

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062923\
 Data File : VD076629.D
 Acq On : 29 Jun 2023 10:36
 Operator : KP/SY
 Sample : VD0629SBL01
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 30 01:14:49 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)

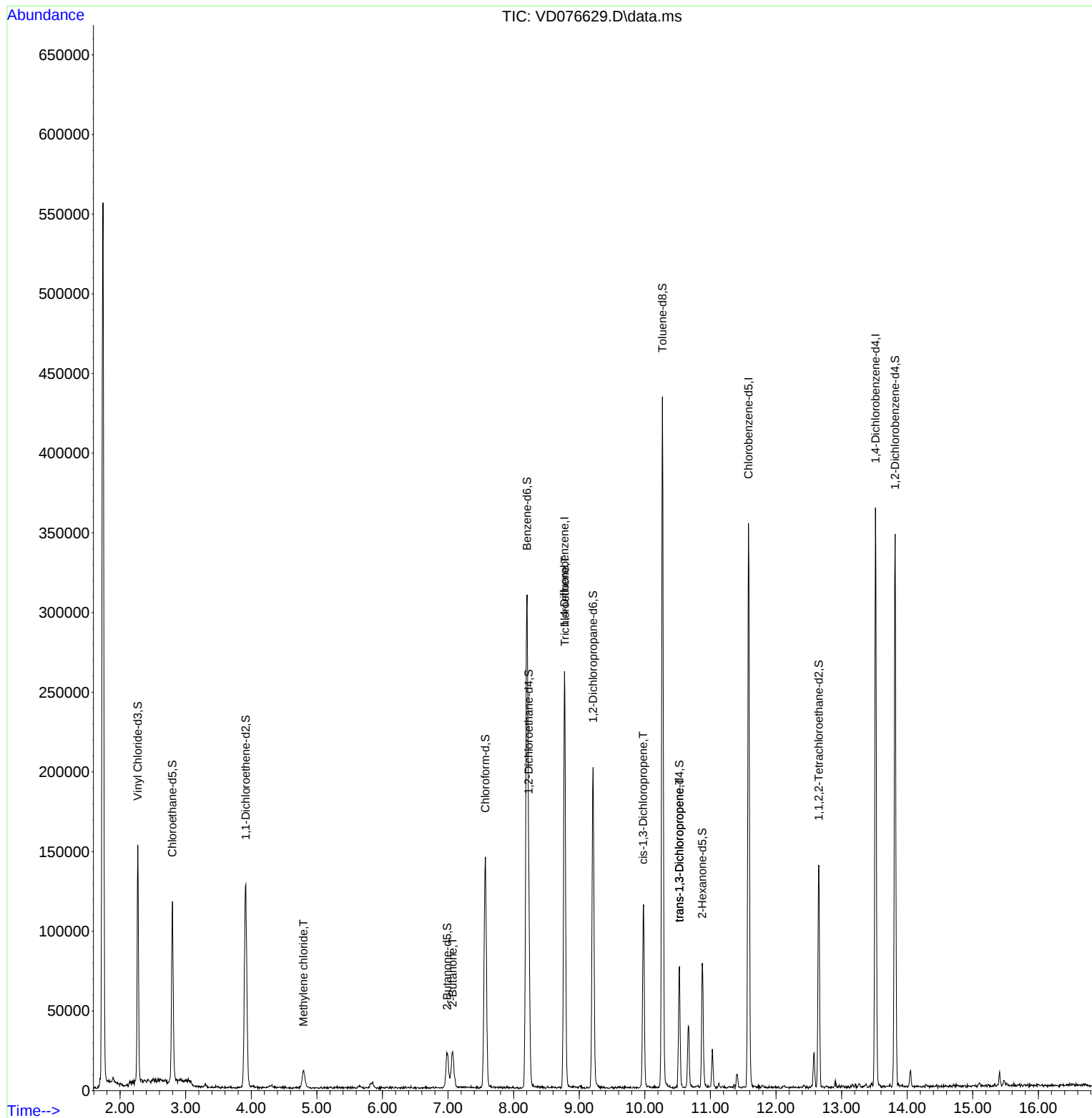
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	225925	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	195088	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	91785	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	131379	23.879	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.520%
7) Chloroethane-d5	2.799	69	105373	23.686	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.760%
11) 1,1-Dichloroethene-d2	3.917	65	38488	26.799	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	107.200%
21) 2-Butanone-d5	6.987	46	40364	48.441	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.880%
24) Chloroform-d	7.569	84	146792	24.662	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.640%
26) 1,2-Dichloroethane-d4	8.228	65	76124	25.924	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.680%
32) Benzene-d6	8.205	84	311954	26.140	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.560%
36) 1,2-Dichloropropane-d6	9.210	67	95748	25.136	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.560%
41) Toluene-d8	10.269	98	292190	26.442	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.760%
43) trans-1,3-Dichloroprop...	10.528	79	40291	25.430	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.720%
47) 2-Hexanone-d5	10.875	63	28633	48.423	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.840%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	69917	25.799	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	13.816	152	86965	25.849	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.400%
Target Compounds						Qvalue
16) Methylene chloride	4.793	84	7116	1.812	ug/L	81
22) 2-Butanone	7.069	43	1117	1.028	ug/L #	49
34) Trichloroethene	8.781	95	7020	2.117	ug/L #	4
39) cis-1,3-Dichloropropene	9.975	75	3690	0.686	ug/L	96
44) trans-1,3-Dichloropropene	10.528	75	1908	0.437	ug/L #	56

