

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
 Data File : VD077203.D
 Acq On : 22 Sep 2023 16:58
 Operator : JC/SY
 Sample : 04527-12
 Misc : 4.06G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 22 23:44:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 22 23:41:10 2023
 Response via : Initial Calibration

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

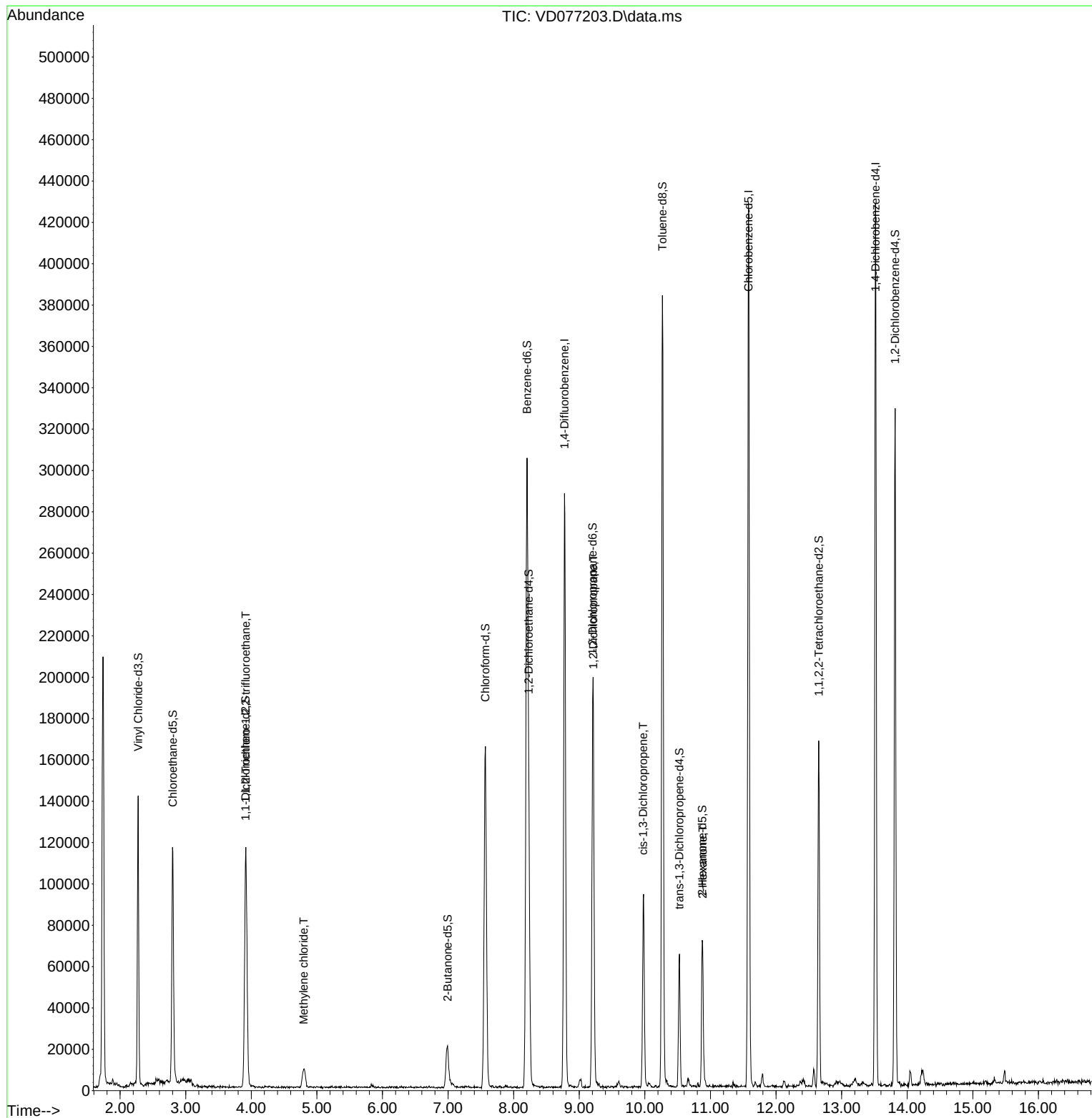
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	262668	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	261854	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	120811	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	120081	18.553	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.200%
7) Chloroethane-d5	2.805	69	117514	22.079	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.320%
11) 1,1-Dichloroethene-d2	3.911	65	31774	21.612	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.440%
21) 2-Butanone-d5	6.993	46	35734	43.826	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.660%
24) Chloroform-d	7.569	84	172464	23.995	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	8.228	65	84322	24.753	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	8.204	84	328387	22.706	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.840%
36) 1,2-Dichloropropane-d6	9.204	67	101647	24.508	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.040%
41) Toluene-d8	10.269	98	277500	20.961	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.840%
43) trans-1,3-Dichloroprop...	10.528	79	36384	19.253	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.000%
47) 2-Hexanone-d5	10.875	63	26769	40.411	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.820%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	87926	23.780	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.120%
66) 1,2-Dichlorobenzene-d4	13.816	152	86679	22.353	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	3.916	101	979	0.252	ug/L #	20
16) Methylene chloride	4.799	84	8230	1.539	ug/L	88
37) 1,2-Dichloropropane	9.216	63	11404	2.874	ug/L #	85
39) cis-1,3-Dichloropropene	9.975	75	2715	0.430	ug/L	88
48) 2-Hexanone	10.881	43	3671	2.183	ug/L #	48

