

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051123\
 Data File : VV031011.D
 Acq On : 11 May 2023 10:12
 Operator : SY/MD
 Sample : VV0511WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK335

Quant Time: May 12 09:46:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 06 01:44:36 2023
 Response via : Initial Calibration

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

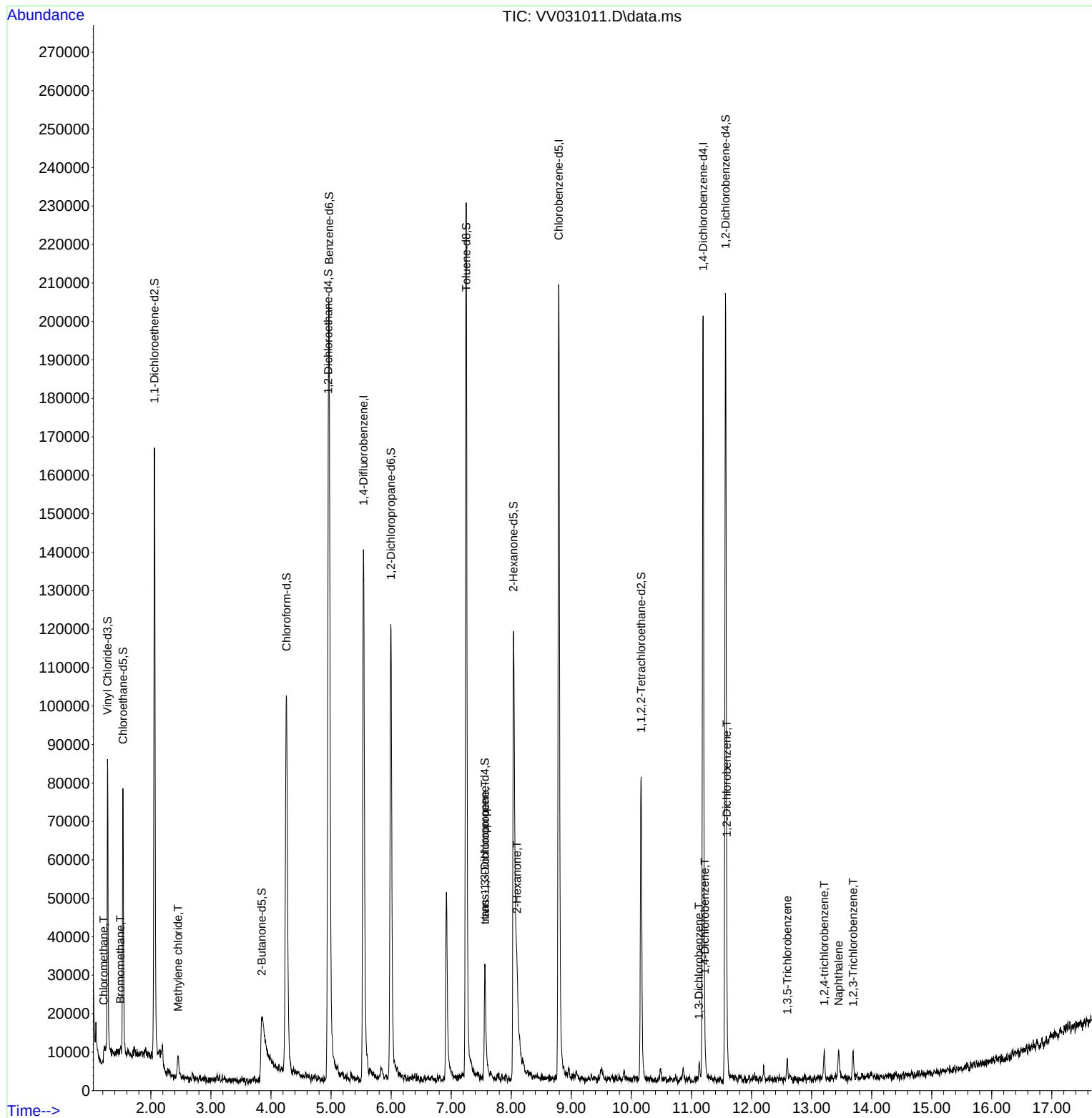
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	120323	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	119434	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	57522	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	50744	5.119	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.400%
7) Chloroethane-d5	1.535	69	44200	5.466	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.400%
11) 1,1-Dichloroethene-d2	2.060	65	26871	5.122	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.400%
20) 2-Butanone-d5	3.847	46	42503	24.178	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	48.360%
24) Chloroform-d	4.256	84	102134	5.184	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	4.953	65	51812	5.173	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	4.966	84	180764	5.163	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
36) 1,2-Dichloropropane-d6	5.995	67	52311	5.139	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.249	98	153833	4.614	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	7.561	79	18254	4.784	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.037	63	55135	41.239	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.480%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	35454	4.805	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	11.567	152	53622	5.001	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
3) Chloromethane	1.217	50	1080	0.097	ug/L #	75
6) Bromomethane	1.490	94	670	0.151	ug/L	85
16) Methylene chloride	2.452	84	2910	0.318	ug/L	93
44) trans-1,3-Dichloropropene	7.564	75	1491	0.164	ug/L #	69
48) 2-Hexanone	8.095	43	10056	3.551	ug/L #	79
64) 1,3-Dichlorobenzene	11.127	146	1312	0.082	ug/L	91
65) 1,4-Dichlorobenzene	11.223	146	1571	0.098	ug/L	85
67) 1,2-Dichlorobenzene	11.586	146	1731	0.121	ug/L #	82
69) 1,3,5-Trichlorobenzene	12.596	180	1771	0.140	ug/L #	91
70) 1,2,4-trichlorobenzene	13.210	180	2266	0.234	ug/L	95
71) Naphthalene	13.451	128	6011	0.433	ug/L	98
72) 1,2,3-Trichlorobenzene	13.693	180	2352	0.287	ug/L #	87

