

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062923\
 Data File : VD076638.D
 Acq On : 29 Jun 2023 14:57
 Operator : KP/SY
 Sample : 03458-13RE
 Misc : 5.16G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 30 01:15:45 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)

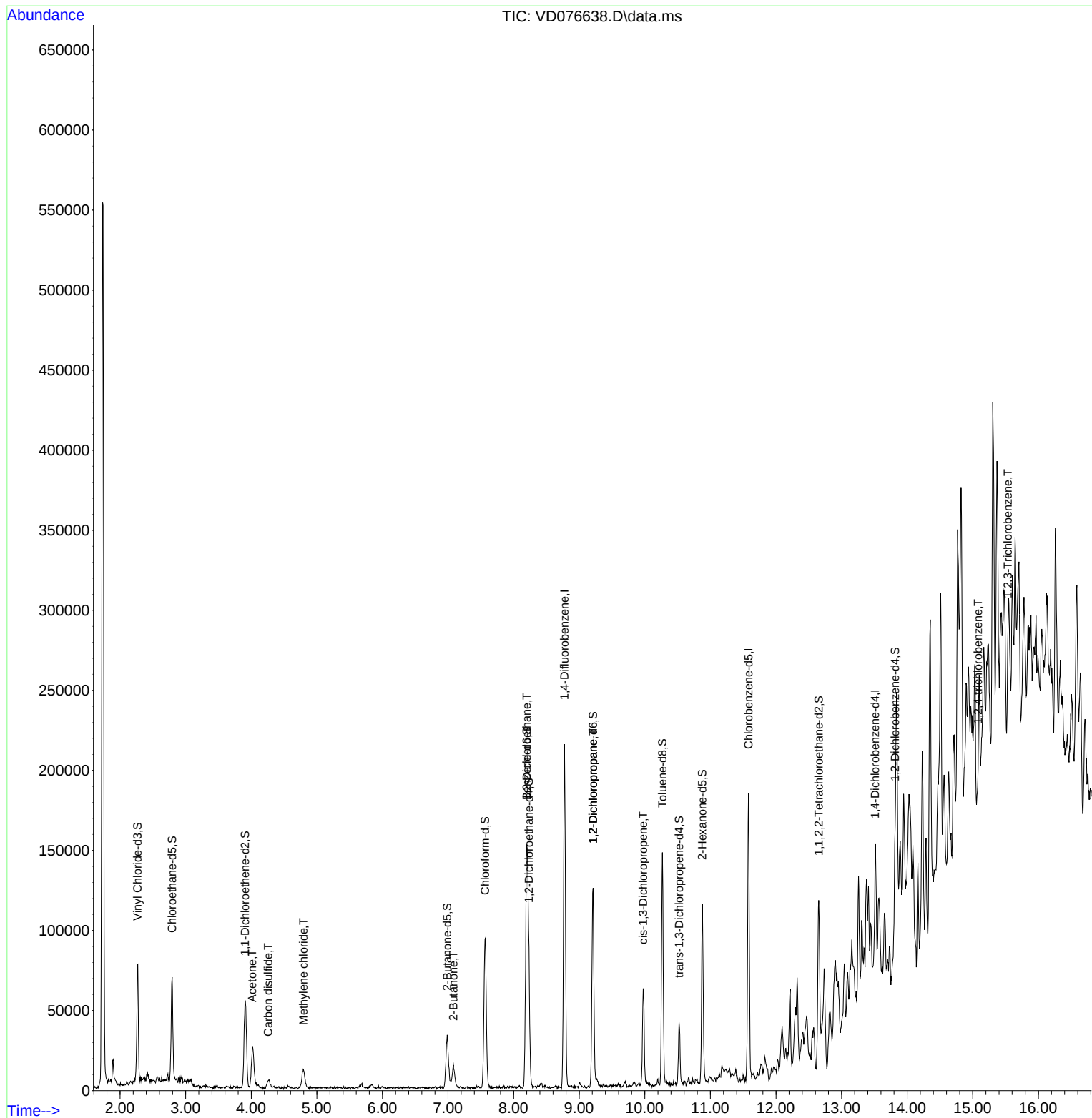
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	178749	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	95004	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.510	152	24724	25.000	ug/L	-0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.264	65	62603	14.381	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.520%
7) Chloroethane-d5	2.793	69	62140	17.654	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.600%
11) 1,1-Dichloroethene-d2	3.905	65	15824	13.926	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.720%
21) 2-Butanone-d5	6.987	46	57826	87.713	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	175.420%#
24) Chloroform-d	7.563	84	94158	19.994	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.960%
26) 1,2-Dichloroethane-d4	8.234	65	59533	25.625	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.520%
