

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092524\
 Data File : VD079894.D
 Acq On : 25 Sep 2024 16:34
 Operator : RP/MD
 Sample : P4168-08
 Misc : 5.02G/10ml/MSVOA_D/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 26 01:57:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 26 01:54:46 2024
 Response via : Initial Calibration

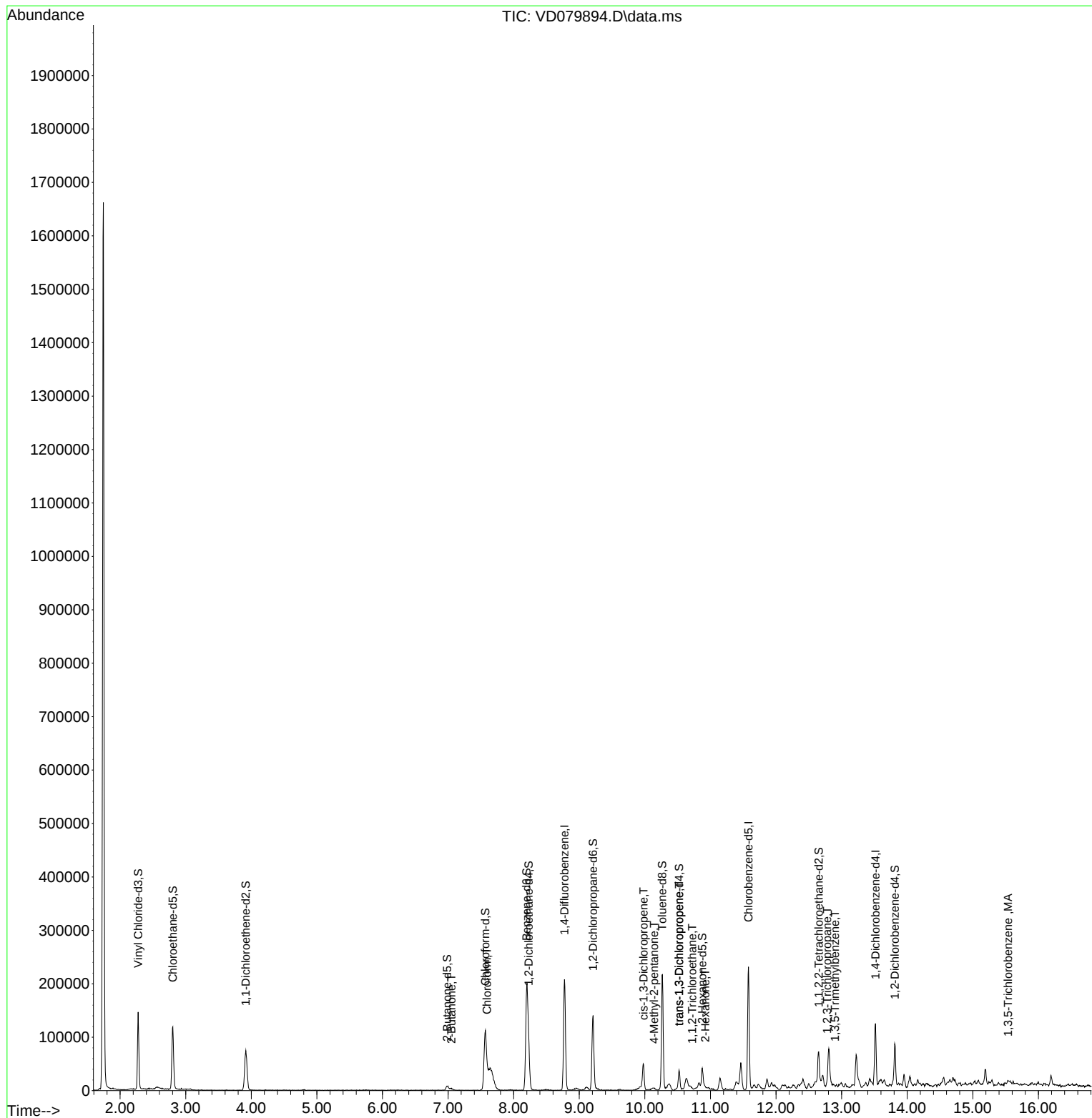
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	180627	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	124183	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	27709	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	130971	16.675	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	66.720%	
7) Chloroethane-d5	2.805	69	122177	19.647	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	78.600%	
11) 1,1-Dichloroethene-d2	3.916	65	21672	15.197	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	60.800%	
21) 2-Butanone-d5	6.987	46	14213	19.477	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	38.960%	
24) Chloroform-d	7.569	84	103786	17.480	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	69.920%	
26) 1,2-Dichloroethane-d4	8.228	65	57726	18.593	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	74.360%	
32) Benzene-d6	8.198	84	209747	23.924	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	95.680%	
36) 1,2-Dichloropropane-d6	9.210	67	70179	26.136	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	104.560%	
41) Toluene-d8	10.263	98	150580	19.518	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	78.080%	
43) trans-1,3-Dichloroprop...	10.522	79	18200	15.765	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	63.080%	
47) 2-Hexanone-d5	10.875	63	12045	27.518	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	55.040%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	34681	17.577	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	70.320%	
66) 1,2-Dichlorobenzene-d4	13.810	152	18272	17.486	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	69.960%#	
Target Compounds						
					Qvalue	
22) 2-Butanone	7.051	43	3693	3.539	ug/L #	49
25) Chloroform	7.593	83	6354	1.051	ug/L	82
39) cis-1,3-Dichloropropene	9.981	75	1732	0.489	ug/L	92
40) 4-Methyl-2-pentanone	10.140	43	2298	1.741	ug/L #	44
44) trans-1,3-Dichloropropene	10.522	75	1012	0.324	ug/L	91
45) 1,1,2-Trichloroethane	10.722	97	317	0.184	ug/L #	36
48) 2-Hexanone	10.922	43	977	0.910	ug/L #	40
61) 1,2,3-Trichloropropane	12.781	75	358	0.526	ug/L #	22
62) 1,3,5-Trimethylbenzene	12.898	105	602	0.172	ug/L #	64
69) 1,3,5-Trichlorobenzene	15.539	180	188	0.157	ug/L #	31

