

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072722\
 Data File : VW027017.D
 Acq On : 27 Jul 2022 23:06
 Operator : SY/MD
 Sample : N3843-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUF0

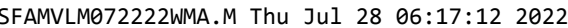
Quant Time: Jul 28 06:17:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 28 02:51:09 2022
 Response via : Initial Calibration

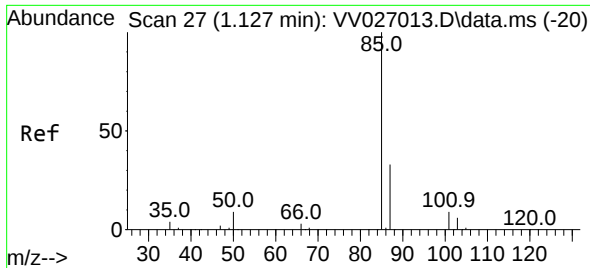
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	488878	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	485759	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	278572	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	213815	52.147	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery	= 104.300%		
7) Chloroethane-d5	1.564	69	173791	52.393	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery	= 104.780%		
11) 1,1-Dichloroethene-d2	2.101	63	281727	38.192	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 76.380%		
21) 2-Butanone-d5	3.889	46	236148	85.444	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery	= 85.440%		
24) Chloroform-d	4.342	84	374586	46.420	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 92.840%		
26) 1,2-Dichloroethane-d4	5.027	65	219175	47.482	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 94.960%		
32) Benzene-d6	5.043	84	776829	52.905	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 105.820%		
36) 1,2-Dichloropropane-d6	6.066	67	244305	51.629	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery	= 103.260%		
41) Toluene-d8	7.313	98	646092	50.290	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 100.580%		
43) trans-1,3-Dichloroprop...	7.619	79	90961	45.876	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 91.760%		
47) 2-Hexanone-d5	8.088	63	208693	101.289	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery	= 101.290%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	361568	50.299	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery	= 100.600%		
66) 1,2-Dichlorobenzene-d4	11.622	152	260877	49.917	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 99.840%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	31116	6.161	ug/L	99
8) Chloroethane	1.378	64	96129	32.585	ug/L #	50
13) Acetone	2.182	43	76197	39.265	ug/L	94
14) Carbon disulfide	2.288	76	10223	0.948	ug/L	97
33) Benzene	5.095	78	344958	22.082	ug/L	100
42) Toluene	7.387	91	176519	11.070	ug/L	99
51) Chlorobenzene	8.879	112	350794	31.562	ug/L	99
52) Ethylbenzene	9.014	91	36852	2.227	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	15728	1.870	ug/L	95
65) 1,4-Dichlorobenzene	11.271	146	41077	4.609	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.381	75	2158	1.445	ug/L #	1
69) 1,3,5-Trichlorobenzene	13.262	180	25368	4.260	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	25368	5.056	ug/L	97
71) Naphthalene	13.503	128	166652	10.563	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	8660	1.655	ug/L	97

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

Quant Time: Jul 28 06:17:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 28 02:51:09 2022
Response via : Initial Calibration

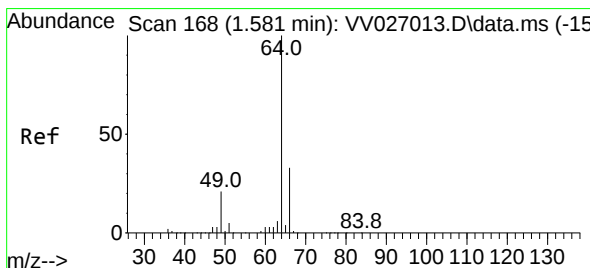
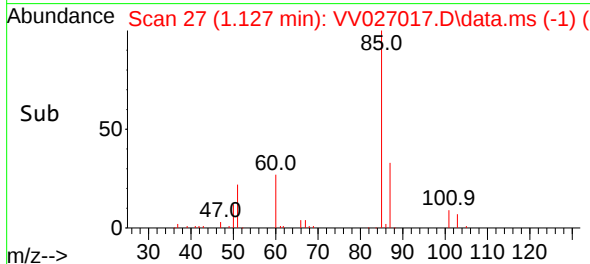
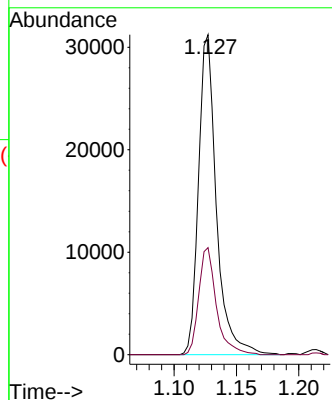
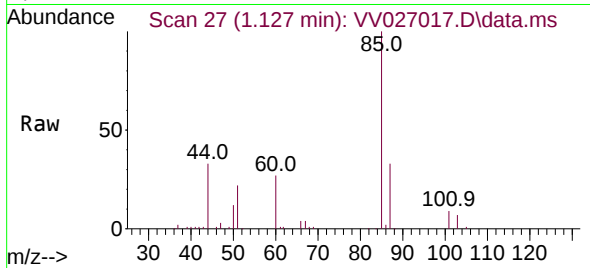




