

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
 Data File : VD077672.D
 Acq On : 22 Nov 2023 15:55
 Operator : JC/SY
 Sample : 05459-20
 Misc : 4.02G/10ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 23 00:32:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 22 01:40:25 2023
 Response via : Initial Calibration

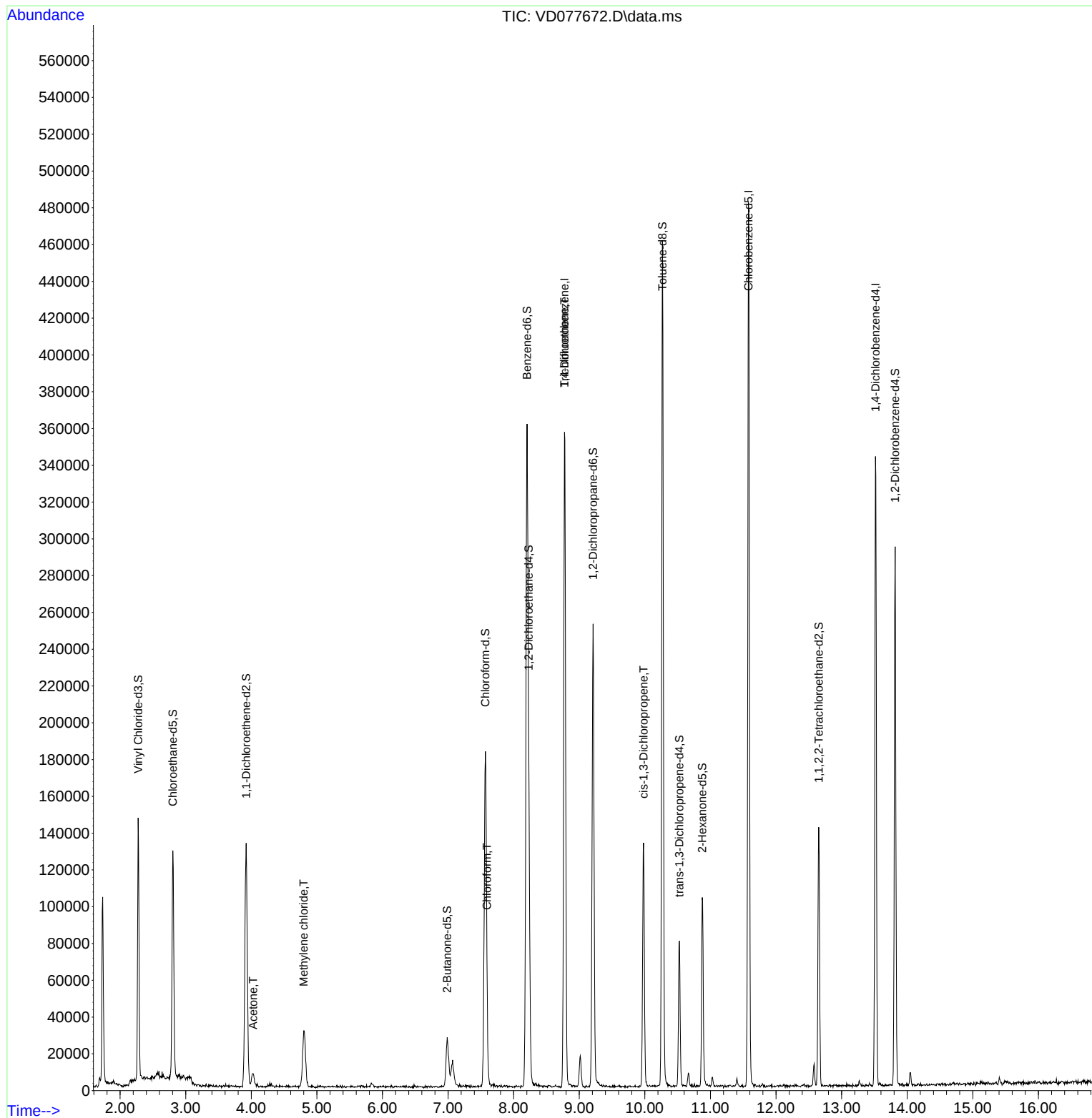
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	301247	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	262132	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	89076	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	130228	16.994	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.960%
7) Chloroethane-d5	2.805	69	127468	21.174	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.680%
11) 1,1-Dichloroethene-d2	3.922	65	40186	16.959	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.840%
21) 2-Butanone-d5	6.987	46	48292	36.398	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.800%
24) Chloroform-d	7.569	84	187763	21.576	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.320%
26) 1,2-Dichloroethane-d4	8.228	65	99512	21.498	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.000%
32) Benzene-d6	8.204	84	357919	21.038	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.160%
36) 1,2-Dichloropropane-d6	9.210	67	124132	22.400	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.600%
41) Toluene-d8	10.269	98	305806	19.892	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.560%
43) trans-1,3-Dichloroprop...	10.528	79	44145	18.475	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.920%
47) 2-Hexanone-d5	10.875	63	36891	37.213	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.420%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	74295	20.235	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.920%
66) 1,2-Dichlorobenzene-d4	13.816	152	74100	23.384	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.520%
Target Compounds						
					Qvalue	
13) Acetone	4.028	43	12555	9.002	ug/L	97
16) Methylene chloride	4.799	84	20538	4.038	ug/L	95
25) Chloroform	7.593	83	6845	0.824	ug/L	82
34) Trichloroethene	8.775	95	9039	2.007	ug/L #	10
39) cis-1,3-Dichloropropene	9.981	75	4008	0.516	ug/L	83

