

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121124\
 Data File : VD080134.D
 Acq On : 11 Dec 2024 18:25
 Operator : RP/MD
 Sample : P5232-09
 Misc : 6.71G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 12 01:00:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 12 00:57:48 2024
 Response via : Initial Calibration

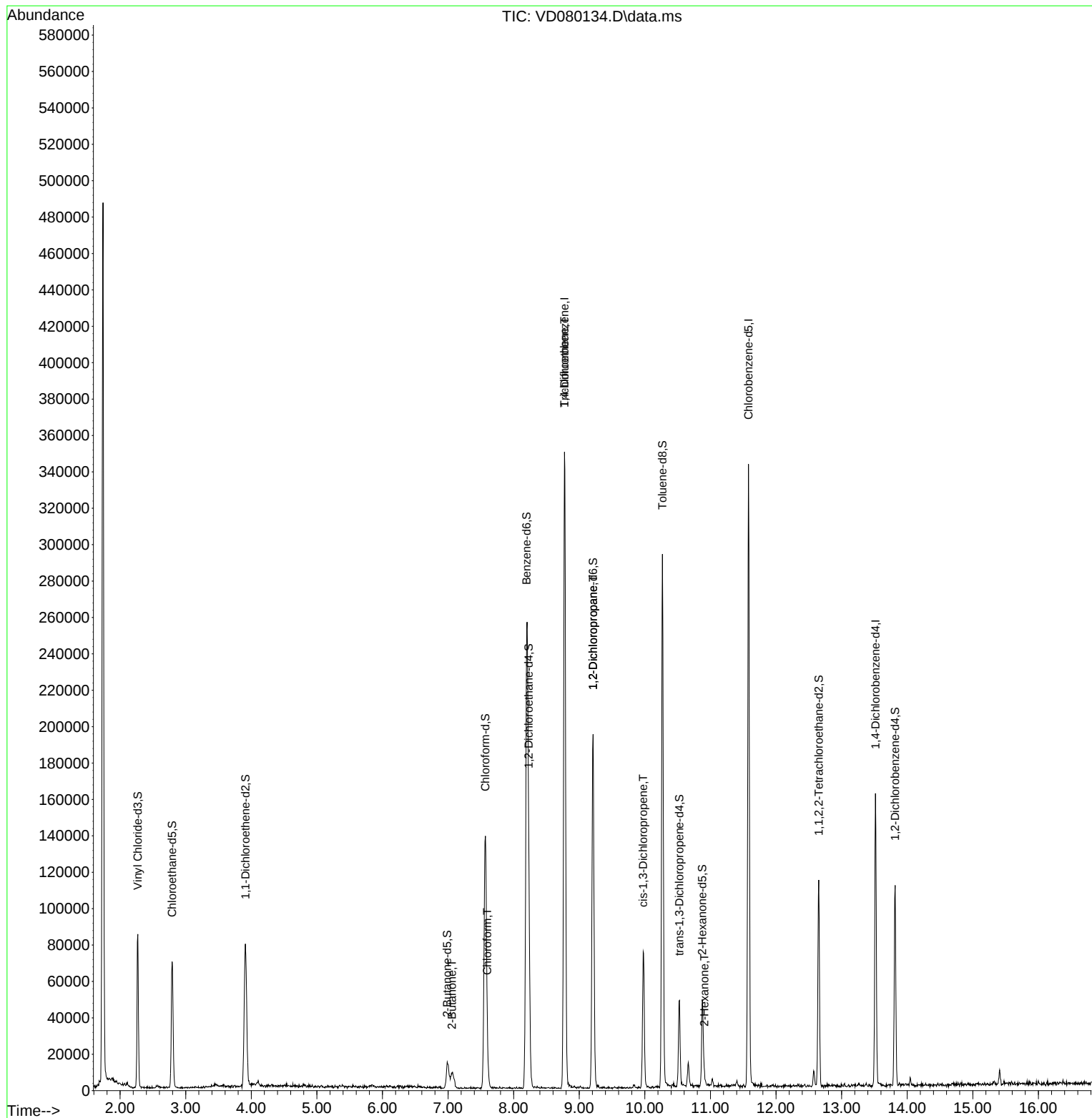
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	316082	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	185459	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	42800	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	80683	16.016	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.080%
7) Chloroethane-d5	2.793	69	78256	17.421	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.680%
11) 1,1-Dichloroethene-d2	3.911	65	23684	12.249	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.000%
21) 2-Butanone-d5	6.987	46	20858	18.543	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	37.080%
24) Chloroform-d	7.569	84	149663	17.149	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	68.600%
26) 1,2-Dichloroethane-d4	8.228	65	81264	17.596	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	70.400%
32) Benzene-d6	8.199	84	274545	24.913	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.640%
36) 1,2-Dichloropropane-d6	9.210	67	100123	26.757	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.040%
41) Toluene-d8	10.269	98	201245	19.329	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.320%
43) trans-1,3-Dichloroprop...	10.528	79	24999	16.317	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.280%
47) 2-Hexanone-d5	10.875	63	14195	25.083	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.160%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	57677	18.012	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.040%
66) 1,2-Dichlorobenzene-d4	13.816	152	29198	18.895	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.560%
Target Compounds						
					Qvalue	
22) 2-Butanone	7.057	43	3109	1.649	ug/L #	48
25) Chloroform	7.599	83	18023	1.727	ug/L	95
34) Trichloroethene	8.775	95	9158	2.516	ug/L #	4
37) 1,2-Dichloropropane	9.210	63	10629	2.769	ug/L #	87
39) cis-1,3-Dichloropropene	9.975	75	2115	0.386	ug/L #	78
48) 2-Hexanone	10.910	43	2404	1.387	ug/L #	45

