

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121823\
 Data File : VD077958.D
 Acq On : 18 Dec 2023 20:08
 Operator : RP/MD
 Sample : 05808-20
 Misc : 6.45G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 18 23:20:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Dec 18 23:16:23 2023
 Response via : Initial Calibration

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

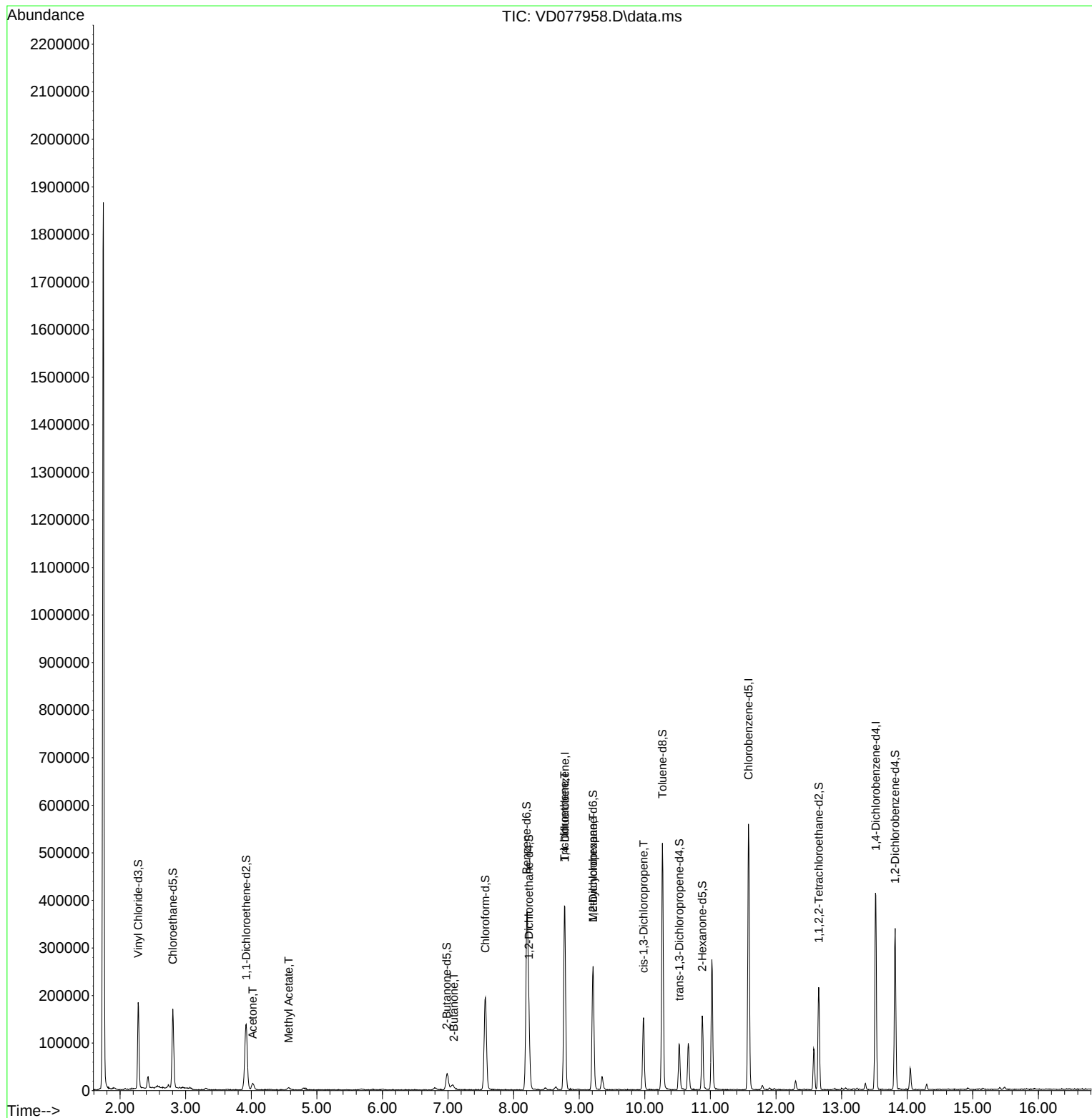
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	353958	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	328192	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	115165	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	171741	17.792	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.160%
7) Chloroethane-d5	2.805	69	168209	21.863	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.440%
11) 1,1-Dichloroethene-d2	3.922	65	38786	15.497	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.000%
21) 2-Butanone-d5	6.981	46	56708	46.484	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.960%
24) Chloroform-d	7.569	84	207676	21.769	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.080%
26) 1,2-Dichloroethane-d4	8.234	65	112309	23.236	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.960%
32) Benzene-d6	8.199	84	405236	20.502	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	9.210	67	131565	21.815	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.280%
41) Toluene-d8	10.269	98	361320	19.860	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.440%
43) trans-1,3-Dichloroprop...	10.528	79	56477	21.177	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.720%
47) 2-Hexanone-d5	10.875	63	55133	53.052	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.100%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	111844	25.664	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.640%
66) 1,2-Dichlorobenzene-d4	13.816	152	90269	21.910	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.640%
Target Compounds						
					Qvalue	
13) Acetone	4.022	43	22964	14.692	ug/L	99
15) Methyl Acetate	4.569	43	7031	3.142	ug/L #	84
22) 2-Butanone	7.087	43	2316	1.316	ug/L #	33
34) Trichloroethene	8.775	95	9574	1.806	ug/L #	5
35) Methylcyclohexane	9.210	83	30297	3.218	ug/L #	22
39) cis-1,3-Dichloropropene	9.981	75	4284	0.493	ug/L #	66

