

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092524\
 Data File : VD079888.D
 Acq On : 25 Sep 2024 12:45
 Operator : RP/MD
 Sample : P4162-03
 Misc : 5.27G/10ml/MSVOA_D/SOIL/B
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 26 01:56:08 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)

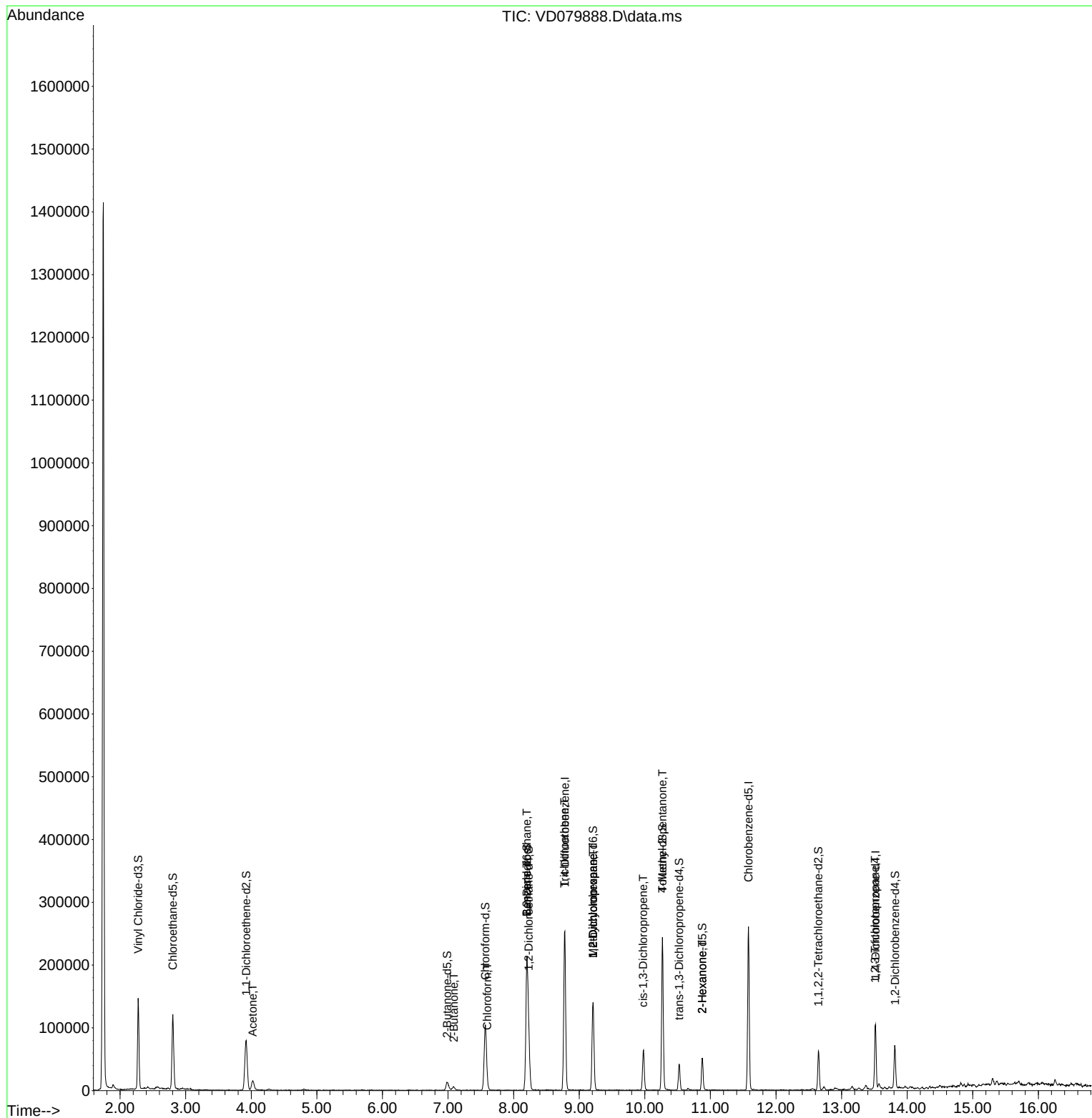
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	217320	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	142439	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	26334	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	132873	14.061	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.240%
7) Chloroethane-d5	2.805	69	121094	16.185	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.760%
11) 1,1-Dichloroethene-d2	3.922	65	24022	14.001	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.000%
21) 2-Butanone-d5	6.987	46	22742	25.902	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.800%
24) Chloroform-d	7.569	84	108881	15.242	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	60.960%
26) 1,2-Dichloroethane-d4	8.228	65	58098	15.553	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	62.200%#
32) Benzene-d6	8.199	84	220140	21.891	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.560%
36) 1,2-Dichloropropane-d6	9.210	67	69937	22.708	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.840%
41) Toluene-d8	10.269	98	162491	18.363	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.440%
43) trans-1,3-Dichloroprop...	10.522	79	23878	18.033	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.120%
47) 2-Hexanone-d5	10.875	63	17878	35.609	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.220%
56) 1,1,2,2-Tetrachloroeth...	12.646	84	31582	13.955	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	55.800%
66) 1,2-Dichlorobenzene-d4	13.816	152	15435	15.542	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	62.160%#
Target Compounds						Qvalue
13) Acetone	4.022	43	25302	23.637	ug/L	95
22) 2-Butanone	7.087	43	9492	7.559	ug/L	83
25) Chloroform	7.599	83	5031	0.692	ug/L	89
27) 1,2-Dichloroethane	8.199	62	1691	0.380	ug/L #	74
33) Benzene	8.199	78	1753	0.165	ug/L	100
34) Trichloroethene	8.775	95	7020	2.864	ug/L #	8
35) Methylcyclohexane	9.210	83	16818	4.252	ug/L #	20
37) 1,2-Dichloropropane	9.210	63	7566	2.616	ug/L #	100
39) cis-1,3-Dichloropropene	9.975	75	2134	0.525	ug/L #	68
40) 4-Methyl-2-pentanone	10.269	43	722	0.477	ug/L #	1
48) 2-Hexanone	10.875	43	2465	2.001	ug/L #	53
61) 1,2,3-Trichloropropane	13.510	75	3954	6.108	ug/L #	61

