

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030623\
 Data File : VD075452.D
 Acq On : 06 Mar 2023 11:04
 Operator : KP/SY
 Sample : MDL06
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL06

Quant Time: Mar 06 13:14:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 03 23:23:38 2023
 Response via : Initial Calibration

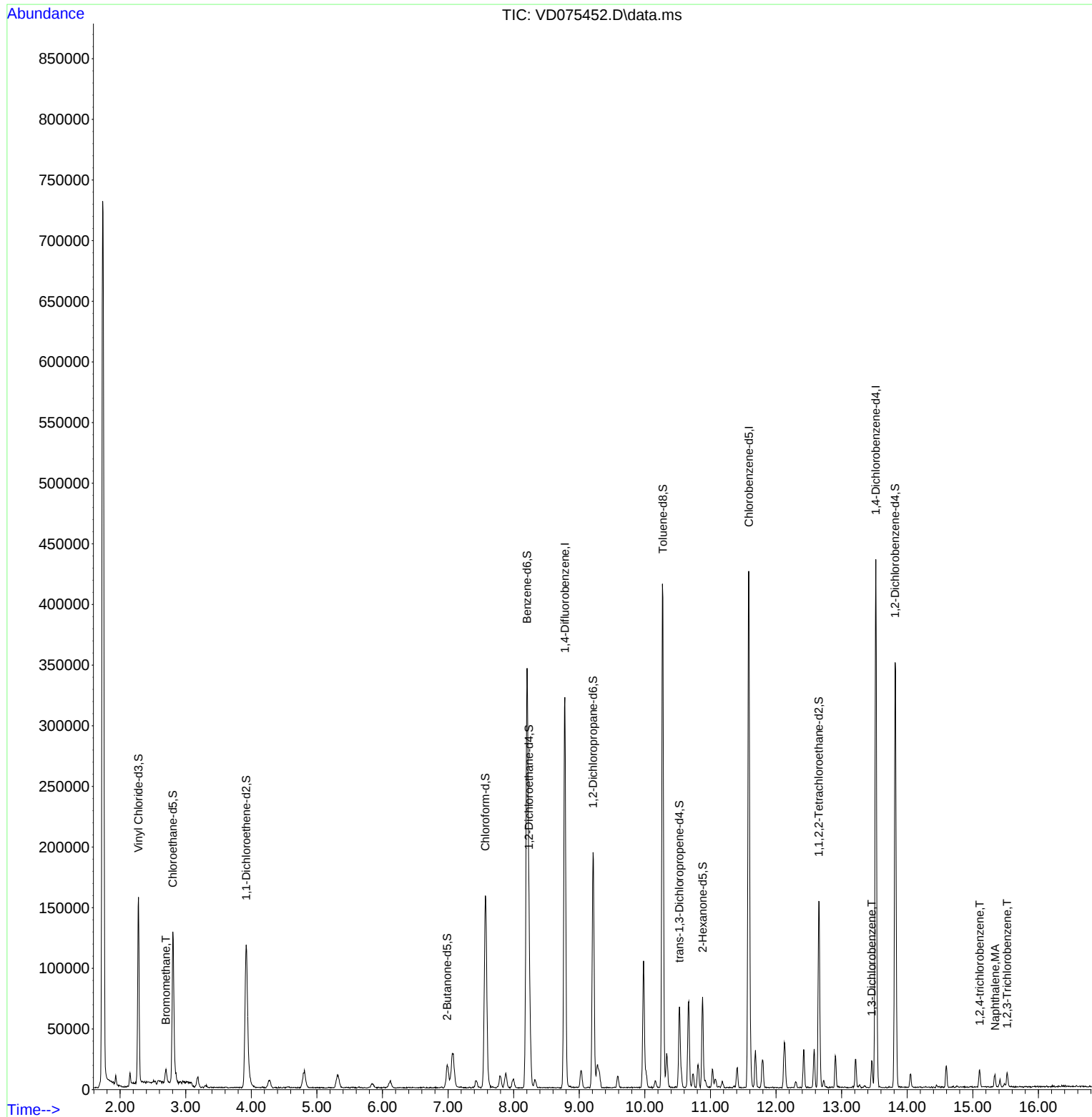
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	314619	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	275135	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	120450	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	138704	17.756	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.040%
7) Chloroethane-d5	2.805	69	135125	19.988	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.960%
11) 1,1-Dichloroethene-d2	3.922	63	102265	14.015	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.080%
21) 2-Butanone-d5	6.987	46	31540	43.568	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.140%
24) Chloroform-d	7.569	84	175879	21.331	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.320%
26) 1,2-Dichloroethane-d4	8.234	65	75358	21.097	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	8.204	84	352025	21.544	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.160%
36) 1,2-Dichloropropane-d6	9.210	67	102400	22.173	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.680%
41) Toluene-d8	10.275	98	308506	20.697	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	10.528	79	40729	21.582	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.320%
47) 2-Hexanone-d5	10.881	63	27572	41.385	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.780%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	83180	21.532	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.120%
66) 1,2-Dichlorobenzene-d4	13.816	152	97699	23.189	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.760%
Target Compounds						
6) Bromomethane	2.699	94	7741	1.596	ug/L	94
64) 1,3-Dichlorobenzene	13.457	146	10149	1.133	ug/L	94
70) 1,2,4-trichlorobenzene	15.104	180	5333	1.180	ug/L	97
71) Naphthalene	15.339	128	9833	1.097	ug/L #	89
72) 1,2,3-Trichlorobenzene	15.522	180	4636	1.164	ug/L #	91