32) Benzene-d6	8.199	84	154879	26.650	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.600%
36) 1,2-Dichloropropane-d6	9.210	67	59710	32.188	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	128.760%#
41) Toluene-d8	10.269	98	94711	17.600	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.400%
43) trans-1,3-Dichloroprop...	10.522	79	22025	28.546	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	114.200%
47) 2-Hexanone-d5	10.875	63	37344	129.686	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	259.380%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	43426	32.904	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	131.600%#
66) 1,2-Dichlorobenzene-d4	13.816	152	14149	15.613	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	62.440%#
Target Compounds						
					Qvalue	
13) Acetone	4.017	43	44909	84.340	ug/L	96
14) Carbon disulfide	4.258	76	9543	1.135	ug/L	96
16) Methylene chloride	4.793	84	8425	2.712	ug/L	84
22) 2-Butanone	7.081	43	21184	24.652	ug/L	76
27) 1,2-Dichloroethane	8.199	62	968	0.341	ug/L #	71
37) 1,2-Dichloropropane	9.210	63	6473	3.776	ug/L #	88
39) cis-1,3-Dichloropropene	9.975	75	1293	0.494	ug/L #	64
70) 1,2,4-trichlorobenzene	15.081	180	418	0.419	ug/L #	1
72) 1,2,3-Trichlorobenzene	15.534	180	784	0.904	ug/L #	1

