

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032923\
 Data File : VD075536.D
 Acq On : 29 Mar 2023 17:03
 Operator : KP/SY
 Sample : 02121-15
 Misc : 5.04G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C1188

Quant Time: Mar 31 02:16:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 31 01:28:39 2023
 Response via : Initial Calibration

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

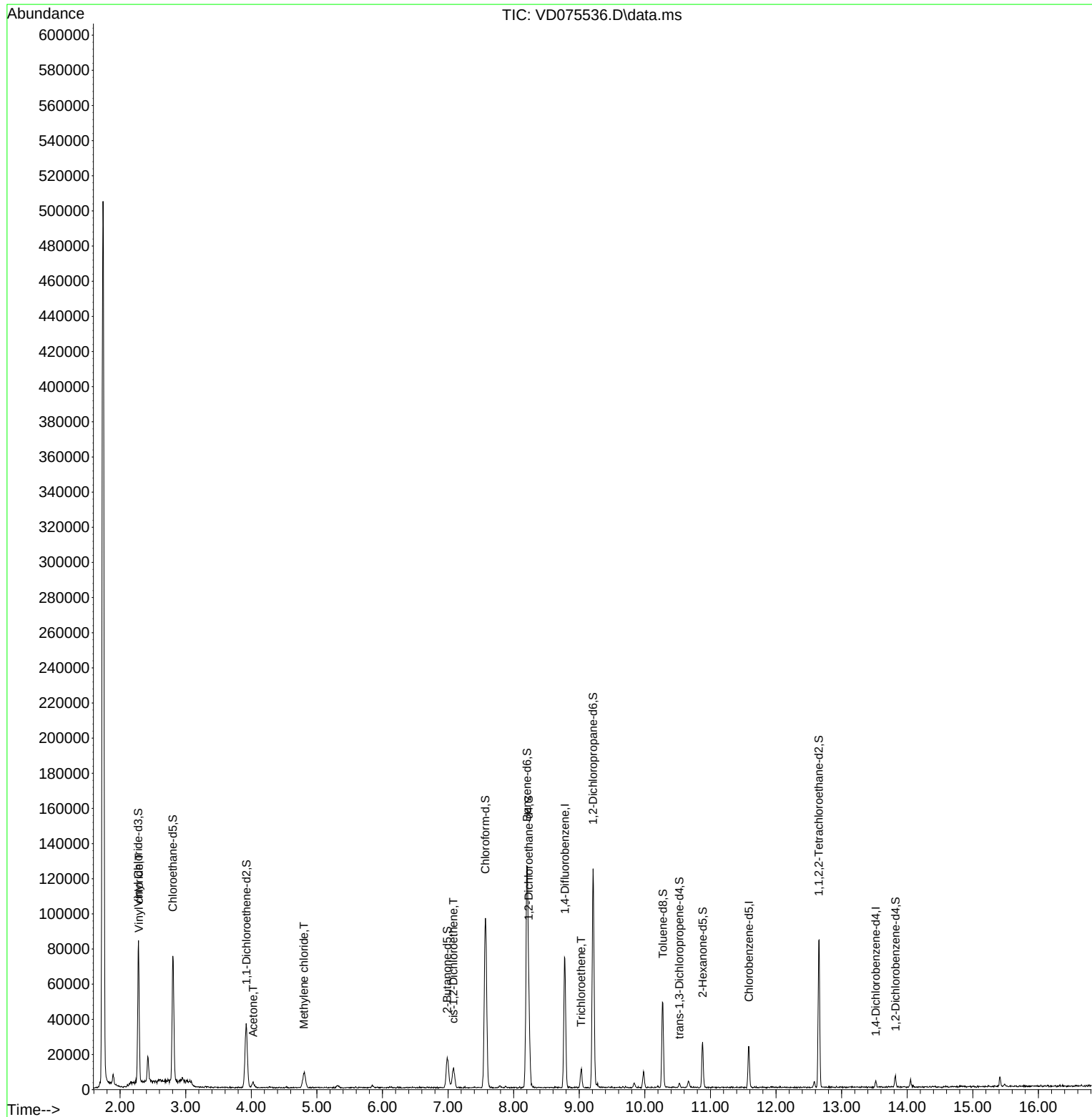
Internal Standards							
1) 1,4-Difluorobenzene		8.781	114	73115	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.587	117	15735	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.522	152	1397	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.275	65	56979	31.386	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 125.560%		
7) Chloroethane-d5		2.805	69	78222	49.789	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 199.160%#		
11) 1,1-Dichloroethene-d2		3.928	63	31229	18.416	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 73.680%		
21) 2-Butanone-d5		6.987	46	27930	166.020	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 332.040%#		
24) Chloroform-d		7.569	84	108476	56.613	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 226.440%#		
26) 1,2-Dichloroethane-d4		8.228	65	29856	35.967	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 143.880%#		
32) Benzene-d6		8.204	84	150028	160.549	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 642.200%#		
36) 1,2-Dichloropropane-d6		9.210	67	63060	238.760	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 955.040%#		
41) Toluene-d8		10.275	98	37545	44.042	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 176.160%#		
43) trans-1,3-Dichloroprop...		10.528	79	1859	17.224	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 68.880%		
47) 2-Hexanone-d5		10.881	63	9562	250.959	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 501.920%#		
56) 1,1,2,2-Tetrachloroeth...		12.651	84	44805	202.804	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 811.200%#		
66) 1,2-Dichlorobenzene-d4		13.822	152	2169	44.387	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 177.560%#		
Target Compounds						Qvalue	
5) Vinyl chloride		2.287	62	19888	8.360	ug/L	98
13) Acetone		4.028	43	4736	24.921	ug/L	97
16) Methylene chloride		4.805	84	7747	5.017	ug/L	92
20) cis-1,2-Dichloroethene		7.081	96	7751	5.909	ug/L	87
34) Trichloroethene		9.028	95	3809	12.898	ug/L	92

