

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081023\
 Data File : VD076960.D
 Acq On : 10 Aug 2023 14:11
 Operator : JC/SY
 Sample : 03965-01
 Misc : 4.94G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 11 03:04:55 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)

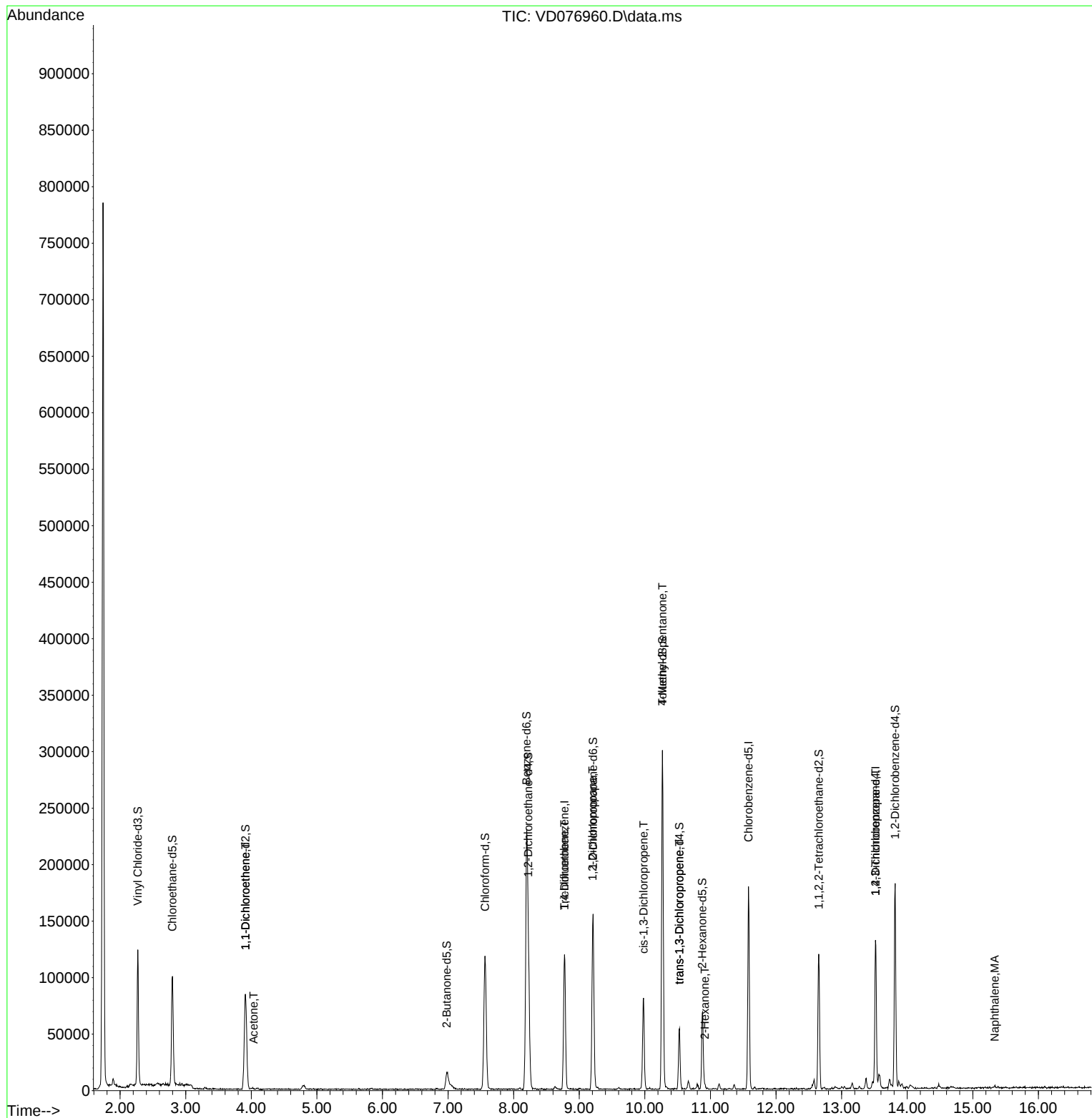
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	112157	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	105273	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	36800	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	107074	34.715	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 138.840%			
7) Chloroethane-d5	2.799	69	102400	35.912	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 143.640%			
11) 1,1-Dichloroethene-d2	3.911	65	23786	32.546	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 130.200%#			
21) 2-Butanone-d5	6.981	46	25495	51.484	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.960%			
24) Chloroform-d	7.563	84	125432	34.344	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 137.360%			
26) 1,2-Dichloroethane-d4	8.222	65	68683	37.725	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 150.920%#			
32) Benzene-d6	8.199	84	251827	38.047	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 152.200%#			
36) 1,2-Dichloropropane-d6	9.210	67	78596	38.622	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 154.480%#			
41) Toluene-d8	10.269	98	211352	34.829	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 139.320%#			
43) trans-1,3-Dichloroprop...	10.528	79	31998	34.779	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 139.120%#			
47) 2-Hexanone-d5	10.875	63	24857	63.945	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 127.880%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	64231	32.664	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 130.640%#			
66) 1,2-Dichlorobenzene-d4	13.816	152	47737	35.482	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 141.920%#			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.911	96	637	0.386	ug/L #	1
13) Acetone	4.034	43	953	1.882	ug/L	54
34) Trichloroethene	8.775	95	2919	1.624	ug/L #	4
37) 1,2-Dichloropropane	9.204	63	8314	4.743	ug/L #	88
39) cis-1,3-Dichloropropene	9.981	75	2241	0.792	ug/L #	42
40) 4-Methyl-2-pentanone	10.269	43	880	0.797	ug/L #	1
44) trans-1,3-Dichloropropene	10.528	75	1725	0.698	ug/L #	73
48) 2-Hexanone	10.916	43	1016	1.196	ug/L #	44
61) 1,2,3-Trichloropropane	13.516	75	4624	5.384	ug/L #	66
71) Naphthalene	15.333	128	1956	0.626	ug/L #	69

