

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091724\
 Data File : VD079852.D
 Acq On : 17 Sep 2024 15:40
 Operator : RP/MD
 Sample : P4083-01
 Misc : 5.27G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 18 04:51:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 18 04:50:50 2024
 Response via : Initial Calibration

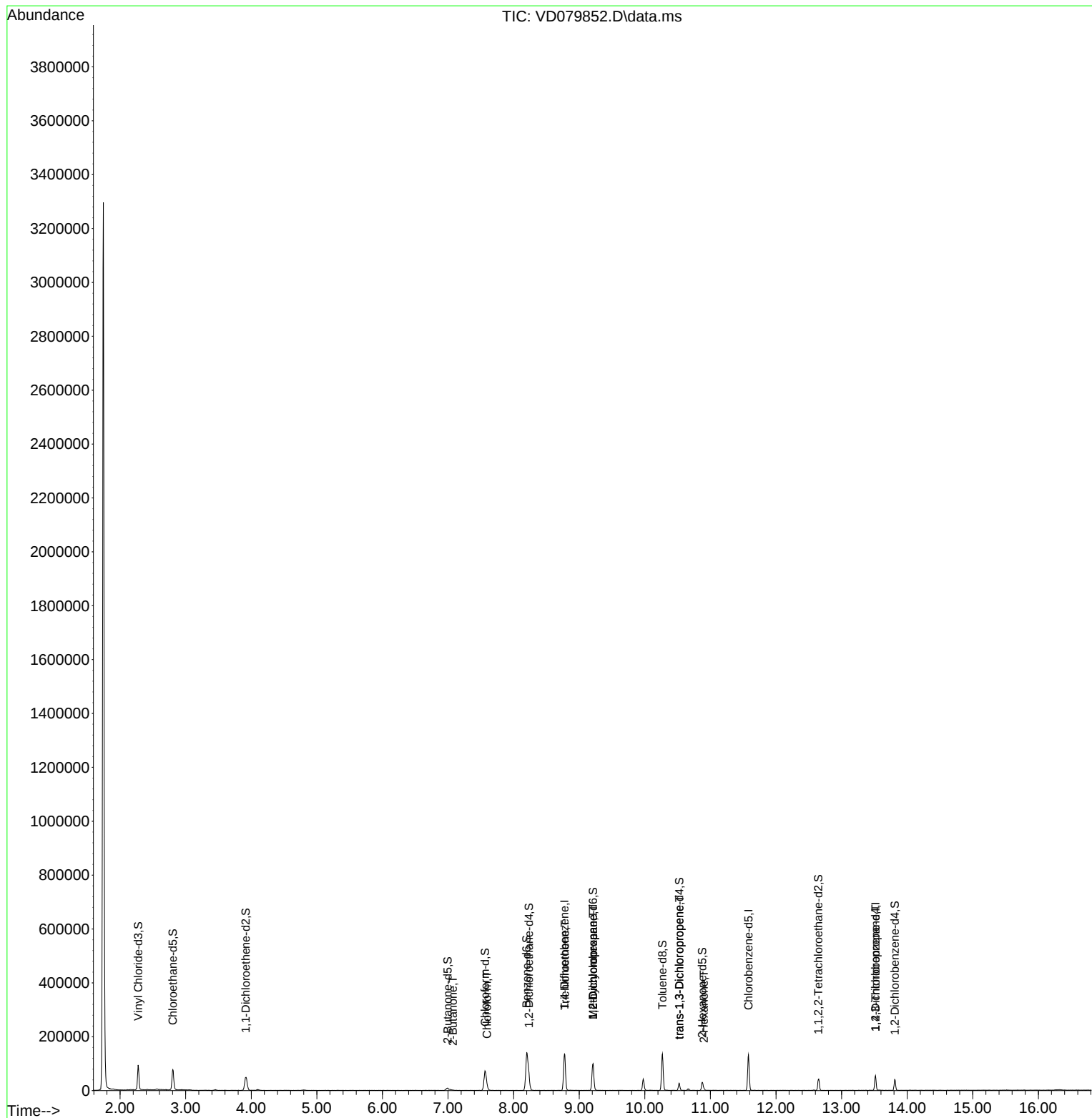
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	118898	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	73365	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	14442	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	85372	16.513	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.040%
7) Chloroethane-d5	2.805	69	80128	19.575	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.320%
11) 1,1-Dichloroethene-d2	3.917	65	14530	15.479	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.920%
21) 2-Butanone-d5	6.993	46	14436	30.052	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.100%
24) Chloroform-d	7.563	84	73593	18.830	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.320%
26) 1,2-Dichloroethane-d4	8.234	65	43410	21.240	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.960%
32) Benzene-d6	8.199	84	143011	27.611	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.440%
36) 1,2-Dichloropropane-d6	9.210	67	50209	31.651	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.600%#
41) Toluene-d8	10.269	98	95504	20.954	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	10.528	79	14985	21.972	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.880%
47) 2-Hexanone-d5	10.875	63	10298	39.823	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.640%
56) 1,1,2,2-Tetrachloroeth...	12.646	84	23508	20.167	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.680%
66) 1,2-Dichlorobenzene-d4	13.810	152	9599	17.625	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.480%#
Target Compounds						
					Qvalue	
22) 2-Butanone	7.075	43	648	0.943	ug/L #	49
25) Chloroform	7.593	83	9092	2.284	ug/L	86
34) Trichloroethene	8.781	95	3446	2.730	ug/L #	8
35) Methylcyclohexane	9.210	83	11598	5.694	ug/L #	19
37) 1,2-Dichloropropane	9.210	63	5369	3.604	ug/L #	100
44) trans-1,3-Dichloropropene	10.528	75	1046	0.567	ug/L	95
48) 2-Hexanone	10.899	43	2270	3.578	ug/L #	58
61) 1,2,3-Trichloropropane	13.516	75	1765	4.972	ug/L #	62

