

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050223\
 Data File : VD075963.D
 Acq On : 02 May 2023 14:35
 Operator : KP/SY
 Sample : 02564-03RE
 Misc : 5.61G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCE5RE

Quant Time: May 03 02:49:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 03 02:37:35 2023
 Response via : Initial Calibration

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

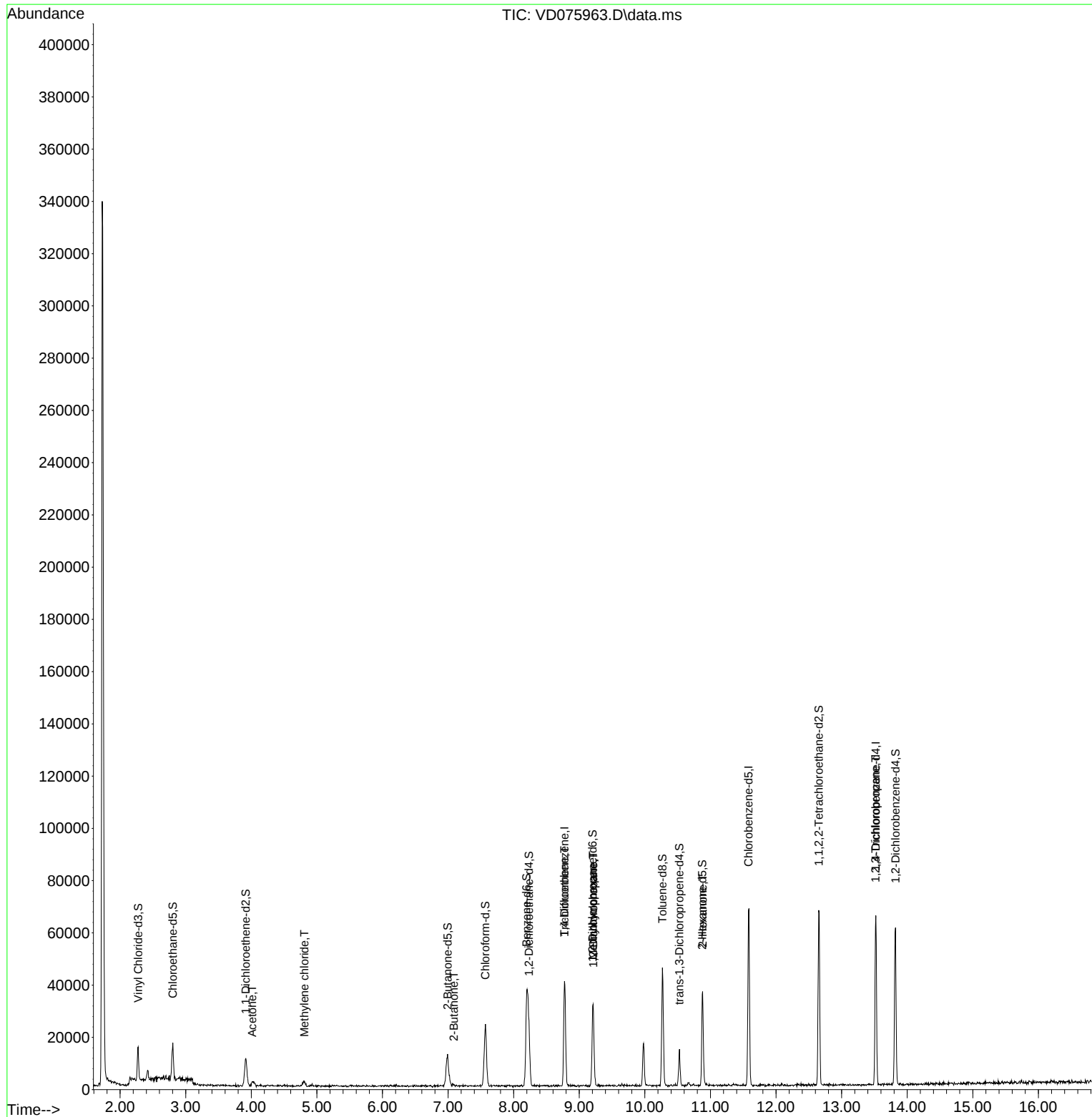
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	40713	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	45075	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	20256	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	12044	13.485	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.960%
7) Chloroethane-d5	2.805	69	14458	18.735	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.960%
11) 1,1-Dichloroethene-d2	3.916	65	2101	10.203	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	40.800%#
21) 2-Butanone-d5	6.993	46	21040	271.360	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	542.720%#
24) Chloroform-d	7.569	84	25567	25.113	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.440%
26) 1,2-Dichloroethane-d4	8.234	65	17771	40.874	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	163.480%#
32) Benzene-d6	8.198	84	42996	16.366	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	65.480%
36) 1,2-Dichloropropane-d6	9.204	67	17572	24.165	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.640%
41) Toluene-d8	10.269	98	33907	13.786	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	55.160%
43) trans-1,3-Dichloroprop...	10.528	79	7975	26.533	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.120%
47) 2-Hexanone-d5	10.875	63	12606	143.975	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	287.960%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	36837	66.200	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	264.800%#
66) 1,2-Dichlorobenzene-d4	13.822	152	18055	25.200	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
13) Acetone	4.016	43	3182	47.956	ug/L	46
16) Methylene chloride	4.810	84	582	0.705	ug/L	81
22) 2-Butanone	7.087	43	173	2.000	ug/L #	34
34) Trichloroethene	8.775	95	769	1.091	ug/L #	2
35) Methylcyclohexane	9.210	83	4323	3.977	ug/L #	23
37) 1,2-Dichloropropane	9.216	63	1887	3.013	ug/L #	85
48) 2-Hexanone	10.881	43	1325	8.231	ug/L #	69
61) 1,2,3-Trichloropropane	13.516	75	2272	7.140	ug/L #	54

