

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051223\
 Data File : VD076101.D
 Acq On : 12 May 2023 11:24
 Operator : KP/SY
 Sample : VD0512SBL01
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VBLK130

Quant Time: May 14 23:55:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun May 14 23:54:23 2023
 Response via : Initial Calibration

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

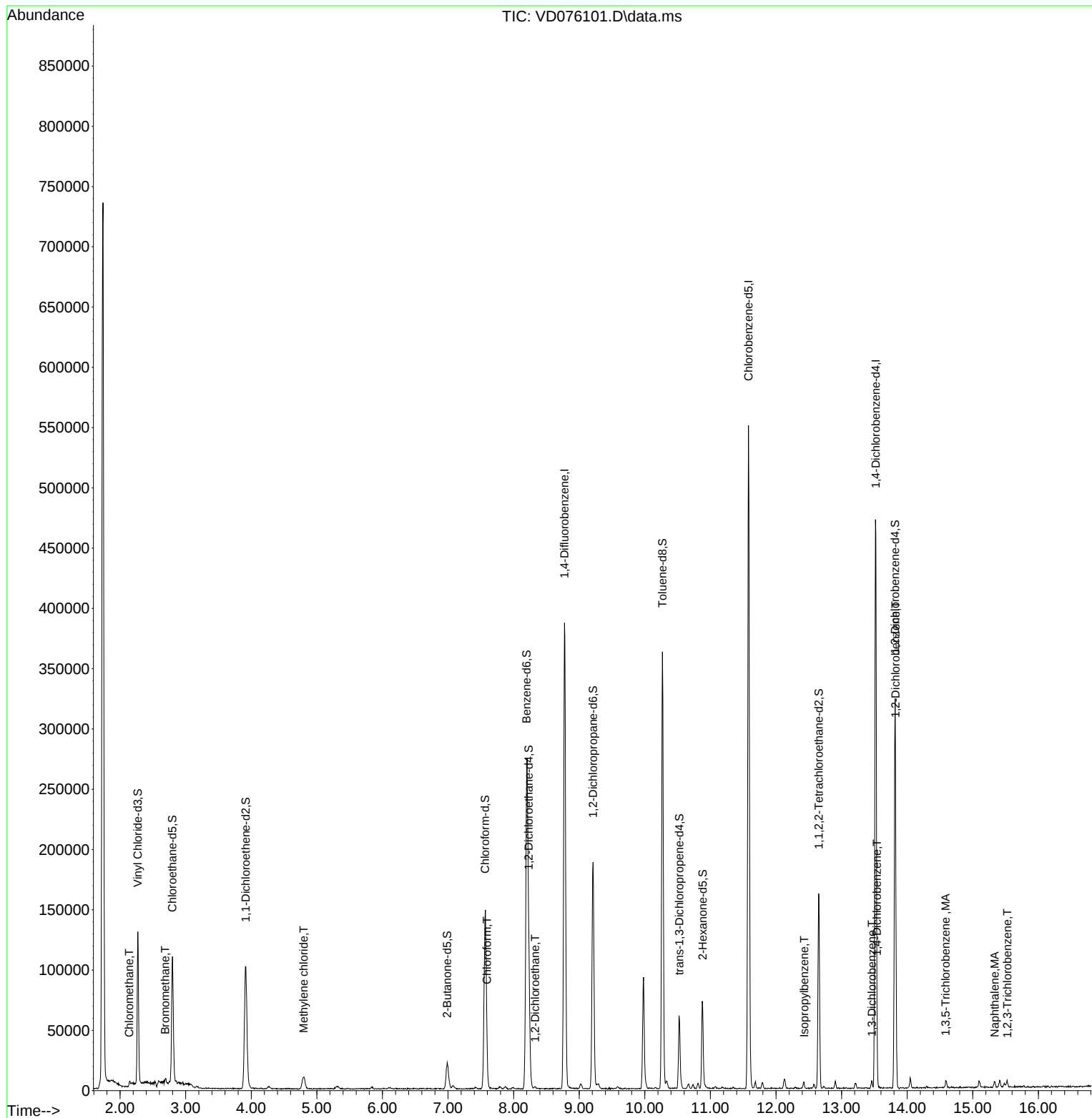
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	375735	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	346165	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	141747	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	116680	20.300	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	81.200%		
7) Chloroethane-d5	2.799	69	112054	21.234	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.920%		
11) 1,1-Dichloroethene-d2	3.917	65	28866	19.949	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	79.800%		
21) 2-Butanone-d5	6.987	46	36409	47.046	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	94.100%		
24) Chloroform-d	7.563	84	160052	20.332	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	81.320%		
26) 1,2-Dichloroethane-d4	8.228	65	74393	21.500	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	86.000%		
32) Benzene-d6	8.199	84	313311	20.076	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	80.320%		
36) 1,2-Dichloropropane-d6	9.210	67	101521	21.111	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	84.440%		
41) Toluene-d8	10.269	98	264805	19.040	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	76.160%		
43) trans-1,3-Dichloroprop...	10.528	79	34650	19.195	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	76.800%		
47) 2-Hexanone-d5	10.881	63	26124	37.097	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	74.200%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	85671	20.688	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	82.760%		
66) 1,2-Dichlorobenzene-d4	13.816	152	95473	23.578	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.320%		
Target Compounds						Qvalue
3) Chloromethane	2.140	50	2517	0.377	ug/L	91
6) Bromomethane	2.687	94	2668	0.504	ug/L	78
16) Methylene chloride	4.799	84	8666	1.418	ug/L	99
25) Chloroform	7.593	83	3422	0.394	ug/L	81
27) 1,2-Dichloroethane	8.328	62	1429	0.312	ug/L #	68
60) Isopropylbenzene	12.428	105	4138	0.257	ug/L	98
64) 1,3-Dichlorobenzene	13.463	146	3058	0.366	ug/L	91
65) 1,4-Dichlorobenzene	13.540	146	3163	0.364	ug/L	85
67) 1,2-Dichlorobenzene	13.822	146	3201	0.420	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.587	180	2318	0.437	ug/L #	89
71) Naphthalene	15.334	128	5412	0.685	ug/L #	89
72) 1,2,3-Trichlorobenzene	15.528	180	2222	0.581	ug/L #	93

