

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050823\
 Data File : VD076043.D
 Acq On : 08 May 2023 17:03
 Operator : KP/SY
 Sample : 02591-31
 Misc : 3.58G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JREF0

Quant Time: May 09 02:37:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 06 00:21:26 2023
 Response via : Initial Calibration

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

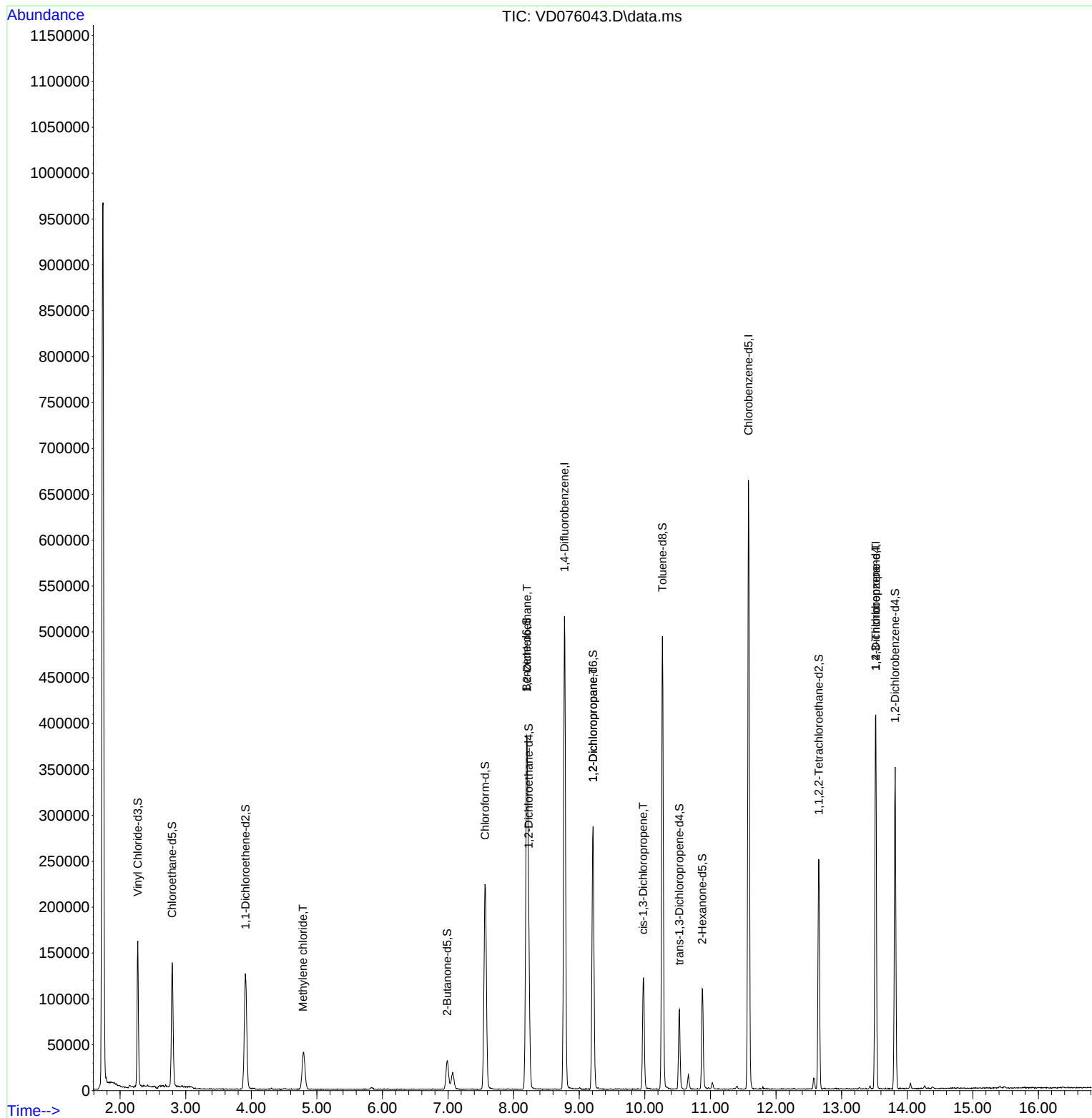
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	506855	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	423696	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	126760	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	144662	13.010	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.040%
7) Chloroethane-d5	2.793	69	149834	15.596	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.400%
11) 1,1-Dichloroethene-d2	3.910	65	34521	13.466	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.880%
21) 2-Butanone-d5	6.987	46	54358	56.313	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.620%
24) Chloroform-d	7.563	84	253474	19.998	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.000%
26) 1,2-Dichloroethane-d4	8.228	65	108929	20.125	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.480%
32) Benzene-d6	8.198	84	441641	17.884	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.520%
36) 1,2-Dichloropropane-d6	9.210	67	154457	22.597	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.400%
41) Toluene-d8	10.269	98	366616	15.858	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	63.440%
43) trans-1,3-Dichloroprop...	10.528	79	51199	18.122	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.480%
47) 2-Hexanone-d5	10.875	63	40953	49.760	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.520%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	130988	25.043	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.160%
66) 1,2-Dichlorobenzene-d4	13.816	152	102318	22.820	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.280%
Target Compounds						Qvalue
16) Methylene chloride	4.787	84	17515	1.703	ug/L	92
27) 1,2-Dichloroethane	8.204	62	1995	0.315	ug/L #	68
37) 1,2-Dichloropropane	9.210	63	14903	2.531	ug/L #	85
39) cis-1,3-Dichloropropene	9.975	75	3317	0.354	ug/L #	75
61) 1,2,3-Trichloropropane	13.522	75	13256	6.657	ug/L #	65

