

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
 Data File : VD076656.D
 Acq On : 30 Jun 2023 12:23
 Operator : KP/SY
 Sample : 03472-09RE
 Misc : 4.19G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46Q3

Quant Time: Jul 03 01:29:53 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)

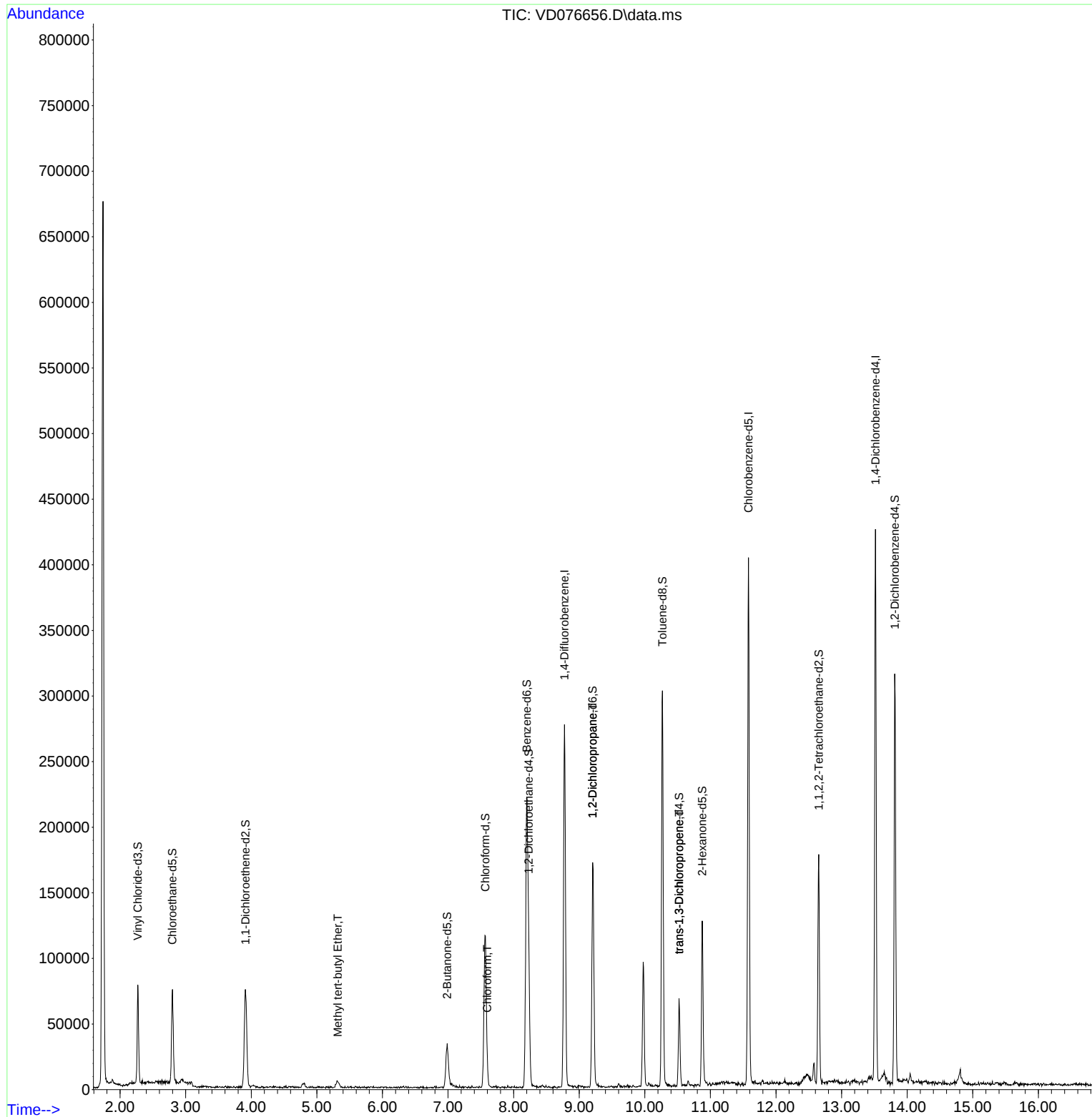
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	240619	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	222159	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	108441	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	67006	11.435	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.720%
7) Chloroethane-d5	2.799	69	67952	14.341	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.360%
11) 1,1-Dichloroethene-d2	3.911	65	23011	15.044	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.160%
21) 2-Butanone-d5	6.987	46	57775	65.102	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.200%
24) Chloroform-d	7.569	84	120596	19.023	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.080%
26) 1,2-Dichloroethane-d4	8.228	65	69811	22.323	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.280%
32) Benzene-d6	8.199	84	223704	16.461	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	65.840%
36) 1,2-Dichloropropane-d6	9.204	67	83341	19.212	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.840%
41) Toluene-d8	10.269	98	205035	16.294	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.160%
43) trans-1,3-Dichloroprop...	10.522	79	33857	18.765	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.080%
47) 2-Hexanone-d5	10.875	63	41299	61.333	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.660%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	85538	27.717	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.880%
66) 1,2-Dichlorobenzene-d4	13.810	152	79720	20.056	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.240%
Target Compounds						Qvalue
18) Methyl tert-butyl Ether	5.316	73	6668	0.841	ug/L #	80
25) Chloroform	7.599	83	6208	0.999	ug/L	82
37) 1,2-Dichloropropane	9.204	63	9100	2.270	ug/L #	88
44) trans-1,3-Dichloropropene	10.522	75	2099	0.422	ug/L	85

