

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051123\
 Data File : VD076076.D
 Acq On : 11 May 2023 13:02
 Operator : KP/SY
 Sample : VIBLK112
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK112

Quant Time: May 12 02:55:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 12 02:22:21 2023
 Response via : Initial Calibration

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

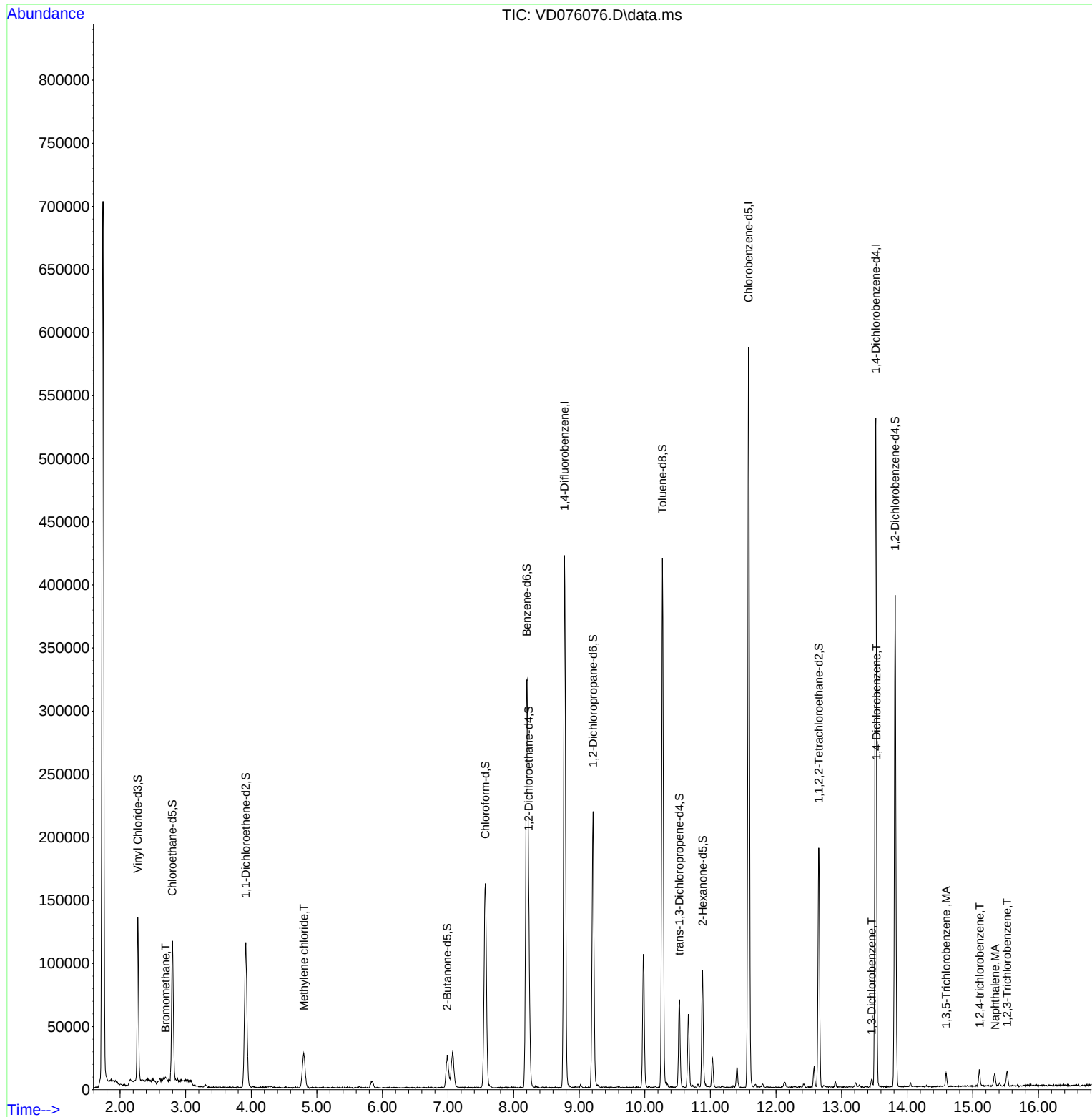
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	405800	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	373841	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	159681	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	124114	19.994	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.960%
7) Chloroethane-d5	2.799	69	121002	21.231	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.920%
11) 1,1-Dichloroethene-d2	3.917	65	31666	20.263	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.040%
21) 2-Butanone-d5	6.987	46	42409	50.739	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.480%
24) Chloroform-d	7.569	84	179833	21.153	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	8.228	65	84638	22.648	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	8.199	84	356177	21.133	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.520%
36) 1,2-Dichloropropane-d6	9.210	67	112328	21.629	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.520%
41) Toluene-d8	10.269	98	308099	20.513	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.040%
43) trans-1,3-Dichloroprop...	10.528	79	41920	21.503	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.000%
47) 2-Hexanone-d5	10.881	63	33580	44.154	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.300%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	100484	22.468	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.880%
66) 1,2-Dichlorobenzene-d4	13.816	152	110569	24.239	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.960%
Target Compounds						Qvalue
6) Bromomethane	2.693	94	2489	0.436	ug/L	96
16) Methylene chloride	4.805	84	23918	3.625	ug/L	92
64) 1,3-Dichlorobenzene	13.457	146	3525	0.374	ug/L #	78
65) 1,4-Dichlorobenzene	13.534	146	4866	0.497	ug/L	88
69) 1,3,5-Trichlorobenzene	14.592	180	4263	0.713	ug/L	93
70) 1,2,4-trichlorobenzene	15.104	180	5707	1.206	ug/L	88
71) Naphthalene	15.339	128	11558	1.299	ug/L #	88
72) 1,2,3-Trichlorobenzene	15.522	180	5010	1.164	ug/L #	93