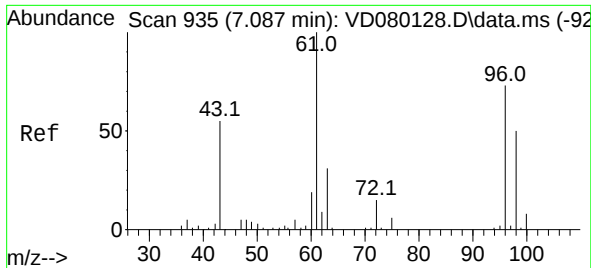
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Dec 12 00:57:48 2024
Response via : Initial Calibration

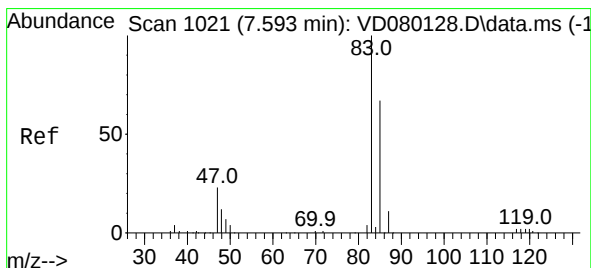
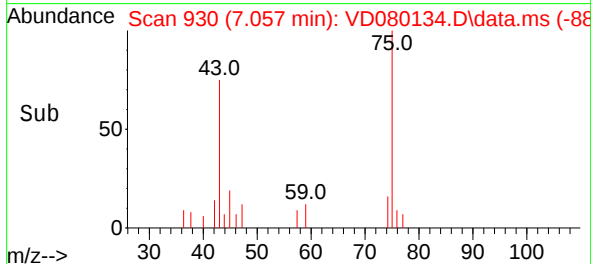
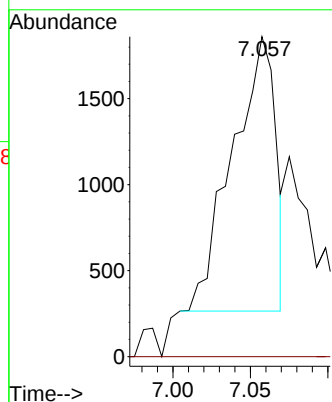
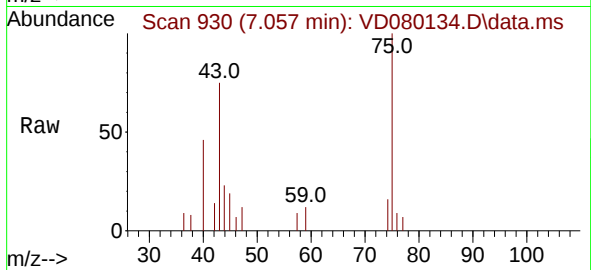




#22
2-Butanone
Concen: 1.649 ug/L
RT: 7.057 min Scan# 91
Delta R.T. -0.029 min
Lab File: VD080134.D
Acq: 11 Dec 2024 18:25

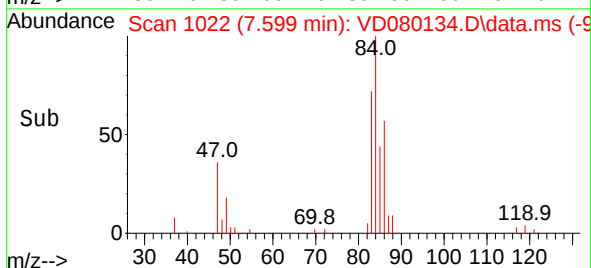
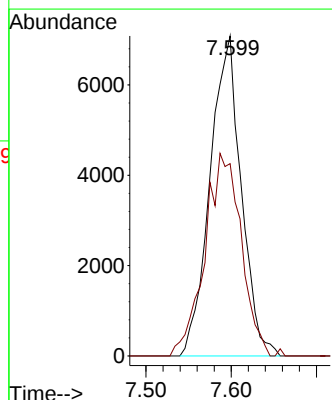
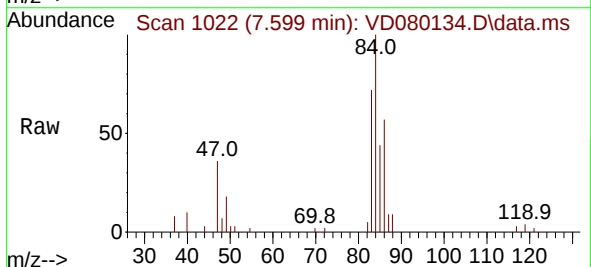
Instrument :
MSVOA_D
ClientSampleId :

