

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
 Data File : VD077193.D
 Acq On : 22 Sep 2023 10:35
 Operator : JC/SY
 Sample : 04469-01
 Misc : 5.15G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 22 23:42:07 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)

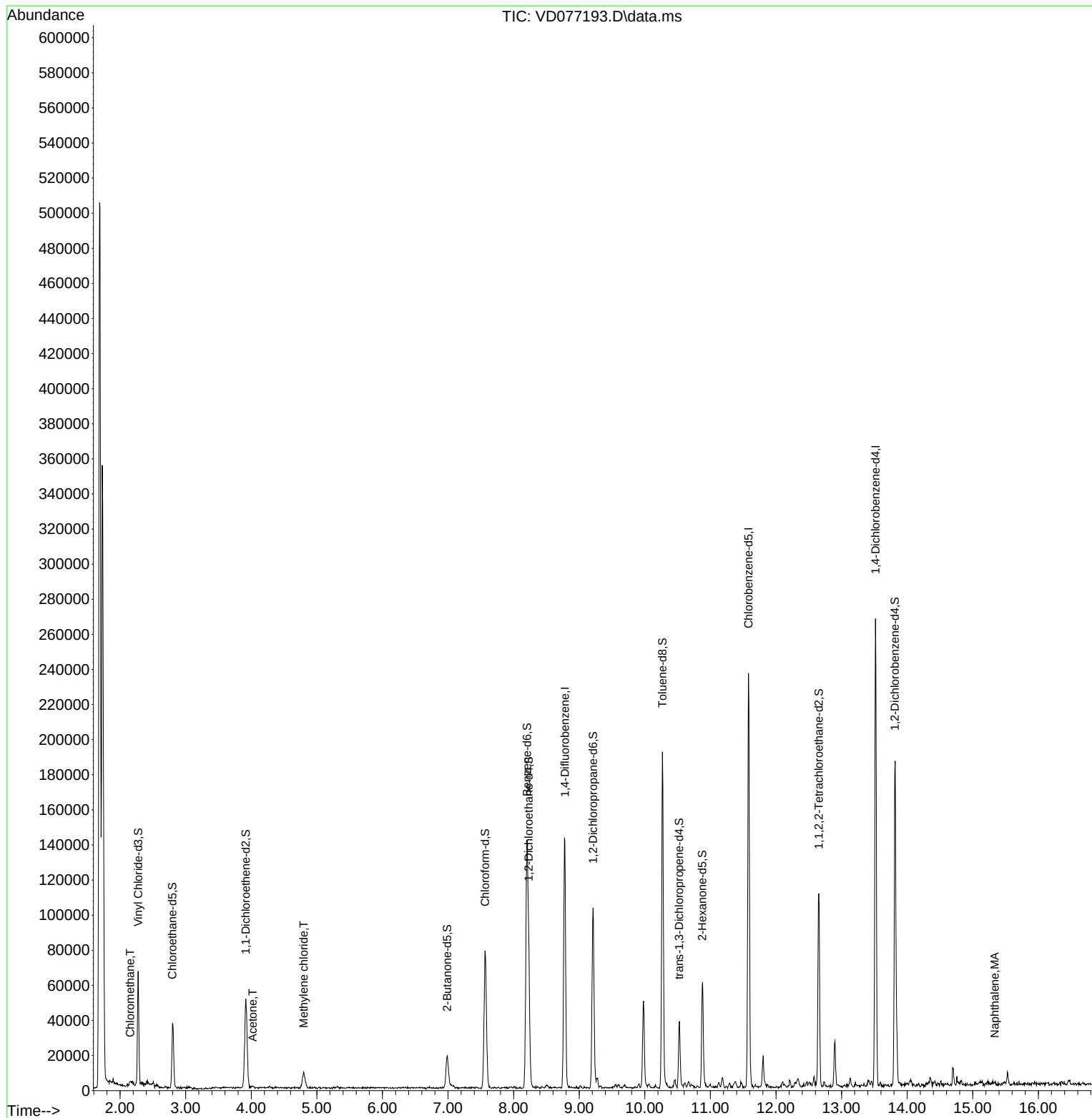
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	134580	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	144974	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	73327	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	55851	16.842	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.360%
7) Chloroethane-d5	2.799	69	39136	14.351	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.400%
11) 1,1-Dichloroethene-d2	3.917	65	14882	19.756	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.040%
21) 2-Butanone-d5	6.987	46	30691	73.466	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.940%#
24) Chloroform-d	7.564	84	84680	22.995	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	8.228	65	48470	27.770	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.080%
32) Benzene-d6	8.205	84	152500	19.046	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.200%
36) 1,2-Dichloropropane-d6	9.210	67	53324	23.222	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.880%
41) Toluene-d8	10.269	98	127593	17.408	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.640%
43) trans-1,3-Dichloroprop...	10.522	79	22749	21.743	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.960%
47) 2-Hexanone-d5	10.875	63	20504	55.908	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.820%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	60248	29.431	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.720%
66) 1,2-Dichlorobenzene-d4	13.810	152	52510	22.311	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.240%
Target Compounds						Qvalue
3) Chloromethane	2.152	50	794	0.271	ug/L	90
13) Acetone	4.023	43	1158	1.932	ug/L	97
16) Methylene chloride	4.799	84	3151	1.150	ug/L #	85
71) Naphthalene	15.334	128	1660	0.327	ug/L #	82