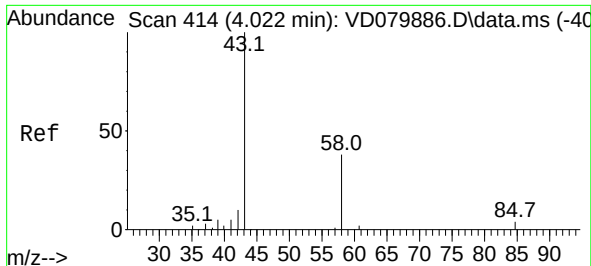
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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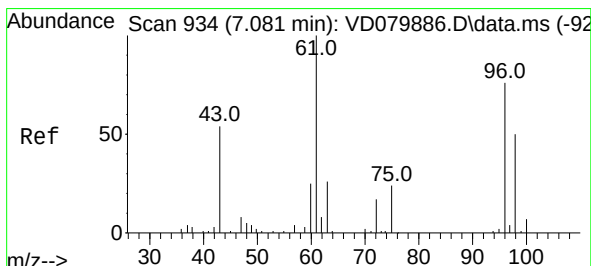
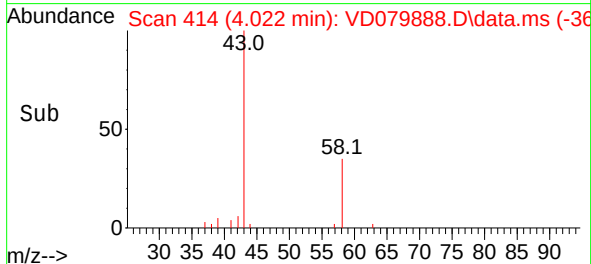
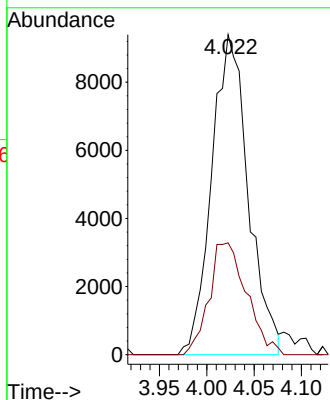
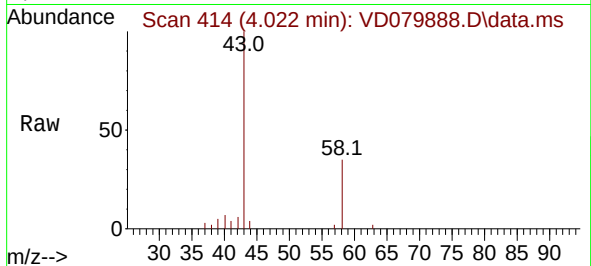