#2
Dichlorodifluoromethane
Concen: 6.161 ug/L
RT: 1.127 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027017.D
Acq: 27 Jul 2022 23:06

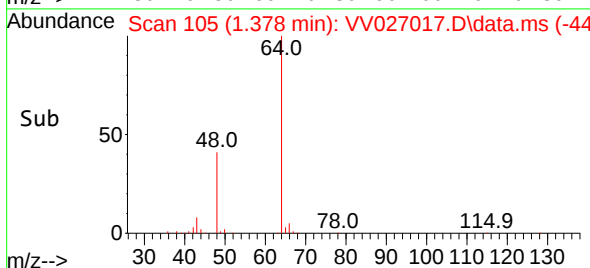
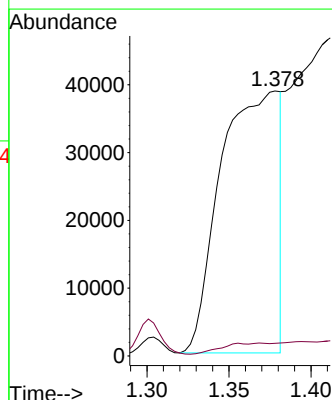
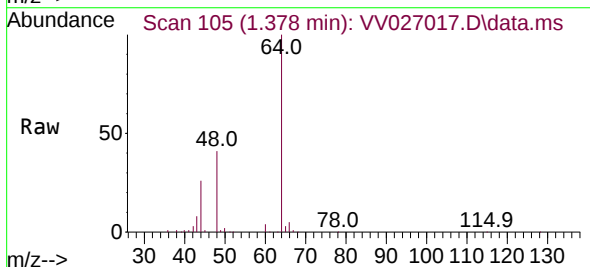
Instrument :
MSVOA_V
ClientSampleId :
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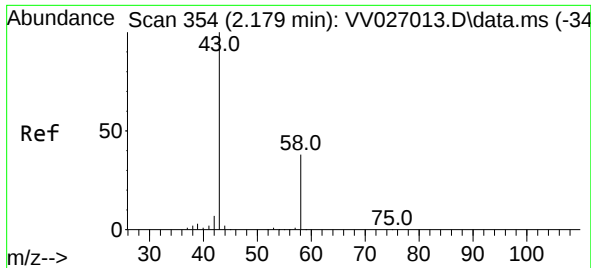
Tgt Ion: 85 Resp: 31116
Ion Ratio Lower Upper
85 100
87 33.1 26.1 39.1



#8
Chloroethane
Concen: 32.585 ug/L
RT: 1.378 min Scan# 105
Delta R.T. -0.203 min
Lab File: VV027017.D
Acq: 27 Jul 2022 23:06

Tgt Ion: 64 Resp: 96129
Ion Ratio Lower Upper
64 100
66 4.8 23.2 43.0#





#13

Acetone

Concen: 39.265 ug/L

RT: 2.182 min Scan# 355

Delta R.T. 0.003 min

Lab File: VV027017.D

Acq: 27 Jul 2022 23:06

Instrument :

MSVOA_V

ClientSampleId :

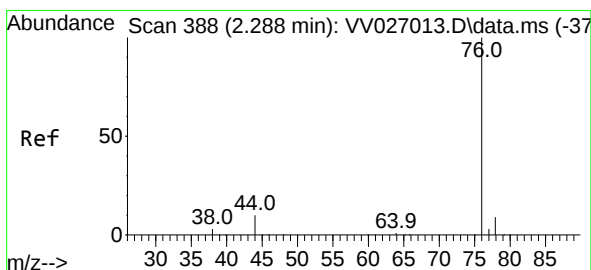
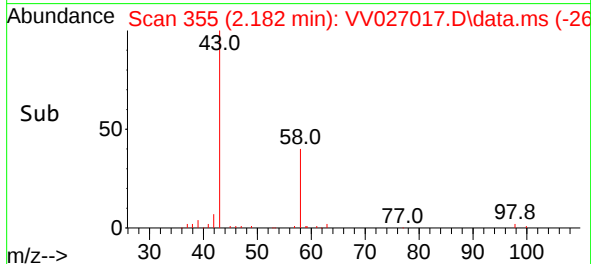
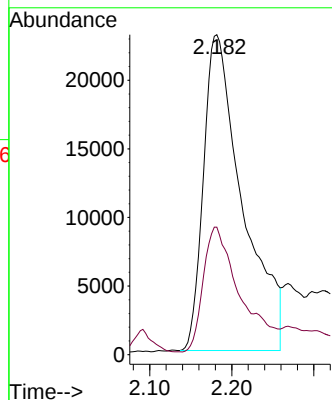
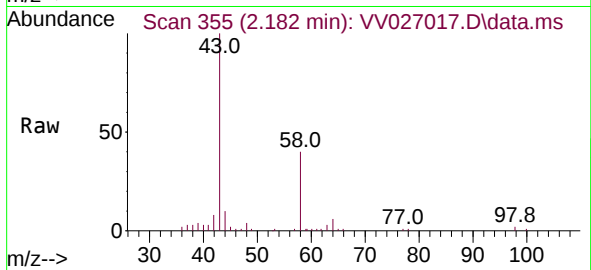
DBUF0

