

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081922\
 Data File : VV027440.D
 Acq On : 19 Aug 2022 12:38
 Operator : SY/MD
 Sample : VV0819WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK207

Quant Time: Aug 20 06:04:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 20 05:55:43 2022
 Response via : Initial Calibration

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

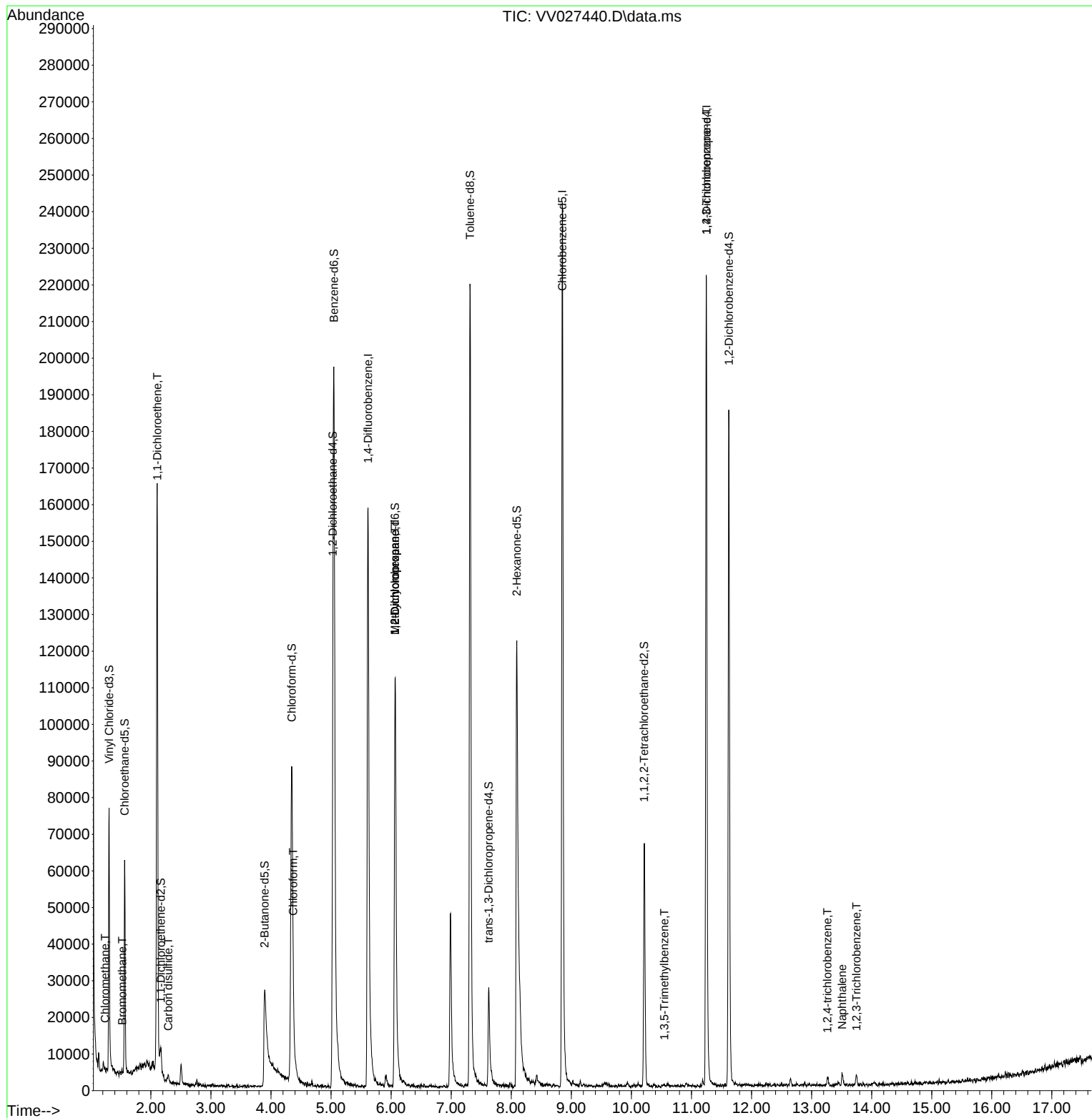
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	140379	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	134379	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57846	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	50613	5.066	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.400%
7) Chloroethane-d5	1.564	69	36675	5.016	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.166	63	3880	0.167	ug/L	0.06
Spiked Amount	5.000	Range	60 - 125	Recovery	=	3.400%#
20) 2-Butanone-d5	3.892	46	47863	38.495	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.000%
24) Chloroform-d	4.346	84	92927	4.652	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.031	65	44080	5.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.047	84	190931	5.130	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
36) 1,2-Dichloropropane-d6	6.066	67	57660	5.328	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.313	98	149870	4.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	7.625	79	17212	4.645	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.092	63	53795	44.106	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.220%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	31931	4.634	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	45776	5.338	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	821	0.063	ug/L	93
6) Bromomethane	1.523	94	784	0.121	ug/L	73
12) 1,1-Dichloroethene	2.108	96	971	0.091	ug/L #	1
14) Carbon disulfide	2.291	76	1919	0.066	ug/L #	76
25) Chloroform	4.371	83	6368	0.259	ug/L	96
35) Methylcyclohexane	6.066	83	13628	0.824	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	6476	0.544	ug/L #	86
61) 1,2,3-Trichloropropane	11.249	75	7739	1.525	ug/L #	68
62) 1,3,5-Trimethylbenzene	10.548	105	419	0.040	ug/L #	29
70) 1,2,4-trichlorobenzene	13.265	180	752	0.074	ug/L	92
71) Naphthalene	13.509	128	2712	0.193	ug/L #	84
72) 1,2,3-Trichlorobenzene	13.747	180	811	0.090	ug/L #	64

