

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062723\
 Data File : VD076605.D
 Acq On : 27 Jun 2023 20:56
 Operator : KP/SY
 Sample : 03422-20
 Misc : 5.20G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46L7

Quant Time: Jun 28 05:06:50 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)

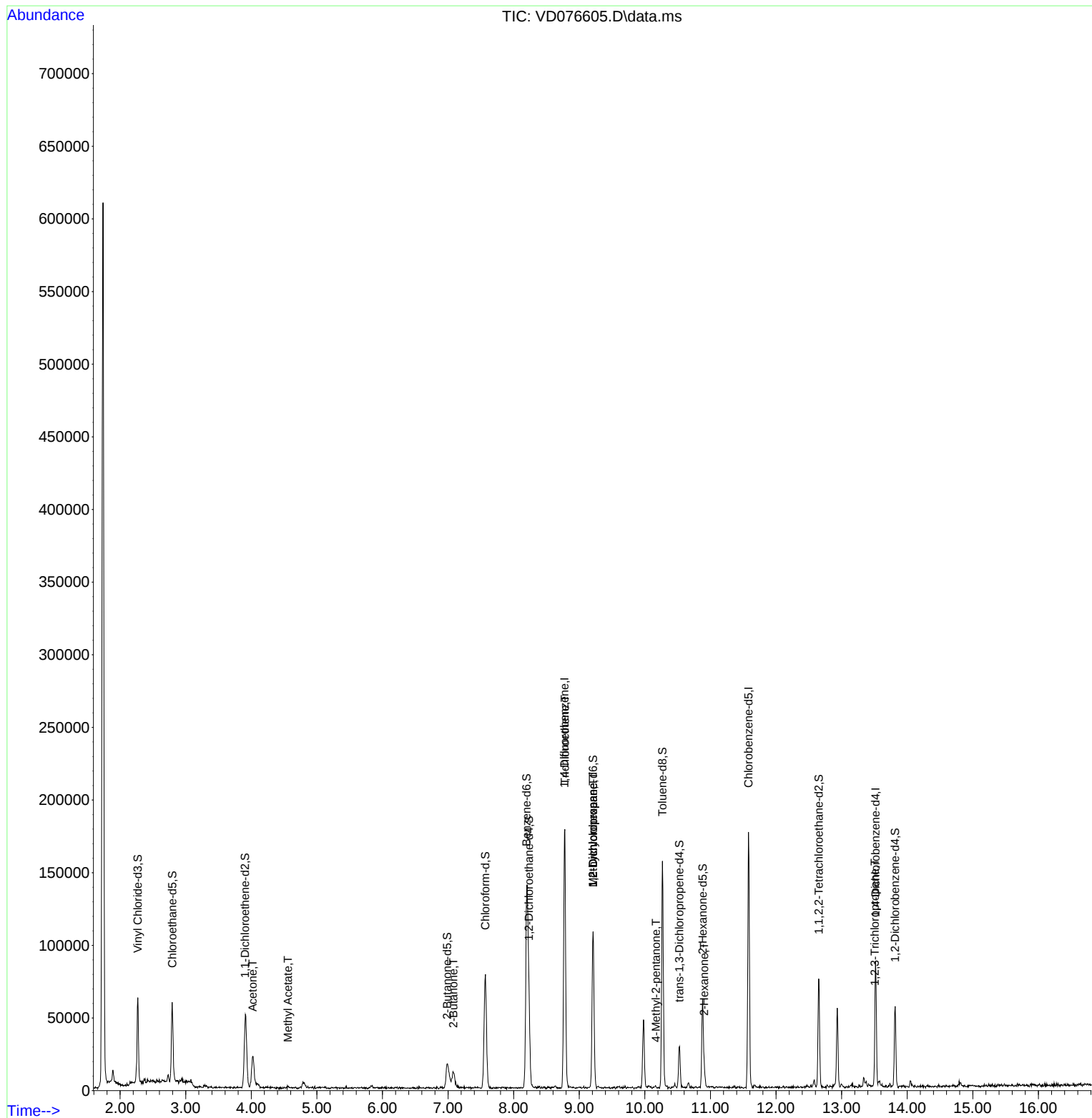
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	155696	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	98851	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	22272	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	49921	13.166	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.680%
7) Chloroethane-d5	2.799	69	50426	16.447	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.800%
11) 1,1-Dichloroethene-d2	3.905	65	7954	8.036	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	32.160%#
21) 2-Butanone-d5	6.987	46	28637	49.870	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.740%
24) Chloroform-d	7.569	84	79721	19.435	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.720%
26) 1,2-Dichloroethane-d4	8.234	65	46553	23.005	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	8.198	84	141114	23.337	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.360%
36) 1,2-Dichloropropane-d6	9.210	67	54195	28.078	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.320%
41) Toluene-d8	10.269	98	103250	18.441	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.760%
43) trans-1,3-Dichloroprop...	10.528	79	15759	19.630	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.520%
47) 2-Hexanone-d5	10.881	63	19167	63.972	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.940%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	38417	27.976	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.920%
66) 1,2-Dichlorobenzene-d4	13.816	152	13859	16.977	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	67.920%#
Target Compounds					Qvalue	
13) Acetone	4.022	43	39827	85.870	ug/L	84
15) Methyl Acetate	4.557	43	402	0.380	ug/L #	53
22) 2-Butanone	7.081	43	19643	26.244	ug/L #	72
34) Trichloroethene	8.781	95	4899	2.915	ug/L #	4
35) Methylcyclohexane	9.210	83	11928	4.401	ug/L #	19
37) 1,2-Dichloropropane	9.210	63	6175	3.462	ug/L #	88
40) 4-Methyl-2-pentanone	10.169	43	873	0.787	ug/L #	85
48) 2-Hexanone	10.904	43	3578	4.708	ug/L #	47
61) 1,2,3-Trichloropropane	13.504	75	983	2.274	ug/L #	38