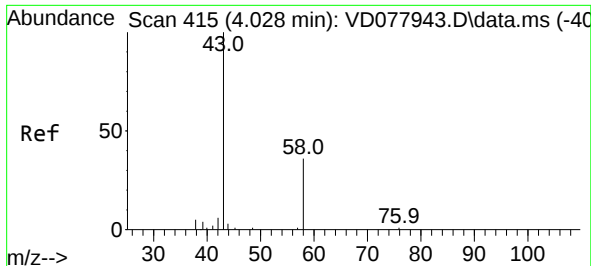
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Mon Dec 18 23:16:23 2023
Response via : Initial Calibration





#13

Acetone

Concen: 14.692 ug/L

RT: 4.022 min Scan# 415

Delta R.T. -0.006 min

Lab File: VD077958.D

Acq: 18 Dec 2023 20:08

Instrument :

MSVOA_D

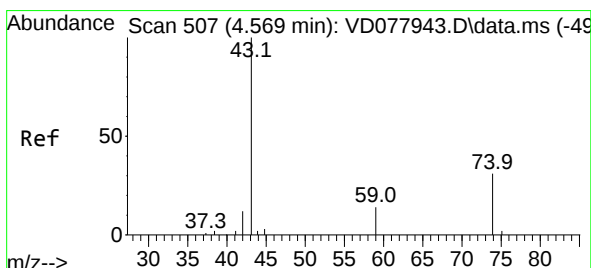
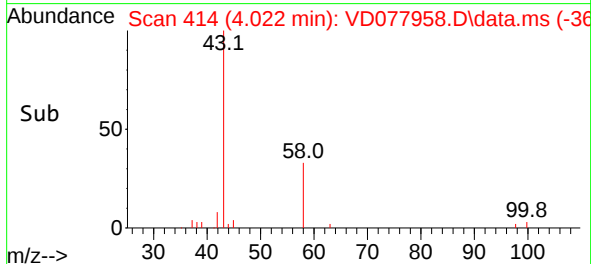
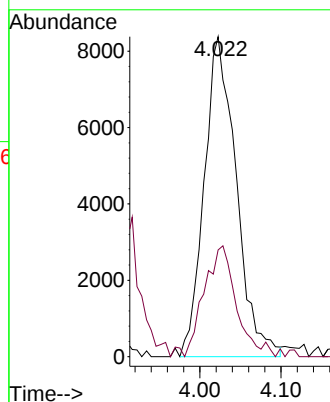
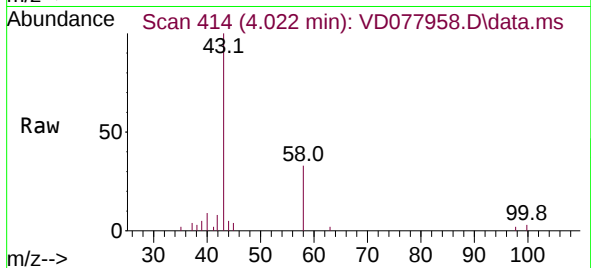
ClientSampleId :