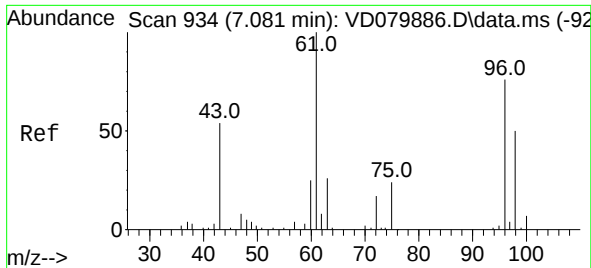
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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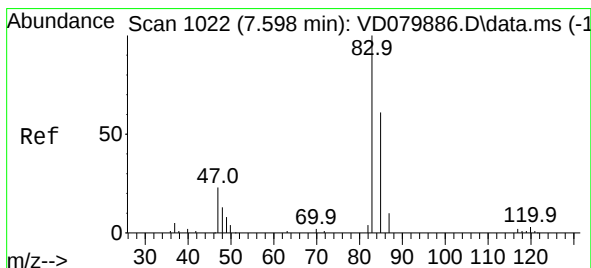
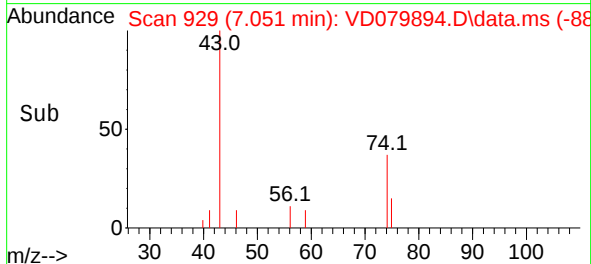
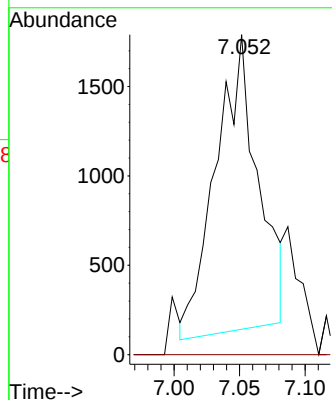
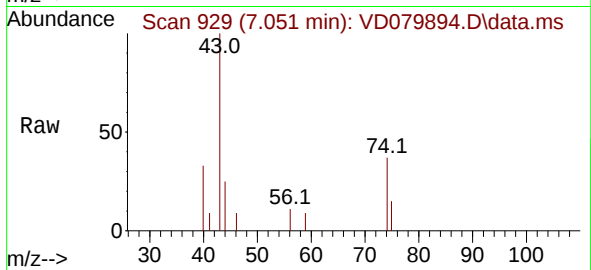




