

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
 Data File : VD076694.D
 Acq On : 03 Jul 2023 16:02
 Operator : KP/SY
 Sample : 03444-11
 Misc : 5.67G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46R8RE

Quant Time: Jul 04 01:11:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

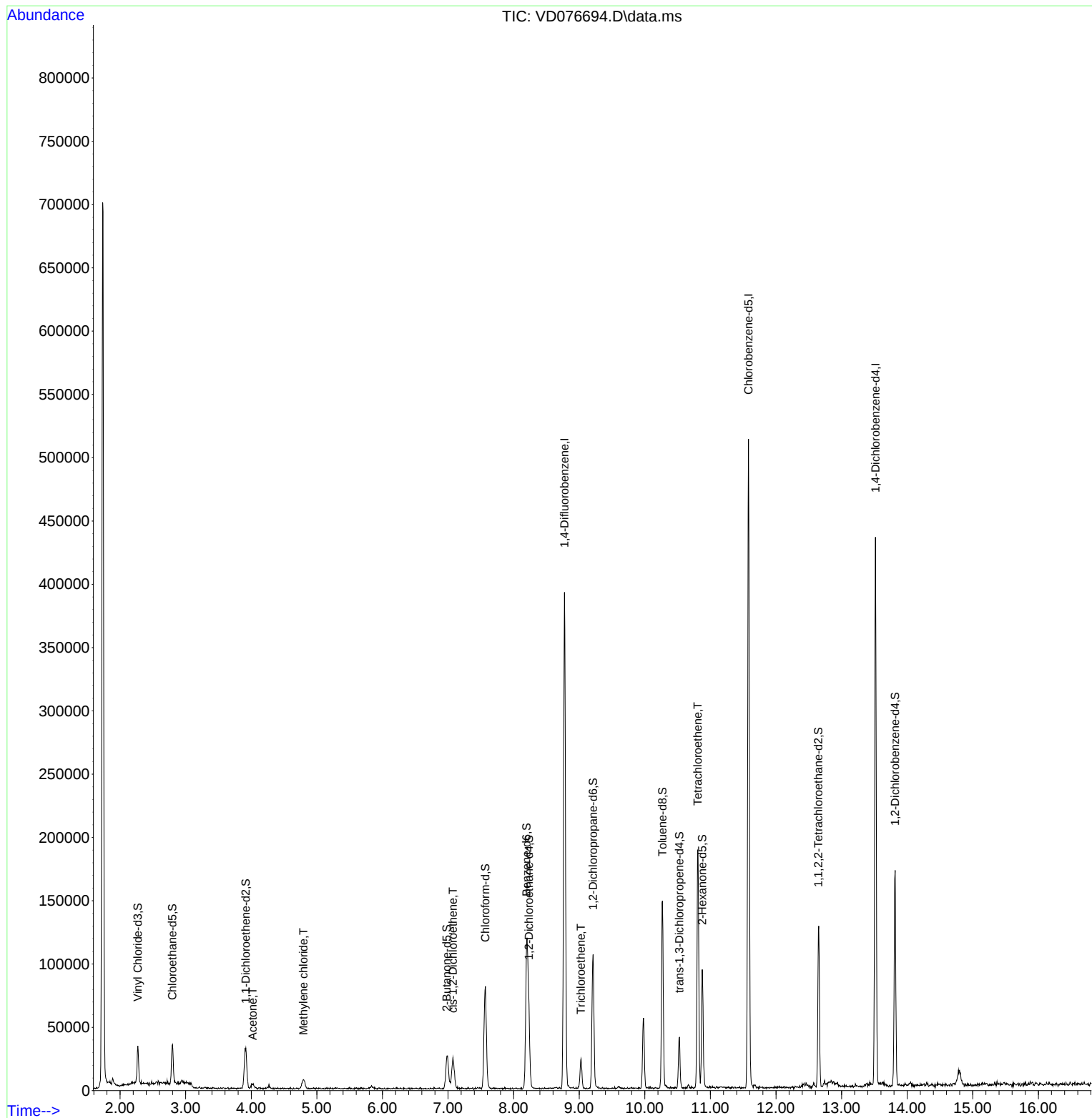
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	335893	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	281511	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	111431	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	25334	3.097	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	12.400%#
7) Chloroethane-d5	2.799	69	29739	4.496	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	18.000%#
11) 1,1-Dichloroethene-d2	3.917	65	9530	4.463	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	17.840%#
21) 2-Butanone-d5	6.981	46	47061	37.988	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.980%
24) Chloroform-d	7.569	84	81832	9.247	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	37.000%#
26) 1,2-Dichloroethane-d4	8.234	65	47776	10.944	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	43.760%#
32) Benzene-d6	8.199	84	118047	6.855	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	27.400%
36) 1,2-Dichloropropane-d6	9.210	67	49222	8.955	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	35.800%#
41) Toluene-d8	10.269	98	100287	6.289	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	25.160%#
43) trans-1,3-Dichloroprop...	10.528	79	22000	9.623	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	38.480%
47) 2-Hexanone-d5	10.875	63	31834	37.309	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.620%
56) 1,1,2,2-Tetrachloroeth...	12.646	84	60568	15.488	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	61.960%
66) 1,2-Dichlorobenzene-d4	13.816	152	43383	10.622	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	42.480%#
Target Compounds					Qvalue	
13) Acetone	4.023	43	4865	4.862	ug/L	98
16) Methylene chloride	4.793	84	3566	0.611	ug/L	93
20) cis-1,2-Dichloroethene	7.075	96	12093	2.228	ug/L	98
34) Trichloroethene	9.028	95	7498	1.567	ug/L #	88
46) Tetrachloroethene	10.805	164	42470	11.287	ug/L	91

