

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091824\
 Data File : VD079866.D
 Acq On : 18 Sep 2024 16:31
 Operator : RP/MD
 Sample : P4083-12
 Misc : 5.39G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 19 01:55:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 19 01:50:07 2024
 Response via : Initial Calibration

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

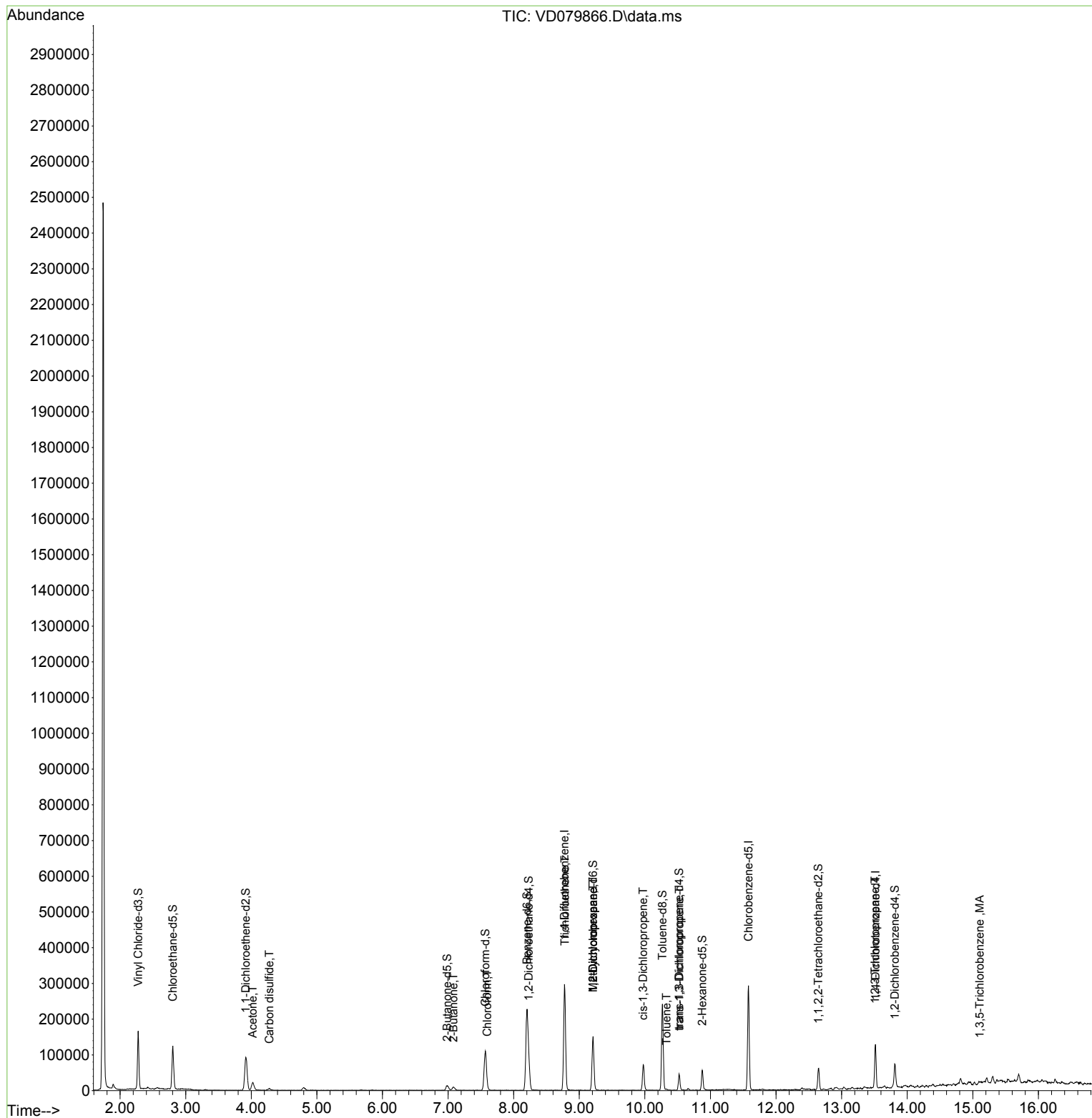
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	254649	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	162044	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	29652	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	145366	13.128	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	52.520%		
7) Chloroethane-d5	2.805	69	120821	13.782	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	55.120%		
11) 1,1-Dichloroethene-d2	3.916	65	27525	13.691	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	54.760%		
21) 2-Butanone-d5	6.987	46	24664	23.973	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	47.940%		
24) Chloroform-d	7.569	84	116152	13.876	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	55.520%		
26) 1,2-Dichloroethane-d4	8.228	65	60503	13.822	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	55.280%#		
32) Benzene-d6	8.204	84	234978	20.540	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	82.160%		
36) 1,2-Dichloropropane-d6	9.210	67	73729	21.043	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	84.160%		
41) Toluene-d8	10.269	98	166351	16.524	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	66.080%		
43) trans-1,3-Dichloroprop...	10.522	79	25199	16.728	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	66.920%		
47) 2-Hexanone-d5	10.875	63	18575	32.521	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	65.040%		
56) 1,1,2,2-Tetrachloroeth...	12.645	84	31093	12.076	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	48.320%		
66) 1,2-Dichlorobenzene-d4	13.810	152	15042	13.452	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	53.800%#		
Target Compounds						Qvalue
13) Acetone	4.022	43	36306	28.945	ug/L	96
14) Carbon disulfide	4.275	76	8038	0.639	ug/L #	91
22) 2-Butanone	7.081	43	15933	10.829	ug/L	78
25) Chloroform	7.599	83	4735	0.555	ug/L	89
34) Trichloroethene	8.781	95	7526	2.699	ug/L #	8
35) Methylcyclohexane	9.210	83	16894	3.755	ug/L #	20
37) 1,2-Dichloropropane	9.210	63	7995	2.430	ug/L #	100
39) cis-1,3-Dichloropropene	9.975	75	2296	0.497	ug/L #	25
42) Toluene	10.328	91	1614	0.127	ug/L	83
44) trans-1,3-Dichloropropene	10.528	75	1262	0.310	ug/L #	83
61) 1,2,3-Trichloropropane	13.510	75	4341	5.956	ug/L #	65
69) 1,3,5-Trichlorobenzene	15.104	180	177	0.138	ug/L #	42

