

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050823\
 Data File : VD076031.D
 Acq On : 08 May 2023 10:55
 Operator : KP/SY
 Sample : VD0508SBL01
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 09 02:36:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 06 00:21:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

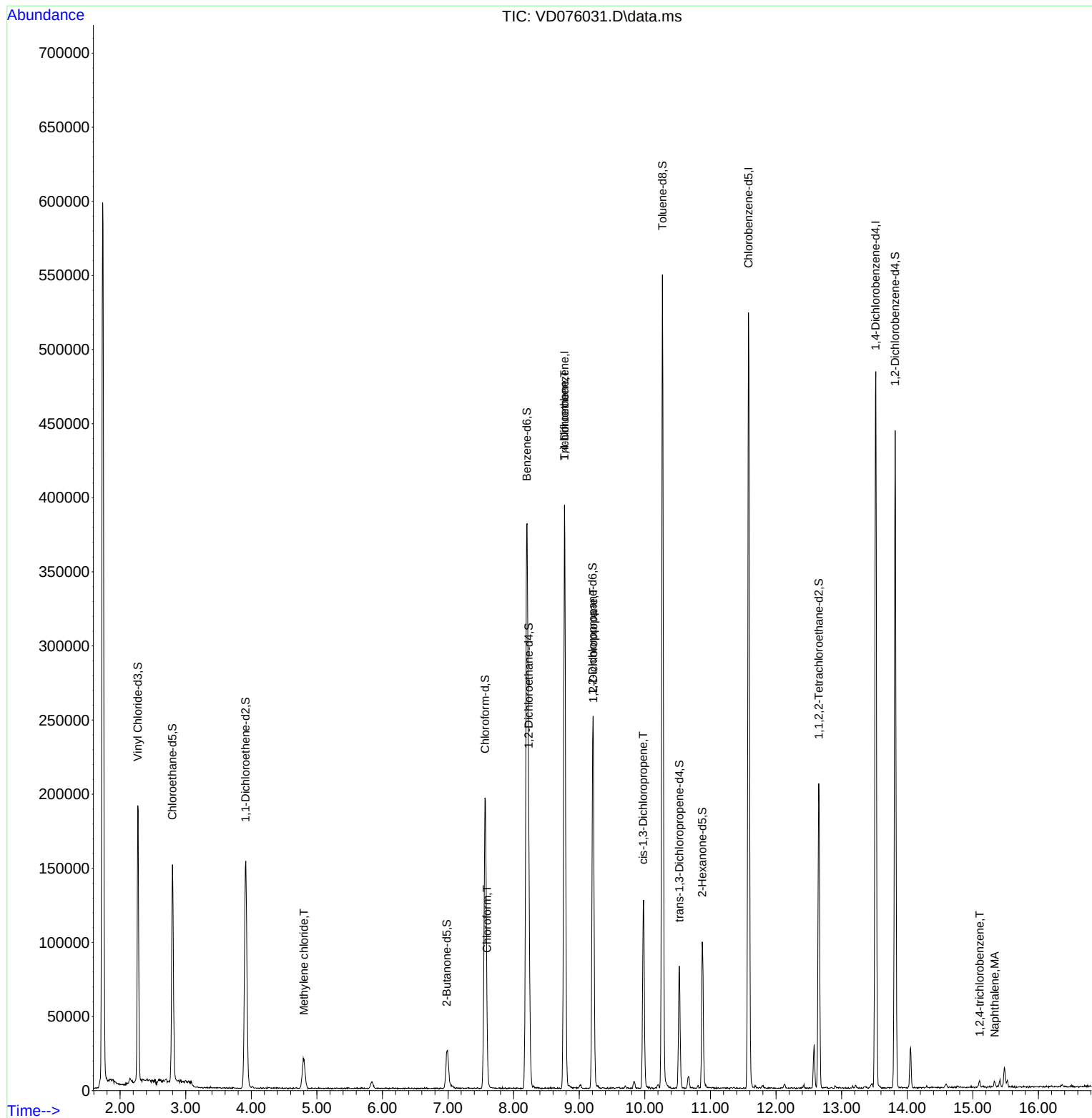
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	377102	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	334148	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	148088	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	180795	21.855	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.400%
7) Chloroethane-d5	2.799	69	160455	22.448	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	3.910	65	43543	22.830	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.320%
21) 2-Butanone-d5	6.981	46	45882	63.888	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.780%
24) Chloroform-d	7.563	84	210333	22.305	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	8.228	65	98428	24.442	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.760%
32) Benzene-d6	8.198	84	445383	22.869	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.480%
36) 1,2-Dichloropropane-d6	9.204	67	136021	25.233	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.920%
41) Toluene-d8	10.269	98	395012	21.665	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.640%
43) trans-1,3-Dichloroprop...	10.528	79	49146	22.057	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.240%
47) 2-Hexanone-d5	10.875	63	36764	56.641	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.280%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	111862	27.118	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.480%
66) 1,2-Dichlorobenzene-d4	13.816	152	131646	25.133	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.520%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.805	84	17587	2.299	ug/L	85
25) Chloroform	7.593	83	5204	0.570	ug/L	99
34) Trichloroethene	8.775	95	9136	1.748	ug/L #	2
37) 1,2-Dichloropropane	9.216	63	14085	3.034	ug/L #	85
39) cis-1,3-Dichloropropene	9.975	75	3374	0.457	ug/L	95
70) 1,2,4-trichlorobenzene	15.104	180	2264	0.434	ug/L #	88
71) Naphthalene	15.333	128	4166	0.436	ug/L	97