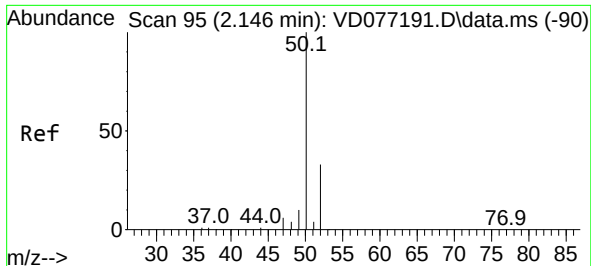
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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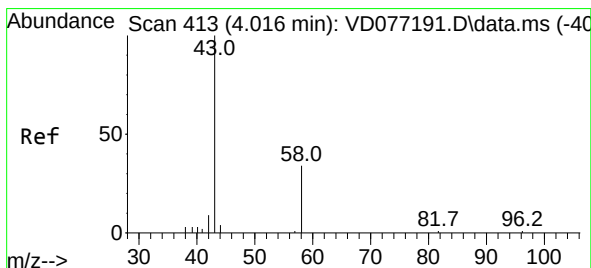
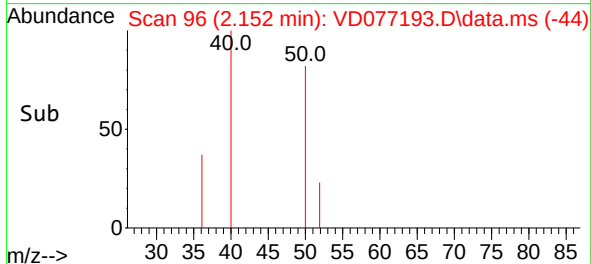
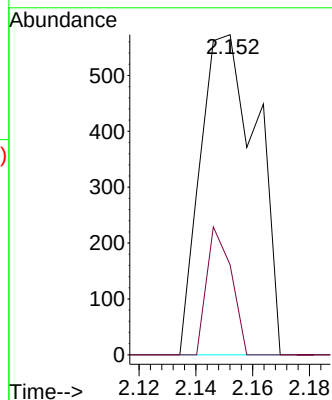
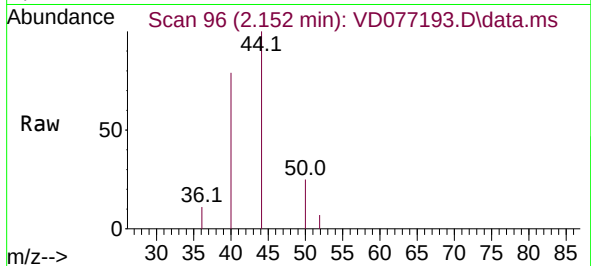




#3
Chloromethane
Concen: 0.271 ug/L
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077193.D
Acq: 22 Sep 2023 10:35

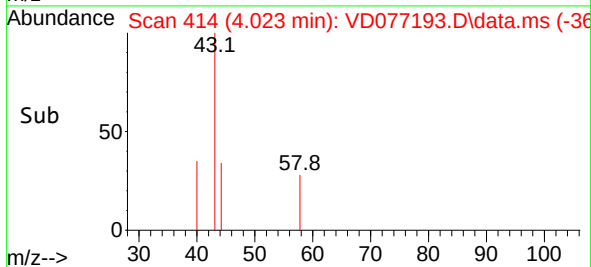
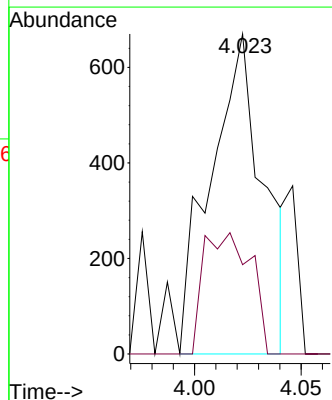
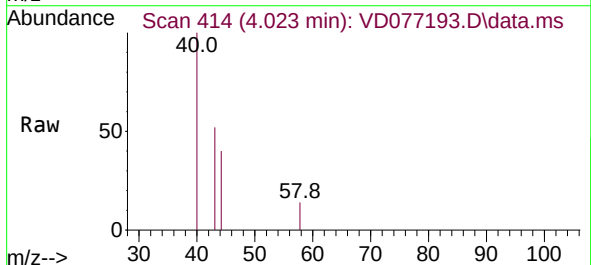
Instrument :
MSVOA_D
ClientSampleId :

