

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081023\
 Data File : VD076961.D
 Acq On : 10 Aug 2023 14:38
 Operator : JC/SY
 Sample : 03965-05
 Misc : 4.4G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 11 03:05:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 11 02:51:25 2023
 Response via : Initial Calibration

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

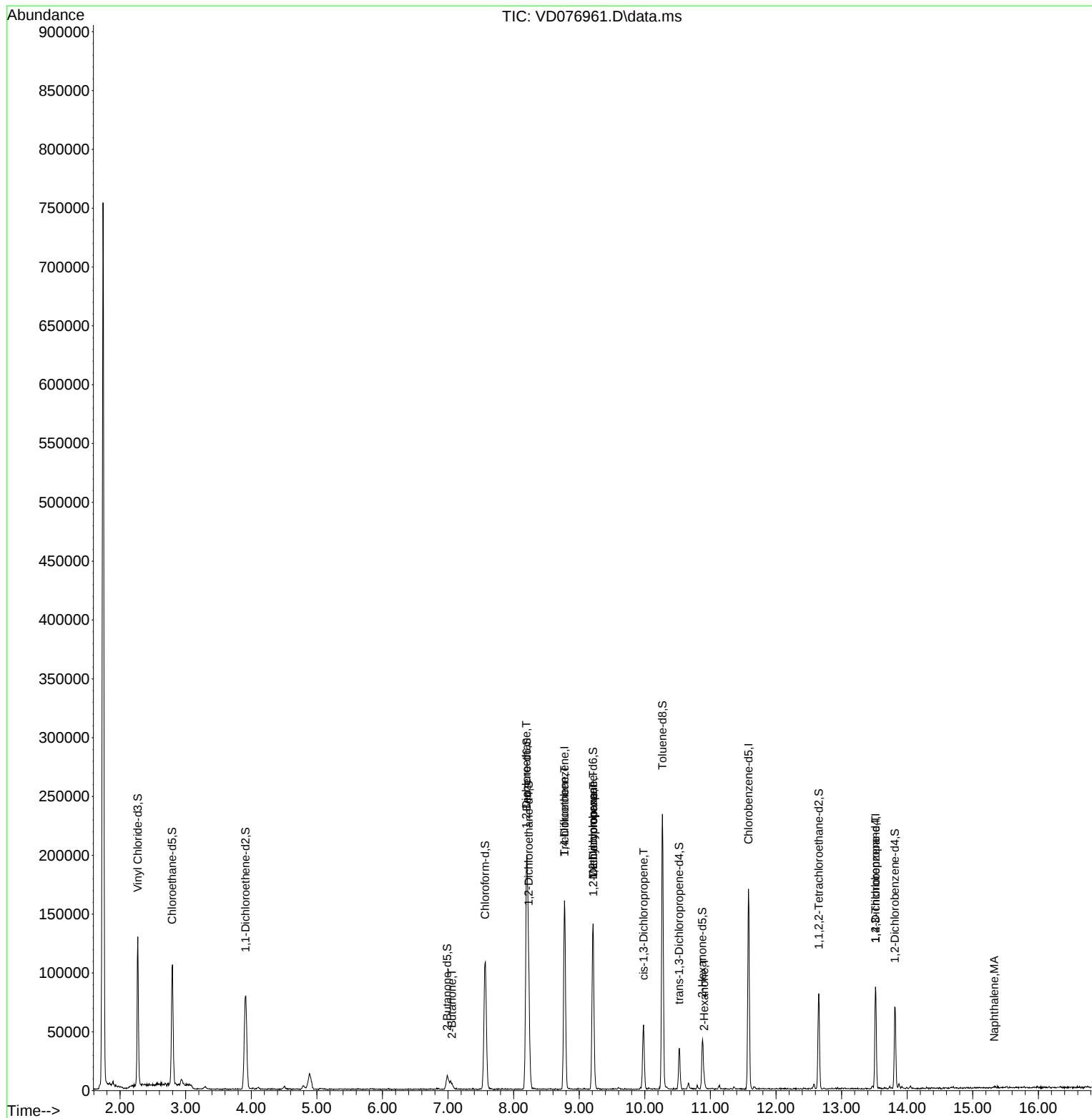
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	148214	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	99615	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	24871	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	109391	26.838	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.360%
7) Chloroethane-d5	2.793	69	106023	28.137	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.560%
11) 1,1-Dichloroethene-d2	3.911	65	23004	23.819	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.280%
21) 2-Butanone-d5	6.987	46	17301	26.438	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.880%
24) Chloroform-d	7.563	84	119578	24.776	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.120%
26) 1,2-Dichloroethane-d4	8.228	65	62689	26.056	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.240%
32) Benzene-d6	8.199	84	226234	36.122	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	144.480%#
36) 1,2-Dichloropropane-d6	9.210	67	71509	37.135	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	148.560%#
41) Toluene-d8	10.269	98	168942	29.421	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	117.680%
43) trans-1,3-Dichloroprop...	10.522	79	21384	24.563	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.240%
47) 2-Hexanone-d5	10.875	63	14617	39.738	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.480%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	42317	22.742	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.960%
66) 1,2-Dichlorobenzene-d4	13.810	152	19919	21.907	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.640%
Target Compounds						Qvalue
22) 2-Butanone	7.058	43	3688	3.939	ug/L #	49
27) 1,2-Dichloroethane	8.193	62	1192	0.421	ug/L #	71
34) Trichloroethene	8.775	95	4163	2.448	ug/L #	4
35) Methylcyclohexane	9.210	83	17977	6.483	ug/L #	19
37) 1,2-Dichloropropane	9.216	63	8002	4.824	ug/L #	88
39) cis-1,3-Dichloropropene	9.981	75	1410	0.527	ug/L #	38
48) 2-Hexanone	10.904	43	4861	6.048	ug/L #	40
61) 1,2,3-Trichloropropane	13.516	75	3164	5.451	ug/L #	65
71) Naphthalene	15.328	128	1529	0.724	ug/L #	69

