

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120723\
 Data File : VD077770.D
 Acq On : 07 Dec 2023 10:35
 Operator : JC/SY
 Sample : 05646-07RE
 Misc : 2.92G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 08 00:32:43 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)

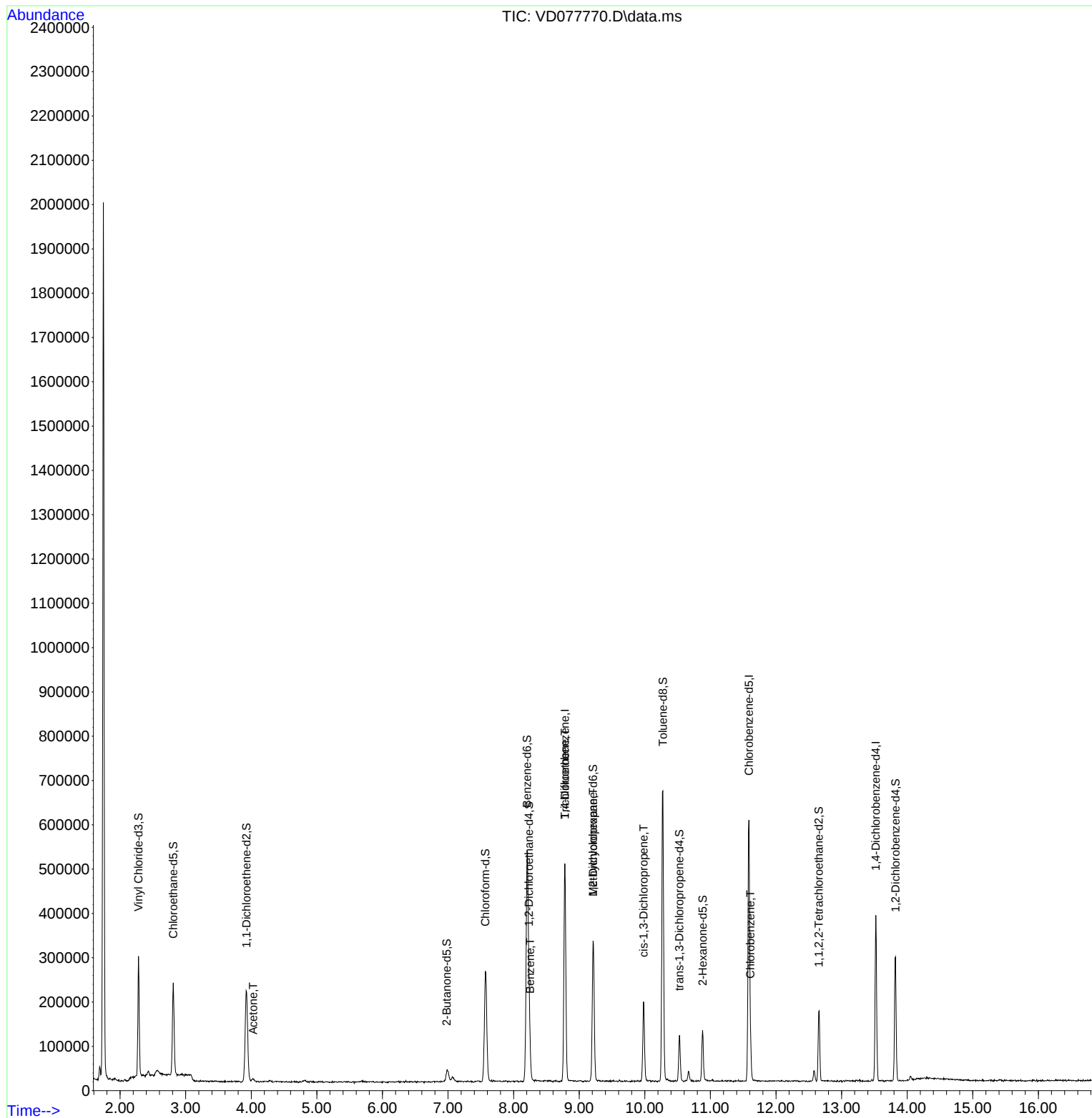
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	440358	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	338846	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	99075	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	241841	20.139	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.560%
7) Chloroethane-d5	2.811	69	211097	22.054	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	3.928	65	60784	19.521	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.080%
21) 2-Butanone-d5	6.981	46	46495	30.634	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.260%
24) Chloroform-d	7.569	84	263939	22.239	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.960%
26) 1,2-Dichloroethane-d4	8.234	65	125479	20.867	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.480%
32) Benzene-d6	8.205	84	555192	27.205	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.840%
36) 1,2-Dichloropropane-d6	9.210	67	164066	26.349	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.400%
41) Toluene-d8	10.275	98	471774	25.116	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.480%
43) trans-1,3-Dichloroprop...	10.528	79	59849	21.736	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.960%
47) 2-Hexanone-d5	10.881	63	40652	37.888	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.780%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	82189	18.266	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.080%
66) 1,2-Dichlorobenzene-d4	13.822	152	77767	21.941	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.760%
Target Compounds						Qvalue
13) Acetone	4.028	43	7984	4.106	ug/L	76
33) Benzene	8.252	78	7068	0.320	ug/L	100
34) Trichloroethene	8.781	95	12664	2.313	ug/L #	5
35) Methylcyclohexane	9.210	83	38177	3.928	ug/L #	19
39) cis-1,3-Dichloropropene	9.981	75	4253	0.474	ug/L #	27
51) Chlorobenzene	11.610	112	43051	2.964	ug/L	98

