

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112123\
 Data File : VD077649.D
 Acq On : 21 Nov 2023 17:01
 Operator : JC/SY
 Sample : 05437-01RE
 Misc : 2.99G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 22 01:42:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 22 01:40:25 2023
 Response via : Initial Calibration

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

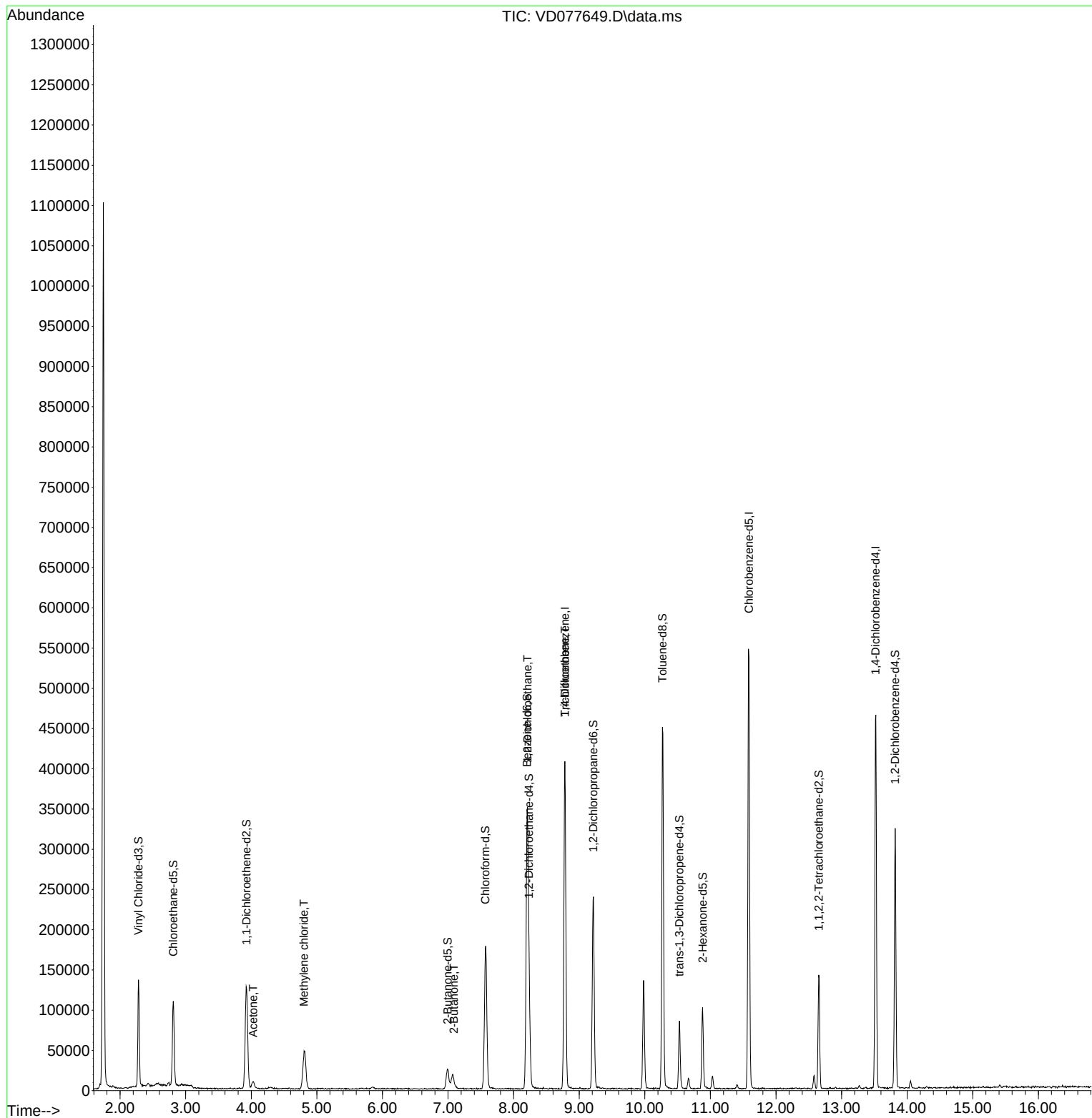
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	343695	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	303099	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	120764	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	121245	13.867	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.480%
7) Chloroethane-d5	2.811	69	109907	16.002	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.000%
11) 1,1-Dichloroethene-d2	3.928	65	40415	14.949	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.800%
21) 2-Butanone-d5	6.993	46	46701	30.852	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.700%
24) Chloroform-d	7.569	84	183726	18.505	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.000%
26) 1,2-Dichloroethane-d4	8.234	65	96289	18.232	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.920%
32) Benzene-d6	8.205	84	353838	17.987	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.960%
36) 1,2-Dichloropropane-d6	9.216	67	118372	18.473	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	73.880%
41) Toluene-d8	10.269	98	307620	17.305	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.240%
43) trans-1,3-Dichloroprop...	10.528	79	46396	16.793	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.160%
47) 2-Hexanone-d5	10.881	63	34374	29.987	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.980%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	73218	17.246	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.000%
66) 1,2-Dichlorobenzene-d4	13.816	152	80602	18.761	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.040%
Target Compounds						
					Qvalue	
13) Acetone	4.028	43	16123	10.133	ug/L	96
16) Methylene chloride	4.805	84	33880	5.838	ug/L	97
22) 2-Butanone	7.087	43	4342	2.268	ug/L	79
27) 1,2-Dichloroethane	8.210	62	2163	0.344	ug/L #	73
34) Trichloroethene	8.781	95	10852	2.084	ug/L #	10