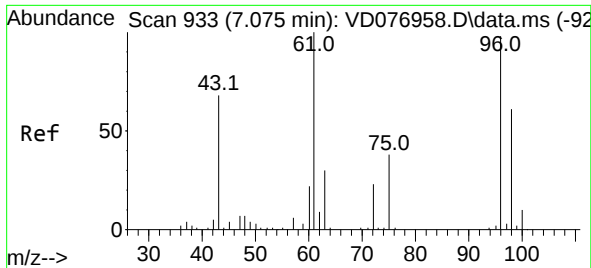
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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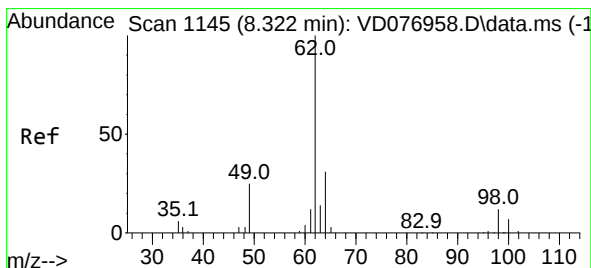
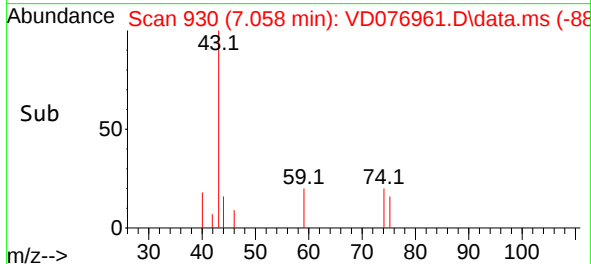
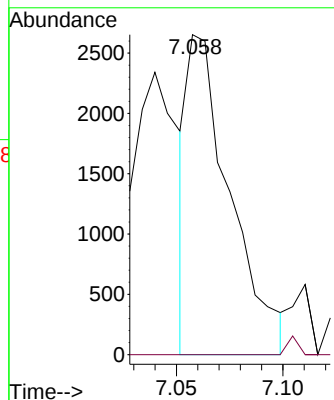
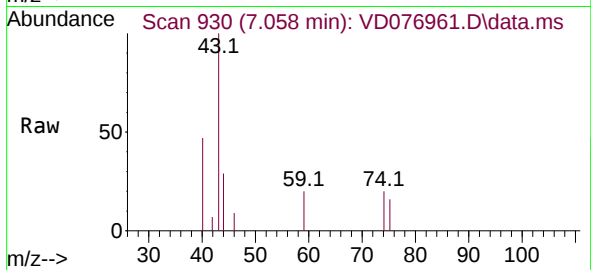




#22
2-Butanone
Concen: 3.939 ug/L
RT: 7.058 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD076961.D
Acq: 10 Aug 2023 14:38