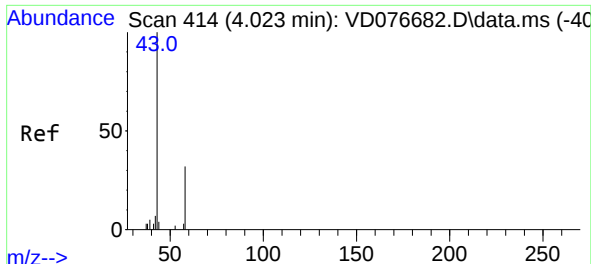
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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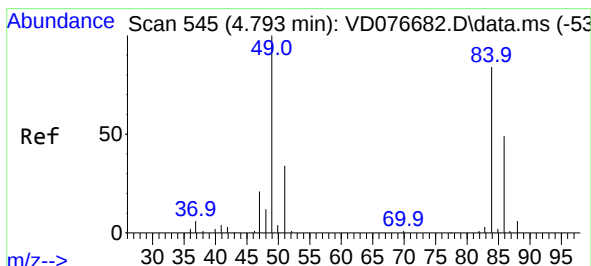
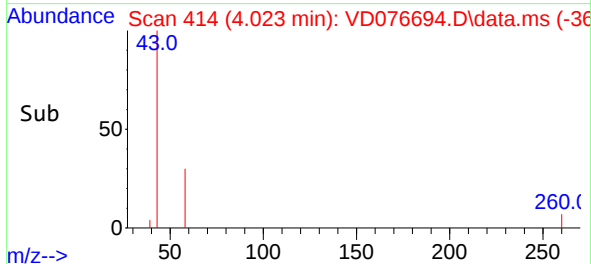
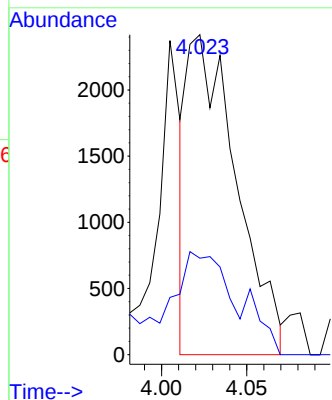
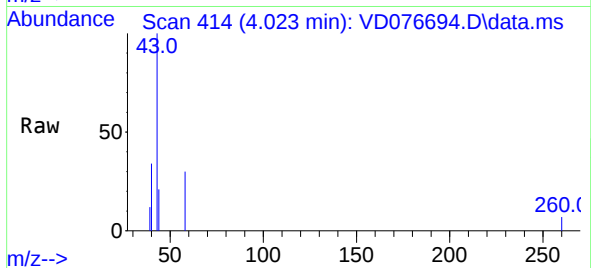




#13
Acetone
Concen: 4.862 ug/L
RT: 4.023 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076694.D
Acq: 03 Jul 2023 16:02

