

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120123\
 Data File : VD077720.D
 Acq On : 01 Dec 2023 10:51
 Operator : JC/SY
 Sample : 04929-04
 Misc : 3.57G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C0AQ2

Quant Time: Dec 04 03:10:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Dec 04 03:09:24 2023
 Response via : Initial Calibration

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

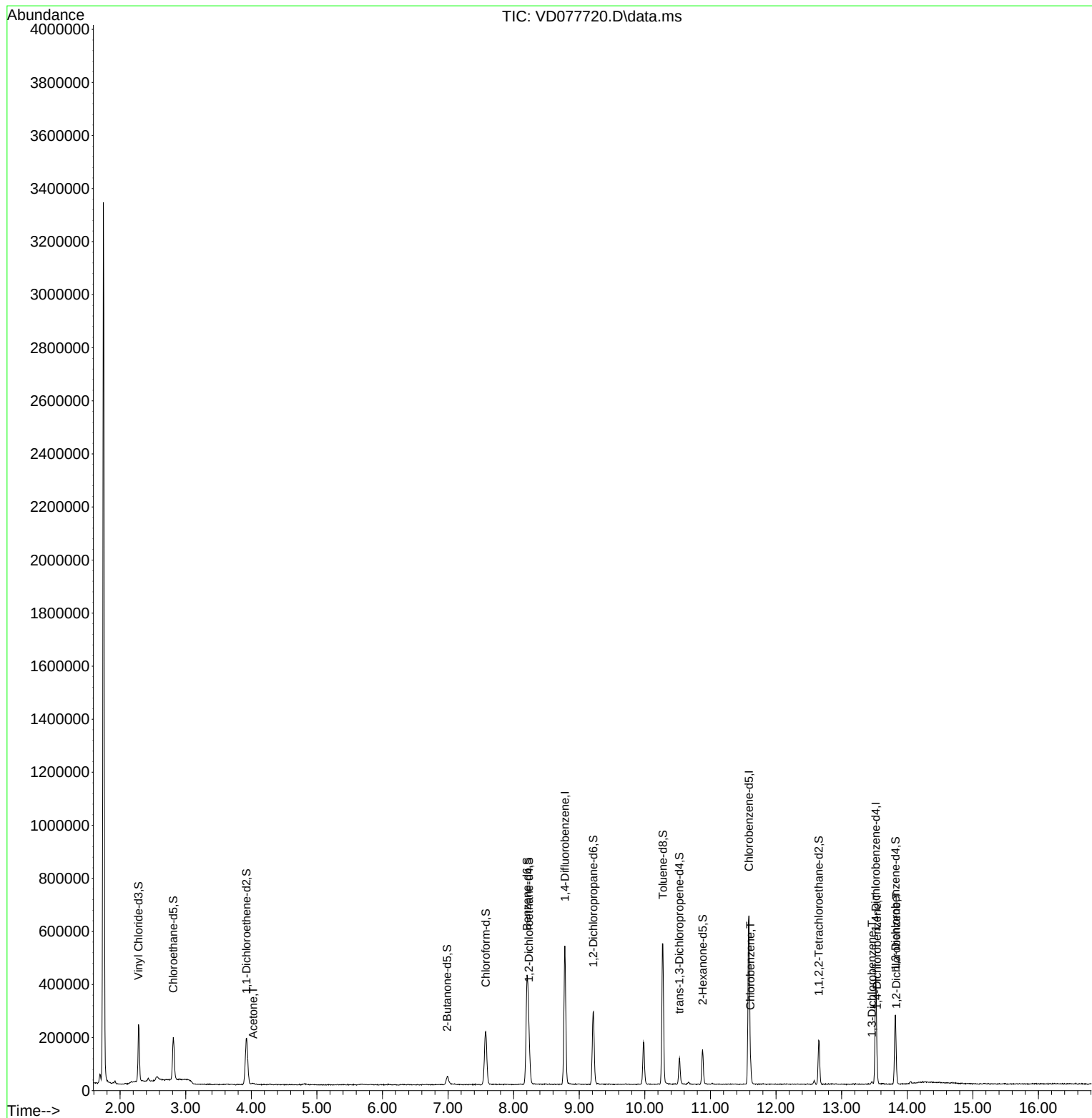
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	439773	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	357854	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	106351	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	196205	16.360	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.440%
7) Chloroethane-d5	2.811	69	163113	17.064	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.240%
11) 1,1-Dichloroethene-d2	3.928	65	52623	16.923	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.680%
21) 2-Butanone-d5	6.987	46	54128	35.711	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.420%
24) Chloroform-d	7.575	84	214435	18.092	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.360%
26) 1,2-Dichloroethane-d4	8.234	65	113983	18.980	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.920%
32) Benzene-d6	8.204	84	441161	20.469	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.880%
36) 1,2-Dichloropropane-d6	9.216	67	137254	20.872	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.480%
41) Toluene-d8	10.275	98	375381	18.923	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.680%
43) trans-1,3-Dichloroprop...	10.528	79	56289	19.357	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.440%
47) 2-Hexanone-d5	10.881	63	46959	41.441	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.880%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	88734	18.673	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.680%
66) 1,2-Dichlorobenzene-d4	13.822	152	69246	18.200	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.800%#
Target Compounds						Qvalue
13) Acetone	4.028	43	7941	4.089	ug/L	97
51) Chlorobenzene	11.610	112	33687	2.196	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	3835	0.559	ug/L	93
65) 1,4-Dichlorobenzene	13.539	146	9064	1.272	ug/L #	81
67) 1,2-Dichlorobenzene	13.834	146	6250	1.012	ug/L #	88