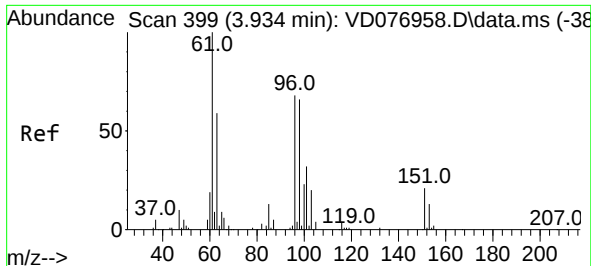
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 11 02:51:25 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.386 ug/L

RT: 3.911 min Scan# 399

Delta R.T. -0.024 min

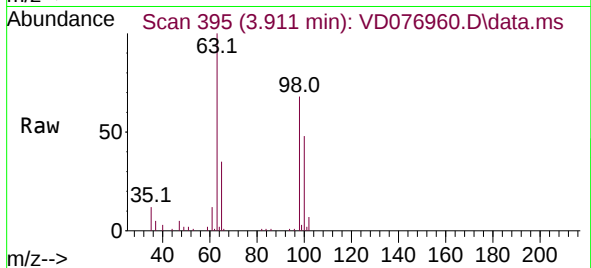
Lab File: VD076960.D

Acq: 10 Aug 2023 14:11

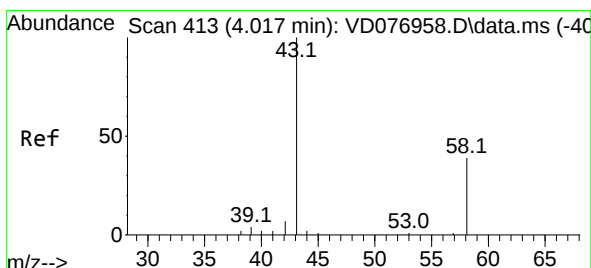
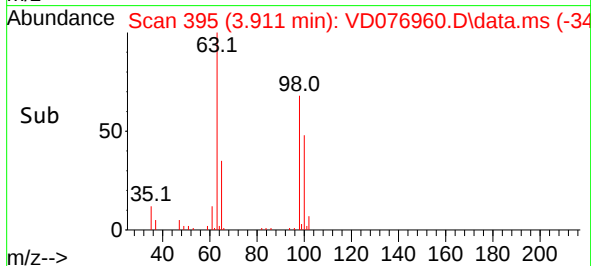
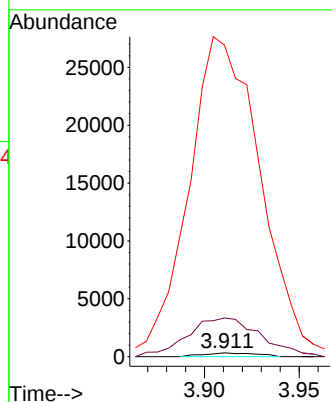
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	96	Resp:	637
Ion Ratio	Lower	Upper	
96	100		
61	1021.6	113.0	209.8#
63	8209.8	83.6	155.2#