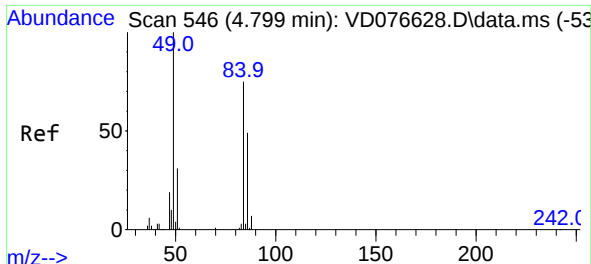
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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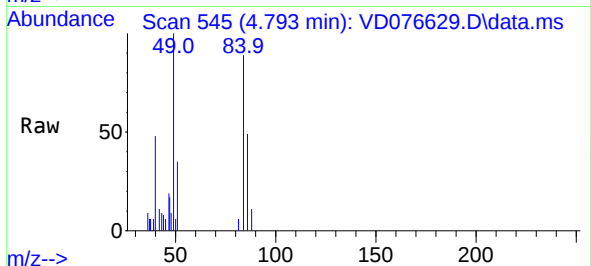
Quant Time: Jun 30 01:14:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration





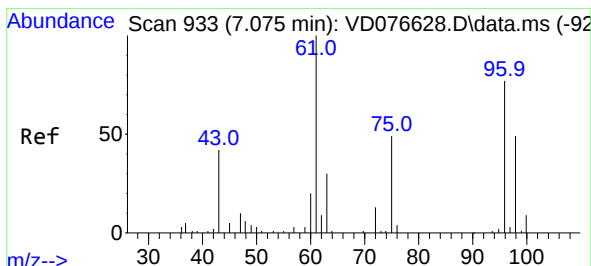
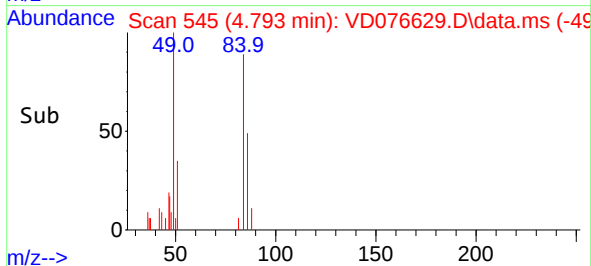
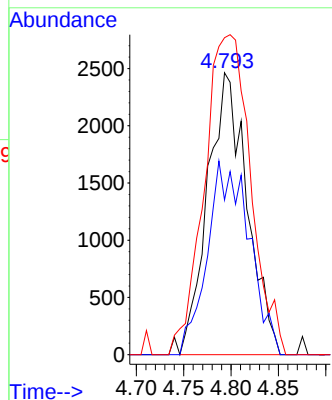
#16
Methylene chloride
Concen: 1.812 ug/L
RT: 4.793 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD076629.D
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Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 7116

