

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120723\
 Data File : VD077771.D
 Acq On : 07 Dec 2023 11:01
 Operator : JC/SY
 Sample : 05646-08RE
 Misc : 5.21G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 08 00:32:52 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)

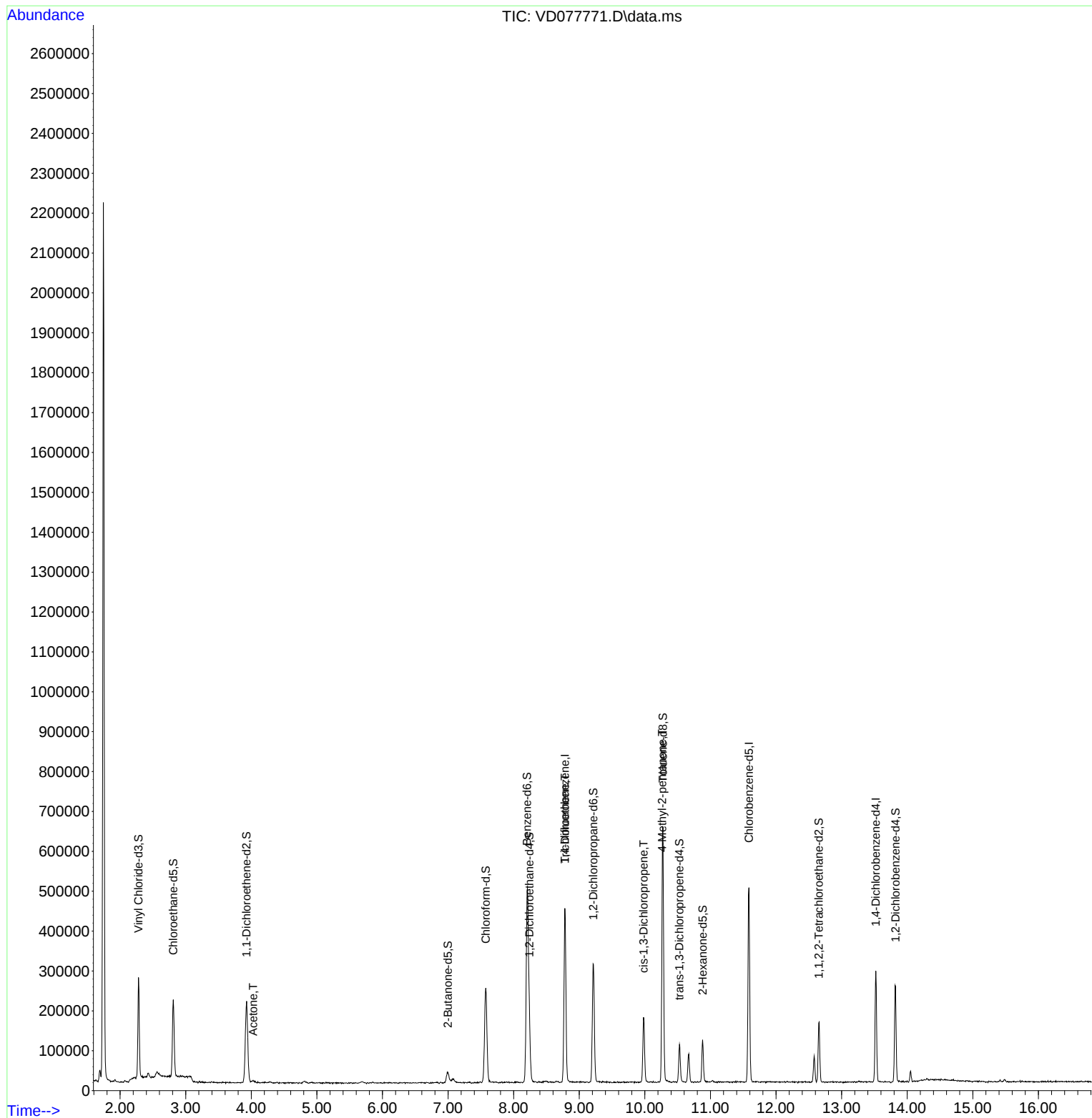
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	388173	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.586	117	289704	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	74610	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	234583	22.160	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.640%
7) Chloroethane-d5	2.810	69	202991	24.058	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.240%
11) 1,1-Dichloroethene-d2	3.928	65	58699	21.386	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.560%
21) 2-Butanone-d5	6.998	46	45278	33.843	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.680%
24) Chloroform-d	7.575	84	252996	24.183	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.720%
26) 1,2-Dichloroethane-d4	8.239	65	119515	22.547	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	8.204	84	524076	30.037	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.160%
36) 1,2-Dichloropropane-d6	9.216	67	155298	29.171	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.680%
41) Toluene-d8	10.275	98	450362	28.043	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.160%
43) trans-1,3-Dichloroprop...	10.528	79	52208	22.177	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.720%
47) 2-Hexanone-d5	10.881	63	36723	40.031	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.060%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	77709	20.200	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.800%
66) 1,2-Dichlorobenzene-d4	13.822	152	65227	24.438	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.760%
Target Compounds						Qvalue
13) Acetone	4.028	43	4629	2.700	ug/L	81
34) Trichloroethene	8.781	95	11403	2.436	ug/L #	5
39) cis-1,3-Dichloropropene	9.981	75	4485	0.584	ug/L #	44
40) 4-Methyl-2-pentanone	10.263	43	2087	0.769	ug/L #	39