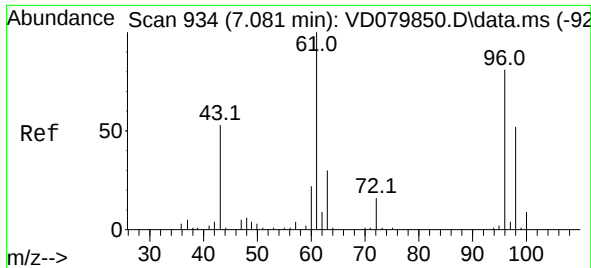
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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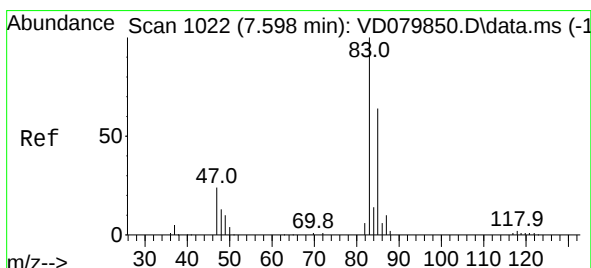
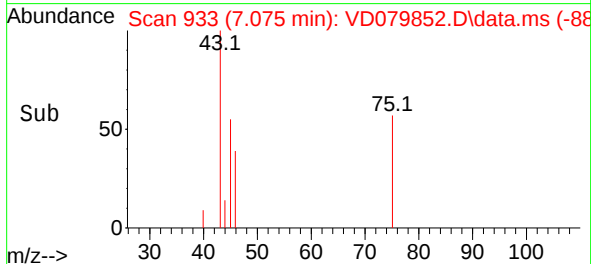
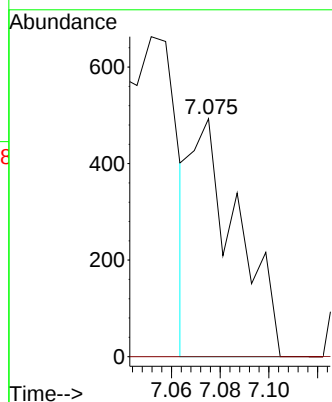
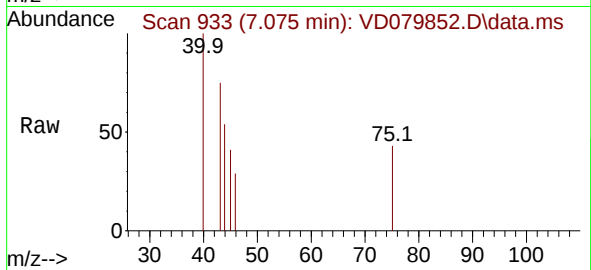