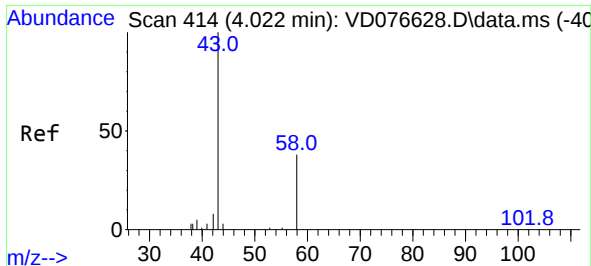
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 84.340 ug/L

RT: 4.017 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD076638.D

Acq: 29 Jun 2023 14:57

Instrument :

MSVOA_D

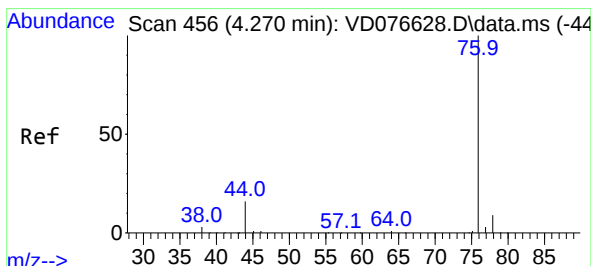
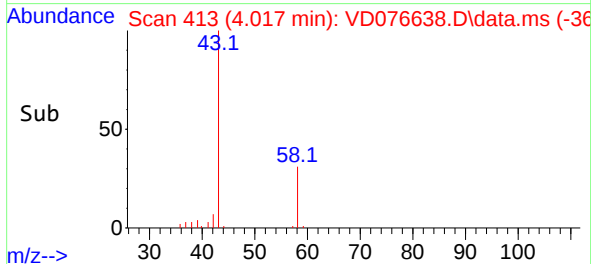
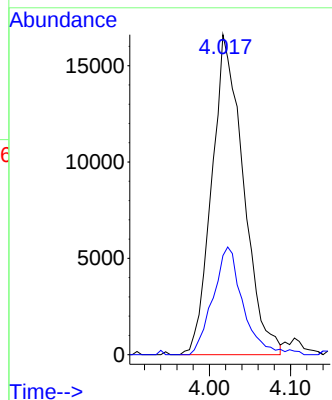
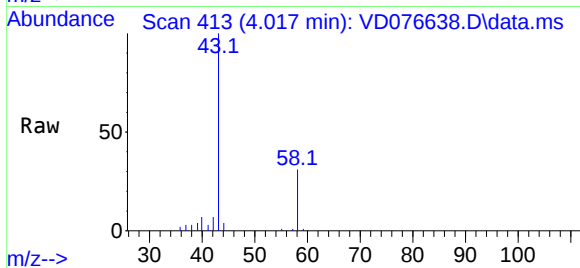
ClientSampleId :

Tgt Ion: 43 Resp: 44909

Ion Ratio Lower Upper

43 100

58 31.6 0.0 67.4



#14

Carbon disulfide

Concen: 1.135 ug/L

RT: 4.258 min Scan# 454

Delta R.T. -0.006 min

Lab File: VD076638.D

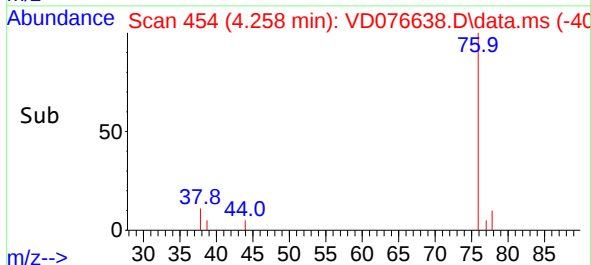
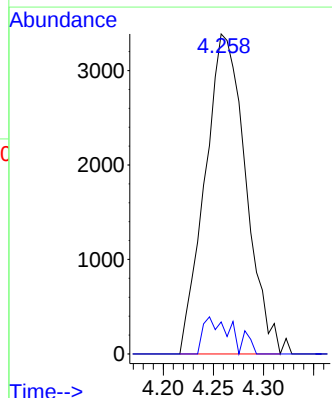
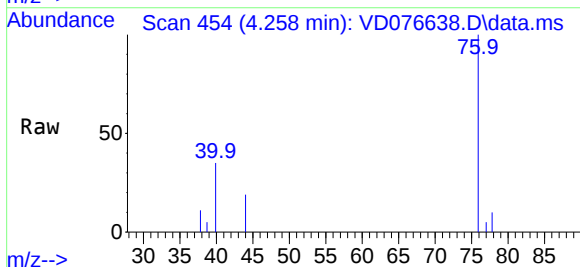
Acq: 29 Jun 2023 14:57