#13
Acetone
Concen: 23.637 ug/L
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD079888.D
Acq: 25 Sep 2024 12:45

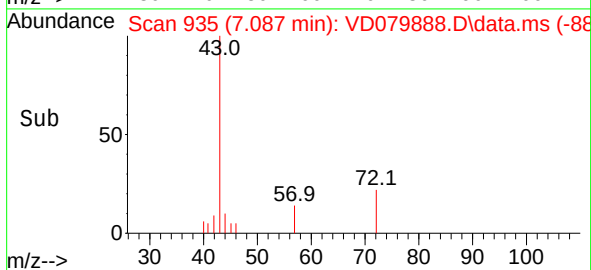
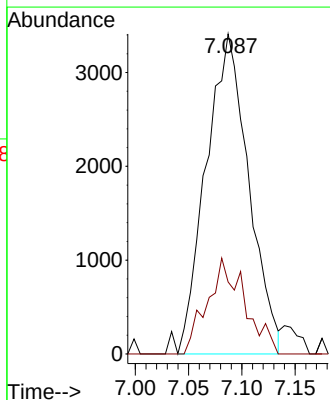
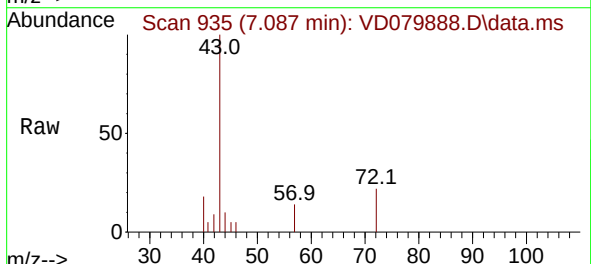
Instrument :
MSVOA_D
ClientSampleId :

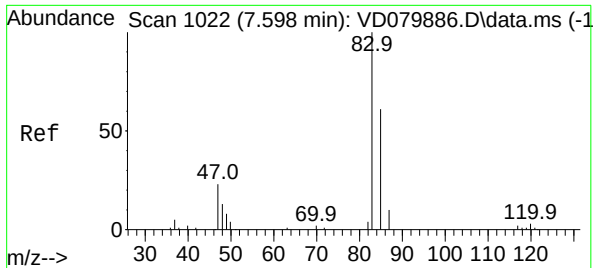
Tgt Ion: 43 Resp: 25302
Ion Ratio Lower Upper
43 100
58 35.0 0.0 75.8



#22
2-Butanone
Concen: 7.559 ug/L
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD079888.D
Acq: 25 Sep 2024 12:45

Tgt Ion: 43 Resp: 9492
Ion Ratio Lower Upper
43 100
72 17.7 13.1 39.3

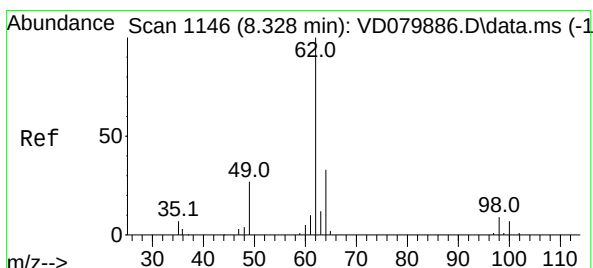
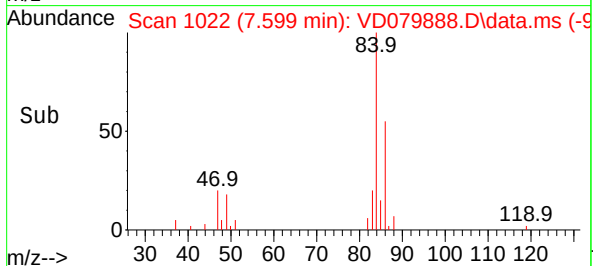
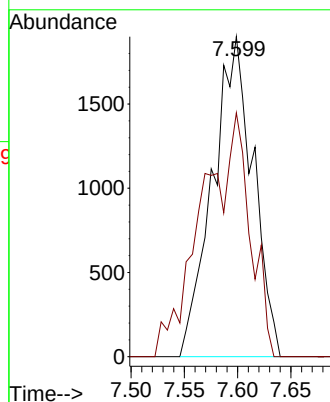
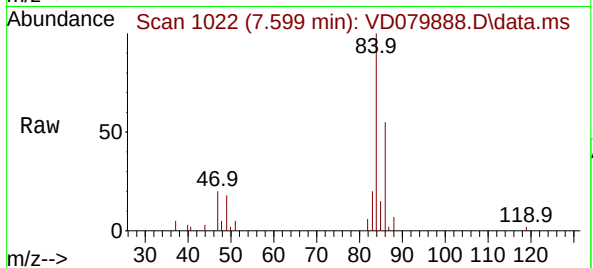




