

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121823\
 Data File : VD077946.D
 Acq On : 18 Dec 2023 14:44
 Operator : RP/MD
 Sample : 05808-06
 Misc : 5.41G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 18 23:17:28 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

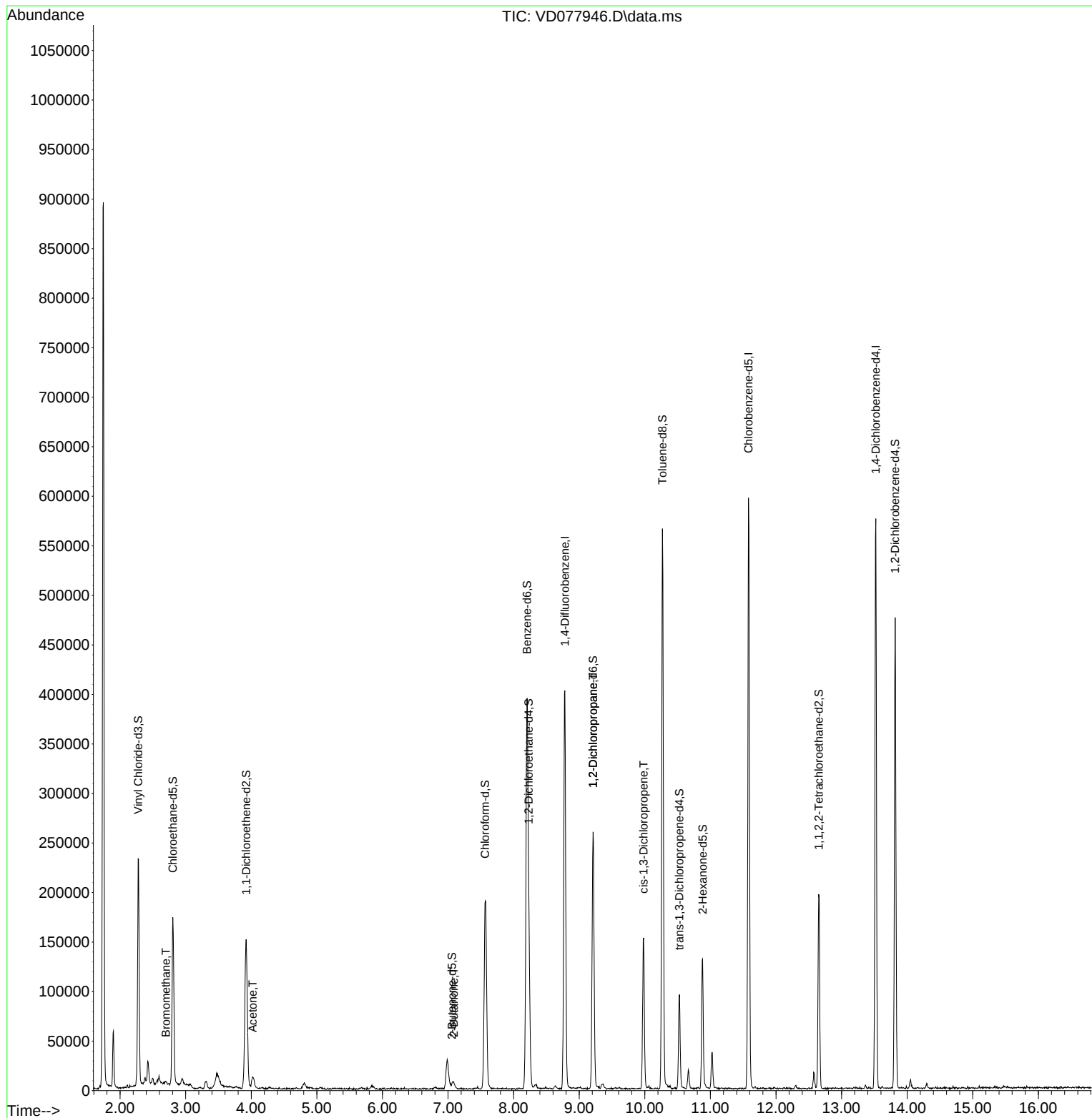
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	371395	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	348774	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	157610	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	189517	18.712	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	74.840%	
7) Chloroethane-d5	2.805	69	182539	22.612	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	90.440%	
11) 1,1-Dichloroethene-d2	3.922	65	44081	16.786	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	67.160%	
21) 2-Butanone-d5	7.058	46	1047	0.818	ug/L	0.07
Spiked Amount	50.000	Range 20 - 135	Recovery	=	1.640%#	
24) Chloroform-d	7.563	84	208446	20.824	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	83.280%	
26) 1,2-Dichloroethane-d4	8.228	65	104879	20.680	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	82.720%	
32) Benzene-d6	8.204	84	426966	20.326	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	81.320%	
36) 1,2-Dichloropropane-d6	9.210	67	131683	20.546	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	82.200%	
41) Toluene-d8	10.269	98	395971	20.480	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	81.920%	
43) trans-1,3-Dichloroprop...	10.528	79	55618	19.624	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	78.480%	
47) 2-Hexanone-d5	10.881	63	48331	43.762	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	87.520%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	102414	22.113	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	88.440%	
66) 1,2-Dichlorobenzene-d4	13.816	152	129077	22.892	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	91.560%	
Target Compounds						
6) Bromomethane	2.699	94	2032	0.362	ug/L #	63
13) Acetone	4.022	43	20423	12.453	ug/L	97
22) 2-Butanone	7.087	43	6513	3.528	ug/L #	74
37) 1,2-Dichloropropane	9.210	63	14390	2.431	ug/L #	87
39) cis-1,3-Dichloropropene	9.981	75	4246	0.459	ug/L #	51

