

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072922\
 Data File : VW027098.D
 Acq On : 29 Jul 2022 20:36
 Operator : SY/MD
 Sample : N3899-06MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUR4MS

Quant Time: Jul 30 00:10:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 30 00:04:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	540636	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	539282	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	300937	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	233787	45.453	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.900%
7) Chloroethane-d5	1.561	69	198791	48.780	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.560%
11) 1,1-Dichloroethene-d2	2.101	63	423510	48.365	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.740%
21) 2-Butanone-d5	3.886	46	278418	94.931	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.930%
24) Chloroform-d	4.342	84	465899	50.293	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.580%
26) 1,2-Dichloroethane-d4	5.027	65	268986	51.151	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.300%
32) Benzene-d6	5.043	84	919008	48.528	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.060%
36) 1,2-Dichloropropane-d6	6.066	67	287959	49.680	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.360%
41) Toluene-d8	7.313	98	847074	49.487	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.980%
43) trans-1,3-Dichloroprop...	7.619	79	123781	48.344	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.680%
47) 2-Hexanone-d5	8.088	63	258908	103.906	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.910%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	444914	50.909	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.820%
66) 1,2-Dichlorobenzene-d4	11.622	152	319148	47.176	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	300245	53.511	ug/L	99
3) Chloromethane	1.236	50	280629	54.697	ug/L	99
5) Vinyl chloride	1.307	62	295777	54.349	ug/L	98
6) Bromomethane	1.516	94	170884	51.129	ug/L	99
8) Chloroethane	1.580	64	175766	55.007	ug/L	98
9) Trichlorofluoromethane	1.748	101	379205	54.313	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	214411	53.197	ug/L	98
12) 1,1-Dichloroethene	2.111	96	214722	54.525	ug/L	99
13) Acetone	2.178	43	199879	92.015	ug/L	96
14) Carbon disulfide	2.288	76	637803	51.050	ug/L	100
15) Methyl Acetate	2.429	43	175105	48.506	ug/L	98
16) Methylene chloride	2.500	84	259710	51.738	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	228969	53.108	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	650563	54.936	ug/L	100
19) 1,1-Dichloroethane	3.182	63	415524	55.191	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	239684	53.760	ug/L	99
22) 2-Butanone	3.973	43	241827	100.910	ug/L	90
23) Bromochloromethane	4.243	128	136454	56.816	ug/L	99
25) Chloroform	4.368	83	431914	54.414	ug/L	100

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 Response via : Initial Calibration

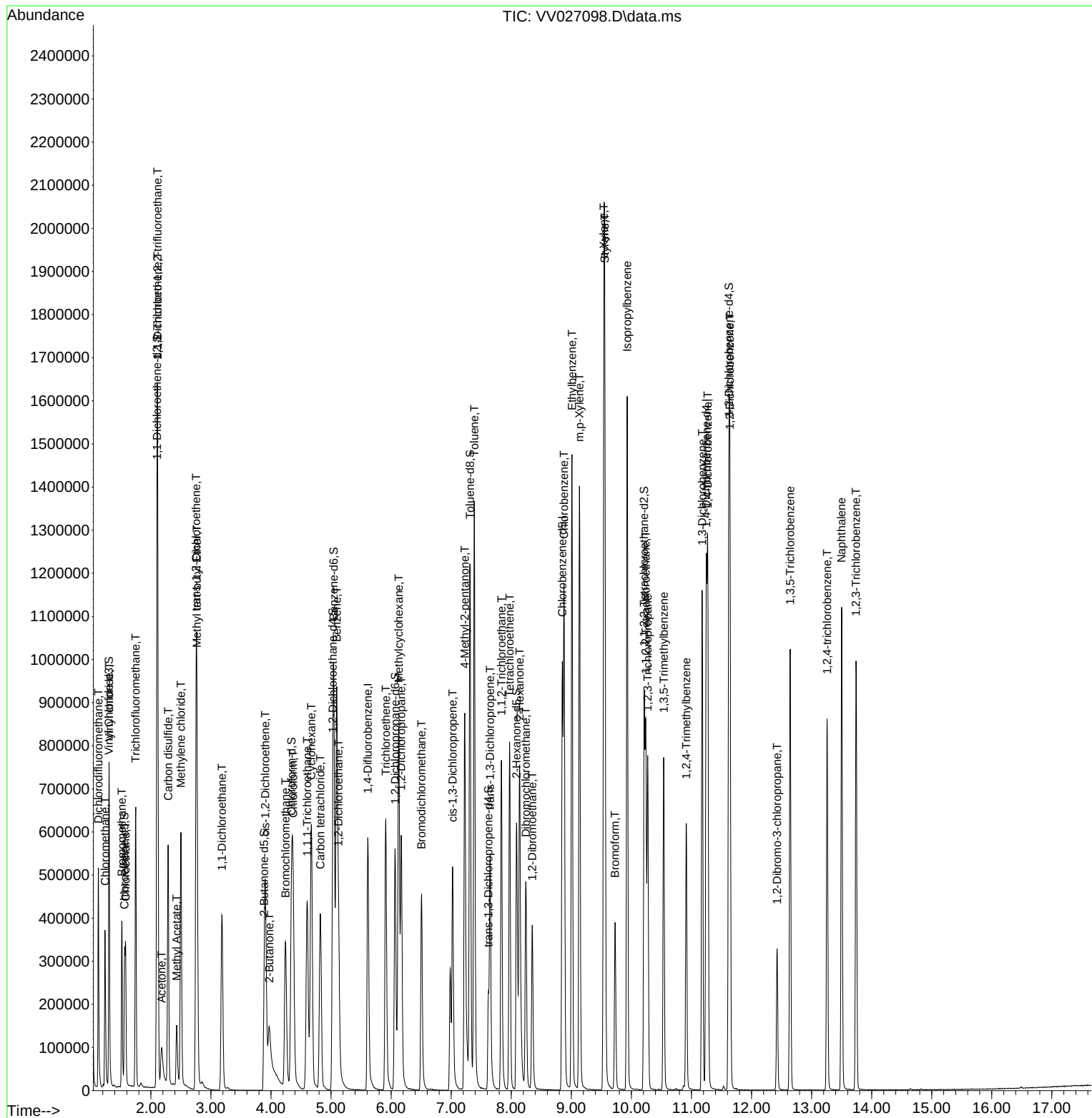
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27) 1,2-Dichloroethane	5.124	62	302529	55.387	ug/L	100
29) Cyclohexane	4.670	56	322336	55.631	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	369194	53.339	ug/L	99
31) Carbon tetrachloride	4.821	117	329180	54.630	ug/L	98
33) Benzene	5.095	78	972060	55.932	ug/L	100
34) Trichloroethene	5.911	95	232592	51.999	ug/L	98
35) Methylcyclohexane	6.127	83	360820	54.071	ug/L	99
37) 1,2-Dichloropropane	6.169	63	247815	56.974	ug/L	100
38) Bromodichloromethane	6.506	83	318999	55.216	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	343490	55.048	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	629884	114.493	ug/L	99
42) Toluene	7.384	91	1019474	56.894	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	330697	54.513	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	255540	54.875	ug/L	99
46) Tetrachloroethene	7.972	164	185033	52.887	ug/L	99
48) 2-Hexanone	8.140	43	503388	116.109	ug/L	99
49) Dibromochloromethane	8.243	129	262682	54.850	ug/L	97
50) 1,2-Dibromoethane	8.349	107	264048	54.073	ug/L	99
51) Chlorobenzene	8.879	112	651762	53.934	ug/L	99
52) Ethylbenzene	9.011	91	1021888	56.322	ug/L	98
53) m,p-Xylene	9.136	106	407861	57.151	ug/L	97
54) o-Xylene	9.542	106	400969	58.343	ug/L	99
55) Styrene	9.558	104	721199	59.960	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	416670	55.497	ug/L	100
59) Bromoform	9.728	173	176605	51.662	ug/L	100
60) Isopropylbenzene	9.931	105	1018174	54.217	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	321285	50.905	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	417571	51.950	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	339340	52.903	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	476801	52.300	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	495113	51.537	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	505478	53.092	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	81941	49.519	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	311502	50.377	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	261708	49.450	ug/L	100
71) Naphthalene	13.500	128	881668	47.877	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	296697	51.686	ug/L	99

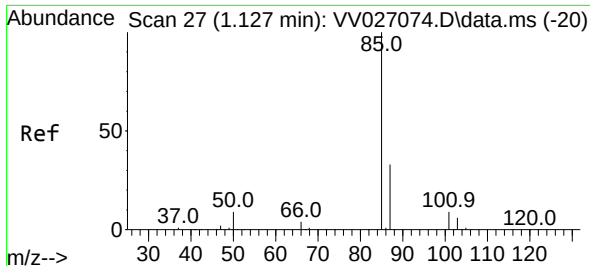
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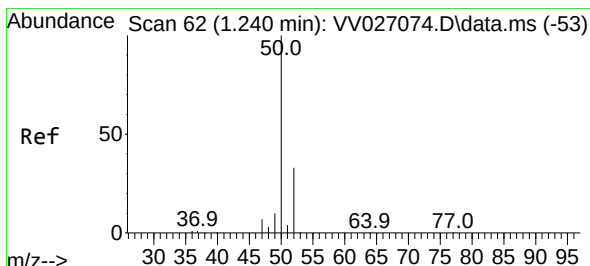
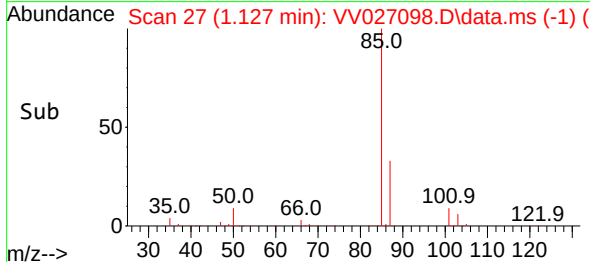
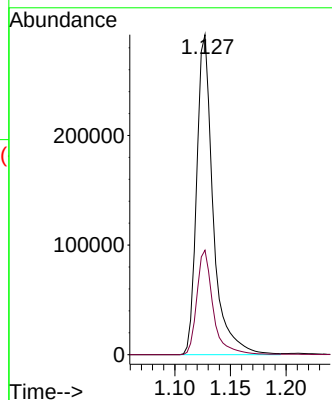
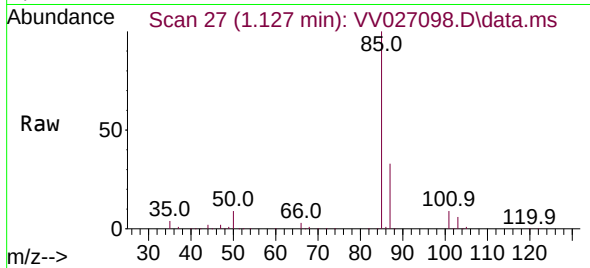




