

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073124\
 Data File : VW029818.D
 Acq On : 31 Jul 2024 16:20
 Operator : SY/MD
 Sample : P3361-02
 Misc : 9.8g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E20N5

Quant Time: Aug 01 04:46:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 01 04:42:41 2024
 Response via : Initial Calibration

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

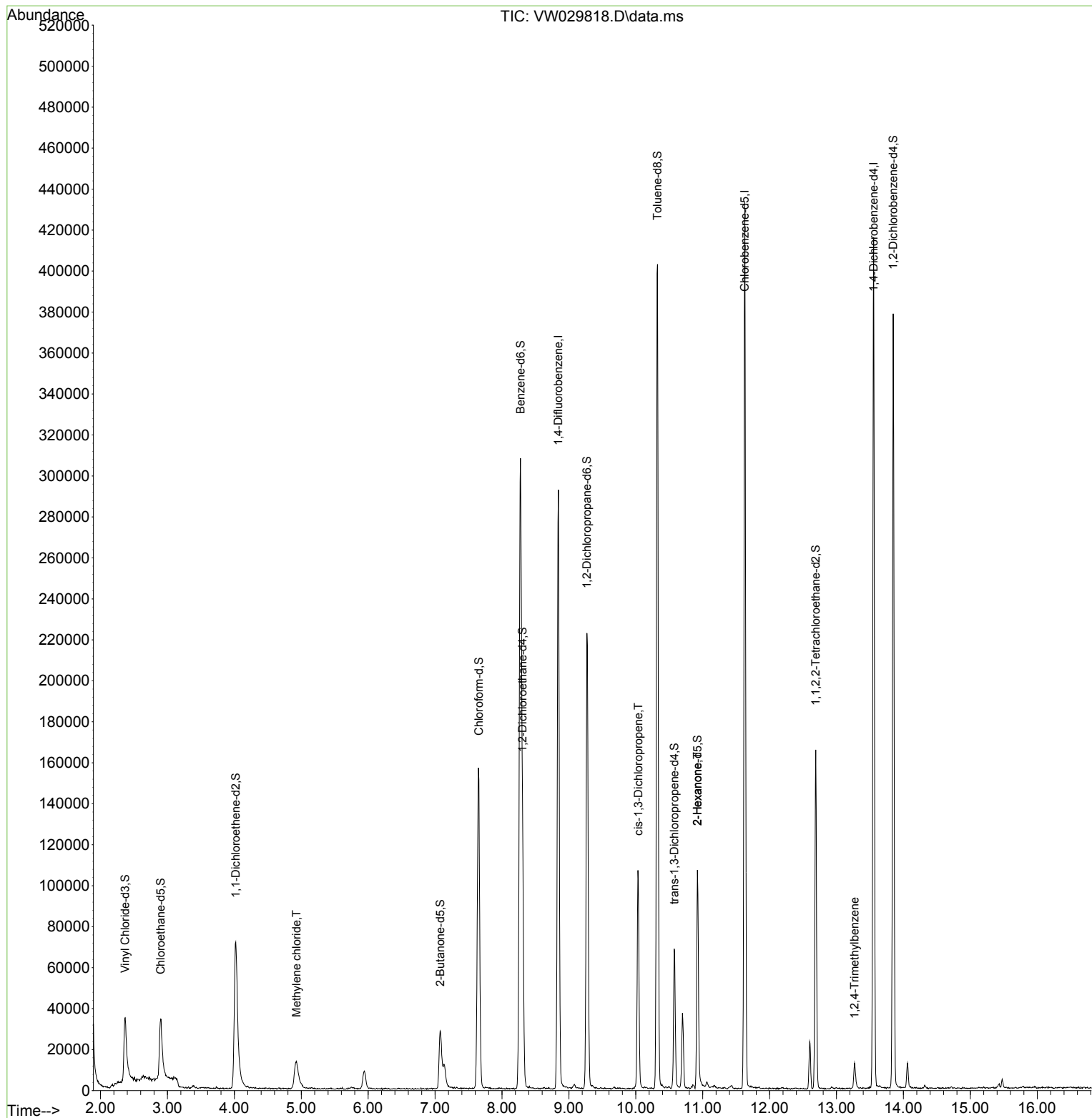
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	222812	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	216010	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	97990	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	60335	19.074	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.280%
7) Chloroethane-d5	2.899	69	50469	22.348	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	4.021	65	31166	21.584	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.320%
21) 2-Butanone-d5	7.075	46	50518	58.269	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.540%
24) Chloroform-d	7.654	84	155285	26.923	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.680%
26) 1,2-Dichloroethane-d4	8.307	65	95831	29.170	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.680%
32) Benzene-d6	8.276	84	293590	25.155	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	9.270	67	100063	26.850	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.400%
41) Toluene-d8	10.325	98	256094	24.677	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.720%
43) trans-1,3-Dichloroprop...	10.575	79	36274	24.054	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.200%
47) 2-Hexanone-d5	10.922	63	34498	56.139	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.280%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	81824	29.569	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	85524	28.108	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.440%
Target Compounds						Qvalue
16) Methylene chloride	4.929	84	11491	2.467	ug/L	98
39) cis-1,3-Dichloropropene	10.038	75	2857	0.484	ug/L #	71
48) 2-Hexanone	10.922	43	5113	2.650	ug/L #	68
63) 1,2,4-Trimethylbenzene	13.269	105	4331	0.359	ug/L #	32