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

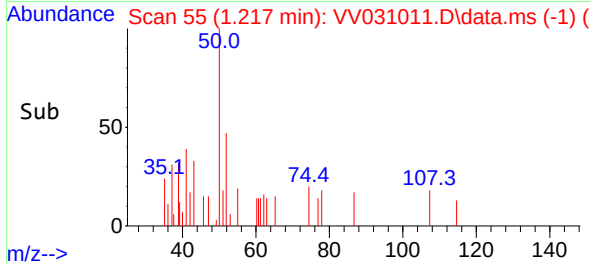
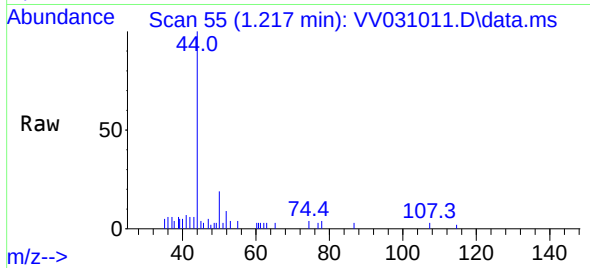
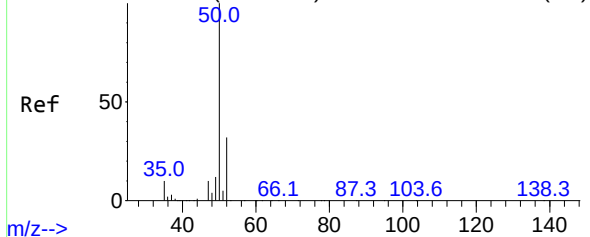
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat May 06 01:44:36 2023
Response via : Initial Calibration



Abundance Scan 55 (1.217 min): VV031010.D\data.ms (-46)



#3

Chloromethane

Concen: 0.097 ug/L

RT: 1.217 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV031011.D

Acq: 11 May 2023 10:12

Instrument :

MSVOA_V

ClientSampleId :

