

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082523\
 Data File : VD077019.D
 Acq On : 25 Aug 2023 16:53
 Operator : JC/SY
 Sample : 04172-04
 Misc : 5.90G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 25 23:55:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 25 23:54:22 2023
 Response via : Initial Calibration

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

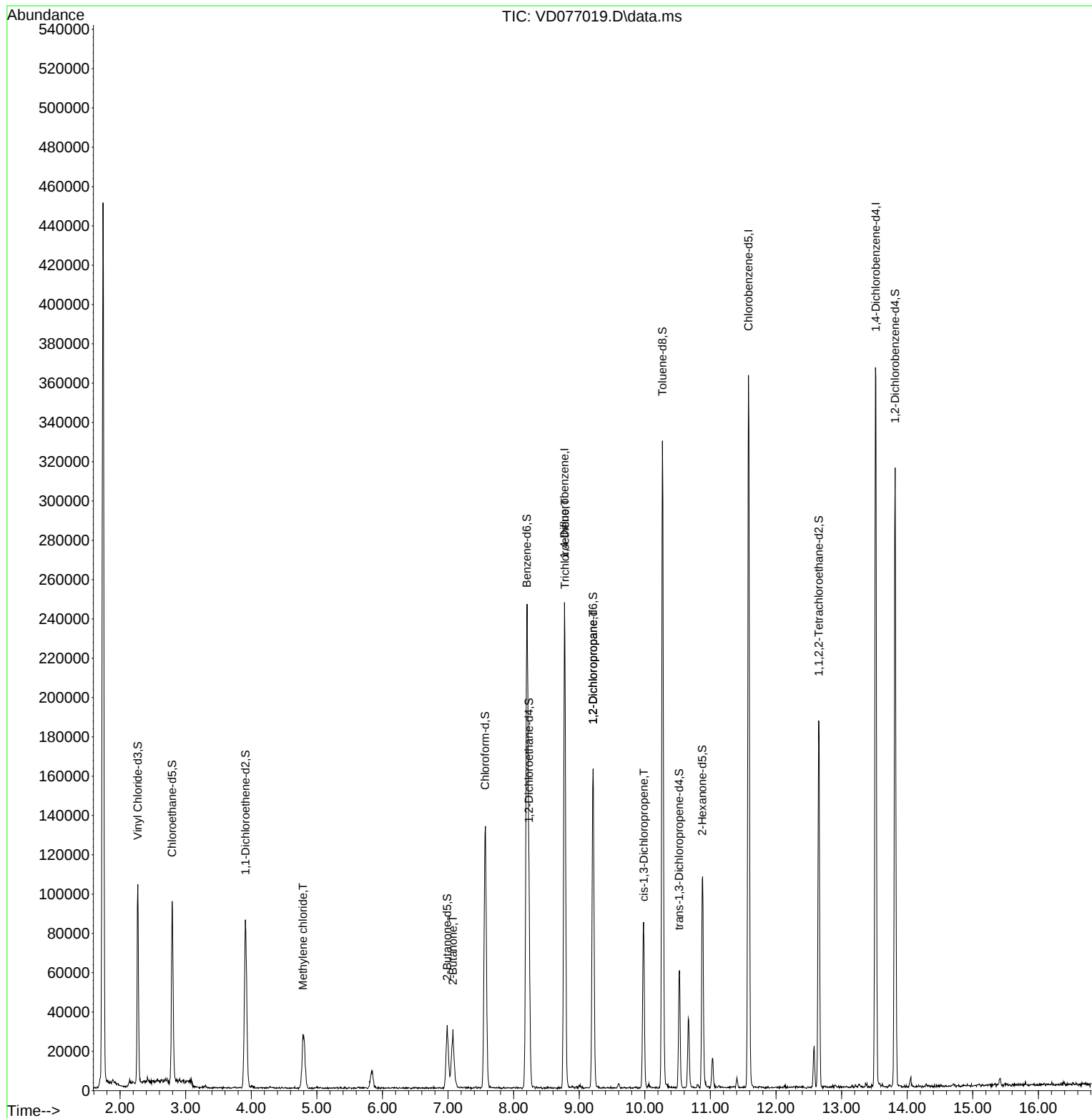
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	225768	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	226764	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	106256	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	92537	14.904	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.600%
7) Chloroethane-d5	2.793	69	93104	16.221	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.880%
11) 1,1-Dichloroethene-d2	3.911	65	22730	15.450	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.800%
21) 2-Butanone-d5	6.987	46	50675	50.837	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.680%
24) Chloroform-d	7.563	84	137199	18.662	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.640%
26) 1,2-Dichloroethane-d4	8.234	65	73130	19.955	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.800%
32) Benzene-d6	8.199	84	255148	17.896	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.600%
36) 1,2-Dichloropropane-d6	9.210	67	83990	19.160	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.640%
41) Toluene-d8	10.269	98	232802	17.810	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.240%
43) trans-1,3-Dichloroprop...	10.522	79	35170	17.746	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.000%
47) 2-Hexanone-d5	10.875	63	40638	48.532	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.060%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	95367	22.515	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.040%
66) 1,2-Dichlorobenzene-d4	13.816	152	86090	22.162	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.640%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.787	84	15809	3.338	ug/L	80
22) 2-Butanone	7.075	43	1576	1.105	ug/L	# 65
34) Trichloroethene	8.781	95	3453	0.892	ug/L	# 4
37) 1,2-Dichloropropane	9.210	63	6294	1.667	ug/L	# 88
39) cis-1,3-Dichloropropene	9.987	75	2127	0.349	ug/L	# 70

