

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050523\
 Data File : VD076021.D
 Acq On : 05 May 2023 13:05
 Operator : KP/SY
 Sample : 02589-14RE
 Misc : 4.65G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JRED0

Quant Time: May 06 00:23:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 06 00:21:26 2023
 Response via : Initial Calibration

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

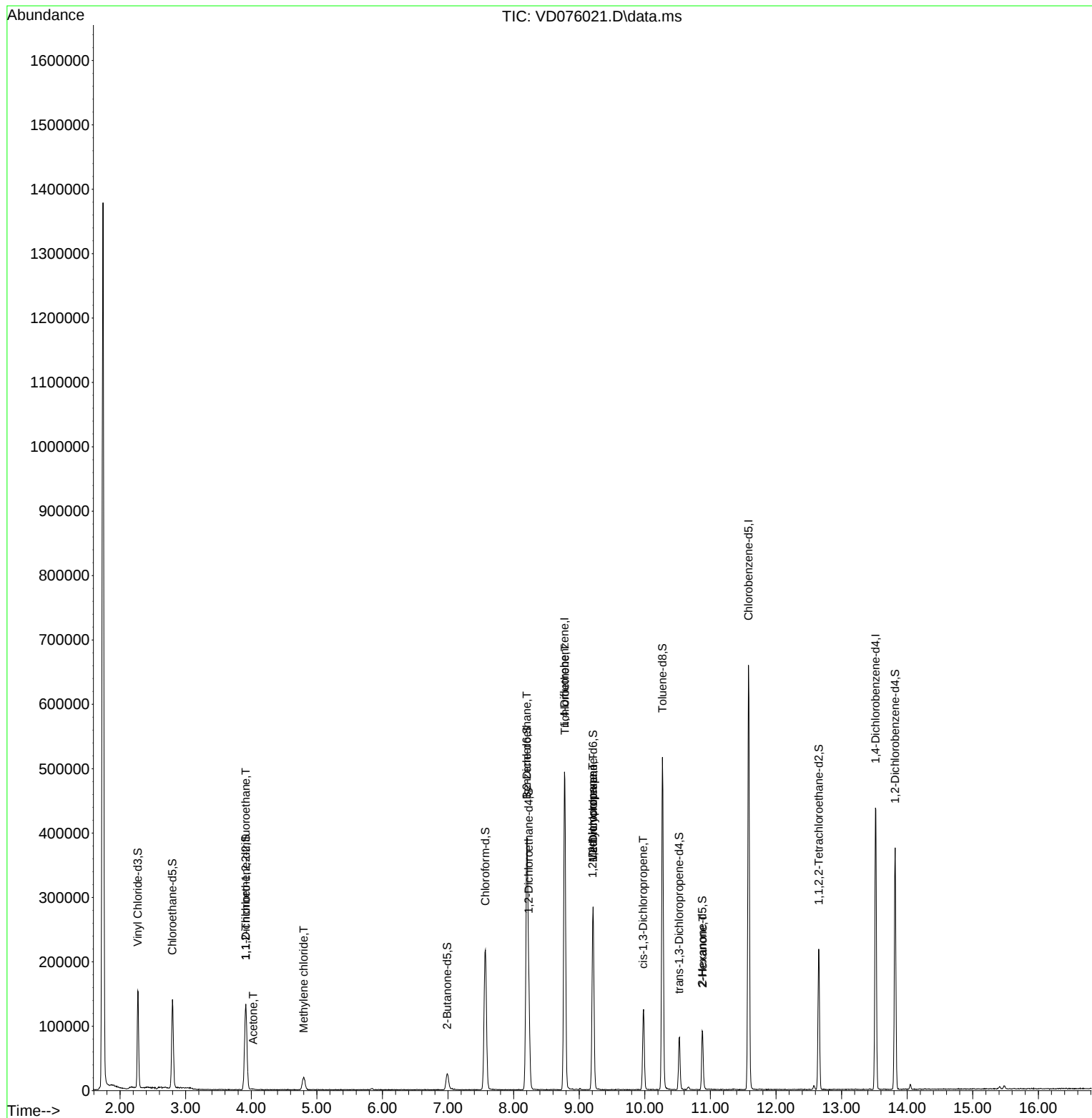
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	485590	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	418610	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	133707	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	148372	13.928	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.720%
7) Chloroethane-d5	2.799	69	150597	16.362	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.440%
11) 1,1-Dichloroethene-d2	3.917	65	36664	14.929	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.720%
21) 2-Butanone-d5	6.987	46	43448	46.982	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.960%
24) Chloroform-d	7.569	84	248138	20.435	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.720%
26) 1,2-Dichloroethane-d4	8.228	65	103668	19.992	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.960%
32) Benzene-d6	8.199	84	440180	18.041	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.160%
36) 1,2-Dichloropropane-d6	9.210	67	150073	22.222	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.880%
41) Toluene-d8	10.269	98	381641	16.708	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.840%
43) trans-1,3-Dichloroprop...	10.522	79	49082	17.583	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.320%
47) 2-Hexanone-d5	10.875	63	33473	41.165	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.340%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	113456	21.955	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	13.816	152	110404	23.344	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.360%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	3.917	101	1407	0.214	ug/L #	21
13) Acetone	4.028	43	2193	2.771	ug/L	64
16) Methylene chloride	4.799	84	16877	1.713	ug/L	88
27) 1,2-Dichloroethane	8.199	62	2208	0.364	ug/L #	68
34) Trichloroethene	8.781	95	12438	1.899	ug/L #	2
35) Methylcyclohexane	9.210	83	35599	3.526	ug/L #	24
37) 1,2-Dichloropropane	9.204	63	14694	2.526	ug/L #	85
39) cis-1,3-Dichloropropene	9.975	75	3104	0.336	ug/L	86
48) 2-Hexanone	10.881	43	3878	2.594	ug/L #	52