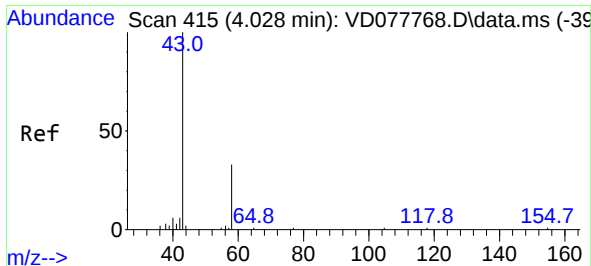
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 06 00:24:24 2023
Response via : Initial Calibration

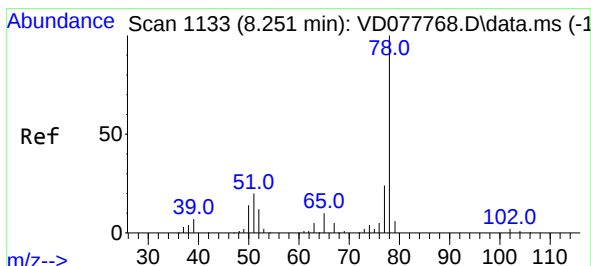
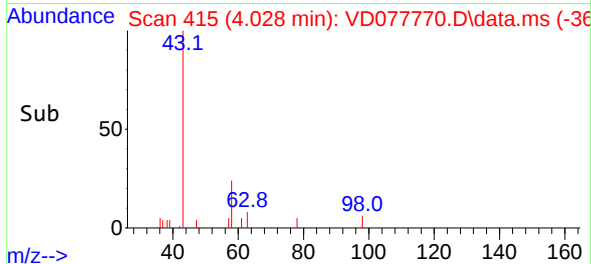
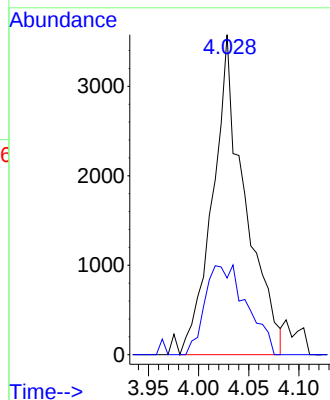
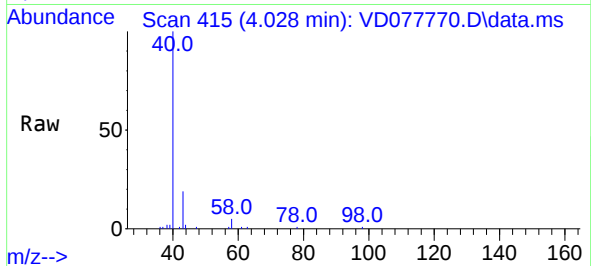




#13
Acetone
Concen: 4.106 ug/L
RT: 4.028 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077770.D
Acq: 07 Dec 2023 10:35