#2
 Dichlorodifluoromethane
 Concen: 53.511 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV027098.D
 Acq: 29 Jul 2022 20:36

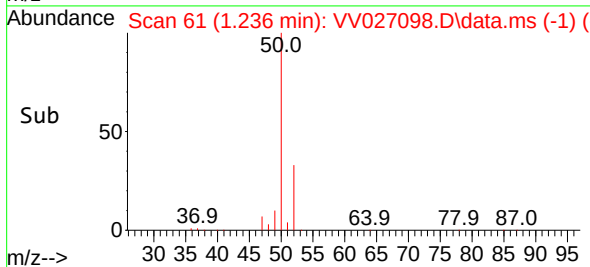
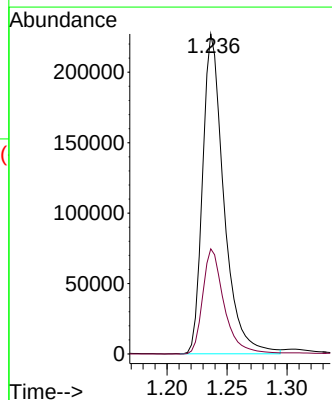
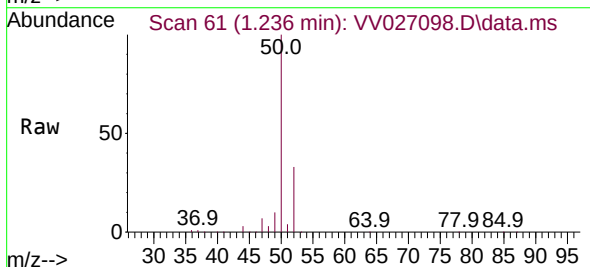
Instrument :
 MSVOA_V
 ClientSampleId :
 DBUR4MS

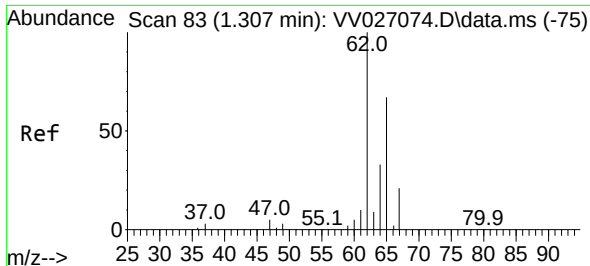
Tgt Ion: 85 Resp: 300245
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.1 39.1



#3
 Chloromethane
 Concen: 54.697 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV027098.D
 Acq: 29 Jul 2022 20:36

Tgt Ion: 50 Resp: 280629
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.5 43.7

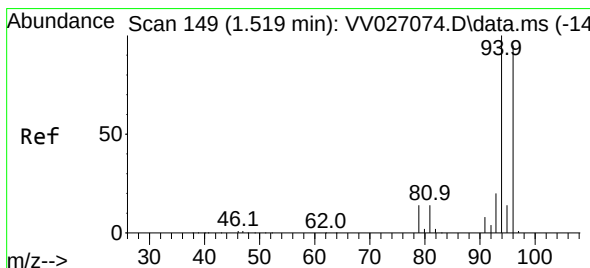
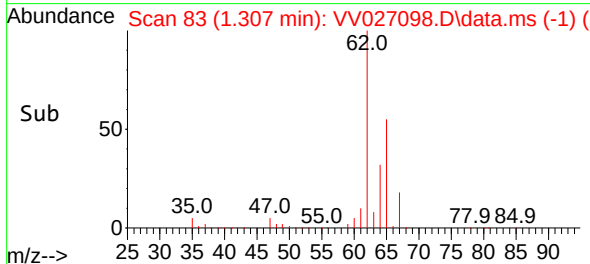
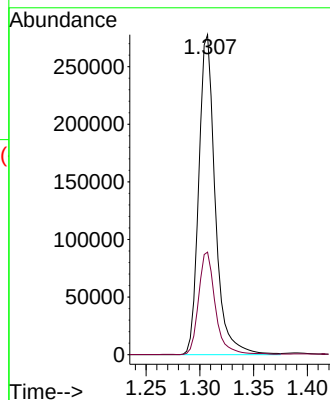
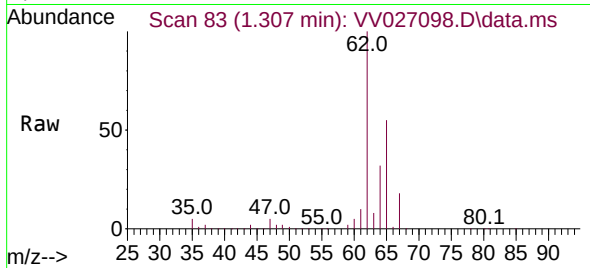




#5
 Vinyl chloride
 Concen: 54.349 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV027098.D
 Acq: 29 Jul 2022 20:36

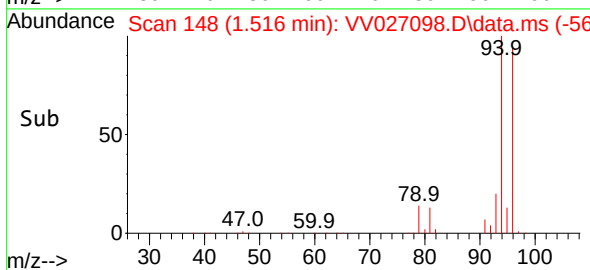
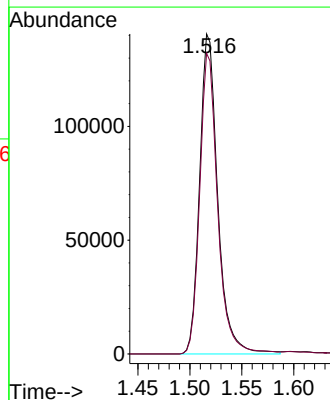
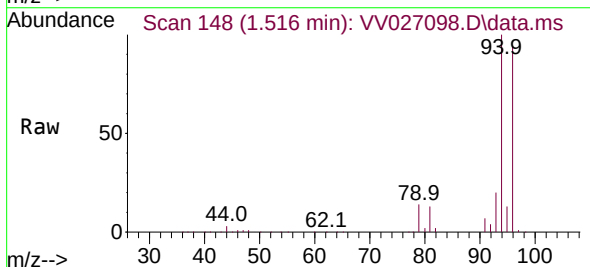
Instrument :
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 ClientSampleId :
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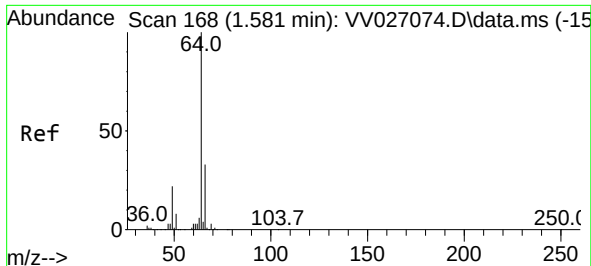
Tgt Ion: 62 Resp: 295777
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.2 43.2



#6
 Bromomethane
 Concen: 51.129 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.003 min
 Lab File: VV027098.D
 Acq: 29 Jul 2022 20:36

Tgt Ion: 94 Resp: 170884
 Ion Ratio Lower Upper
 94 100
 96 93.9 66.1 122.8

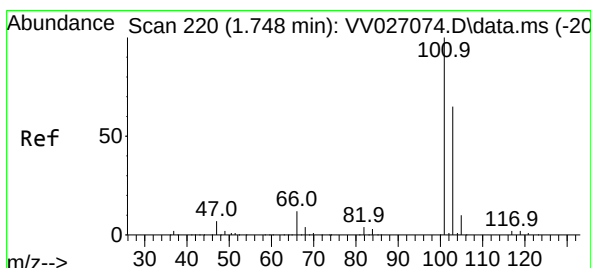
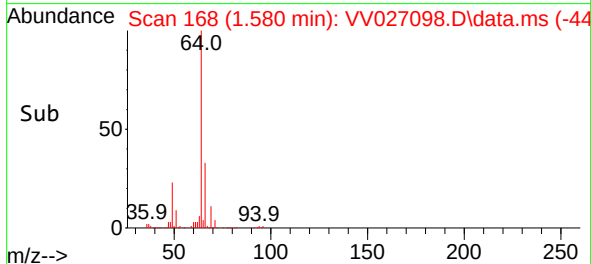
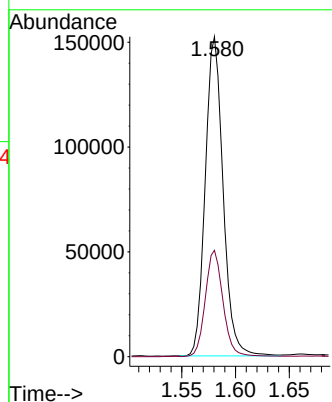
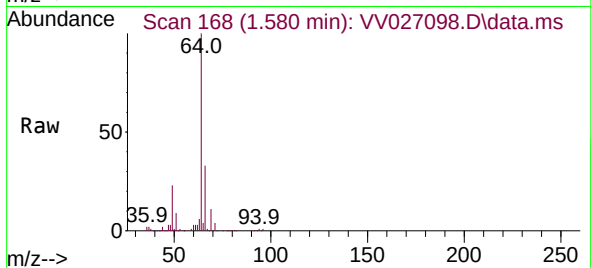




#8
Chloroethane
Concen: 55.007 ug/L
RT: 1.580 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV027098.D
Acq: 29 Jul 2022 20:36