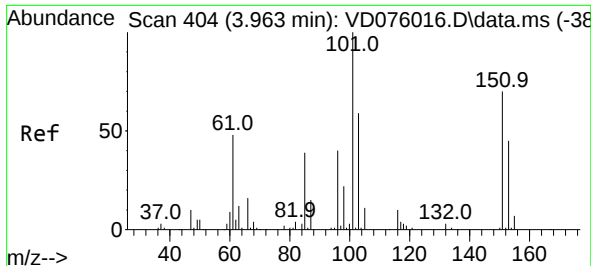
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat May 06 00:21:26 2023
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.214 ug/L

RT: 3.917 min Scan# 396

Delta R.T. -0.047 min

Lab File: VD076021.D

Acq: 05 May 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

JRED0

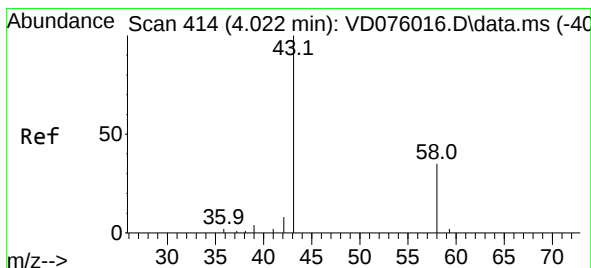
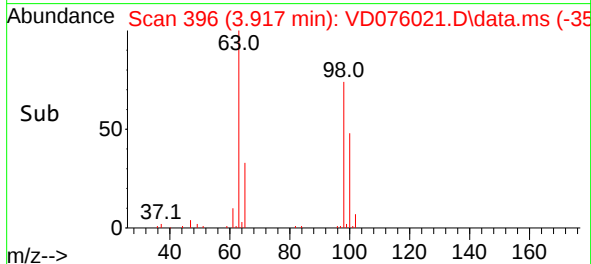
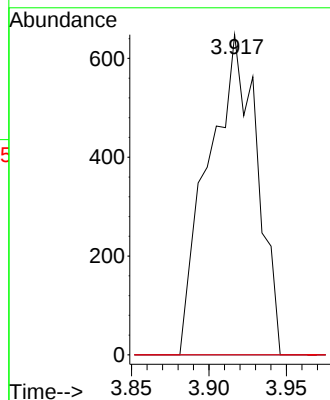
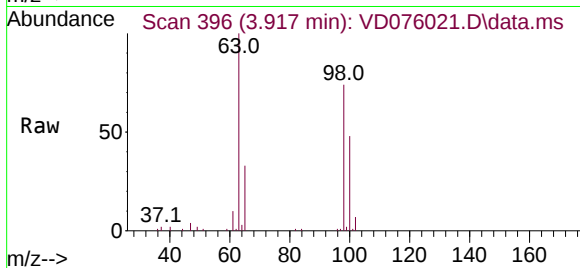
Tgt Ion:101 Resp: 1407

Ion Ratio Lower Upper

101 100

85 0.0 32.9 49.3#

151 0.0 57.2 85.8#



#13

Acetone

Concen: 2.771 ug/L

RT: 4.028 min Scan# 415

Delta R.T. 0.006 min

Lab File: VD076021.D

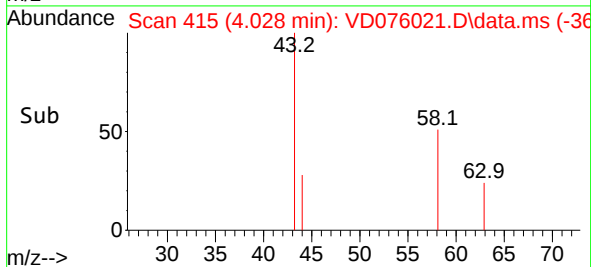
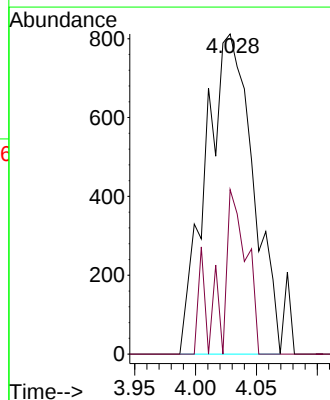
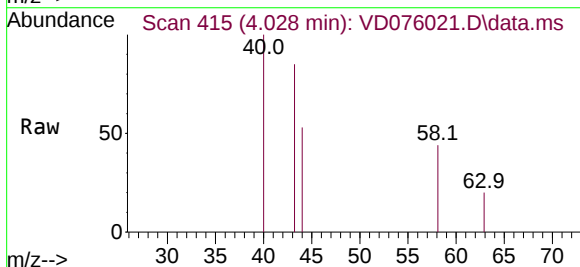
Acq: 05 May 2023 13:05