#25
Chloroform
Concen: 0.692 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD079888.D
Acq: 25 Sep 2024 12:45

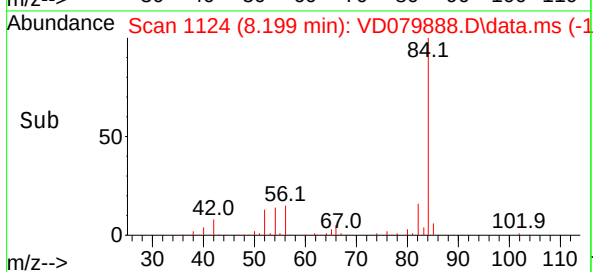
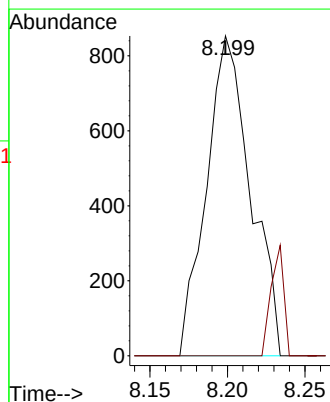
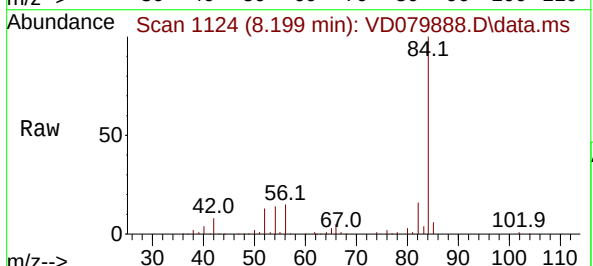
Instrument :
MSVOA_D
ClientSampleId :

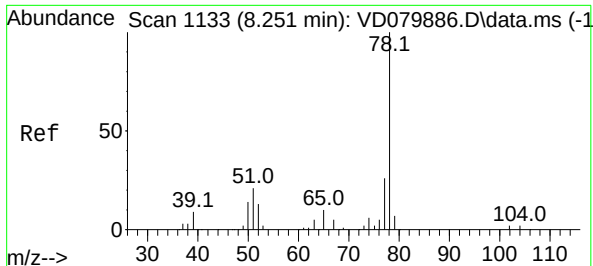
Tgt Ion: 83 Resp: 5031
Ion Ratio Lower Upper
83 100
85 76.2 47.3 87.9



#27
1,2-Dichloroethane
Concen: 0.380 ug/L
RT: 8.199 min Scan# 1124
Delta R.T. -0.129 min
Lab File: VD079888.D
Acq: 25 Sep 2024 12:45