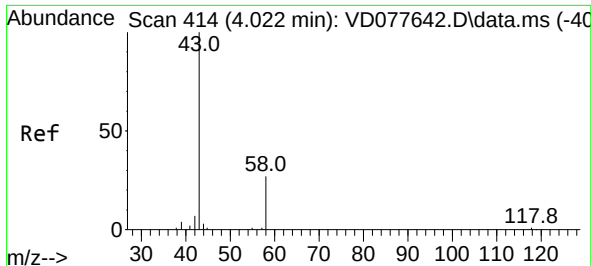
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.133 ug/L

RT: 4.028 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD077649.D

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Instrument :

MSVOA_D

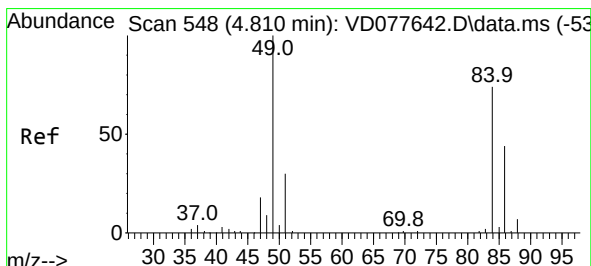
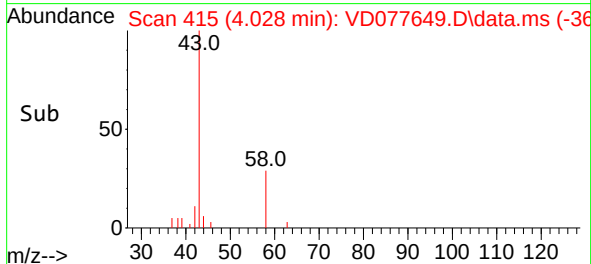
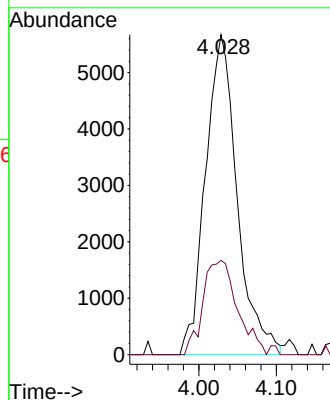
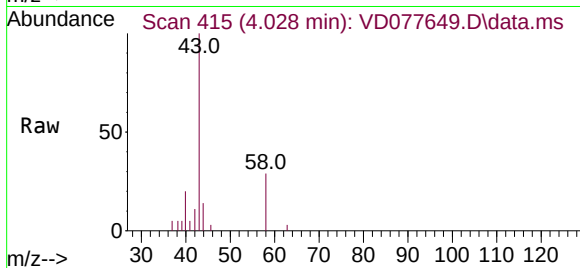
ClientSampleId :