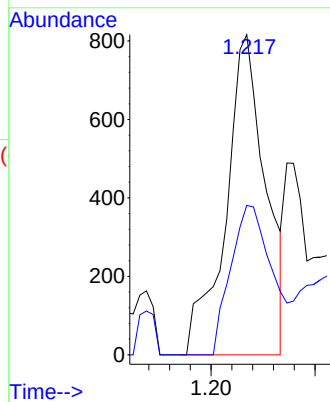
VBLK335

Tgt Ion: 50 Resp: 1080

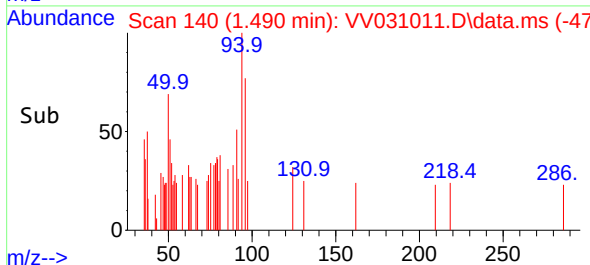
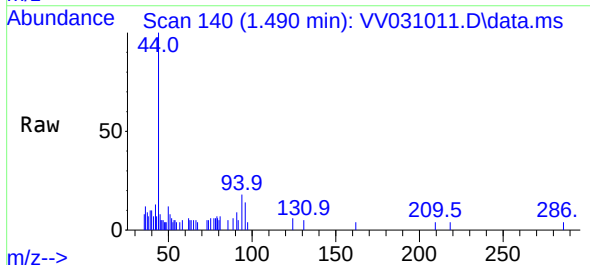
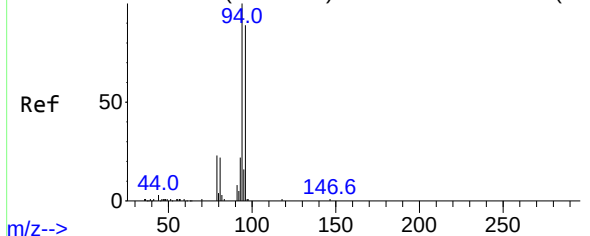
Ion Ratio Lower Upper

50 100

52 46.7 22.8 42.4#



Abundance Scan 140 (1.491 min): VV031010.D\data.ms (-13)



#6

Bromomethane

Concen: 0.151 ug/L

RT: 1.490 min Scan# 140

Delta R.T. 0.000 min

Lab File: VV031011.D

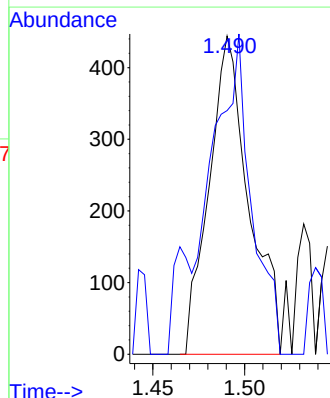
Acq: 11 May 2023 10:12

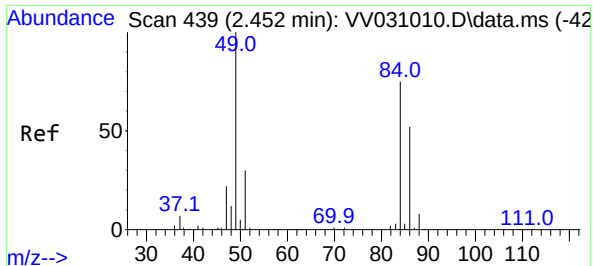
Tgt Ion: 94 Resp: 670

Ion Ratio Lower Upper

94 100

96 76.6 63.4 117.8

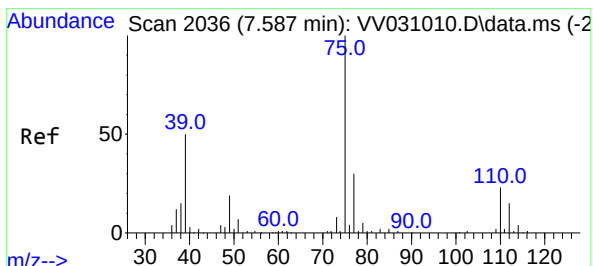
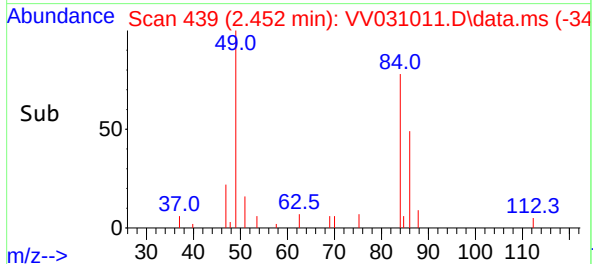
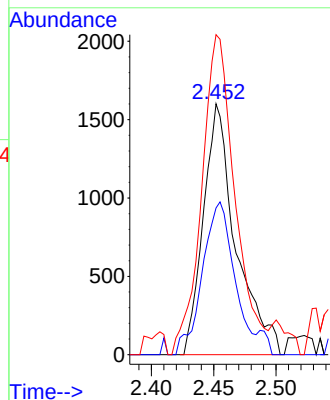
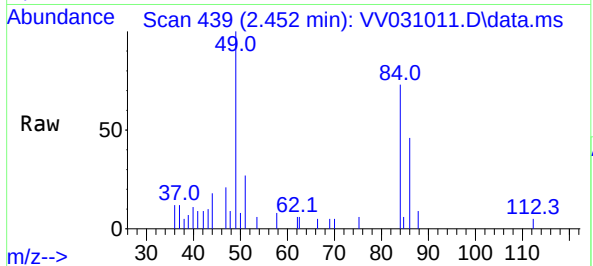