#22
2-Butanone
Concen: 0.943 ug/L
RT: 7.075 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD079852.D
Acq: 17 Sep 2024 15:40

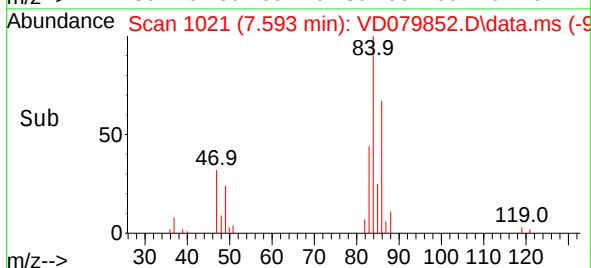
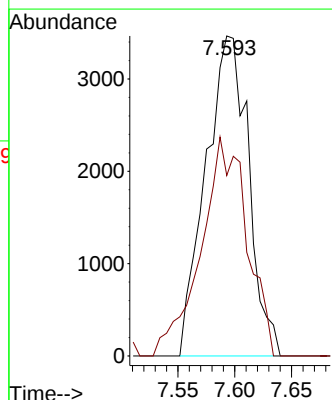
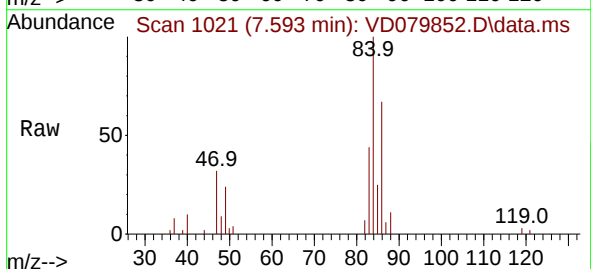
Instrument :
MSVOA_D
ClientSampleId :

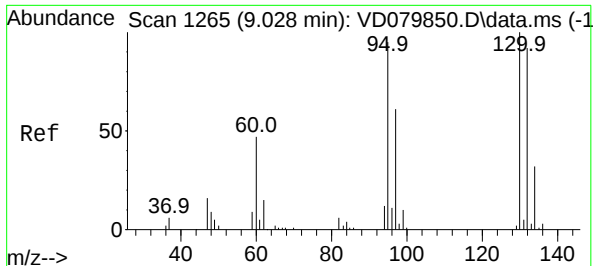
Tgt Ion: 43 Resp: 648
Ion Ratio Lower Upper
43 100
72 0.0 13.1 39.3#



#25
Chloroform
Concen: 2.284 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.005 min
Lab File: VD079852.D
Acq: 17 Sep 2024 15:40