#22
2-Butanone
Concen: 3.539 ug/L
RT: 7.051 min Scan# 91
Delta R.T. -0.029 min
Lab File: VD079894.D
Acq: 25 Sep 2024 16:34

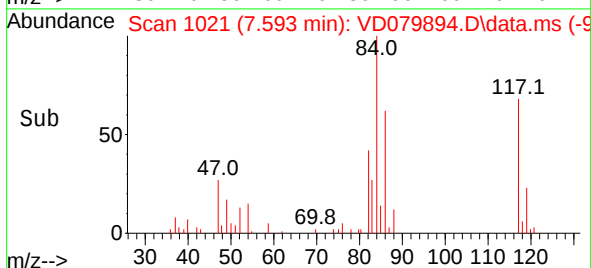
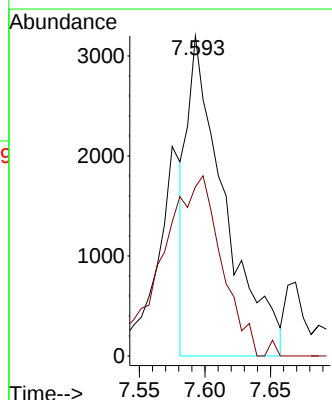
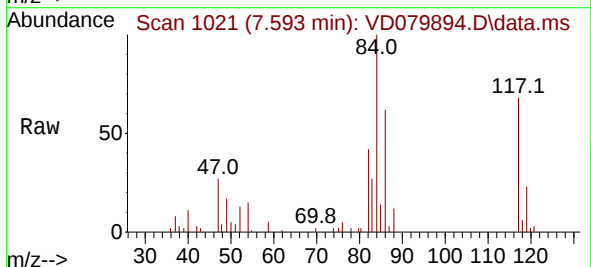
Instrument :
MSVOA_D
ClientSampleId :

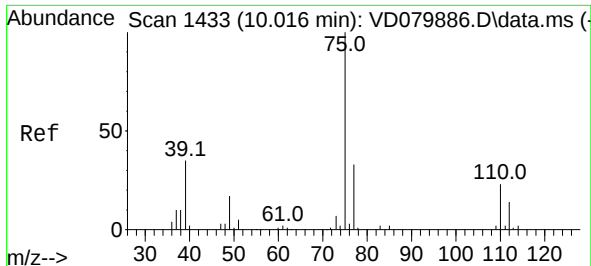
Tgt Ion: 43 Resp: 3693
Ion Ratio Lower Upper
43 100
72 0.0 13.1 39.3#



#25
Chloroform
Concen: 1.051 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD079894.D
Acq: 25 Sep 2024 16:34

Tgt Ion: 83 Resp: 6354
Ion Ratio Lower Upper
83 100
85 52.8 47.3 87.9





#39

cis-1,3-Dichloropropene

Concen: 0.489 ug/L

RT: 9.981 min Scan# 1427

Delta R.T. -0.035 min

Lab File: VD079894.D

Acq: 25 Sep 2024 16:34

Instrument :