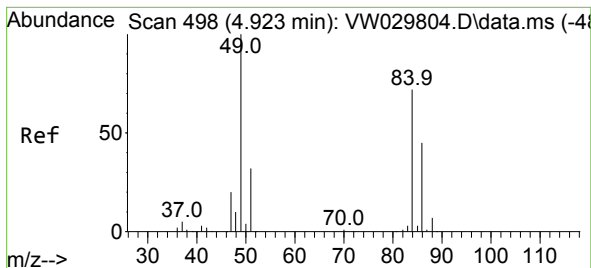
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Aug 01 04:42:41 2024
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#16

Methylene chloride

Concen: 2.467 ug/L

RT: 4.929 min Scan# 49

Delta R.T. 0.006 min

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Instrument :

MSVOA_W

ClientSampleId :

E20N5

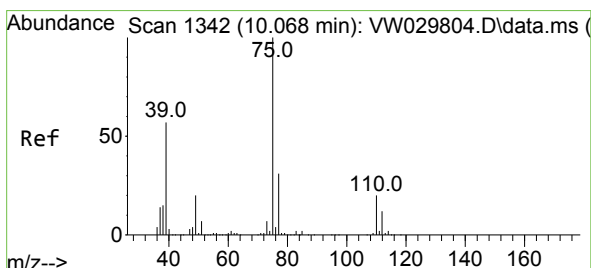
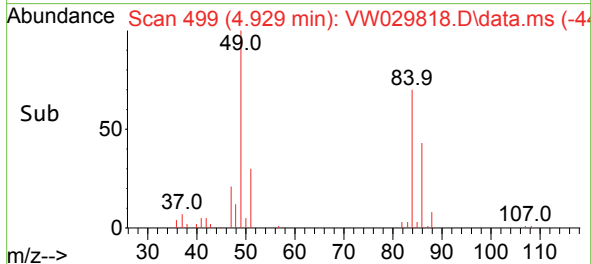
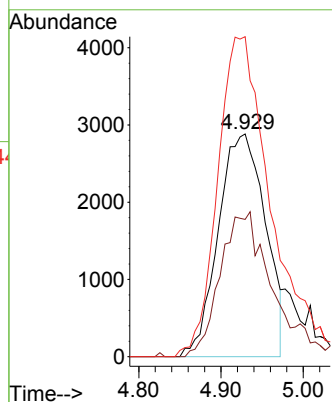
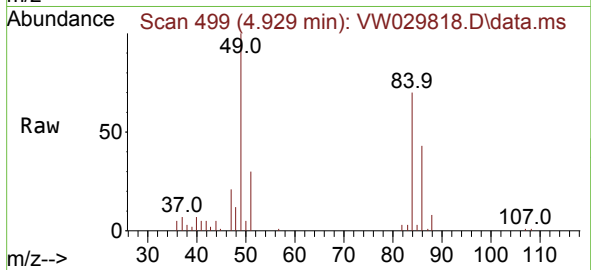
Tgt Ion: 84 Resp: 11491