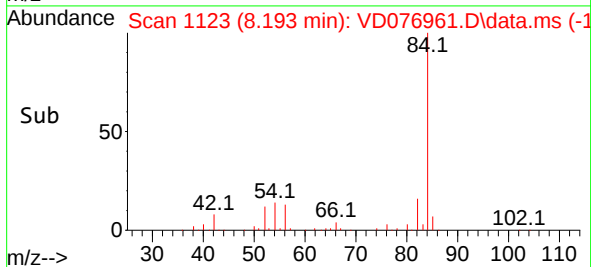
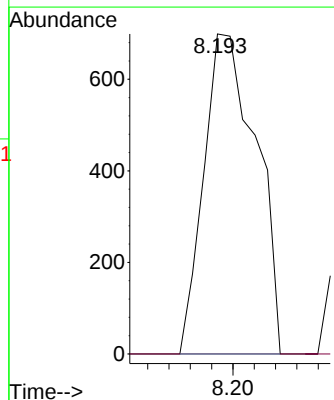
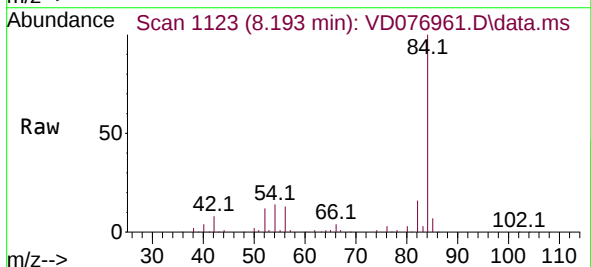
Instrument :
MSVOA_D
ClientSampleId :

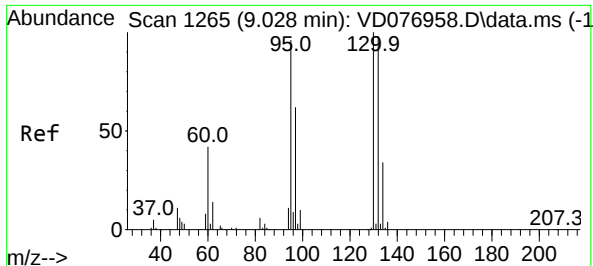
Tgt Ion: 43 Resp: 3688
Ion Ratio Lower Upper
43 100
72 0.0 12.9 38.7#



#27
1,2-Dichloroethane
Concen: 0.421 ug/L
RT: 8.193 min Scan# 1123
Delta R.T. -0.130 min
Lab File: VD076961.D
Acq: 10 Aug 2023 14:38

Tgt Ion: 62 Resp: 1192
Ion Ratio Lower Upper
62 100
98 0.0 8.7 13.1#





#34

Trichloroethene

Concen: 2.448 ug/L

RT: 8.775 min Scan# 11

Delta R.T. -0.253 min

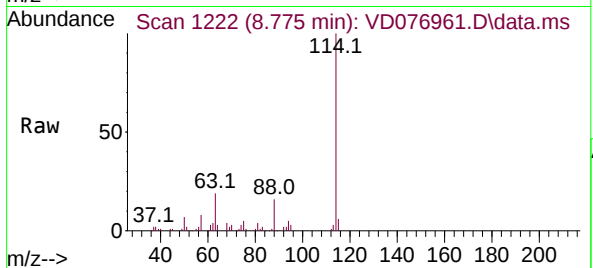
Lab File: VD076961.D

Acq: 10 Aug 2023 14:38

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 4163

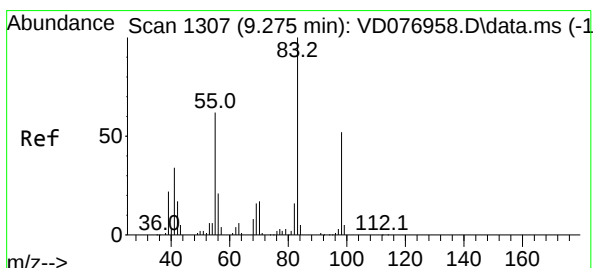
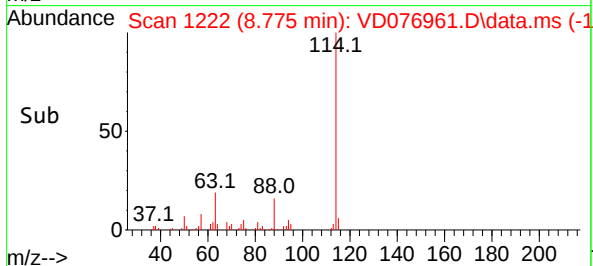
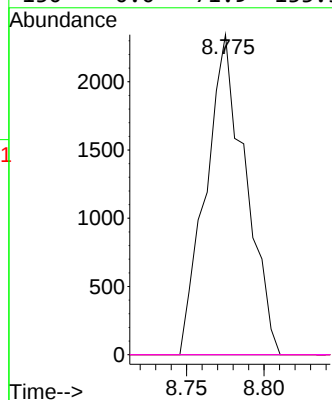
Ion Ratio Lower Upper