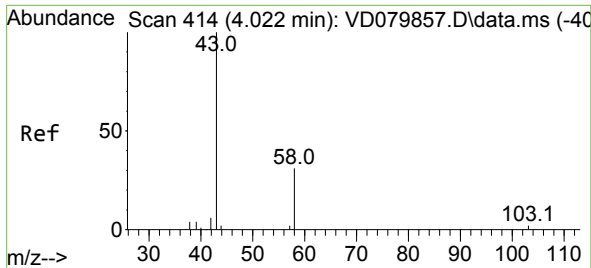
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Sep 19 01:50:07 2024
Response via : Initial Calibration





#13

Acetone

Concen: 28.945 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD079866.D

Acq: 18 Sep 2024 16:31

Instrument :

MSVOA_D

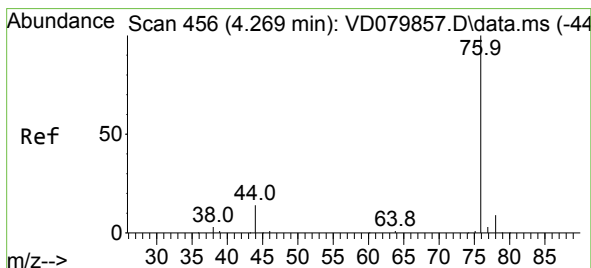
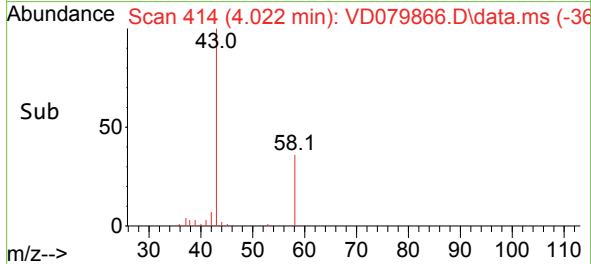
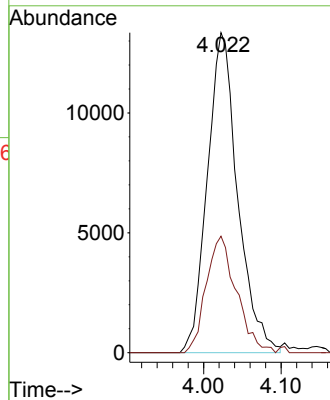
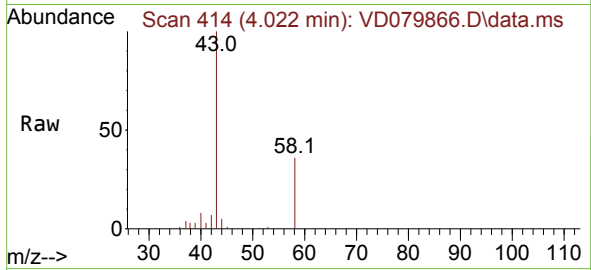
ClientSampleId :