MSVOA_D

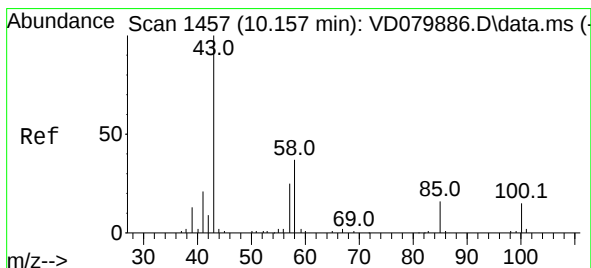
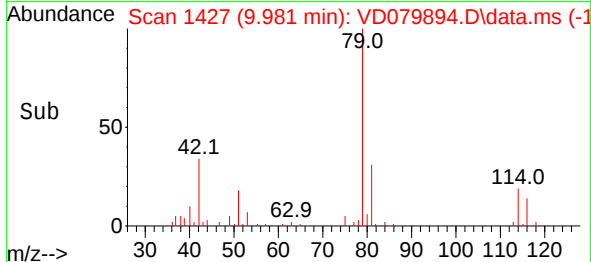
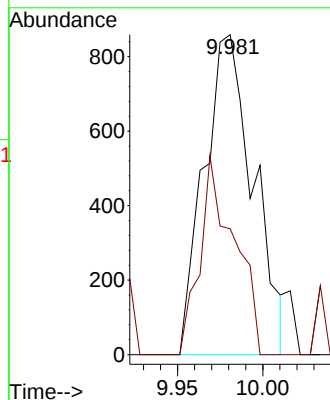
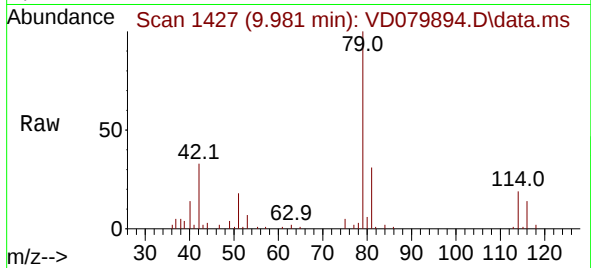
ClientSampleId :

Tgt Ion: 75 Resp: 1732

Ion Ratio Lower Upper

75 100

77 39.3 24.1 44.8



#40

4-Methyl-2-pentanone

Concen: 1.741 ug/L

RT: 10.140 min Scan# 1454

Delta R.T. -0.017 min

Lab File: VD079894.D

Acq: 25 Sep 2024 16:34

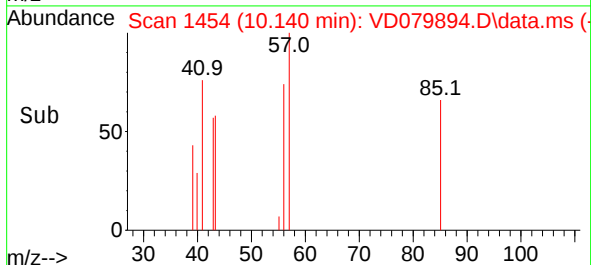
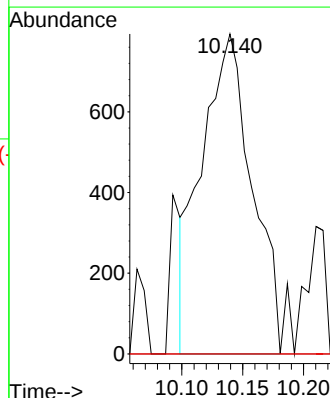
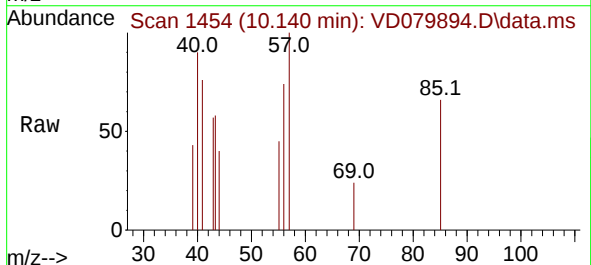
Tgt Ion: 43 Resp: 2298

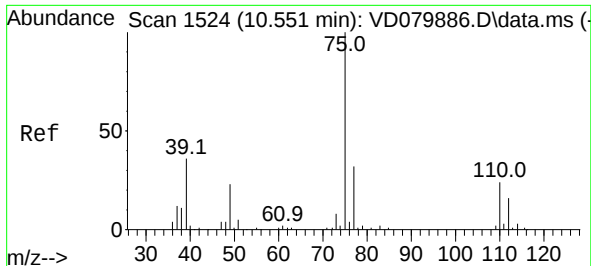
Ion Ratio Lower Upper

43 100

58 0.0 31.1 46.7#

100 0.0 11.8 17.6#





#44

trans-1,3-Dichloropropene

Concen: 0.324 ug/L

RT: 10.522 min Scan# 1519

Delta R.T. -0.029 min

Lab File: VD079894.D

Acq: 25 Sep 2024 16:34

Instrument :