Tgt Ion: 43 Resp: 76197

Ion Ratio Lower Upper

43 100

58 32.6 0.0 72.6



#14

Carbon disulfide

Concen: 0.948 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.000 min

Lab File: VV027017.D

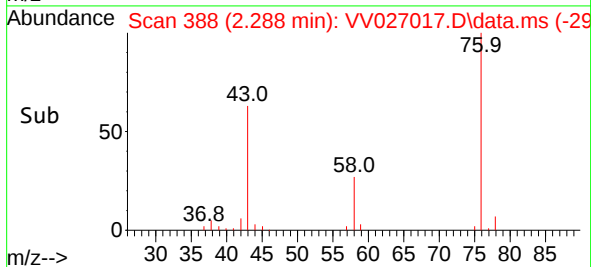
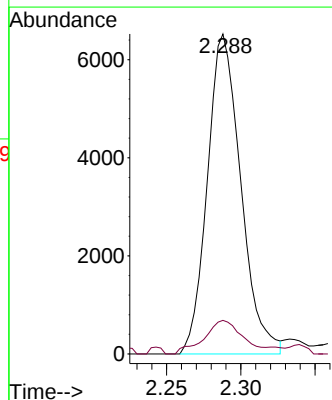
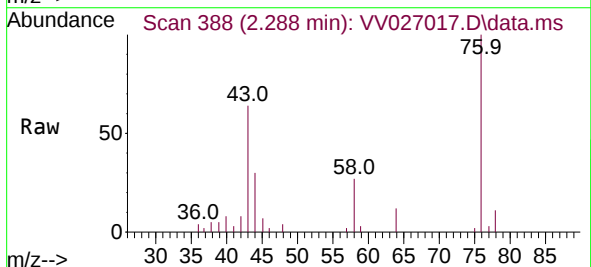
Acq: 27 Jul 2022 23:06

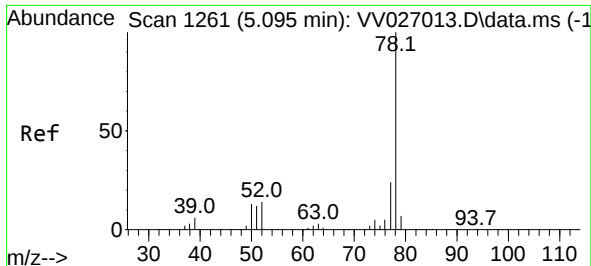
Tgt Ion: 76 Resp: 10223

Ion Ratio Lower Upper

76 100

78 10.5 7.4 11.2

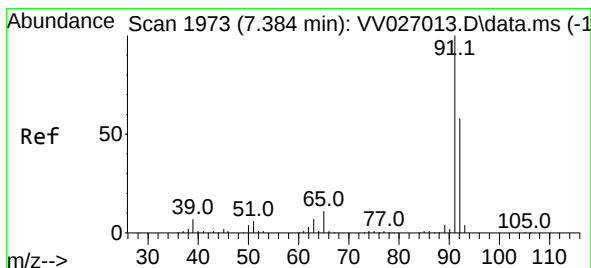
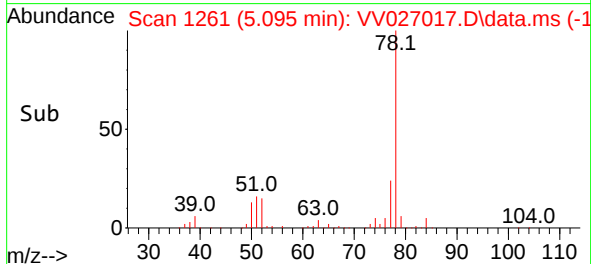
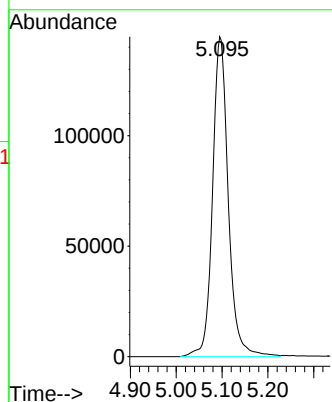
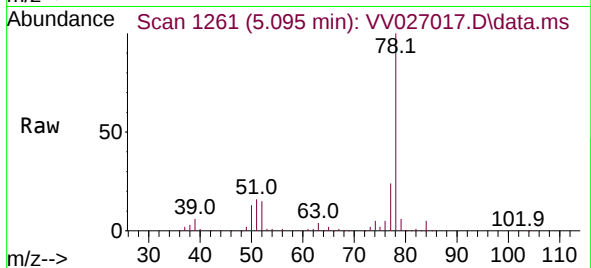