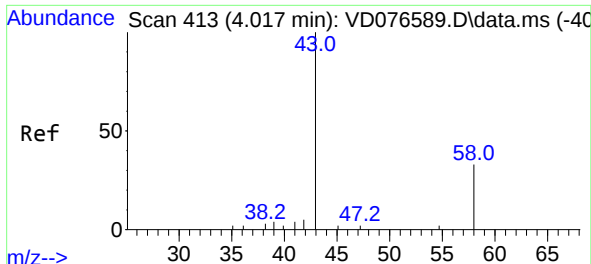
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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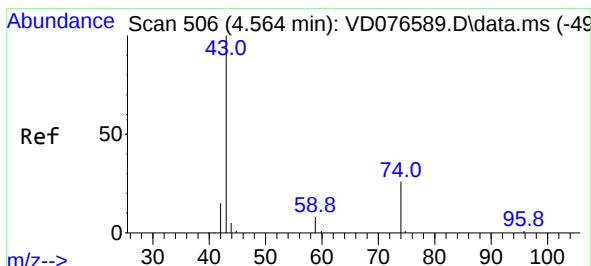
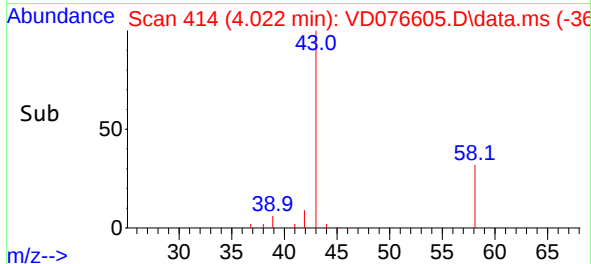
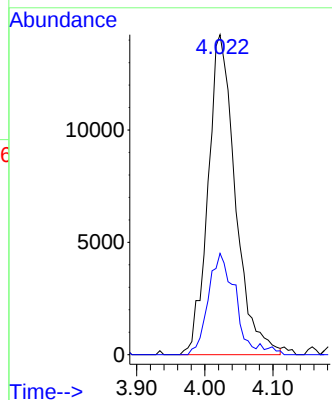
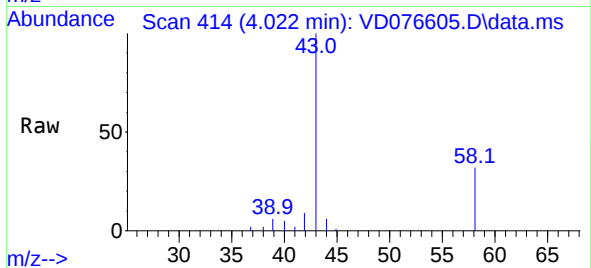