#13

Acetone

Concen: 1.882 ug/L

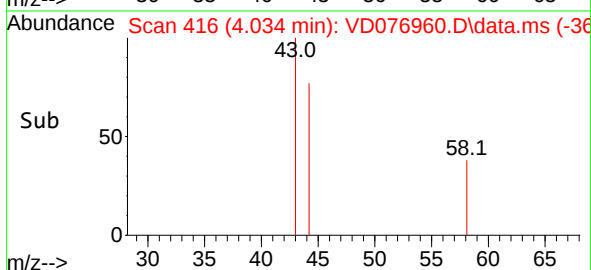
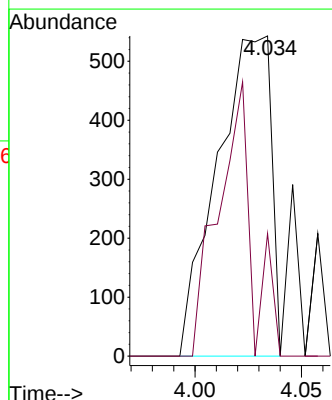
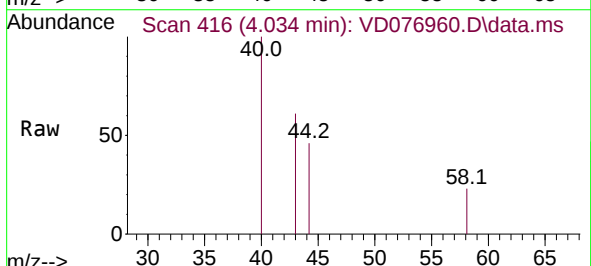
RT: 4.034 min Scan# 416