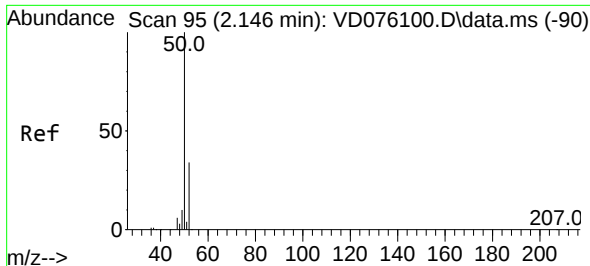
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 12 May 2023 11:24
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VBLK130

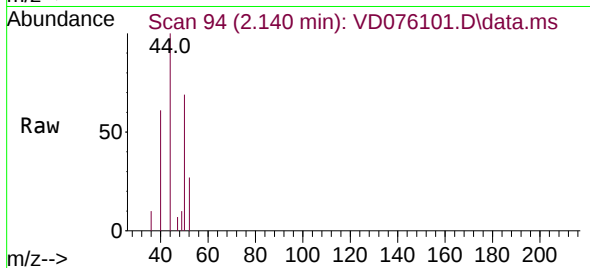
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051123SMA.M
Quant Title : SFAM01.0
QLast Update : Sun May 14 23:54:23 2023
Response via : Initial Calibration



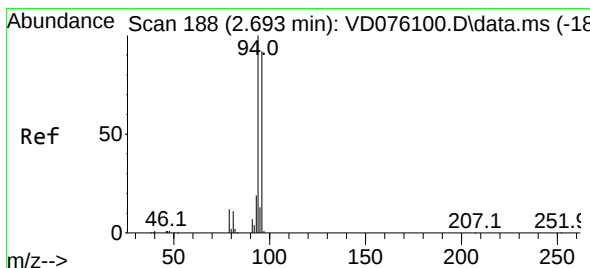
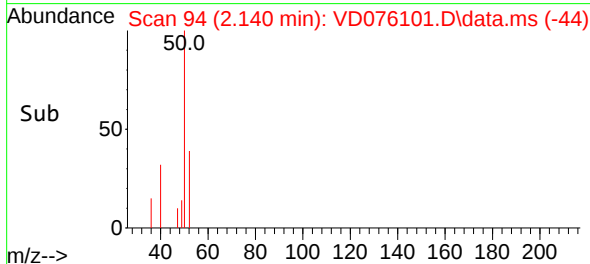
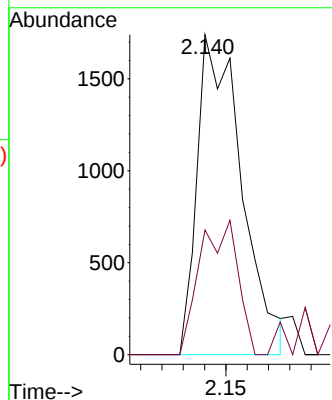