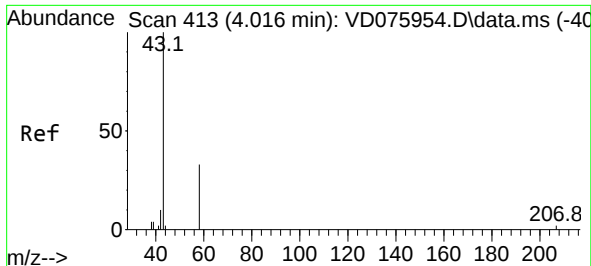
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed May 03 02:37:35 2023
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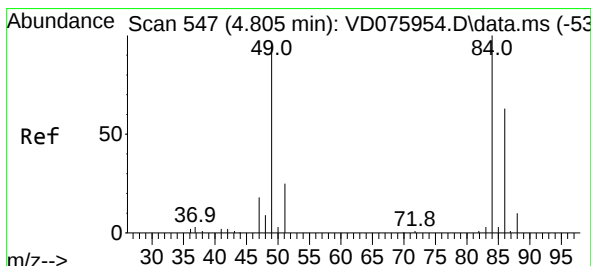
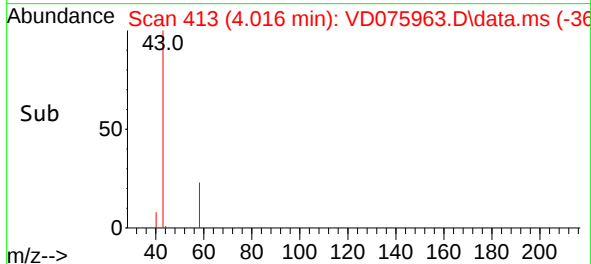
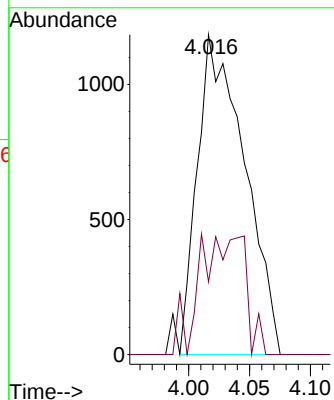
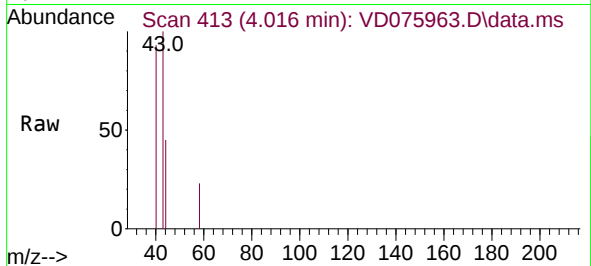