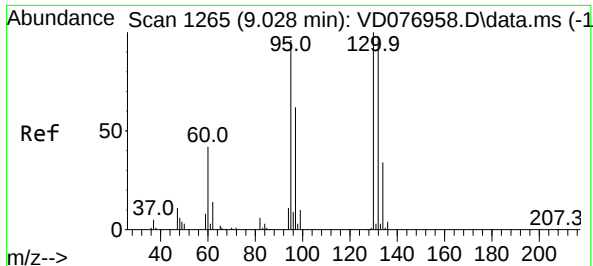
Delta R.T. 0.017 min

Lab File: VD076960.D

Acq: 10 Aug 2023 14:11

Tgt Ion:	43	Resp:	953
Ion Ratio	Lower	Upper	
43	100		
58	7.7	0.0	67.4





#34

Trichloroethene

Concen: 1.624 ug/L

RT: 8.775 min Scan# 1295

Delta R.T. -0.253 min

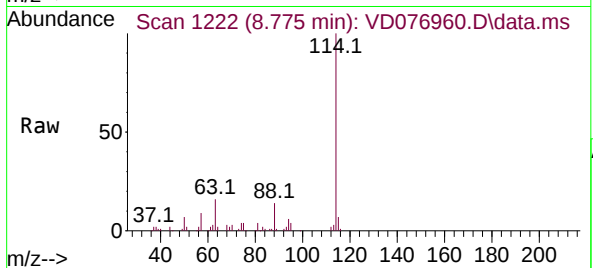
Lab File: VD076960.D

Acq: 10 Aug 2023 14:11

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 2919

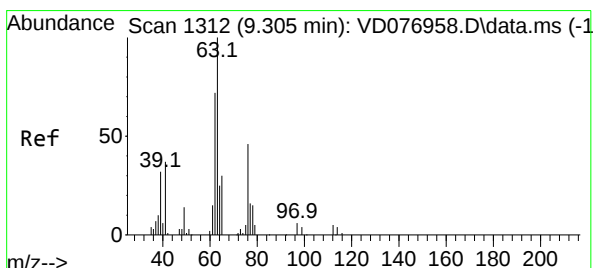
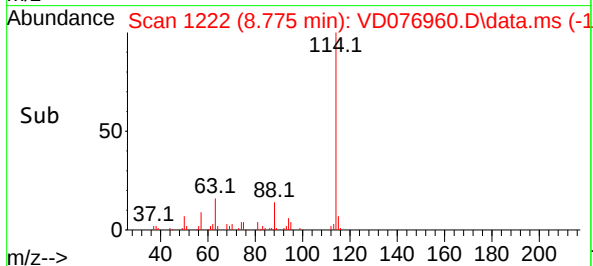
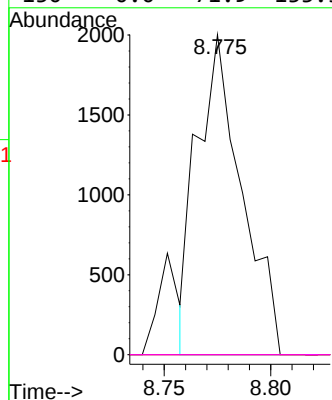
Ion Ratio Lower Upper

95 100

97 0.0 43.1 80.1#

132 0.0 71.8 133.4#

130 0.0 71.9 133.5#



#37

1,2-Dichloropropane

Concen: 4.743 ug/L

RT: 9.204 min Scan# 1295

Delta R.T. -0.100 min

Lab File: VD076960.D

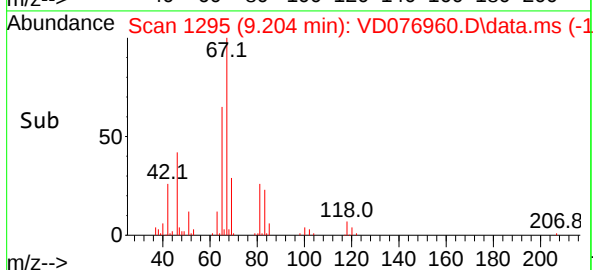
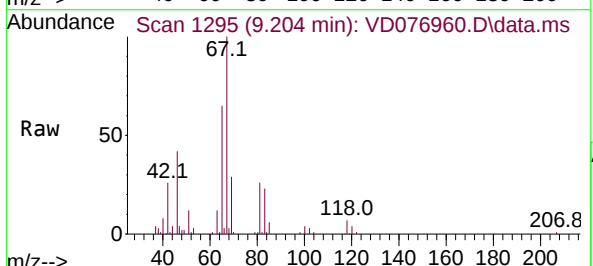
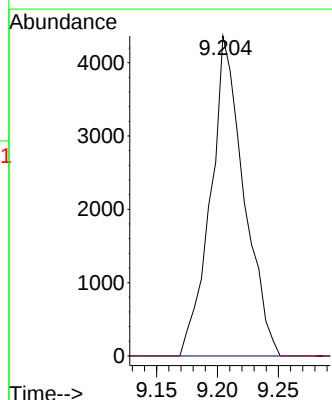
Acq: 10 Aug 2023 14:11

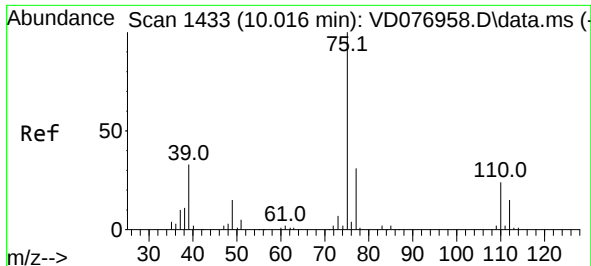
Tgt Ion: 63 Resp: 8314

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.792 ug/L

RT: 9.981 min Scan# 1433

Delta R.T. -0.035 min

Lab File: VD076960.D

Acq: 10 Aug 2023 14:11

Instrument :