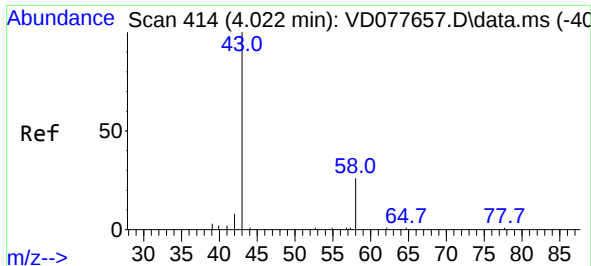
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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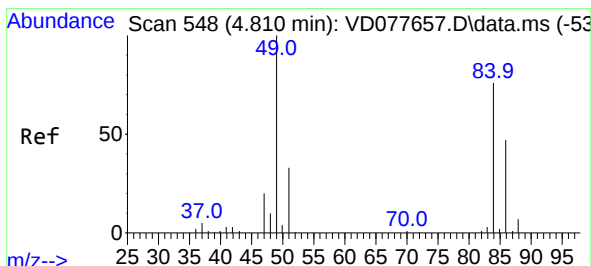
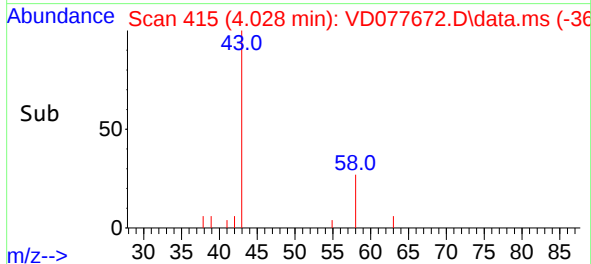
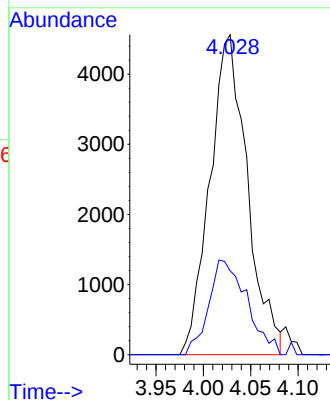
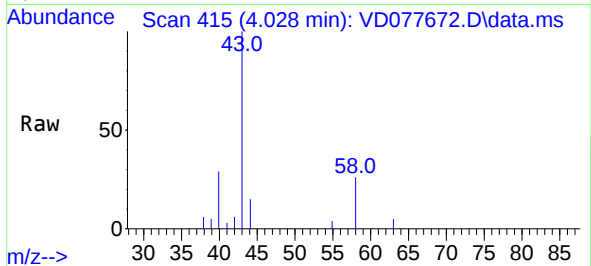