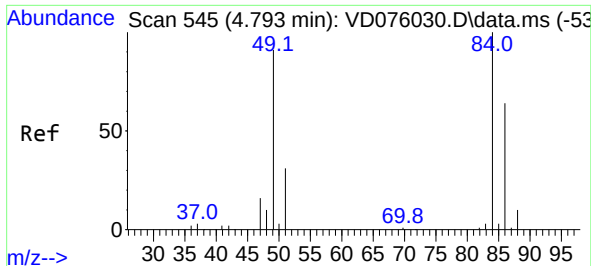
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat May 06 00:21:26 2023
Response via : Initial Calibration

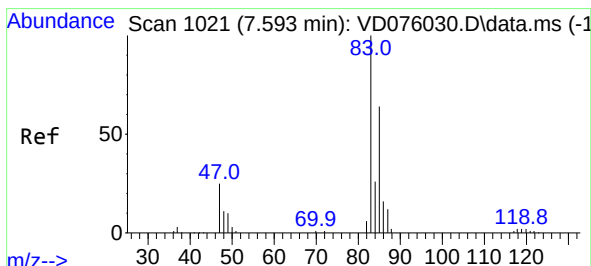
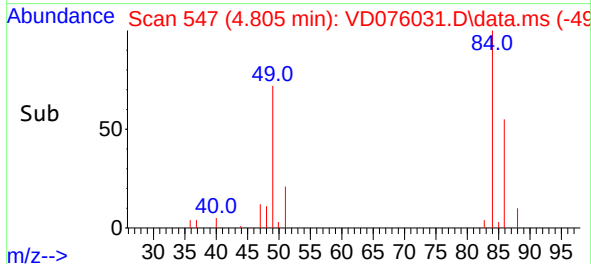
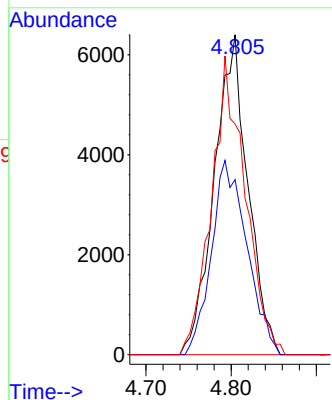
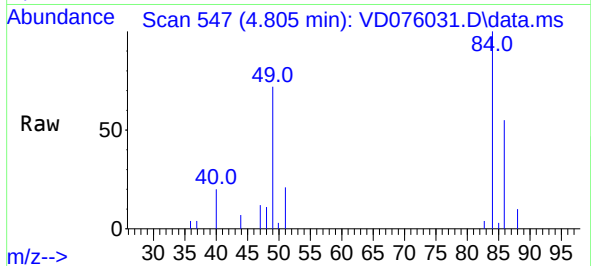