#33
Benzene
Concen: 22.082 ug/L
RT: 5.095 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV027017.D
Acq: 27 Jul 2022 23:06

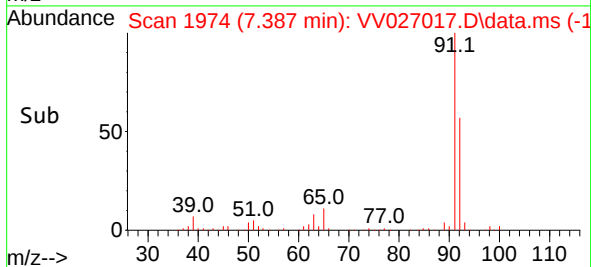
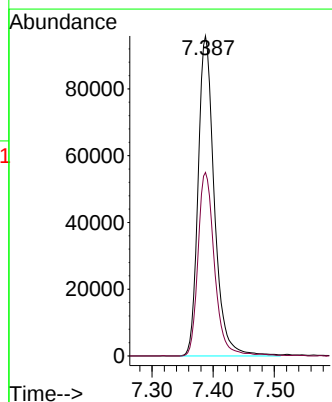
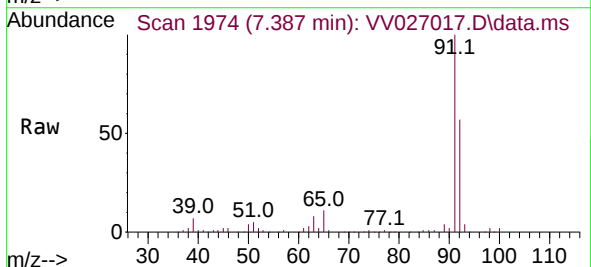
Instrument :
MSVOA_V
ClientSampleId :
DBUF0

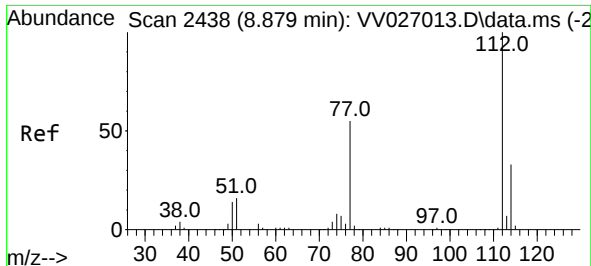
Tgt Ion: 78 Resp: 344958



#42
Toluene
Concen: 11.070 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.003 min
Lab File: VV027017.D
Acq: 27 Jul 2022 23:06

Tgt Ion: 91 Resp: 176519
Ion Ratio Lower Upper
91 100
92 57.3 40.5 75.1

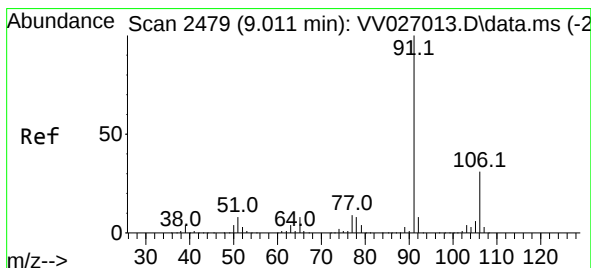
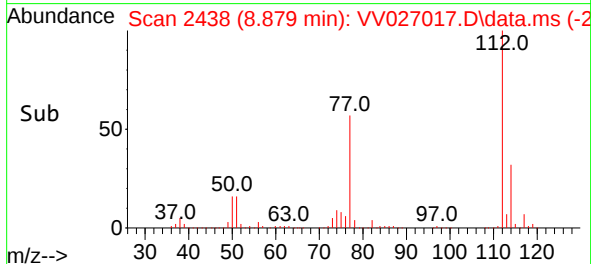
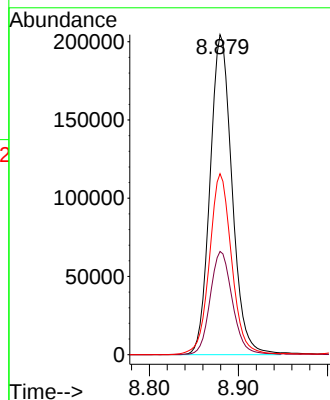
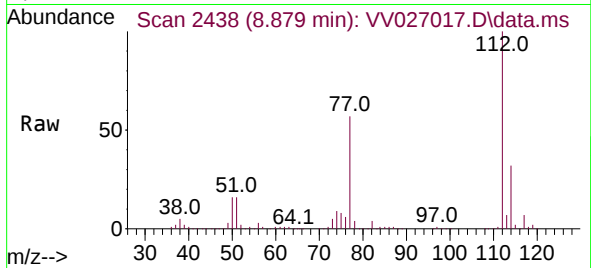