MSVOA_D

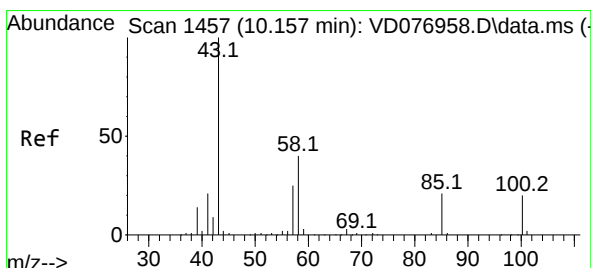
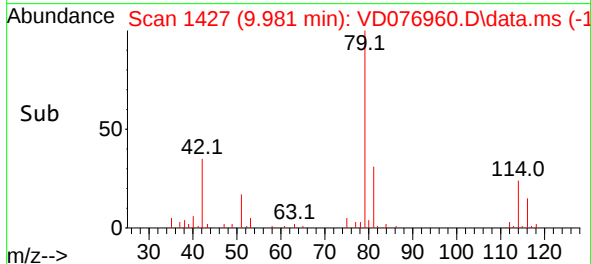
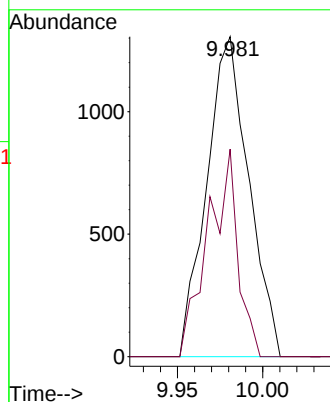
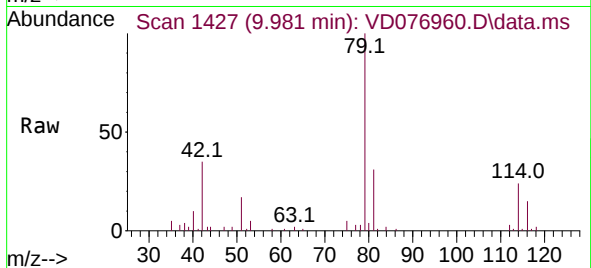
ClientSampleId :

Tgt Ion: 75 Resp: 2241

Ion Ratio Lower Upper

75 100

77 64.9 22.7 42.3#



#40

4-Methyl-2-pentanone

Concen: 0.797 ug/L

RT: 10.269 min Scan# 1476

Delta R.T. 0.112 min

Lab File: VD076960.D

Acq: 10 Aug 2023 14:11

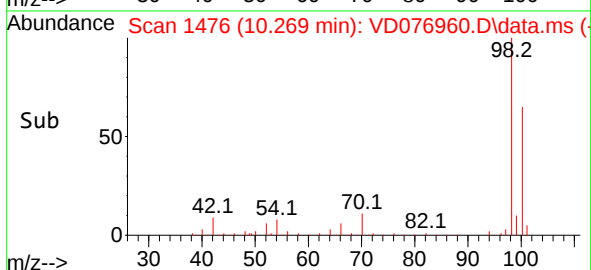
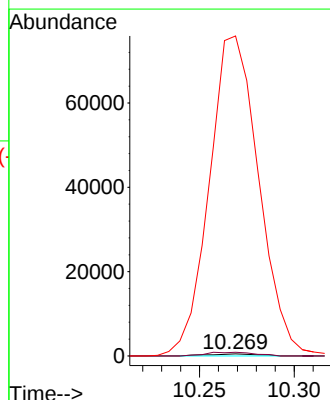
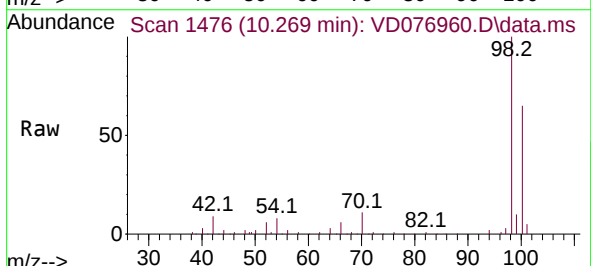
Tgt Ion: 43 Resp: 880