Tgt Ion: 43 Resp: 36306

Ion Ratio Lower Upper

43 100

58 35.8 0.0 75.8



#14

Carbon disulfide

Concen: 0.639 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.006 min

Lab File: VD079866.D

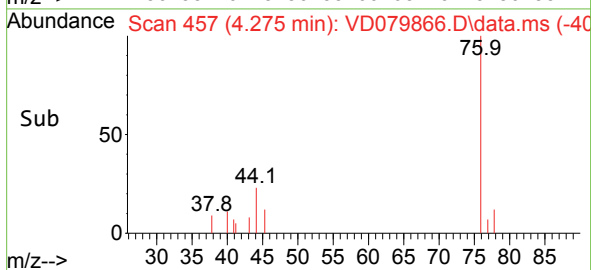
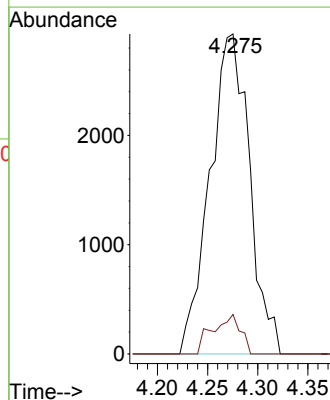
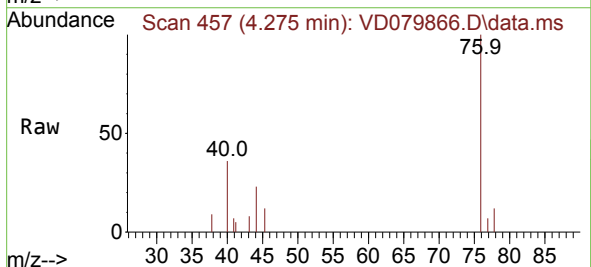
Acq: 18 Sep 2024 16:31

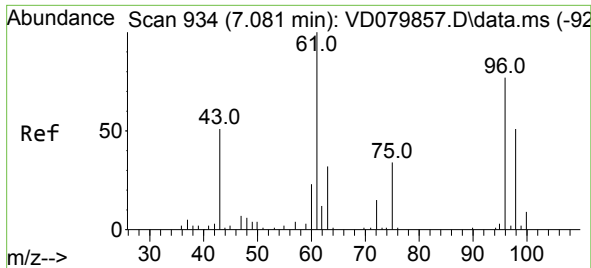
Tgt Ion: 76 Resp: 8038

Ion Ratio Lower Upper

76 100

78 12.3 7.3 10.9#

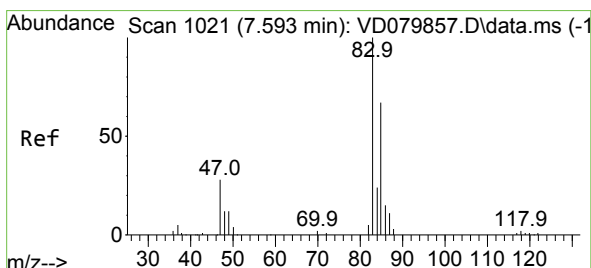
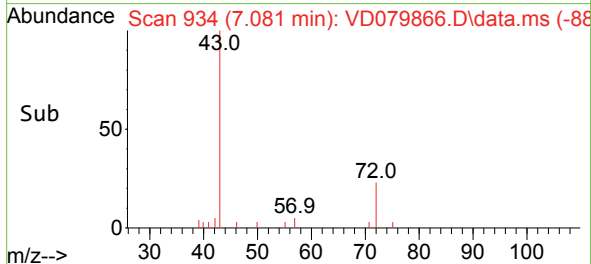
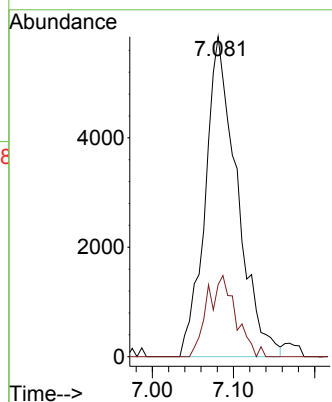
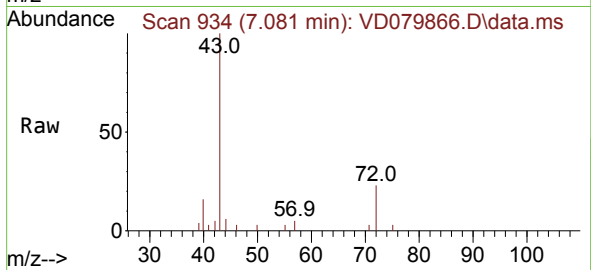