#13
Acetone
Concen: 47.956 ug/L
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD075963.D
Acq: 02 May 2023 14:35

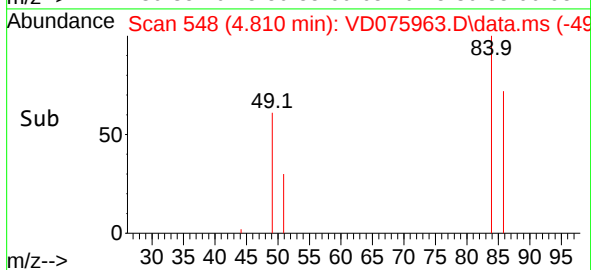
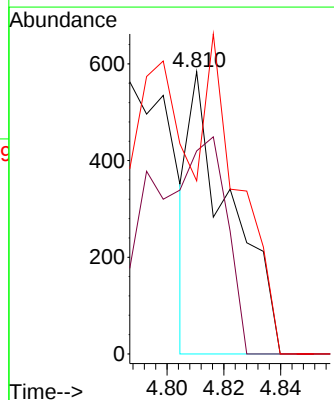
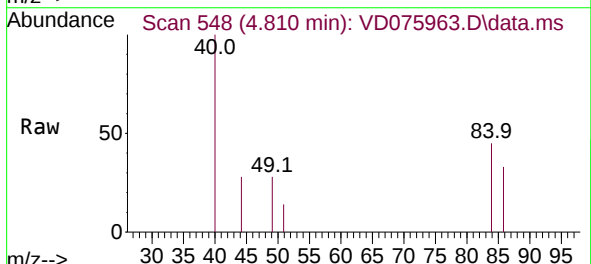
Instrument :
MSVOA_D
ClientSampleId :
DCCE5RE

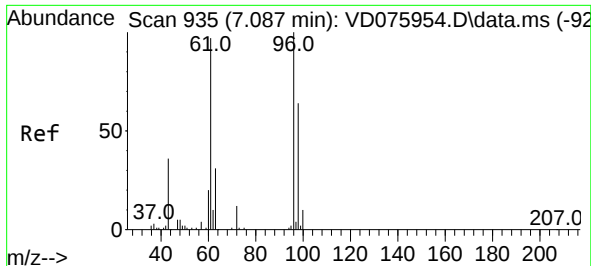
Tgt Ion: 43 Resp: 3182
Ion Ratio Lower Upper
43 100
58 8.7 0.0 87.4



#16
Methylene chloride
Concen: 0.705 ug/L
RT: 4.810 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD075963.D
Acq: 02 May 2023 14:35

Tgt Ion: 84 Resp: 582
Ion Ratio Lower Upper
84 100
86 71.9 45.8 85.2
49 61.3 60.8 112.8