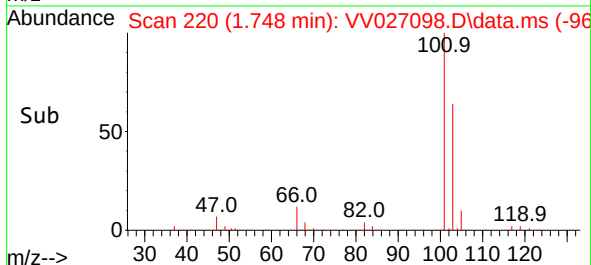
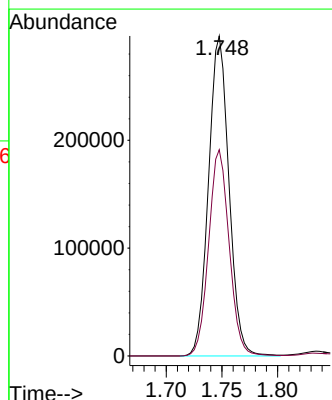
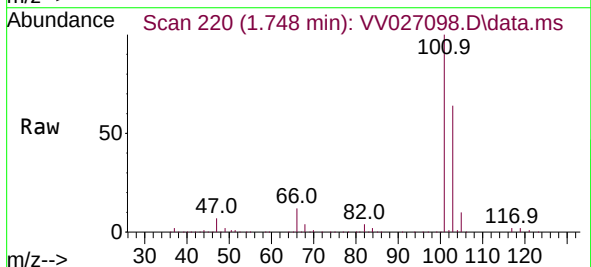
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MSVOA_V
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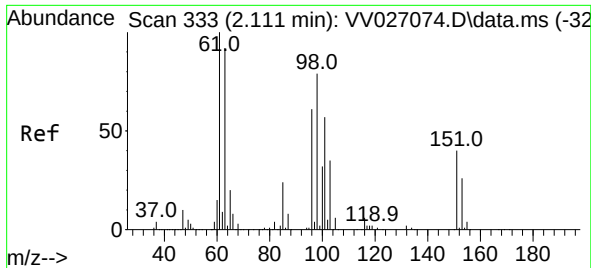
Tgt Ion: 64 Resp: 175766
Ion Ratio Lower Upper
64 100
66 33.3 22.4 41.6



#9
Trichlorofluoromethane
Concen: 54.313 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV027098.D
Acq: 29 Jul 2022 20:36

Tgt Ion:101 Resp: 379205
Ion Ratio Lower Upper
101 100
103 64.7 52.4 78.6

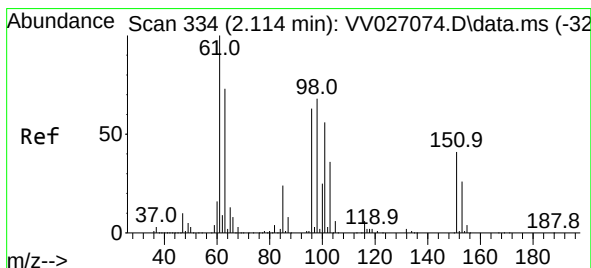
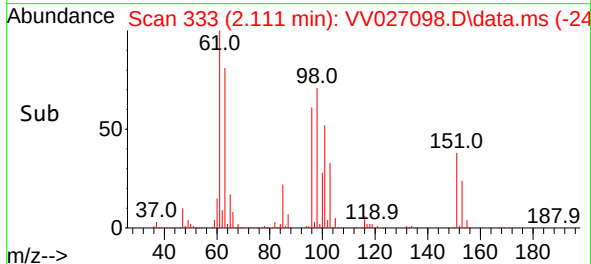
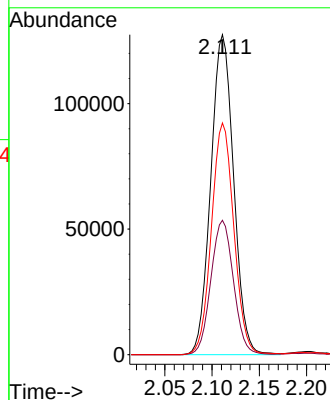
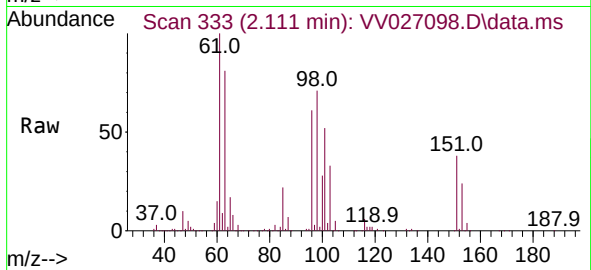




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 53.197 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV027098.D
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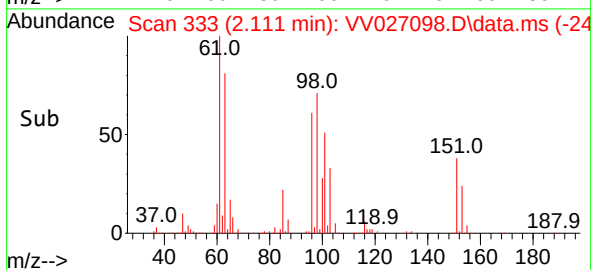
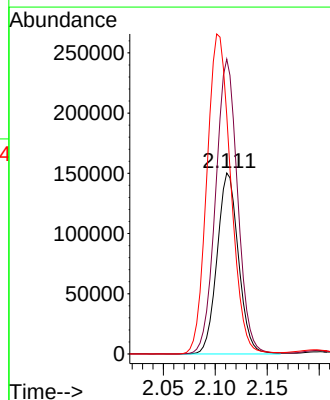
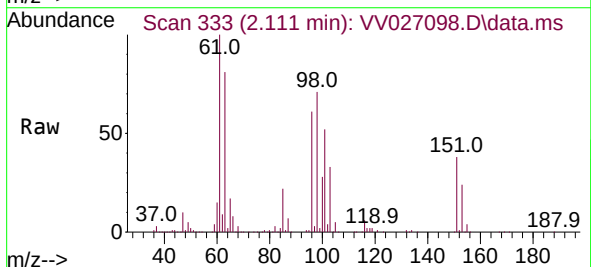
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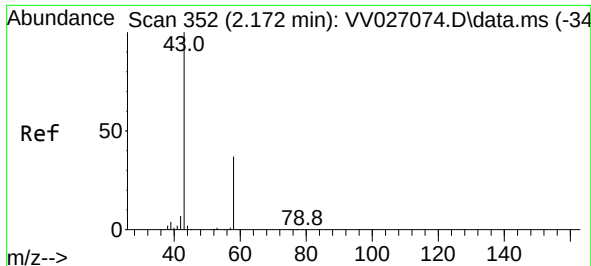
Tgt Ion:101 Resp: 214411
 Ion Ratio Lower Upper
 101 100
 85 41.5 34.1 51.1
 151 71.1 57.8 86.8



#12
 1,1-Dichloroethene
 Concen: 54.525 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV027098.D
 Acq: 29 Jul 2022 20:36

Tgt Ion: 96 Resp: 214722
 Ion Ratio Lower Upper
 96 100
 61 162.9 114.3 212.3
 63 131.8 93.4 173.4





#13

Acetone

Concen: 92.015 ug/L

RT: 2.178 min Scan# 352

Delta R.T. 0.006 min

Lab File: VV027098.D

Acq: 29 Jul 2022 20:36

Instrument :

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ClientSampleId :

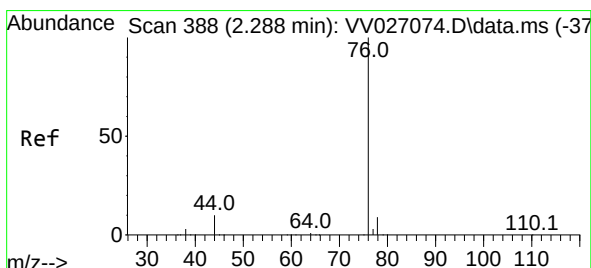
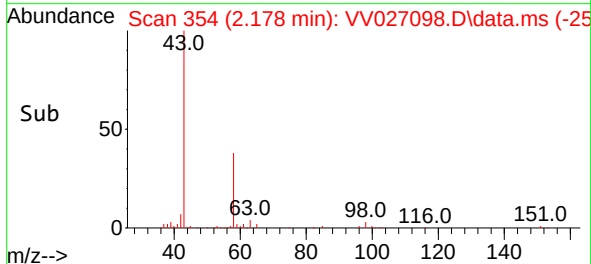
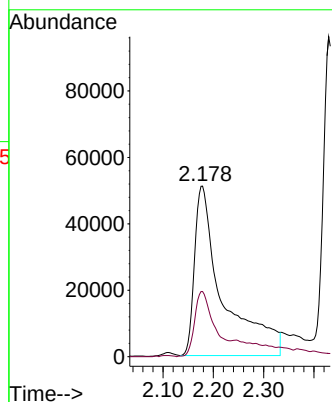
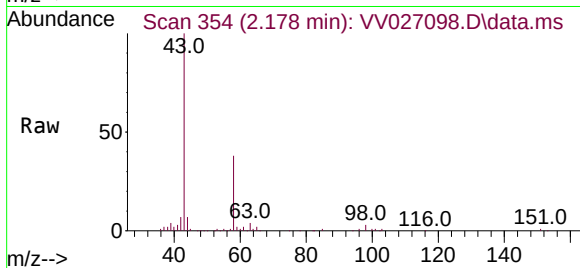
DBUR4MS

Tgt Ion: 43 Resp: 199879

Ion Ratio Lower Upper

43 100

58 26.6 0.0 49.6



#14

Carbon disulfide

Concen: 51.050 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.000 min

Lab File: VV027098.D

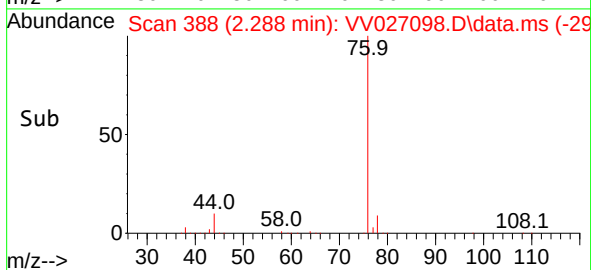
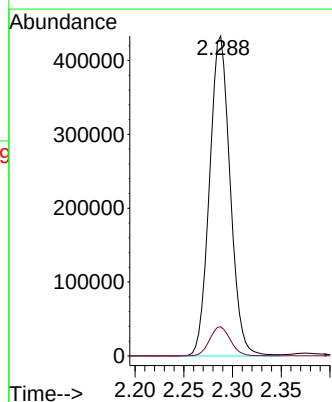
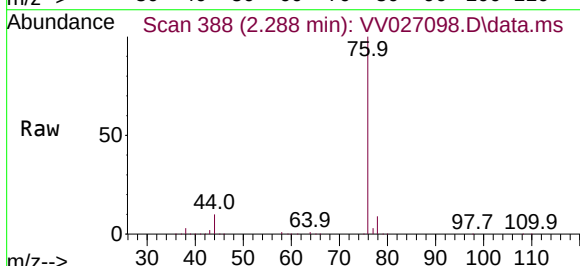
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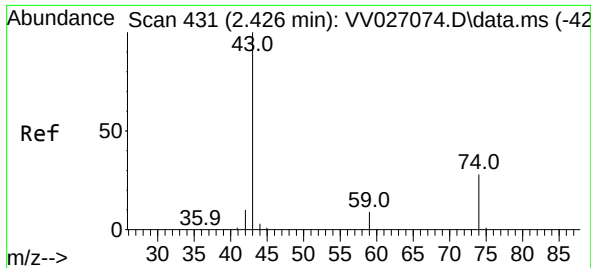
Tgt Ion: 76 Resp: 637803