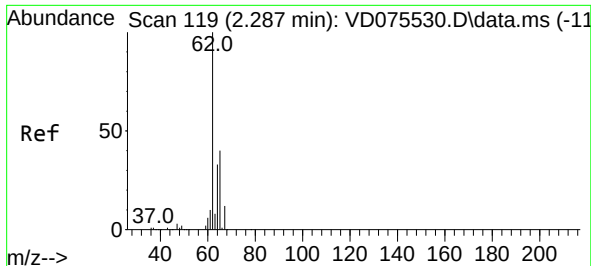
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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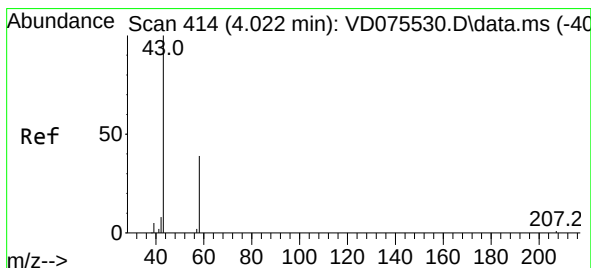
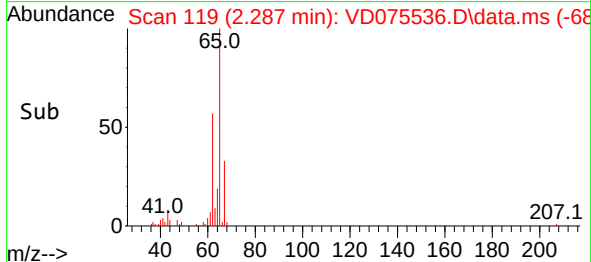
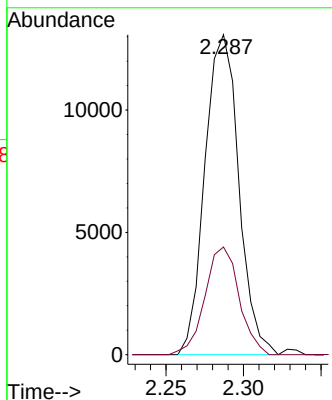
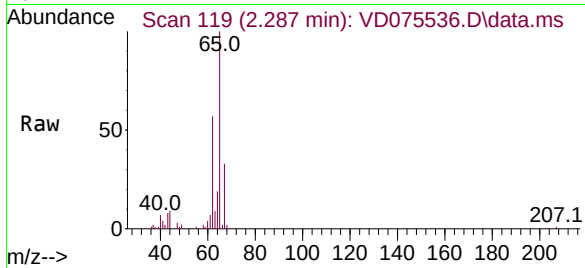