#22
2-Butanone
Concen: 10.829 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD079866.D
Acq: 18 Sep 2024 16:31

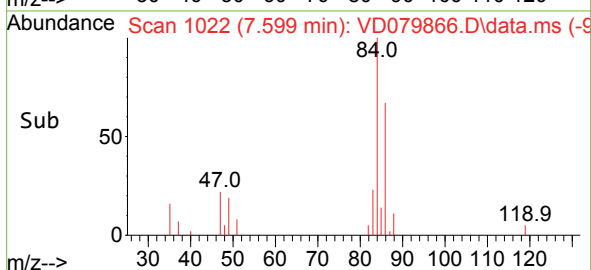
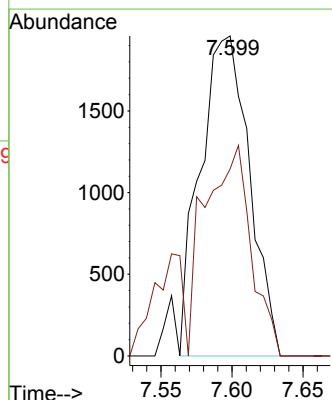
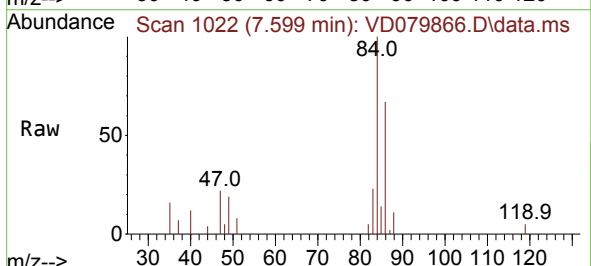
Instrument :
MSVOA_D
ClientSampleId :

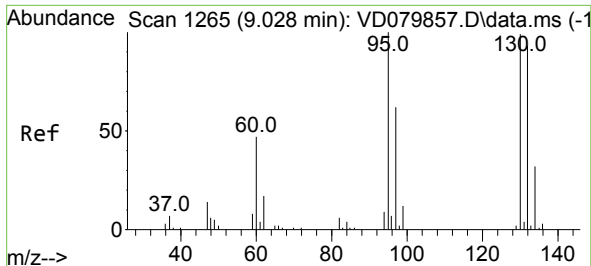
Tgt Ion: 43 Resp: 15933
Ion Ratio Lower Upper
43 100
72 14.9 13.1 39.3



#25
Chloroform
Concen: 0.555 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD079866.D
Acq: 18 Sep 2024 16:31

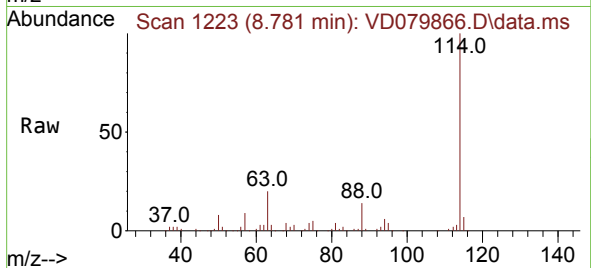
Tgt Ion: 83 Resp: 4735
Ion Ratio Lower Upper
83 100
85 58.4 47.3 87.9