#16
Methylene chloride
Concen: 2.299 ug/L
RT: 4.805 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD076031.D
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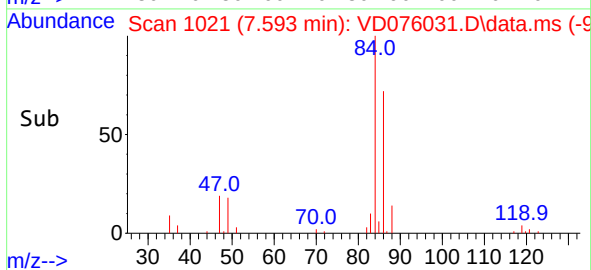
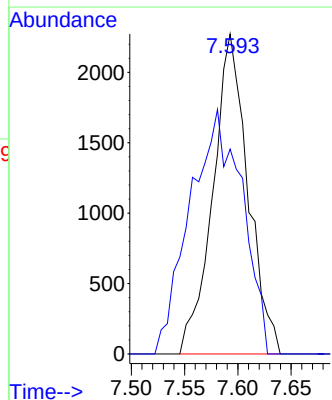
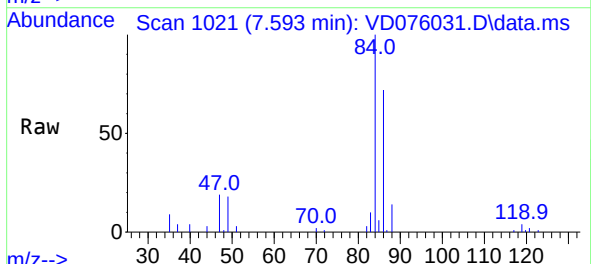
Instrument :
MSVOA_D
ClientSampleId :

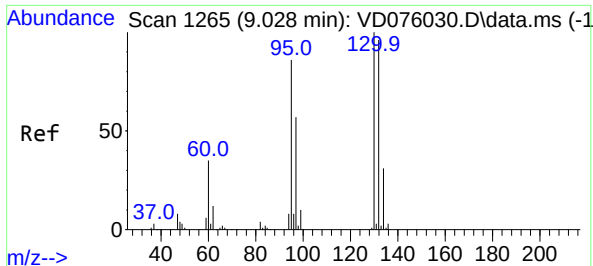
Tgt Ion: 84 Resp: 17587
Ion Ratio Lower Upper
84 100
86 54.7 45.8 85.2
49 72.1 60.8 112.8



#25
Chloroform
Concen: 0.570 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD076031.D
Acq: 08 May 2023 10:55

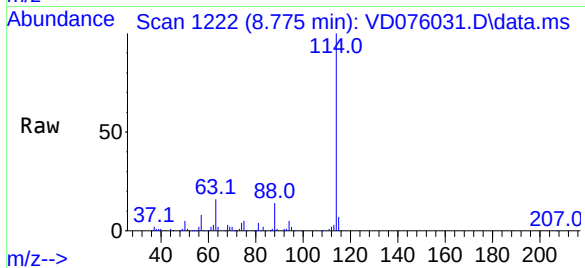
Tgt Ion: 83 Resp: 5204
Ion Ratio Lower Upper
83 100
85 64.0 44.4 82.5



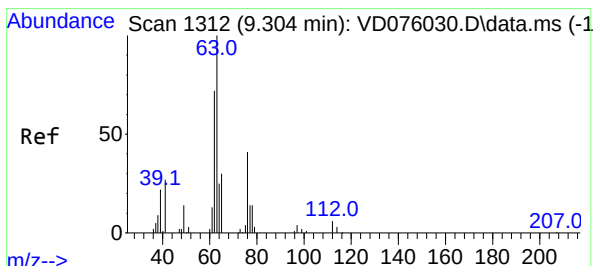
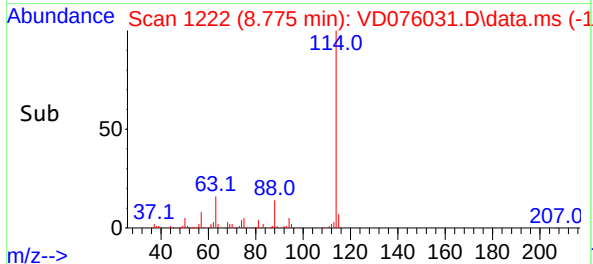
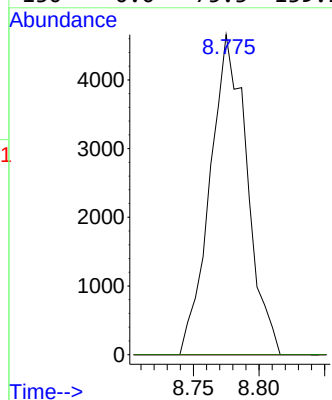