#16
Methylene chloride
Concen: 0.318 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV031011.D
Acq: 11 May 2023 10:12

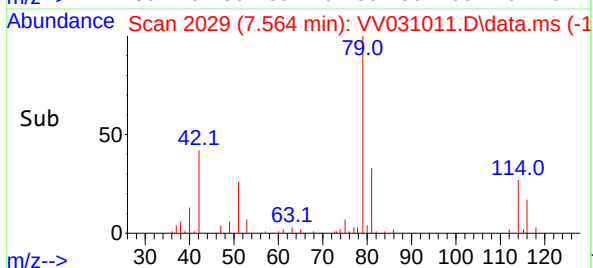
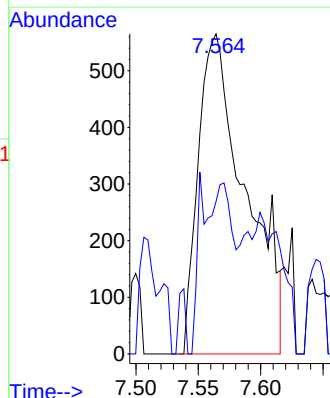
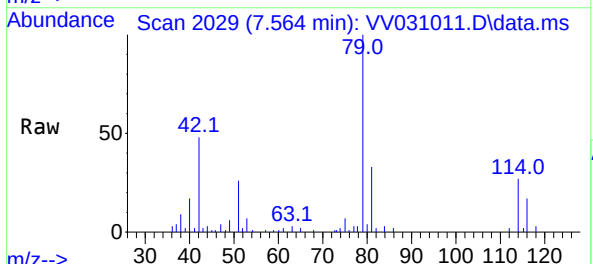
Instrument :
MSVOA_V
ClientSampleId :
VBLK335

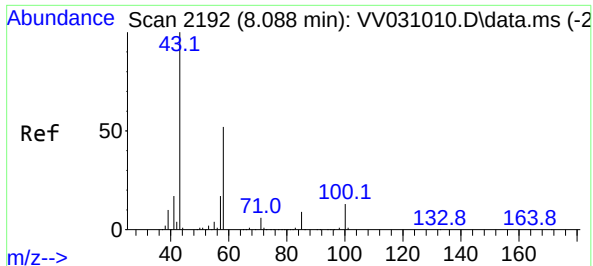
Tgt Ion: 84 Resp: 2910
Ion Ratio Lower Upper
84 100
86 58.5 46.1 85.5
49 127.5 94.3 175.1



#44
trans-1,3-Dichloropropene
Concen: 0.164 ug/L
RT: 7.564 min Scan# 2029
Delta R.T. -0.026 min
Lab File: VV031011.D
Acq: 11 May 2023 10:12