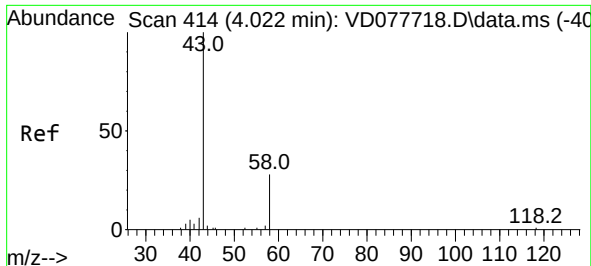
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration





#13

Acetone

Concen: 4.089 ug/L

RT: 4.028 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD077720.D

Acq: 01 Dec 2023 10:51

Instrument :

MSVOA_D

ClientSampleId :

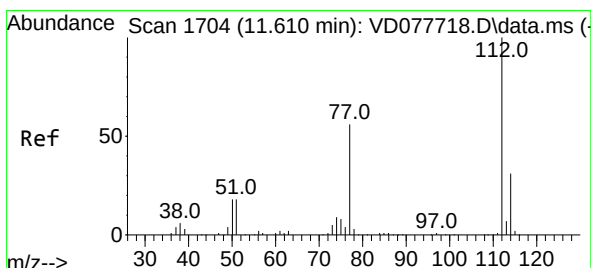
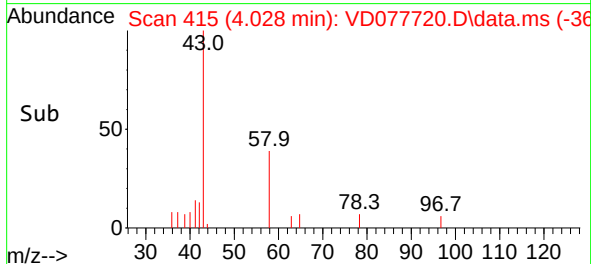
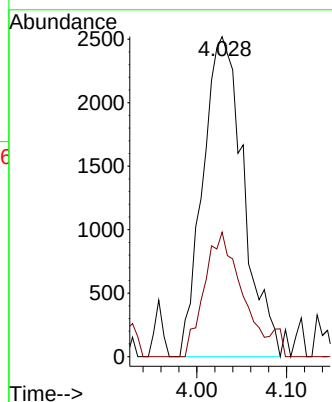
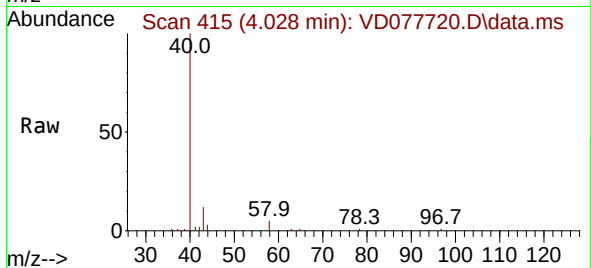
C0AQ2