Ion Ratio Lower Upper

84 100

86 61.6 44.7 82.9

49 143.7 99.0 184.0



#39

cis-1,3-Dichloropropene

Concen: 0.484 ug/L

RT: 10.038 min Scan# 1337

Delta R.T. -0.030 min

Lab File: VW029818.D

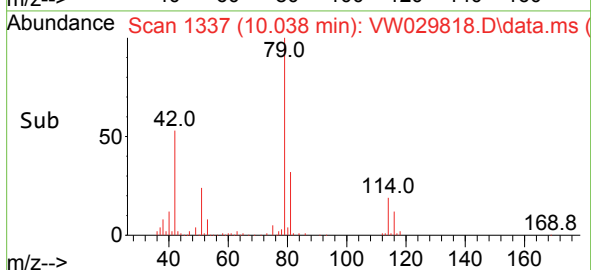
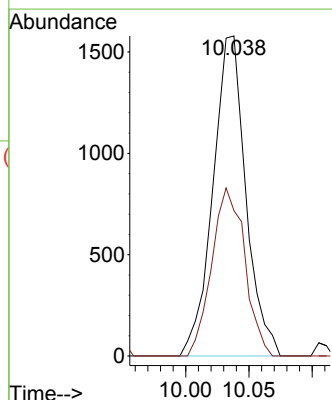
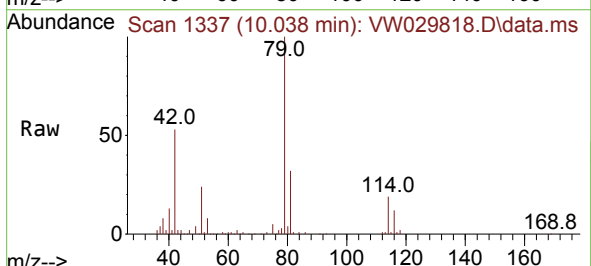
Acq: 31 Jul 2024 16:20

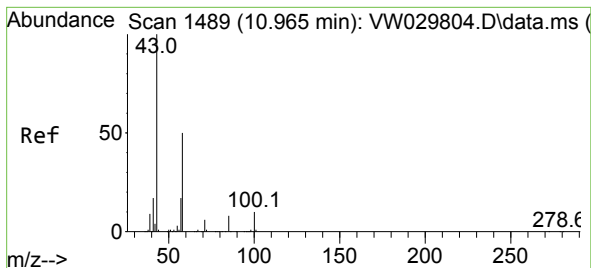
Tgt Ion: 75 Resp: 2857

Ion Ratio Lower Upper

75 100

77 45.4 20.8 38.6#





#48

2-Hexanone

Concen: 2.650 ug/L

RT: 10.922 min Scan# 1489

Delta R.T. -0.042 min

Lab File: VW029818.D

Acq: 31 Jul 2024 16:20

Instrument :

MSVOA_W

ClientSampleId :

E20N5

Tgt Ion: 43 Resp: 5113

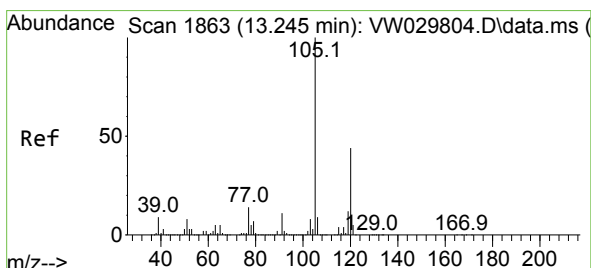
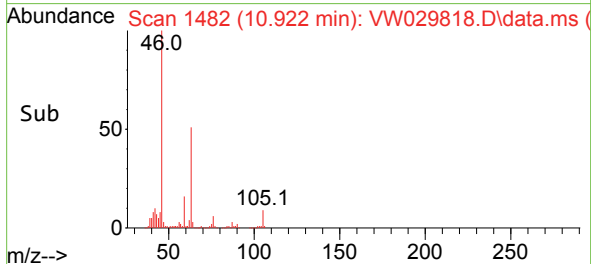
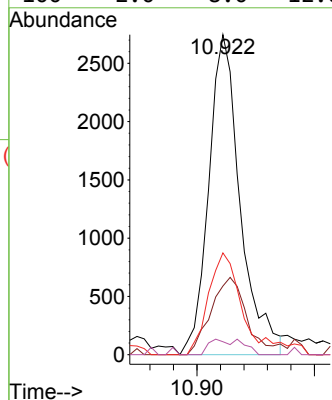
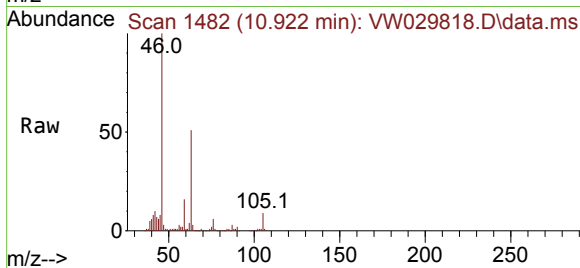
Ion Ratio Lower Upper

43 100

58 27.2 41.0 61.4#

57 31.4 14.1 21.1#

100 2.0 8.0 12.0#



#63

1,2,4-Trimethylbenzene

Concen: 0.359 ug/L

RT: 13.269 min Scan# 1867

Delta R.T. 0.025 min

Lab File: VW029818.D

Acq: 31 Jul 2024 16:20

Tgt Ion:105 Resp: 4331

Ion Ratio Lower Upper

105 100

120 0.0 35.4 53.0#