Tgt Ion: 43 Resp: 16123

Ion Ratio Lower Upper

43 100

58 29.8 0.0 64.0



#16

Methylene chloride

Concen: 5.838 ug/L

RT: 4.805 min Scan# 547

Delta R.T. -0.006 min

Lab File: VD077649.D

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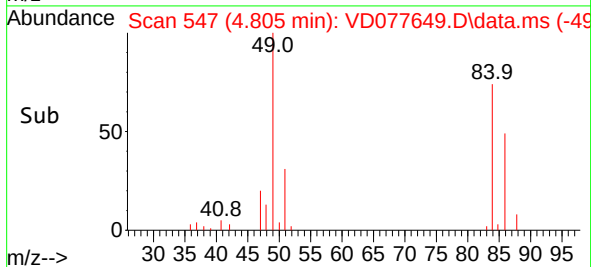
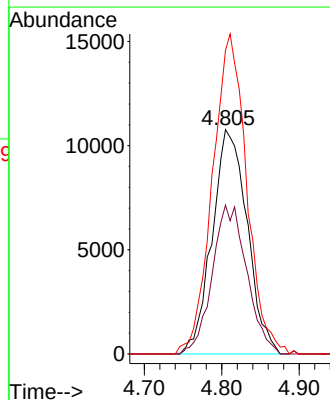
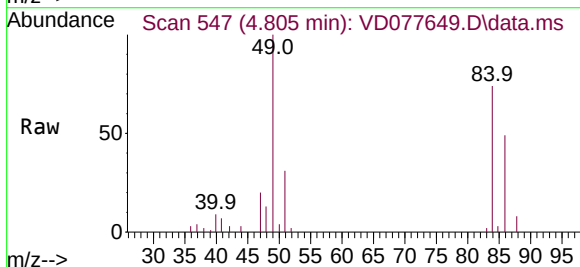
Tgt Ion: 84 Resp: 33880

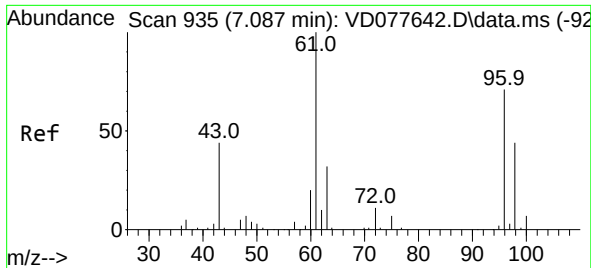
Ion Ratio Lower Upper

84 100

86 66.3 46.5 86.5

49 135.3 98.3 182.7

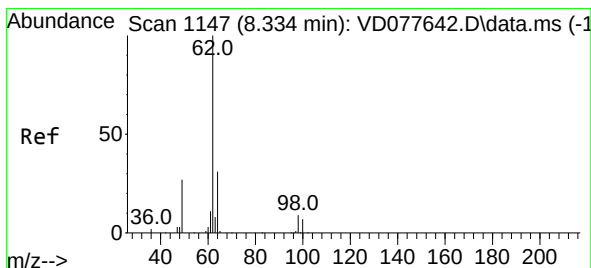
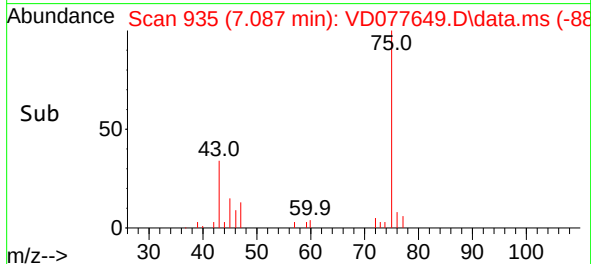
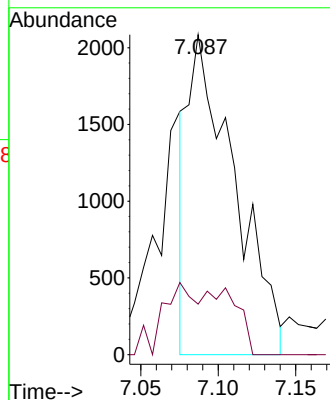
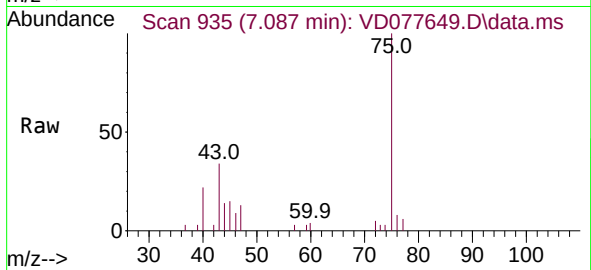