#51
Chlorobenzene
Concen: 31.562 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. -0.000 min
Lab File: VV027017.D
Acq: 27 Jul 2022 23:06

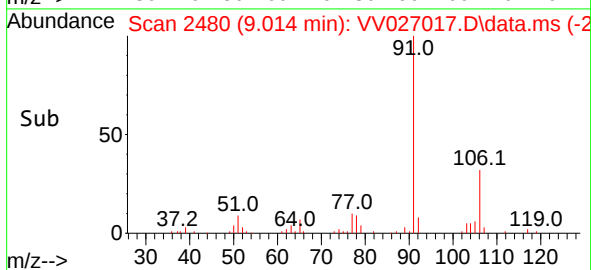
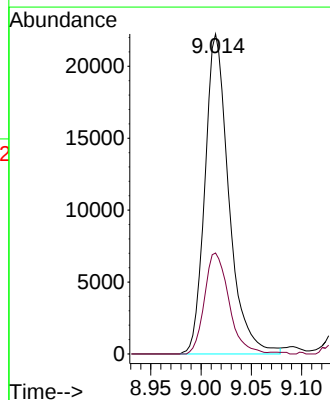
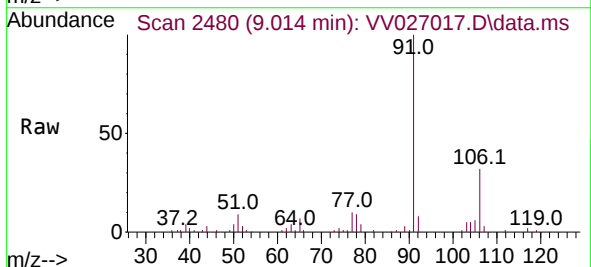
Instrument :
MSVOA_V
ClientSampleId :
DBUF0

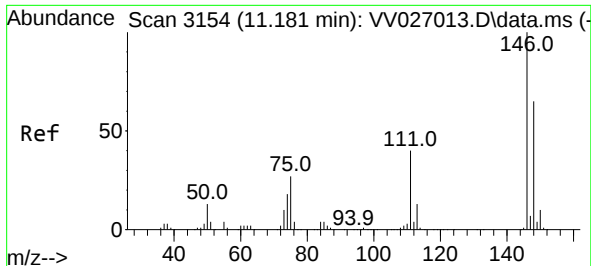
Tgt Ion:112 Resp: 350794
Ion Ratio Lower Upper
112 100
114 32.2 22.7 42.1
77 56.5 44.4 66.6



#52
Ethylbenzene
Concen: 2.227 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV027017.D
Acq: 27 Jul 2022 23:06

Tgt Ion: 91 Resp: 36852
Ion Ratio Lower Upper
91 100
106 31.6 22.0 40.8

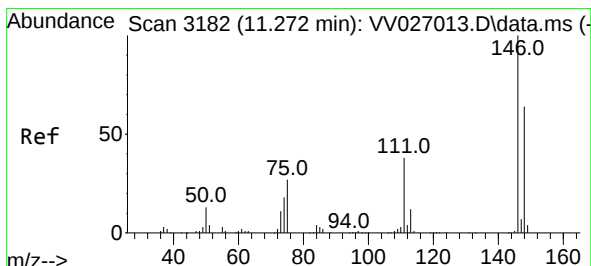
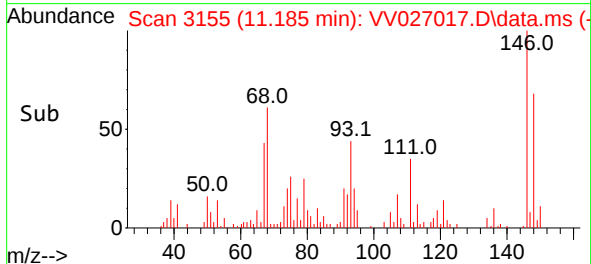
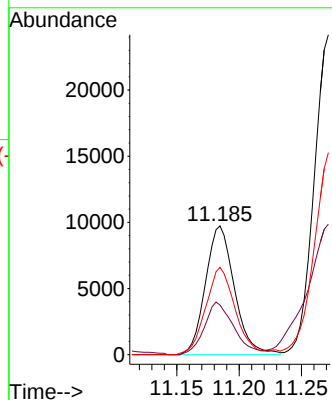
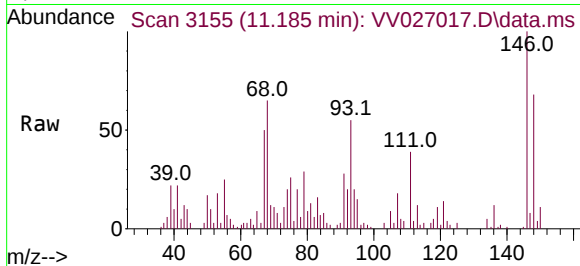