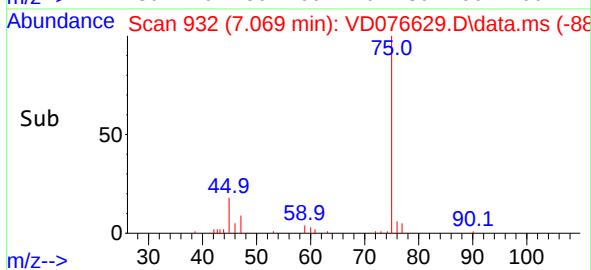
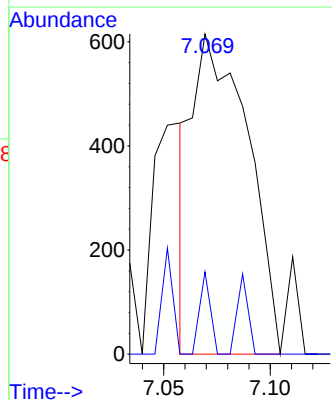
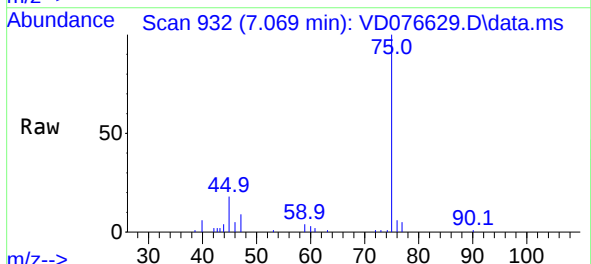
Ion	Ratio	Lower	Upper
84	100		
86	54.9	45.1	83.9
49	112.4	97.2	180.6

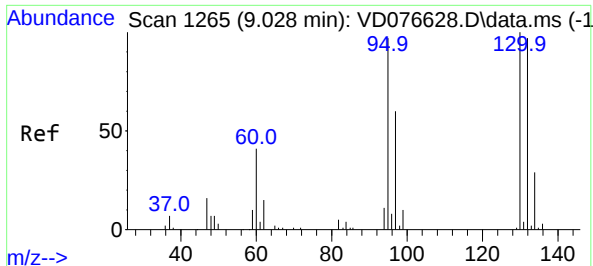


#22
2-Butanone
Concen: 1.028 ug/L
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD076629.D
Acq: 29 Jun 2023 10:36

Tgt Ion: 43 Resp: 1117

Ion	Ratio	Lower	Upper
43	100		
72	0.0	12.9	38.7#

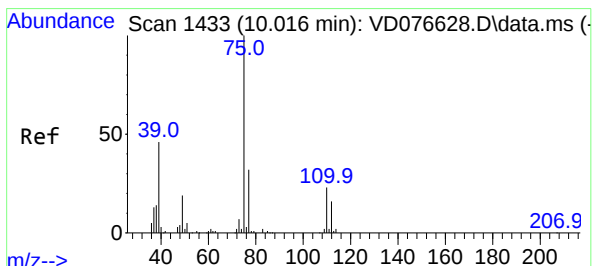
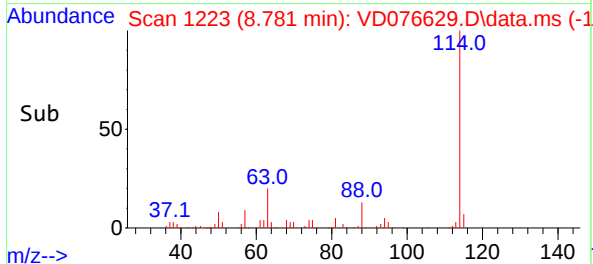
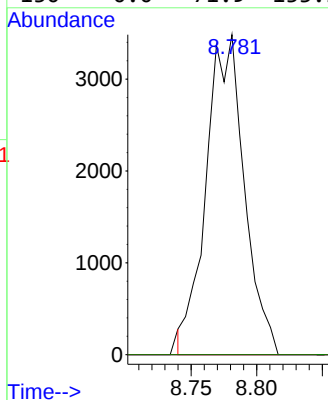
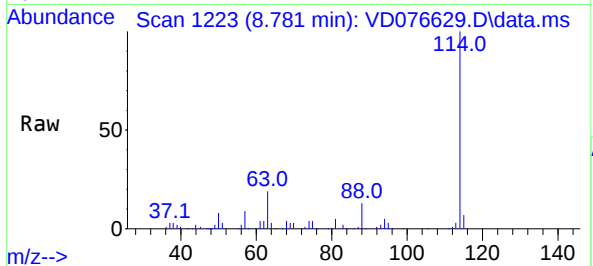




