

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120623\
 Data File : VD077760.D
 Acq On : 06 Dec 2023 14:35
 Operator : JC/SY
 Sample : 05646-04
 Misc : 2.25G/10ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C0AT8

Quant Time: Dec 07 00:32:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 06 00:24:24 2023
 Response via : Initial Calibration

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

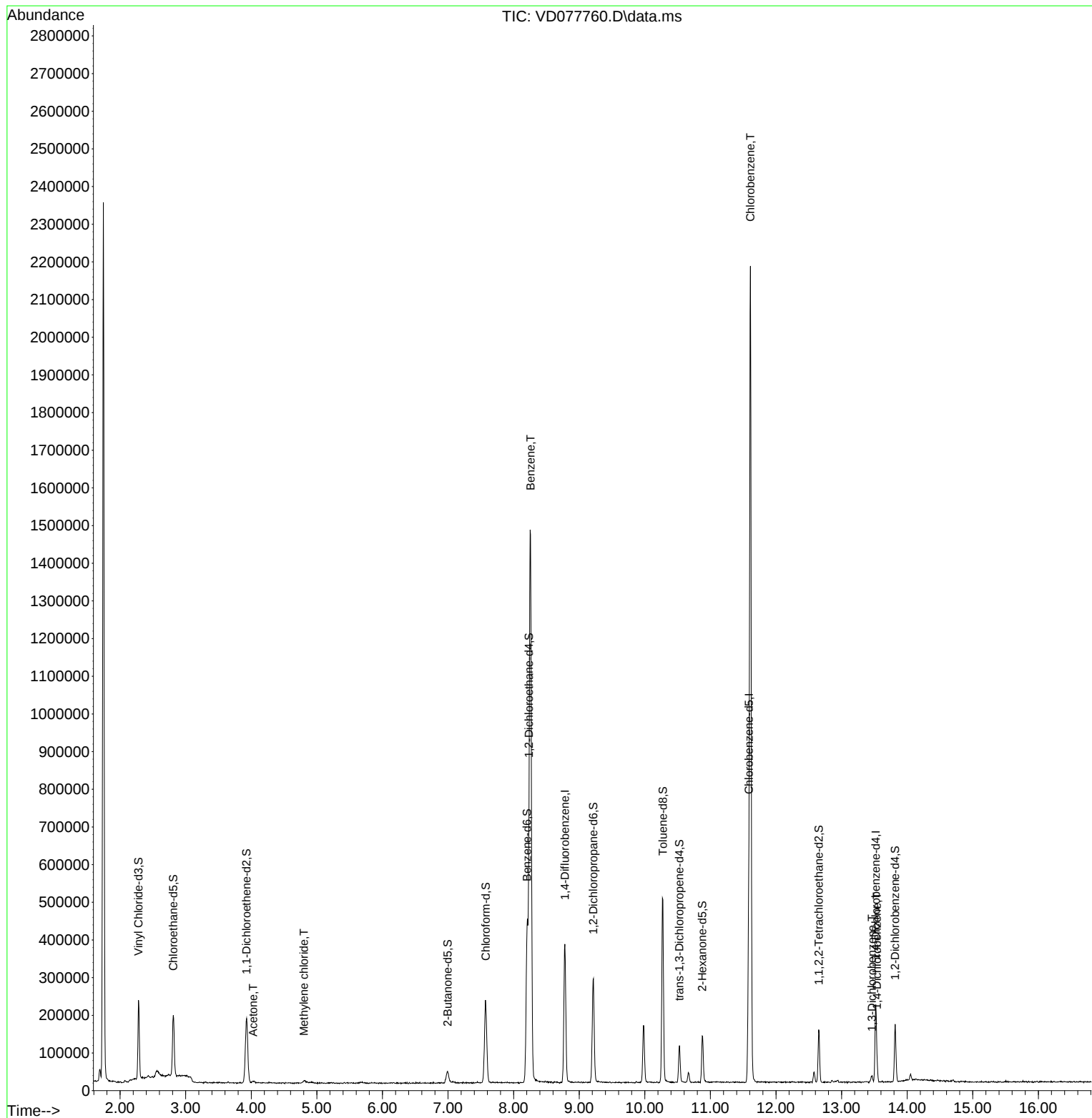
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	332822	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	233642	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	53909	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	192867	21.250	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.000%
7) Chloroethane-d5	2.811	69	169939	23.491	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.960%
11) 1,1-Dichloroethene-d2	3.928	65	50291	21.370	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.480%
21) 2-Butanone-d5	6.993	46	54064	47.131	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.260%
24) Chloroform-d	7.575	84	221039	24.642	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.560%
26) 1,2-Dichloroethane-d4	8.234	65	123077	27.081	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.320%
32) Benzene-d6	8.205	84	447408	31.795	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	127.200%
36) 1,2-Dichloropropane-d6	9.216	67	139513	32.495	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	129.960%#
41) Toluene-d8	10.275	98	340711	26.306	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.240%
43) trans-1,3-Dichloroprop...	10.528	79	56169	29.585	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	118.320%
47) 2-Hexanone-d5	10.875	63	45983	62.153	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.300%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	70926	22.861	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.440%
66) 1,2-Dichlorobenzene-d4	13.816	152	39772	20.623	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.480%
Target Compounds						
					Qvalue	
13) Acetone	4.028	43	6481	4.410	ug/L	67
16) Methylene chloride	4.805	84	5543	0.938	ug/L	78
33) Benzene	8.258	78	1501991	98.767	ug/L	100
51) Chlorobenzene	11.610	112	1200966	119.908	ug/L	97
64) 1,3-Dichlorobenzene	13.463	146	7495	2.154	ug/L	90
65) 1,4-Dichlorobenzene	13.540	146	13496	3.738	ug/L	98