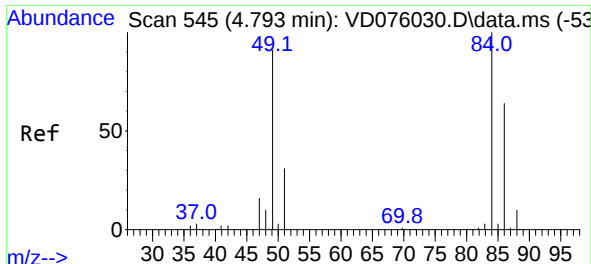
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 06 00:21:26 2023
Response via : Initial Calibration

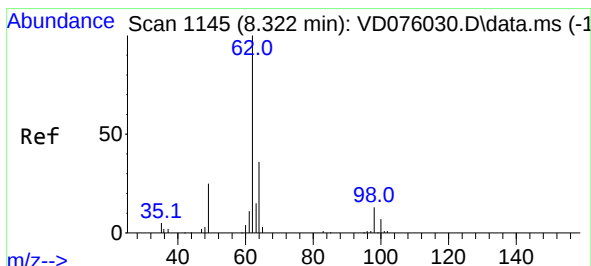
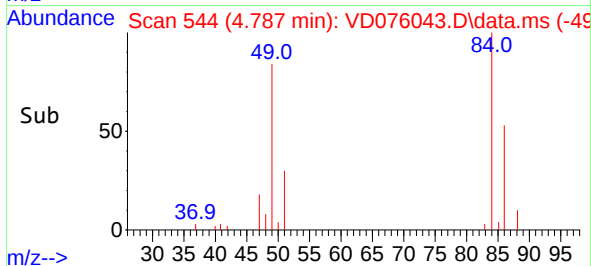
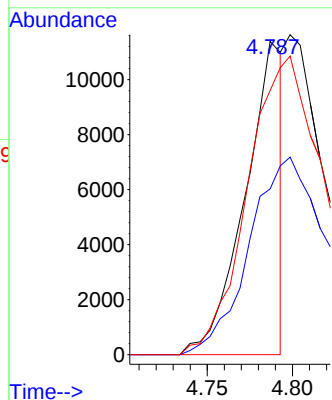
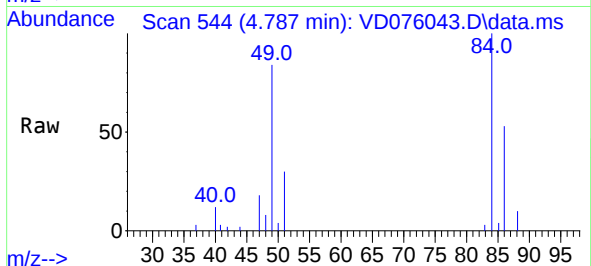