MSVOA_D

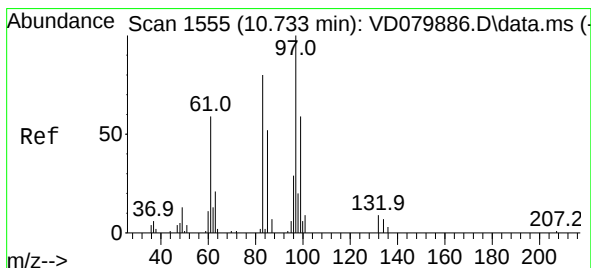
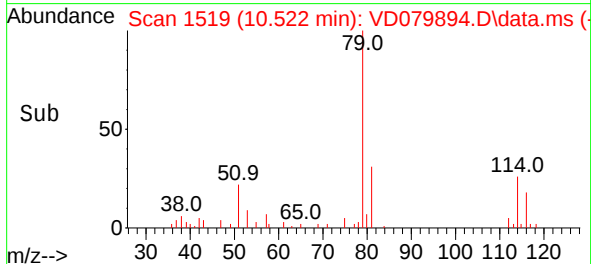
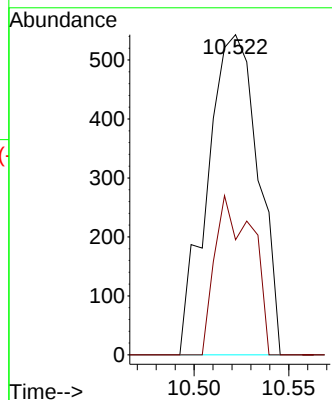
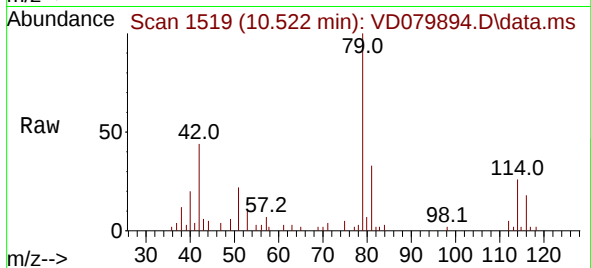
ClientSampleId :

Tgt Ion: 75 Resp: 1012

Ion Ratio Lower Upper

75 100

77 35.9 21.8 40.4



#45

1,1,2-Trichloroethane

Concen: 0.184 ug/L

RT: 10.722 min Scan# 1553

Delta R.T. -0.012 min

Lab File: VD079894.D

Acq: 25 Sep 2024 16:34

Tgt Ion: 97 Resp: 317

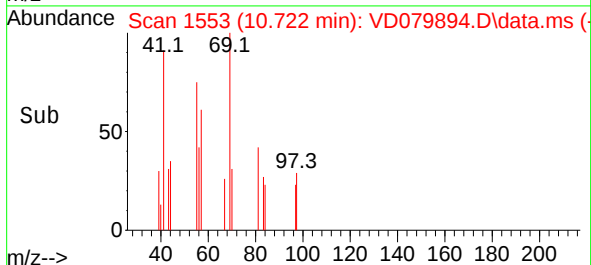
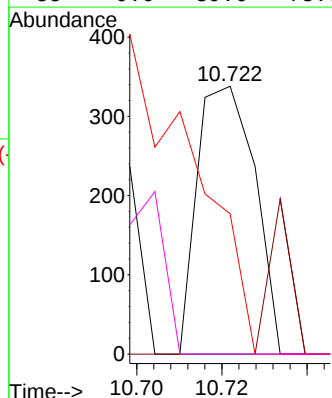
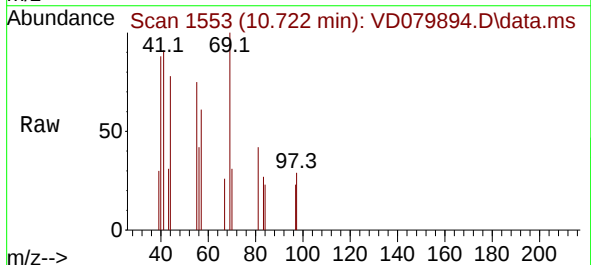
Ion Ratio Lower Upper