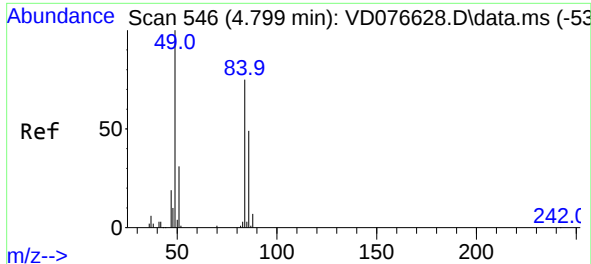
Tgt Ion: 76 Resp: 9543

Ion Ratio Lower Upper

76 100

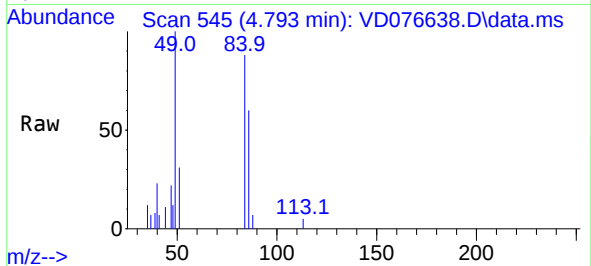
78 10.0 7.0 10.4



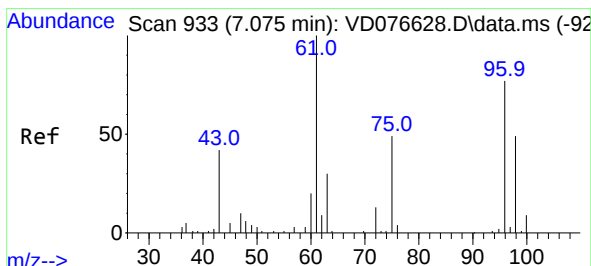
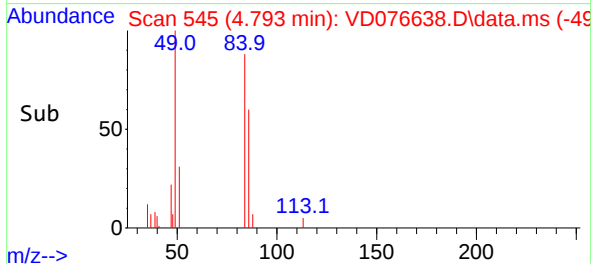
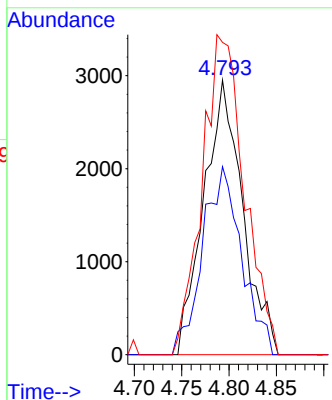


#16
Methylene chloride
Concen: 2.712 ug/L
RT: 4.793 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD076638.D
Acq: 29 Jun 2023 14:57

Instrument :
MSVOA_D
ClientSampleId :

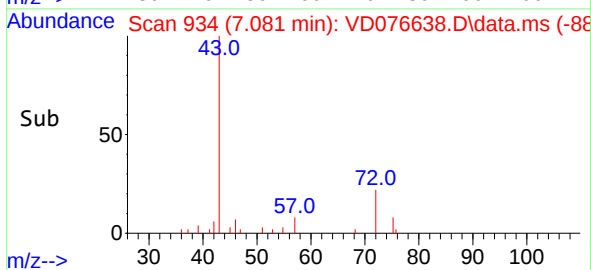
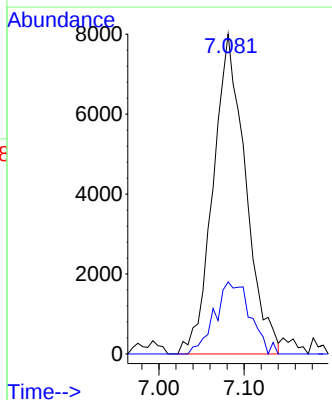
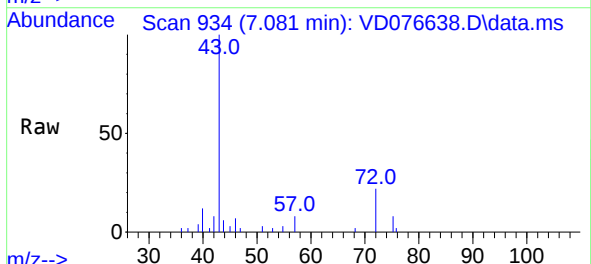