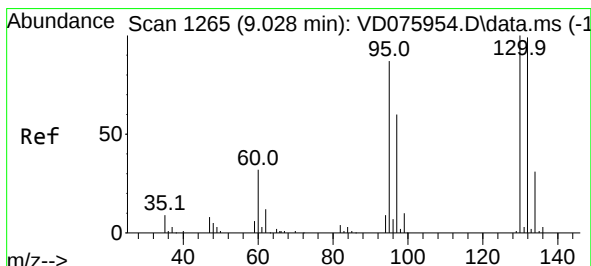
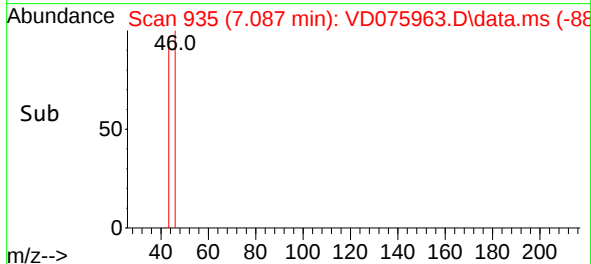
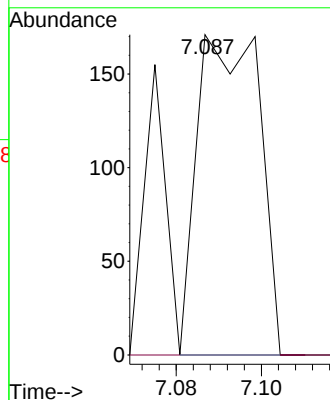
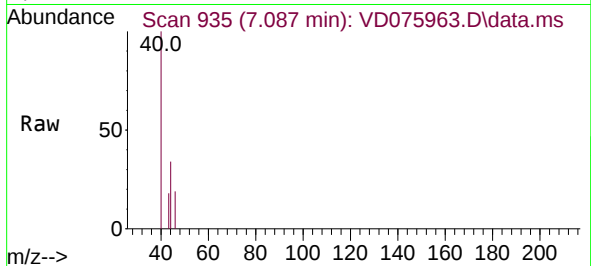




#22
2-Butanone
Concen: 2.000 ug/L
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075963.D
Acq: 02 May 2023 14:35

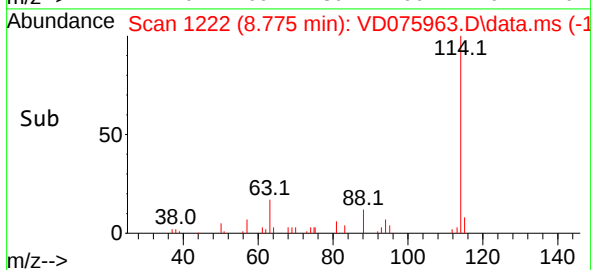
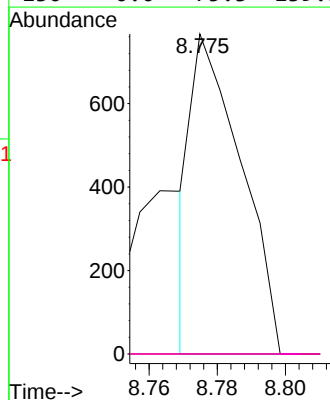
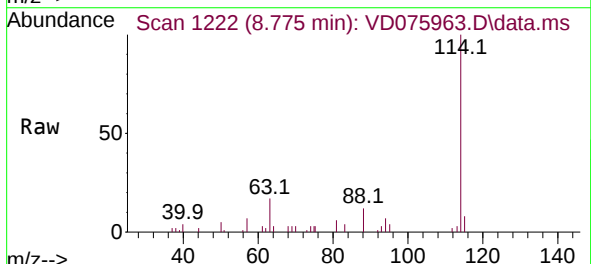
Instrument :
MSVOA_D
ClientSampleId :
DCCE5RE

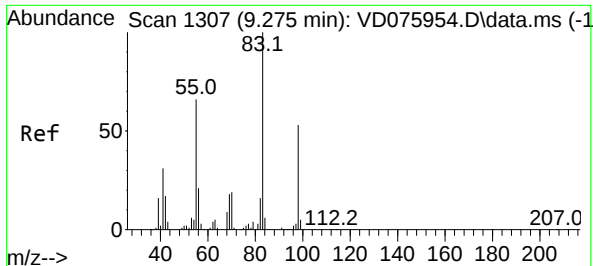
Tgt Ion: 43 Resp: 173
Ion Ratio Lower Upper
43 100
72 0.0 20.5 61.5#