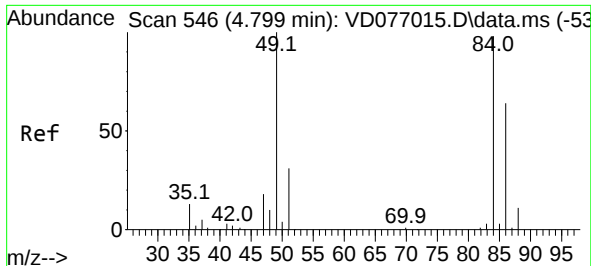
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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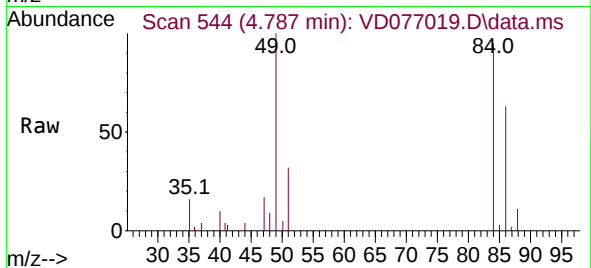
Quant Time: Aug 25 23:55:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 25 23:54:22 2023
Response via : Initial Calibration



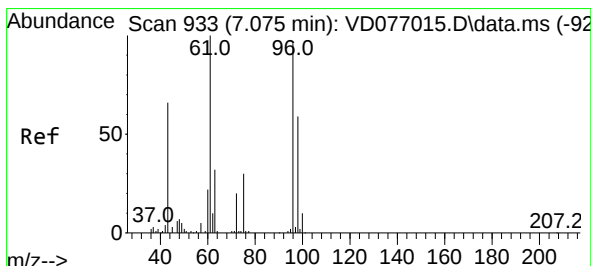
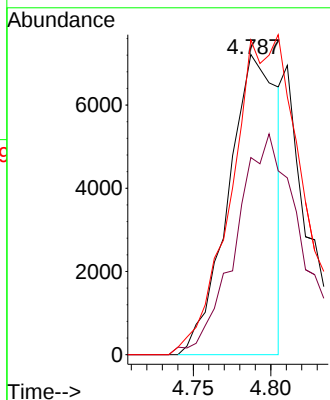
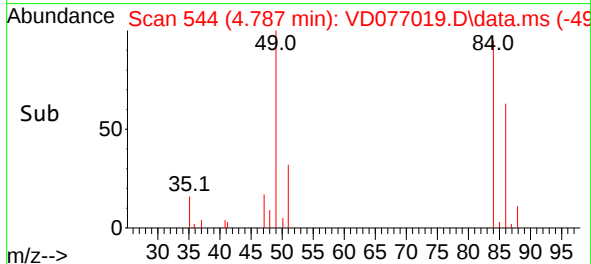