#34
Trichloroethene
Concen: 1.748 ug/L
RT: 8.775 min Scan# 11
Delta R.T. -0.253 min
Lab File: VD076031.D
Acq: 08 May 2023 10:55

Instrument :
MSVOA_D
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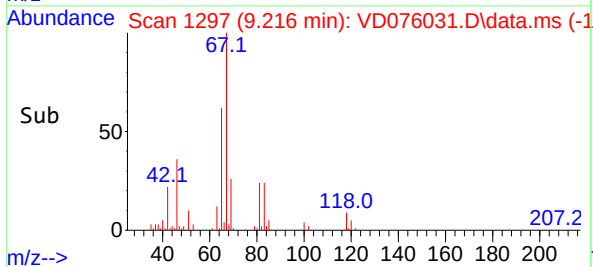
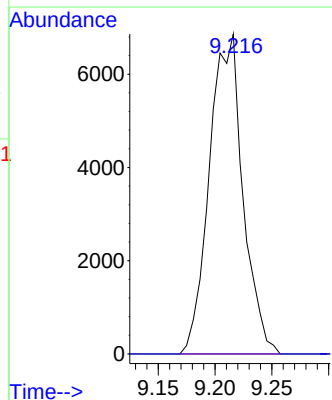
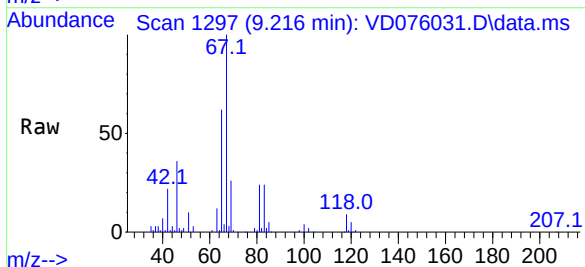


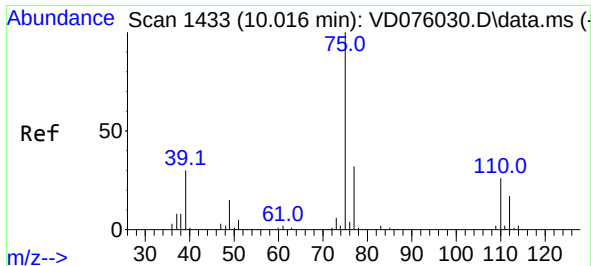
Tgt Ion:	95	Resp:	9136
Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.0	85.4#
132	0.0	73.3	136.1#
130	0.0	75.3	139.9#



#37
1,2-Dichloropropane
Concen: 3.034 ug/L
RT: 9.216 min Scan# 1297
Delta R.T. -0.088 min
Lab File: VD076031.D
Acq: 08 May 2023 10:55

Tgt Ion:	63	Resp:	14085
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.0	6.0#

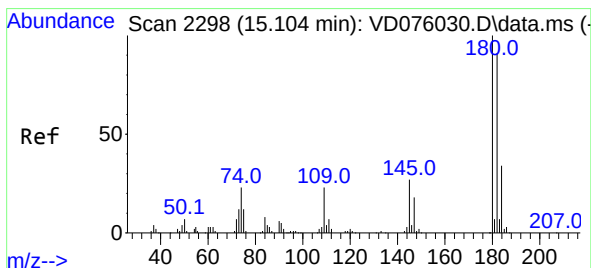
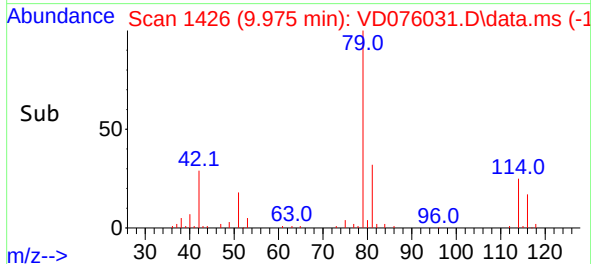
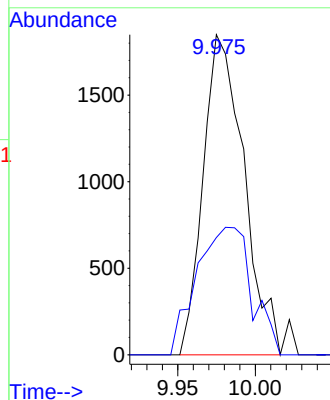
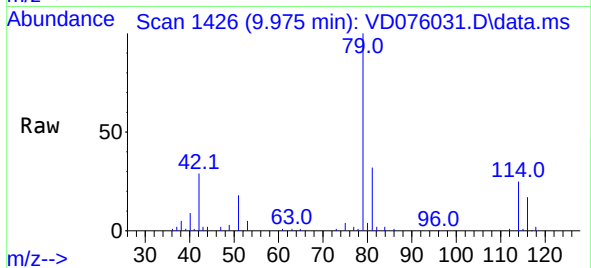