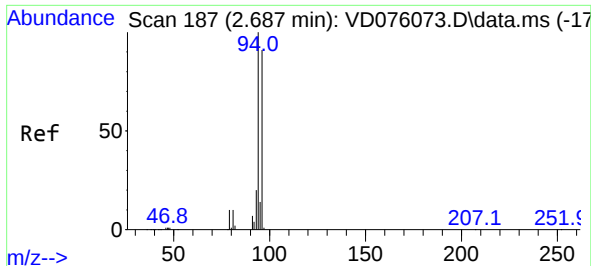
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri May 12 02:22:21 2023
Response via : Initial Calibration

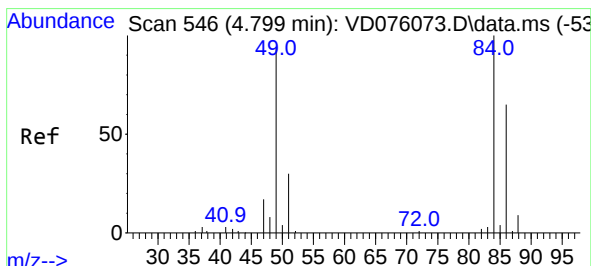
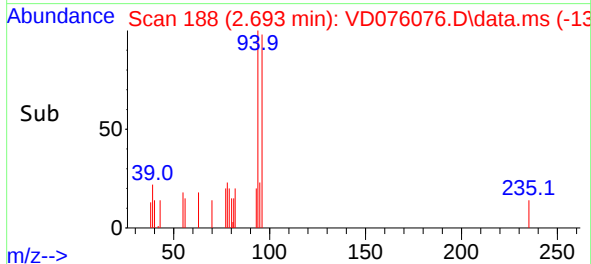
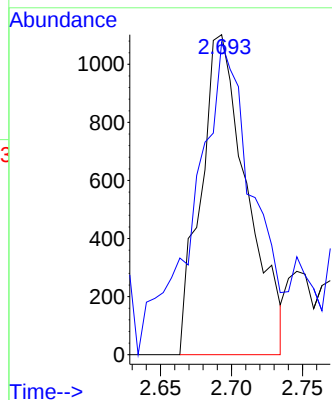
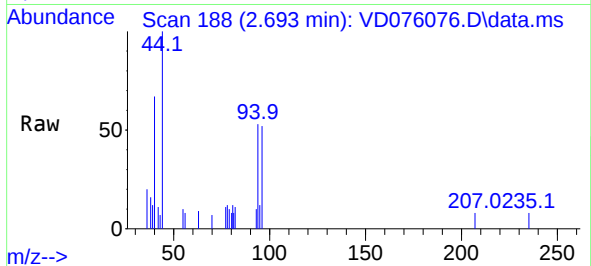