#64
1,3-Dichlorobenzene
Concen: 1.870 ug/L
RT: 11.185 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV027017.D
Acq: 27 Jul 2022 23:06

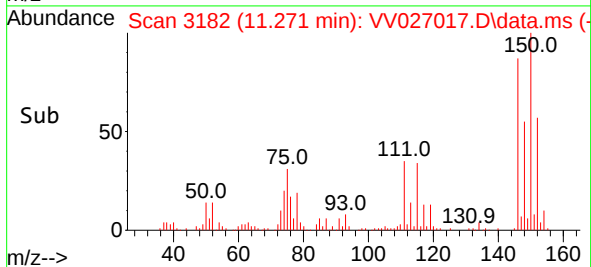
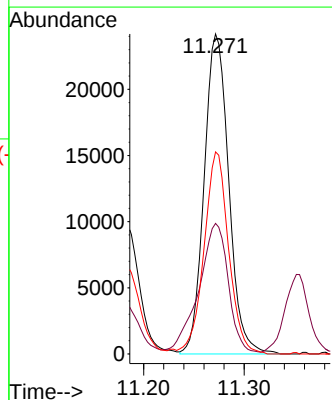
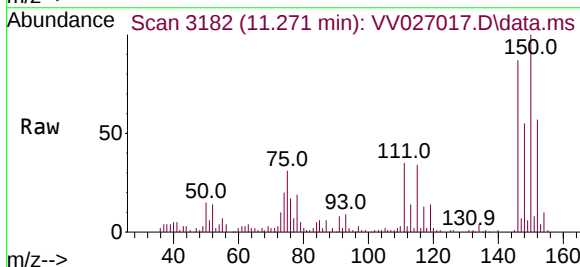
Instrument :
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ClientSampleId :
DBUF0

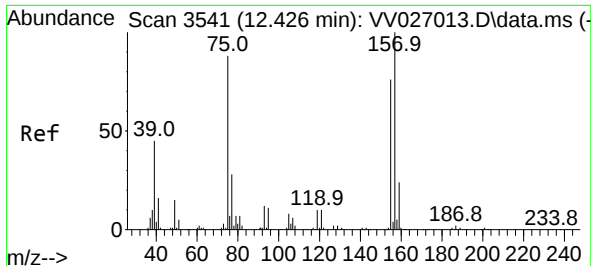
Tgt Ion:146 Resp: 15728
Ion Ratio Lower Upper
146 100
111 38.6 27.9 51.9
148 67.9 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 4.609 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV027017.D
Acq: 27 Jul 2022 23:06

Tgt Ion:146 Resp: 41077
Ion Ratio Lower Upper
146 100
111 40.8 27.4 51.0
148 63.1 44.4 82.4





#68

1,2-Dibromo-3-chloropropane

Concen: 1.445 ug/L

RT: 12.381 min Scan# 3

Delta R.T. -0.045 min

Lab File: VV027017.D

Acq: 27 Jul 2022 23:06

Instrument :

MSVOA_V

ClientSampleId :