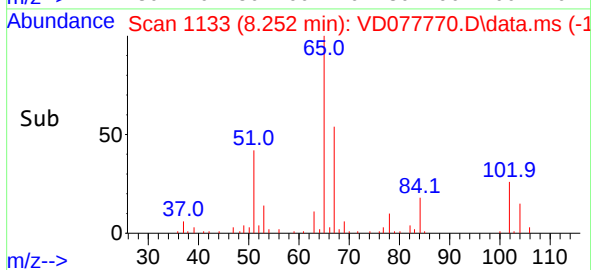
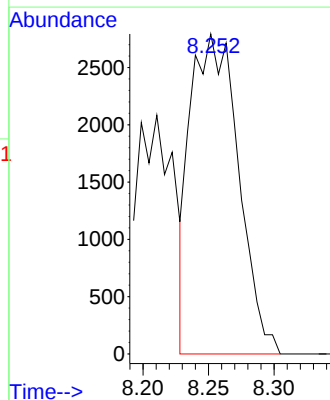
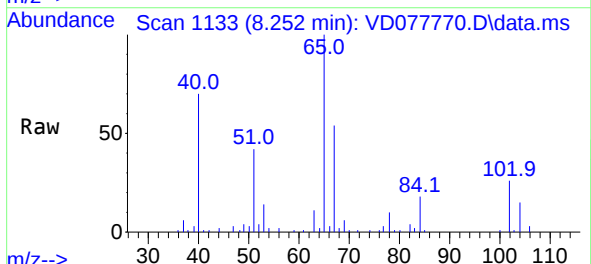
Instrument :
MSVOA_D
ClientSampleId :

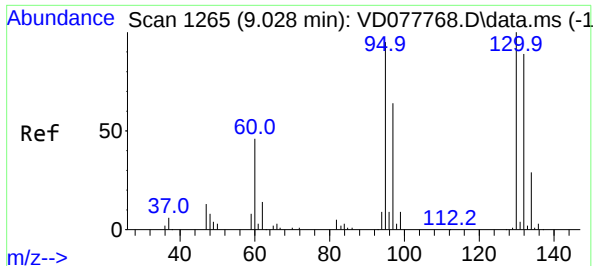
Tgt Ion: 43 Resp: 7984
Ion Ratio Lower Upper
43 100
58 20.1 0.0 67.2



#33
Benzene
Concen: 0.320 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD077770.D
Acq: 07 Dec 2023 10:35

Tgt Ion: 78 Resp: 7068



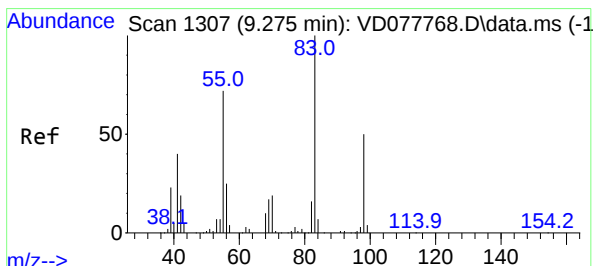
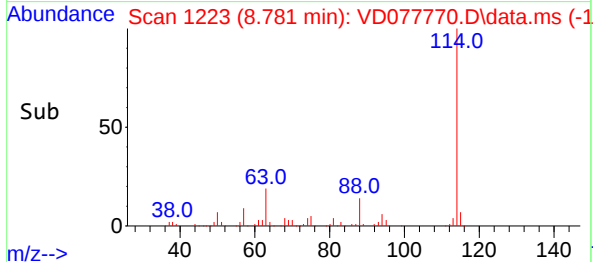
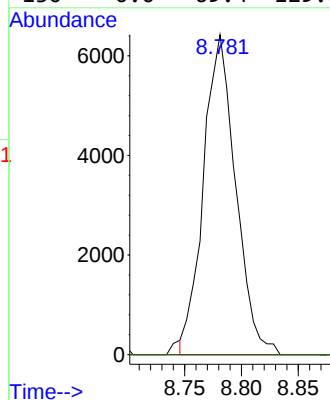
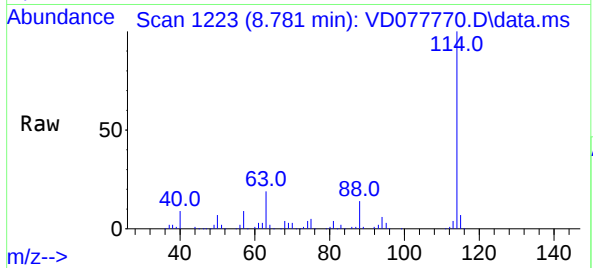


#34
Trichloroethene
Concen: 2.313 ug/L
RT: 8.781 min Scan# 11
Delta R.T. -0.253 min
Lab File: VD077770.D
Acq: 07 Dec 2023 10:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 12664