Tgt Ion: 83 Resp: 9092
Ion Ratio Lower Upper
83 100
85 56.4 47.3 87.9





#34

Trichloroethene

Concen: 2.730 ug/L

RT: 8.781 min Scan# 1296

Delta R.T. -0.247 min

Lab File: VD079852.D

Acq: 17 Sep 2024 15:40

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 3446

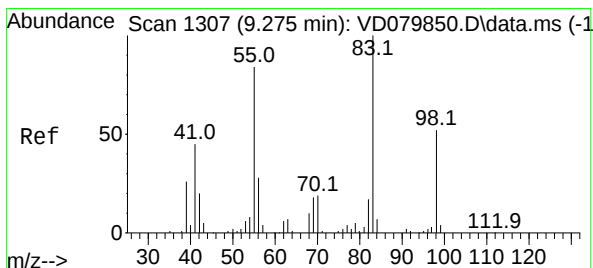
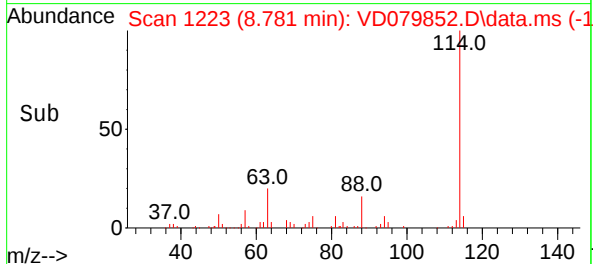
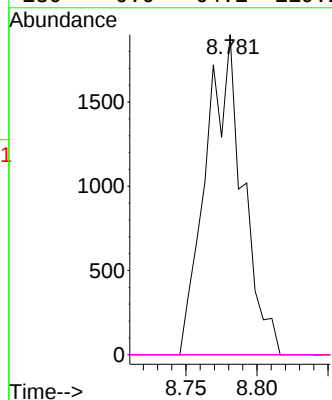
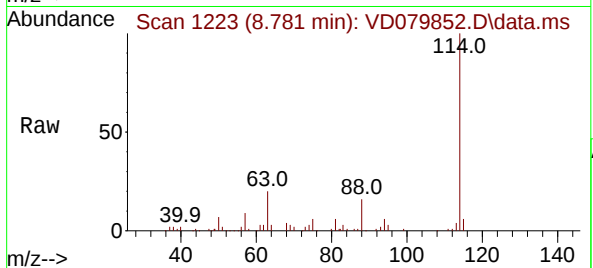
Ion Ratio Lower Upper

95 100

97 0.0 43.5 80.7#

132 0.0 64.5 119.7#

130 0.0 64.1 119.1#



#35

Methylcyclohexane

Concen: 5.694 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.064 min

Lab File: VD079852.D

Acq: 17 Sep 2024 15:40

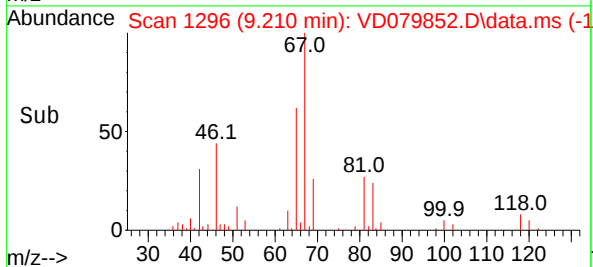
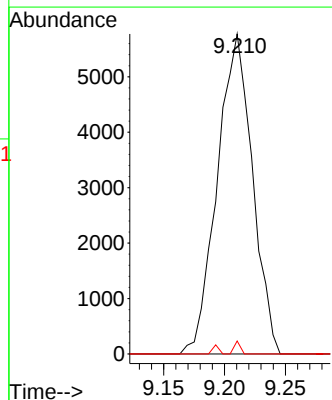
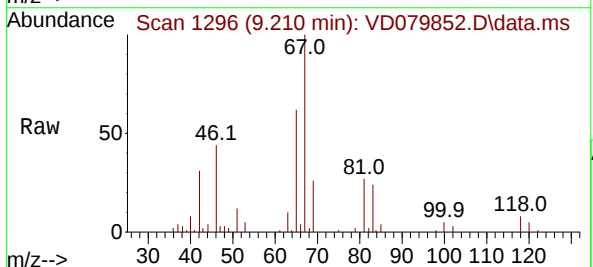
Tgt Ion: 83 Resp: 11598

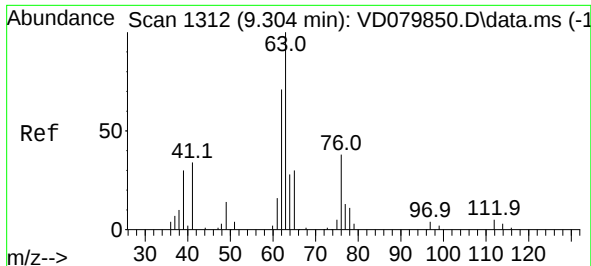
Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