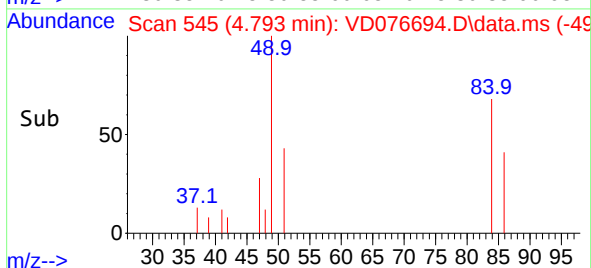
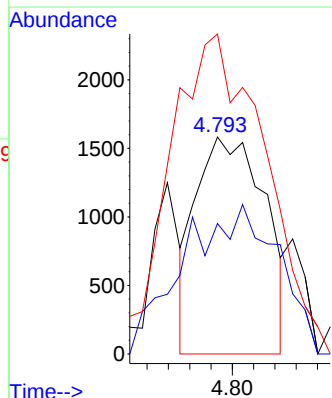
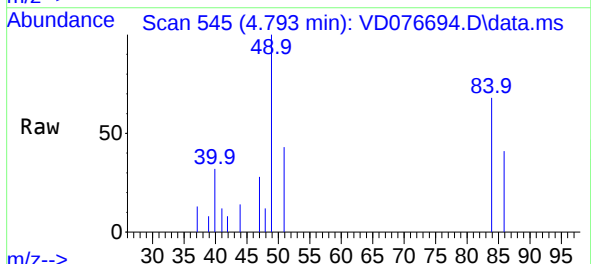
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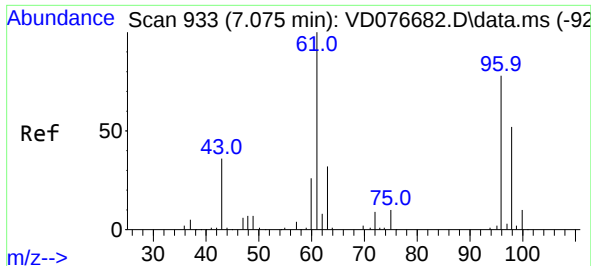
Tgt Ion: 43 Resp: 4865
Ion Ratio Lower Upper
43 100
58 32.6 0.0 67.4



#16
Methylene chloride
Concen: 0.611 ug/L
RT: 4.793 min Scan# 545
Delta R.T. 0.006 min
Lab File: VD076694.D
Acq: 03 Jul 2023 16:02

Tgt Ion: 84 Resp: 3566
Ion Ratio Lower Upper
84 100
86 60.1 45.1 83.9
49 147.5 97.2 180.6

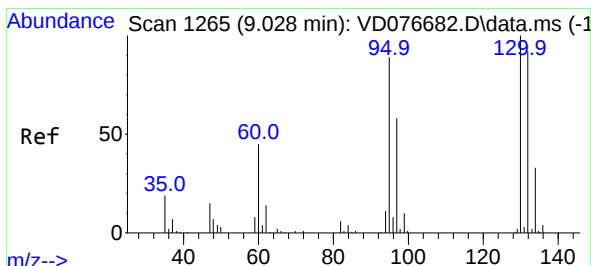
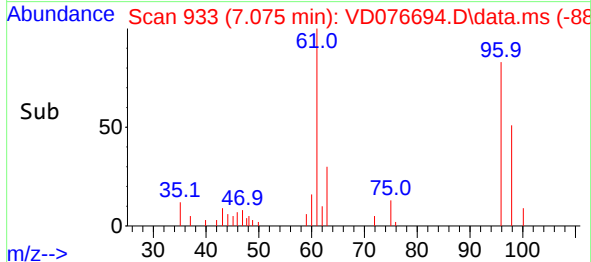
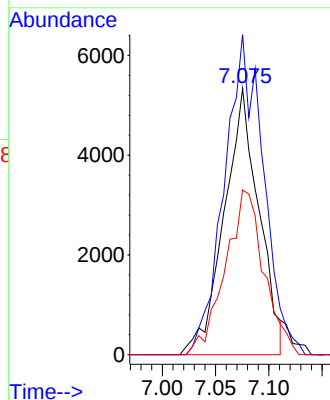
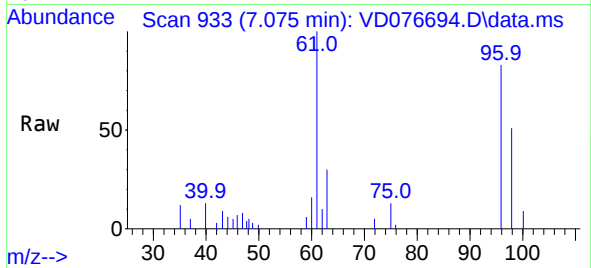