Tgt Ion: 75 Resp: 1491
Ion Ratio Lower Upper
75 100
77 47.6 21.6 40.0#



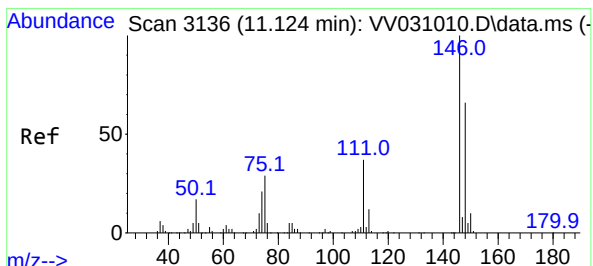
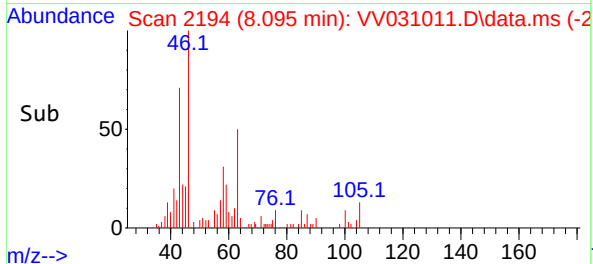
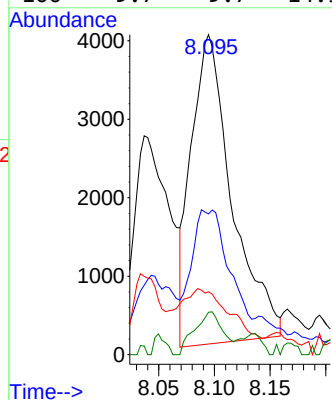
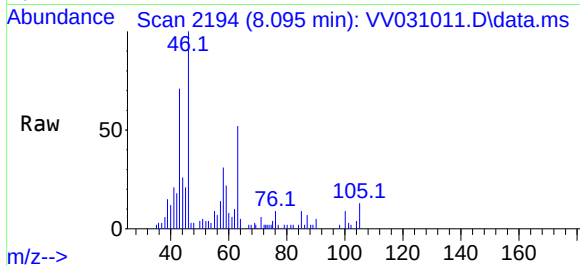


#48
2-Hexanone
Concen: 3.551 ug/L
RT: 8.095 min Scan# 2194
Delta R.T. 0.010 min
Lab File: VV031011.D
Acq: 11 May 2023 10:12

Instrument :
MSVOA_V
ClientSampleId :
VBLK335

Tgt Ion: 43 Resp: 10056

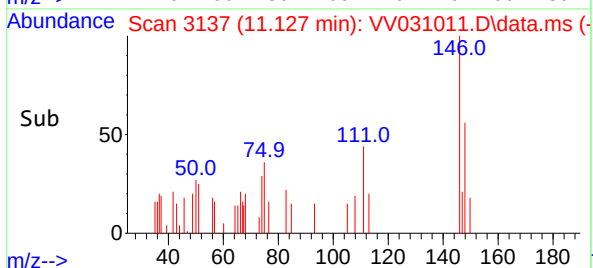
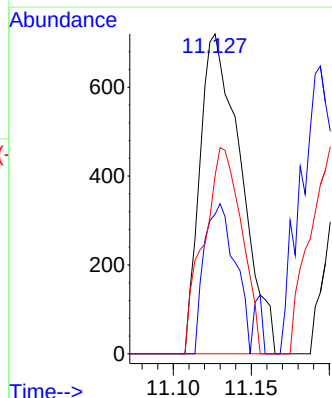
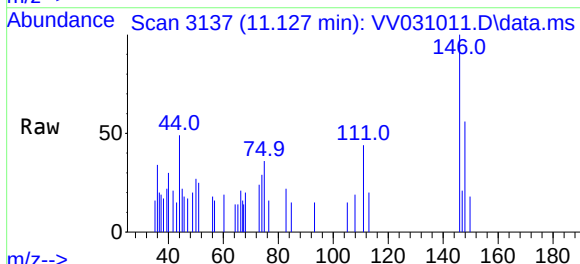
Ion	Ratio	Lower	Upper
43	100		
58	33.6	39.9	59.9#
57	27.5	14.1	21.1#
100	9.7	9.7	14.5

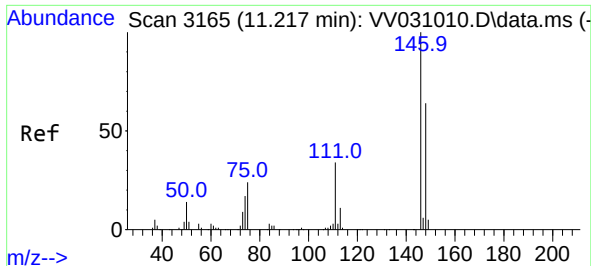


#64
1,3-Dichlorobenzene
Concen: 0.082 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.003 min
Lab File: VV031011.D
Acq: 11 May 2023 10:12