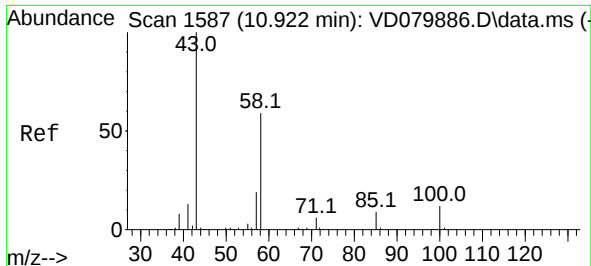
97 100

99 0.0 45.1 83.7#

83 52.4 65.2 121.0#

85 0.0 39.6 73.6#





#48

2-Hexanone

Concen: 0.910 ug/L

RT: 10.922 min Scan# 1

Delta R.T. 0.000 min

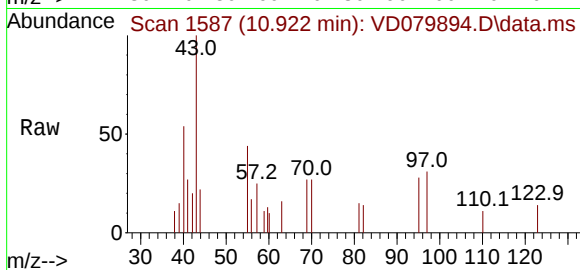
Lab File: VD079894.D

Acq: 25 Sep 2024 16:34

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 977

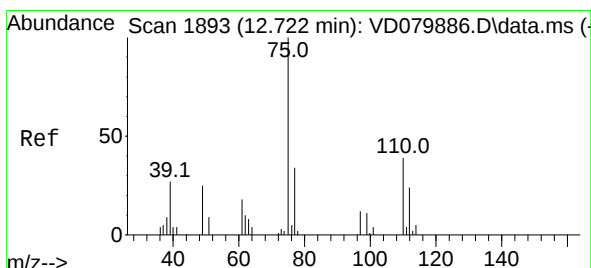
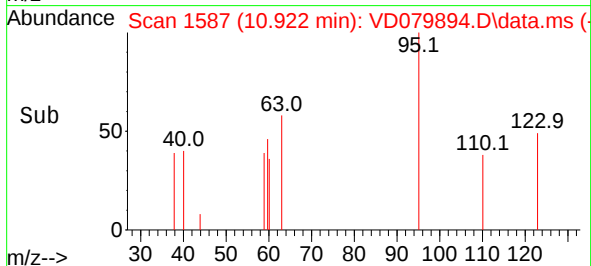
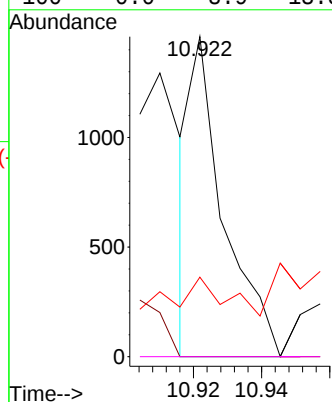
Ion Ratio Lower Upper