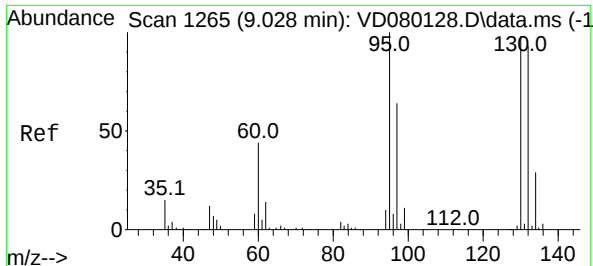
Tgt Ion: 43 Resp: 3109
Ion Ratio Lower Upper
43 100
72 0.0 13.6 40.8#



#25
Chloroform
Concen: 1.727 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD080134.D
Acq: 11 Dec 2024 18:25

Tgt Ion: 83 Resp: 18023
Ion Ratio Lower Upper
83 100
85 60.1 45.0 83.6





#34

Trichloroethene

Concen: 2.516 ug/L

RT: 8.775 min Scan# 1296

Delta R.T. -0.253 min

Lab File: VD080134.D

Acq: 11 Dec 2024 18:25

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 9158

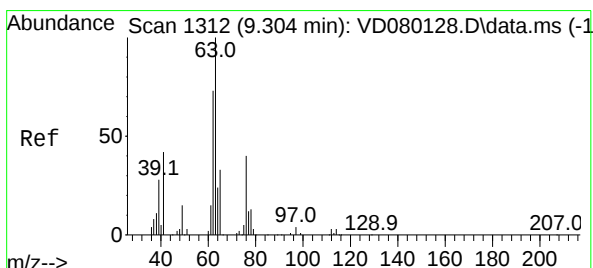
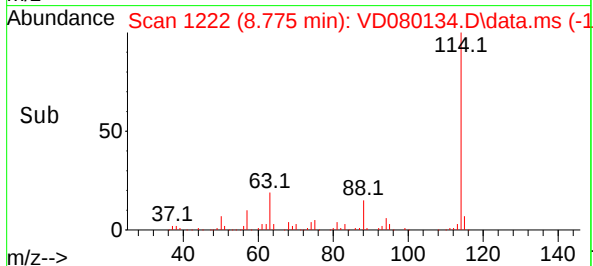
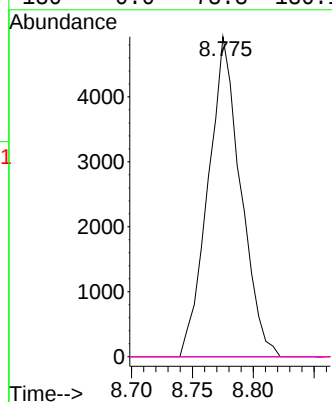
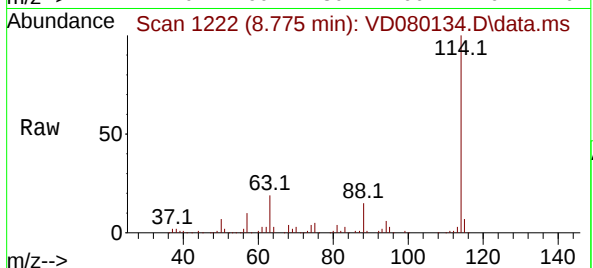
Ion Ratio Lower Upper