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: 6.483 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.065 min

Lab File: VD076961.D

Acq: 10 Aug 2023 14:38

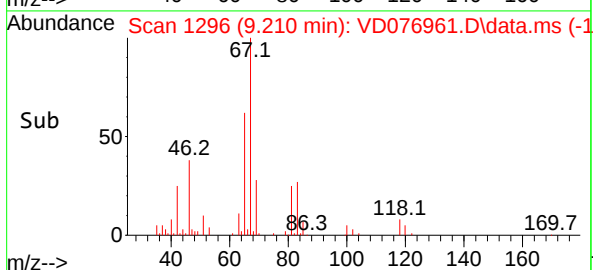
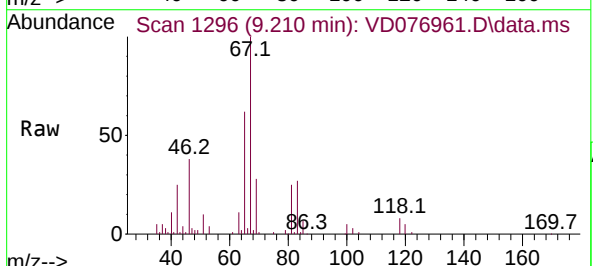
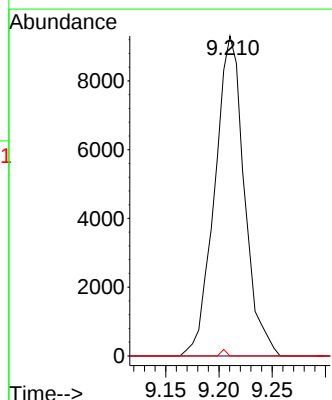
Tgt Ion: 83 Resp: 17977

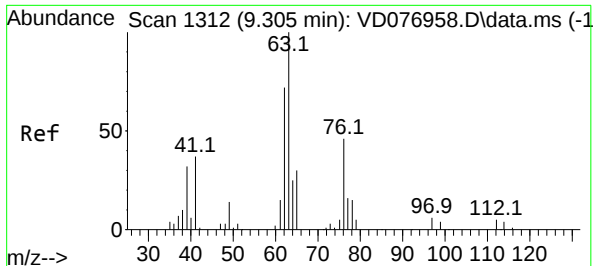
Ion Ratio Lower Upper

83 100

55 0.0 59.8 89.6#

98 0.0 37.8 56.6#

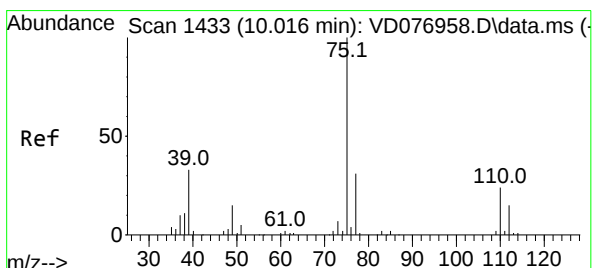
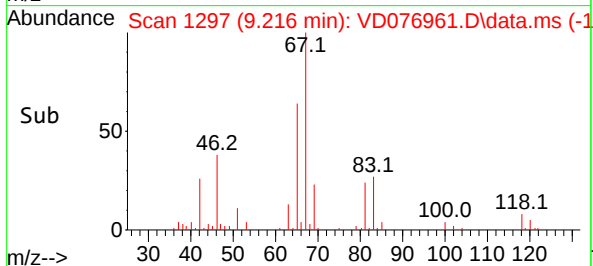
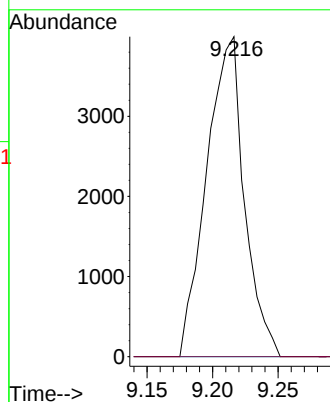
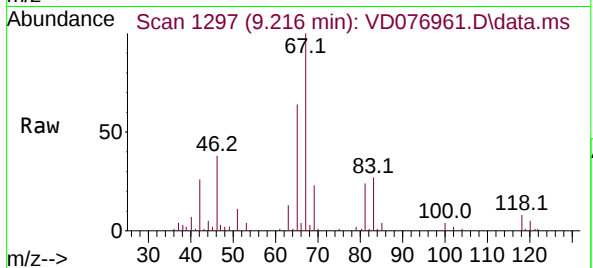