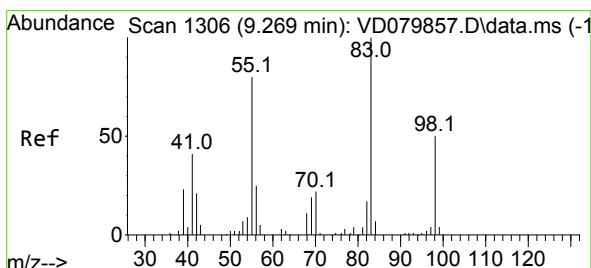
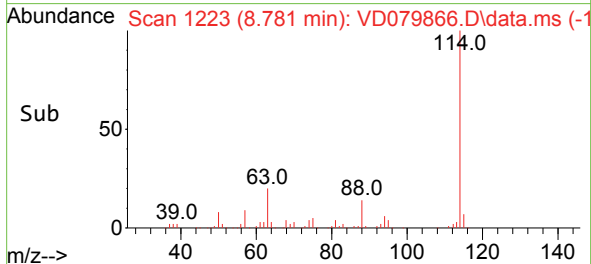
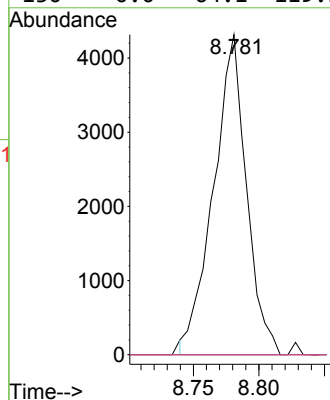
#34
Trichloroethene
Concen: 2.699 ug/L
RT: 8.781 min Scan# 1296
Delta R.T. -0.247 min
Lab File: VD079866.D
Acq: 18 Sep 2024 16:31

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 95 Resp: 7526

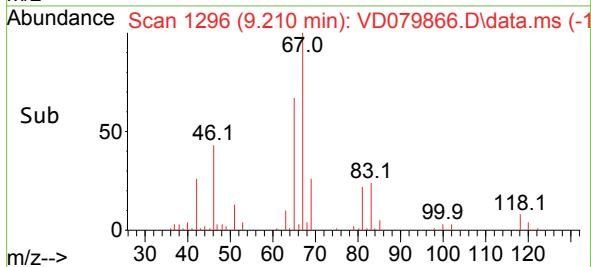
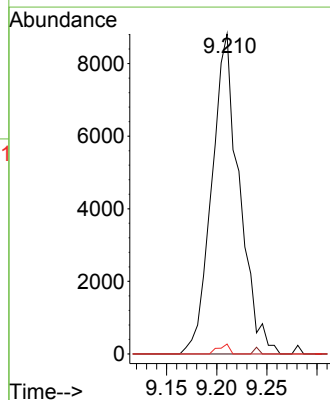
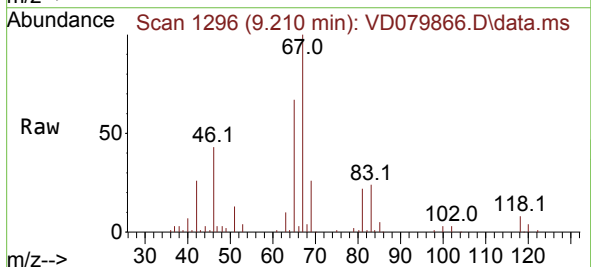
Ion	Ratio	Lower	Upper
95	100		
97	0.0	43.5	80.7#
132	0.0	64.5	119.7#
130	0.0	64.1	119.1#

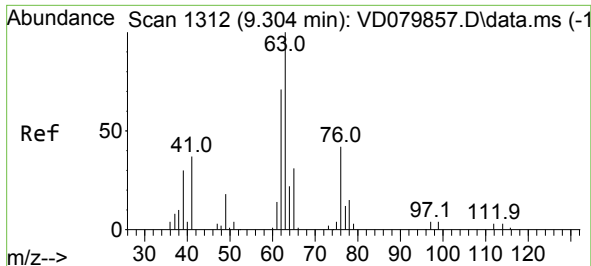


#35
Methylcyclohexane
Concen: 3.755 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.059 min
Lab File: VD079866.D
Acq: 18 Sep 2024 16:31

Tgt Ion: 83 Resp: 16894

Ion	Ratio	Lower	Upper
83	100		
55	0.9	58.9	88.3#
98	1.2	38.6	58.0#





#37

1,2-Dichloropropane

Concen: 2.430 ug/L

RT: 9.210 min Scan# 11

Delta R.T. -0.094 min

Lab File: VD079866.D

Acq: 18 Sep 2024 16:31

Instrument :