#22
2-Butanone
Concen: 2.268 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077649.D
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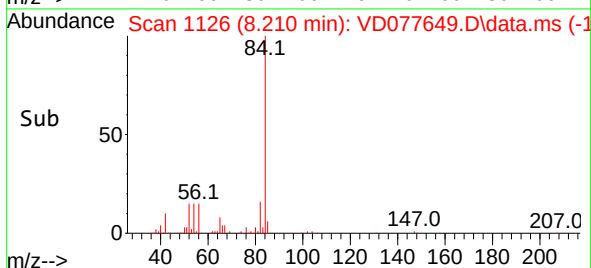
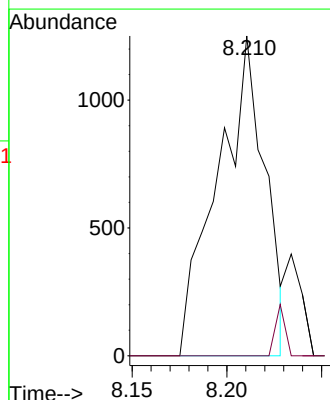
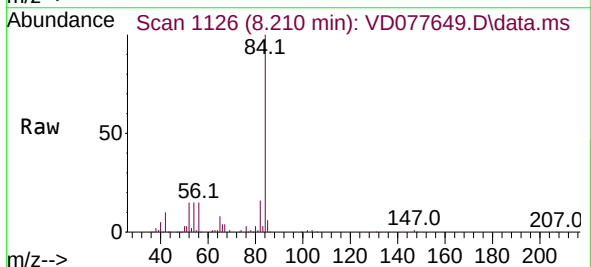
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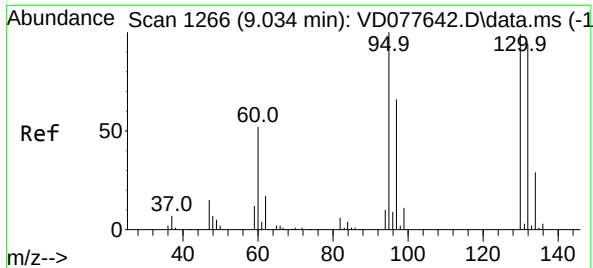
Tgt Ion: 43 Resp: 4342
Ion Ratio Lower Upper
43 100
72 15.0 12.8 38.4



#27
1,2-Dichloroethane
Concen: 0.344 ug/L
RT: 8.210 min Scan# 1126
Delta R.T. -0.123 min
Lab File: VD077649.D
Acq: 21 Nov 2023 17:01

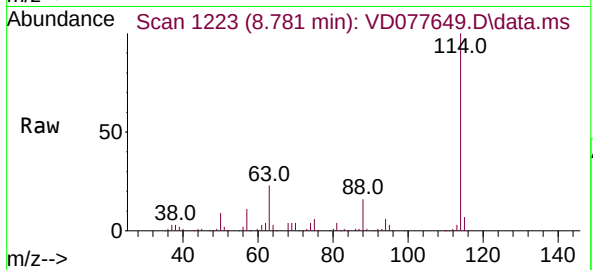
Tgt Ion: 62 Resp: 2163
Ion Ratio Lower Upper
62 100
98 0.0 8.0 12.0#





#34
 Trichloroethene
 Concen: 2.084 ug/L
 RT: 8.781 min Scan# 11
 Delta R.T. -0.253 min
 Lab File: VD077649.D
 Acq: 21 Nov 2023 17:01

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	95	Resp:	10852
Ion	Ratio	Lower	Upper
95	100		
97	0.0	42.4	78.6#
132	0.0	59.4	110.2#
130	0.0	62.5	116.1#