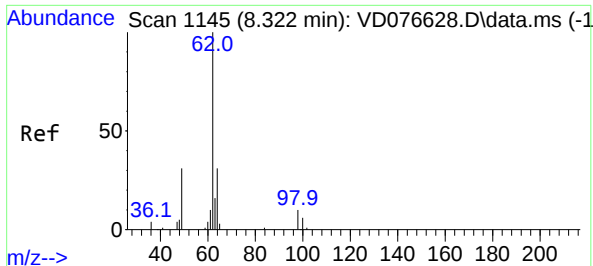
Tgt Ion: 84 Resp: 8425
Ion Ratio Lower Upper
84 100
86 68.5 45.1 83.9
49 113.8 97.2 180.6



#22
2-Butanone
Concen: 24.652 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD076638.D
Acq: 29 Jun 2023 14:57

Tgt Ion: 43 Resp: 21184
Ion Ratio Lower Upper
43 100
72 13.8 12.9 38.7

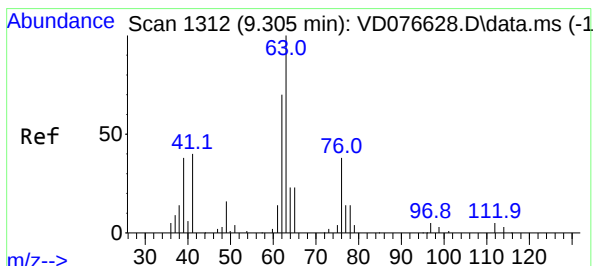
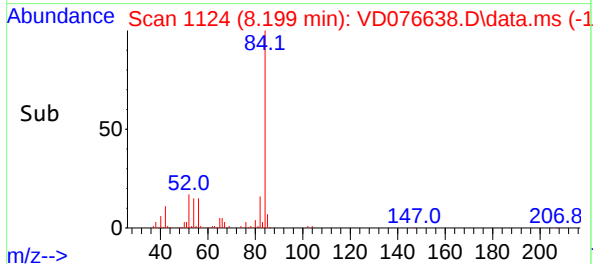
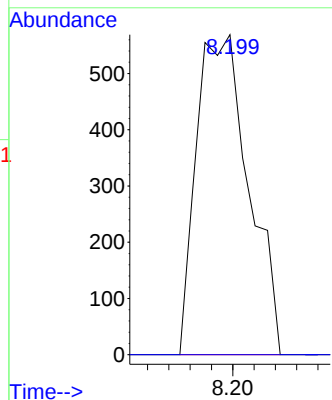
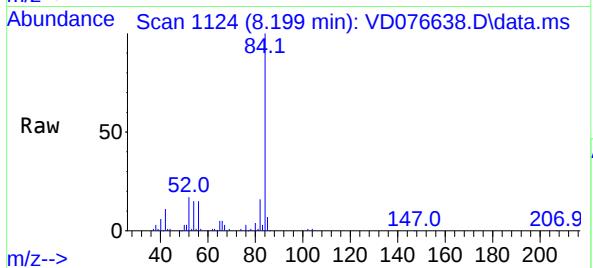




#27
1,2-Dichloroethane
Concen: 0.341 ug/L
RT: 8.199 min Scan# 1145
Delta R.T. -0.124 min
Lab File: VD076638.D
Acq: 29 Jun 2023 14:57