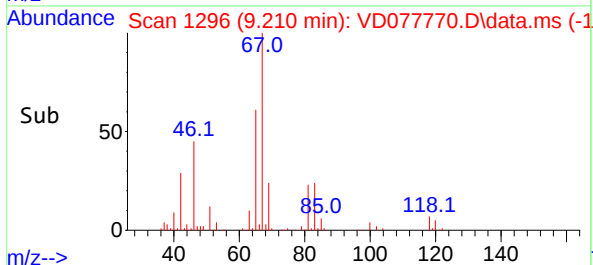
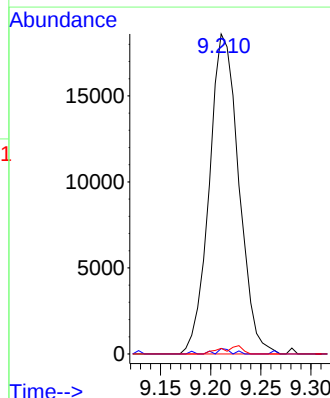
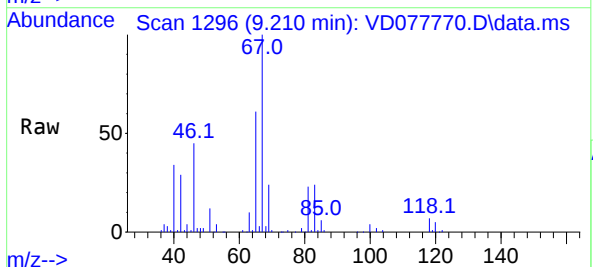
Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.2	82.0#
132	0.0	67.5	125.3#
130	0.0	69.4	129.0#

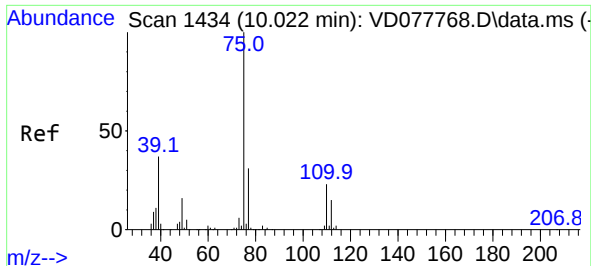


#35
Methylcyclohexane
Concen: 3.928 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD077770.D
Acq: 07 Dec 2023 10:35

Tgt Ion: 83 Resp: 38177

Ion	Ratio	Lower	Upper
83	100		
55	0.5	59.8	89.6#
98	0.8	38.5	57.7#

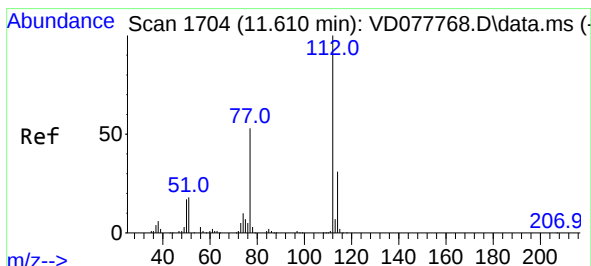
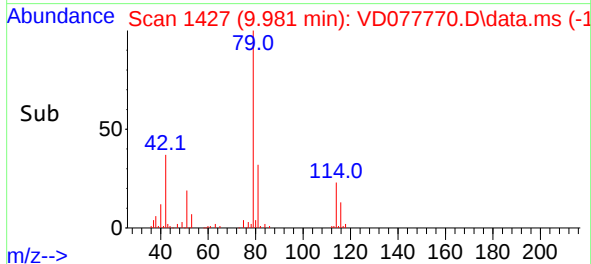
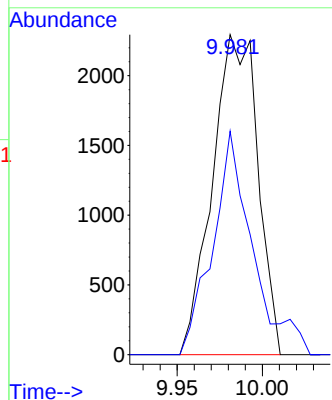
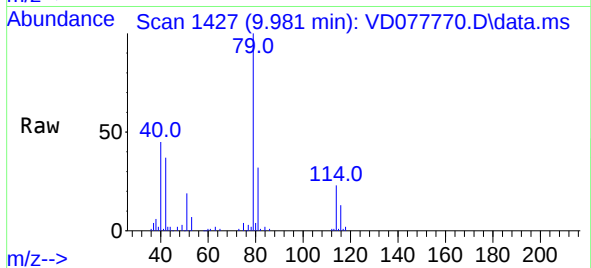




#39
cis-1,3-Dichloropropene
Concen: 0.474 ug/L
RT: 9.981 min Scan# 1434
Delta R.T. -0.041 min
Lab File: VD077770.D
Acq: 07 Dec 2023 10:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 4253
Ion Ratio Lower Upper
75 100
77 69.8 21.2 39.4#



#51
Chlorobenzene
Concen: 2.964 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077770.D
Acq: 07 Dec 2023 10:35

Tgt Ion: 112 Resp: 43051
Ion Ratio Lower Upper
112 100
114 29.8 22.5 41.9
77 58.9 46.4 69.6