#39
cis-1,3-Dichloropropene
Concen: 0.457 ug/L
RT: 9.975 min Scan# 1433
Delta R.T. -0.041 min
Lab File: VD076031.D
Acq: 08 May 2023 10:55

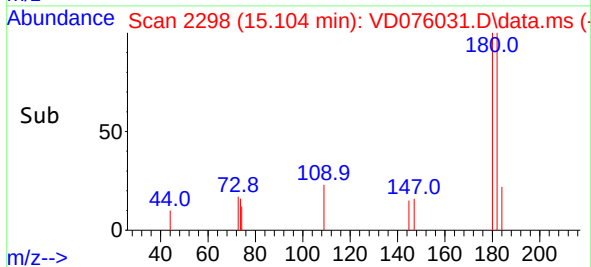
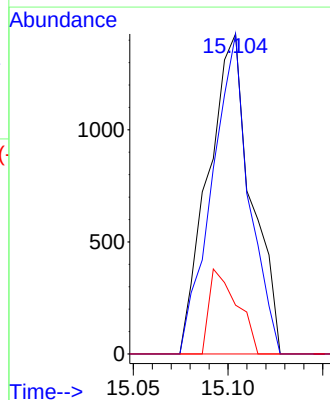
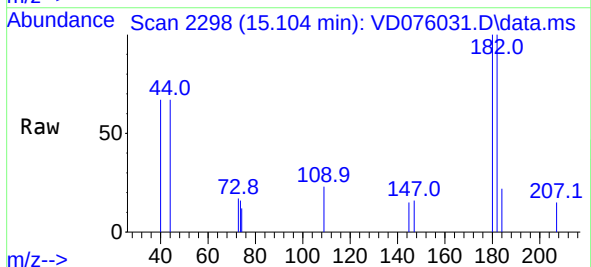
Instrument :
MSVOA_D
ClientSampleId :

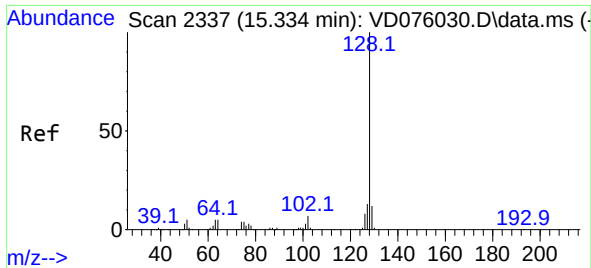
Tgt Ion: 75 Resp: 3374
Ion Ratio Lower Upper
75 100
77 36.6 23.4 43.6



#70
1,2,4-trichlorobenzene
Concen: 0.434 ug/L
RT: 15.104 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VD076031.D
Acq: 08 May 2023 10:55

Tgt Ion:180 Resp: 2264
Ion Ratio Lower Upper
180 100
182 86.0 75.4 113.2
145 17.2 23.6 35.4#





#71

Naphthalene

Concen: 0.436 ug/L

RT: 15.333 min Scan# 21

Delta R.T. 0.000 min

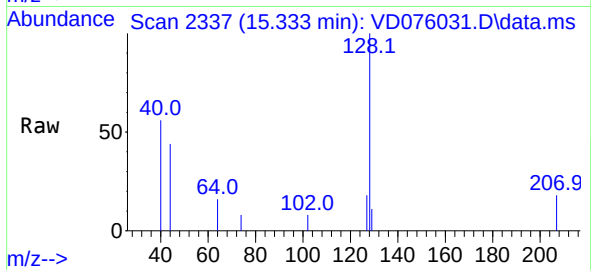
Lab File: VD076031.D

Acq: 08 May 2023 10:55

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:128 Resp: 4166

Ion Ratio Lower Upper

128 100

127 11.8 10.5 15.7

129 10.7 9.1 13.7