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

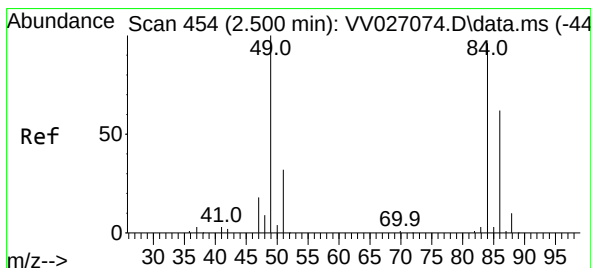
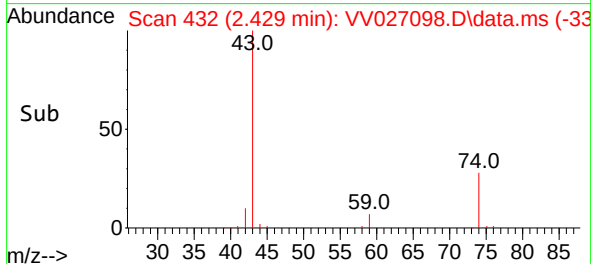
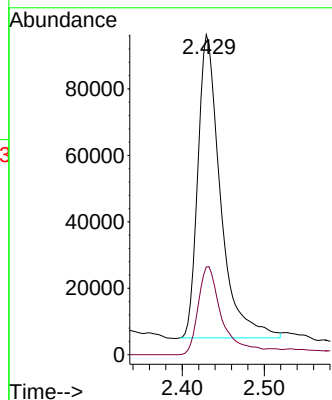
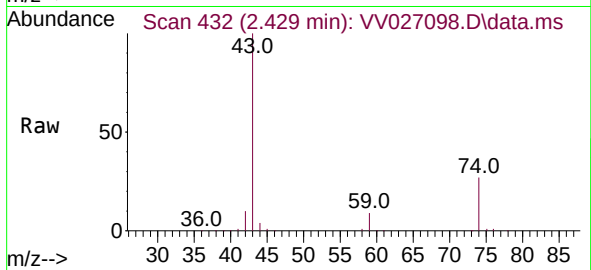




#15
Methyl Acetate
Concen: 48.506 ug/L
RT: 2.429 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV027098.D
Acq: 29 Jul 2022 20:36

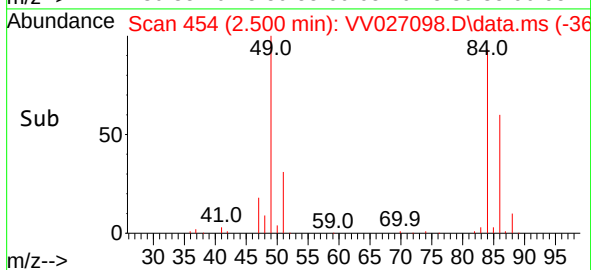
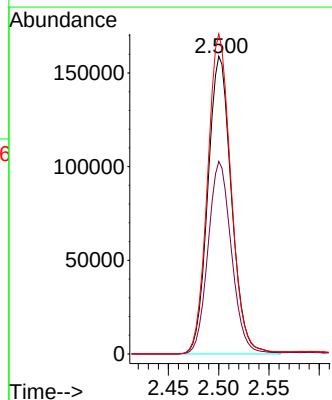
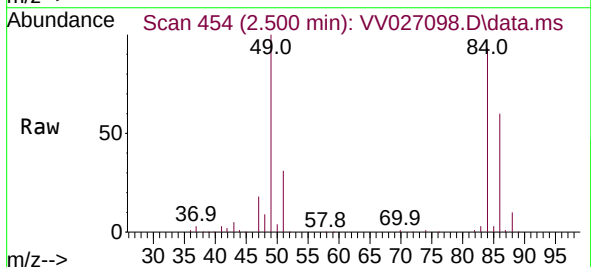
Instrument :
MSVOA_V
ClientSampleId :
DBUR4MS

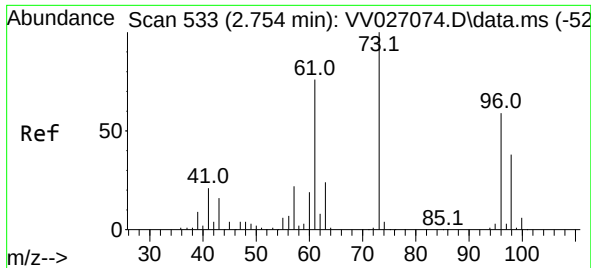
Tgt Ion: 43 Resp: 175105
Ion Ratio Lower Upper
43 100
74 30.8 25.5 38.3



#16
Methylene chloride
Concen: 51.738 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV027098.D
Acq: 29 Jul 2022 20:36

Tgt Ion: 84 Resp: 259710
Ion Ratio Lower Upper
84 100
86 64.6 45.0 83.6
49 107.4 74.1 137.7

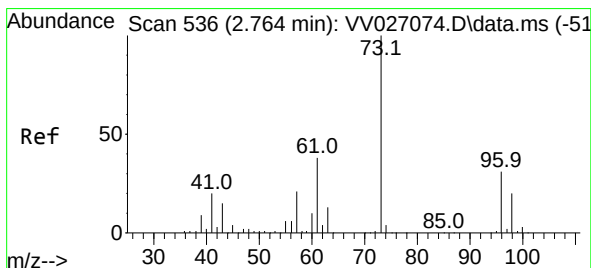
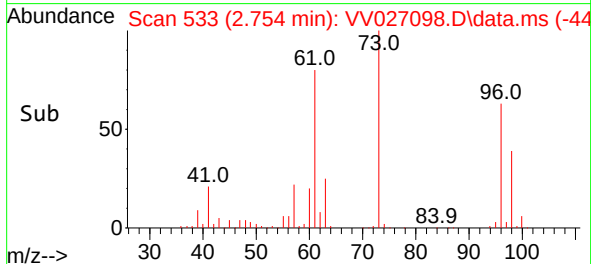
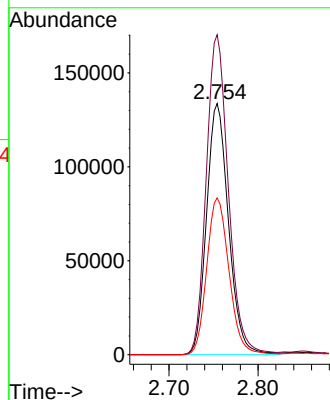
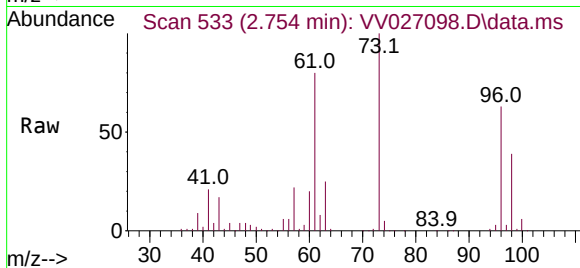




#17
trans-1,2-Dichloroethene
Concen: 53.108 ug/L
RT: 2.754 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV027098.D
Acq: 29 Jul 2022 20:36

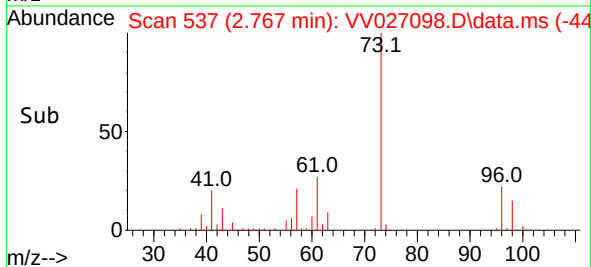
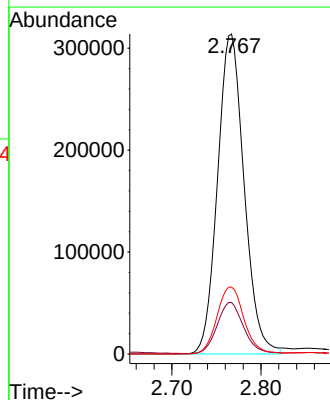
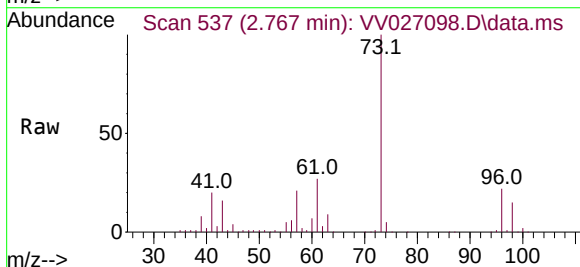
Instrument :
MSVOA_V
ClientSampleId :
DBUR4MS

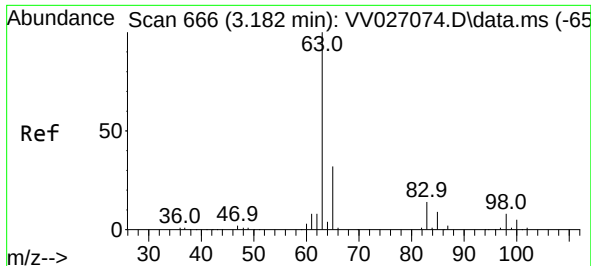
Tgt Ion: 96 Resp: 228969
Ion Ratio Lower Upper
96 100
61 127.4 89.2 165.6
98 62.4 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 54.936 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV027098.D
Acq: 29 Jul 2022 20:36