98 0.0 38.6 58.0#

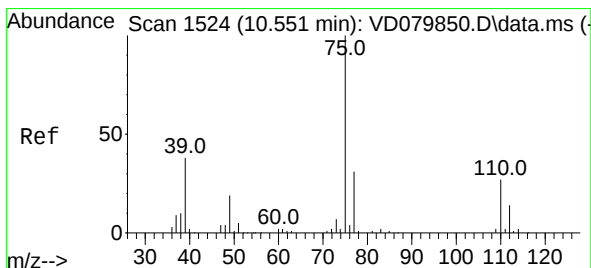
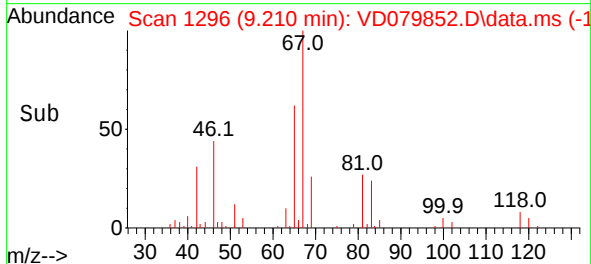
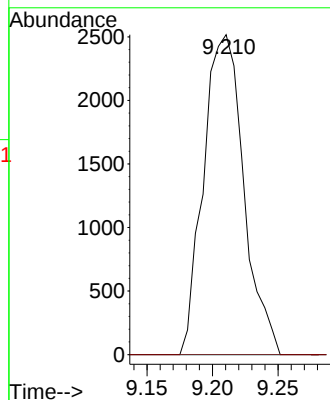
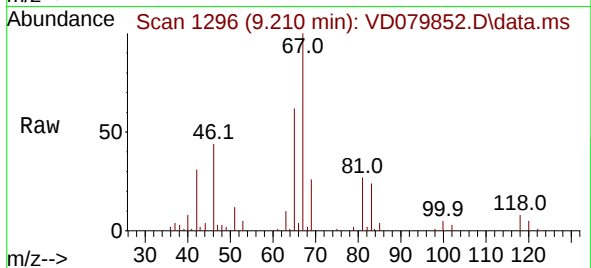




#37
1,2-Dichloropropane
Concen: 3.604 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD079852.D
Acq: 17 Sep 2024 15:40

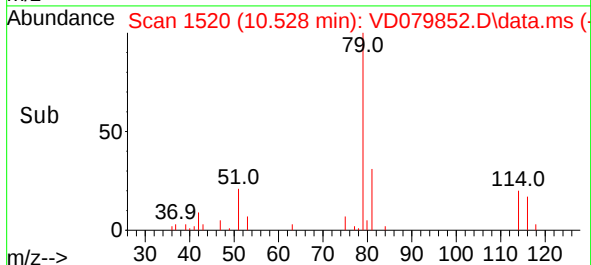
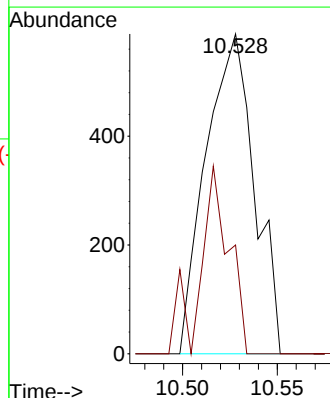
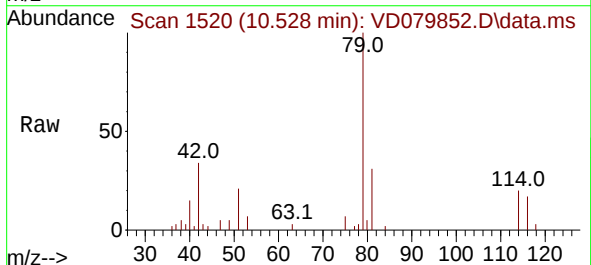
Instrument :
MSVOA_D
ClientSampleId :