#37
1,2-Dichloropropane
Concen: 4.824 ug/L
RT: 9.216 min Scan# 11
Delta R.T. -0.088 min
Lab File: VD076961.D
Acq: 10 Aug 2023 14:38

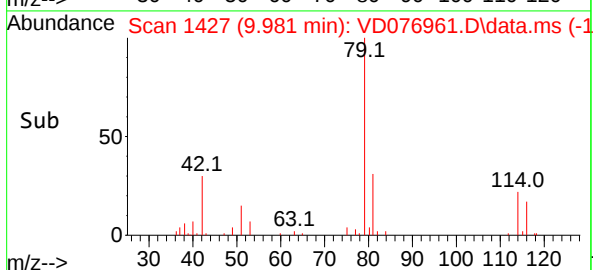
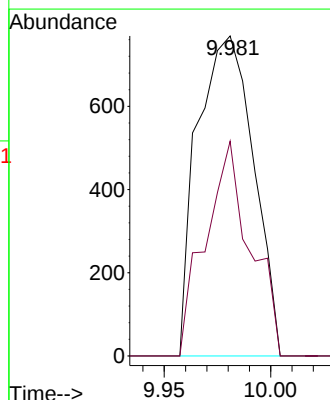
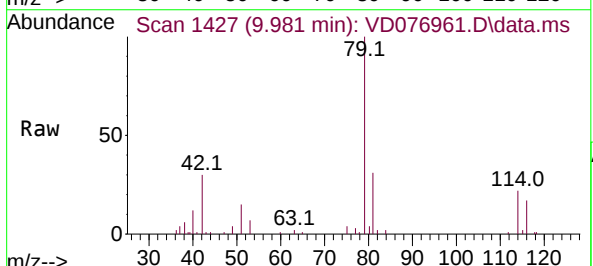
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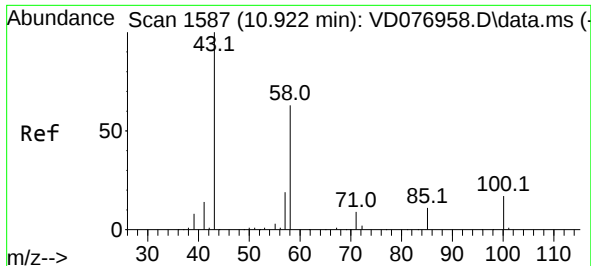
Tgt Ion: 63 Resp: 8002
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#39
cis-1,3-Dichloropropene
Concen: 0.527 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD076961.D
Acq: 10 Aug 2023 14:38

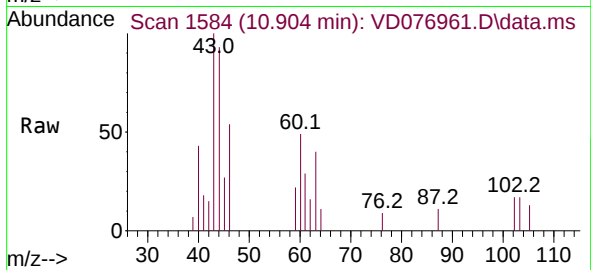
Tgt Ion: 75 Resp: 1410
Ion Ratio Lower Upper
75 100
77 67.1 22.7 42.3#



