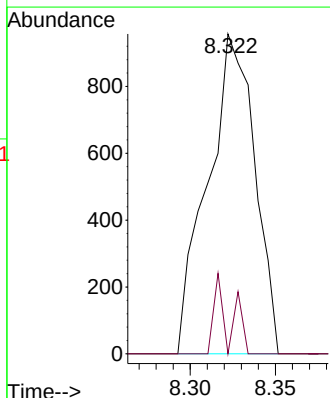
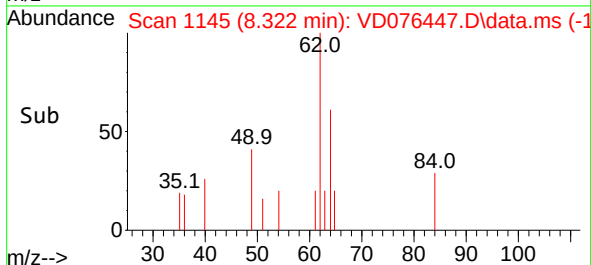
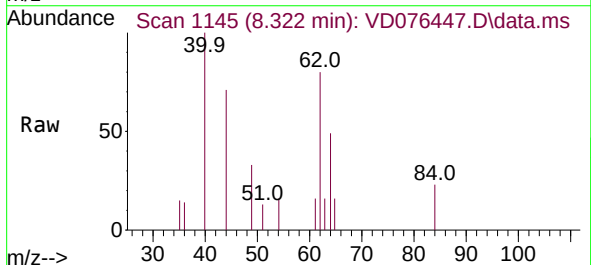


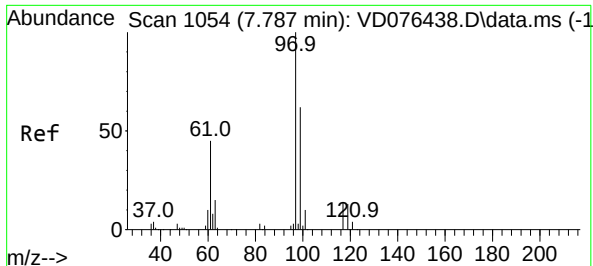
Tgt Ion: 84 Resp: 3730
Ion Ratio Lower Upper
84 100
86 50.2 45.1 83.9
49 112.9 97.2 180.6



#27
1,2-Dichloroethane
Concen: 0.547 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD076447.D
Acq: 15 Jun 2023 19:36

Tgt Ion: 62 Resp: 1837
Ion Ratio Lower Upper
62 100
98 0.0 8.7 13.1#





#30

1,1,1-Trichloroethane

Concen: 0.835 ug/L

RT: 7.787 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VD076447.D

Acq: 15 Jun 2023 19:36

Instrument :

MSVOA_D

ClientSampleId :

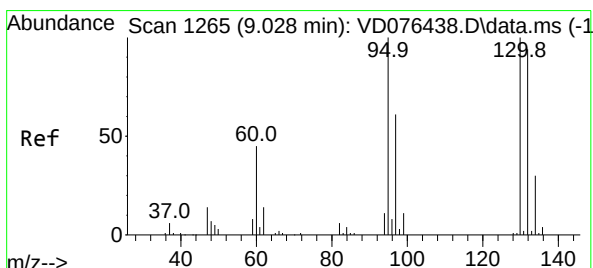
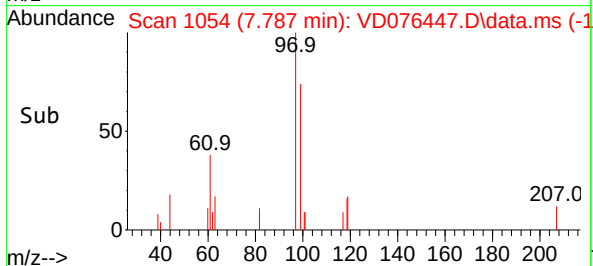
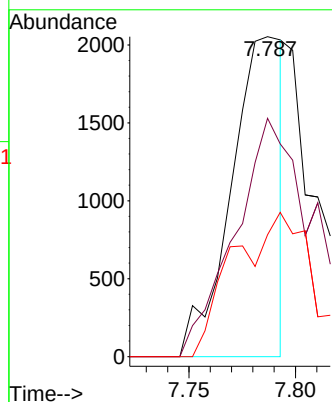
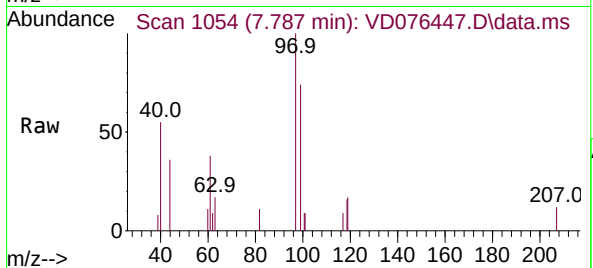
Tgt Ion: 97 Resp: 3467