Tgt Ion: 62 Resp: 1691
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#





#33

Benzene

Concen: 0.165 ug/L

RT: 8.199 min Scan# 1124

Delta R.T. -0.053 min

Lab File: VD079888.D

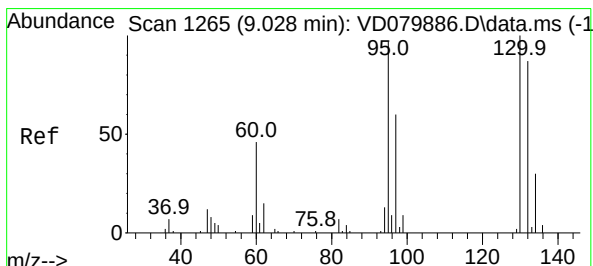
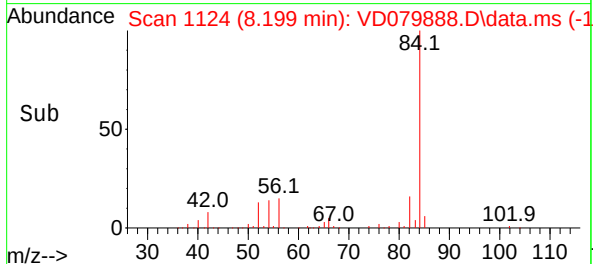
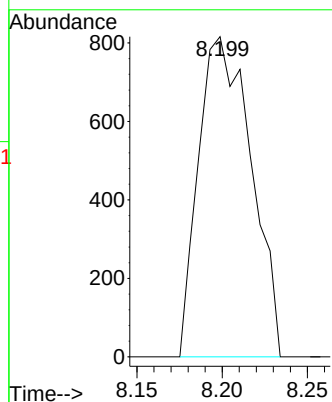
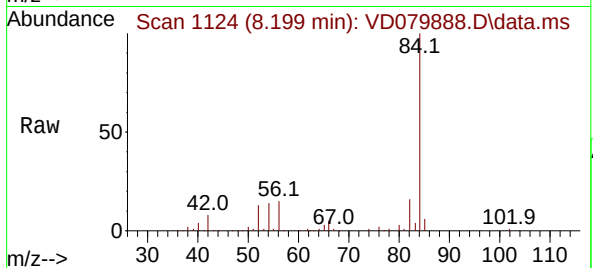
Acq: 25 Sep 2024 12:45

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 78 Resp: 1753



#34

Trichloroethene

Concen: 2.864 ug/L

RT: 8.775 min Scan# 1222

Delta R.T. -0.253 min

Lab File: VD079888.D

Acq: 25 Sep 2024 12:45

Tgt Ion: 95 Resp: 7020

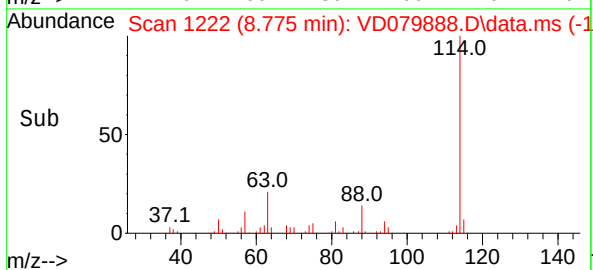
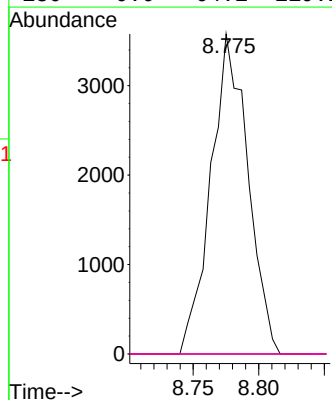
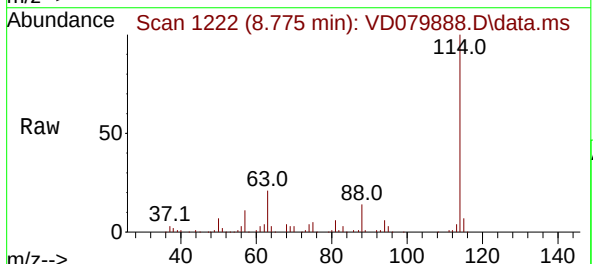
Ion Ratio Lower Upper

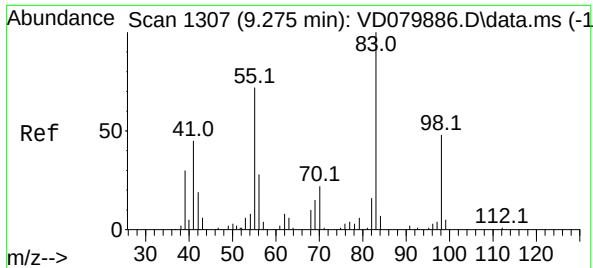
95 100

97 0.0 43.5 80.7#

132 0.0 64.5 119.7#

130 0.0 64.1 119.1#





#35

Methylcyclohexane

Concen: 4.252 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.064 min MSVOA_D