#13
Acetone
Concen: 85.870 ug/L
RT: 4.022 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD076605.D
Acq: 27 Jun 2023 20:56

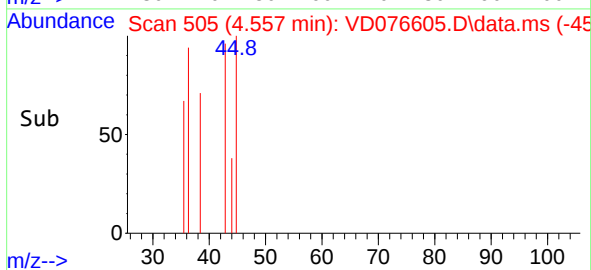
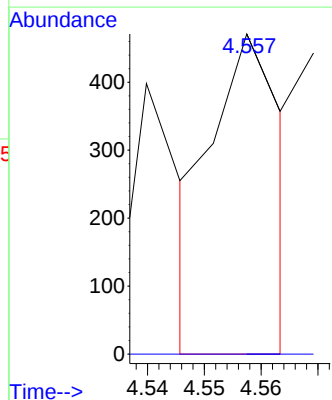
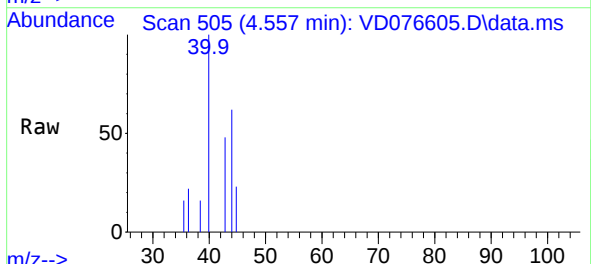
Instrument :
MSVOA_D
ClientSampleId :
A46L7

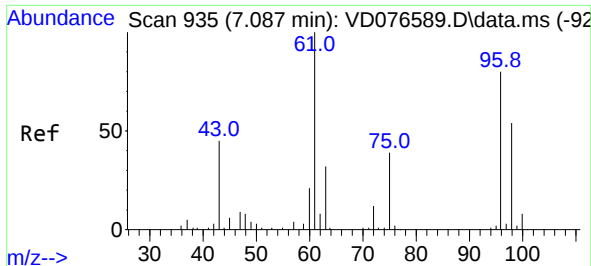
Tgt Ion: 43 Resp: 39827
Ion Ratio Lower Upper
43 100
58 24.7 0.0 67.4



#15
Methyl Acetate
Concen: 0.380 ug/L
RT: 4.557 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD076605.D
Acq: 27 Jun 2023 20:56

