

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120523\
 Data File : VD077748.D
 Acq On : 05 Dec 2023 12:30
 Operator : JC/SY
 Sample : 05625-01
 Misc : 6.01G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 06 00:25:06 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)

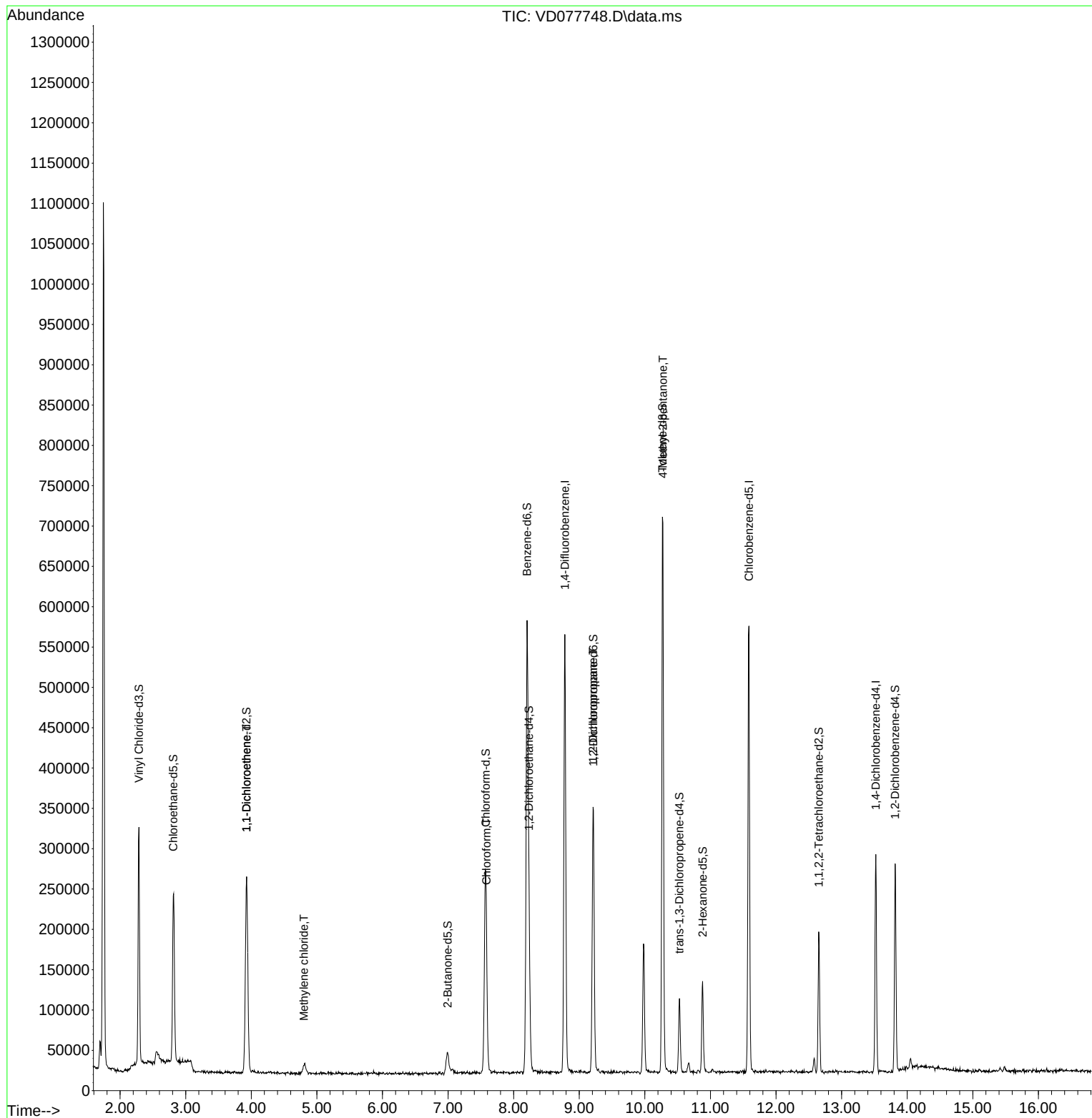
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	479226	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	320711	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	72790	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.287	65	281121	21.511	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.040%
7) Chloroethane-d5	2.811	69	229433	22.026	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.120%
11) 1,1-Dichloroethene-d2	3.928	65	69980	20.652	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.600%
21) 2-Butanone-d5	6.993	46	46186	27.963	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.920%
24) Chloroform-d	7.575	84	268988	20.826	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.320%
26) 1,2-Dichloroethane-d4	8.234	65	121456	18.560	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.240%
32) Benzene-d6	8.204	84	592543	30.677	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.720%
36) 1,2-Dichloropropane-d6	9.216	67	169172	28.705	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.840%
41) Toluene-d8	10.269	98	483213	27.179	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.720%
43) trans-1,3-Dichloroprop...	10.528	79	51432	19.735	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.960%
47) 2-Hexanone-d5	10.881	63	40347	39.730	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.460%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	85061	19.973	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.880%
66) 1,2-Dichlorobenzene-d4	13.816	152	69031	26.509	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.040%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.928	96	2520	0.387	ug/L #	1
16) Methylene chloride	4.805	84	4054	0.476	ug/L	88
25) Chloroform	7.587	83	4162	0.330	ug/L	77
37) 1,2-Dichloropropane	9.210	63	18566	3.411	ug/L #	87
40) 4-Methyl-2-pentanone	10.275	43	2120	0.706	ug/L #	1