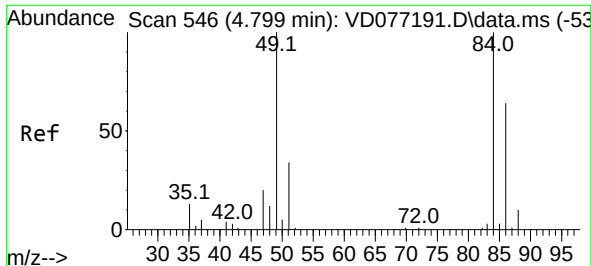
Tgt Ion: 50 Resp: 794
Ion Ratio Lower Upper
50 100
52 28.1 23.5 43.7



#13
Acetone
Concen: 1.932 ug/L
RT: 4.023 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD077193.D
Acq: 22 Sep 2023 10:35

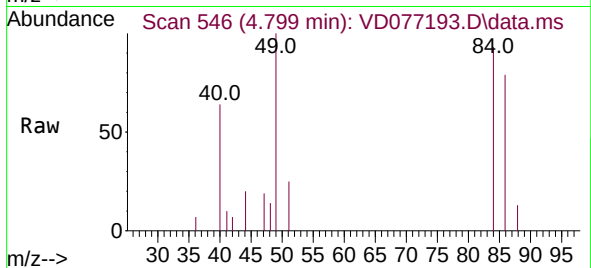
Tgt Ion: 43 Resp: 1158
Ion Ratio Lower Upper
43 100
58 33.9 0.0 71.8



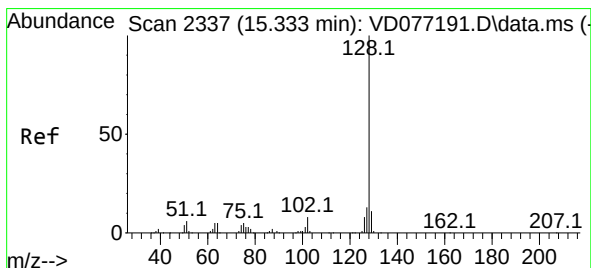
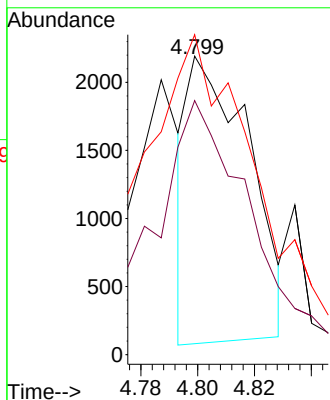
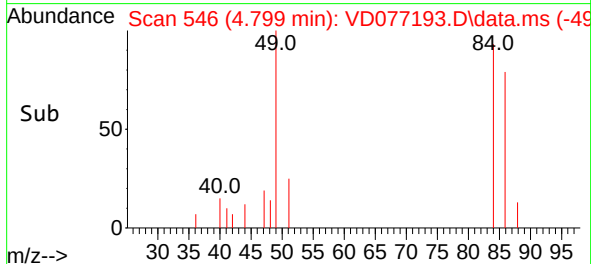


#16
Methylene chloride
Concen: 1.150 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD077193.D
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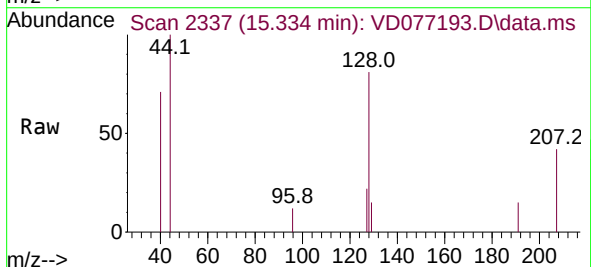
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 3151
Ion Ratio Lower Upper
84 100
86 85.1 45.3 84.1#
49 107.2 69.2 128.6



#71
Naphthalene
Concen: 0.327 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077193.D
Acq: 22 Sep 2023 10:35



Tgt Ion: 128 Resp: 1660
Ion Ratio Lower Upper
128 100
127 16.8 10.6 16.0#
129 0.0 8.6 13.0#