#5
 Vinyl chloride
 Concen: 8.360 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD075536.D
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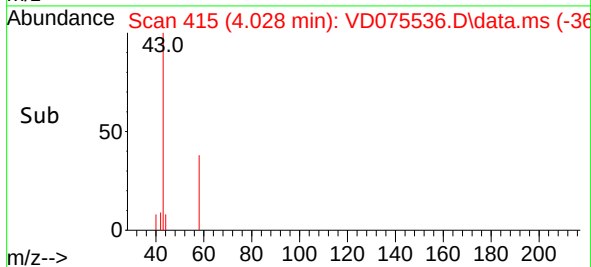
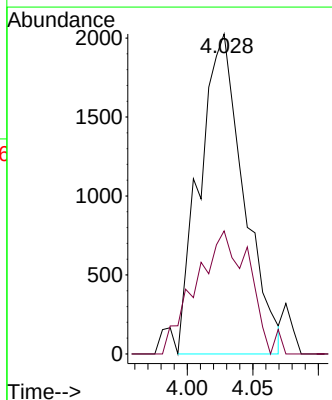
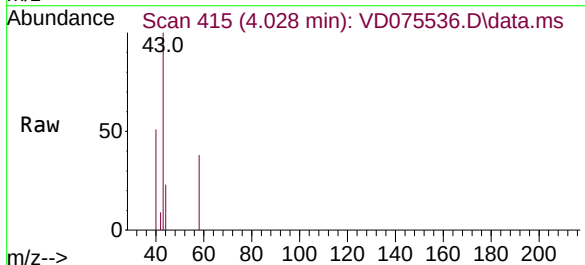
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 MSVOA_D
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 C1188

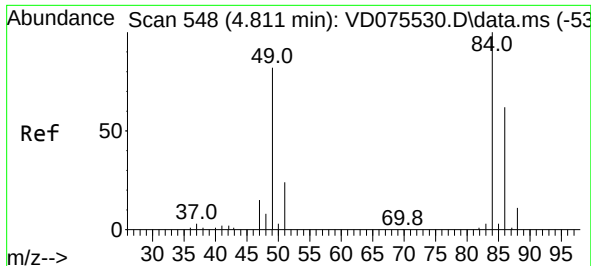
Tgt Ion: 62 Resp: 19888
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.7 42.3



#13
 Acetone
 Concen: 24.921 ug/L
 RT: 4.028 min Scan# 415
 Delta R.T. 0.000 min
 Lab File: VD075536.D
 Acq: 29 Mar 2023 17:03

Tgt Ion: 43 Resp: 4736
 Ion Ratio Lower Upper
 43 100
 58 36.0 0.0 75.4

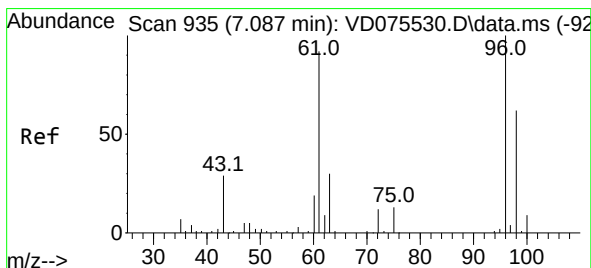
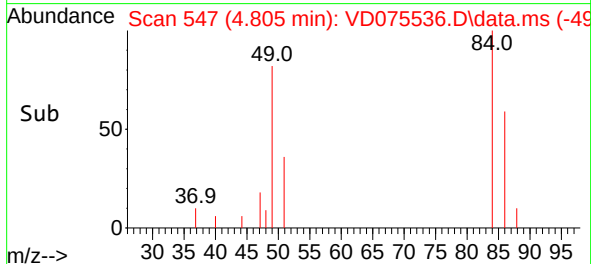
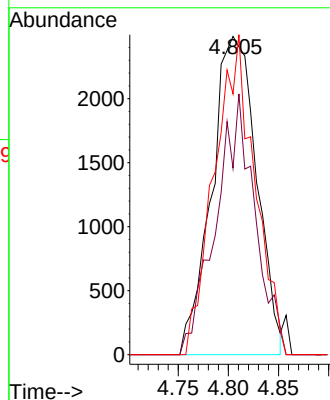
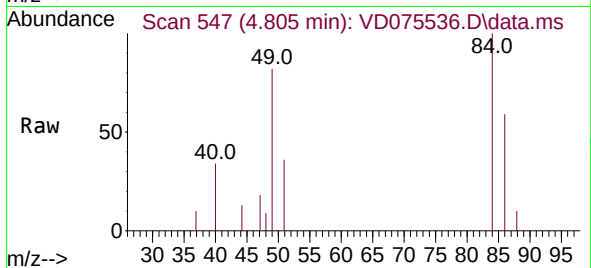