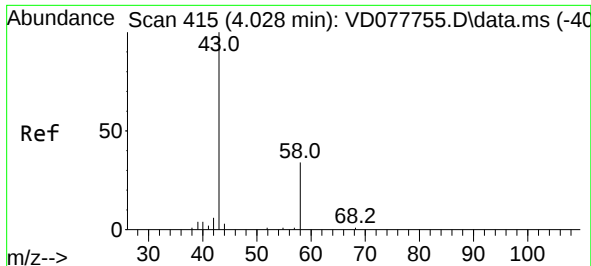
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Dec 06 00:24:24 2023
Response via : Initial Calibration





#13

Acetone

Concen: 4.410 ug/L

RT: 4.028 min Scan# 415

Delta R.T. 0.000 min

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MSVOA_D

ClientSampleId :

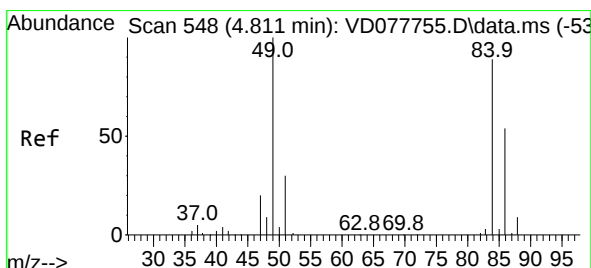
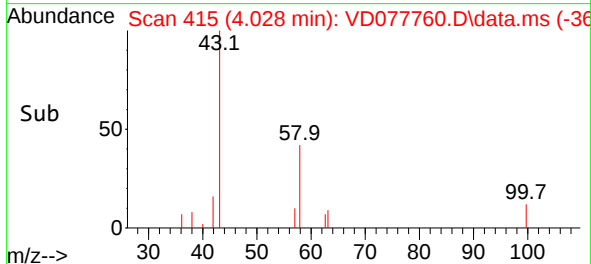
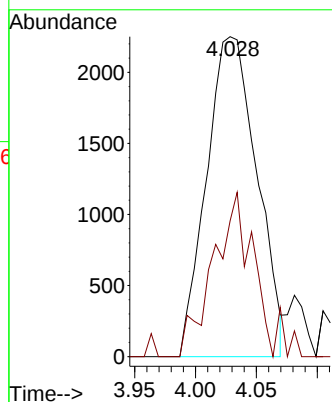
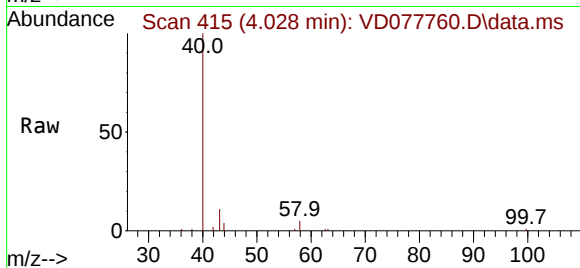
C0AT8