Tgt Ion: 73 Resp: 650563
Ion Ratio Lower Upper
73 100
43 15.8 12.6 18.8
57 21.4 17.3 25.9





#19

1,1-Dichloroethane

Concen: 55.191 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV027098.D

Acq: 29 Jul 2022 20:36

Instrument :

MSVOA_V

ClientSampleId :

DBUR4MS

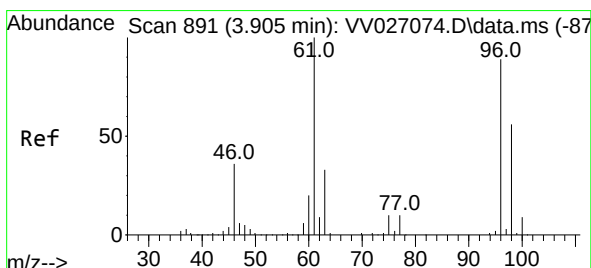
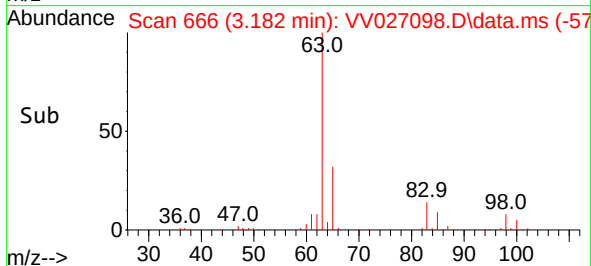
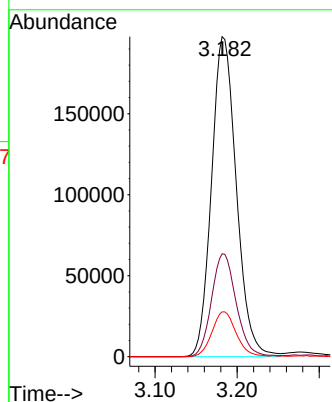
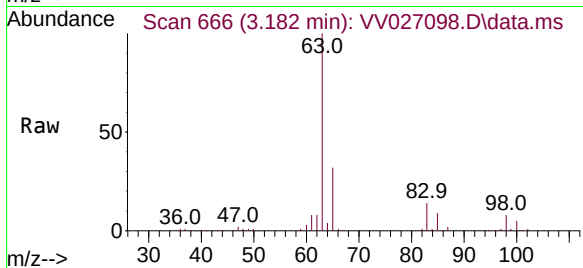
Tgt Ion: 63 Resp: 415524

Ion Ratio Lower Upper

63 100

65 32.1 22.7 42.3

83 14.0 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 53.760 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.000 min

Lab File: VV027098.D

Acq: 29 Jul 2022 20:36

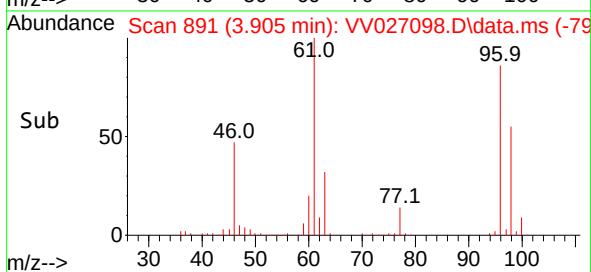
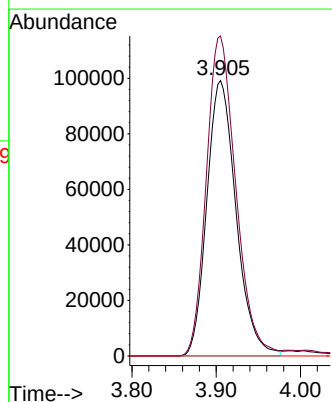
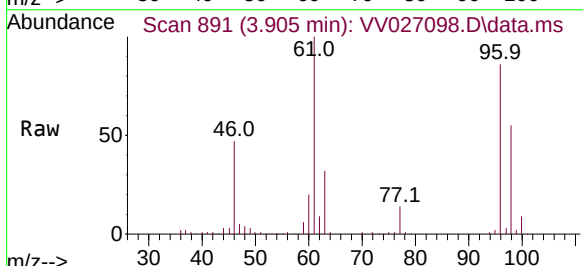
Tgt Ion: 96 Resp: 239684

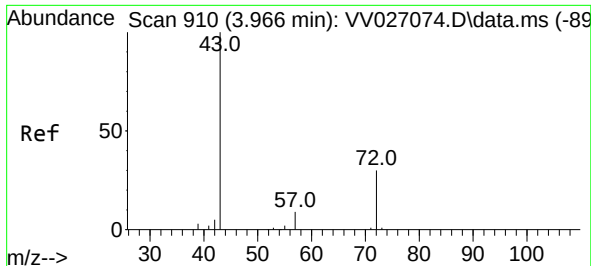
Ion Ratio Lower Upper

96 100

61 116.1 81.8 151.8

68 0.0 0.0 0.0

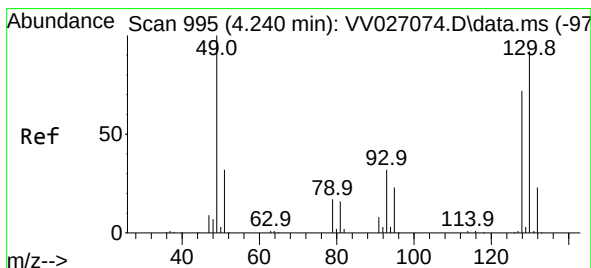
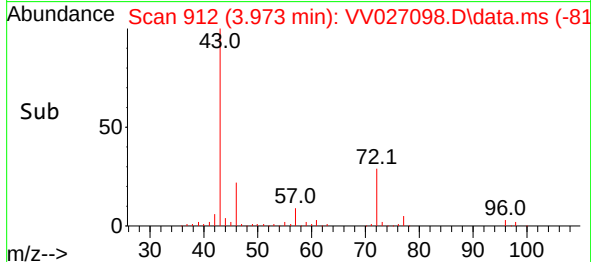
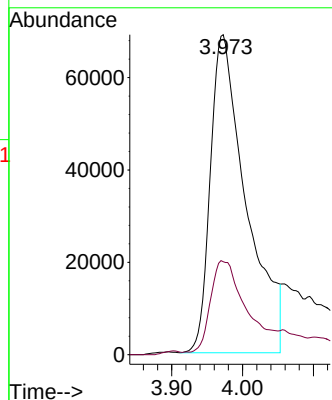
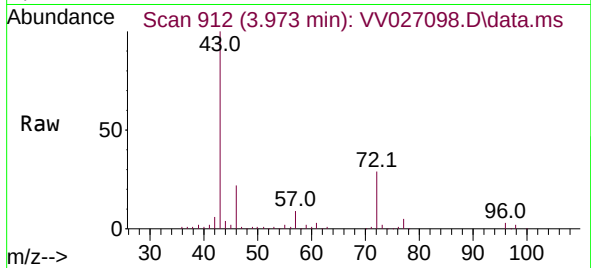




#22
2-Butanone
Concen: 100.910 ug/L
RT: 3.973 min Scan# 911
Delta R.T. 0.006 min
Lab File: VV027098.D
Acq: 29 Jul 2022 20:36

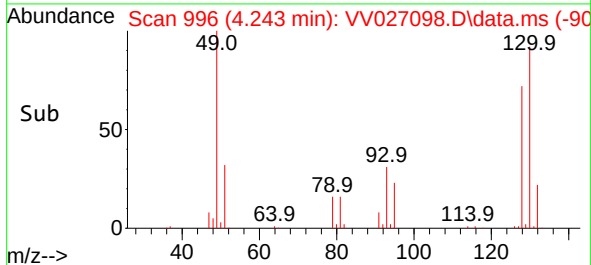
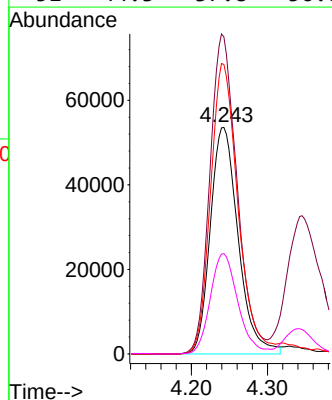
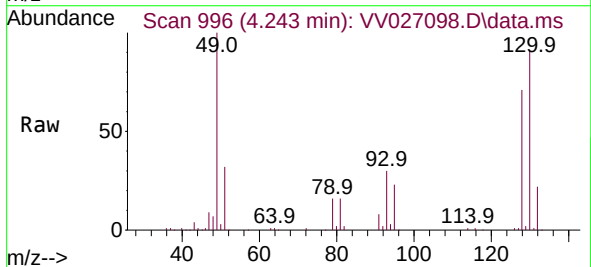
Instrument :
MSVOA_V
ClientSampleId :
DBUR4MS

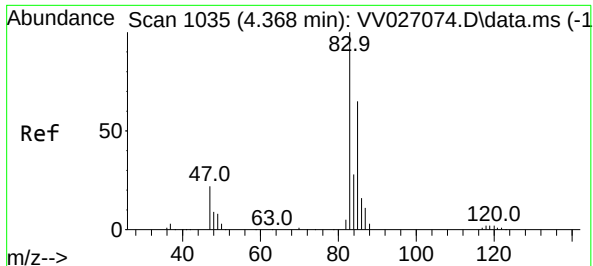
Tgt Ion: 43 Resp: 241827
Ion Ratio Lower Upper
43 100
72 28.9 11.9 35.7



#23
Bromochloromethane
Concen: 56.816 ug/L
RT: 4.243 min Scan# 996
Delta R.T. 0.003 min
Lab File: VV027098.D
Acq: 29 Jul 2022 20:36

Tgt Ion:128 Resp: 136454
Ion Ratio Lower Upper
128 100
49 139.9 98.7 183.3
130 127.8 89.5 166.1
51 44.3 37.8 56.8





#25

Chloroform

Concen: 54.414 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VV027098.D

Acq: 29 Jul 2022 20:36

Instrument :

MSVOA_V

ClientSampleId :