#16
Methylene chloride
Concen: 3.338 ug/L
RT: 4.787 min Scan# 546
Delta R.T. -0.012 min
Lab File: VD077019.D
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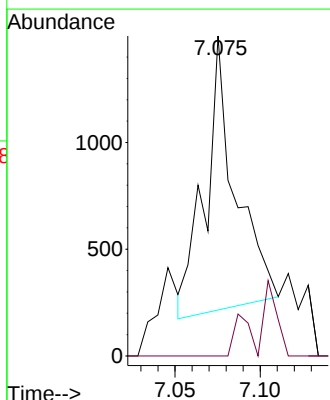
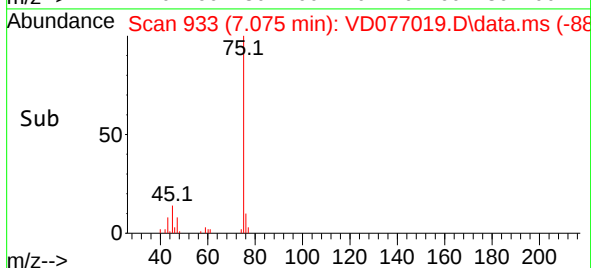
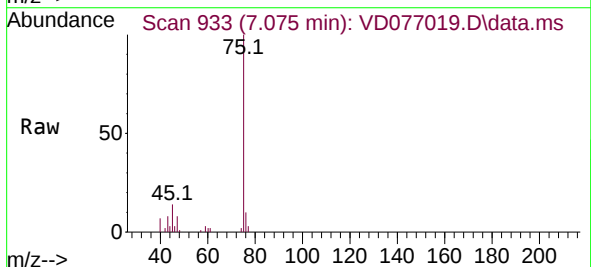


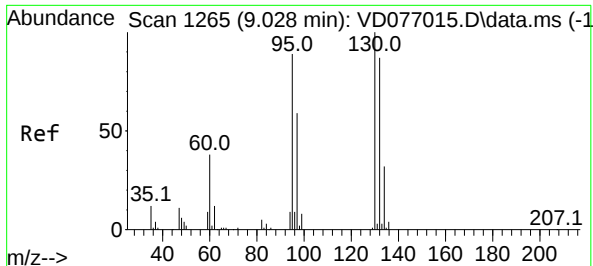
Tgt Ion: 84 Resp: 15809
Ion Ratio Lower Upper
84 100
86 65.7 45.1 83.9
49 104.9 97.2 180.6



#22
2-Butanone
Concen: 1.105 ug/L
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077019.D
Acq: 25 Aug 2023 16:53

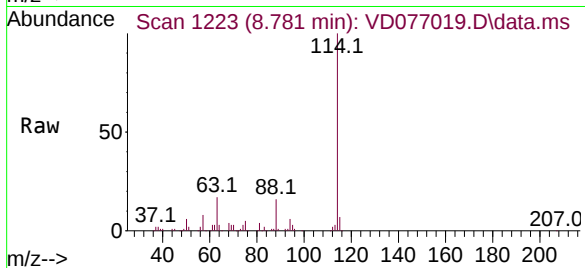
Tgt Ion: 43 Resp: 1576
Ion Ratio Lower Upper
43 100
72 7.9 12.9 38.7#



