

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050823\
 Data File : VD076042.D
 Acq On : 08 May 2023 16:33
 Operator : KP/SY
 Sample : 02591-27
 Misc : 4.12G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 09 02:37:51 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)

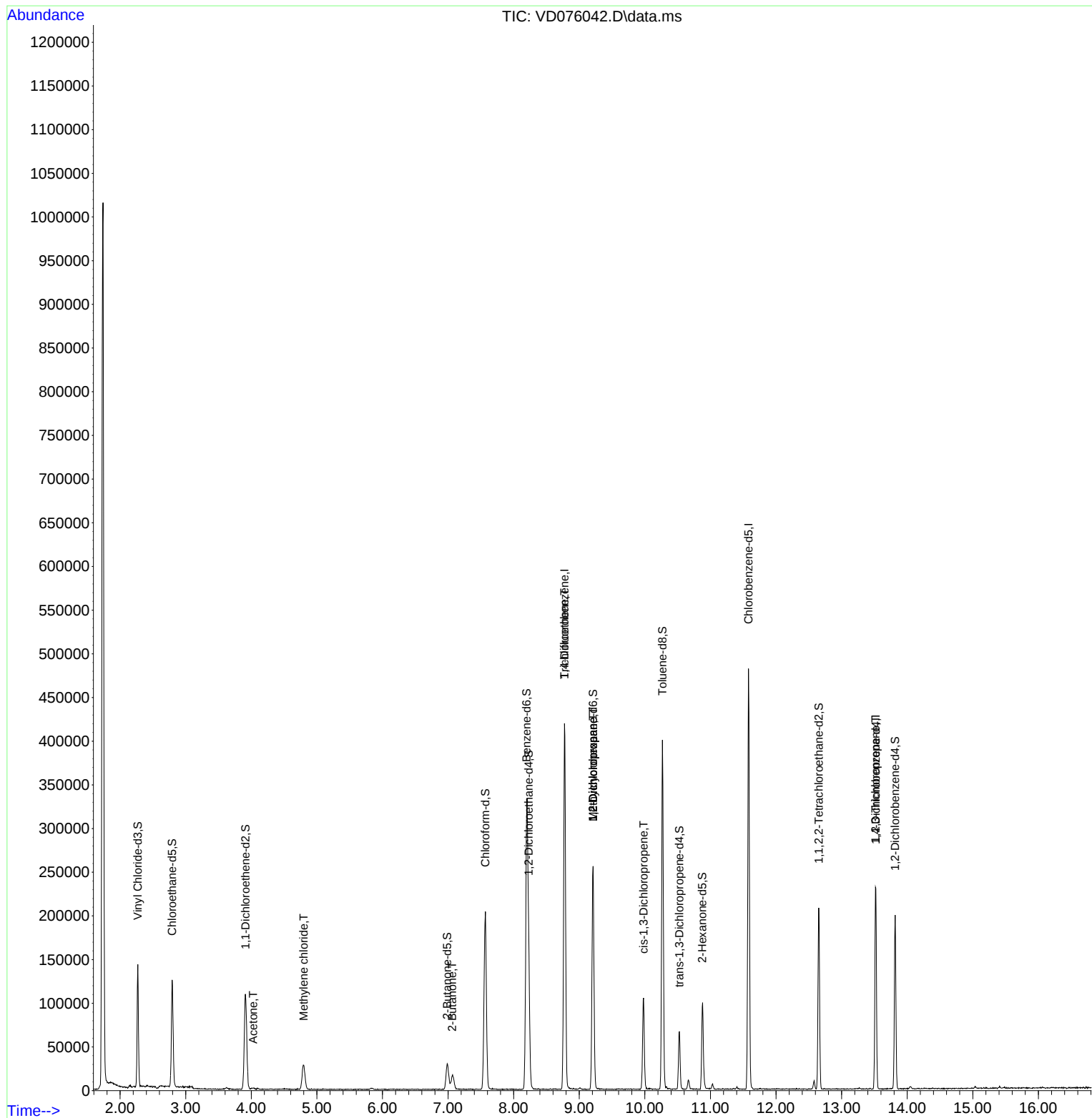
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	405046	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	305898	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	72947	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	127127	14.307	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.240%
7) Chloroethane-d5	2.793	69	132535	17.263	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.040%
11) 1,1-Dichloroethene-d2	3.911	65	30515	14.896	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.600%
21) 2-Butanone-d5	6.987	46	48290	62.602	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.200%
24) Chloroform-d	7.569	84	219876	21.708	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.840%
26) 1,2-Dichloroethane-d4	8.228	65	101534	23.474	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.880%
32) Benzene-d6	8.199	84	376490	21.117	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.480%
36) 1,2-Dichloropropane-d6	9.210	67	137562	27.875	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.520%
41) Toluene-d8	10.269	98	292614	17.531	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.120%
43) trans-1,3-Dichloroprop...	10.528	79	40731	19.968	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.880%
47) 2-Hexanone-d5	10.875	63	35592	59.899	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.800%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	111369	29.492	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.960%
66) 1,2-Dichlorobenzene-d4	13.816	152	56138	21.757	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.040%
Target Compounds						Qvalue
13) Acetone	4.028	43	1741	2.637	ug/L	70
16) Methylene chloride	4.799	84	25272	3.076	ug/L	95
22) 2-Butanone	7.063	43	660	0.767	ug/L #	34
34) Trichloroethene	8.775	95	9825	2.053	ug/L #	2
35) Methylcyclohexane	9.210	83	32703	4.433	ug/L #	24
37) 1,2-Dichloropropane	9.210	63	13223	3.111	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	2613	0.387	ug/L #	50
61) 1,2,3-Trichloropropane	13.516	75	7167	6.254	ug/L #	61