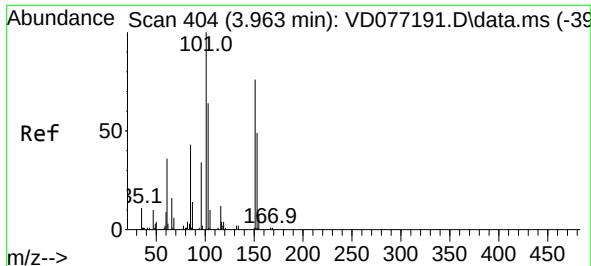
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Sep 22 23:41:10 2023
Response via : Initial Calibration

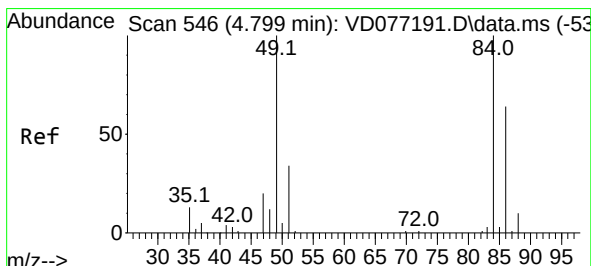
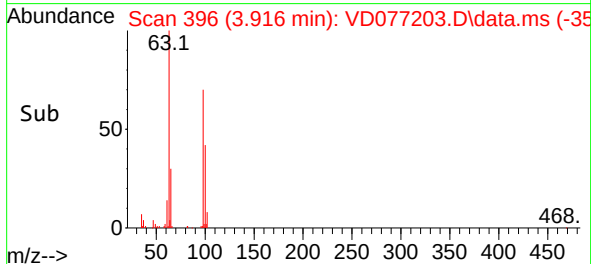
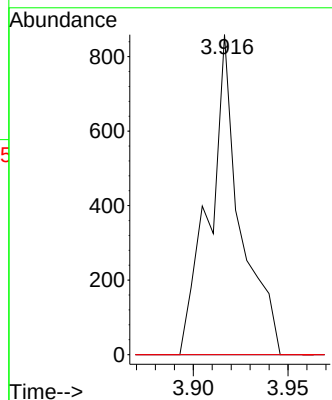
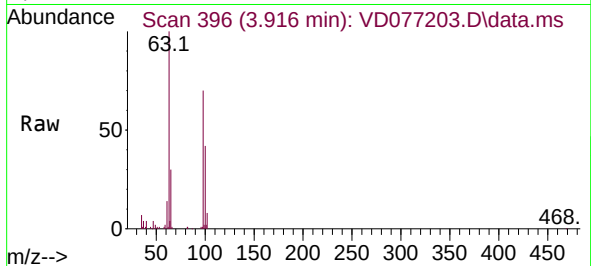




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.252 ug/L
RT: 3.916 min Scan# 396
Delta R.T. -0.047 min
Lab File: VD077203.D
Acq: 22 Sep 2023 16:58