#20
cis-1,2-Dichloroethene
Concen: 2.228 ug/L
RT: 7.075 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076694.D
Acq: 03 Jul 2023 16:02

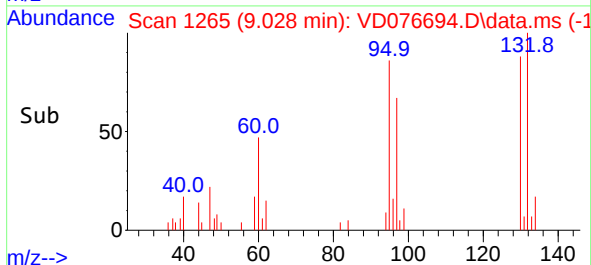
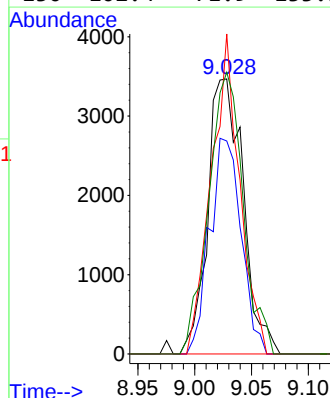
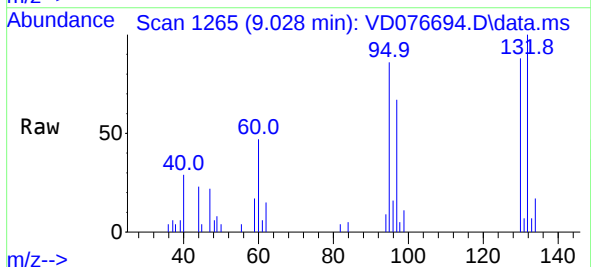
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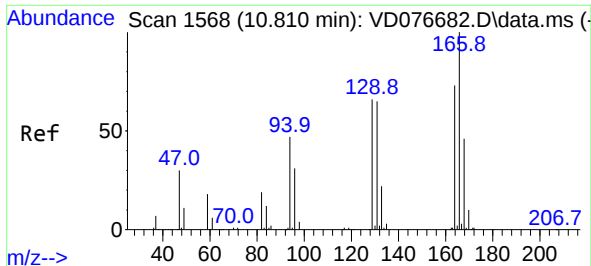
Tgt Ion: 96 Resp: 12093
Ion Ratio Lower Upper
96 100
61 120.1 86.0 159.6
98 61.9 42.2 78.4



#34
Trichloroethene
Concen: 1.567 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076694.D
Acq: 03 Jul 2023 16:02

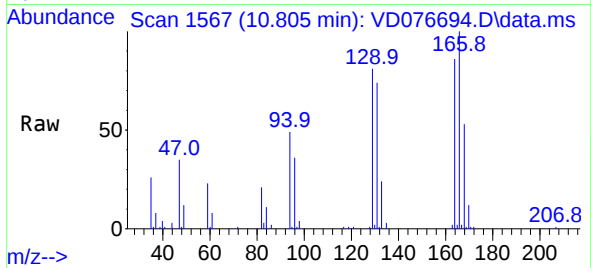
Tgt Ion: 95 Resp: 7498
Ion Ratio Lower Upper
95 100
97 83.4 43.1 80.1#
132 116.3 71.8 133.4
130 102.4 71.9 133.5





#46
 Tetrachloroethene
 Concen: 11.287 ug/L
 RT: 10.805 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD076694.D
 Acq: 03 Jul 2023 16:02

Instrument :
 MSVOA_D
 ClientSampleId :
 A46R8RE



Tgt Ion:164 Resp: 42470

Ion	Ratio	Lower	Upper
164	100		
129	93.9	65.5	121.6
131	86.8	64.8	120.3
166	119.2	97.2	180.4