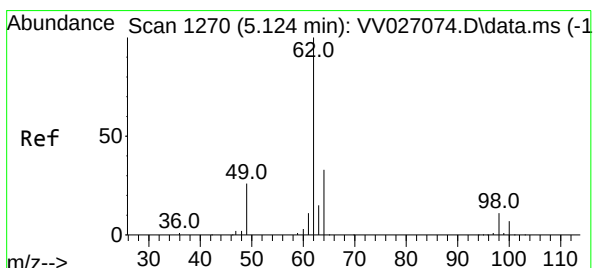
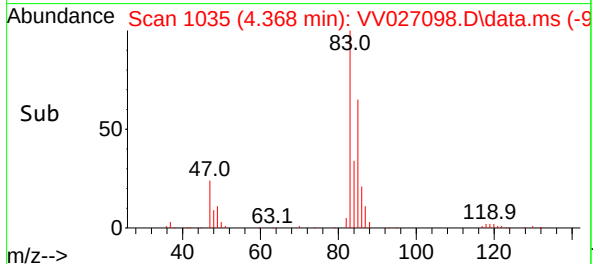
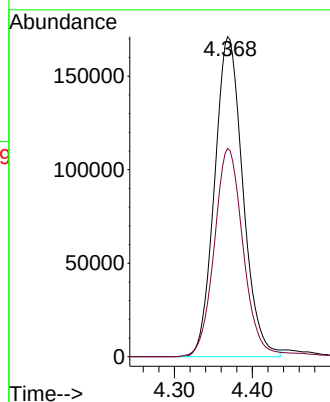
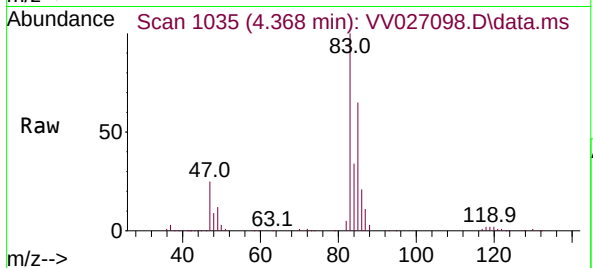
DBUR4MS

Tgt Ion: 83 Resp: 431914

Ion Ratio Lower Upper

83 100

85 65.0 45.4 84.4



#27

1,2-Dichloroethane

Concen: 55.387 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VV027098.D

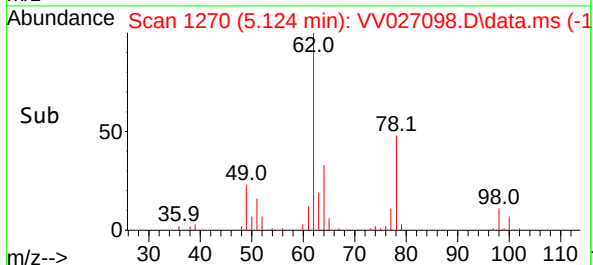
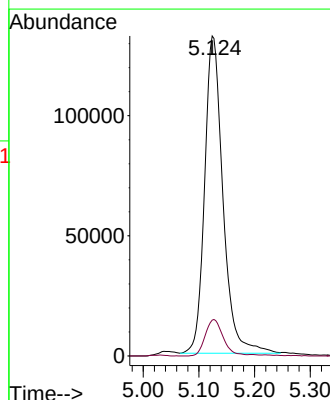
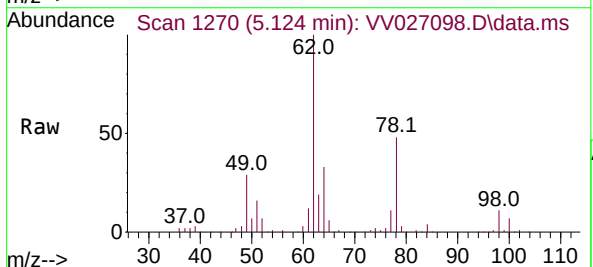
Acq: 29 Jul 2022 20:36

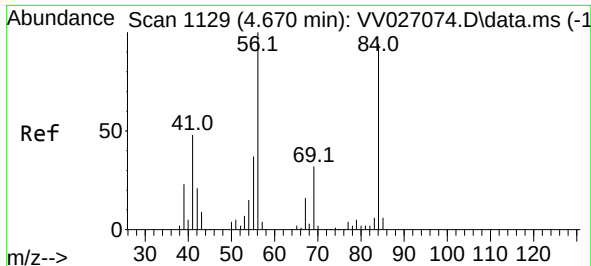
Tgt Ion: 62 Resp: 302529

Ion Ratio Lower Upper

62 100

98 11.2 9.0 13.6





#29

Cyclohexane

Concen: 55.631 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VV027098.D

Acq: 29 Jul 2022 20:36

Instrument :

MSVOA_V

ClientSampleId :

DBUR4MS

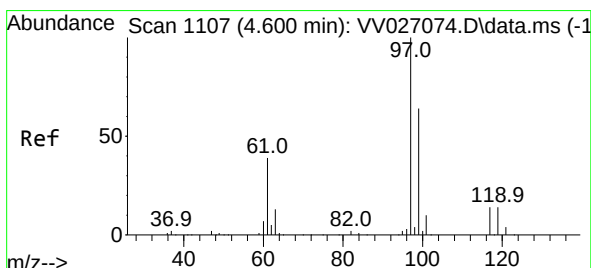
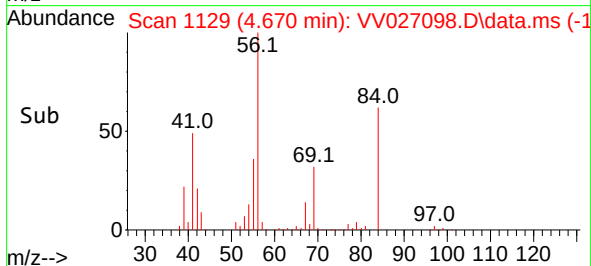
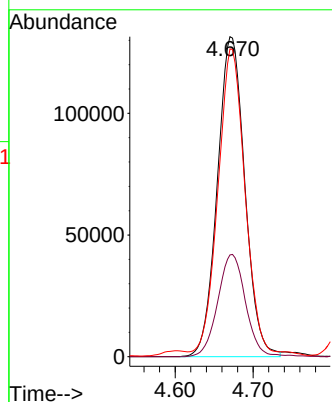
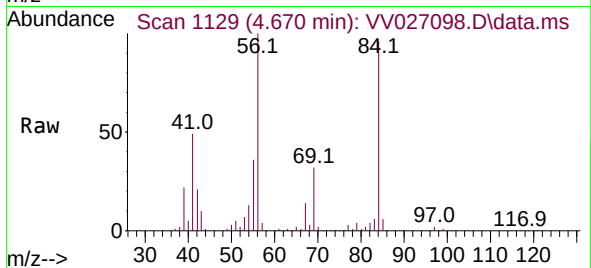
Tgt Ion: 56 Resp: 322336

Ion Ratio Lower Upper

56 100

69 32.0 25.9 38.9

84 92.1 75.3 112.9



#30

1,1,1-Trichloroethane

Concen: 53.339 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV027098.D

Acq: 29 Jul 2022 20:36

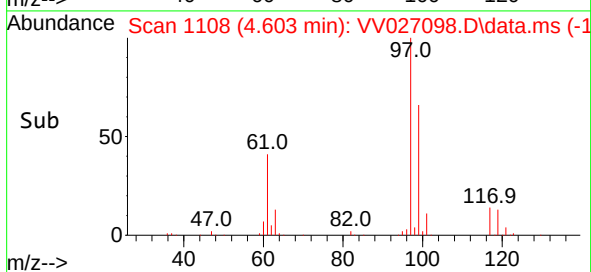
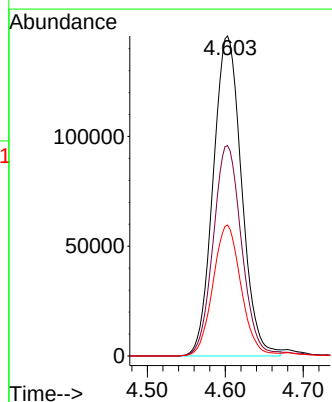
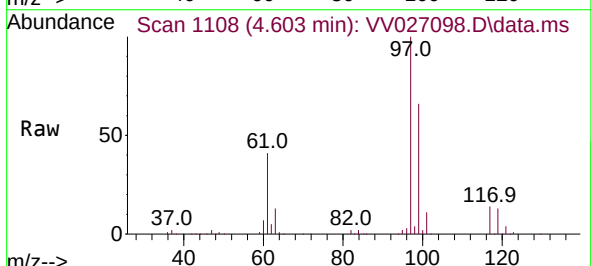
Tgt Ion: 97 Resp: 369194

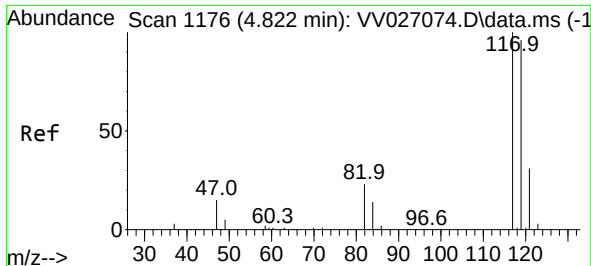
Ion Ratio Lower Upper

97 100

99 65.8 51.4 77.2

61 40.6 32.1 48.1

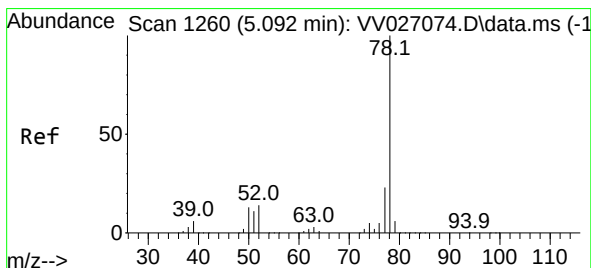
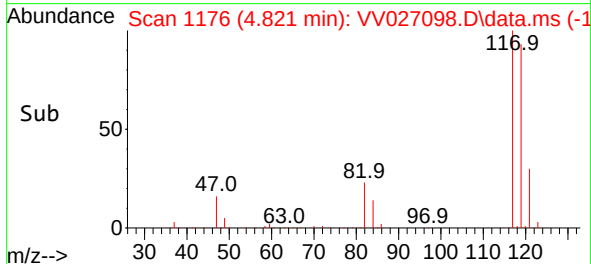
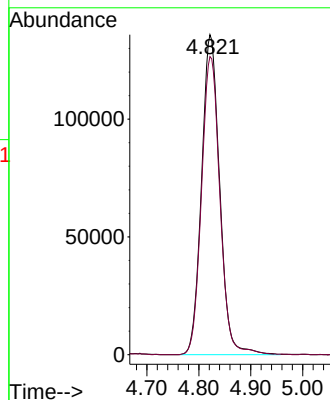
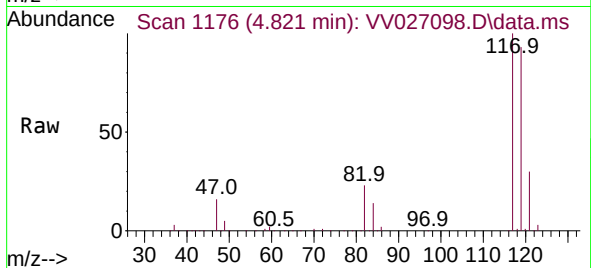