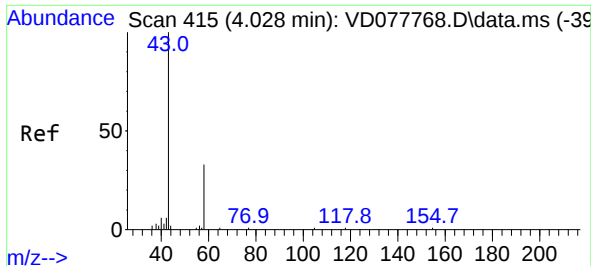
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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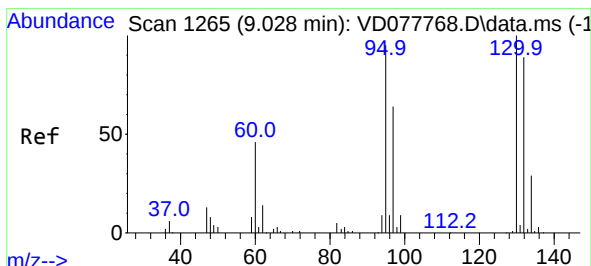
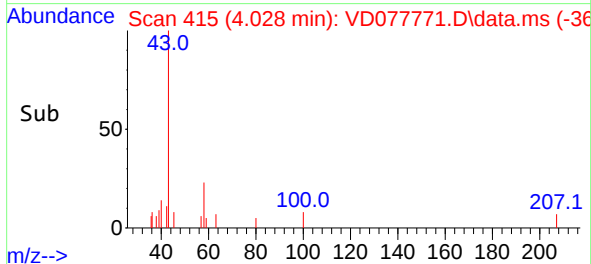
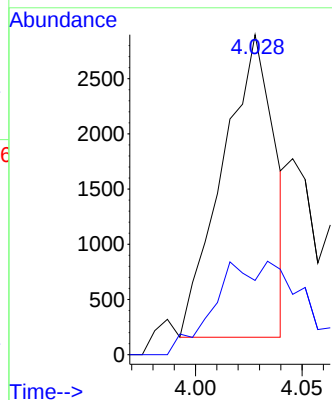
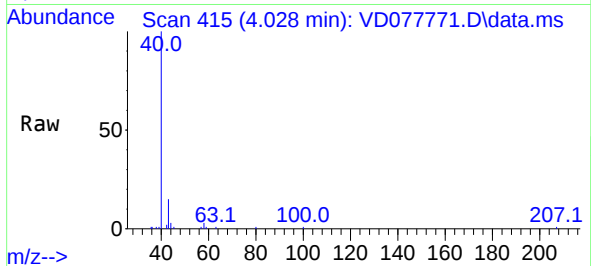




#13
Acetone
Concen: 2.700 ug/L
RT: 4.028 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD077771.D
Acq: 07 Dec 2023 11:01

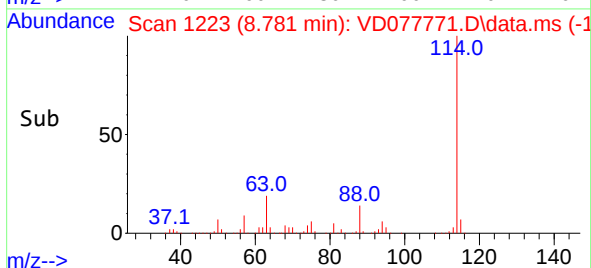
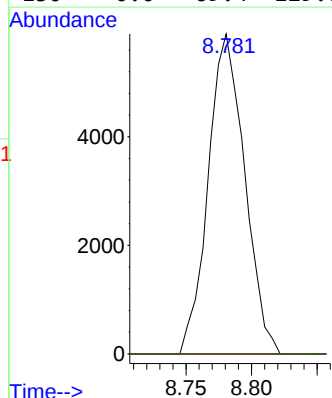
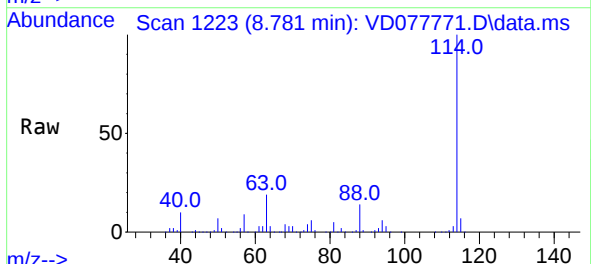
Instrument :
MSVOA_D
ClientSampleId :