Tgt Ion: 43 Resp: 7941

Ion Ratio Lower Upper

43 100

58 35.1 0.0 67.2



#51

Chlorobenzene

Concen: 2.196 ug/L

RT: 11.610 min Scan# 1704

Delta R.T. -0.000 min

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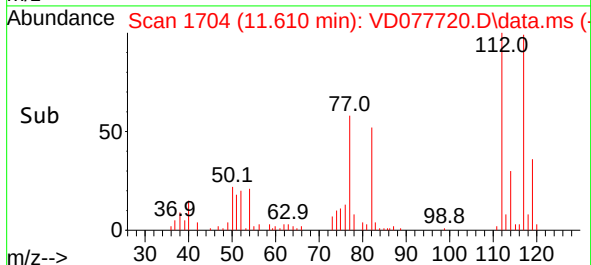
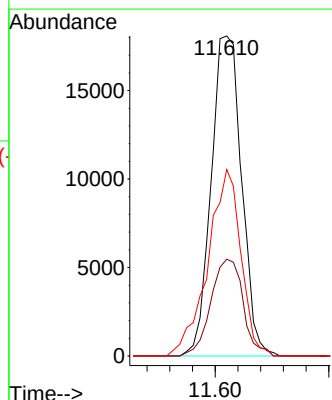
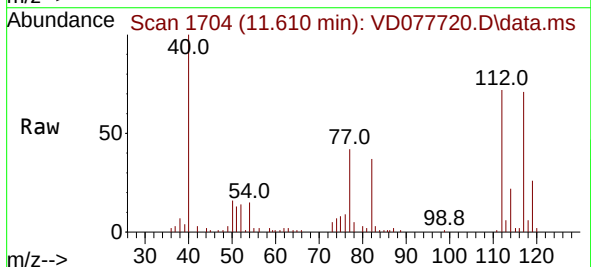
Tgt Ion: 112 Resp: 33687

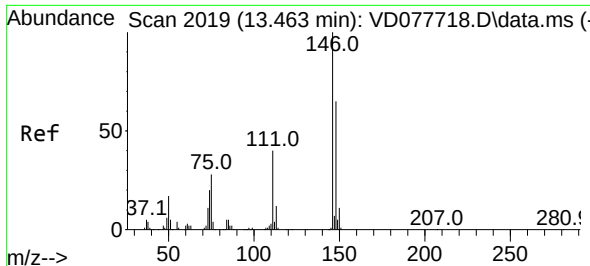
Ion Ratio Lower Upper

112 100

114 30.2 22.5 41.9

77 58.2 46.4 69.6

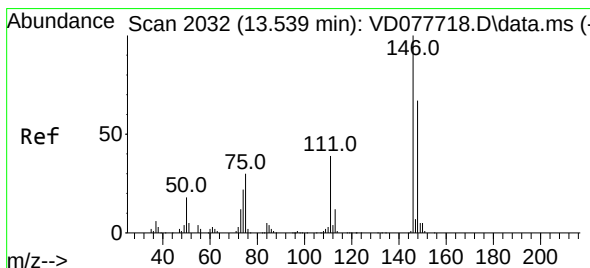
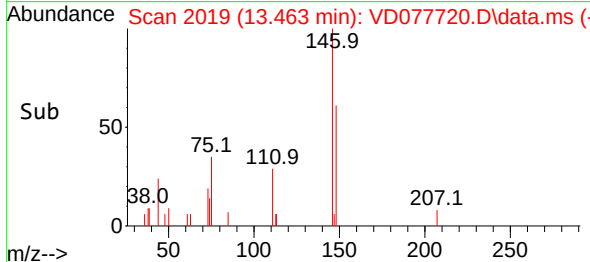
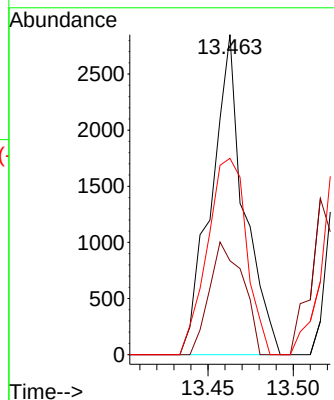
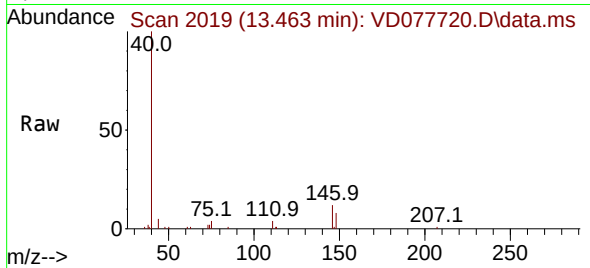