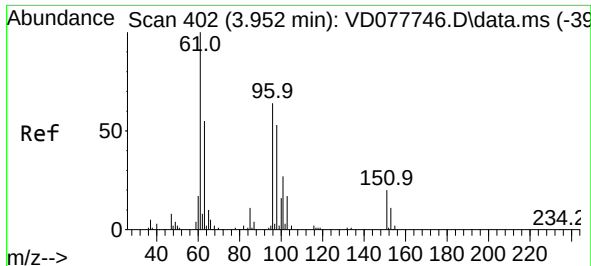
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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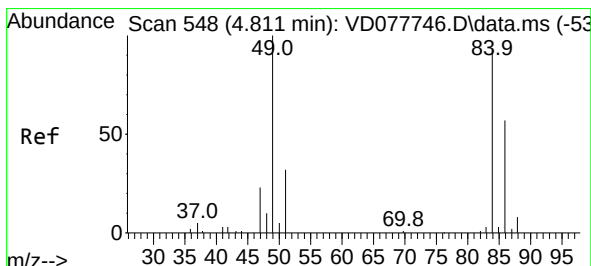
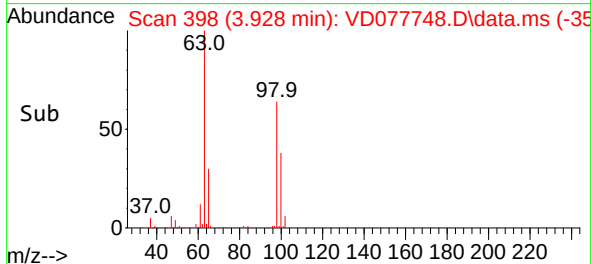
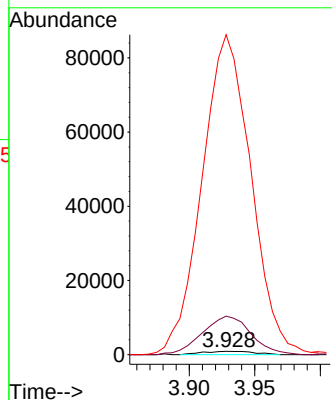
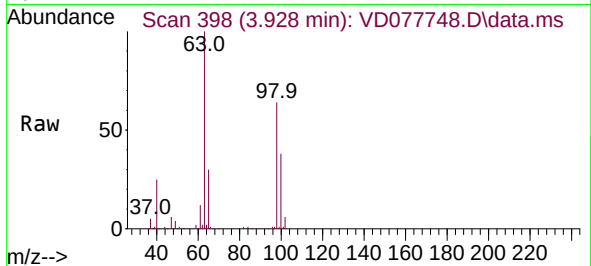




#12
1,1-Dichloroethene
Concen: 0.387 ug/L
RT: 3.928 min Scan# 398
Delta R.T. -0.024 min
Lab File: VD077748.D
Acq: 05 Dec 2023 12:30