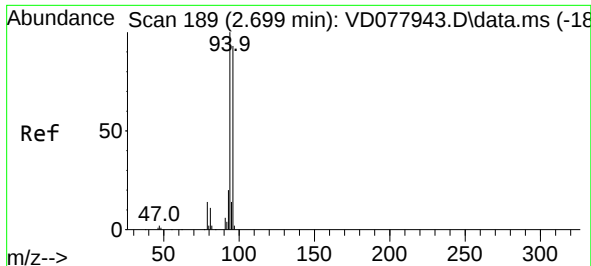
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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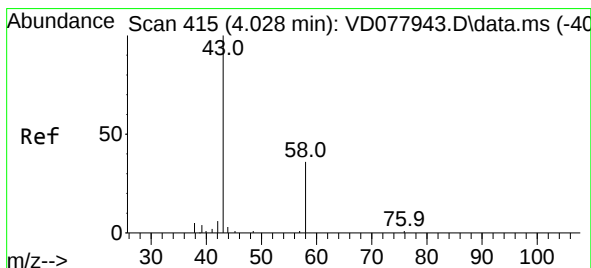
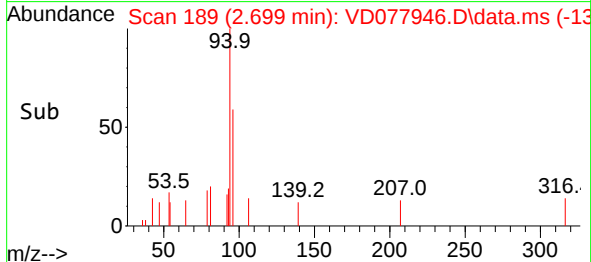
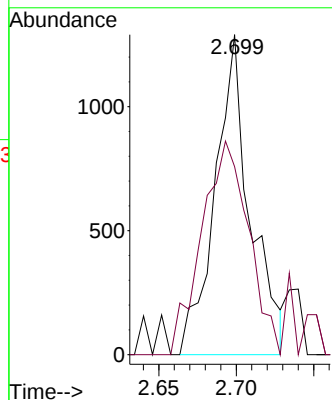
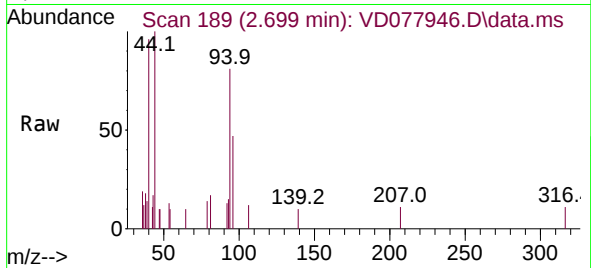