#64
1,3-Dichlorobenzene
Concen: 0.559 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD077720.D
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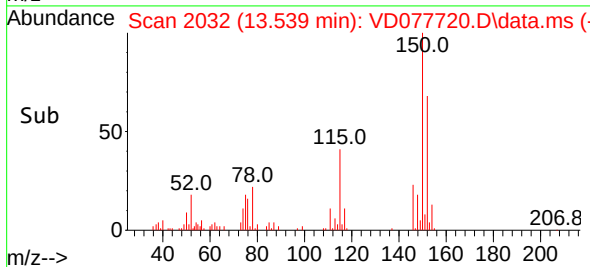
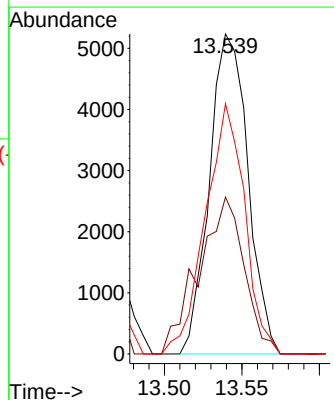
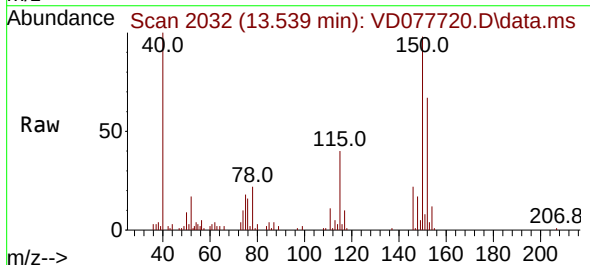
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C0AQ2

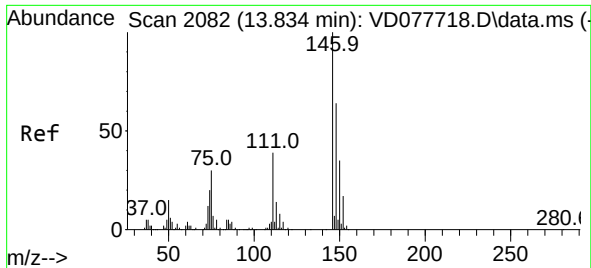
Tgt Ion:146	Resp:	3835	
Ion	Ratio	Lower	Upper
146	100		
111	29.4	26.6	49.4
148	61.3	44.0	81.6



#65
1,4-Dichlorobenzene
Concen: 1.272 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077720.D
Acq: 01 Dec 2023 10:51

Tgt Ion:146	Resp:	9064	
Ion	Ratio	Lower	Upper
146	100		
111	49.1	26.4	49.0#
148	78.2	44.0	81.8





#67
 1,2-Dichlorobenzene
 Concen: 1.012 ug/L
 RT: 13.834 min Scan# 2082
 Delta R.T. -0.000 min
 Lab File: VD077720.D
 Acq: 01 Dec 2023 10:51

Instrument :
 MSVOA_D
 ClientSampleId :
 C0AQ2

Tgt Ion:146 Resp: 6250
 Ion Ratio Lower Upper
 146 100
 111 54.4 31.4 47.2#
 148 59.0 50.2 75.2