DBUF0

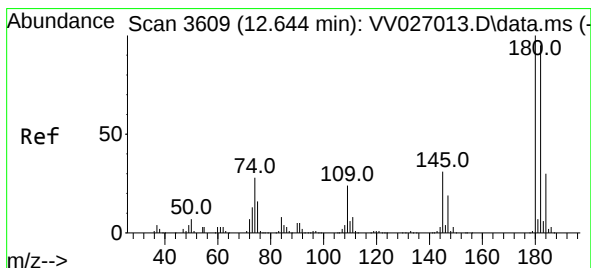
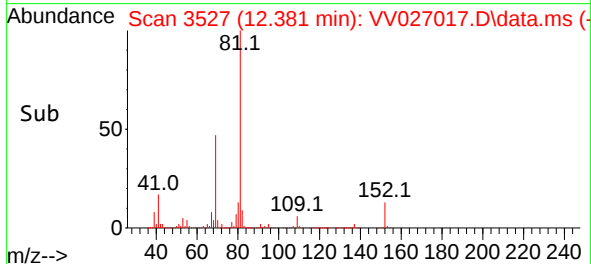
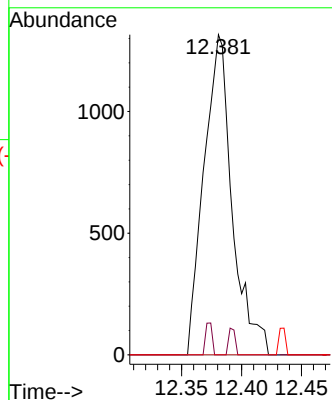
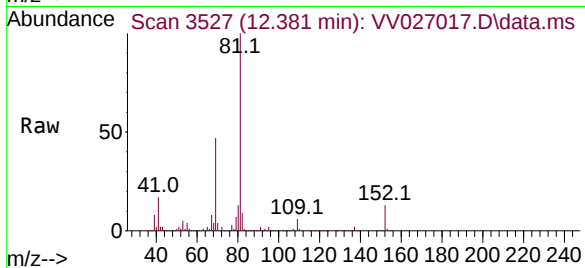
Tgt Ion: 75 Resp: 2158

Ion Ratio Lower Upper

75 100

155 0.0 67.7 101.5#

157 0.0 87.1 130.7#



#69

1,3,5-Trichlorobenzene

Concen: 4.260 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.617 min

Lab File: VV027017.D

Acq: 27 Jul 2022 23:06

Tgt Ion:180 Resp: 25368

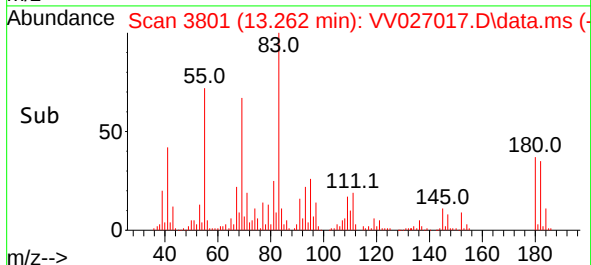
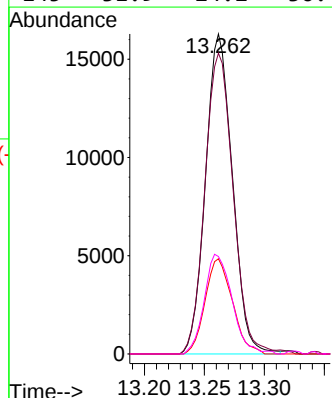
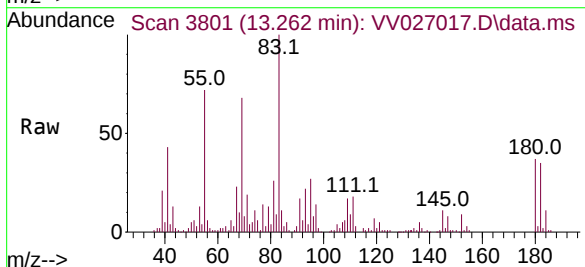
Ion Ratio Lower Upper

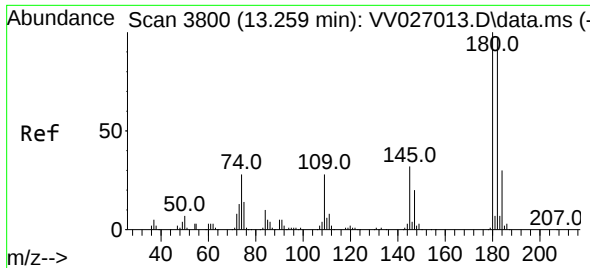
180 100

182 98.4 75.6 113.4

184 30.1 23.8 35.8

145 31.9 24.2 36.4

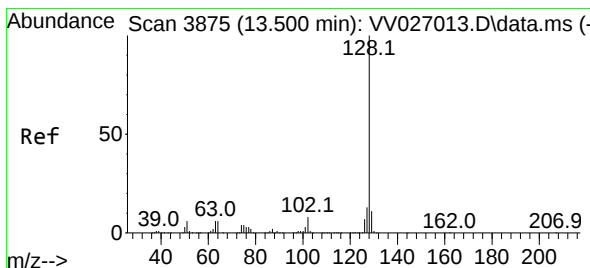
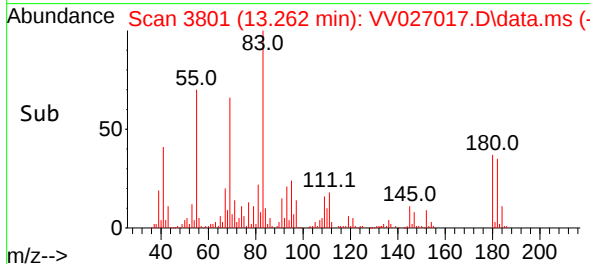
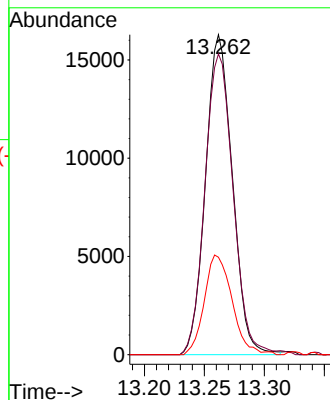
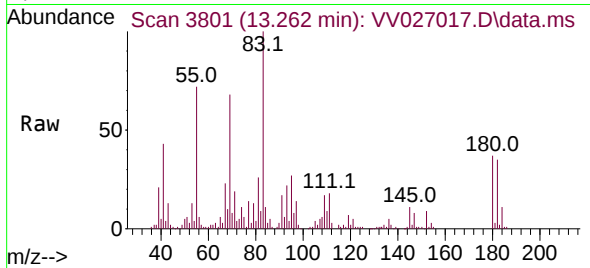