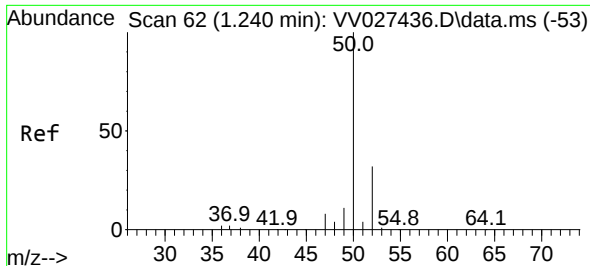
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081922\
Data File : VV027440.D
Acq On : 19 Aug 2022 12:38
Operator : SY/MD
Sample : VV0819WBL01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK207

Quant Time: Aug 20 06:04:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 20 05:55:43 2022
Response via : Initial Calibration

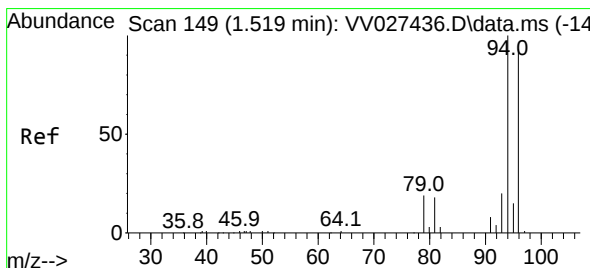
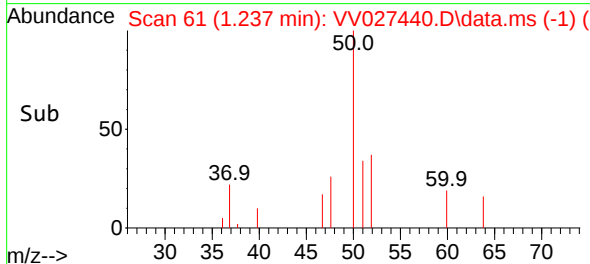
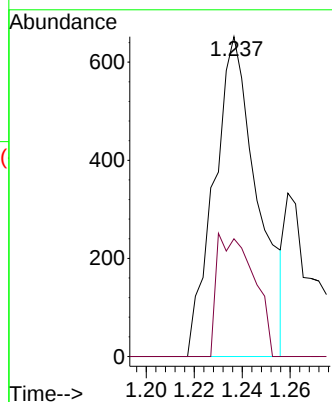
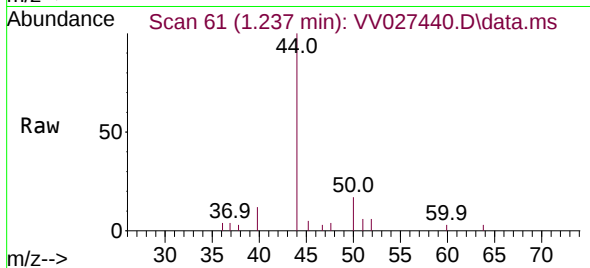