Ion Ratio Lower Upper

97 100

99 105.6 51.0 76.6#

61 26.5 36.4 54.6#



#34

Trichloroethene

Concen: 12.418 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD076447.D

Acq: 15 Jun 2023 19:36

Tgt Ion: 95 Resp: 37719

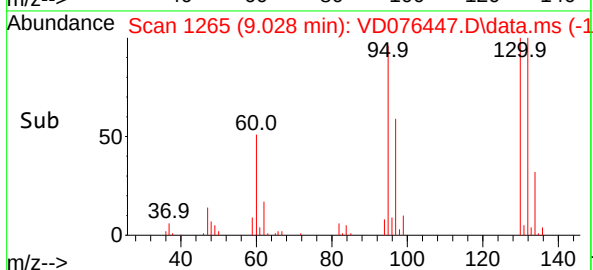
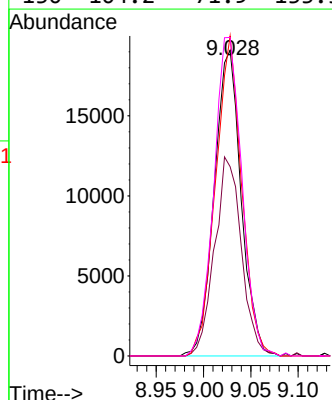
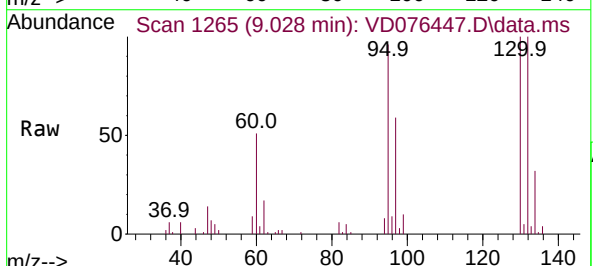
Ion Ratio Lower Upper

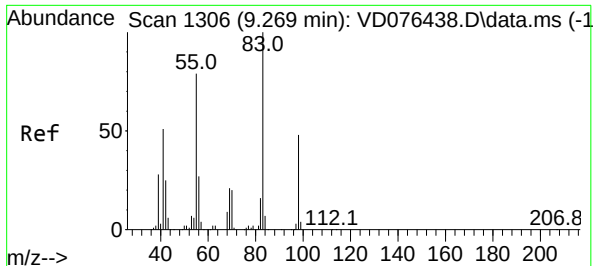
95 100

97 61.9 43.1 80.1

132 104.6 71.8 133.4

130 104.2 71.9 133.5





#35

Methylcyclohexane

Concen: 3.890 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.059 min

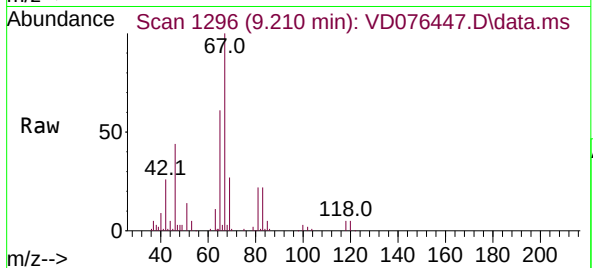
Lab File: VD076447.D

Acq: 15 Jun 2023 19:36

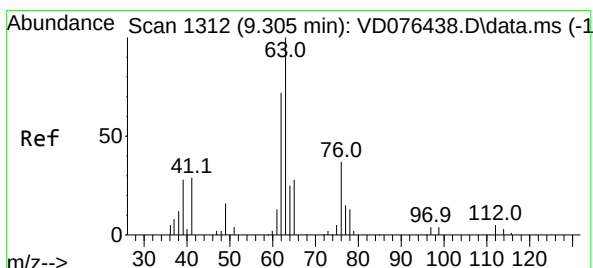
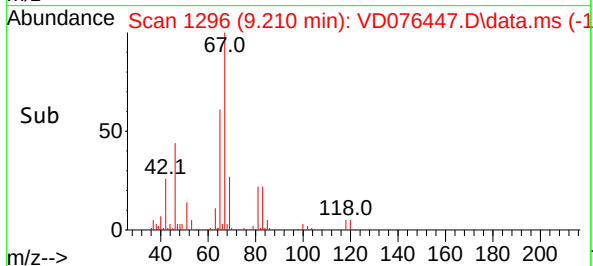
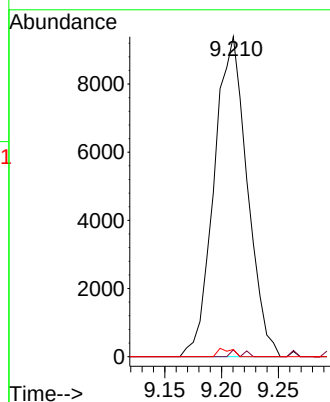
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	83	Resp:	19056
Ion Ratio	Lower	Upper	
83	100		
55	0.4	59.8	89.6#
98	1.1	37.8	56.6#