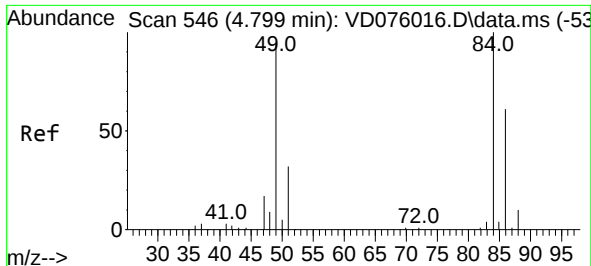
Tgt Ion: 43 Resp: 2193

Ion Ratio Lower Upper

43 100

58 20.5 0.0 87.4

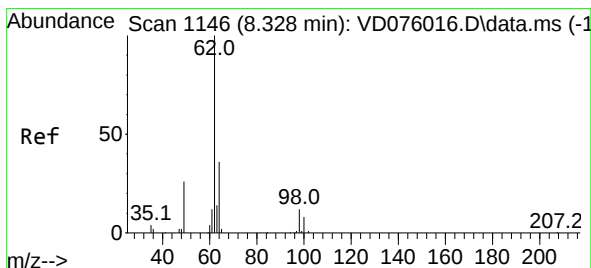
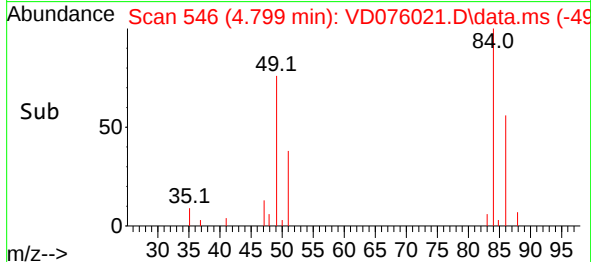
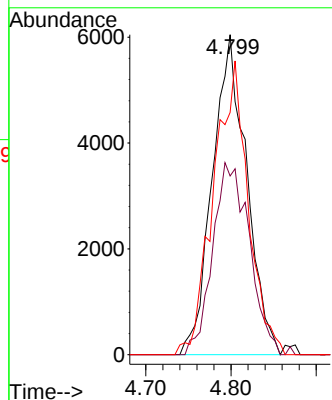
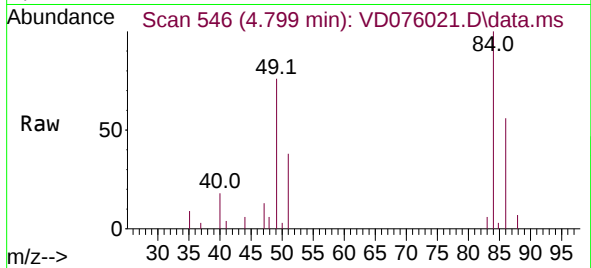




#16
Methylene chloride
Concen: 1.713 ug/L
RT: 4.799 min Scan# 54
Delta R.T. 0.000 min
Lab File: VD076021.D
Acq: 05 May 2023 13:05

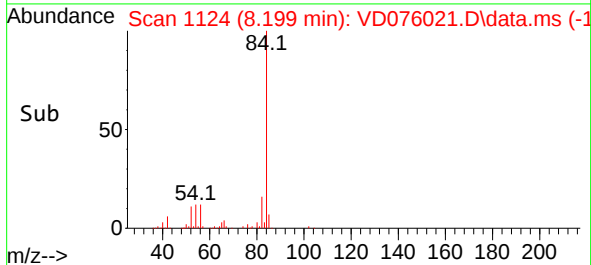
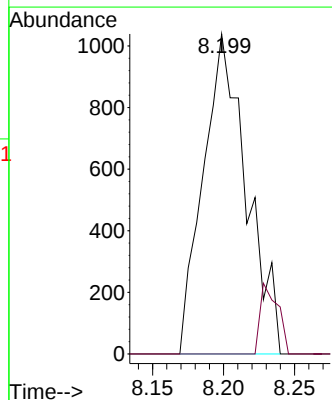
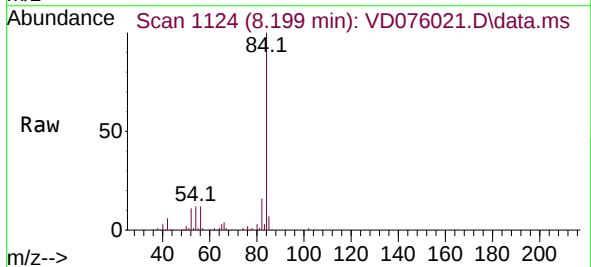
Instrument :
MSVOA_D
ClientSampleId :
JRED0