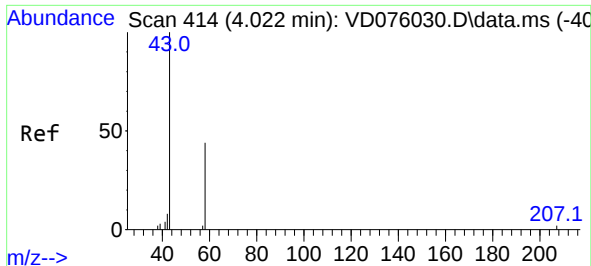
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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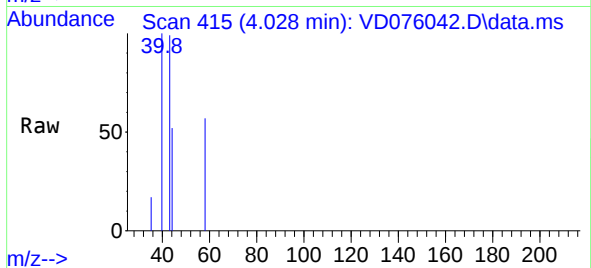
Quant Time: May 09 02:37:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
QLast Update : Sat May 06 00:21:26 2023
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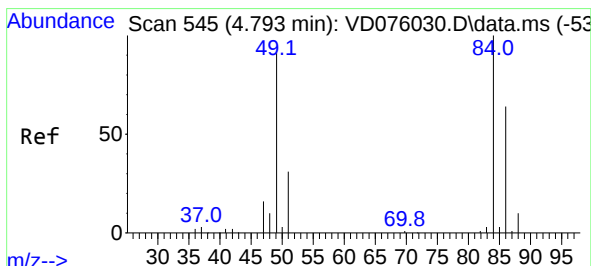
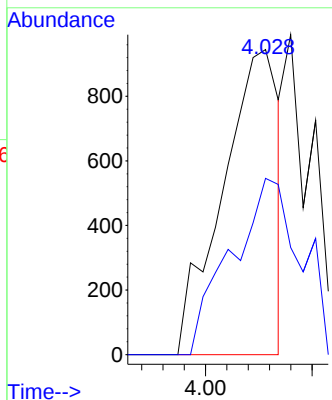
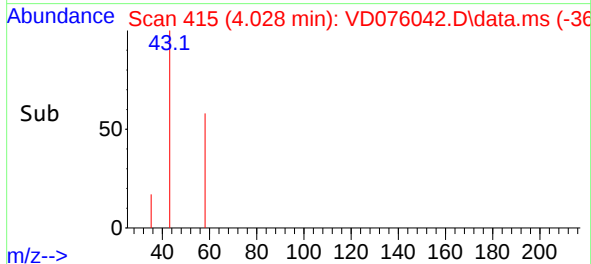