#6
Bromomethane
Concen: 0.362 ug/L
RT: 2.699 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077946.D
Acq: 18 Dec 2023 14:44

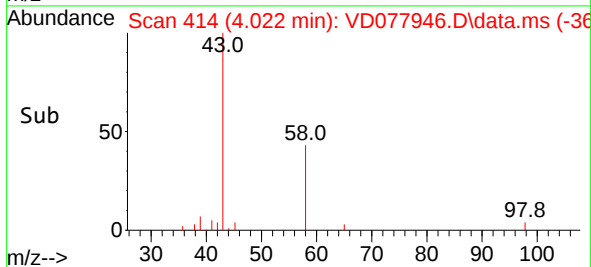
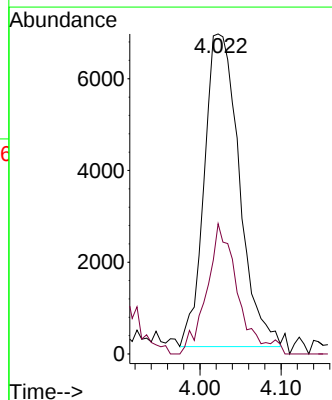
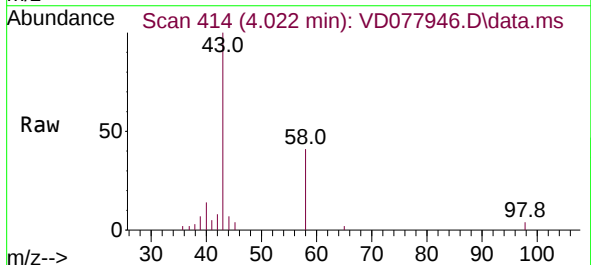
Instrument :
MSVOA_D
ClientSampleId :

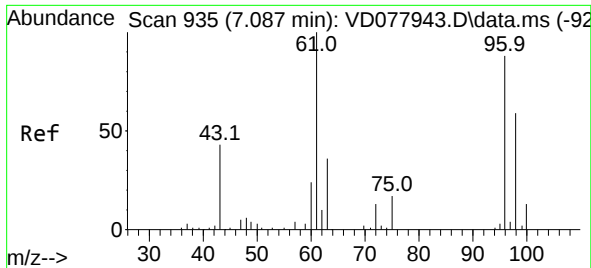
Tgt Ion: 94 Resp: 2032
Ion Ratio Lower Upper
94 100
96 58.8 66.0 122.6#



#13
Acetone
Concen: 12.453 ug/L
RT: 4.022 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD077946.D
Acq: 18 Dec 2023 14:44

Tgt Ion: 43 Resp: 20423
Ion Ratio Lower Upper
43 100
58 35.1 0.0 67.2

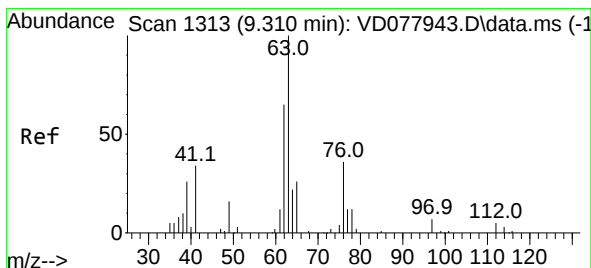
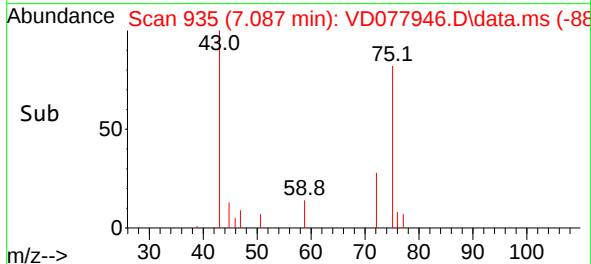
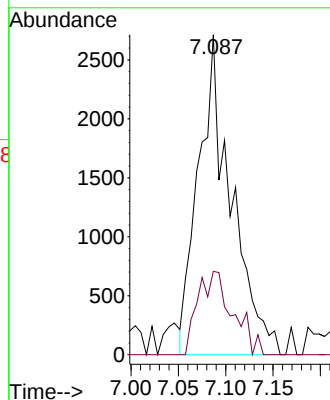
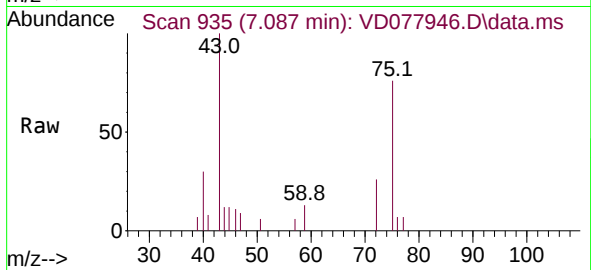