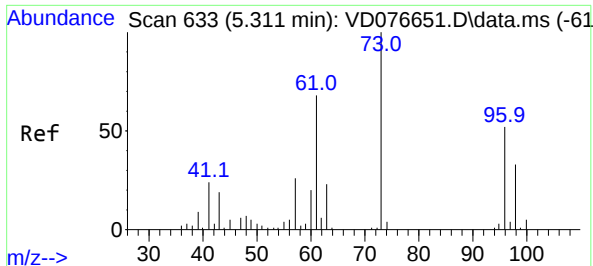
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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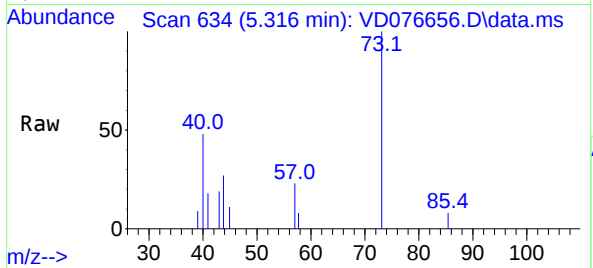
Quant Time: Jul 03 01:29:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration



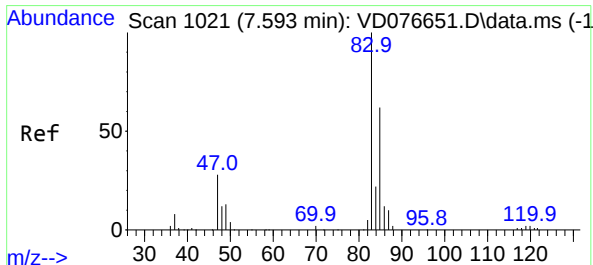
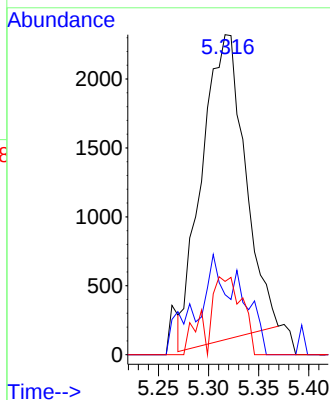
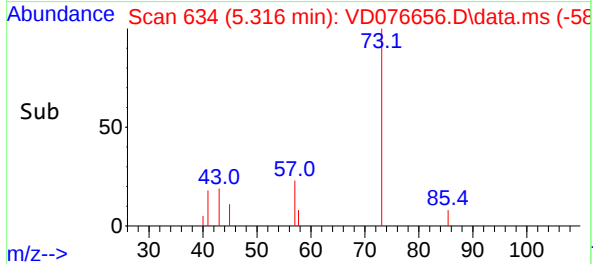