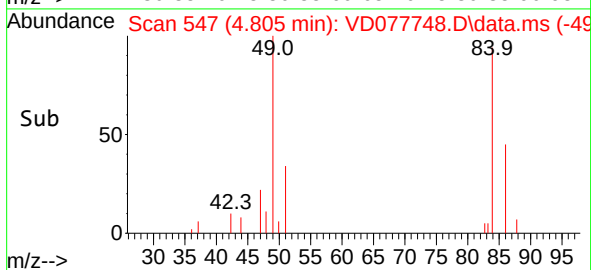
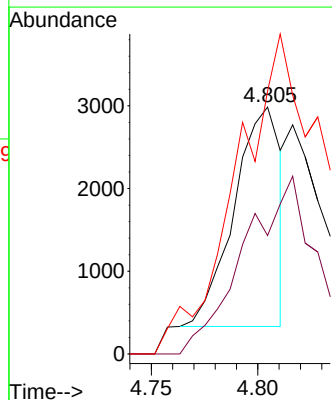
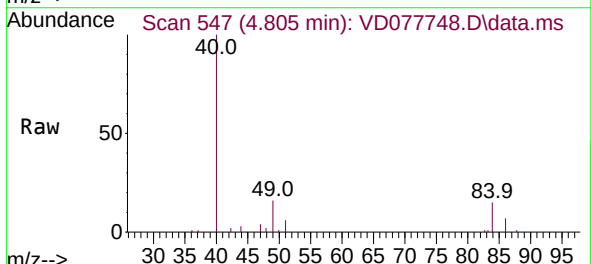
Instrument :
MSVOA_D
ClientSampleId :

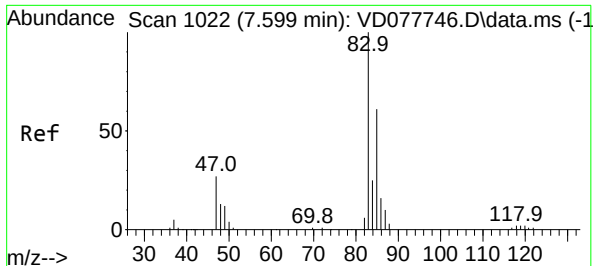
Tgt Ion: 96 Resp: 2520
Ion Ratio Lower Upper
96 100
61 1160.1 108.6 201.6#
63 9605.3 60.3 111.9#



#16
Methylene chloride
Concen: 0.476 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD077748.D
Acq: 05 Dec 2023 12:30

Tgt Ion: 84 Resp: 4054
Ion Ratio Lower Upper
84 100
86 48.0 40.1 74.5
49 106.4 83.2 154.6





#25

Chloroform

Concen: 0.330 ug/L

RT: 7.587 min Scan# 1020

Delta R.T. -0.012 min

Lab File: VD077748.D

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Instrument :

MSVOA_D

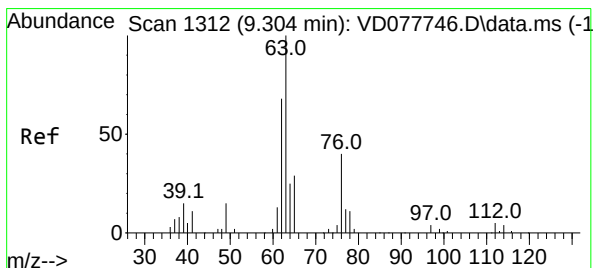
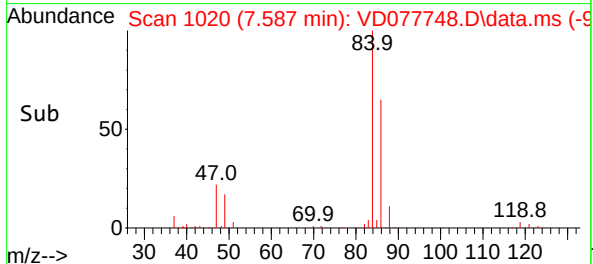
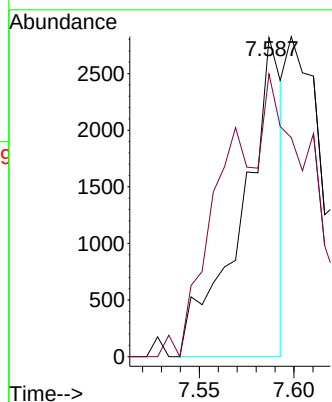
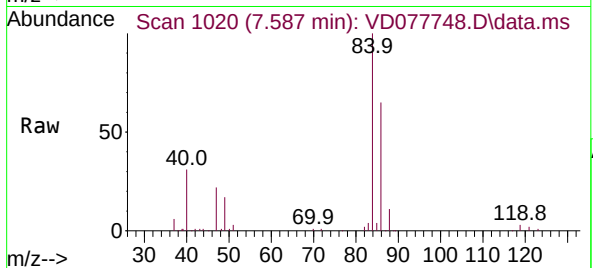
ClientSampleId :