#3
Chloromethane
Concen: 0.377 ug/L
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD076101.D
Acq: 12 May 2023 11:24

Instrument :
MSVOA_D
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VBLK130

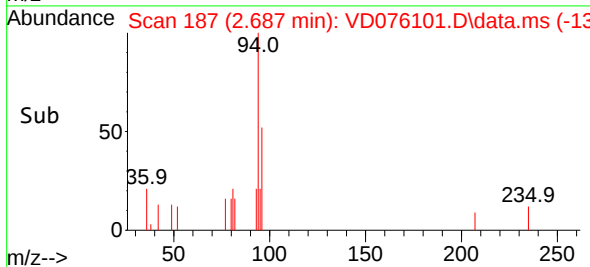
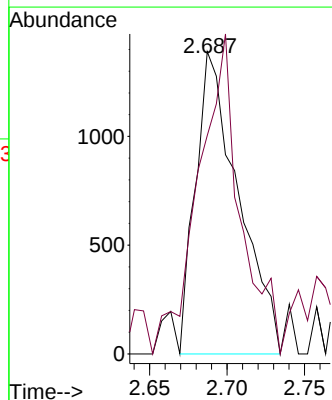
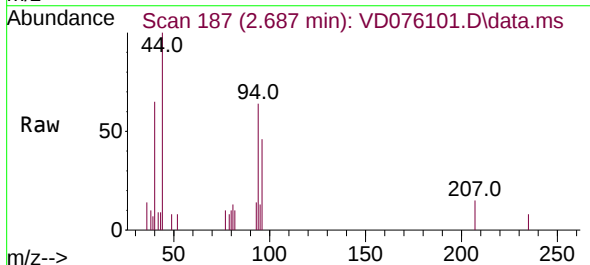


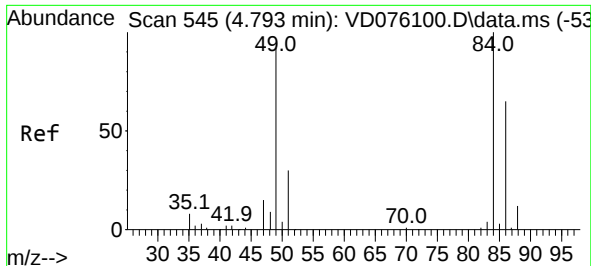
Tgt Ion: 50 Resp: 2517
Ion Ratio Lower Upper
50 100
52 39.0 23.7 44.1



#6
Bromomethane
Concen: 0.504 ug/L
RT: 2.687 min Scan# 187
Delta R.T. -0.006 min
Lab File: VD076101.D
Acq: 12 May 2023 11:24