MSVOA_D

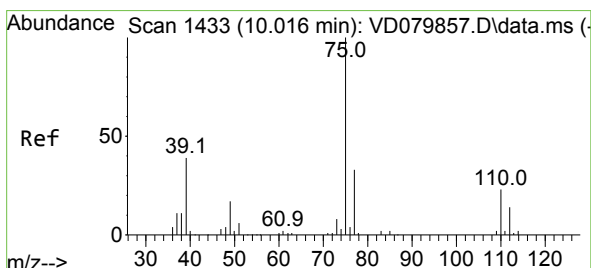
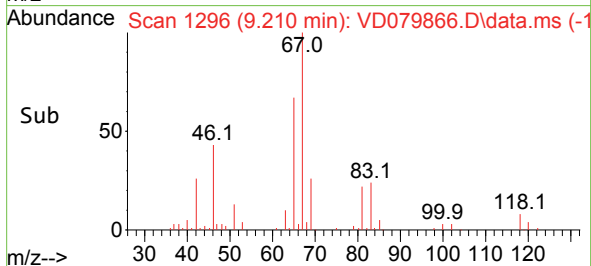
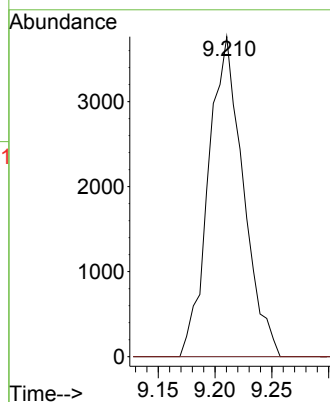
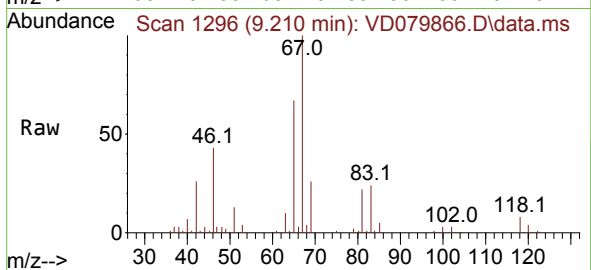
ClientSampleId :

Tgt Ion: 63 Resp: 7995

Ion Ratio Lower Upper

63 100

112 0.0 0.0 0.0



#39

cis-1,3-Dichloropropene

Concen: 0.497 ug/L

RT: 9.975 min Scan# 1426

Delta R.T. -0.041 min

Lab File: VD079866.D

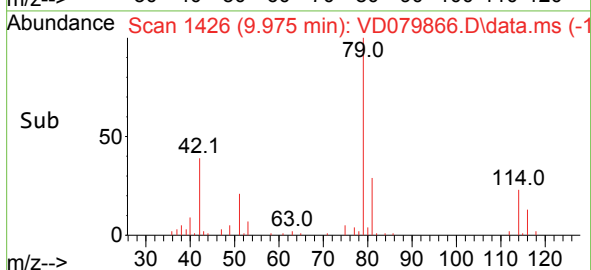
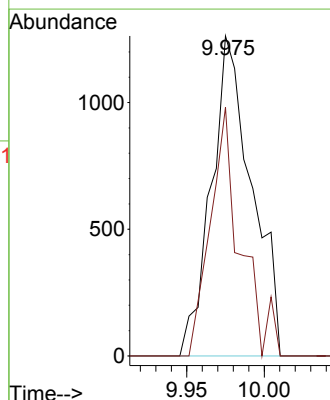
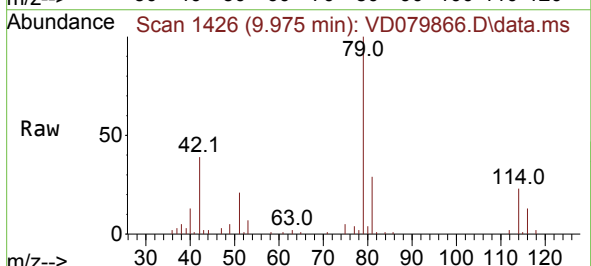
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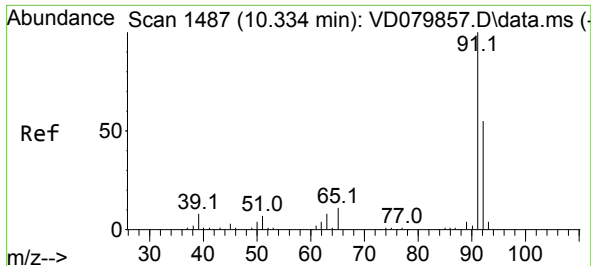
Tgt Ion: 75 Resp: 2296