#34
Trichloroethene
Concen: 2.117 ug/L
RT: 8.781 min Scan# 11
Delta R.T. -0.247 min
Lab File: VD076629.D
Acq: 29 Jun 2023 10:36

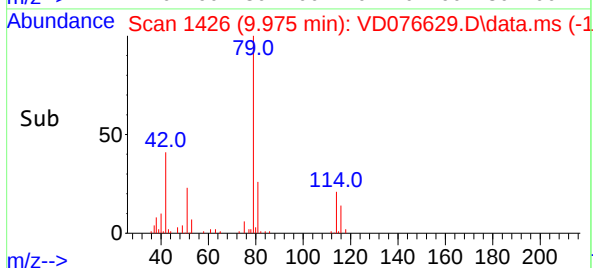
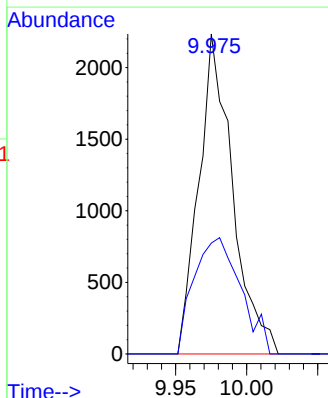
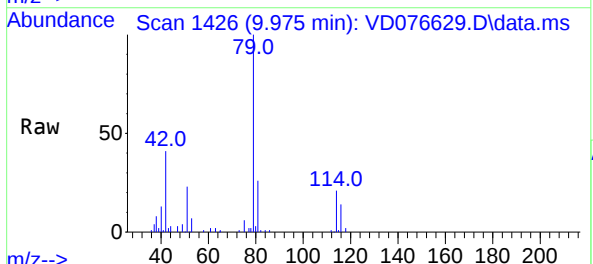
Instrument :
MSVOA_D
ClientSampleId :

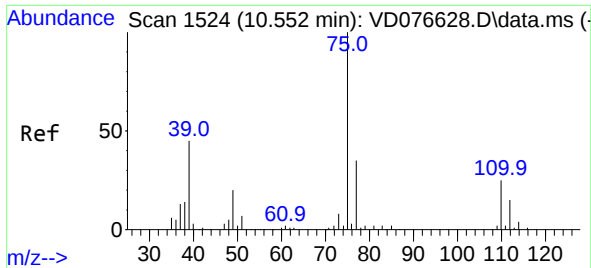
Tgt Ion: 95 Resp: 7020
Ion Ratio Lower Upper
95 100
97 0.0 43.1 80.1#
132 0.0 71.8 133.4#
130 0.0 71.9 133.5#



#39
cis-1,3-Dichloropropene
Concen: 0.686 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD076629.D
Acq: 29 Jun 2023 10:36

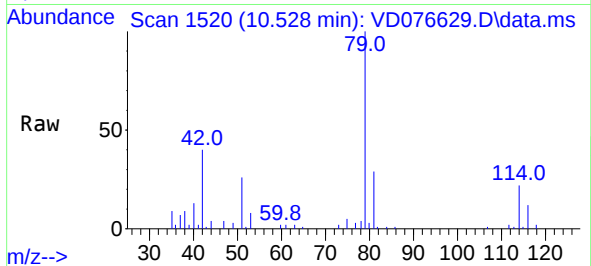
Tgt Ion: 75 Resp: 3690
Ion Ratio Lower Upper
75 100
77 34.7 22.7 42.3





#44
 trans-1,3-Dichloropropene
 Concen: 0.437 ug/L
 RT: 10.528 min Scan# 11
 Delta R.T. -0.024 min
 Lab File: VD076629.D
 Acq: 29 Jun 2023 10:36

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 1908
 Ion Ratio Lower Upper
 75 100
 77 56.5 22.5 41.7#