Tgt Ion: 43 Resp: 22964

Ion Ratio Lower Upper

43 100

58 33.9 0.0 67.2



#15

Methyl Acetate

Concen: 3.142 ug/L

RT: 4.569 min Scan# 507

Delta R.T. 0.000 min

Lab File: VD077958.D

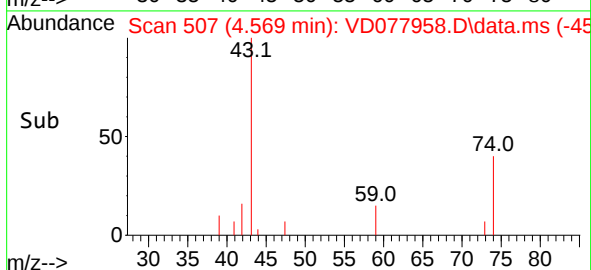
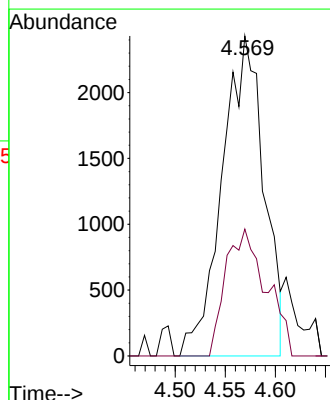
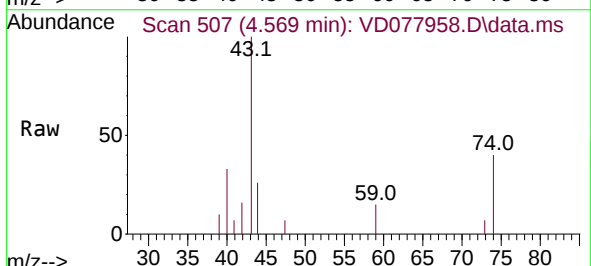
Acq: 18 Dec 2023 20:08

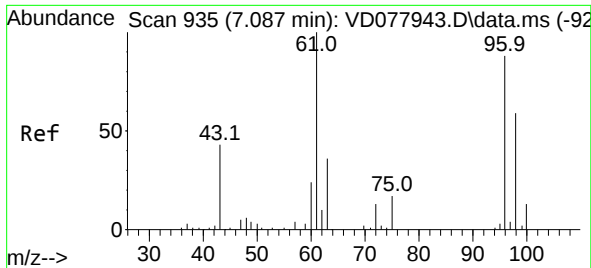
Tgt Ion: 43 Resp: 7031

Ion Ratio Lower Upper

43 100

74 15.3 18.6 27.8#

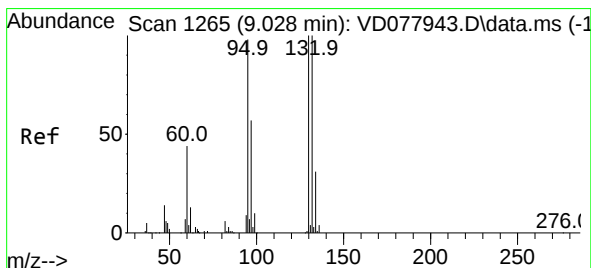
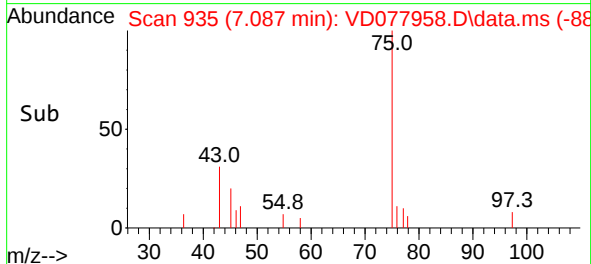
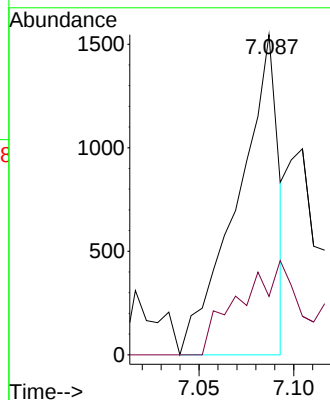
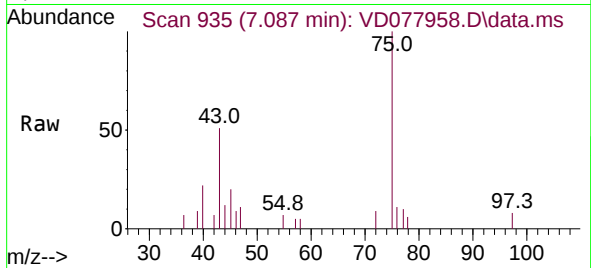




#22
2-Butanone
Concen: 1.316 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077958.D
Acq: 18 Dec 2023 20:08