#6
Bromomethane
Concen: 0.436 ug/L
RT: 2.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076076.D
Acq: 11 May 2023 13:02

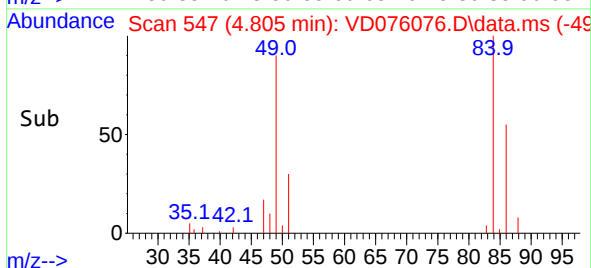
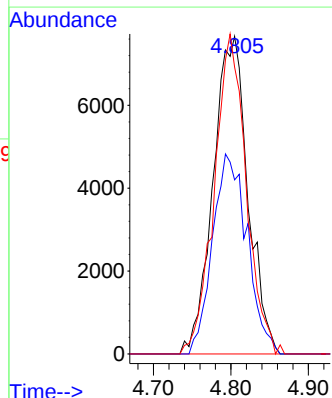
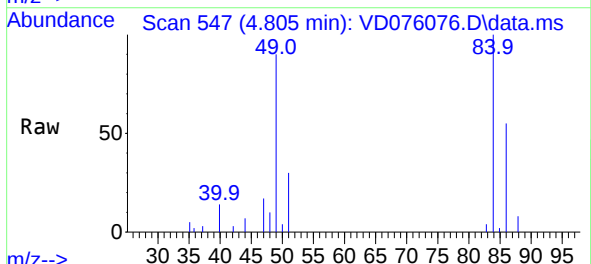
Instrument :
MSVOA_D
ClientSampleId :
VIBLK112

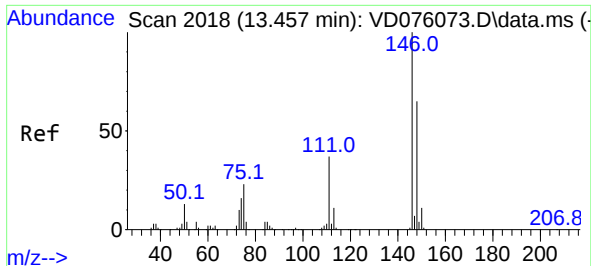
Tgt Ion: 94 Resp: 2489
Ion Ratio Lower Upper
94 100
96 97.6 65.7 121.9



#16
Methylene chloride
Concen: 3.625 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD076076.D
Acq: 11 May 2023 13:02

Tgt Ion: 84 Resp: 23918
Ion Ratio Lower Upper
84 100
86 54.8 45.8 85.2
49 90.3 60.8 112.8