#13
Acetone
Concen: 9.002 ug/L
RT: 4.028 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD077672.D
Acq: 22 Nov 2023 15:55

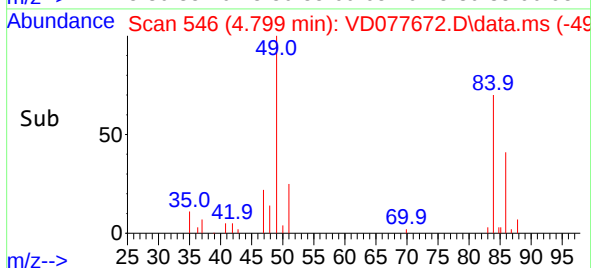
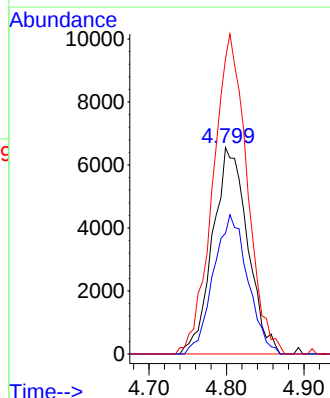
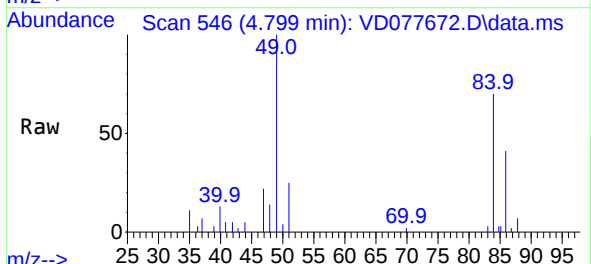
Instrument :
MSVOA_D
ClientSampleId :

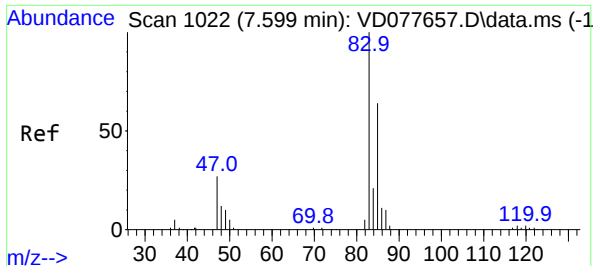
Tgt Ion: 43 Resp: 12555
Ion Ratio Lower Upper
43 100
58 30.1 0.0 64.0



#16
Methylene chloride
Concen: 4.038 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.012 min
Lab File: VD077672.D
Acq: 22 Nov 2023 15:55

Tgt Ion: 84 Resp: 20538
Ion Ratio Lower Upper
84 100
86 58.4 46.5 86.5
49 143.0 98.3 182.7





#25

Chloroform

Concen: 0.824 ug/L

RT: 7.593 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD077672.D

Acq: 22 Nov 2023 15:55

Instrument :