#3
Chloromethane
Concen: 0.063 ug/L
RT: 1.237 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV027440.D
Acq: 19 Aug 2022 12:38

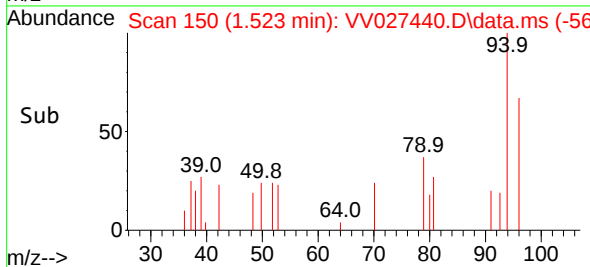
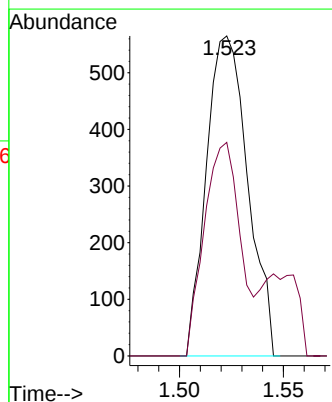
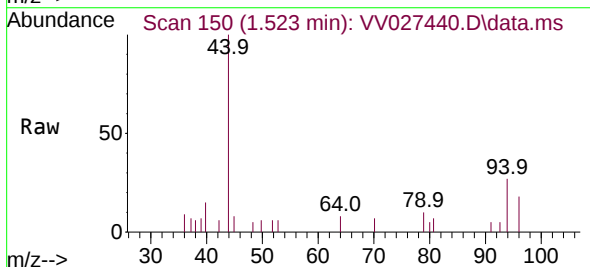
Instrument :
MSVOA_V
ClientSampleId :
VBLK207

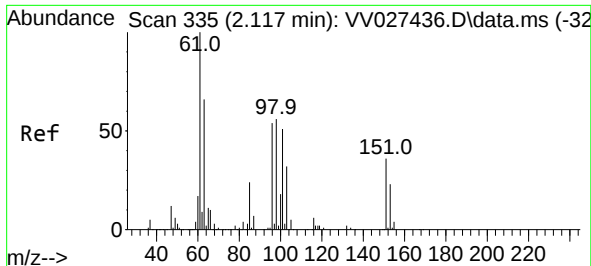
Tgt Ion: 50 Resp: 821
Ion Ratio Lower Upper
50 100
52 36.8 22.8 42.4



#6
Bromomethane
Concen: 0.121 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV027440.D
Acq: 19 Aug 2022 12:38

Tgt Ion: 94 Resp: 784
Ion Ratio Lower Upper
94 100
96 66.7 65.2 121.0

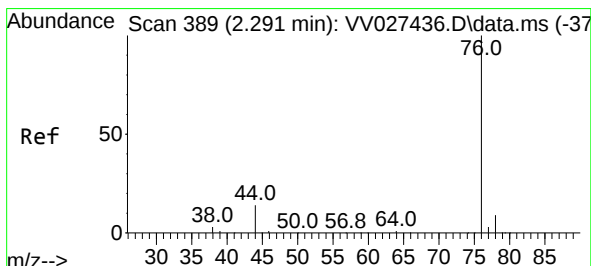
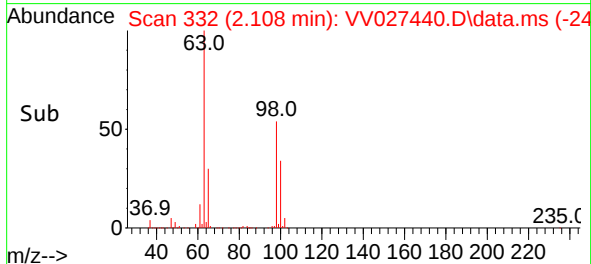
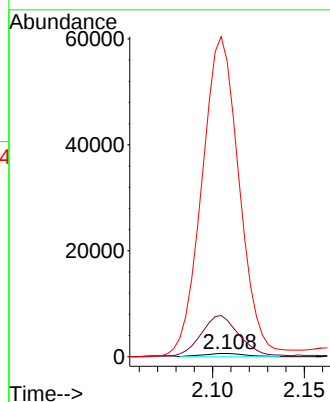
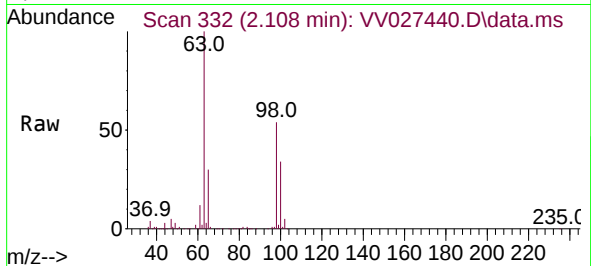