#13
Acetone
Concen: 2.637 ug/L
RT: 4.028 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076042.D
Acq: 08 May 2023 16:33

Instrument :
MSVOA_D
ClientSampleId :

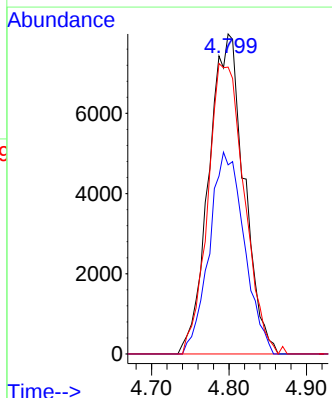
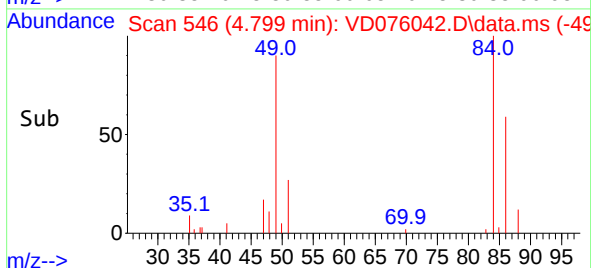
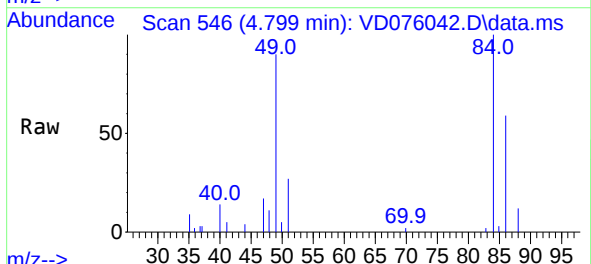


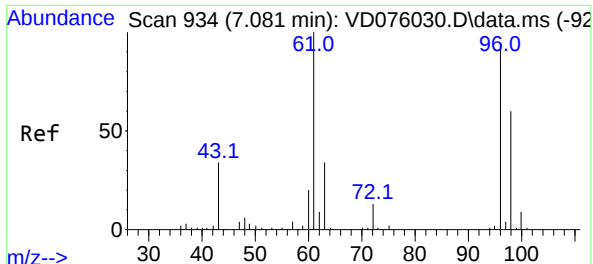
Tgt Ion: 43 Resp: 1741
Ion Ratio Lower Upper
43 100
58 63.2 0.0 87.4



#16
Methylene chloride
Concen: 3.076 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD076042.D
Acq: 08 May 2023 16:33

Tgt Ion: 84 Resp: 25272
Ion Ratio Lower Upper
84 100
86 59.1 45.8 85.2
49 89.6 60.8 112.8