Tgt Ion: 43 Resp: 6481

Ion Ratio Lower Upper

43 100

58 14.9 0.0 67.2



#16

Methylene chloride

Concen: 0.938 ug/L

RT: 4.805 min Scan# 547

Delta R.T. -0.006 min

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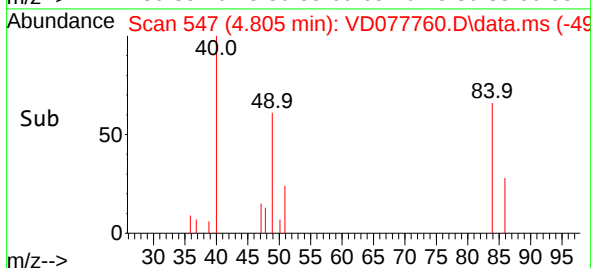
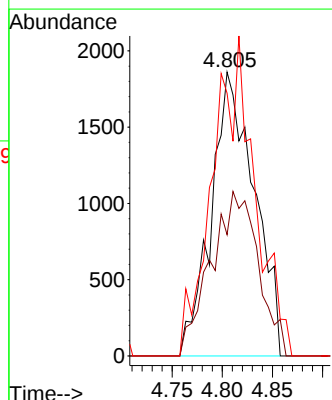
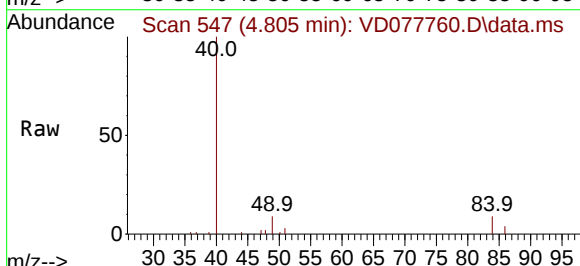
Tgt Ion: 84 Resp: 5543

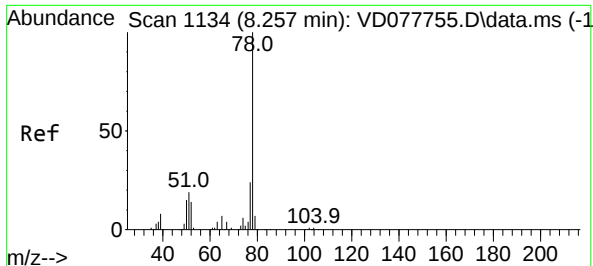
Ion Ratio Lower Upper

84 100

86 42.7 40.1 74.5

49 92.6 83.2 154.6

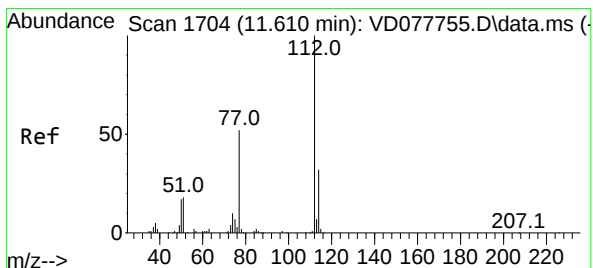
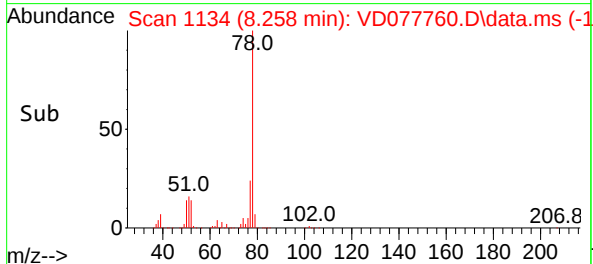
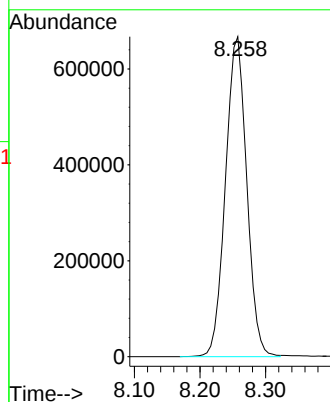
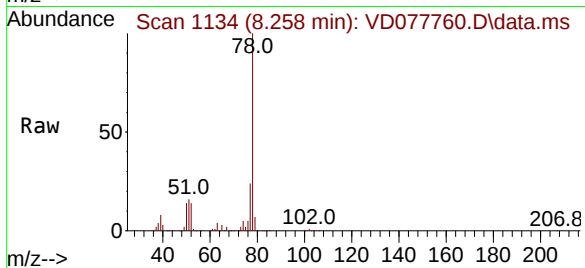