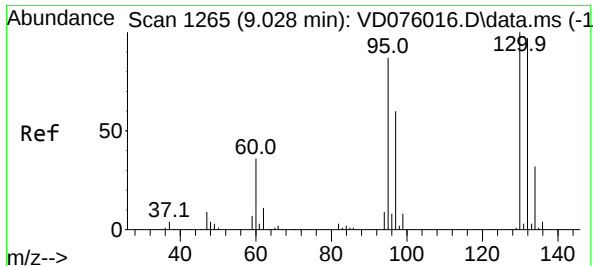
Tgt Ion: 84 Resp: 16877
Ion Ratio Lower Upper
84 100
86 55.9 45.8 85.2
49 75.7 60.8 112.8



#27
1,2-Dichloroethane
Concen: 0.364 ug/L
RT: 8.199 min Scan# 1124
Delta R.T. -0.129 min
Lab File: VD076021.D
Acq: 05 May 2023 13:05

Tgt Ion: 62 Resp: 2208
Ion Ratio Lower Upper
62 100
98 0.0 10.2 15.2#

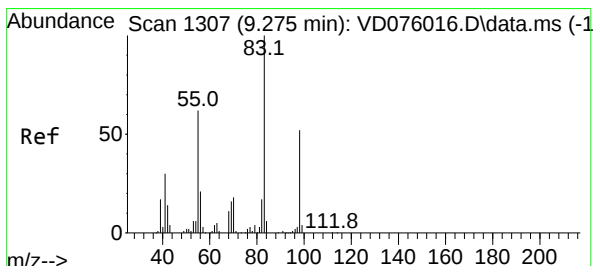
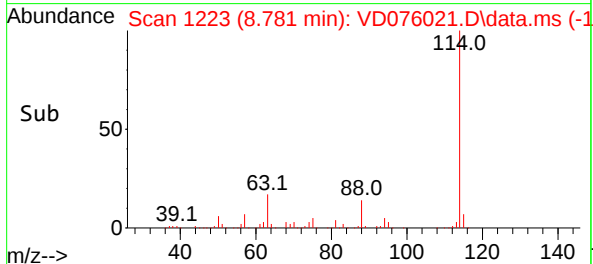
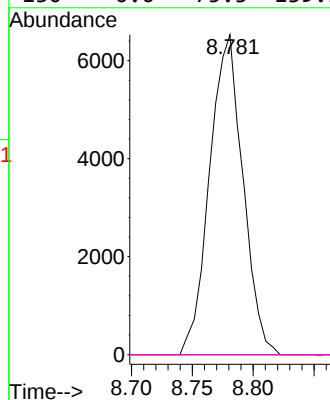
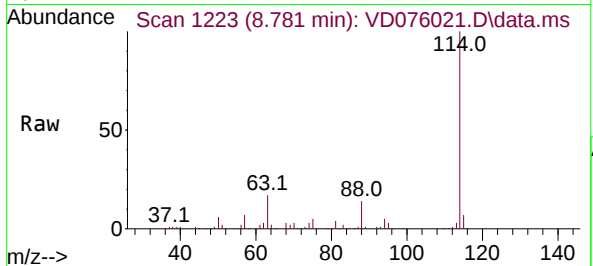




#34
Trichloroethene
Concen: 1.899 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD076021.D
Acq: 05 May 2023 13:05