#22
2-Butanone
Concen: 3.528 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
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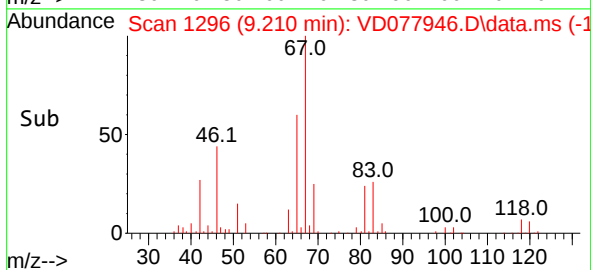
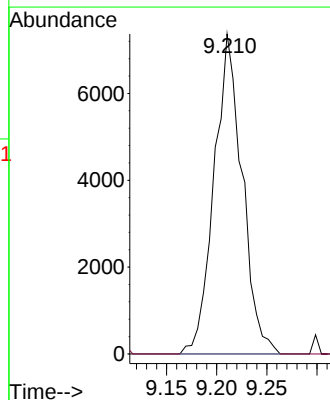
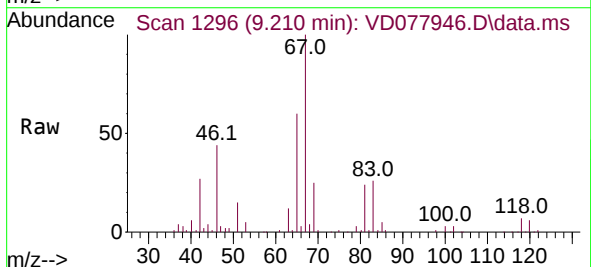
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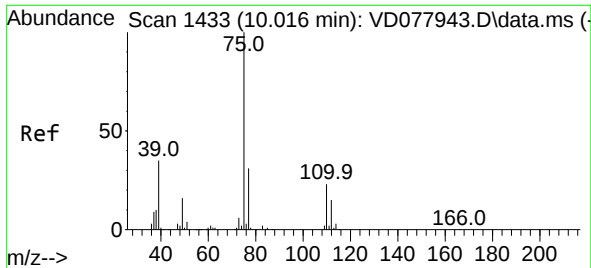
Tgt Ion: 43 Resp: 6513
Ion Ratio Lower Upper
43 100
72 24.9 7.2 21.6#



#37
1,2-Dichloropropane
Concen: 2.431 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.100 min
Lab File: VD077946.D
Acq: 18 Dec 2023 14:44

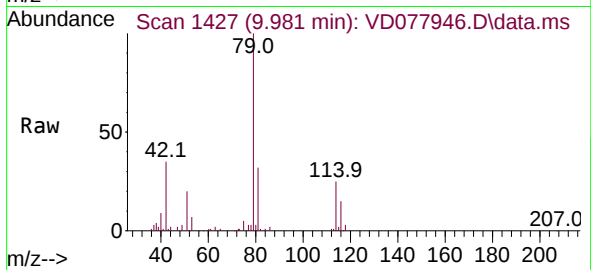
Tgt Ion: 63 Resp: 14390
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





#39
 cis-1,3-Dichloropropene
 Concen: 0.459 ug/L
 RT: 9.981 min Scan# 14
 Delta R.T. -0.035 min
 Lab File: VD077946.D
 Acq: 18 Dec 2023 14:44

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 4246
 Ion Ratio Lower Upper
 75 100
 77 56.9 21.2 39.4#