95 100

97 0.0 43.7 81.1#

132 0.0 69.4 129.0#

130 0.0 73.3 136.1#



#37

1,2-Dichloropropane

Concen: 2.769 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.094 min

Lab File: VD080134.D

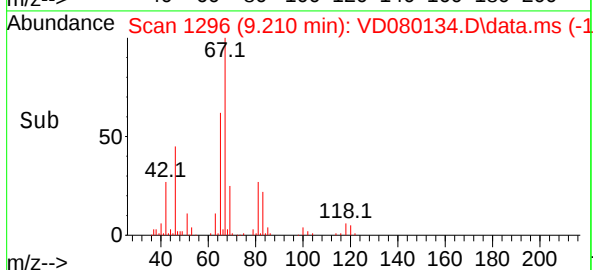
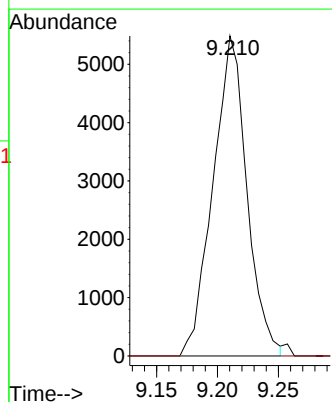
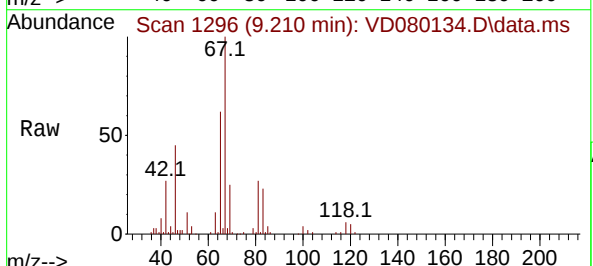
Acq: 11 Dec 2024 18:25

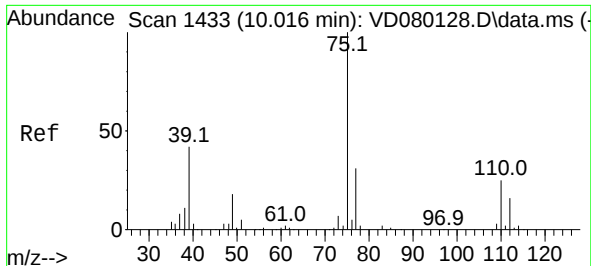
Tgt Ion: 63 Resp: 10629

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#





#39

cis-1,3-Dichloropropene

Concen: 0.386 ug/L

RT: 9.975 min Scan# 1426

Delta R.T. -0.041 min

Lab File: VD080134.D

Acq: 11 Dec 2024 18:25

Instrument :

MSVOA_D

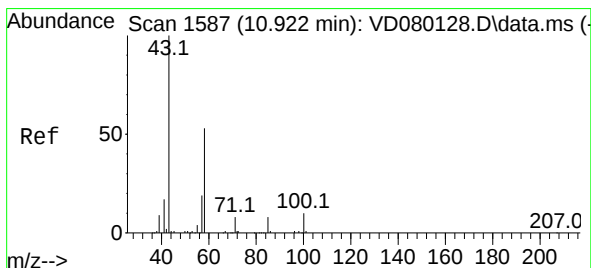
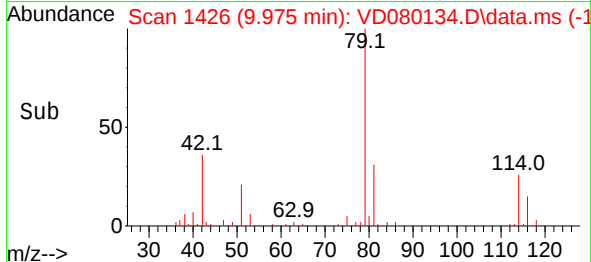
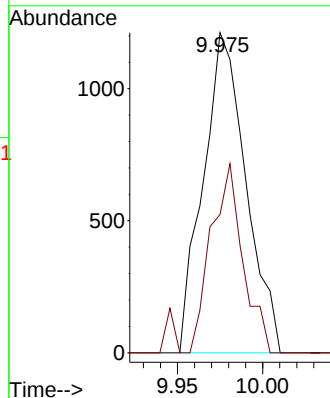
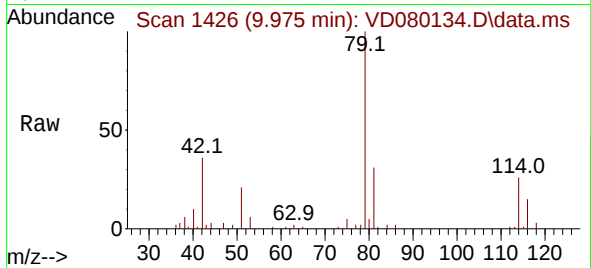
ClientSampleId :

Tgt Ion: 75 Resp: 2115

Ion Ratio Lower Upper

75 100

77 43.2 21.8 40.6#



#48

2-Hexanone

Concen: 1.387 ug/L

RT: 10.910 min Scan# 1585

Delta R.T. -0.012 min

Lab File: VD080134.D

Acq: 11 Dec 2024 18:25

Tgt Ion: 43 Resp: 2404

Ion Ratio Lower Upper

43 100

58 3.0 41.8 62.6#

57 5.2 14.8 22.2#

100 0.0 9.0 13.6#