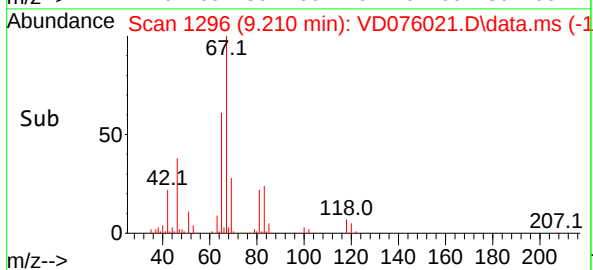
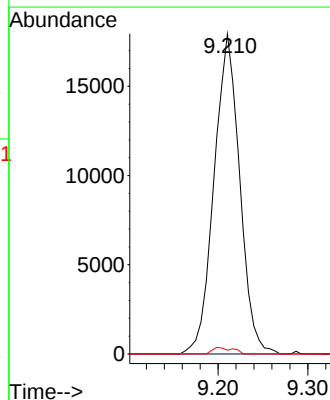
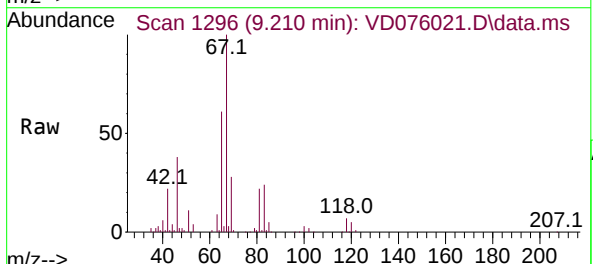
Instrument :
MSVOA_D
ClientSampleId :
JRED0

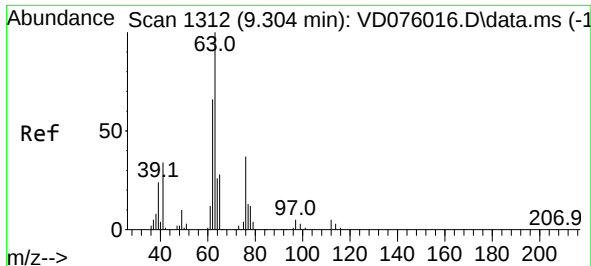
Tgt Ion:	95	Resp:	12438
Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.0	85.4#
132	0.0	73.3	136.1#
130	0.0	75.3	139.9#



#35
Methylcyclohexane
Concen: 3.526 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.064 min
Lab File: VD076021.D
Acq: 05 May 2023 13:05

Tgt Ion:	83	Resp:	35599
Ion	Ratio	Lower	Upper
83	100		
55	0.0	48.2	72.2#
98	0.5	40.8	61.2#

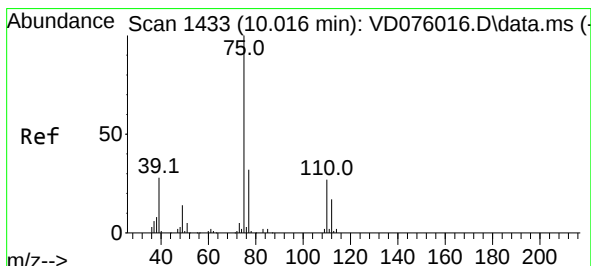
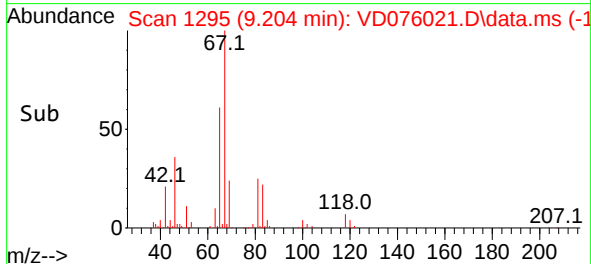
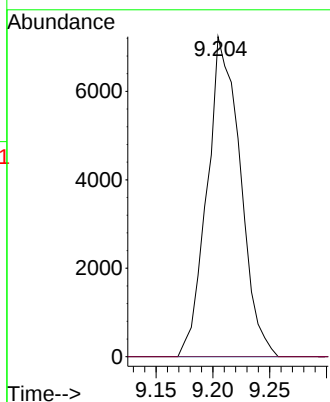
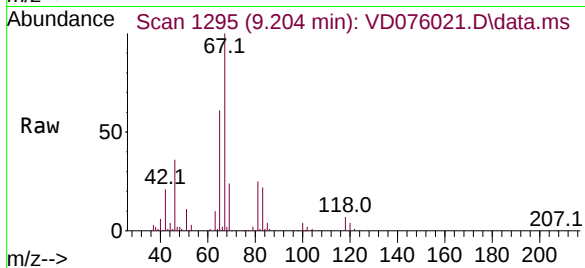