Tgt Ion: 94 Resp: 2668
Ion Ratio Lower Upper
94 100
96 72.2 65.7 121.9

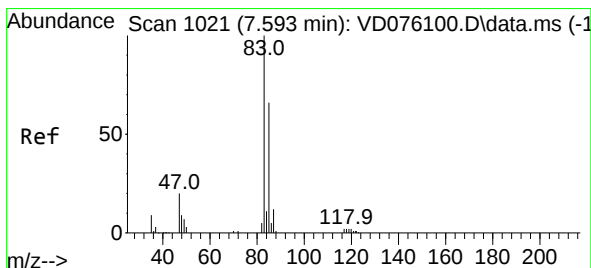
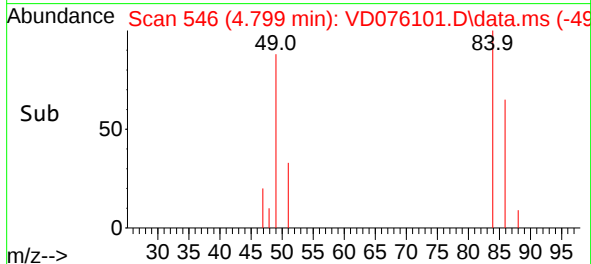
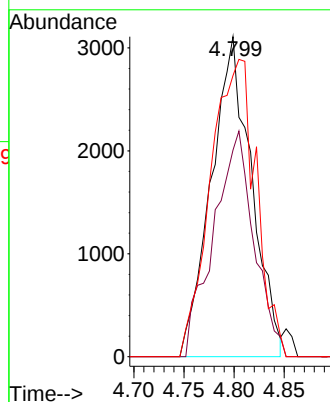
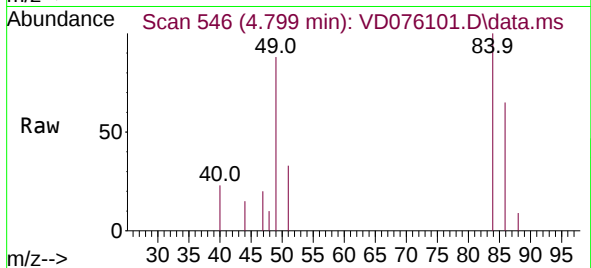




#16
Methylene chloride
Concen: 1.418 ug/L
RT: 4.799 min Scan# 545
Delta R.T. 0.006 min
Lab File: VD076101.D
Acq: 12 May 2023 11:24

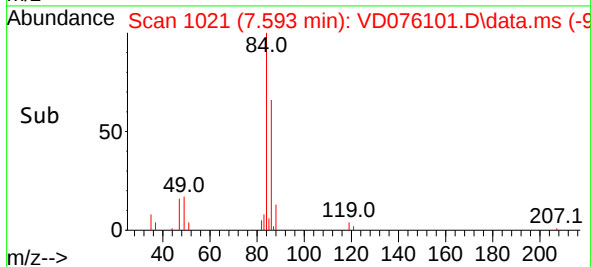
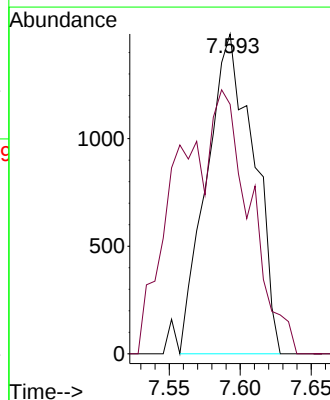
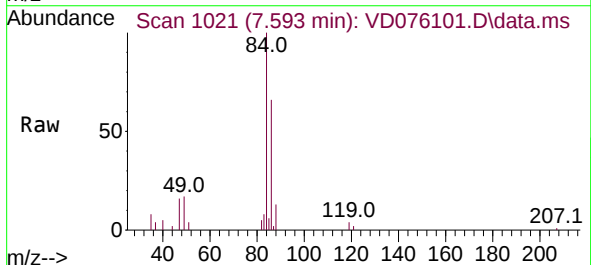
Instrument :
MSVOA_D
ClientSampleId :
VBLK130

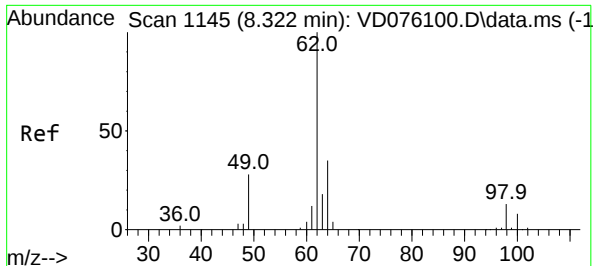
Tgt Ion: 84 Resp: 8666
Ion Ratio Lower Upper
84 100
86 64.6 45.8 85.2
49 87.8 60.8 112.8



#25
Chloroform
Concen: 0.394 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076101.D
Acq: 12 May 2023 11:24