#12
1,1-Dichloroethene
Concen: 0.091 ug/L
RT: 2.108 min Scan# 311
Delta R.T. -0.010 min
Lab File: VV027440.D
Acq: 19 Aug 2022 12:38

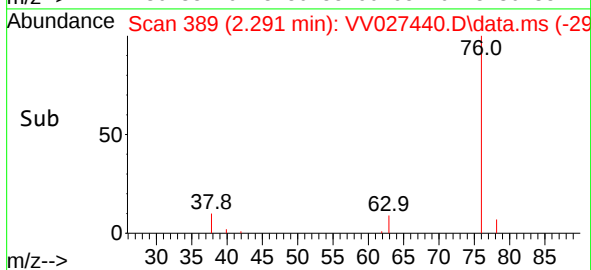
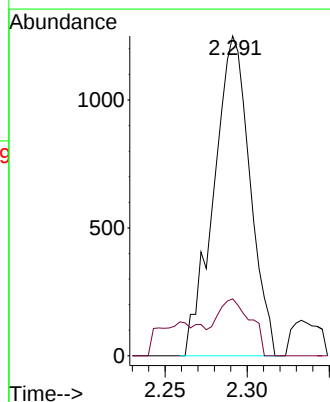
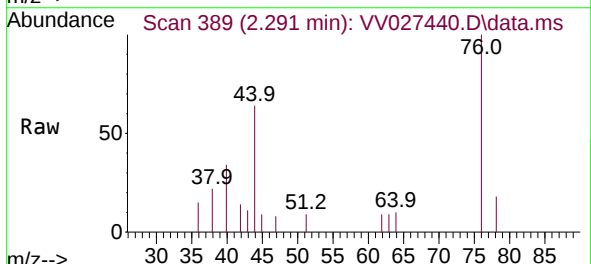
Instrument :
MSVOA_V
ClientSampleId :
VBLK207

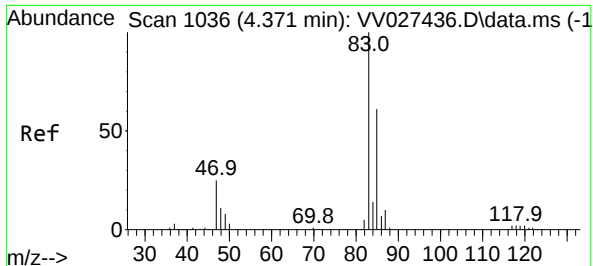
Tgt Ion: 96 Resp: 971
Ion Ratio Lower Upper
96 100
61 1157.9 130.2 241.8#
63 9340.5 87.4 162.4#



#14
Carbon disulfide
Concen: 0.066 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV027440.D
Acq: 19 Aug 2022 12:38

Tgt Ion: 76 Resp: 1919
Ion Ratio Lower Upper
76 100
78 17.8 7.3 10.9#





#25

Chloroform

Concen: 0.259 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV027440.D

Acq: 19 Aug 2022 12:38

Instrument :

MSVOA_V

ClientSampleId :