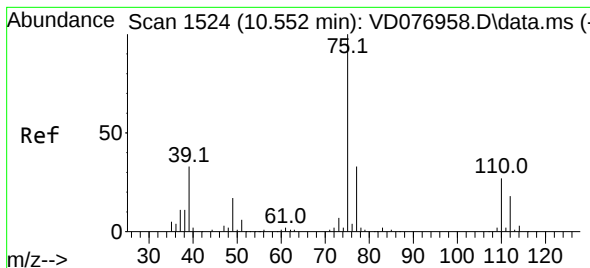
Ion Ratio Lower Upper

43 100

58 86.3 30.7 46.1#

100 15768.2 11.0 16.4#

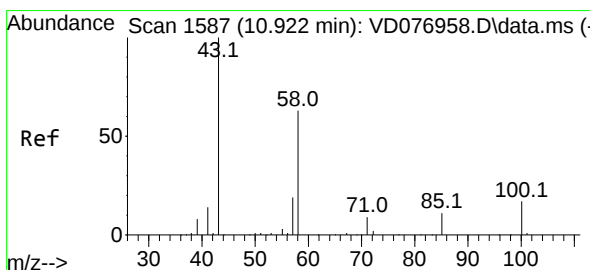
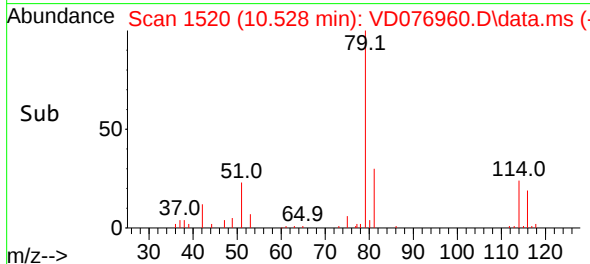
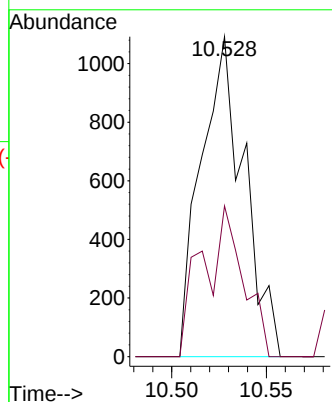
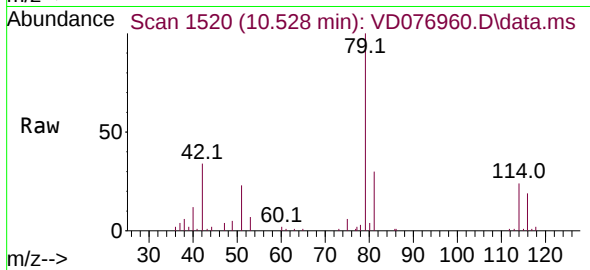




#44
trans-1,3-Dichloropropene
Concen: 0.698 ug/L
RT: 10.528 min Scan# 11
Delta R.T. -0.024 min
Lab File: VD076960.D
Acq: 10 Aug 2023 14:11

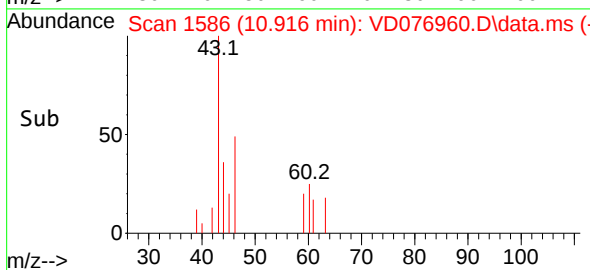
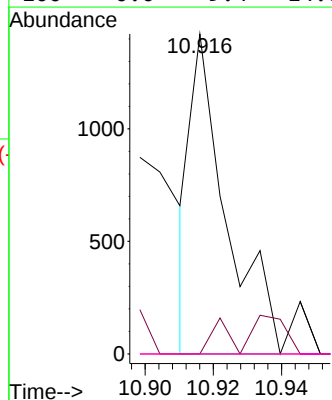
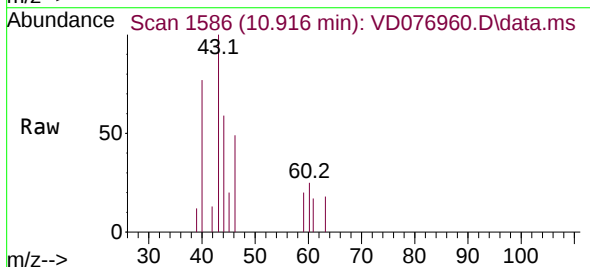
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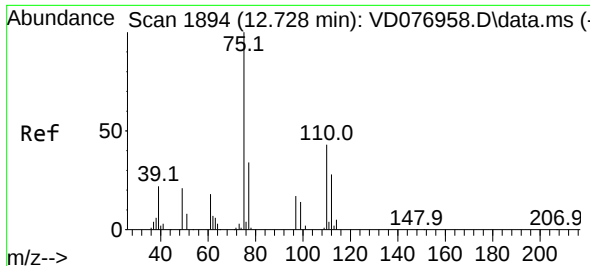
Tgt Ion: 75 Resp: 1725
Ion Ratio Lower Upper
75 100
77 47.1 22.5 41.7#