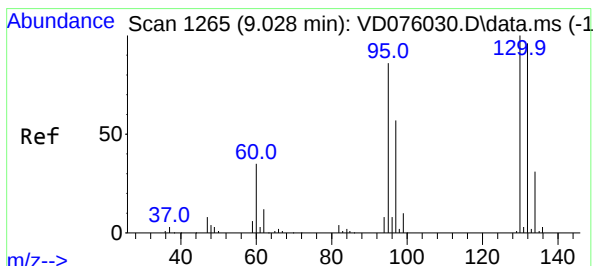
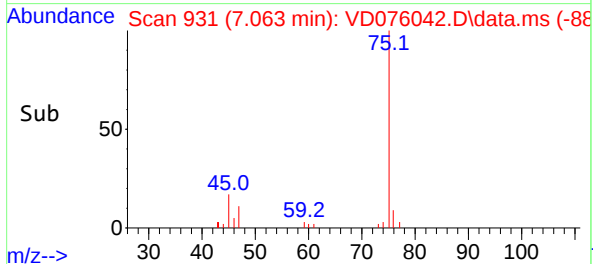
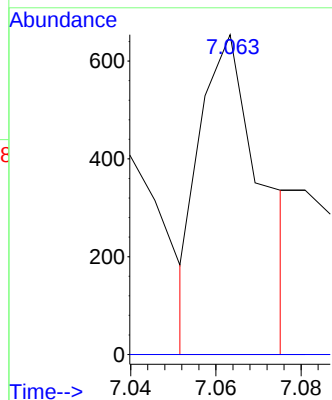
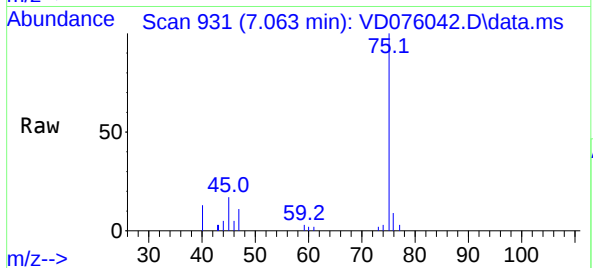




#22
2-Butanone
Concen: 0.767 ug/L
RT: 7.063 min Scan# 91
Delta R.T. -0.017 min
Lab File: VD076042.D
Acq: 08 May 2023 16:33

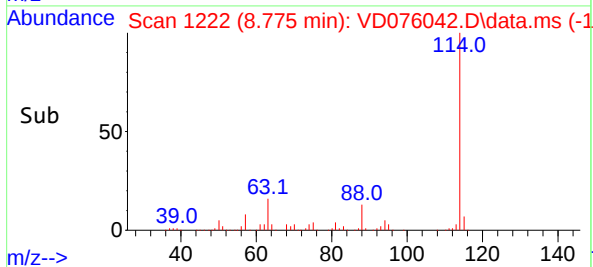
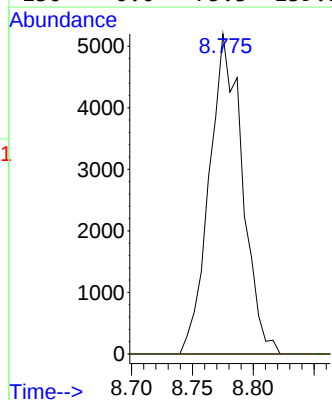
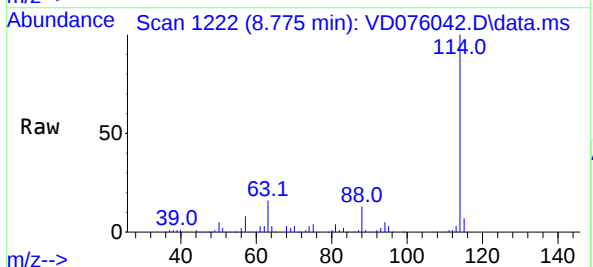
Instrument :
MSVOA_D
ClientSampleId :

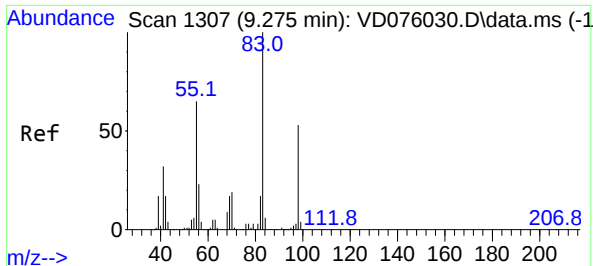
Tgt Ion: 43 Resp: 660
Ion Ratio Lower Upper
43 100
72 0.0 20.5 61.5#