43 100

58 0.0 44.7 67.1#

57 28.7 13.6 20.4#

100 0.0 8.9 13.3#



#61

1,2,3-Trichloropropane

Concen: 0.526 ug/L

RT: 12.781 min Scan# 1903

Delta R.T. 0.059 min

Lab File: VD079894.D

Acq: 25 Sep 2024 16:34

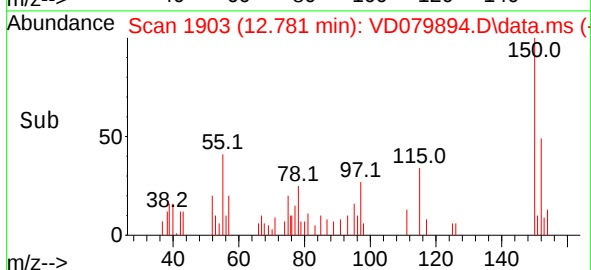
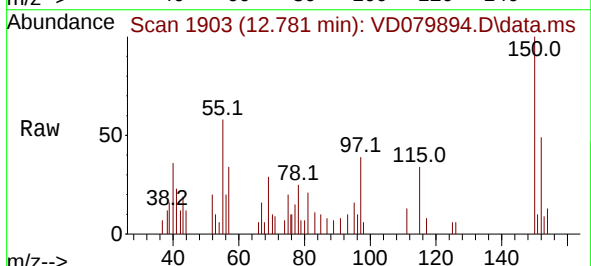
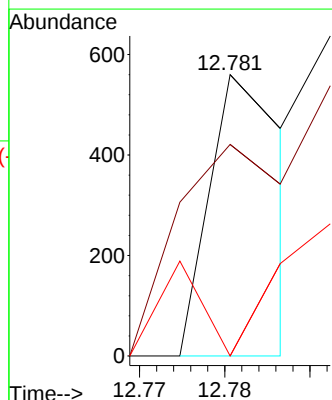
Tgt Ion: 75 Resp: 358

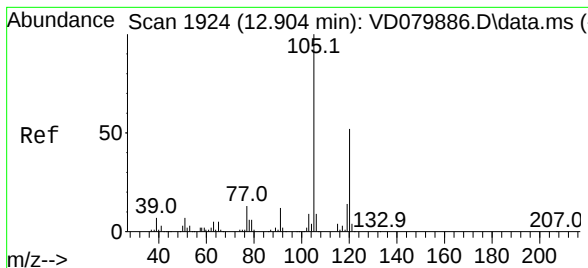
Ion Ratio Lower Upper

75 100

77 105.3 25.1 37.7#

110 18.7 30.1 45.1#

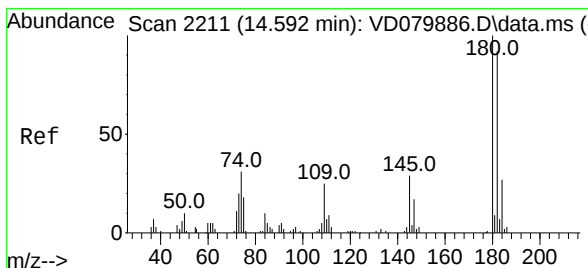
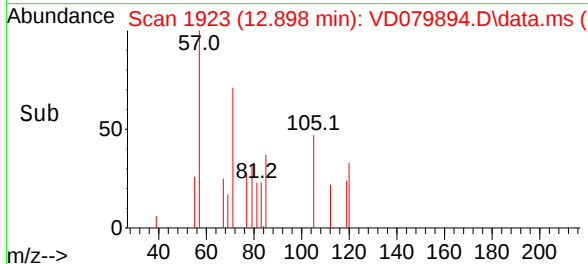
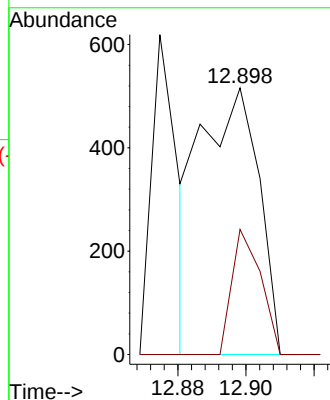
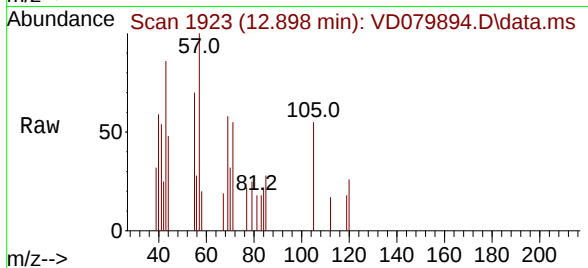




#62
1,3,5-Trimethylbenzene
Concen: 0.172 ug/L
RT: 12.898 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD079894.D
Acq: 25 Sep 2024 16:34

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 602
Ion Ratio Lower Upper
105 100
120 23.6 38.3 57.5#



#69
1,3,5-Trichlorobenzene
Concen: 0.157 ug/L
RT: 15.539 min Scan# 2372
Delta R.T. 0.947 min
Lab File: VD079894.D
Acq: 25 Sep 2024 16:34

Tgt Ion:180 Resp: 188
Ion Ratio Lower Upper
180 100
182 0.0 72.6 109.0#
184 0.0 24.2 36.2#
145 29.3 24.7 37.1