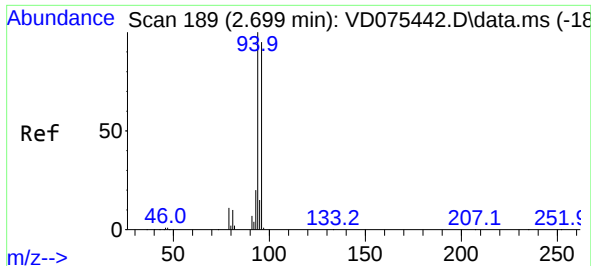
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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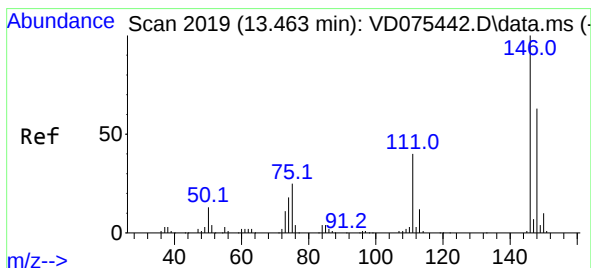
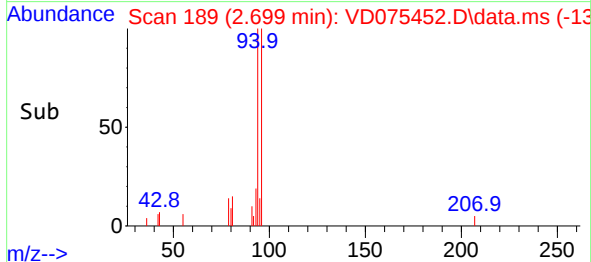
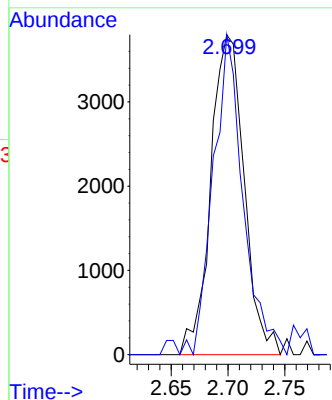
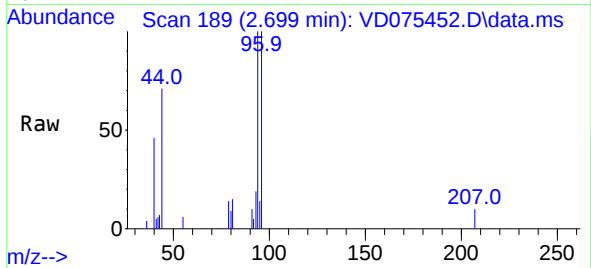