#34
Trichloroethene
Concen: 2.053 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD076042.D
Acq: 08 May 2023 16:33

Tgt Ion: 95 Resp: 9825
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: 4.433 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.065 min

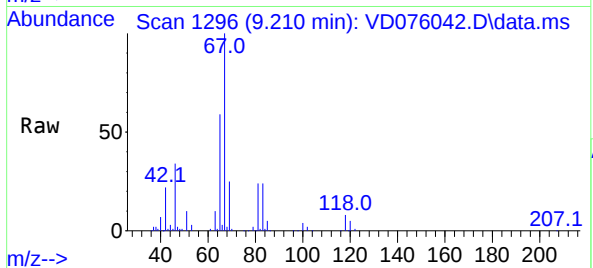
Lab File: VD076042.D

Acq: 08 May 2023 16:33

Instrument :

MSVOA_D

ClientSampleId :



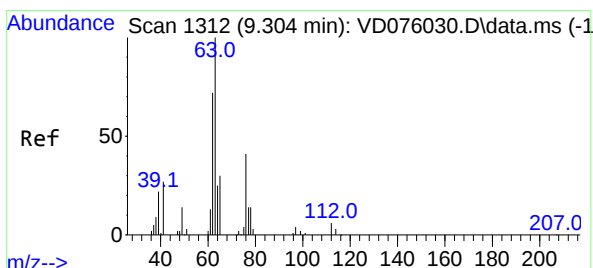
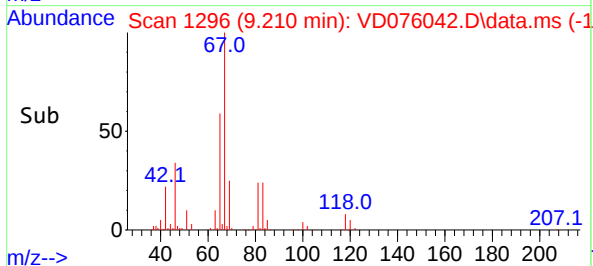
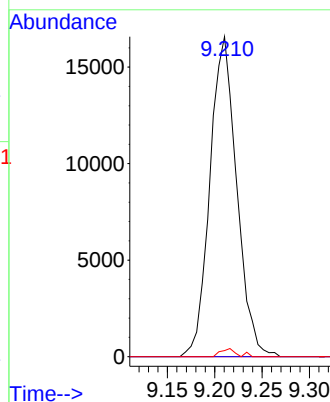
Tgt Ion: 83 Resp: 32703

Ion Ratio Lower Upper

83 100

55 0.0 48.2 72.2#

98 1.3 40.8 61.2#



#37

1,2-Dichloropropane

Concen: 3.111 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.094 min

Lab File: VD076042.D

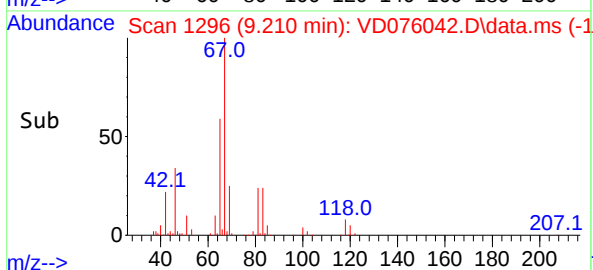
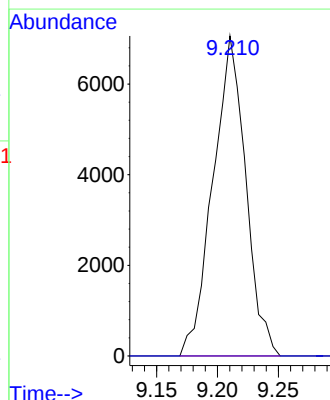
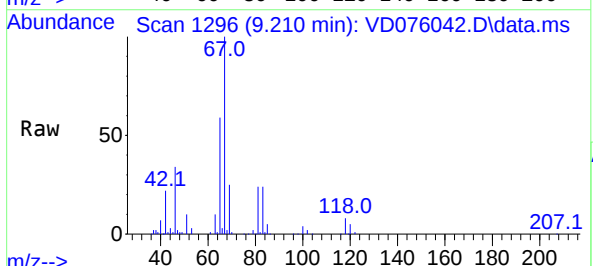
Acq: 08 May 2023 16:33