#31
Carbon tetrachloride
Concen: 54.630 ug/L
RT: 4.821 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VV027098.D
Acq: 29 Jul 2022 20:36

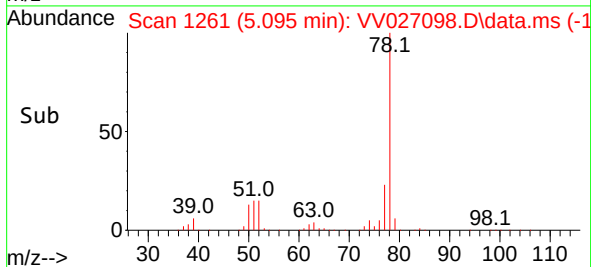
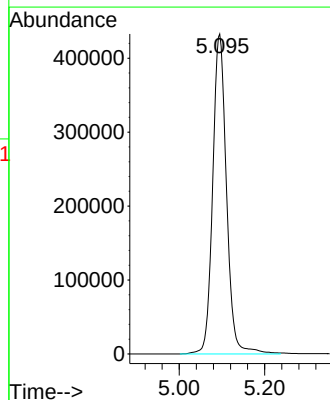
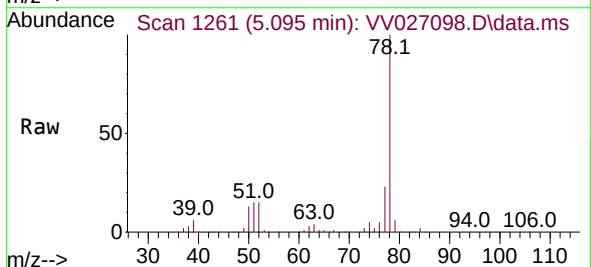
Instrument :
MSVOA_V
ClientSampleId :
DBUR4MS

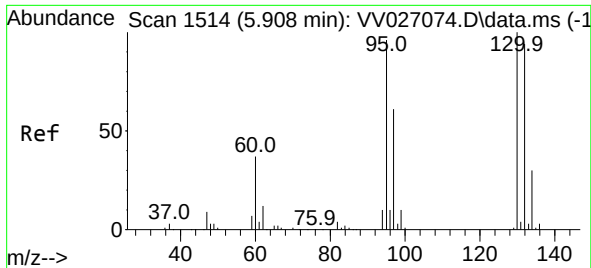
Tgt Ion:117 Resp: 329180
Ion Ratio Lower Upper
117 100
119 94.8 77.0 115.6



#33
Benzene
Concen: 55.932 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV027098.D
Acq: 29 Jul 2022 20:36

Tgt Ion: 78 Resp: 972060

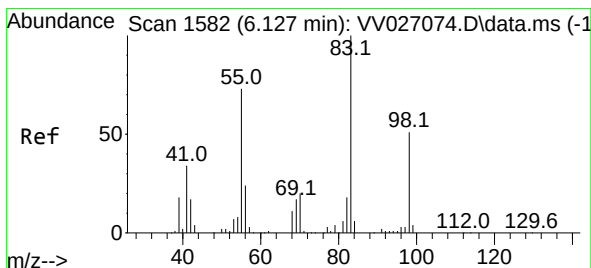
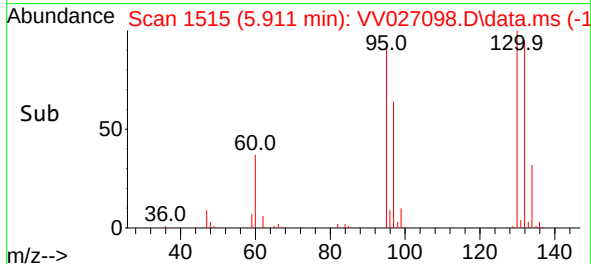
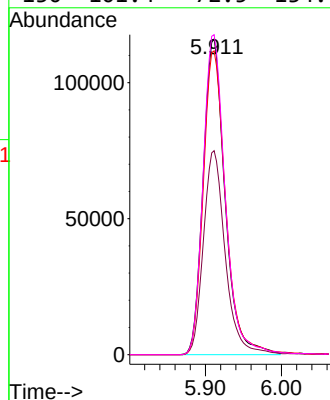
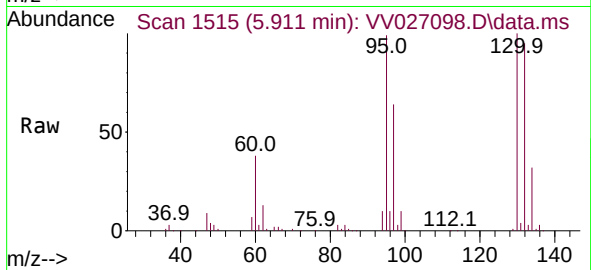




#34
Trichloroethene
Concen: 51.999 ug/L
RT: 5.911 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV027098.D
Acq: 29 Jul 2022 20:36

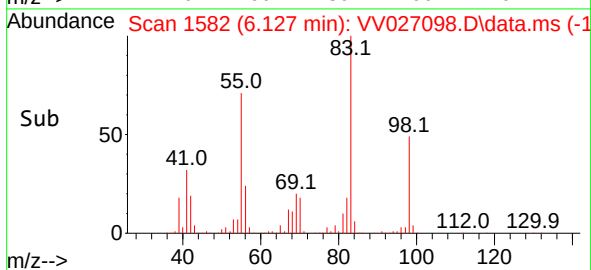
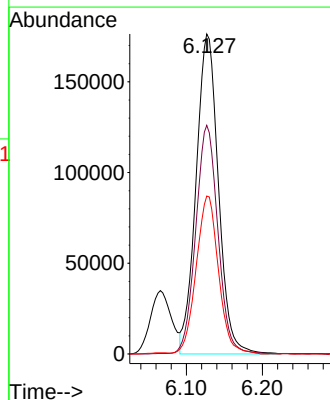
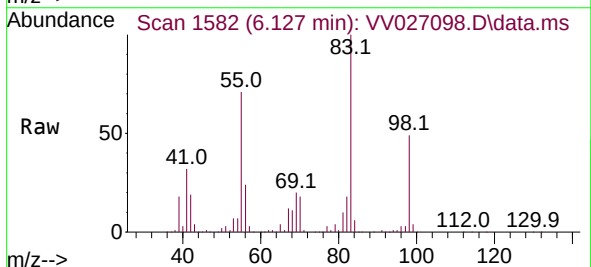
Instrument :
MSVOA_V
ClientSampleId :
DBUR4MS

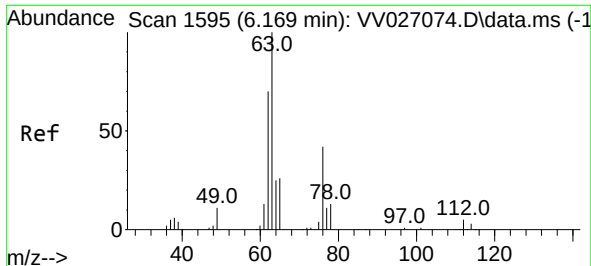
Tgt Ion: 95 Resp: 232592
Ion Ratio Lower Upper
95 100
97 64.6 45.9 85.3
132 96.3 69.8 129.6
130 101.4 72.5 134.7



#35
Methylcyclohexane
Concen: 54.071 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV027098.D
Acq: 29 Jul 2022 20:36

Tgt Ion: 83 Resp: 360820
Ion Ratio Lower Upper
83 100
55 70.7 55.5 83.3
98 49.4 39.0 58.4





#37

1,2-Dichloropropane

Concen: 56.974 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV027098.D

Acq: 29 Jul 2022 20:36

Instrument :

MSVOA_V

ClientSampleId :

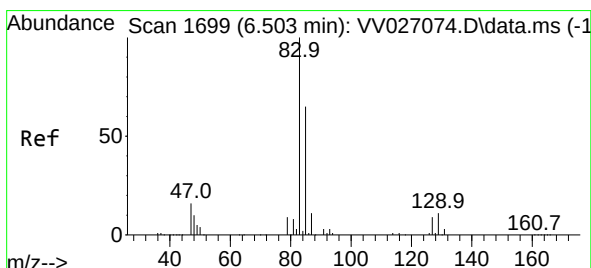
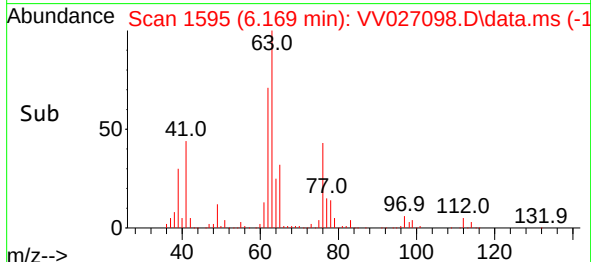
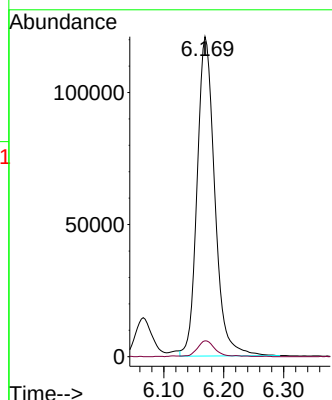
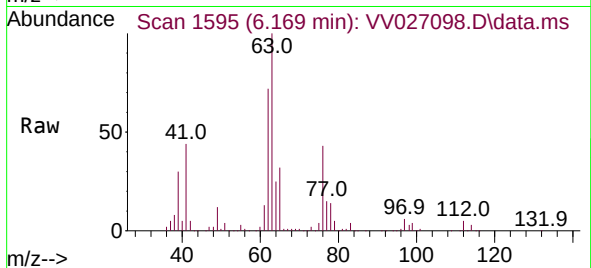
DBUR4MS