Tgt Ion: 83 Resp: 3422
Ion Ratio Lower Upper
83 100
85 78.0 44.4 82.5

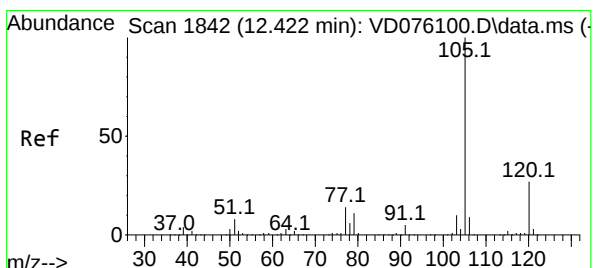
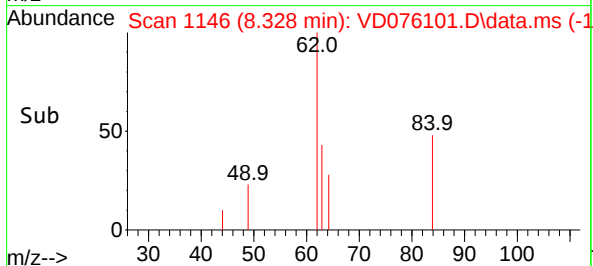
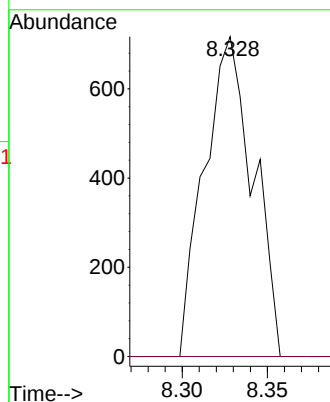
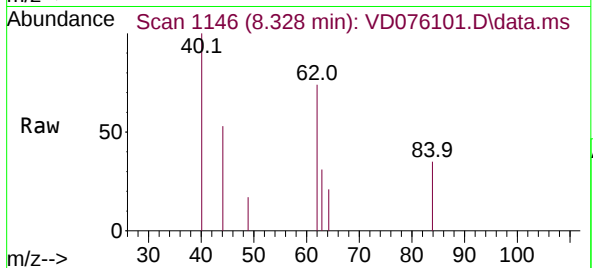




#27
1,2-Dichloroethane
Concen: 0.312 ug/L
RT: 8.328 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VD076101.D
Acq: 12 May 2023 11:24

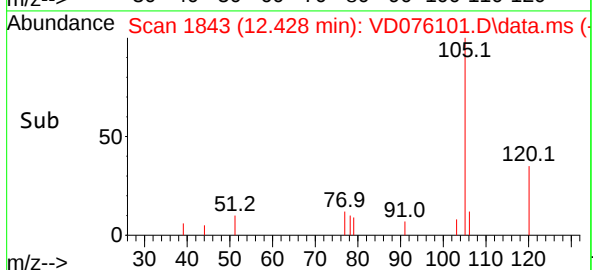
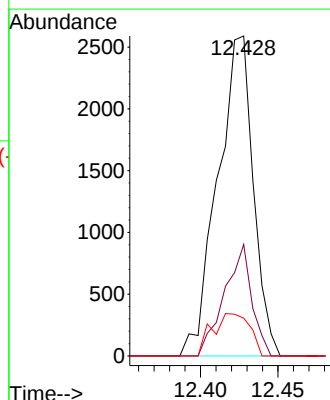
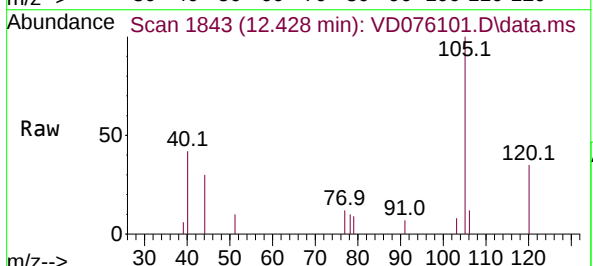
Instrument :
MSVOA_D
ClientSampleId :
VBLK130

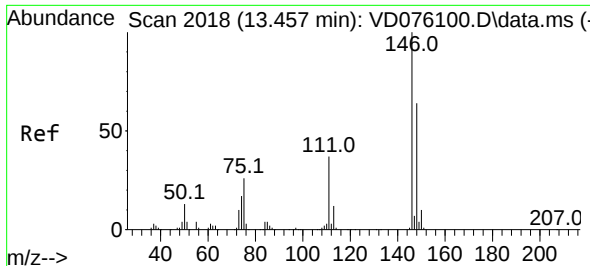
Tgt Ion: 62 Resp: 1429
Ion Ratio Lower Upper
62 100
98 0.0 10.2 15.2#