#18
Methyl tert-butyl Ether
Concen: 0.841 ug/L
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076656.D
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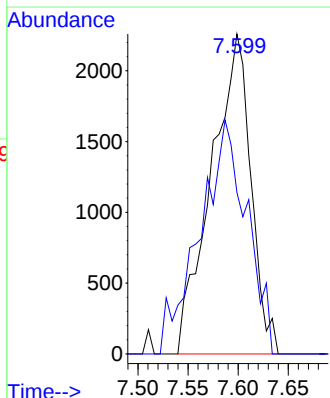
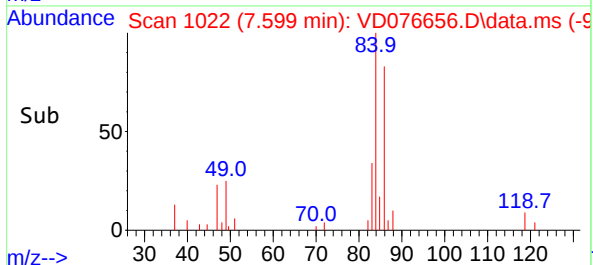
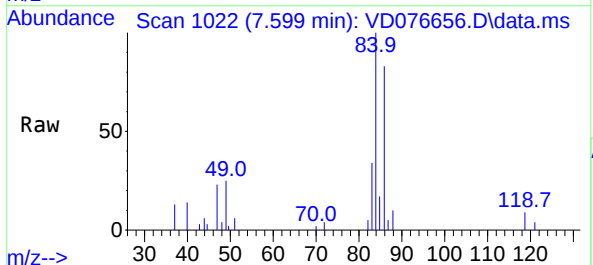


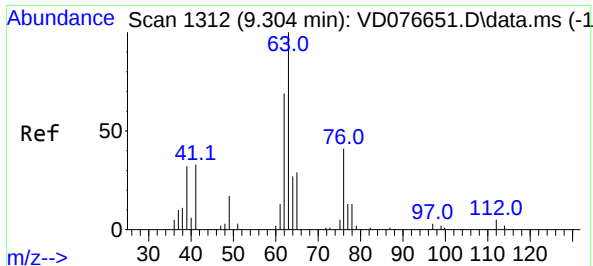
Tgt Ion: 73 Resp: 6668
Ion Ratio Lower Upper
73 100
43 15.1 7.2 10.8#
57 13.0 18.6 28.0#



#25
Chloroform
Concen: 0.999 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD076656.D
Acq: 30 Jun 2023 12:23

Tgt Ion: 83 Resp: 6208
Ion Ratio Lower Upper
83 100
85 50.5 45.4 84.4

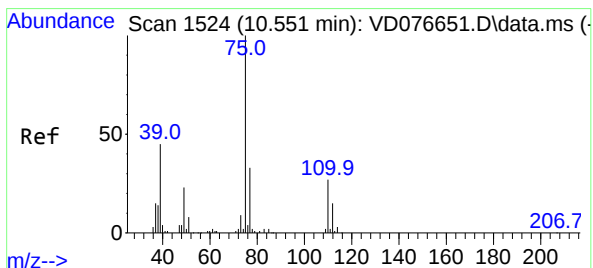
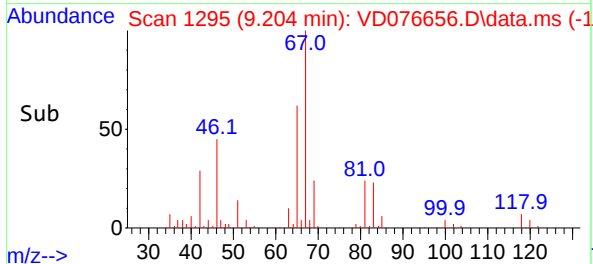
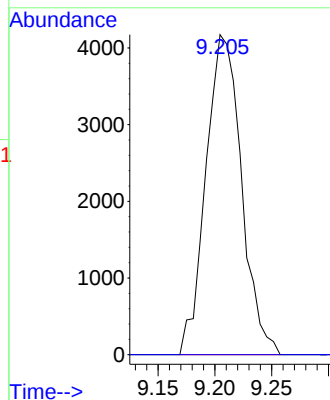
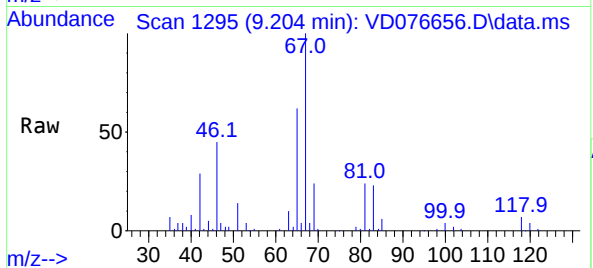




#37
1,2-Dichloropropane
Concen: 2.270 ug/L
RT: 9.204 min Scan# 11
Delta R.T. -0.100 min
Lab File: VD076656.D
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Tgt Ion: 63 Resp: 9100
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#44
trans-1,3-Dichloropropene
Concen: 0.422 ug/L
RT: 10.522 min Scan# 1519
Delta R.T. -0.029 min
Lab File: VD076656.D
Acq: 30 Jun 2023 12:23

Tgt Ion: 75 Resp: 2099
Ion Ratio Lower Upper
75 100
77 40.2 22.5 41.7