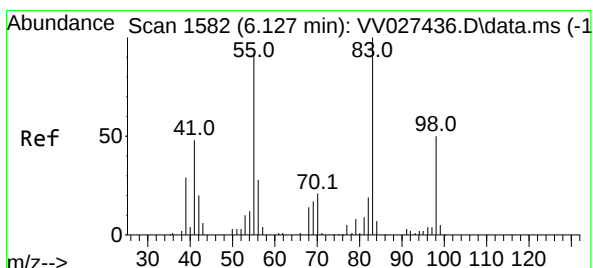
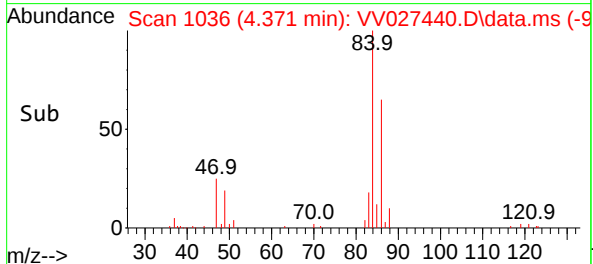
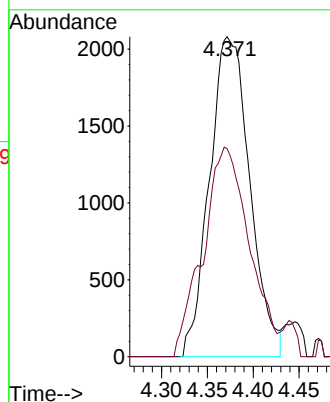
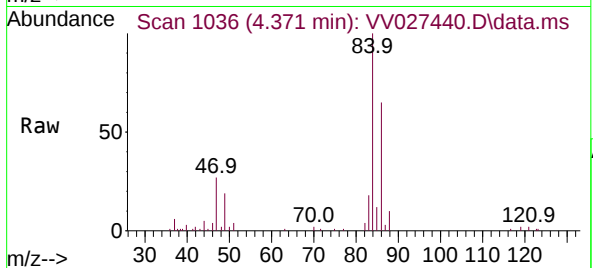
VBLK207

Tgt Ion: 83 Resp: 6368

Ion Ratio Lower Upper

83 100

85 65.0 43.3 80.5



#35

Methylcyclohexane

Concen: 0.824 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV027440.D

Acq: 19 Aug 2022 12:38

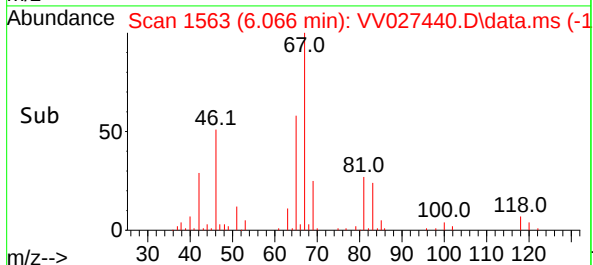
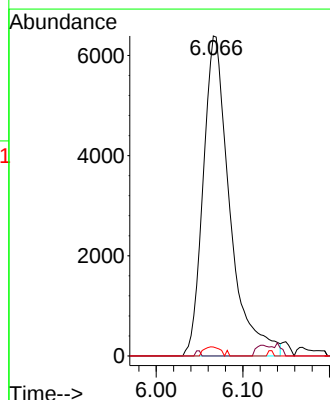
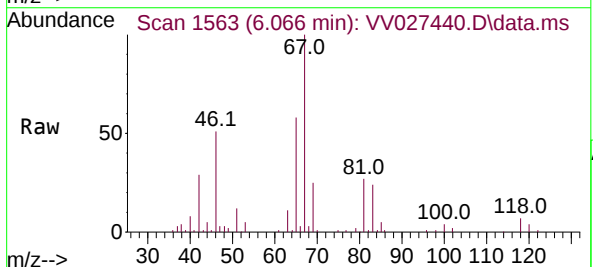
Tgt Ion: 83 Resp: 13628

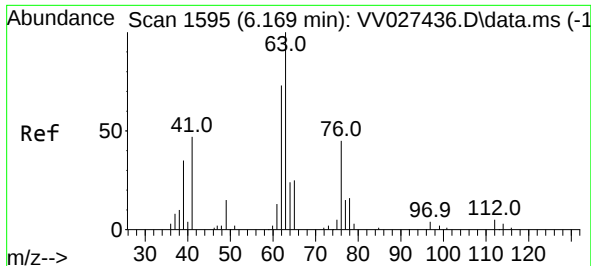
Ion Ratio Lower Upper

83 100

55 0.3 68.2 102.4#

98 1.8 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.544 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV027440.D