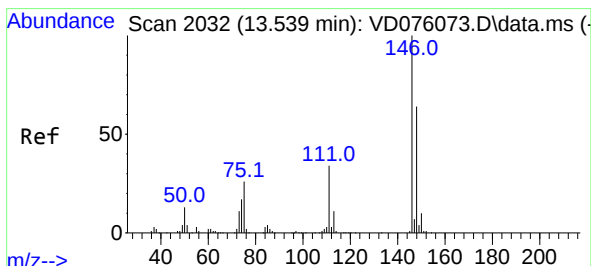
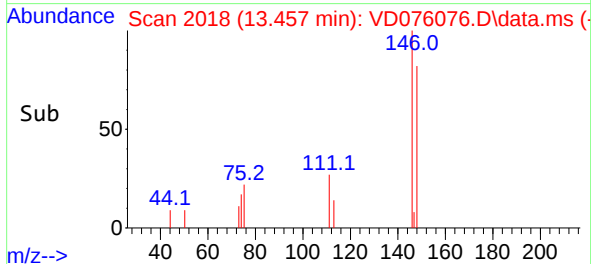
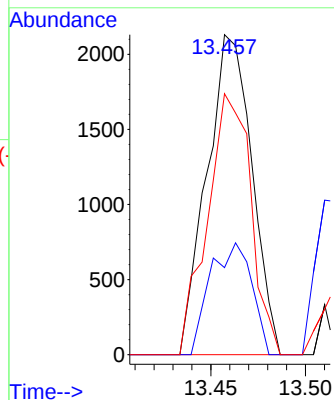
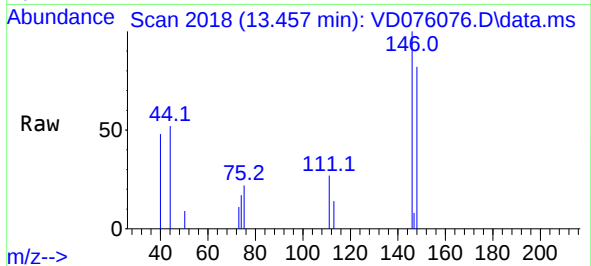




#64
1,3-Dichlorobenzene
Concen: 0.374 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076076.D
Acq: 11 May 2023 13:02

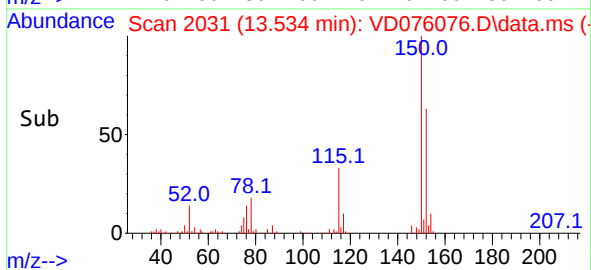
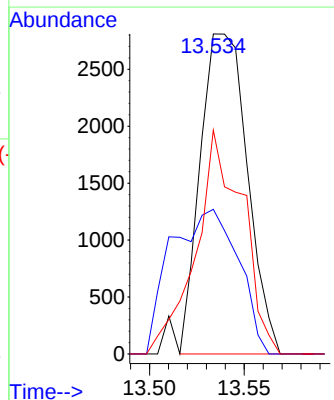
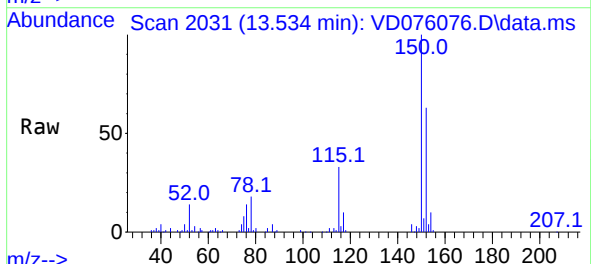
Instrument :
MSVOA_D
ClientSampleId :
VIBLK112

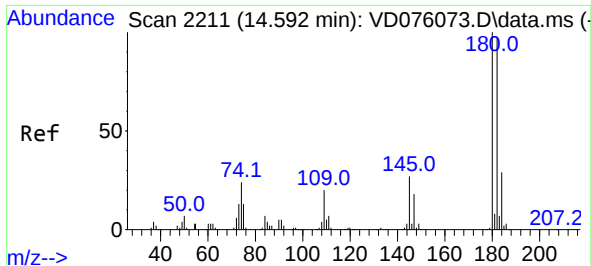
Tgt Ion:146 Resp: 3525
Ion Ratio Lower Upper
146 100
111 27.2 26.5 49.1
148 81.6 43.8 81.3#



#65
1,4-Dichlorobenzene
Concen: 0.497 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD076076.D
Acq: 11 May 2023 13:02