Lab File: VD079888.D

Acq: 25 Sep 2024 12:45

Instrument :

MSVOA_D

ClientSampleId :

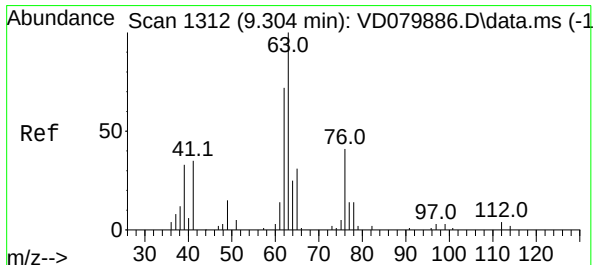
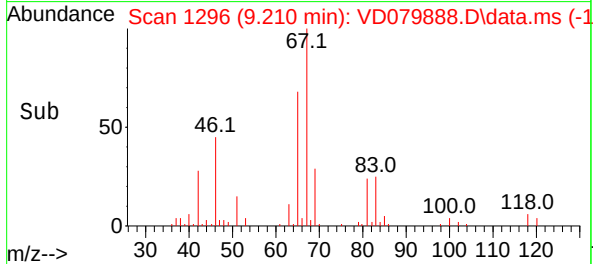
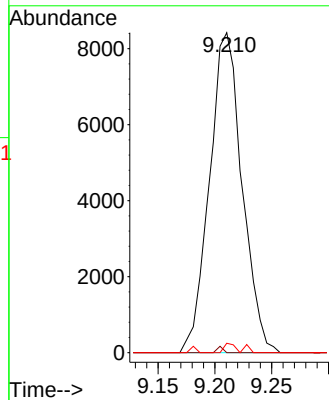
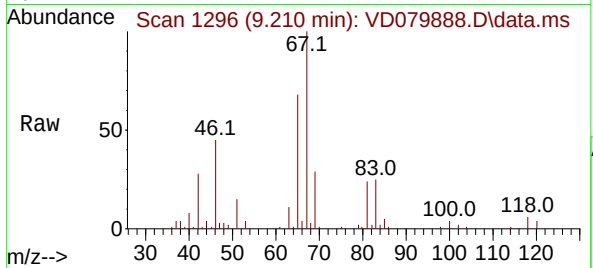
Tgt Ion: 83 Resp: 16818

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

98 1.0 38.6 58.0#



#37

1,2-Dichloropropane

Concen: 2.616 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.094 min

Lab File: VD079888.D

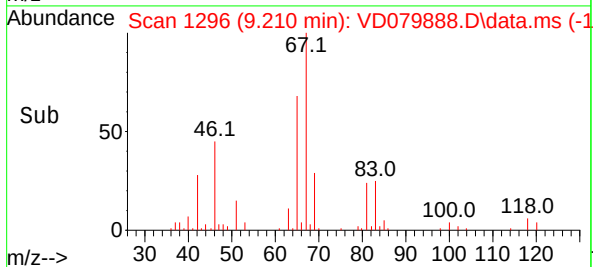
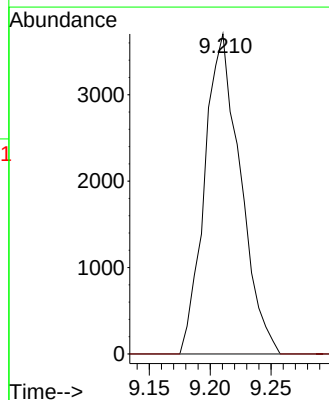
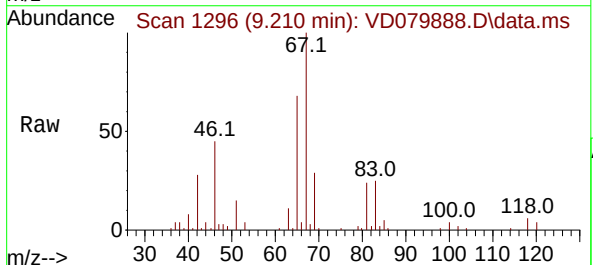
Acq: 25 Sep 2024 12:45