#16
Methylene chloride
Concen: 1.703 ug/L
RT: 4.787 min Scan# 545
Delta R.T. -0.012 min
Lab File: VD076043.D
Acq: 08 May 2023 17:03

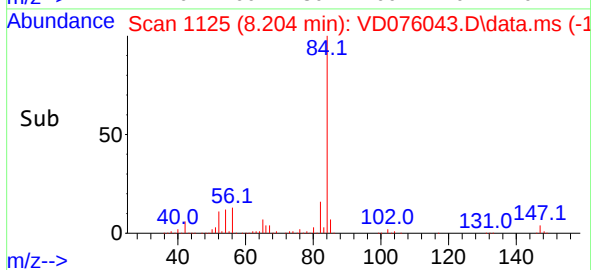
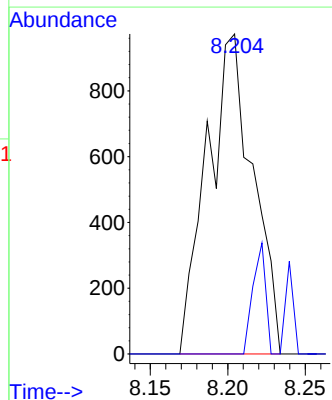
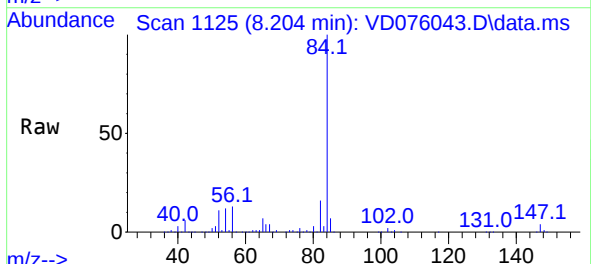
Instrument :
MSVOA_D
ClientSampleId :
JREF0

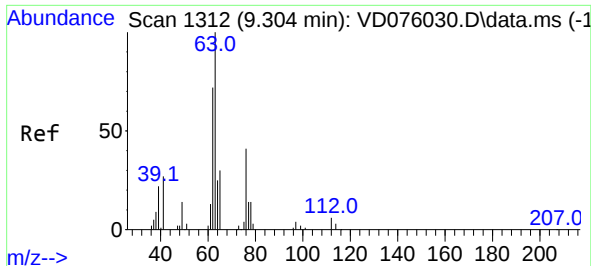
Tgt Ion: 84 Resp: 17515
Ion Ratio Lower Upper
84 100
86 52.9 45.8 85.2
49 84.3 60.8 112.8



#27
1,2-Dichloroethane
Concen: 0.315 ug/L
RT: 8.204 min Scan# 1125
Delta R.T. -0.123 min
Lab File: VD076043.D
Acq: 08 May 2023 17:03

Tgt Ion: 62 Resp: 1995
Ion Ratio Lower Upper
62 100
98 0.0 10.2 15.2#

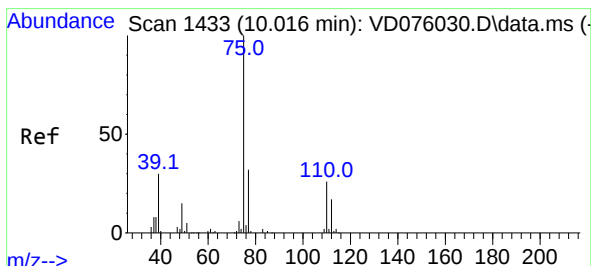
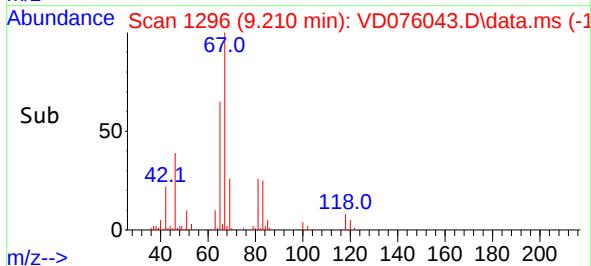
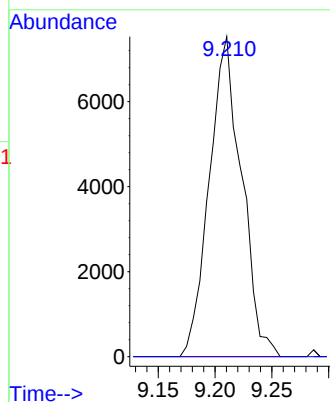
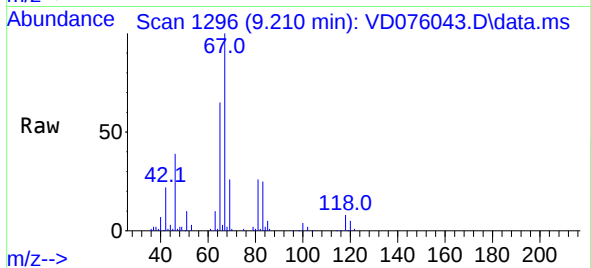