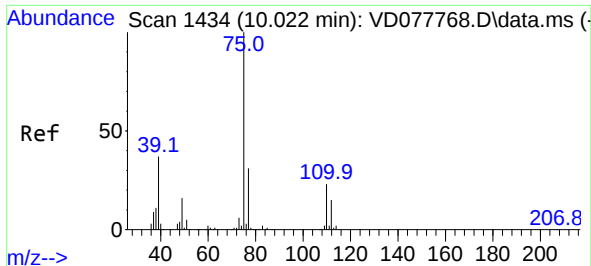
Tgt Ion: 43 Resp: 4629
Ion Ratio Lower Upper
43 100
58 22.9 0.0 67.2



#34
Trichloroethene
Concen: 2.436 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.253 min
Lab File: VD077771.D
Acq: 07 Dec 2023 11:01

Tgt Ion: 95 Resp: 11403
Ion Ratio Lower Upper
95 100
97 0.0 44.2 82.0#
132 0.0 67.5 125.3#
130 0.0 69.4 129.0#





#39

cis-1,3-Dichloropropene

Concen: 0.584 ug/L

RT: 9.981 min Scan# 1434

Delta R.T. -0.042 min

Lab File: VD077771.D

Acq: 07 Dec 2023 11:01

Instrument :

MSVOA_D

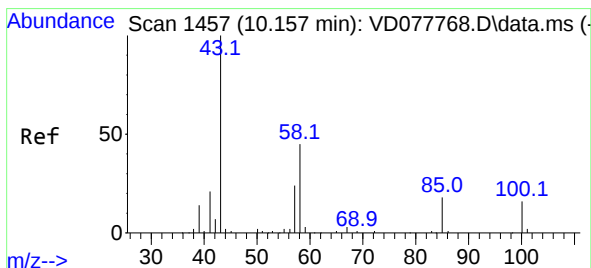
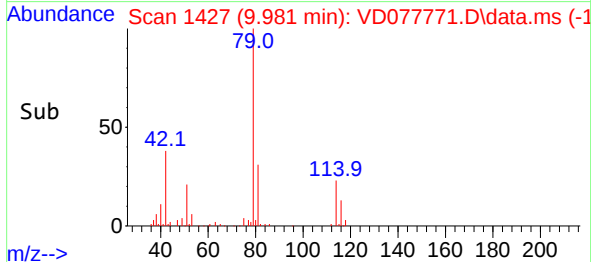
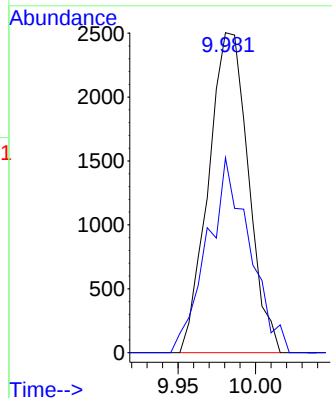
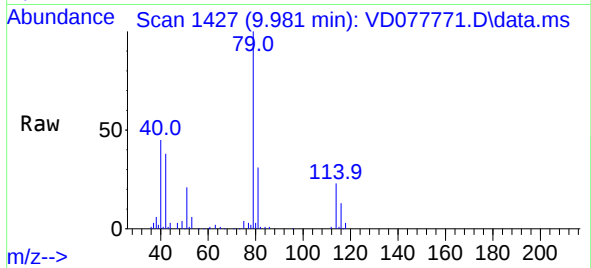
ClientSampleId :

Tgt Ion: 75 Resp: 4485

Ion Ratio Lower Upper

75 100

77 60.9 21.2 39.4#



#40

4-Methyl-2-pentanone

Concen: 0.769 ug/L

RT: 10.263 min Scan# 1475

Delta R.T. 0.100 min

Lab File: VD077771.D

Acq: 07 Dec 2023 11:01

Tgt Ion: 43 Resp: 2087

Ion Ratio Lower Upper

43 100

58 82.0 31.0 46.4#

100 0.0 11.9 17.9#