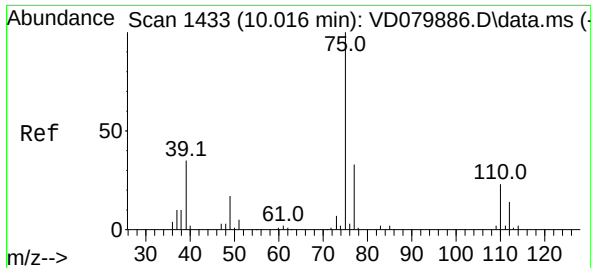
Tgt Ion: 63 Resp: 7566

Ion Ratio Lower Upper

63 100

112 0.0 0.0 0.0





#39

cis-1,3-Dichloropropene

Concen: 0.525 ug/L

RT: 9.975 min Scan# 1426

Delta R.T. -0.041 min

Lab File: VD079888.D

Acq: 25 Sep 2024 12:45

Instrument :

MSVOA_D

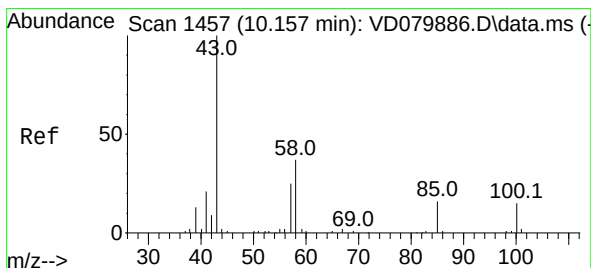
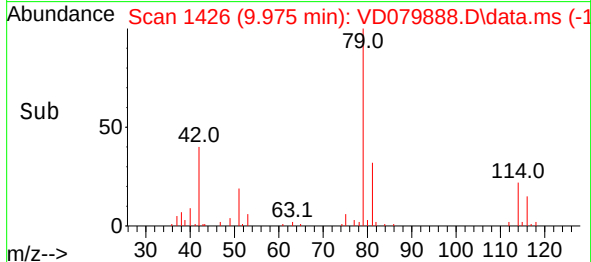
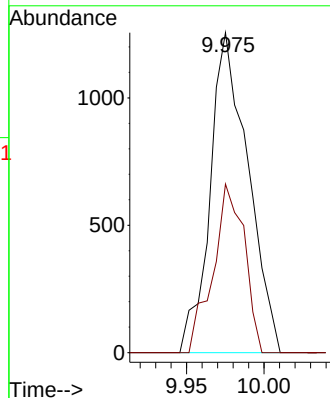
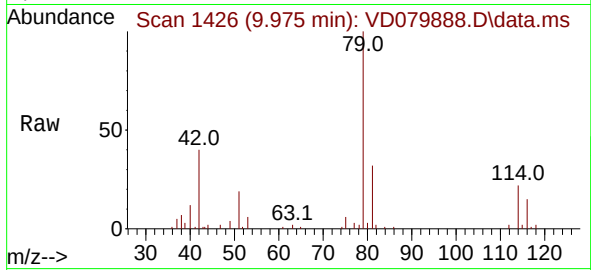
ClientSampleId :

Tgt Ion: 75 Resp: 2134

Ion Ratio Lower Upper

75 100

77 52.7 24.1 44.8#



#40

4-Methyl-2-pentanone

Concen: 0.477 ug/L

RT: 10.269 min Scan# 1476

Delta R.T. 0.112 min

Lab File: VD079888.D

Acq: 25 Sep 2024 12:45

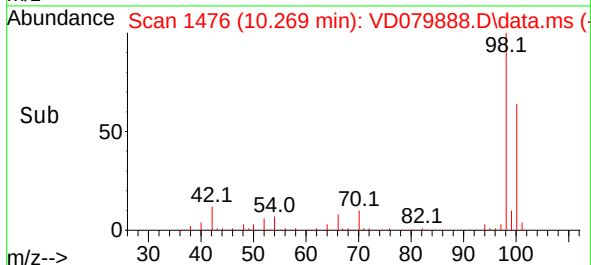
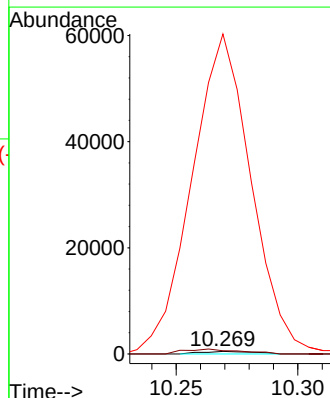
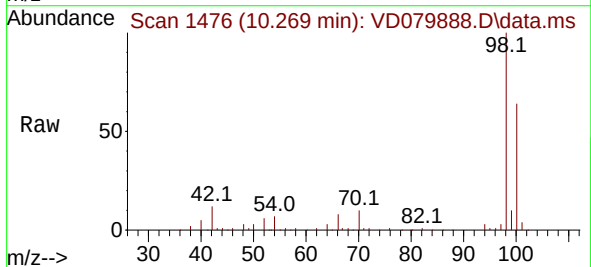
Tgt Ion: 43 Resp: 722