#34
Trichloroethene
Concen: 1.091 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD075963.D
Acq: 02 May 2023 14:35

Tgt Ion: 95 Resp: 769
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: 3.977 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.065 min

Lab File: VD075963.D

Acq: 02 May 2023 14:35

Instrument :

MSVOA_D

ClientSampleId :

DCCE5RE

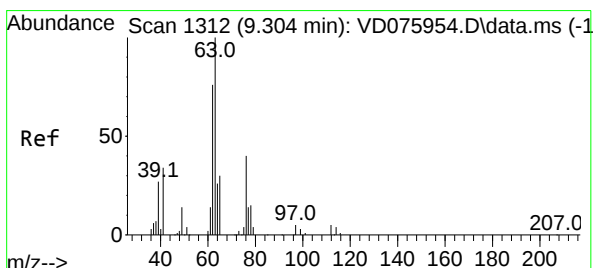
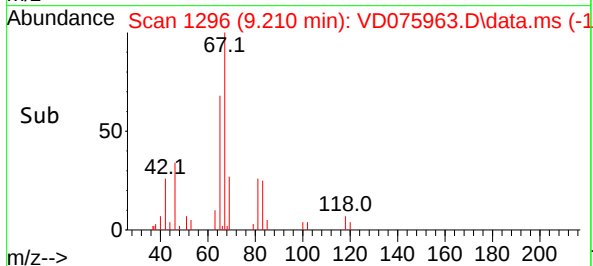
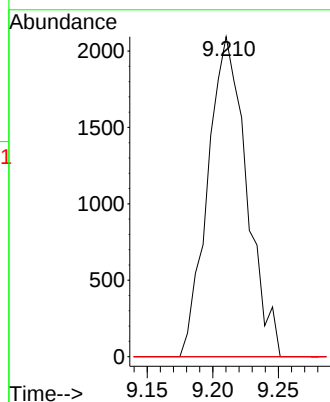
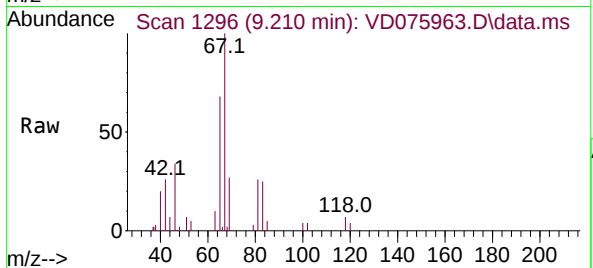
Tgt Ion: 83 Resp: 4323

Ion Ratio Lower Upper

83 100

55 0.0 48.2 72.2#

98 0.0 40.8 61.2#



#37

1,2-Dichloropropane

Concen: 3.013 ug/L

RT: 9.216 min Scan# 1297

Delta R.T. -0.088 min

Lab File: VD075963.D

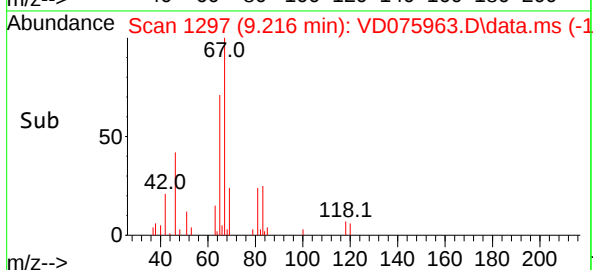
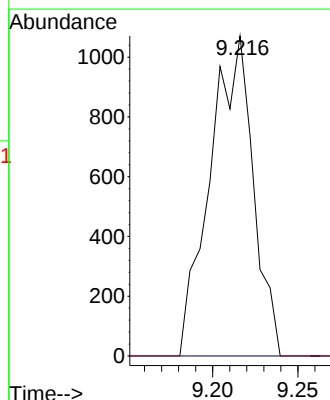
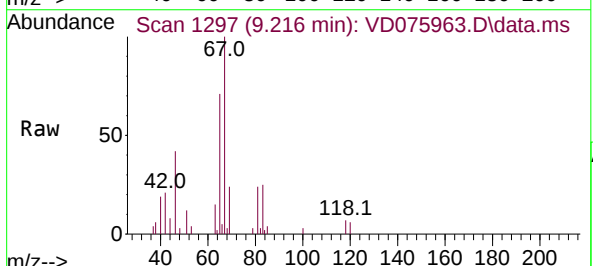
Acq: 02 May 2023 14:35