MSVOA_D

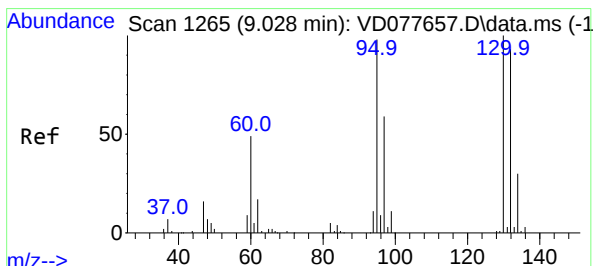
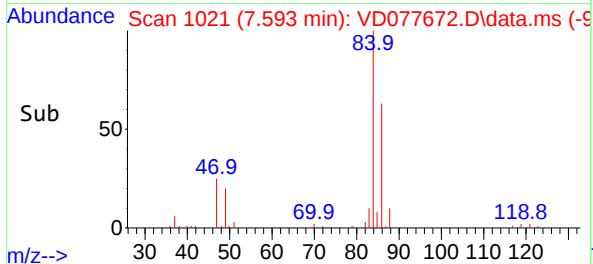
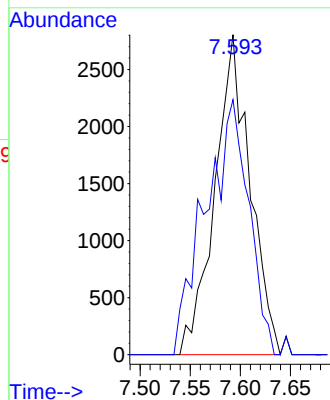
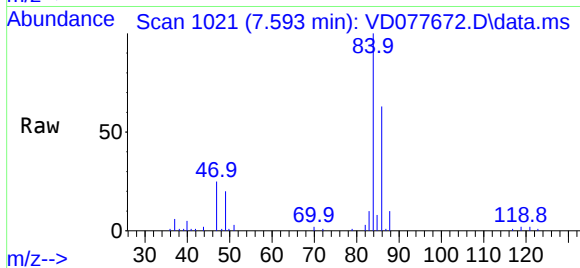
ClientSampleId :

Tgt Ion: 83 Resp: 6845

Ion Ratio Lower Upper

83 100

85 79.7 45.9 85.3



#34

Trichloroethene

Concen: 2.007 ug/L

RT: 8.775 min Scan# 1222

Delta R.T. -0.259 min

Lab File: VD077672.D

Acq: 22 Nov 2023 15:55

Tgt Ion: 95 Resp: 9039

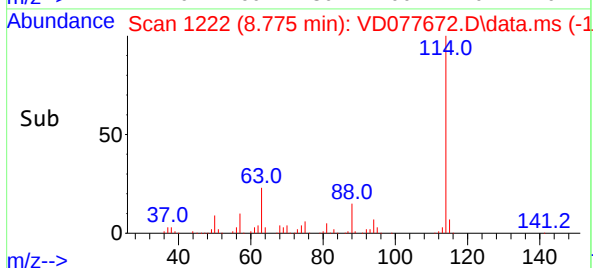
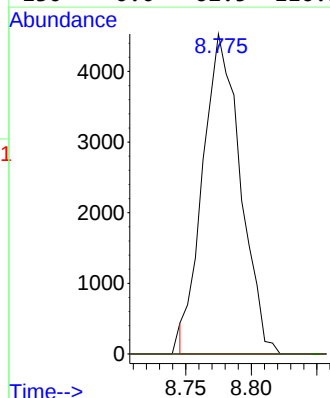
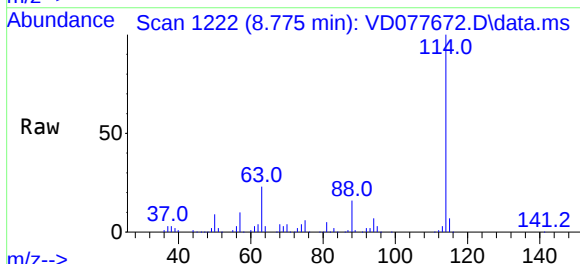
Ion Ratio Lower Upper

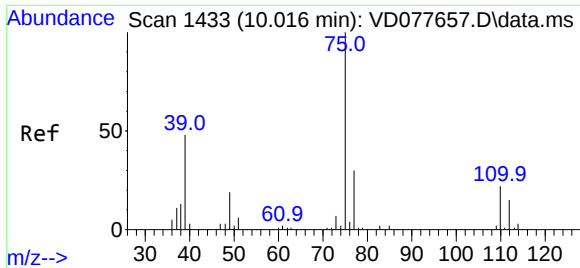
95 100

97 0.0 42.4 78.6#

132 0.0 59.4 110.2#

130 0.0 62.5 116.1#





#39
 cis-1,3-Dichloropropene
 Concen: 0.516 ug/L
 RT: 9.981 min Scan# 14
 Delta R.T. -0.041 min
 Lab File: VD077672.D
 Acq: 22 Nov 2023 15:55

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 75	Resp: 4008
Ion Ratio	Lower Upper
75	100
77	41.5 22.5 41.9