Tgt Ion:146 Resp: 4866
Ion Ratio Lower Upper
146 100
111 45.2 24.6 45.8
148 70.0 44.4 82.4



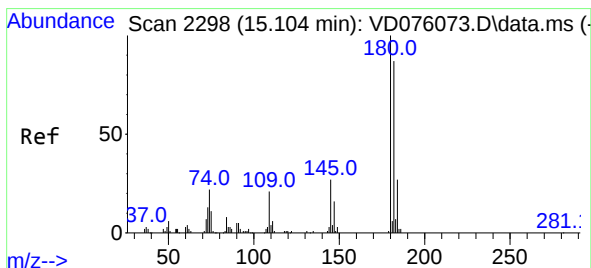
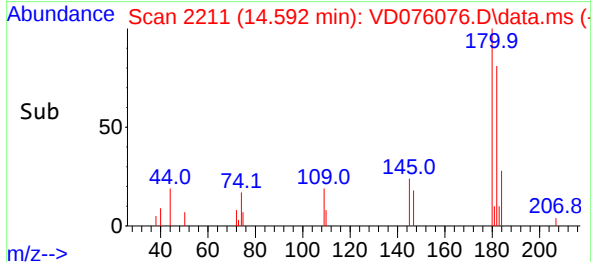
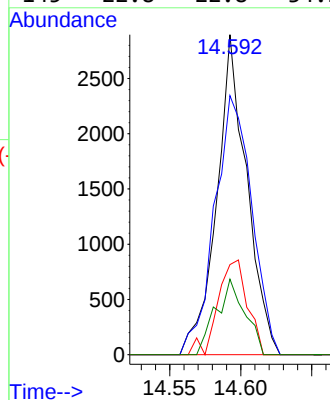
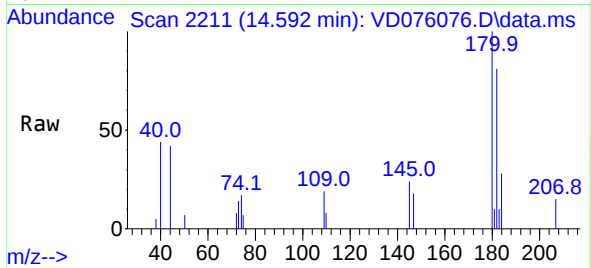


#69
 1,3,5-Trichlorobenzene
 Concen: 0.713 ug/L
 RT: 14.592 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD076076.D
 Acq: 11 May 2023 13:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK112

Tgt Ion:180 Resp: 4263

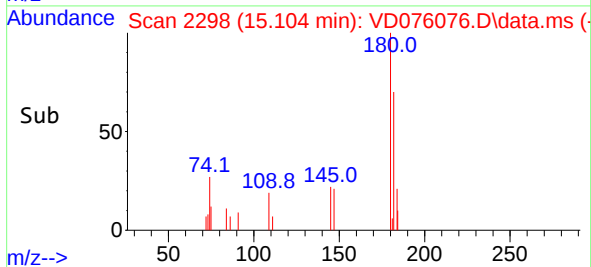
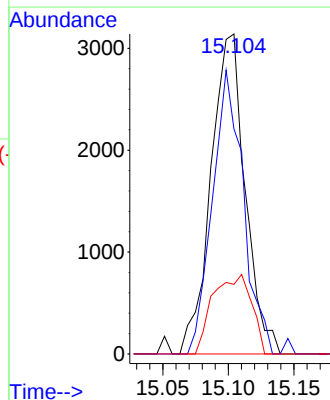
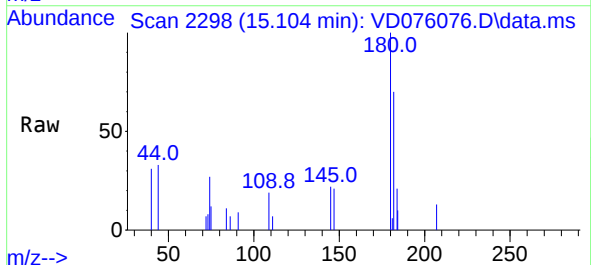
Ion	Ratio	Lower	Upper
180	100		
182	99.9	74.9	112.3
184	27.8	25.0	37.4
145	22.8	22.8	34.2