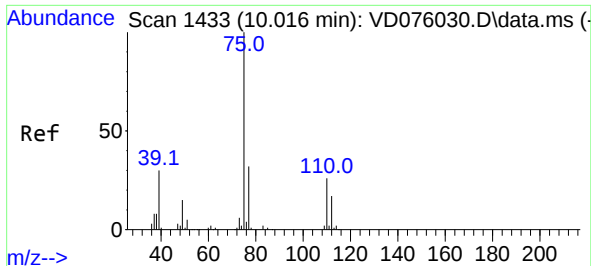
Tgt Ion: 63 Resp: 13223

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.387 ug/L

RT: 9.981 min Scan# 1433

Delta R.T. -0.035 min

Lab File: VD076042.D

Acq: 08 May 2023 16:33

Instrument :

MSVOA_D

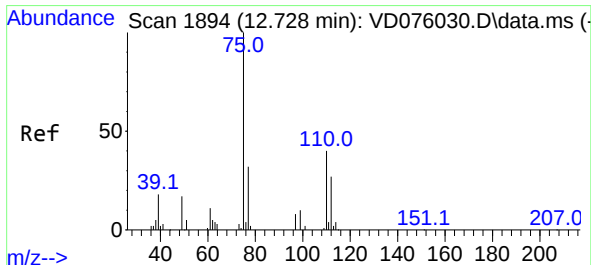
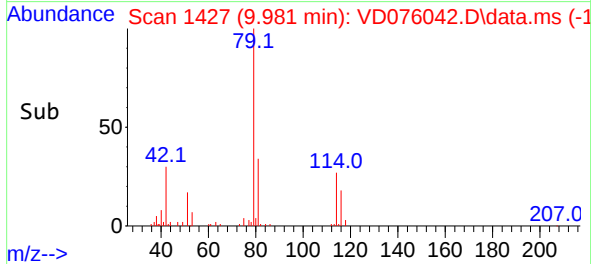
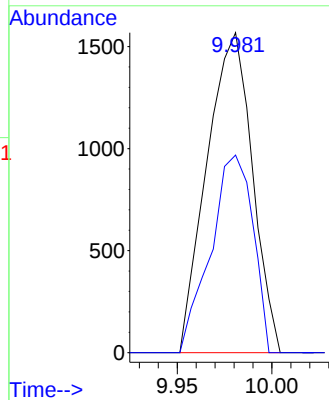
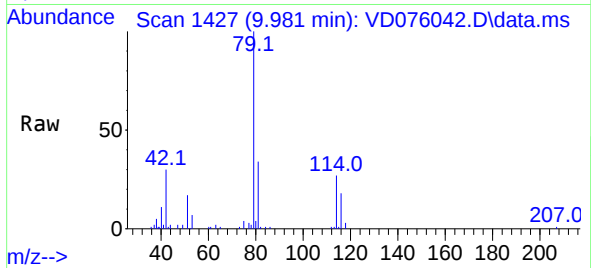
ClientSampleId :

Tgt Ion: 75 Resp: 2613

Ion Ratio Lower Upper

75 100

77 61.7 23.4 43.6#



#61

1,2,3-Trichloropropane

Concen: 6.254 ug/L

RT: 13.516 min Scan# 2028

Delta R.T. 0.788 min

Lab File: VD076042.D

Acq: 08 May 2023 16:33

Tgt Ion: 75 Resp: 7167

Ion Ratio Lower Upper

75 100

77 36.2 26.6 39.8

110 0.0 33.5 50.3#