#37
1,2-Dichloropropane
Concen: 2.526 ug/L
RT: 9.204 min Scan# 11
Delta R.T. -0.100 min
Lab File: VD076021.D
Acq: 05 May 2023 13:05

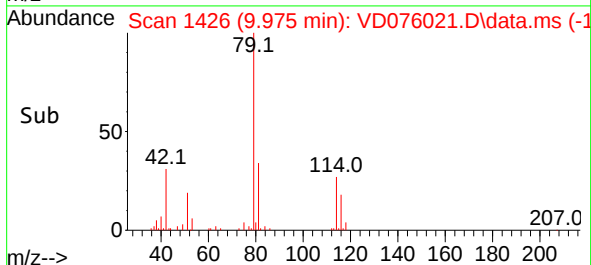
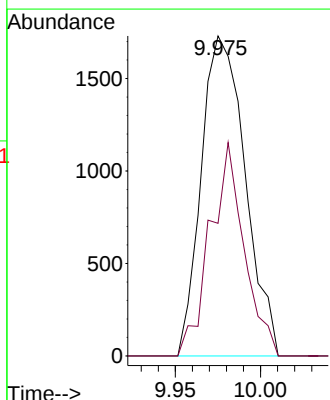
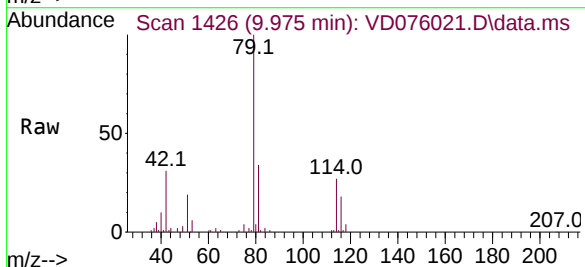
Instrument :
MSVOA_D
ClientSampleId :
JRED0

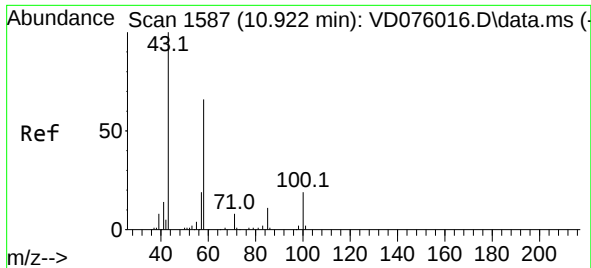
Tgt Ion: 63 Resp: 14694
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.336 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD076021.D
Acq: 05 May 2023 13:05

Tgt Ion: 75 Resp: 3104
Ion Ratio Lower Upper
75 100
77 41.4 23.4 43.6





#48

2-Hexanone

Concen: 2.594 ug/L

RT: 10.881 min Scan# 11

Delta R.T. -0.041 min

Lab File: VD076021.D

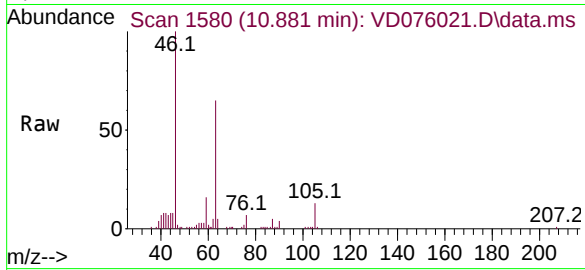
Acq: 05 May 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

JRED0



Tgt Ion: 43 Resp: 3878

Ion Ratio Lower Upper

43 100

58 28.4 59.7 89.5#

57 38.1 17.9 26.9#

100 0.0 15.8 23.6#