#60
Isopropylbenzene
Concen: 0.257 ug/L
RT: 12.428 min Scan# 1843
Delta R.T. 0.006 min
Lab File: VD076101.D
Acq: 12 May 2023 11:24

Tgt Ion: 105 Resp: 4138
Ion Ratio Lower Upper
105 100
120 26.8 22.7 34.1
77 13.9 10.9 16.3

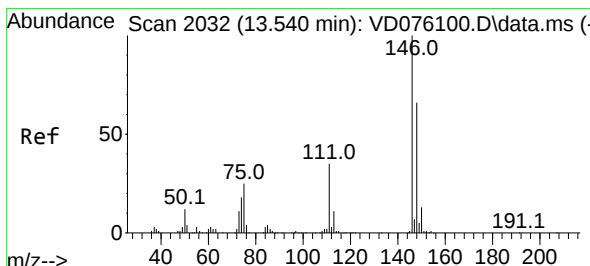
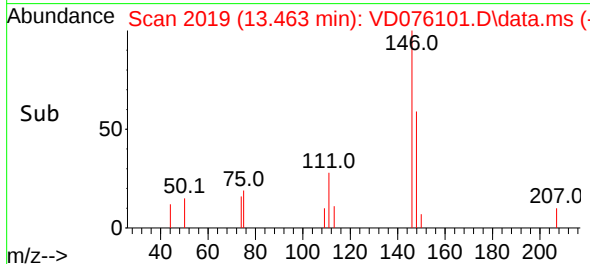
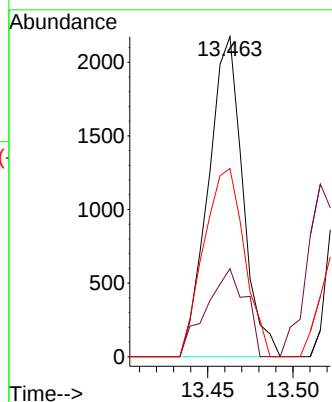
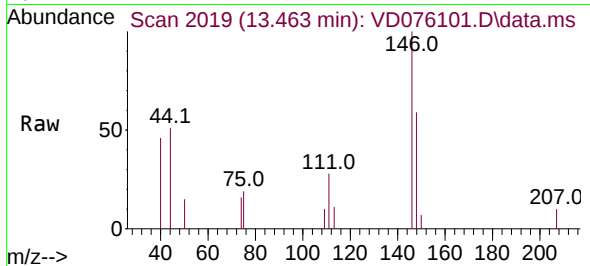




#64
1,3-Dichlorobenzene
Concen: 0.366 ug/L
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD076101.D
Acq: 12 May 2023 11:24

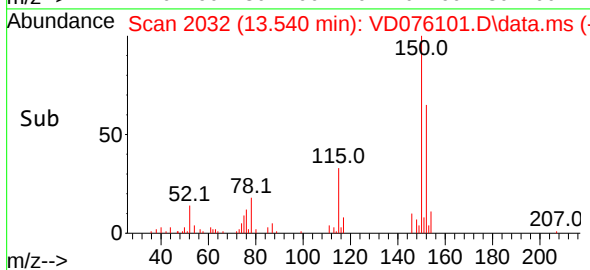
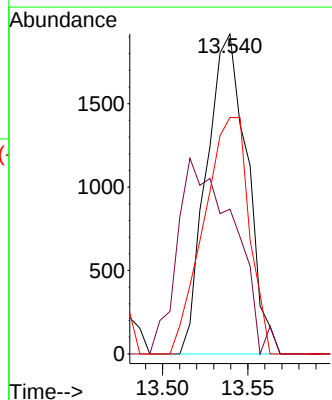
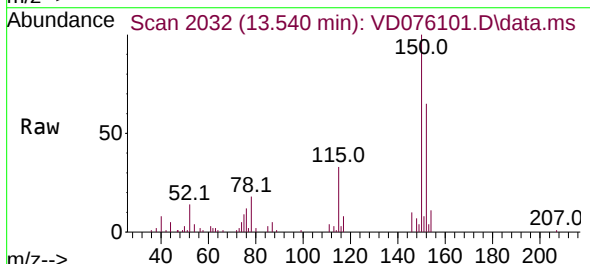
Instrument :
MSVOA_D
ClientSampleId :
VBLK130