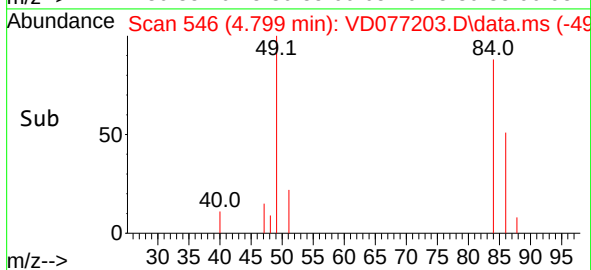
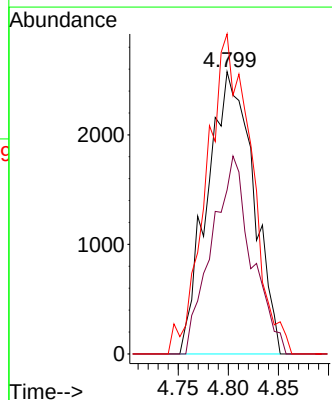
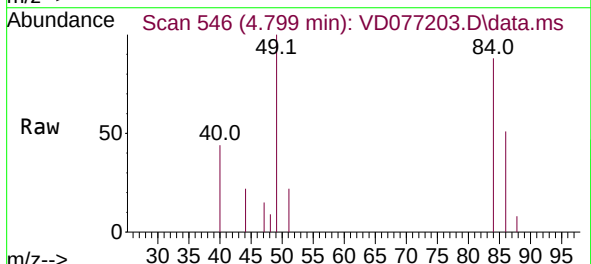
Instrument :
MSVOA_D
ClientSampleId :

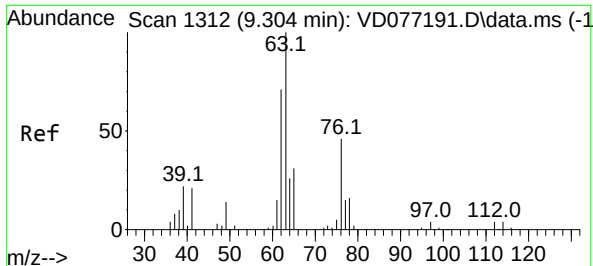
Tgt Ion:101 Resp: 979
Ion Ratio Lower Upper
101 100
85 0.0 33.4 50.2#
151 0.0 59.6 89.4#



#16
Methylene chloride
Concen: 1.539 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD077203.D
Acq: 22 Sep 2023 16:58

Tgt Ion: 84 Resp: 8230
Ion Ratio Lower Upper
84 100
86 58.1 45.3 84.1
49 113.3 69.2 128.6





#37

1,2-Dichloropropane

Concen: 2.874 ug/L

RT: 9.216 min Scan# 11

Delta R.T. -0.088 min

Lab File: VD077203.D

Acq: 22 Sep 2023 16:58

Instrument :

MSVOA_D

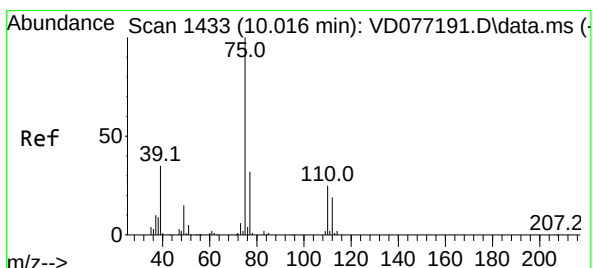
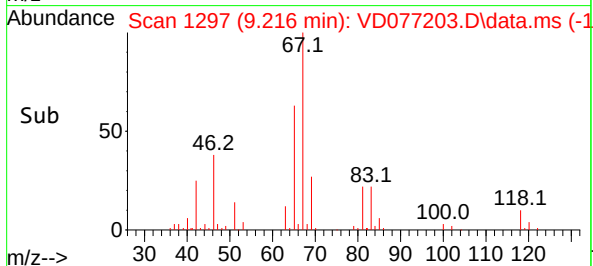
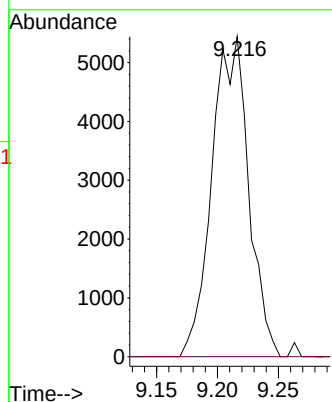
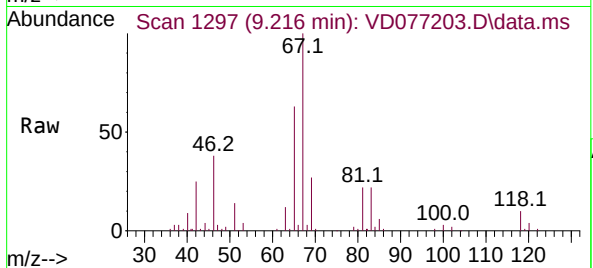
ClientSampleId :