#37

1,2-Dichloropropane

Concen: 2.873 ug/L

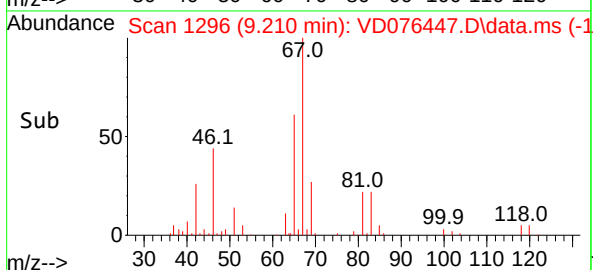
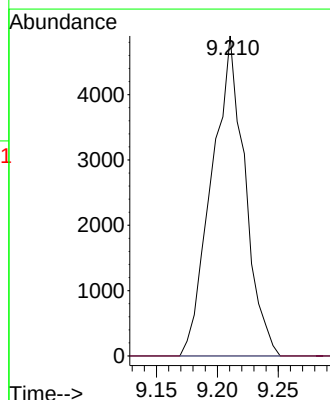
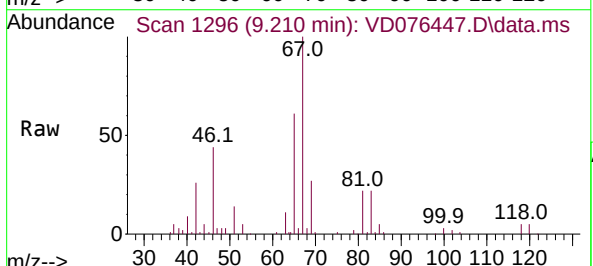
RT: 9.210 min Scan# 1296

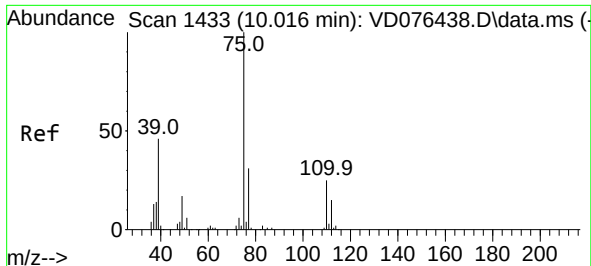
Delta R.T. -0.094 min

Lab File: VD076447.D

Acq: 15 Jun 2023 19:36

Tgt Ion:	63	Resp:	9262
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.1	4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.624 ug/L

RT: 9.975 min Scan# 1433

Delta R.T. -0.041 min

Lab File: VD076447.D

Acq: 15 Jun 2023 19:36

Instrument :

MSVOA_D

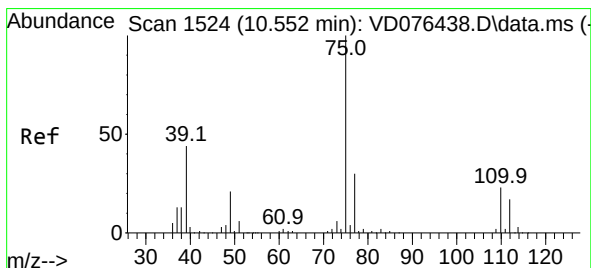
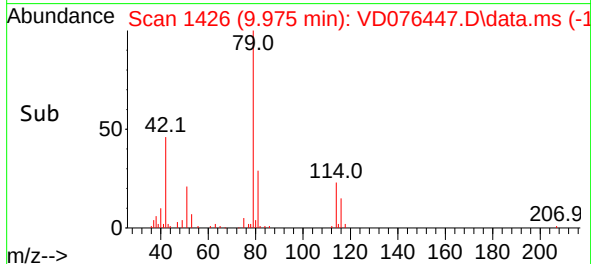
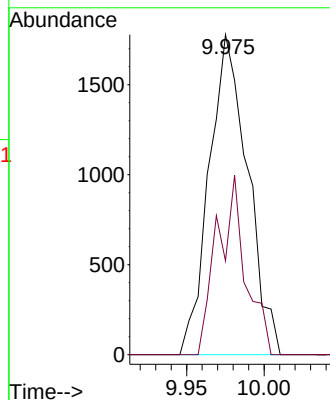
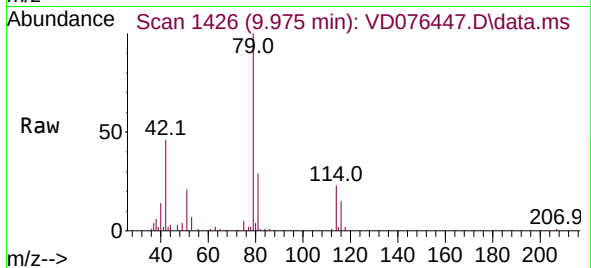
ClientSampleId :