Acq: 19 Aug 2022 12:38

Instrument :

MSVOA_V

ClientSampleId :

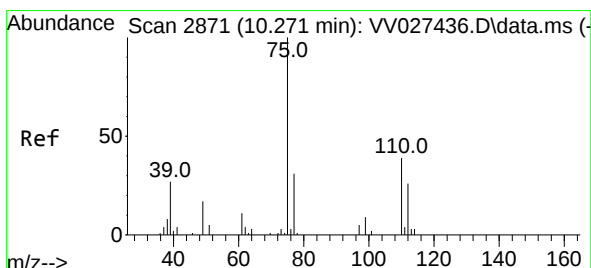
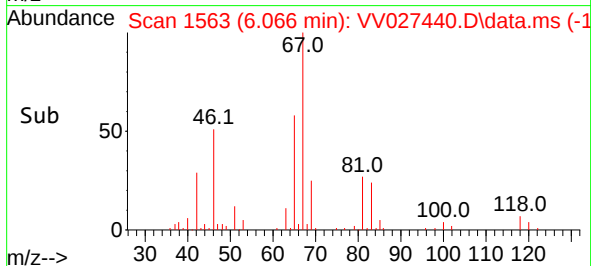
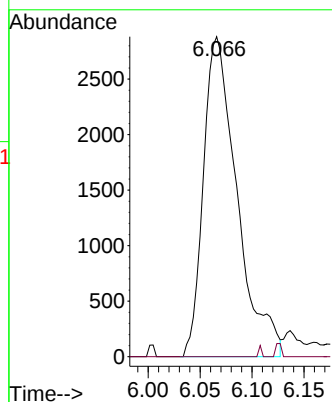
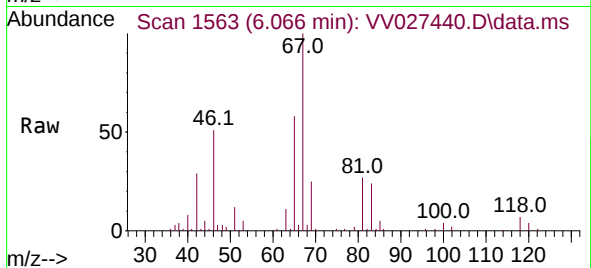
VBLK207

Tgt Ion: 63 Resp: 6476

Ion Ratio Lower Upper

63 100

112 0.3 3.9 5.9#



#61

1,2,3-Trichloropropane

Concen: 1.525 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV027440.D

Acq: 19 Aug 2022 12:38

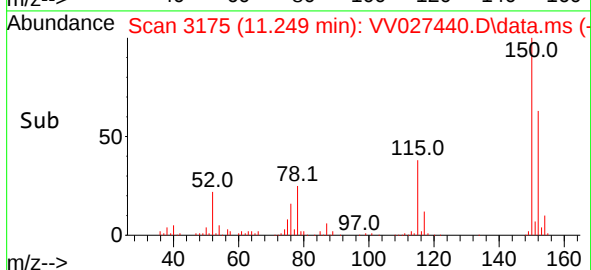
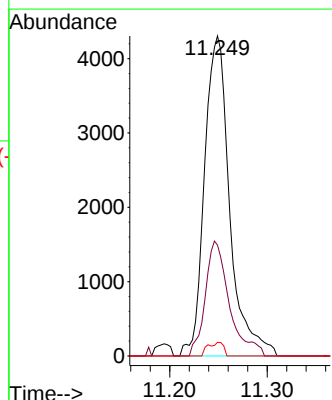
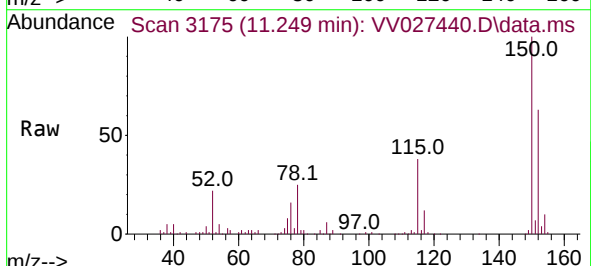
Tgt Ion: 75 Resp: 7739