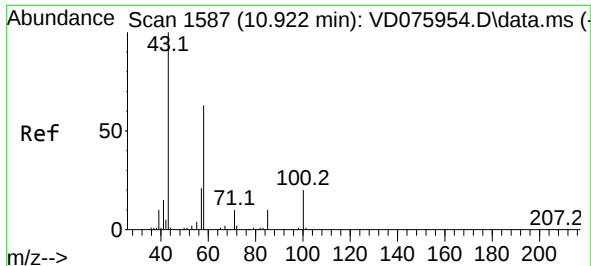
Tgt Ion: 63 Resp: 1887

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#

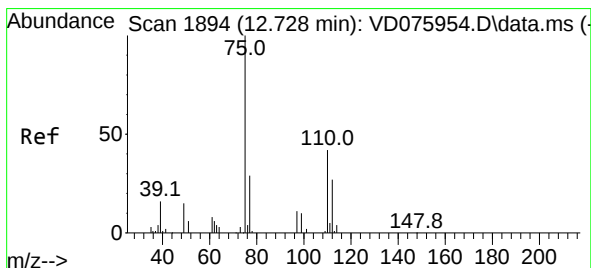
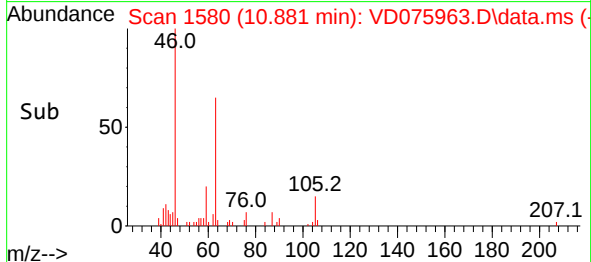
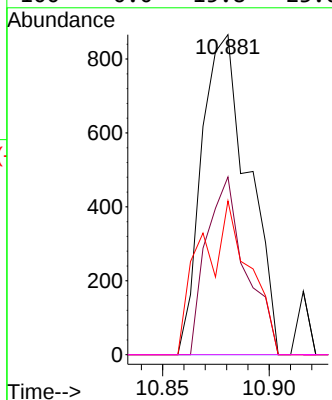
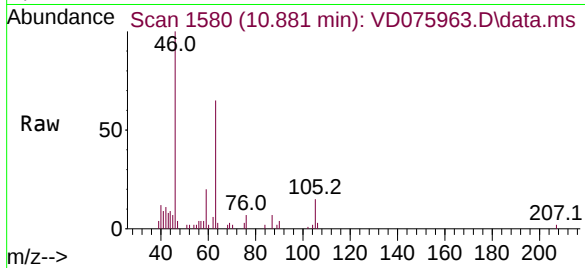




#48
2-Hexanone
Concen: 8.231 ug/L
RT: 10.881 min Scan# 11
Delta R.T. -0.041 min
Lab File: VD075963.D
Acq: 02 May 2023 14:35

Instrument :
MSVOA_D
ClientSampleId :
DCCE5RE

Tgt Ion: 43	Resp: 1325
Ion Ratio	Lower Upper
43 100	
58 46.6	59.7 89.5#
57 28.2	17.9 26.9#
100 0.0	15.8 23.6#



#61
1,2,3-Trichloropropane
Concen: 7.140 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.788 min
Lab File: VD075963.D
Acq: 02 May 2023 14:35

Tgt Ion: 75	Resp: 2272
Ion Ratio	Lower Upper
75 100	
77 21.6	26.6 39.8#
110 0.0	33.5 50.3#