Ion Ratio Lower Upper

75 100

77 77.8 24.1 44.8#





#42

Toluene

Concen: 0.127 ug/L

RT: 10.328 min Scan# 1486

Delta R.T. -0.006 min

Lab File: VD079866.D

Acq: 18 Sep 2024 16:31

Instrument :

MSVOA_D

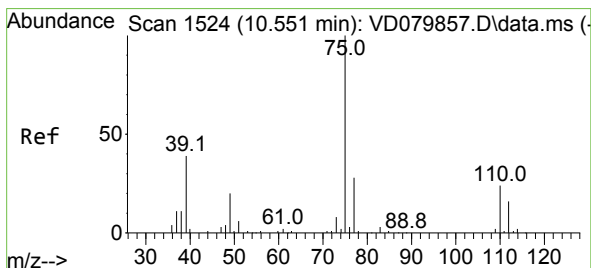
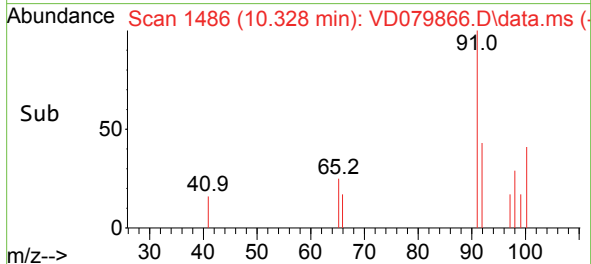
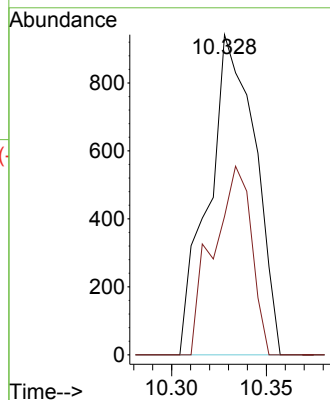
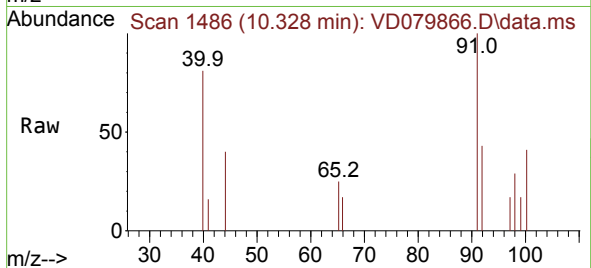
ClientSampleId :

Tgt Ion: 91 Resp: 1614

Ion Ratio Lower Upper

91 100

92 43.2 38.6 71.8



#44

trans-1,3-Dichloropropene

Concen: 0.310 ug/L

RT: 10.528 min Scan# 1520

Delta R.T. -0.024 min

Lab File: VD079866.D

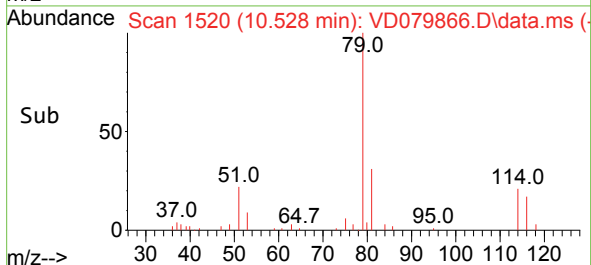
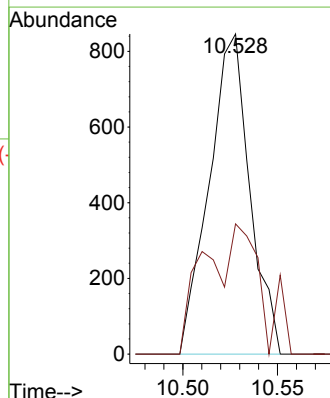
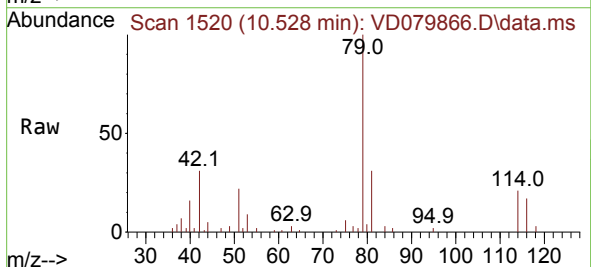
Acq: 18 Sep 2024 16:31