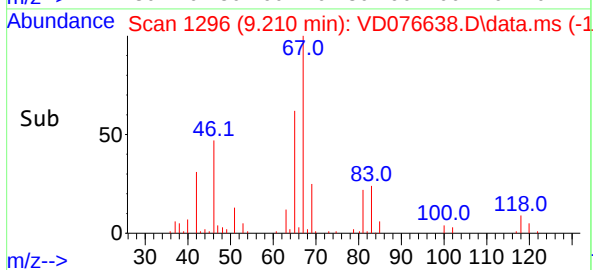
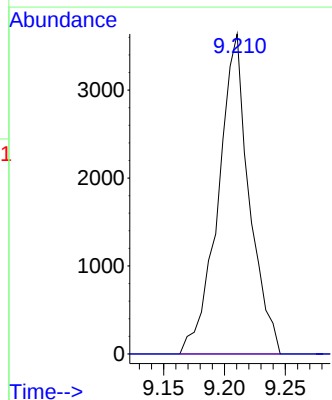
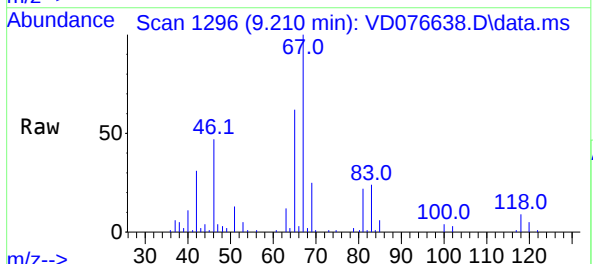
Instrument :
MSVOA_D
ClientSampleId :

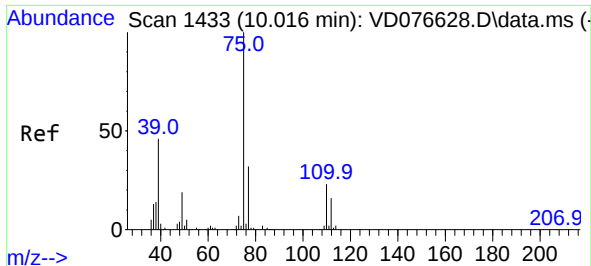
Tgt Ion: 62 Resp: 968
Ion Ratio Lower Upper
62 100
98 0.0 8.7 13.1#



#37
1,2-Dichloropropane
Concen: 3.776 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD076638.D
Acq: 29 Jun 2023 14:57

Tgt Ion: 63 Resp: 6473
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.494 ug/L

RT: 9.975 min Scan# 1433

Delta R.T. -0.041 min

Lab File: VD076638.D

Acq: 29 Jun 2023 14:57

Instrument :

MSVOA_D

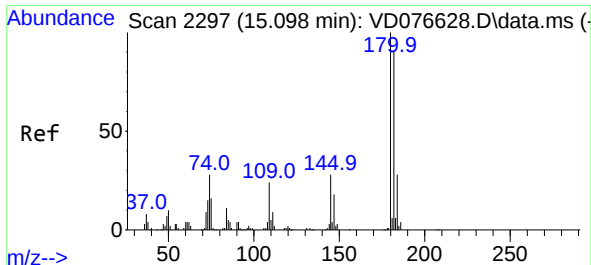
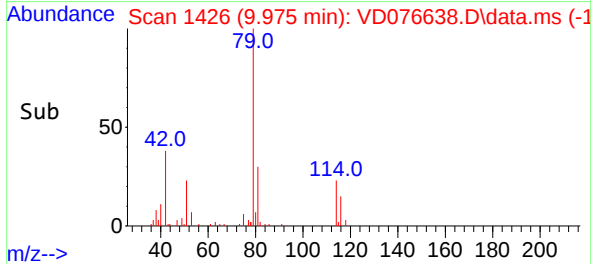
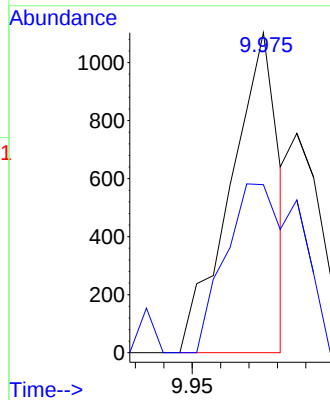
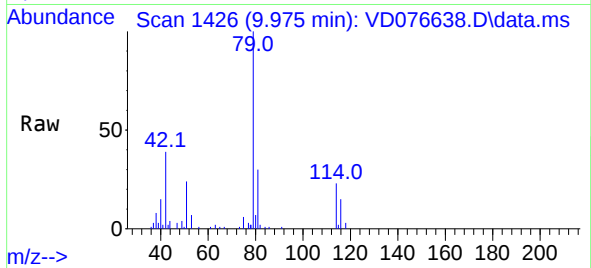
ClientSampleId :