Tgt Ion: 83 Resp: 4162

Ion Ratio Lower Upper

83 100

85 88.6 48.9 90.9



#37

1,2-Dichloropropane

Concen: 3.411 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.094 min

Lab File: VD077748.D

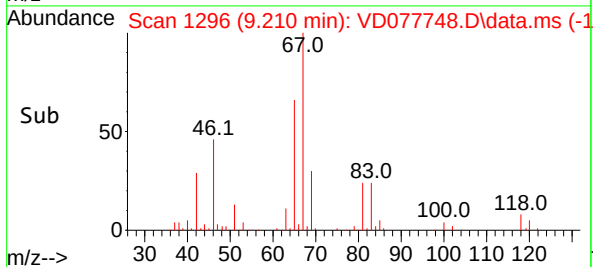
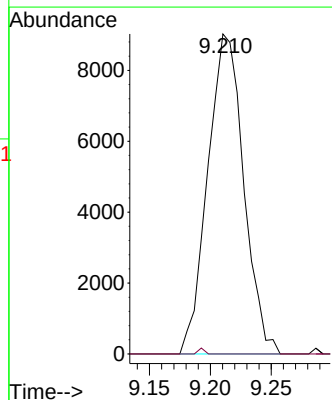
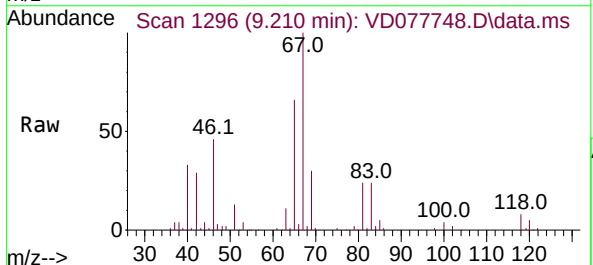
Acq: 05 Dec 2023 12:30

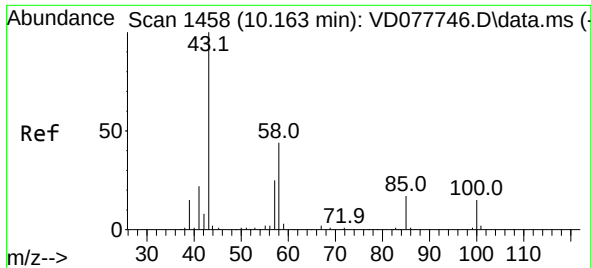
Tgt Ion: 63 Resp: 18566

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#





#40

4-Methyl-2-pentanone

Concen: 0.706 ug/L

RT: 10.275 min Scan# 14

Delta R.T. 0.112 min

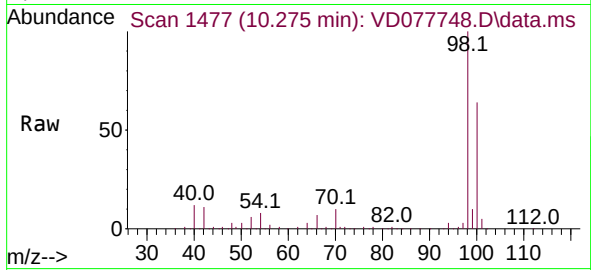
Lab File: VD077748.D

Acq: 05 Dec 2023 12:30

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 2120

Ion Ratio Lower Upper

43 100

58 186.1 31.0 46.4#

100 14564.2 11.9 17.9#