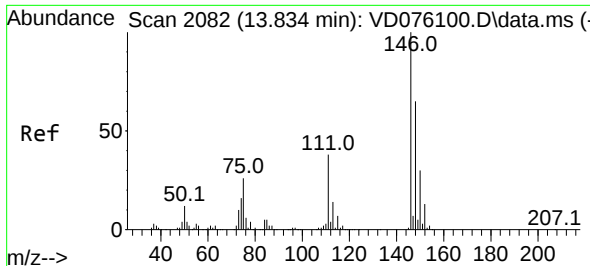
Tgt Ion:146	Resp:	3058
Ion Ratio	Lower	Upper
146	100	
111	27.5	26.5 49.1
148	58.8	43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 0.364 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076101.D
Acq: 12 May 2023 11:24

Tgt Ion:146	Resp:	3163
Ion Ratio	Lower	Upper
146	100	
111	45.3	24.6 45.8
148	73.9	44.4 82.4

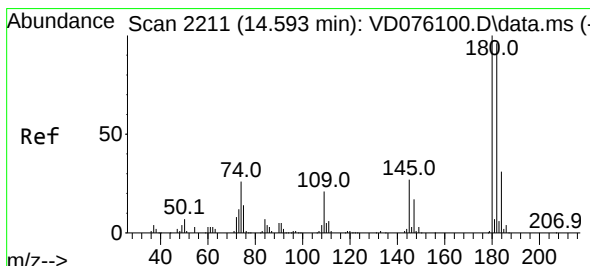
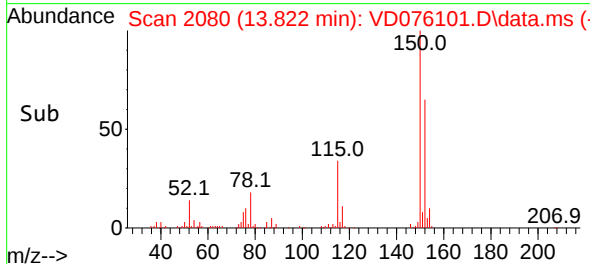
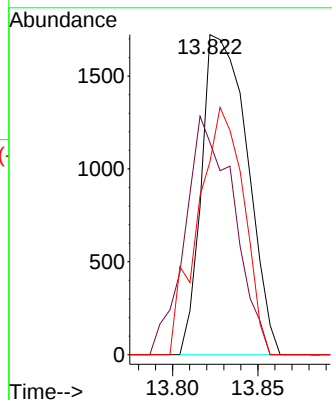
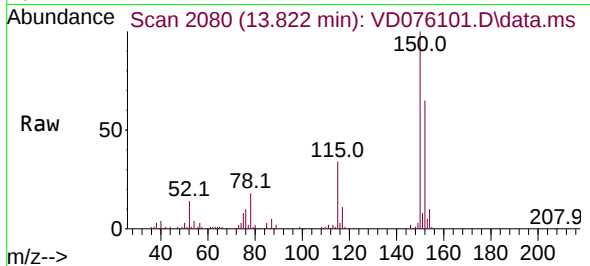




#67
1,2-Dichlorobenzene
Concen: 0.420 ug/L
RT: 13.822 min Scan# 2082
Delta R.T. -0.012 min
Lab File: VD076101.D
Acq: 12 May 2023 11:24