#6
Bromomethane
Concen: 1.596 ug/L
RT: 2.699 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075452.D
Acq: 06 Mar 2023 11:04

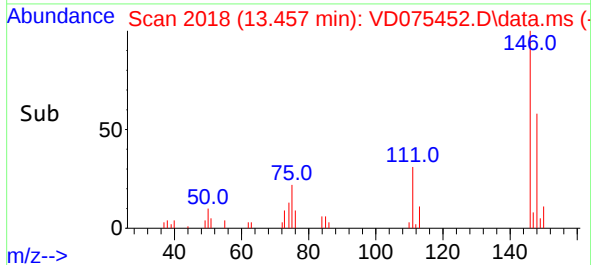
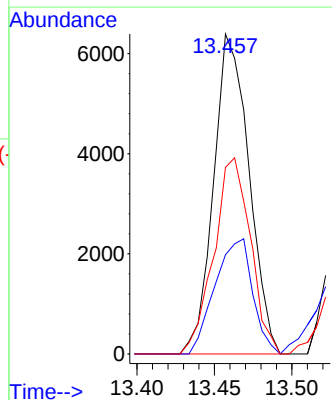
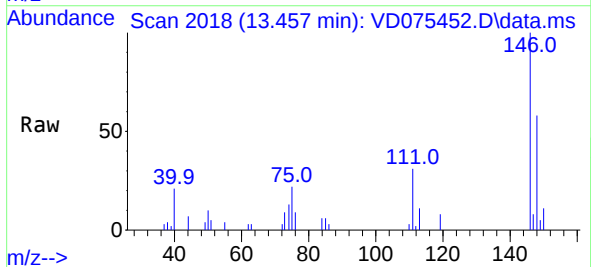
Instrument :
MSVOA_D
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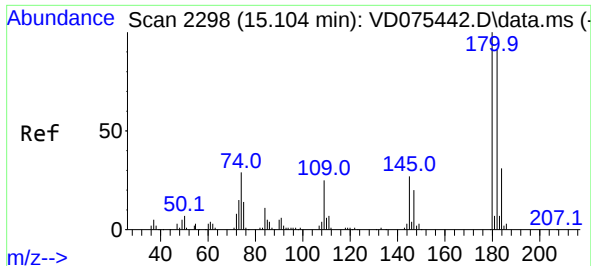
Tgt Ion: 94 Resp: 7741
Ion Ratio Lower Upper
94 100
96 100.1 65.9 122.5



#64
1,3-Dichlorobenzene
Concen: 1.133 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD075452.D
Acq: 06 Mar 2023 11:04

Tgt Ion:146 Resp: 10149
Ion Ratio Lower Upper
146 100
111 31.0 26.0 48.2
148 58.3 42.4 78.6

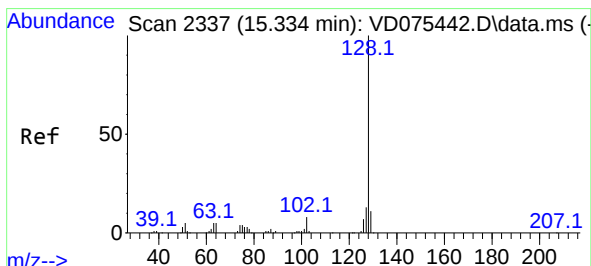
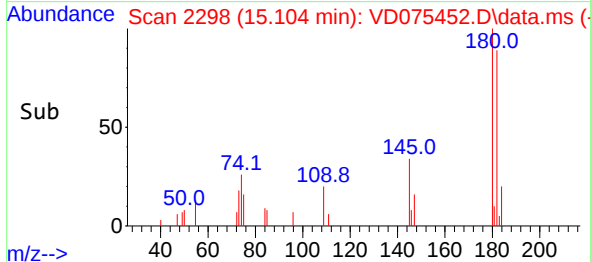
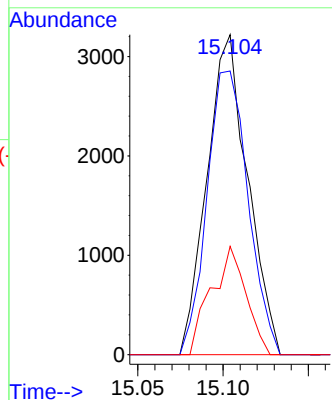
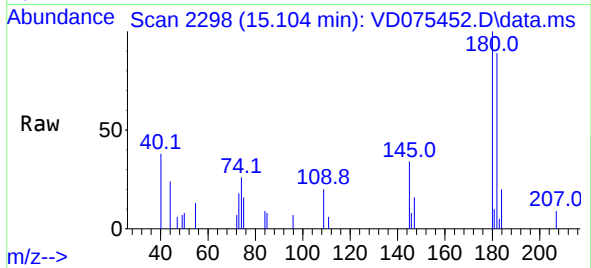