Tgt Ion: 43 Resp: 402
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.2#

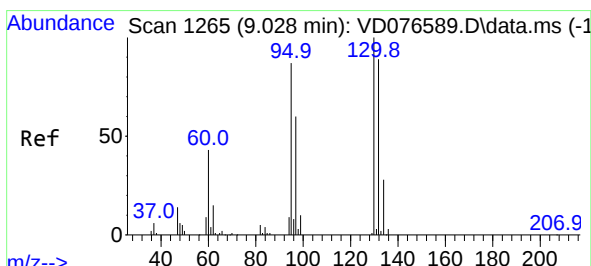
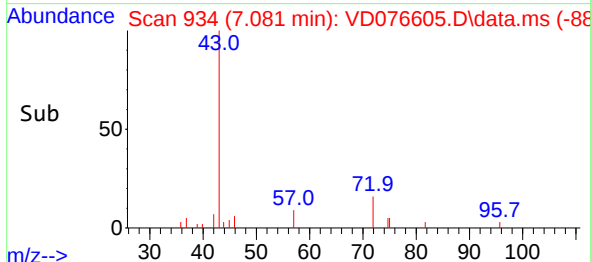
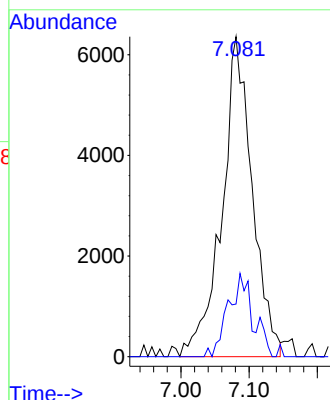
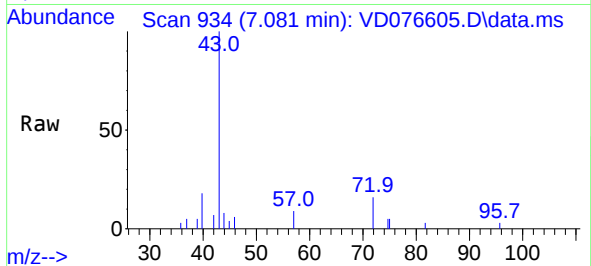




#22
2-Butanone
Concen: 26.244 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076605.D
Acq: 27 Jun 2023 20:56

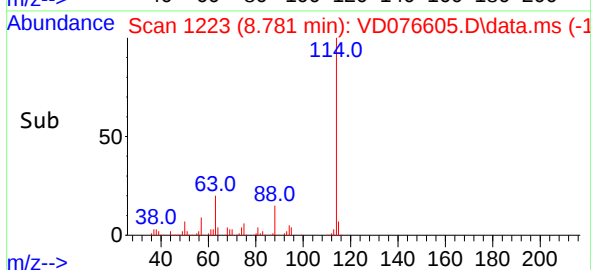
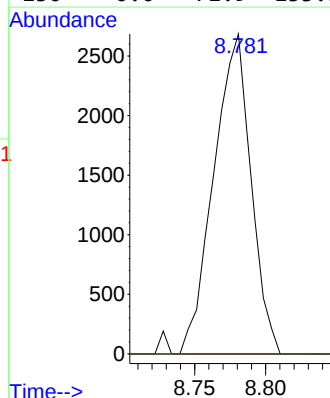
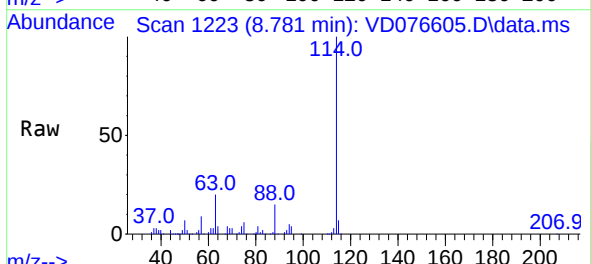
Instrument :
MSVOA_D
ClientSampleId :
A46L7