#70
1,2,4-trichlorobenzene
Concen: 5.056 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV027017.D
Acq: 27 Jul 2022 23:06

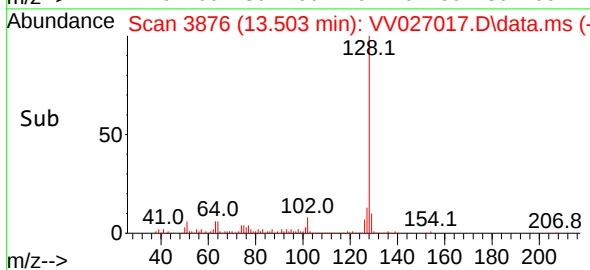
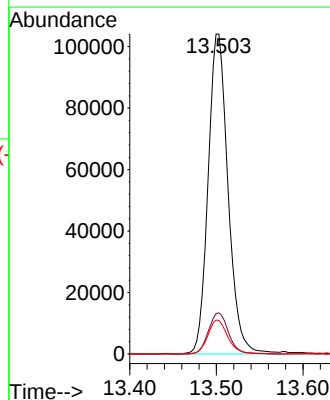
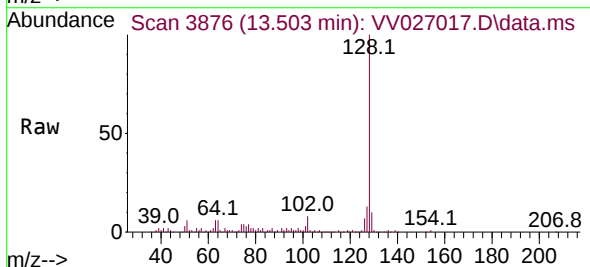
Instrument :
MSVOA_V
ClientSampleId :
DBUF0

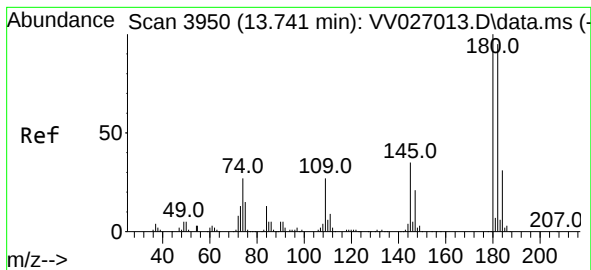
Tgt Ion:180	Resp:	25368
Ion Ratio	Lower	Upper
180	100	
182	98.4	76.2 114.4
145	31.9	25.0 37.6



#71
Naphthalene
Concen: 10.563 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.003 min
Lab File: VV027017.D
Acq: 27 Jul 2022 23:06

Tgt Ion:128	Resp:	166652
Ion Ratio	Lower	Upper
128	100	
127	12.9	10.4 15.6
129	10.6	8.6 13.0





#72

1,2,3-Trichlorobenzene

Concen: 1.655 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.003 min

Lab File: VV027017.D

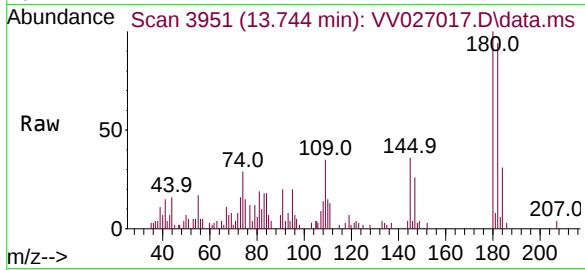
Acq: 27 Jul 2022 23:06

Instrument :

MSVOA_V

ClientSampleId :

DBUF0



Tgt Ion:180 Resp: 8660

Ion Ratio Lower Upper

180 100

182 96.6 75.4 113.2

145 29.8 26.6 40.0