Tgt Ion: 75 Resp: 3070

Ion Ratio Lower Upper

75 100

77 29.3 22.7 42.3



#44

trans-1,3-Dichloropropene

Concen: 0.421 ug/L

RT: 10.534 min Scan# 1521

Delta R.T. -0.018 min

Lab File: VD076447.D

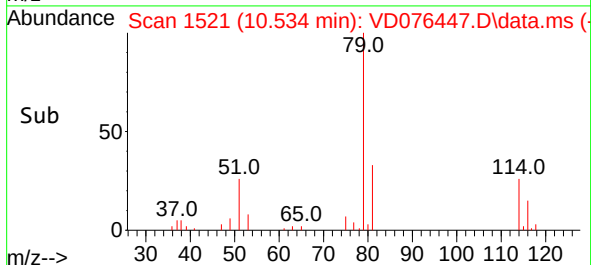
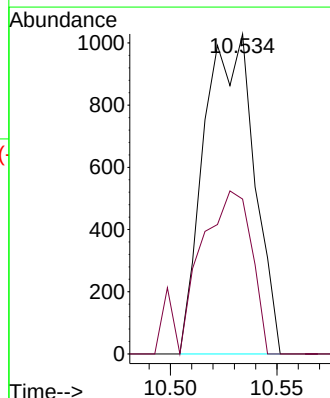
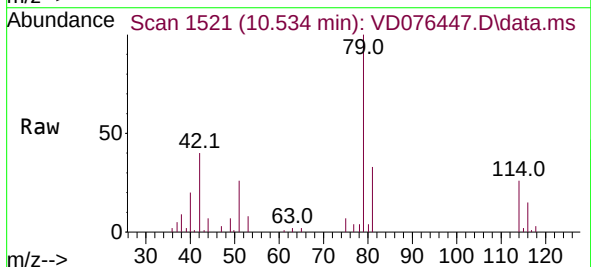
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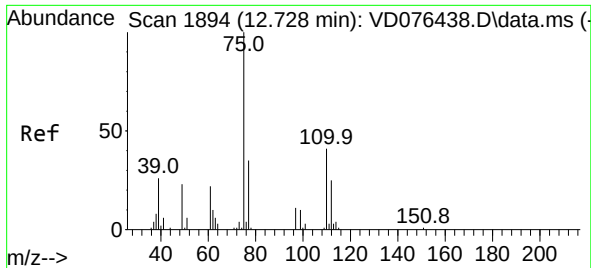
Tgt Ion: 75 Resp: 1686

Ion Ratio Lower Upper

75 100

77 48.4 22.5 41.7#





#61

1,2,3-Trichloropropane

Concen: 6.862 ug/L

RT: 13.522 min Scan# 20

Delta R.T. 0.794 min

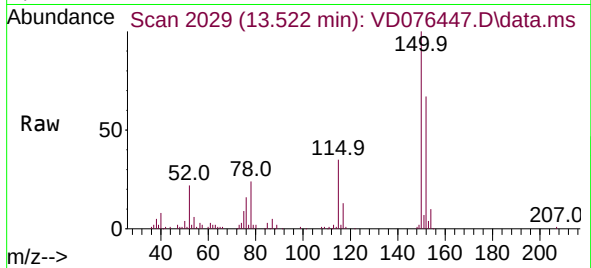
Lab File: VD076447.D

Acq: 15 Jun 2023 19:36

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75 Resp: 9092

Ion Ratio Lower Upper

75 100

77 32.0 27.2 40.8

110 1.4 31.8 47.6#