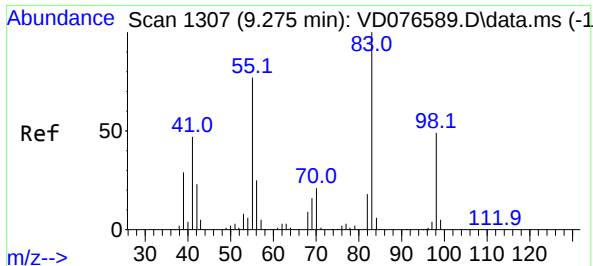
Tgt Ion: 43 Resp: 19643
Ion Ratio Lower Upper
43 100
72 11.7 12.9 38.7#



#34
Trichloroethene
Concen: 2.915 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD076605.D
Acq: 27 Jun 2023 20:56

Tgt Ion: 95 Resp: 4899
Ion Ratio Lower Upper
95 100
97 0.0 43.1 80.1#
132 0.0 71.8 133.4#
130 0.0 71.9 133.5#





#35

Methylcyclohexane

Concen: 4.401 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.059 min

Lab File: VD076605.D

Acq: 27 Jun 2023 20:56

Instrument :

MSVOA_D

ClientSampleId :

A46L7

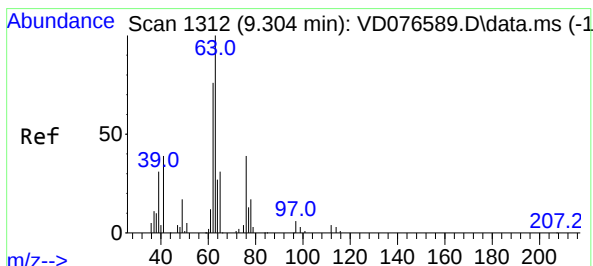
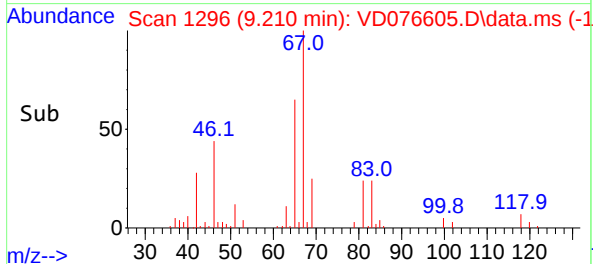
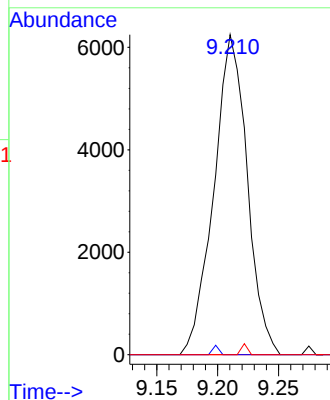
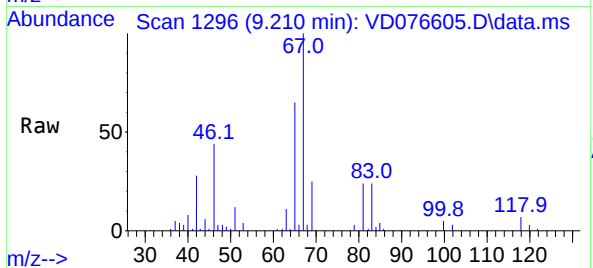
Tgt Ion: 83 Resp: 11928