#48
2-Hexanone
Concen: 1.196 ug/L
RT: 10.916 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VD076960.D
Acq: 10 Aug 2023 14:11

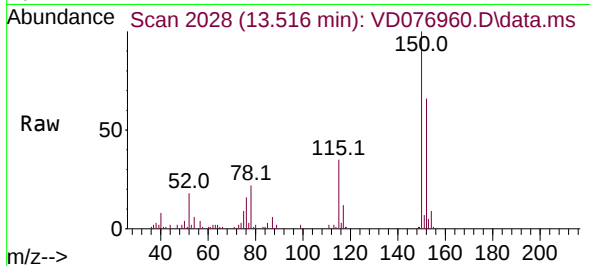
Tgt Ion: 43 Resp: 1016
Ion Ratio Lower Upper
43 100
58 5.5 42.9 64.3#
57 0.0 13.7 20.5#
100 0.0 9.4 14.0#



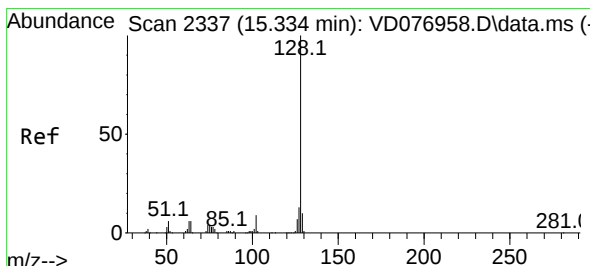
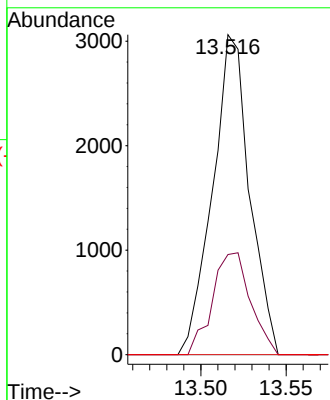
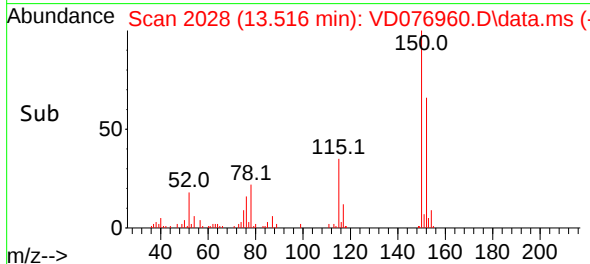


#61
1,2,3-Trichloropropane
Concen: 5.384 ug/L
RT: 13.516 min Scan# 20
Delta R.T. 0.788 min
Lab File: VD076960.D
Acq: 10 Aug 2023 14:11

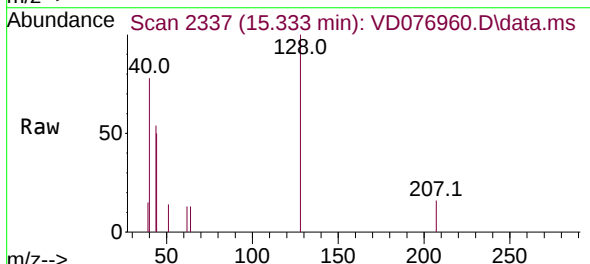
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 4624
Ion Ratio Lower Upper
75 100
77 32.8 27.2 40.8
110 1.8 31.8 47.6#



#71
Naphthalene
Concen: 0.626 ug/L
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD076960.D
Acq: 10 Aug 2023 14:11



Tgt Ion: 128 Resp: 1956
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 12.8#