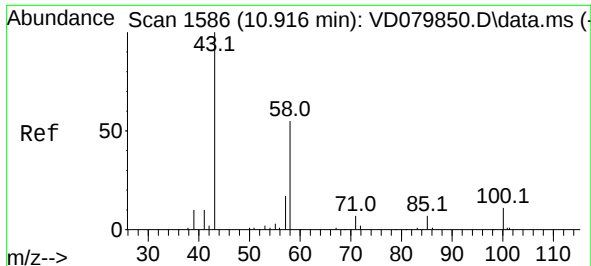
Tgt Ion: 63 Resp: 5369
Ion Ratio Lower Upper
63 100
112 0.0 0.0 0.0



#44
trans-1,3-Dichloropropene
Concen: 0.567 ug/L
RT: 10.528 min Scan# 1520
Delta R.T. -0.023 min
Lab File: VD079852.D
Acq: 17 Sep 2024 15:40

Tgt Ion: 75 Resp: 1046
Ion Ratio Lower Upper
75 100
77 34.0 21.8 40.4

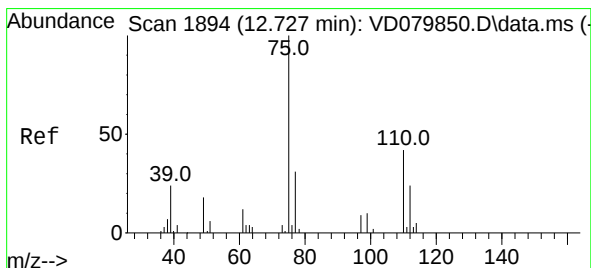
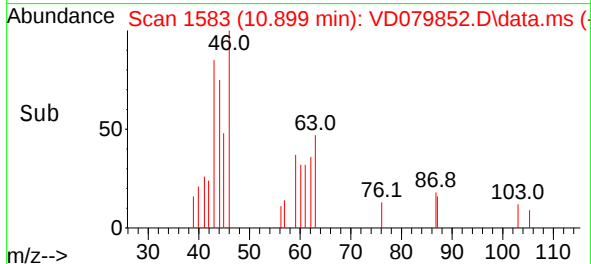
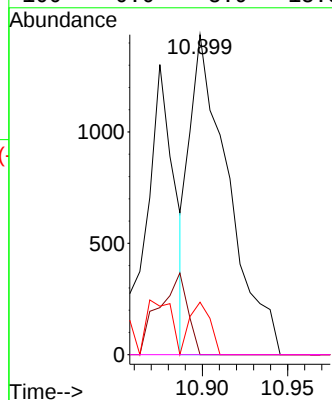
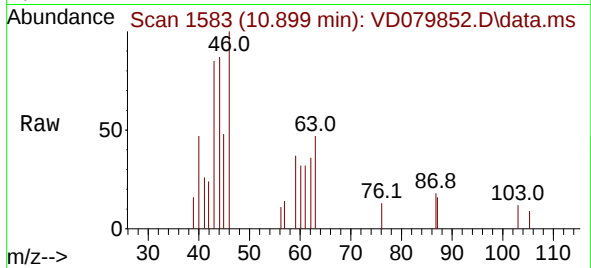




#48
2-Hexanone
Concen: 3.578 ug/L
RT: 10.899 min Scan# 1
Delta R.T. -0.017 min
Lab File: VD079852.D
Acq: 17 Sep 2024 15:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 2270
Ion Ratio Lower Upper
43 100
58 18.7 44.7 67.1#
57 8.9 13.6 20.4#
100 0.0 8.9 13.3#



#61
1,2,3-Trichloropropane
Concen: 4.972 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.789 min
Lab File: VD079852.D
Acq: 17 Sep 2024 15:40

Tgt Ion: 75 Resp: 1765
Ion Ratio Lower Upper
75 100
77 35.6 25.1 37.7
110 0.0 30.1 45.1#