Ion Ratio Lower Upper

83 100

55 0.0 59.8 89.6#

98 0.0 37.8 56.6#



#37

1,2-Dichloropropane

Concen: 3.462 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.094 min

Lab File: VD076605.D

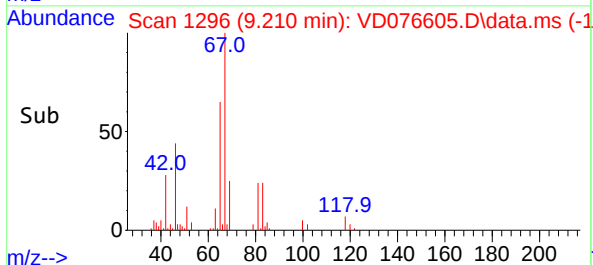
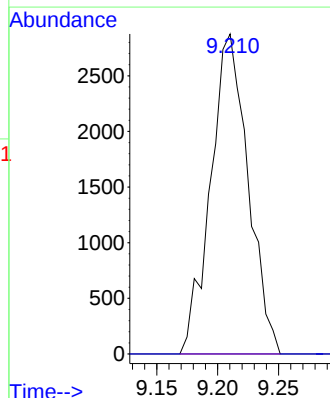
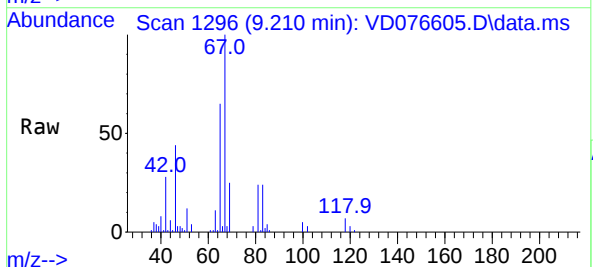
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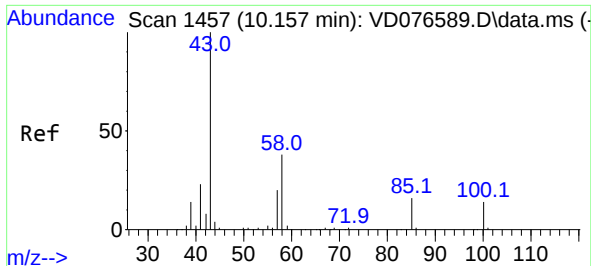
Tgt Ion: 63 Resp: 6175

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#

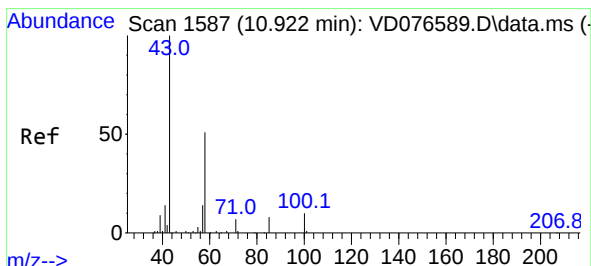
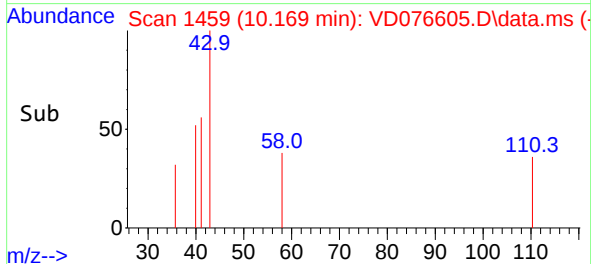
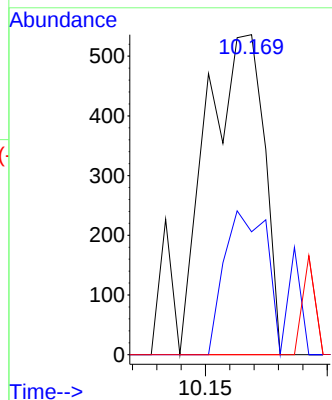
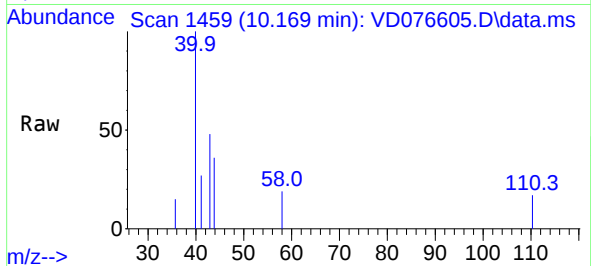