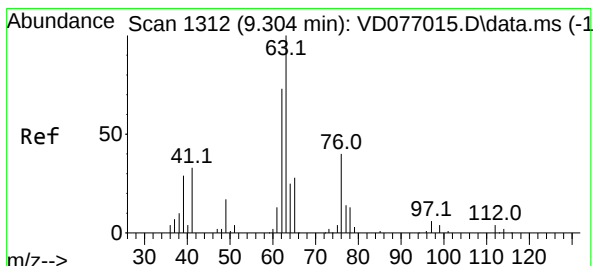
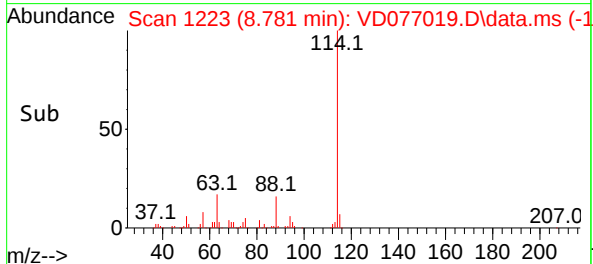
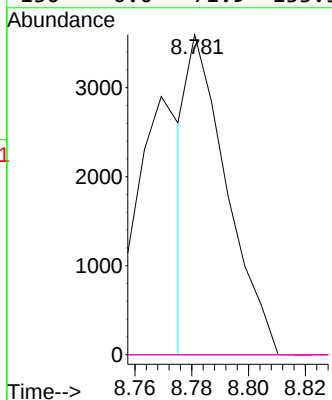


#34
Trichloroethene
Concen: 0.892 ug/L
RT: 8.781 min Scan# 1296
Delta R.T. -0.247 min
Lab File: VD077019.D
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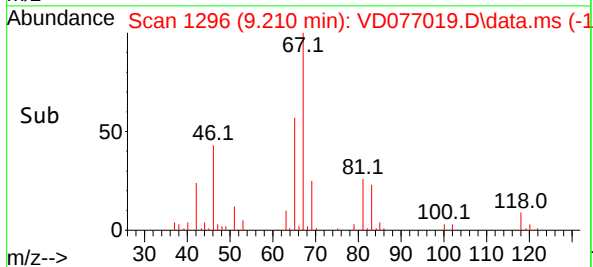
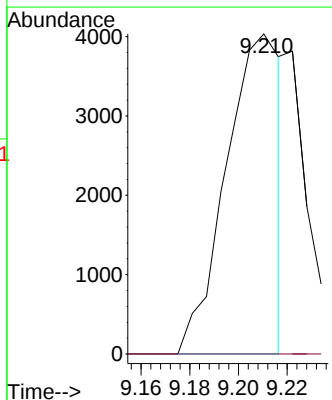
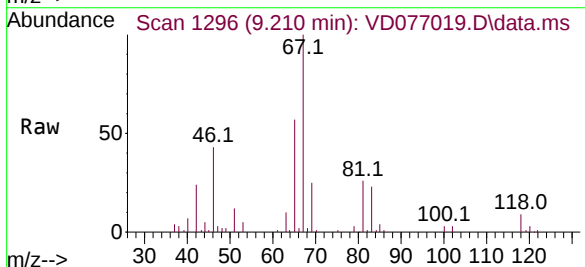


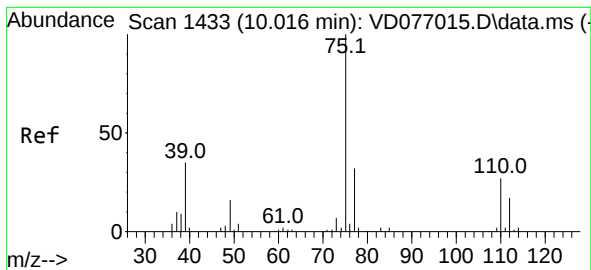
Tgt Ion: 95 Resp: 3453
Ion Ratio Lower Upper
95 100
97 0.0 43.1 80.1#
132 0.0 71.8 133.4#
130 0.0 71.9 133.5#



#37
1,2-Dichloropropane
Concen: 1.667 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD077019.D
Acq: 25 Aug 2023 16:53

Tgt Ion: 63 Resp: 6294
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#39
cis-1,3-Dichloropropene
Concen: 0.349 ug/L
RT: 9.987 min Scan# 14
Delta R.T. -0.029 min
Lab File: VD077019.D
Acq: 25 Aug 2023 16:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 2127
Ion Ratio Lower Upper
75 100
77 49.3 22.7 42.3#