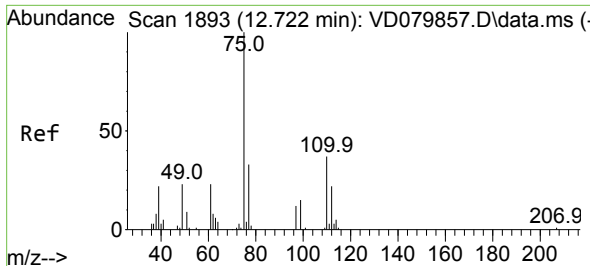
Tgt Ion: 75 Resp: 1262

Ion Ratio Lower Upper

75 100

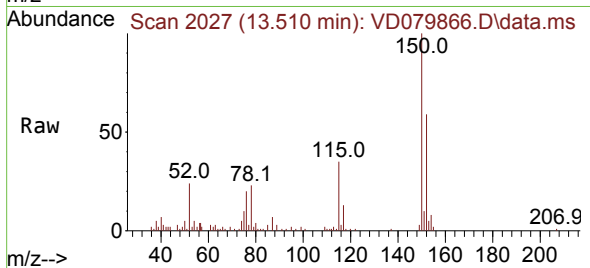
77 40.7 21.8 40.4#



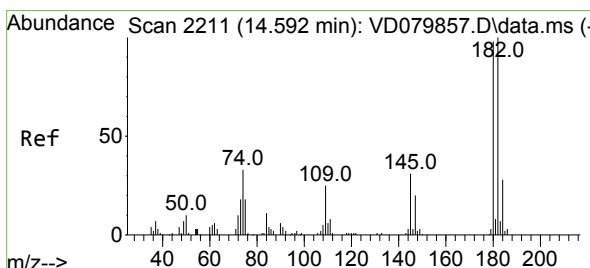
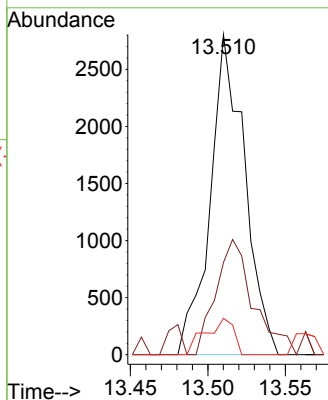
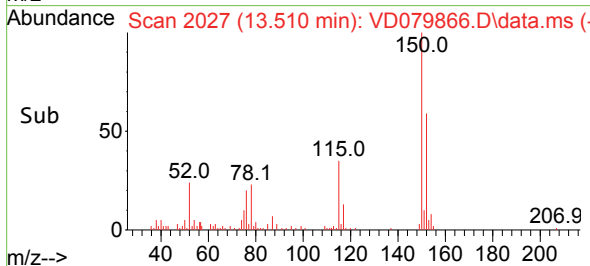


#61
1,2,3-Trichloropropane
Concen: 5.956 ug/L
RT: 13.510 min Scan# 20
Delta R.T. 0.788 min
Lab File: VD079866.D
Acq: 18 Sep 2024 16:31

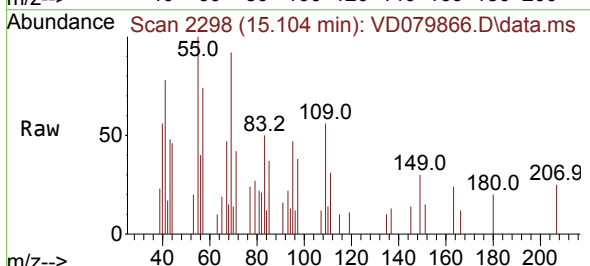
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 4341
Ion Ratio Lower Upper
75 100
77 37.9 25.1 37.7#
110 4.7 30.1 45.1#



#69
1,3,5-Trichlorobenzene
Concen: 0.138 ug/L
RT: 15.104 min Scan# 2298
Delta R.T. 0.512 min
Lab File: VD079866.D
Acq: 18 Sep 2024 16:31



Tgt Ion: 180 Resp: 177
Ion Ratio Lower Upper
180 100
182 35.0 72.6 109.0#
184 0.0 24.2 36.2#
145 0.0 24.7 37.1#