#40
4-Methyl-2-pentanone
Concen: 0.787 ug/L
RT: 10.169 min Scan# 1457
Delta R.T. 0.012 min
Lab File: VD076605.D
Acq: 27 Jun 2023 20:56

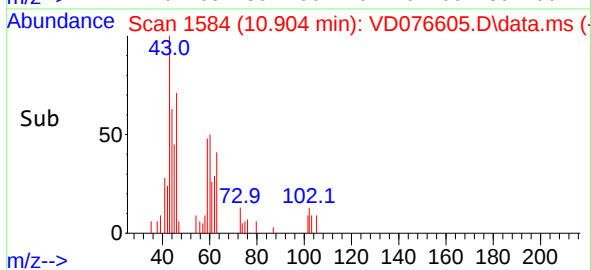
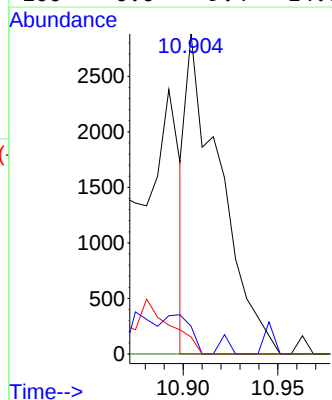
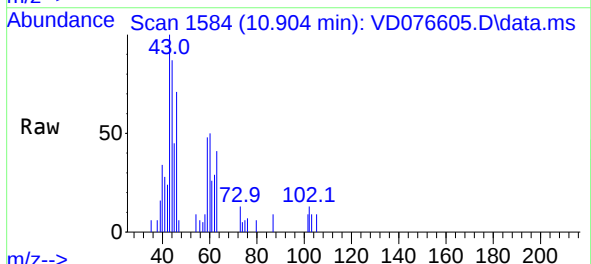
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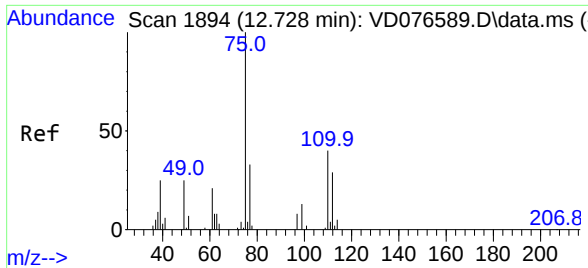
Tgt Ion: 43 Resp: 873
Ion Ratio Lower Upper
43 100
58 33.4 30.7 46.1
100 0.0 11.0 16.4#



#48
2-Hexanone
Concen: 4.708 ug/L
RT: 10.904 min Scan# 1584
Delta R.T. -0.018 min
Lab File: VD076605.D
Acq: 27 Jun 2023 20:56

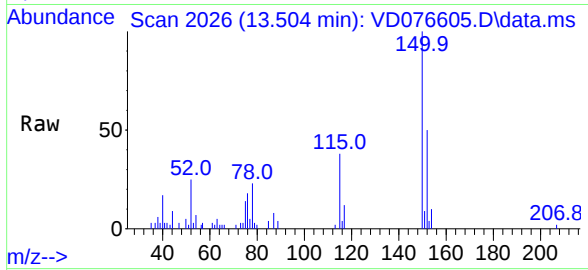
Tgt Ion: 43 Resp: 3578
Ion Ratio Lower Upper
43 100
58 9.4 42.9 64.3#
57 0.0 13.7 20.5#
100 0.0 9.4 14.0#





#61
 1,2,3-Trichloropropane
 Concen: 2.274 ug/L
 RT: 13.504 min Scan# 20
 Delta R.T. 0.776 min
 Lab File: VD076605.D
 Acq: 27 Jun 2023 20:56

Instrument :
 MSVOA_D
 ClientSampleId :
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Tgt Ion: 75 Resp: 983

Ion	Ratio	Lower	Upper
75	100		
77	68.4	27.2	40.8#
110	0.0	31.8	47.6#