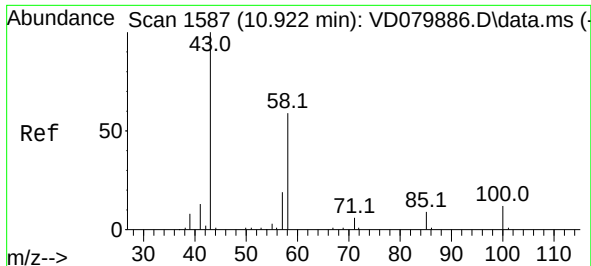
Ion Ratio Lower Upper

43 100

58 207.1 31.1 46.7#

100 14251.8 11.8 17.6#

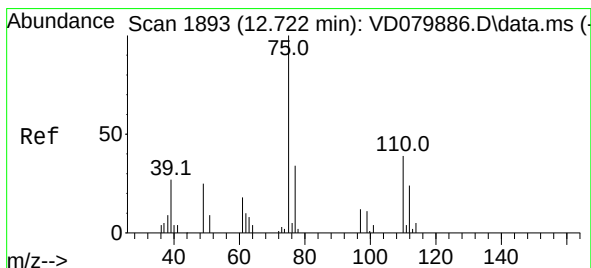
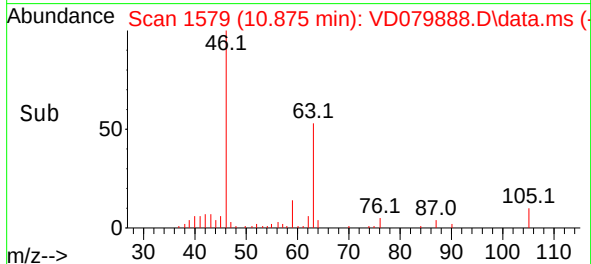
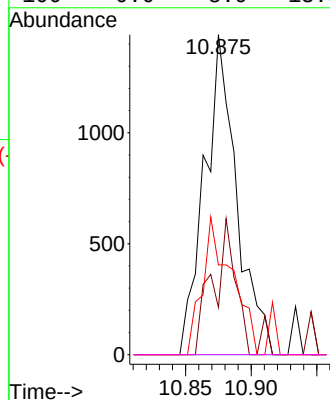
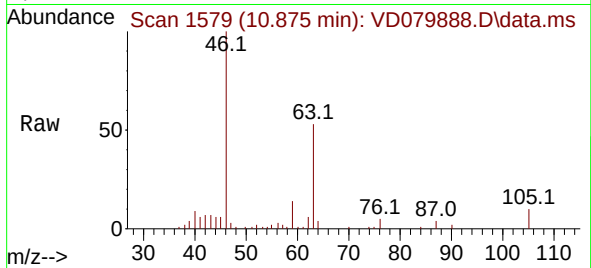




#48
2-Hexanone
Concen: 2.001 ug/L
RT: 10.875 min Scan# 1
Delta R.T. -0.047 min
Lab File: VD079888.D
Acq: 25 Sep 2024 12:45

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43	Resp: 2465
Ion Ratio	Lower Upper
43 100	
58 17.2	44.7 67.1#
57 0.0	13.6 20.4#
100 0.0	8.9 13.3#



#61
1,2,3-Trichloropropane
Concen: 6.108 ug/L
RT: 13.510 min Scan# 2027
Delta R.T. 0.789 min
Lab File: VD079888.D
Acq: 25 Sep 2024 12:45

Tgt Ion: 75	Resp:	3954	
Ion Ratio	Lower	Upper	
75 100			
77 36.7	25.1	37.7	
110 0.0	30.1	45.1#	