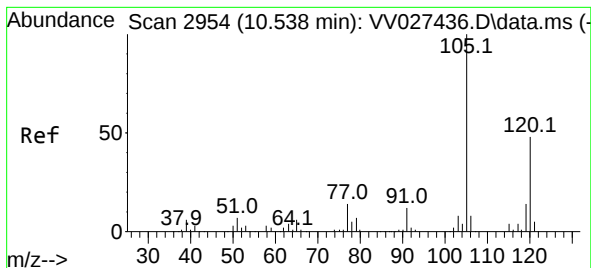
Ion Ratio Lower Upper

75 100

77 34.2 26.2 39.2

110 2.6 29.9 44.9#





#62

1,3,5-Trimethylbenzene

Concen: 0.040 ug/L

RT: 10.548 min Scan# 2954

Delta R.T. 0.010 min

Lab File: VV027440.D

Acq: 19 Aug 2022 12:38

Instrument :

MSVOA_V

ClientSampleId :

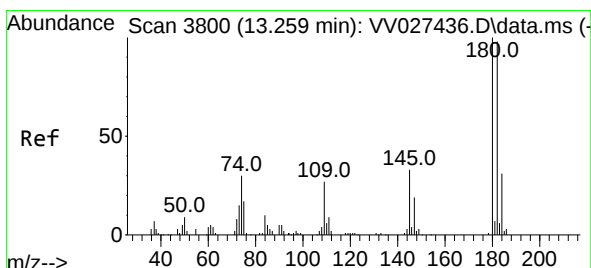
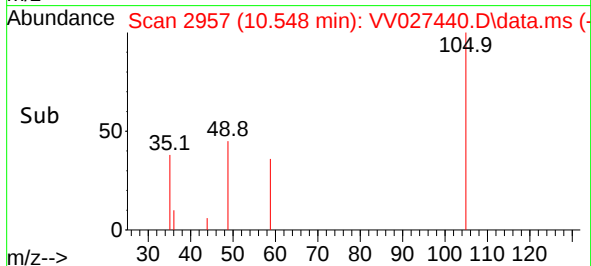
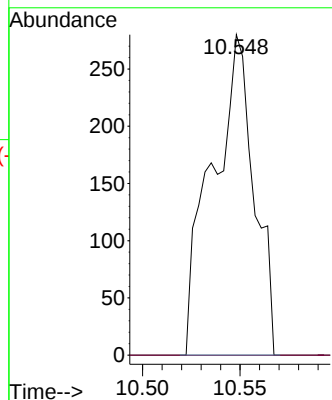
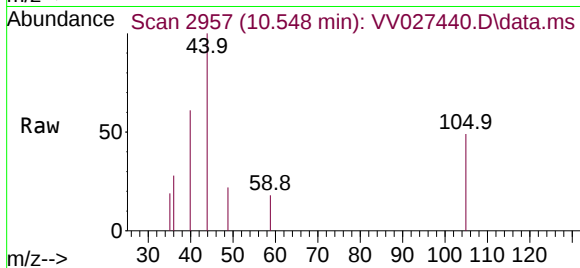
VBLK207

Tgt Ion:105 Resp: 419

Ion Ratio Lower Upper

105 100

120 0.0 38.7 58.1#



#70

1,2,4-trichlorobenzene

Concen: 0.074 ug/L

RT: 13.265 min Scan# 3802

Delta R.T. 0.006 min

Lab File: VV027440.D

Acq: 19 Aug 2022 12:38

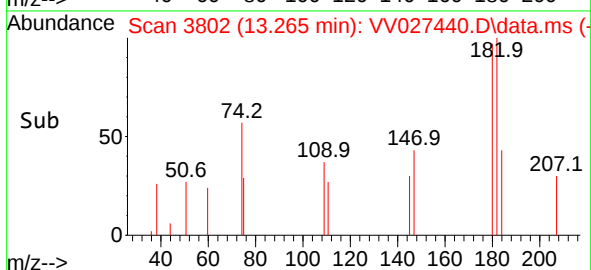
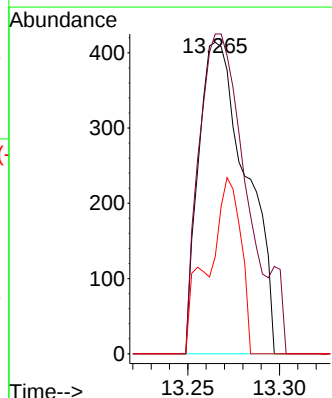
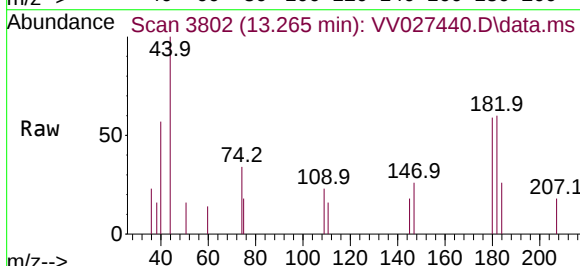
Tgt Ion:180 Resp: 752