#16
Methylene chloride
Concen: 5.017 ug/L
RT: 4.805 min Scan# 548
Delta R.T. 0.000 min
Lab File: VD075536.D
Acq: 29 Mar 2023 17:03

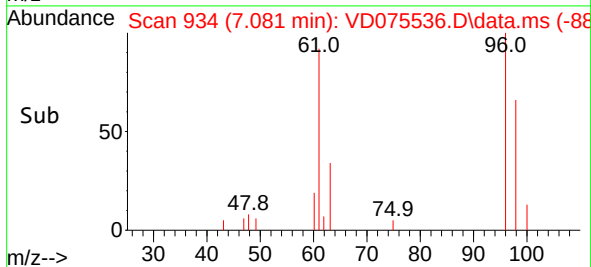
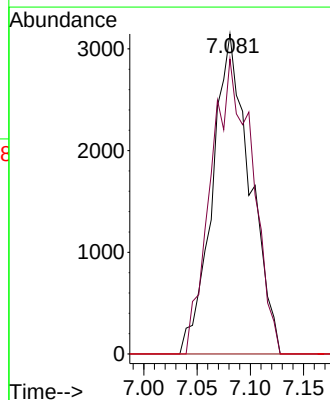
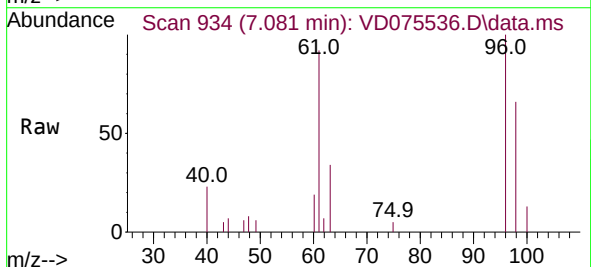
Instrument :
MSVOA_D
ClientSampleId :
C1188

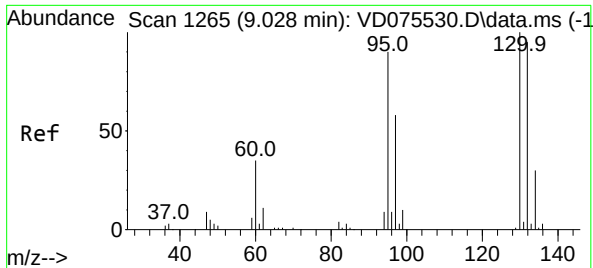
Tgt Ion: 84	Resp: 7747		
Ion Ratio	Lower	Upper	
84	100		
86	58.6	44.2	82.2
49	82.0	63.6	118.2



#20
cis-1,2-Dichloroethene
Concen: 5.909 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD075536.D
Acq: 29 Mar 2023 17:03

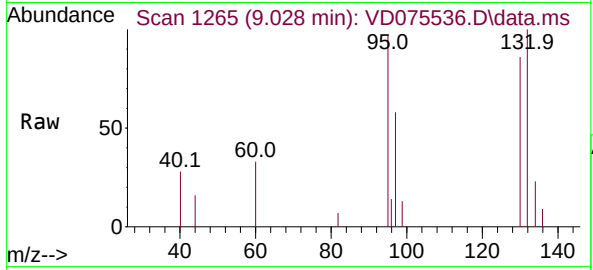
Tgt Ion: 96	Resp: 7751
Ion Ratio	Lower Upper
96 100	
61 92.2	73.9 137.3
68 0.0	0.0 0.0





#34
 Trichloroethene
 Concen: 12.898 ug/L
 RT: 9.028 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD075536.D
 Acq: 29 Mar 2023 17:03

Instrument :
 MSVOA_D
 ClientSampleId :
 C1188



Tgt Ion: 95 Resp: 3809

Ion	Ratio	Lower	Upper
95	100		
97	59.6	44.7	83.1
132	102.7	70.0	130.0
130	88.3	72.2	134.2