#37
1,2-Dichloropropane
Concen: 2.531 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD076043.D
Acq: 08 May 2023 17:03

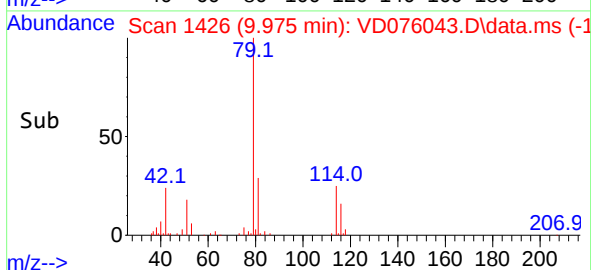
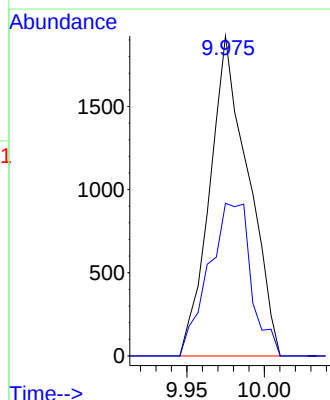
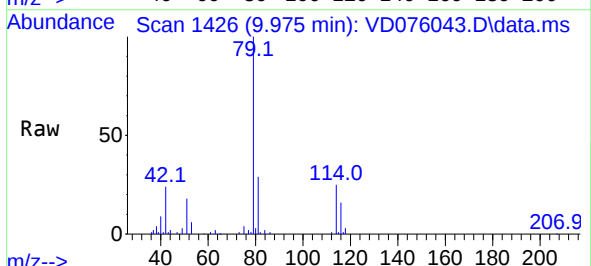
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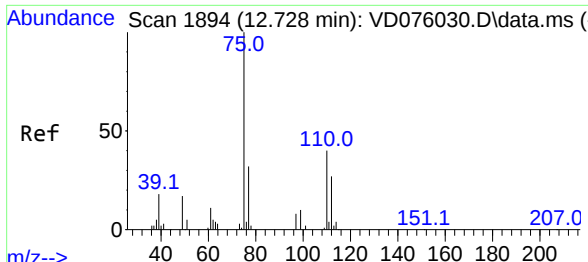
Tgt Ion: 63 Resp: 14903
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.354 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD076043.D
Acq: 08 May 2023 17:03

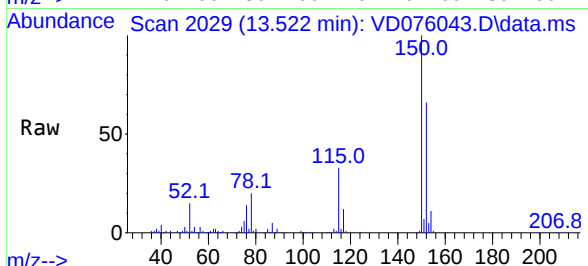
Tgt Ion: 75 Resp: 3317
Ion Ratio Lower Upper
75 100
77 47.7 23.4 43.6#





#61
 1,2,3-Trichloropropane
 Concen: 6.657 ug/L
 RT: 13.522 min Scan# 20
 Delta R.T. 0.794 min
 Lab File: VD076043.D
 Acq: 08 May 2023 17:03

Instrument :
 MSVOA_D
 ClientSampleId :
 JREF0



Tgt Ion: 75 Resp: 13256

Ion	Ratio	Lower	Upper
75	100		
77	33.3	26.6	39.8
110	2.3	33.5	50.3#