Tgt Ion: 146 Resp: 1312

Ion	Ratio	Lower	Upper
146	100		
111	43.6	26.5	49.3
148	55.7	43.4	80.6

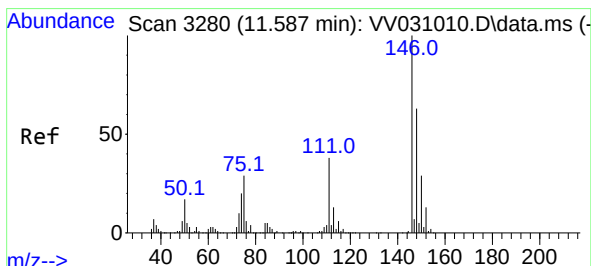
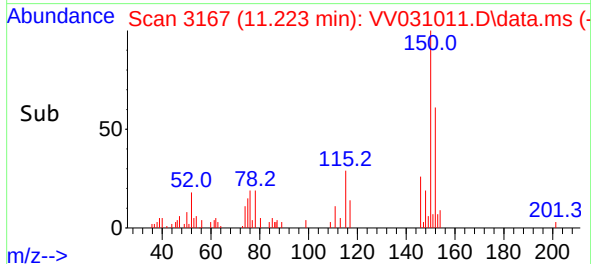
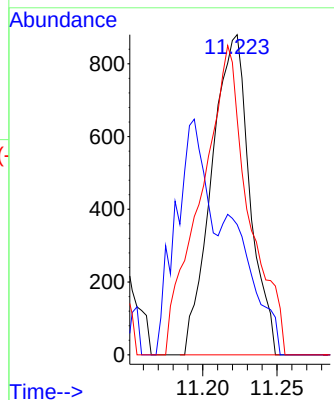
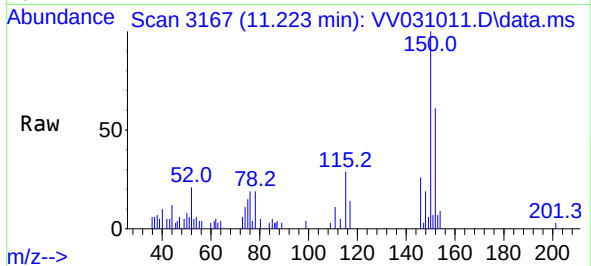




#65
1,4-Dichlorobenzene
Concen: 0.098 ug/L
RT: 11.223 min Scan# 3165
Delta R.T. 0.006 min
Lab File: VV031011.D
Acq: 11 May 2023 10:12

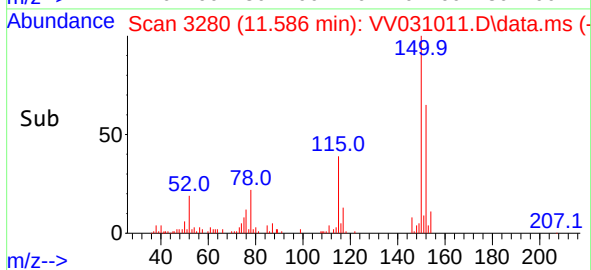
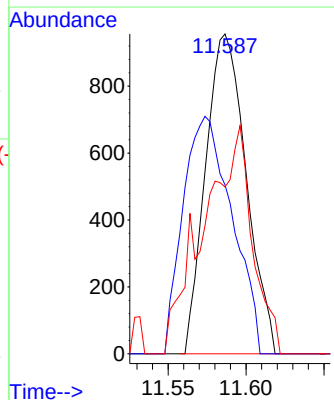
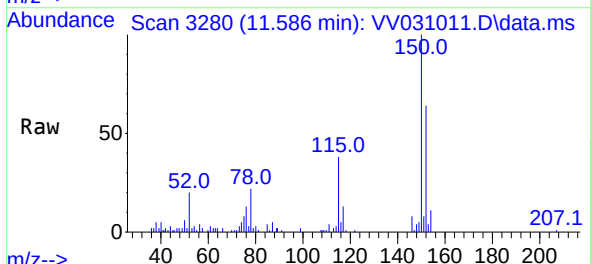
Instrument :
MSVOA_V
ClientSampleId :
VBLK335

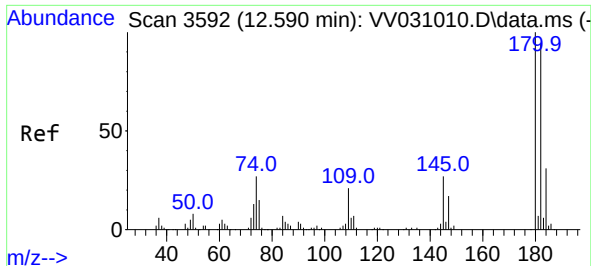
Tgt Ion:146 Resp: 1571
Ion Ratio Lower Upper
146 100
111 40.7 23.9 44.5
148 73.8 42.8 79.6