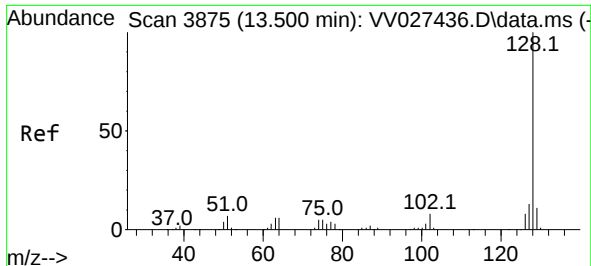
Ion Ratio Lower Upper

180 100

182 103.6 76.0 114.0

145 27.4 24.9 37.3

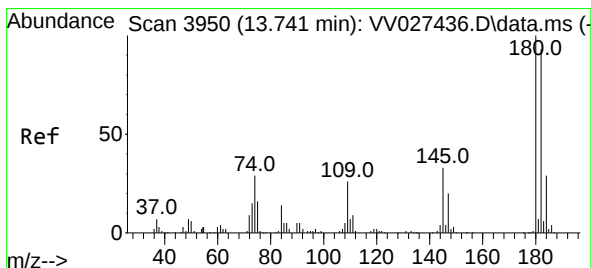
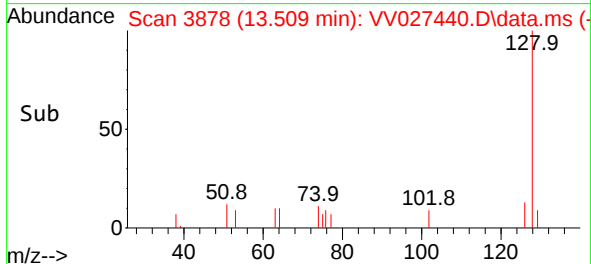
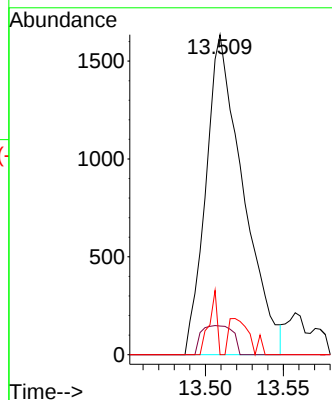
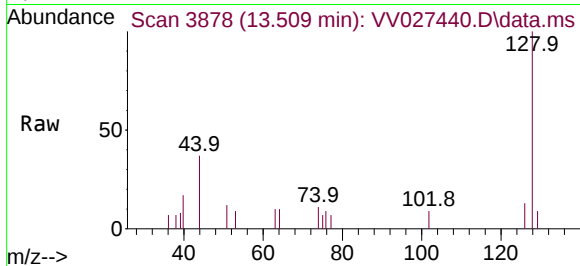




#71
Naphthalene
Concen: 0.193 ug/L
RT: 13.509 min Scan# 31
Delta R.T. 0.010 min
Lab File: VV027440.D
Acq: 19 Aug 2022 12:38

Instrument :
MSVOA_V
ClientSampleId :
VBLK207

Tgt Ion:128 Resp: 2712
Ion Ratio Lower Upper
128 100
129 7.7 8.7 13.1#
127 4.3 10.4 15.6#



#72
1,2,3-Trichlorobenzene
Concen: 0.090 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.006 min
Lab File: VV027440.D
Acq: 19 Aug 2022 12:38

Tgt Ion:180 Resp: 811
Ion Ratio Lower Upper
180 100
182 49.1 75.3 112.9#
145 29.0 26.6 39.8