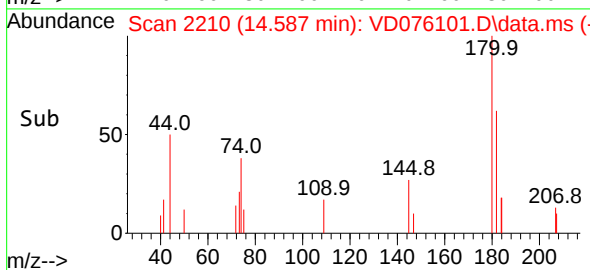
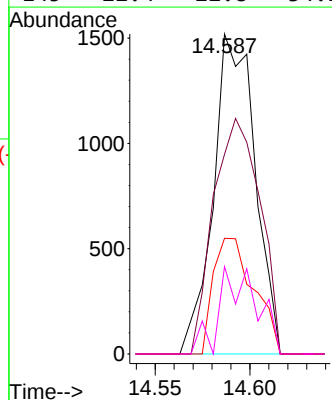
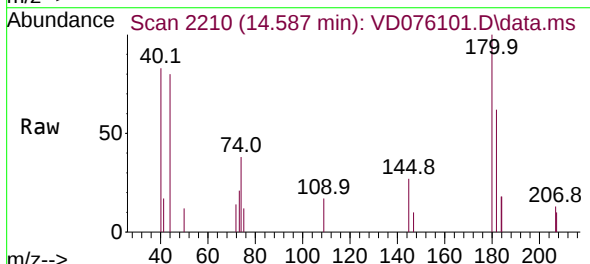
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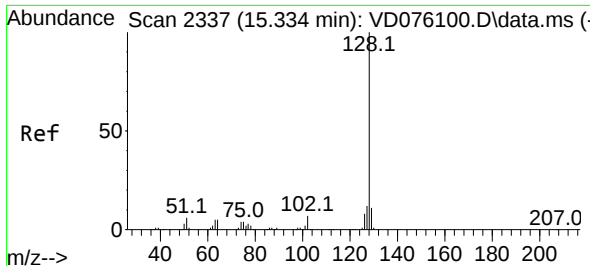
Tgt Ion:146 Resp: 3201
Ion Ratio Lower Upper
146 100
111 66.3 30.6 46.0#
148 60.3 51.4 77.0



#69
1,3,5-Trichlorobenzene
Concen: 0.437 ug/L
RT: 14.587 min Scan# 2210
Delta R.T. -0.006 min
Lab File: VD076101.D
Acq: 12 May 2023 11:24

Tgt Ion:180 Resp: 2318
Ion Ratio Lower Upper
180 100
182 82.5 74.9 112.3
184 35.4 25.0 37.4
145 22.4 22.8 34.2#

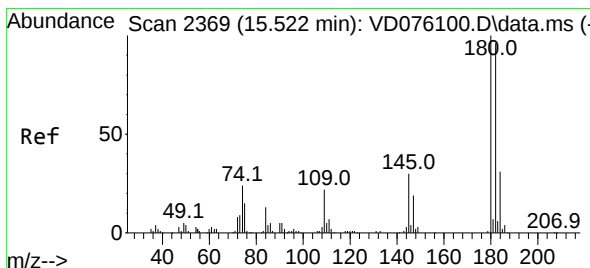
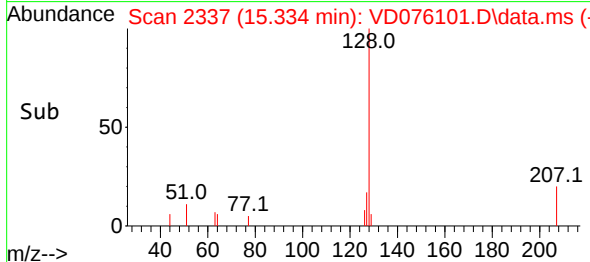
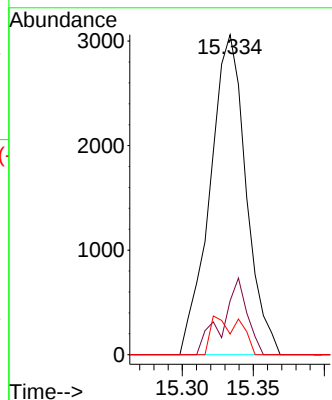
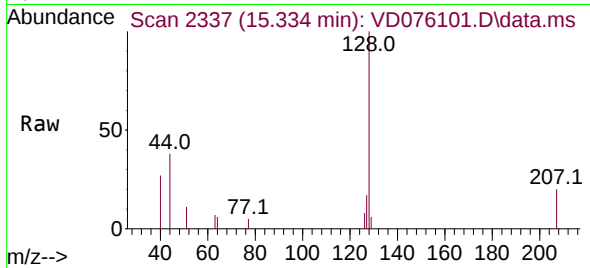




#71
Naphthalene
Concen: 0.685 ug/L
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076101.D
Acq: 12 May 2023 11:24

Instrument :
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Tgt Ion:128 Resp: 5412
Ion Ratio Lower Upper
128 100
127 11.9 10.5 15.7
129 3.7 9.1 13.7#



#72
1,2,3-Trichlorobenzene
Concen: 0.581 ug/L
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD076101.D
Acq: 12 May 2023 11:24

Tgt Ion:180 Resp: 2222
Ion Ratio Lower Upper
180 100
182 100.5 76.3 114.5
145 24.6 25.0 37.6#