#67
1,2-Dichlorobenzene
Concen: 0.121 ug/L
RT: 11.586 min Scan# 3280
Delta R.T. 0.000 min
Lab File: VV031011.D
Acq: 11 May 2023 10:12

Tgt Ion:146 Resp: 1731
Ion Ratio Lower Upper
146 100
111 52.8 34.0 51.0#
148 52.2 53.8 80.6#





#69

1,3,5-Trichlorobenzene

Concen: 0.140 ug/L

RT: 12.596 min Scan# 3592

Delta R.T. 0.006 min

Lab File: VV031011.D

Acq: 11 May 2023 10:12

Instrument :

MSVOA_V

ClientSampleId :

VBLK335

Tgt Ion:180 Resp: 1771

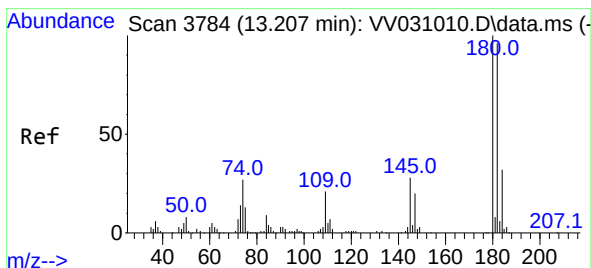
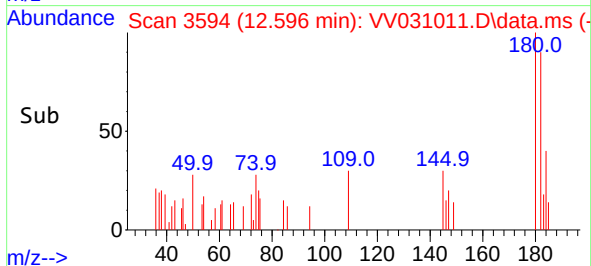
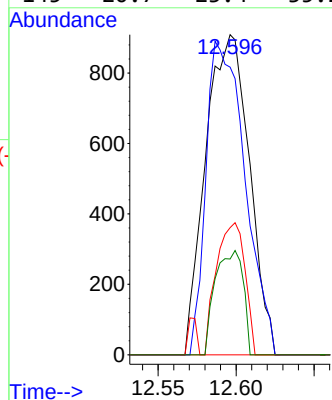
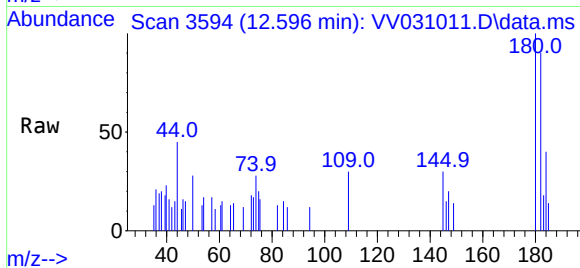
Ion Ratio Lower Upper

180 100

182 87.1 75.1 112.7

184 26.9 24.1 36.1

145 20.7 23.4 35.2#



#70

1,2,4-trichlorobenzene

Concen: 0.234 ug/L

RT: 13.210 min Scan# 3785

Delta R.T. 0.003 min

Lab File: VV031011.D

Acq: 11 May 2023 10:12

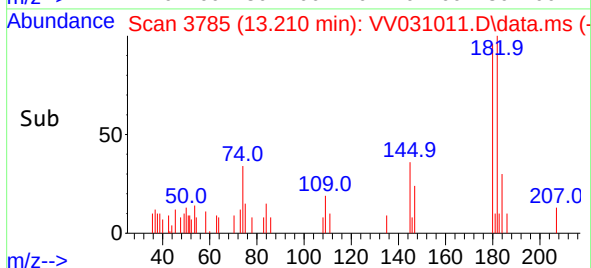
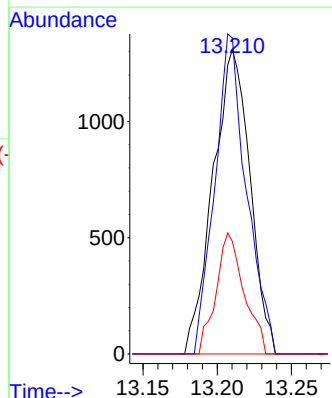
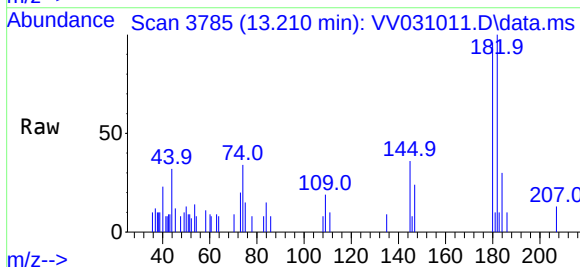
Tgt Ion:180 Resp: 2266