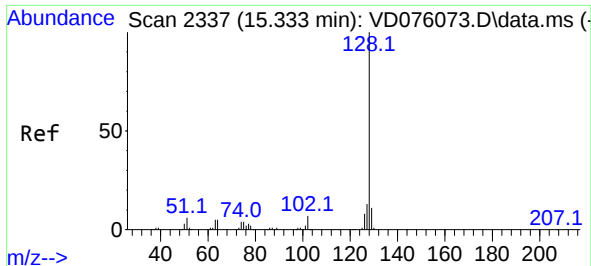


#70
 1,2,4-trichlorobenzene
 Concen: 1.206 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. 0.000 min
 Lab File: VD076076.D
 Acq: 11 May 2023 13:02

Tgt Ion:180 Resp: 5707

Ion	Ratio	Lower	Upper
180	100		
182	79.8	75.4	113.2
145	27.9	23.6	35.4

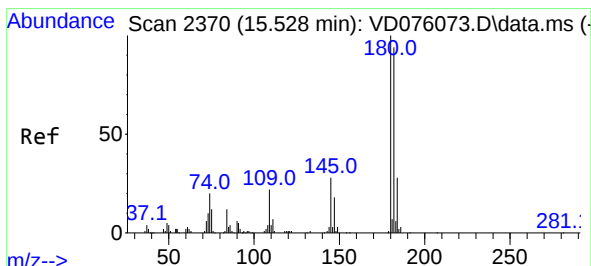
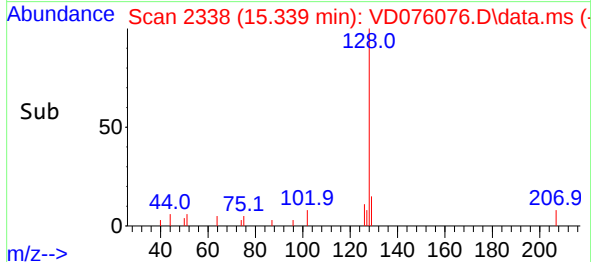
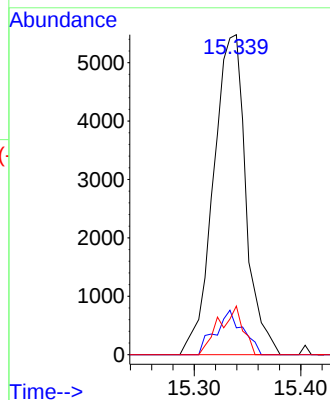
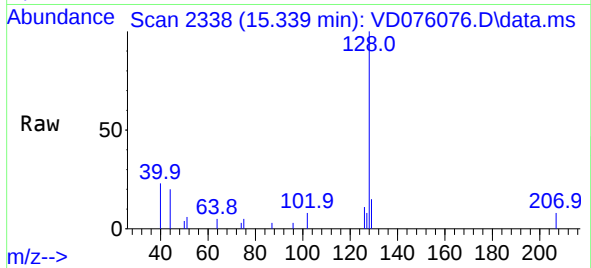




#71
Naphthalene
Concen: 1.299 ug/L
RT: 15.339 min Scan# 211
Delta R.T. 0.006 min
Lab File: VD076076.D
Acq: 11 May 2023 13:02

Instrument :
MSVOA_D
ClientSampleId :
VIBLK112

Tgt Ion:128 Resp: 11558
Ion Ratio Lower Upper
128 100
127 8.6 10.5 15.7#
129 6.6 9.1 13.7#



#72
1,2,3-Trichlorobenzene
Concen: 1.164 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD076076.D
Acq: 11 May 2023 13:02

Tgt Ion:180 Resp: 5010
Ion Ratio Lower Upper
180 100
182 99.4 76.3 114.5
145 23.6 25.0 37.6#