#70
1,2,4-trichlorobenzene
Concen: 1.180 ug/L
RT: 15.104 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075452.D
Acq: 06 Mar 2023 11:04

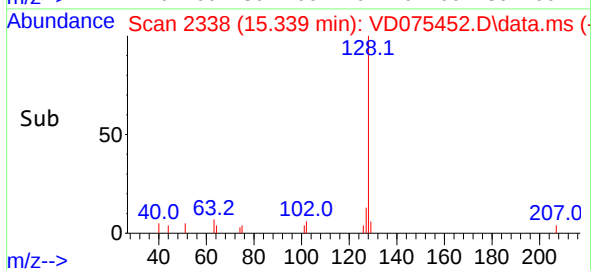
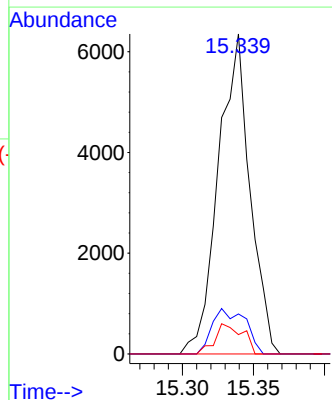
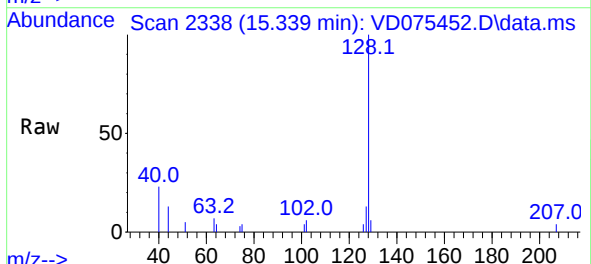
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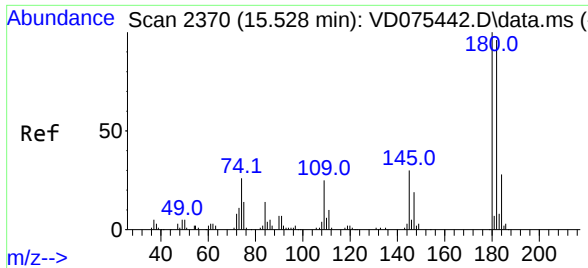
Tgt Ion:180 Resp: 5333
Ion Ratio Lower Upper
180 100
182 89.7 74.3 111.5
145 28.9 23.0 34.6



#71
Naphthalene
Concen: 1.097 ug/L
RT: 15.339 min Scan# 2338
Delta R.T. 0.006 min
Lab File: VD075452.D
Acq: 06 Mar 2023 11:04

Tgt Ion:128 Resp: 9833
Ion Ratio Lower Upper
128 100
127 8.7 10.1 15.1#
129 6.6 8.8 13.2#





#72
1,2,3-Trichlorobenzene
Concen: 1.164 ug/L
RT: 15.522 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075452.D
Acq: 06 Mar 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :
MDL06

Tgt Ion:	180	Resp:	4636
Ion	Ratio	Lower	Upper
180	100		
182	97.3	75.3	112.9
145	17.1	25.1	37.7#