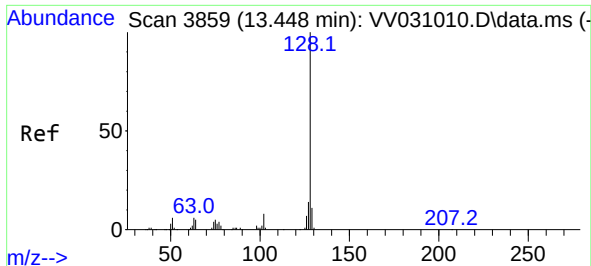
Ion Ratio Lower Upper

180 100

182 90.1 76.0 114.0

145 30.2 22.9 34.3

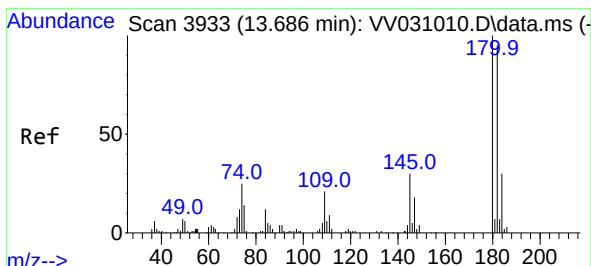
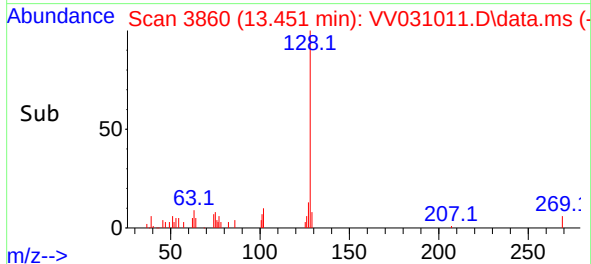
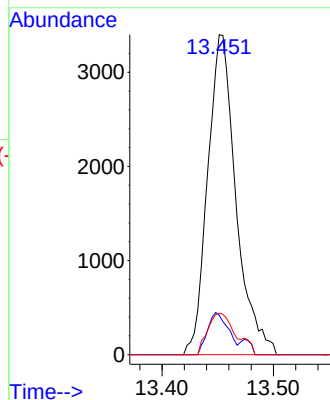
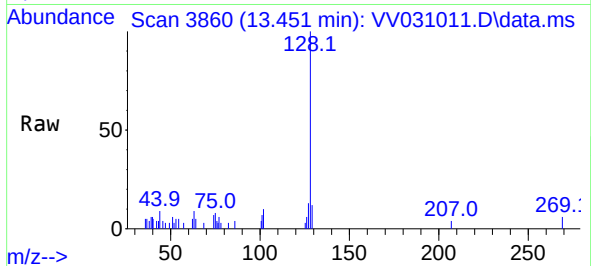




#71
Naphthalene
Concen: 0.433 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.003 min
Lab File: VV031011.D
Acq: 11 May 2023 10:12

Instrument :
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Tgt Ion:	128	Resp:	6011
Ion	Ratio	Lower	Upper
128	100		
129	9.7	8.6	13.0
127	12.9	10.6	16.0



#72
1,2,3-Trichlorobenzene
Concen: 0.287 ug/L
RT: 13.693 min Scan# 3935
Delta R.T. 0.003 min
Lab File: VV031011.D
Acq: 11 May 2023 10:12

Tgt Ion:	180	Resp:	2352
Ion	Ratio	Lower	Upper
180	100		
182	84.2	77.3	115.9
145	23.4	24.7	37.1#