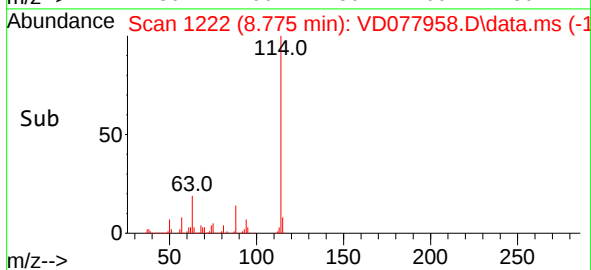
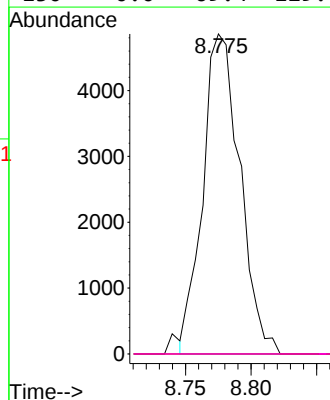
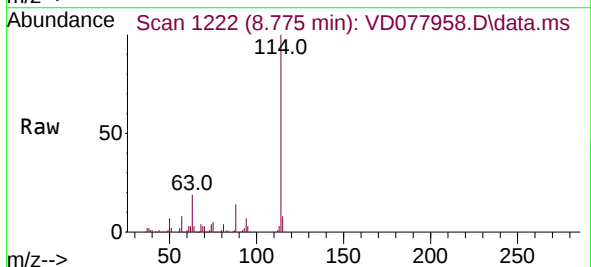
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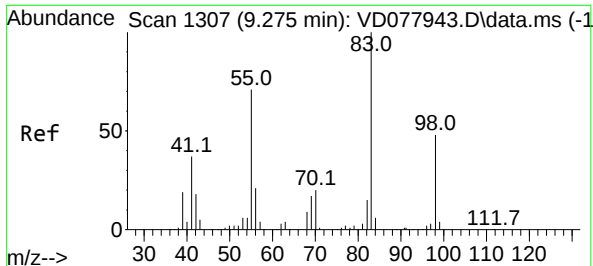
Tgt Ion: 43 Resp: 2316
Ion Ratio Lower Upper
43 100
72 41.8 7.2 21.6#



#34
Trichloroethene
Concen: 1.806 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD077958.D
Acq: 18 Dec 2023 20:08

Tgt Ion: 95 Resp: 9574
Ion Ratio Lower Upper
95 100
97 0.0 44.2 82.0#
132 0.0 67.5 125.3#
130 0.0 69.4 129.0#





#35

Methylcyclohexane

Concen: 3.218 ug/L

RT: 9.210 min Scan# 11

Delta R.T. -0.065 min

Lab File: VD077958.D

Acq: 18 Dec 2023 20:08

Instrument :

MSVOA_D

ClientSampleId :

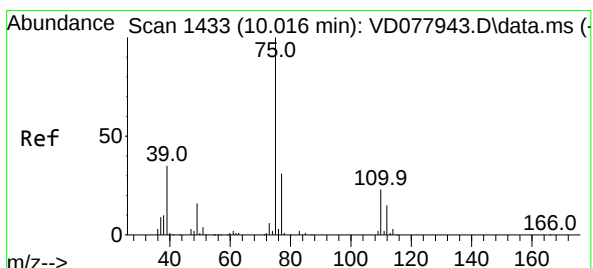
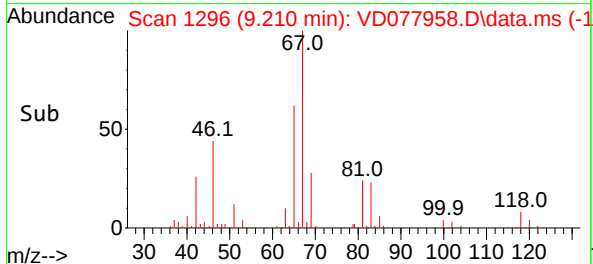
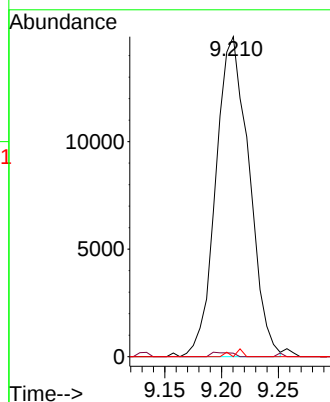
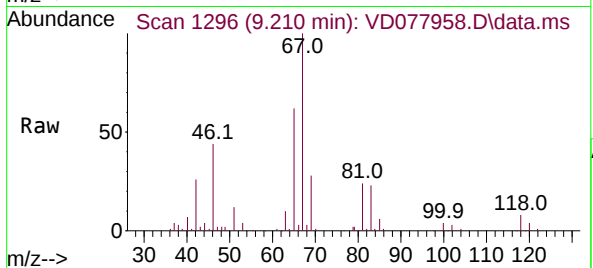
Tgt Ion: 83 Resp: 30297

Ion Ratio Lower Upper

83 100

55 4.8 59.8 89.6#

98 0.4 38.5 57.7#



#39

cis-1,3-Dichloropropene

Concen: 0.493 ug/L

RT: 9.981 min Scan# 1427

Delta R.T. -0.035 min

Lab File: VD077958.D

Acq: 18 Dec 2023 20:08

Tgt Ion: 75 Resp: 4284

Ion Ratio Lower Upper

75 100

77 48.5 21.2 39.4#