#33
Benzene
Concen: 98.767 ug/L
RT: 8.258 min Scan# 1134
Delta R.T. 0.000 min
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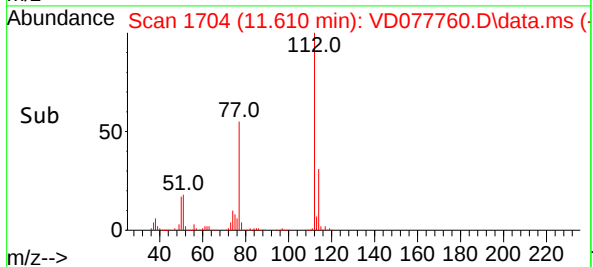
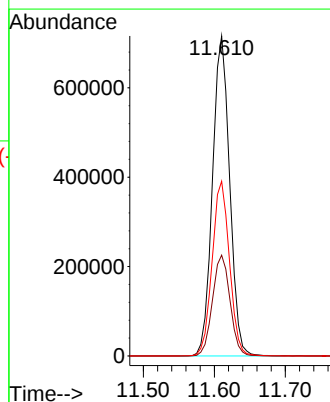
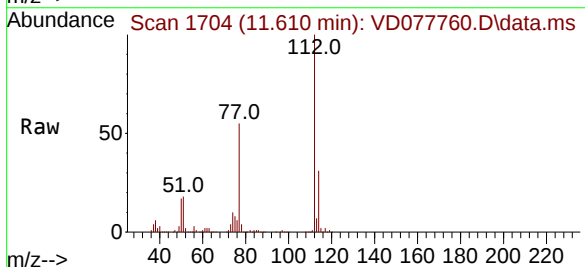
Tgt Ion: 78 Resp: 1501991

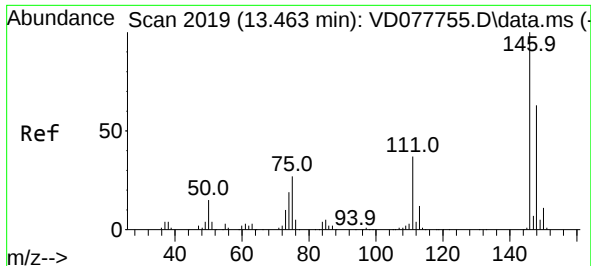


#51
Chlorobenzene
Concen: 119.908 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077760.D
Acq: 06 Dec 2023 14:35

Tgt Ion: 112 Resp: 1200966

Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.5	41.9
77	54.6	46.4	69.6

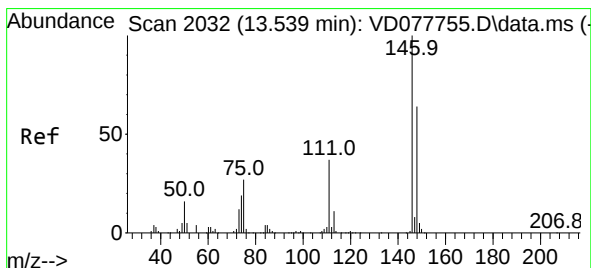
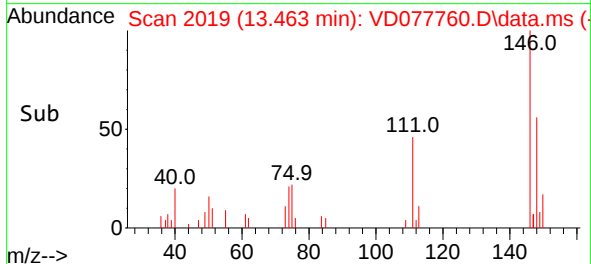
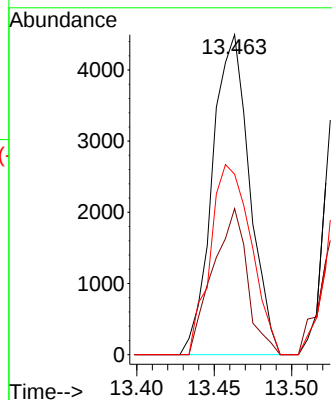
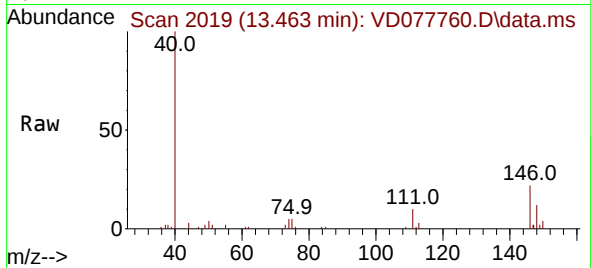




#64
1,3-Dichlorobenzene
Concen: 2.154 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD077760.D
Acq: 06 Dec 2023 14:35

Instrument :
MSVOA_D
ClientSampleId :
C0AT8

Tgt Ion:146 Resp: 7495
Ion Ratio Lower Upper
146 100
111 45.7 26.6 49.4
148 56.4 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 3.738 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077760.D
Acq: 06 Dec 2023 14:35

Tgt Ion:146 Resp: 13496
Ion Ratio Lower Upper
146 100
111 38.3 26.4 49.0
148 65.2 44.0 81.8