Tgt Ion: 75 Resp: 1293

Ion Ratio Lower Upper

75 100

77 52.5 22.7 42.3#



#70

1,2,4-trichlorobenzene

Concen: 0.419 ug/L

RT: 15.081 min Scan# 2294

Delta R.T. -0.018 min

Lab File: VD076638.D

Acq: 29 Jun 2023 14:57

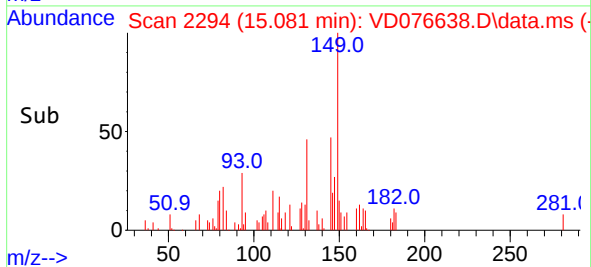
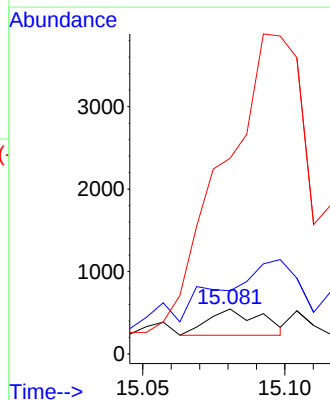
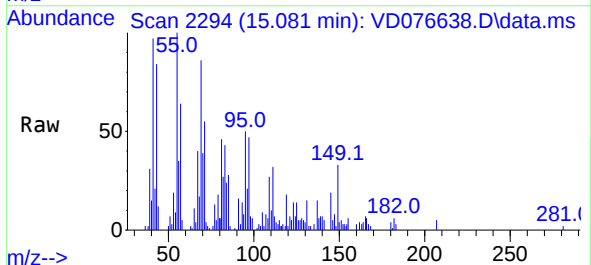
Tgt Ion: 180 Resp: 418

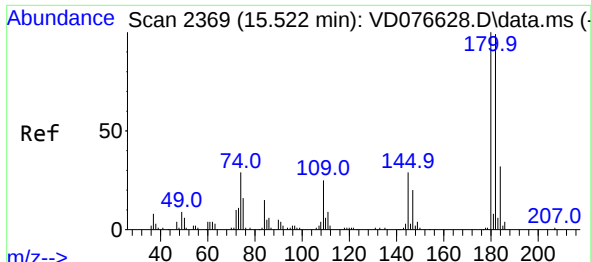
Ion Ratio Lower Upper

180 100

182 292.8 76.9 115.3#

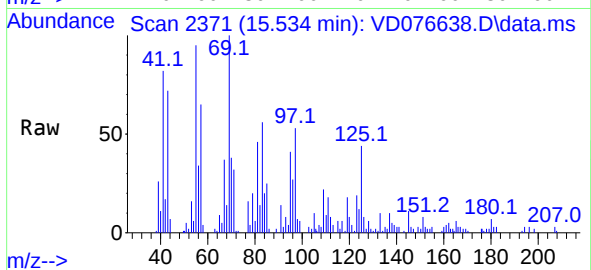
145 1770.3 23.5 35.3#





#72
1,2,3-Trichlorobenzene
Concen: 0.904 ug/L
RT: 15.534 min Scan# 21
Delta R.T. 0.012 min
Lab File: VD076638.D
Acq: 29 Jun 2023 14:57

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:180 Resp: 784
Ion Ratio Lower Upper
180 100
182 43.6 74.3 111.5#
145 641.1 25.0 37.6#