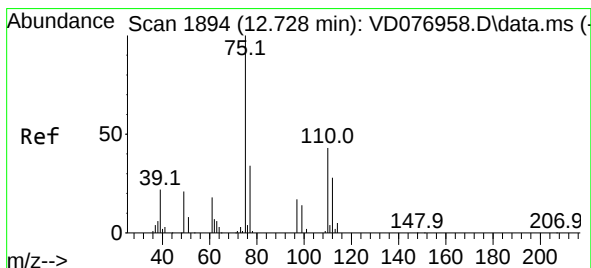
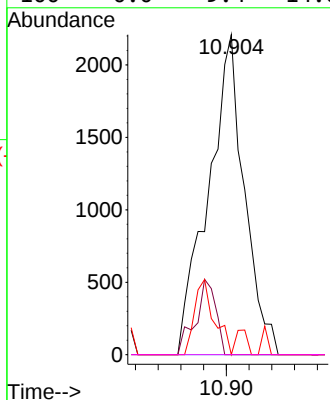
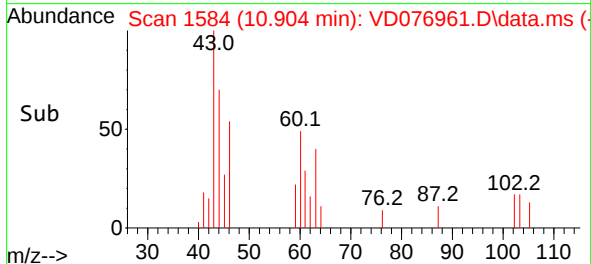


#48
2-Hexanone
Concen: 6.048 ug/L
RT: 10.904 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD076961.D
Acq: 10 Aug 2023 14:38

Instrument :
MSVOA_D
ClientSampleId :

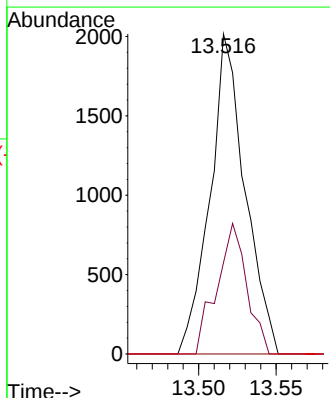
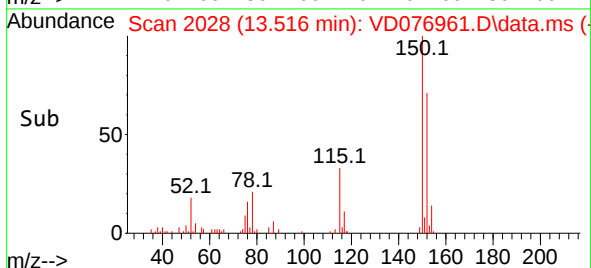
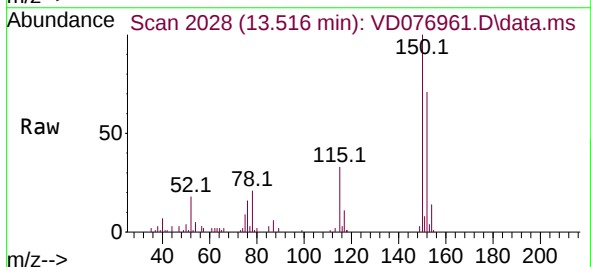


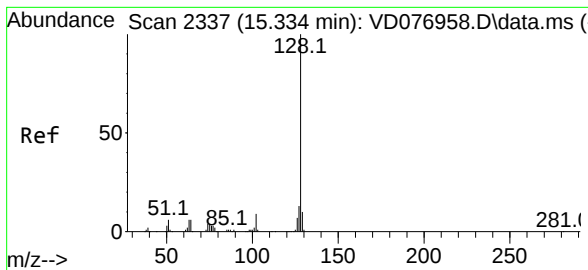
Tgt Ion: 43	Resp: 4861
Ion Ratio	Lower Upper
43 100	
58 0.0	42.9 64.3#
57 2.4	13.7 20.5#
100 0.0	9.4 14.0#



#61
1,2,3-Trichloropropane
Concen: 5.451 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.788 min
Lab File: VD076961.D
Acq: 10 Aug 2023 14:38

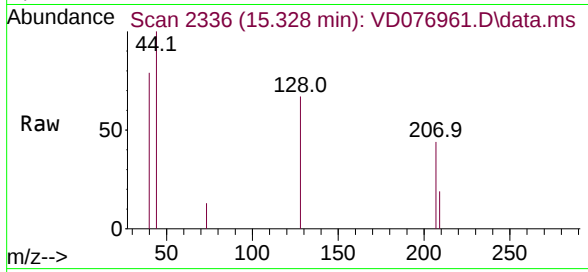
Tgt Ion: 75	Resp: 3164		
Ion Ratio	Lower	Upper	
75 100			
77 34.9	27.2	40.8	
110 0.0	31.8	47.6#	





#71
Naphthalene
Concen: 0.724 ug/L
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD076961.D
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Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	128	Resp:	1529
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.8	16.2#
129	0.0	8.6	12.8#