Tgt Ion: 63 Resp: 11404

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.430 ug/L

RT: 9.975 min Scan# 1426

Delta R.T. -0.041 min

Lab File: VD077203.D

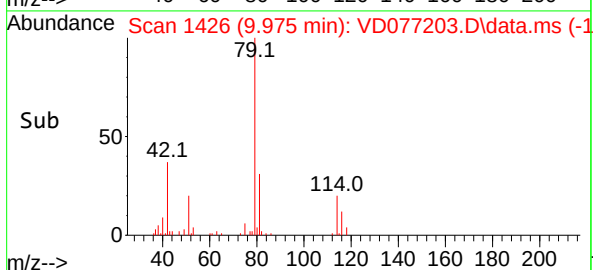
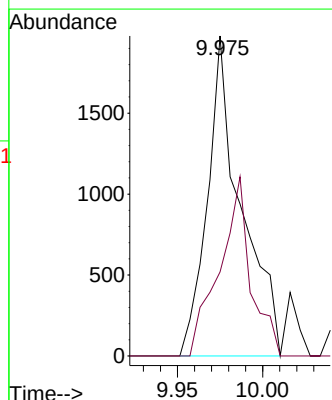
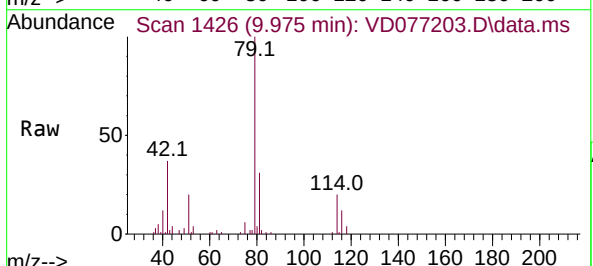
Acq: 22 Sep 2023 16:58

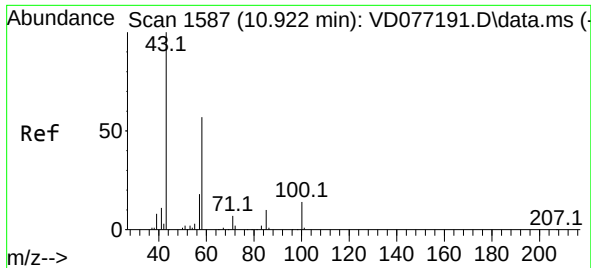
Tgt Ion: 75 Resp: 2715

Ion Ratio Lower Upper

75 100

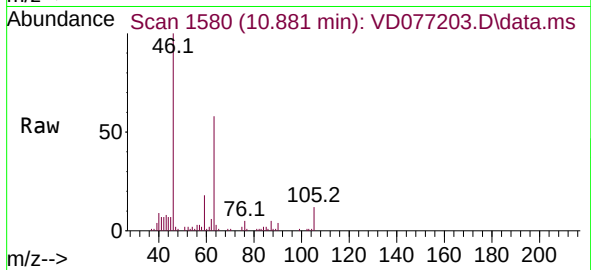
77 26.3 23.2 43.2





#48
 2-Hexanone
 Concen: 2.183 ug/L
 RT: 10.881 min Scan# 11
 Delta R.T. -0.041 min
 Lab File: VD077203.D
 Acq: 22 Sep 2023 16:58

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 43	Resp:	3671
Ion	Ratio	Lower Upper
43	100	
58	16.6	50.6 75.8#
57	39.4	16.6 24.8#
100	0.0	13.0 19.6#