Tgt Ion: 63 Resp: 247815

Ion Ratio Lower Upper

63 100

112 4.8 3.7 5.5



#38

Bromodichloromethane

Concen: 55.216 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV027098.D

Acq: 29 Jul 2022 20:36

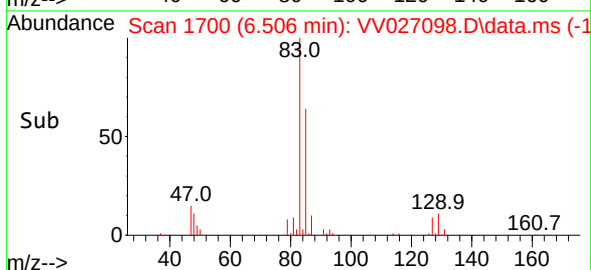
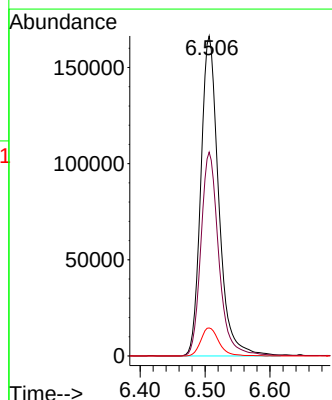
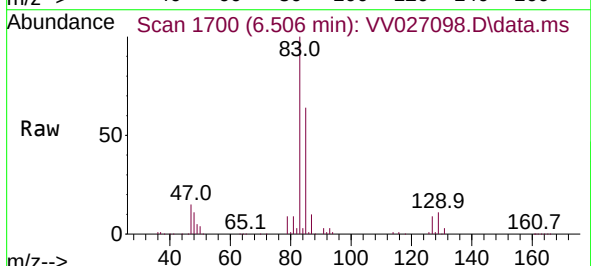
Tgt Ion: 83 Resp: 318999

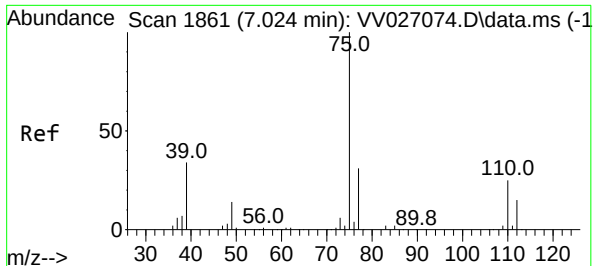
Ion Ratio Lower Upper

83 100

85 63.7 45.5 84.5

127 8.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 55.048 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV027098.D

Acq: 29 Jul 2022 20:36

Instrument :

MSVOA_V

ClientSampleId :

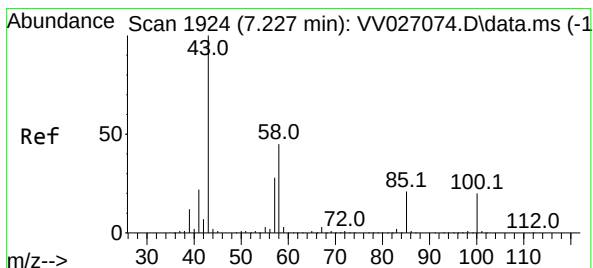
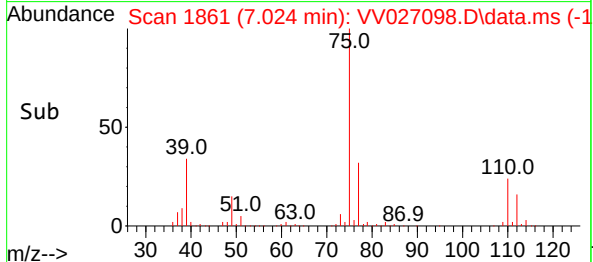
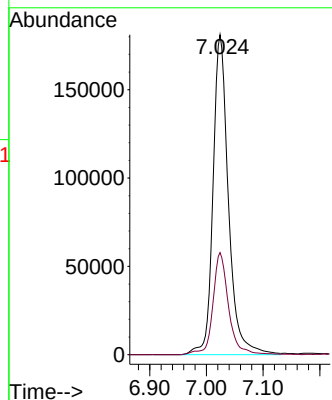
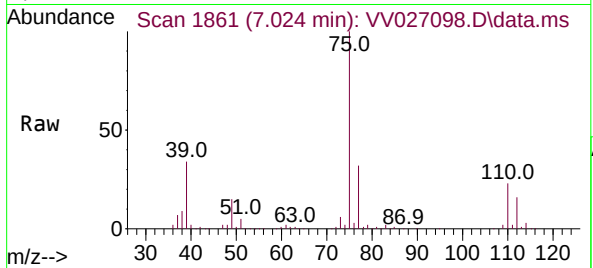
DBUR4MS

Tgt Ion: 75 Resp: 343490

Ion Ratio Lower Upper

75 100

77 31.9 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 114.493 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV027098.D

Acq: 29 Jul 2022 20:36

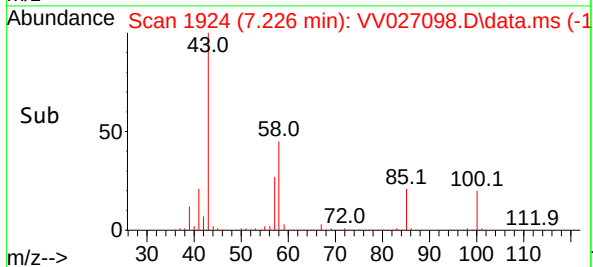
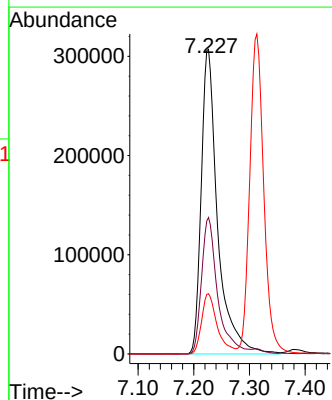
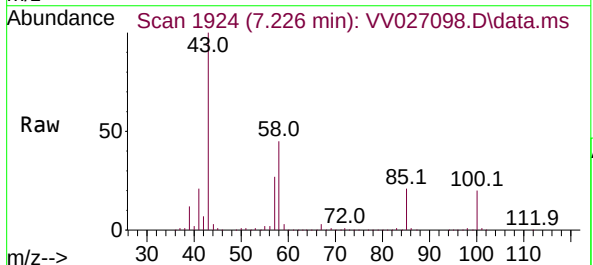
Tgt Ion: 43 Resp: 629884

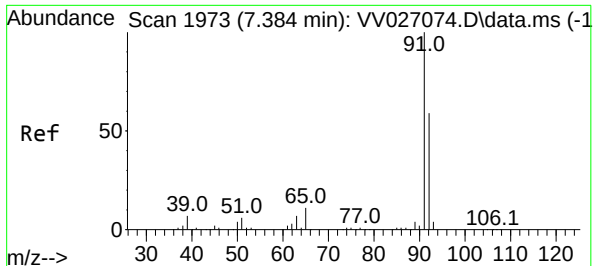
Ion Ratio Lower Upper

43 100

58 44.2 35.3 52.9

100 18.8 15.7 23.5

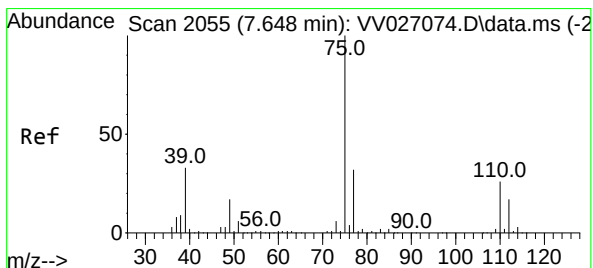
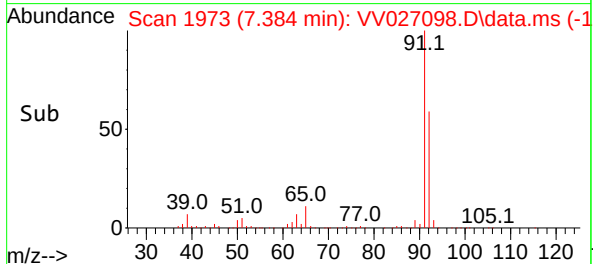
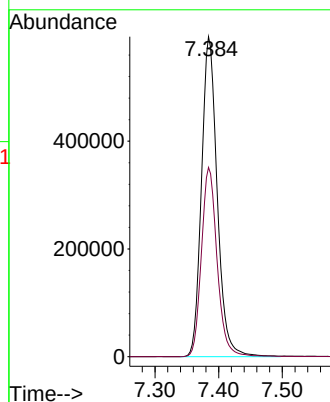
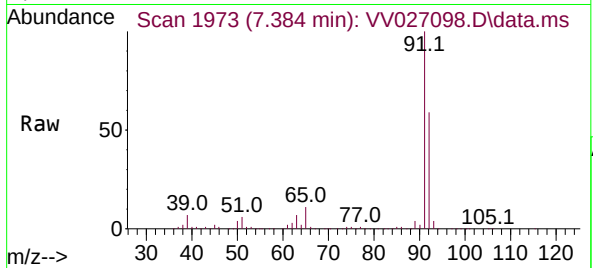




#42
Toluene
Concen: 56.894 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VV027098.D
Acq: 29 Jul 2022 20:36

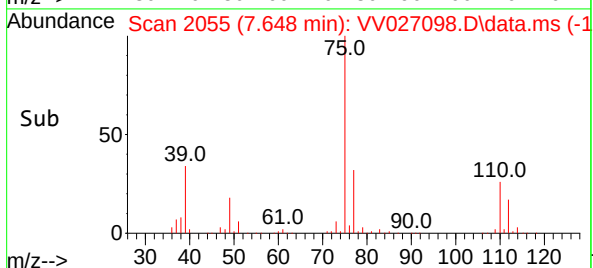
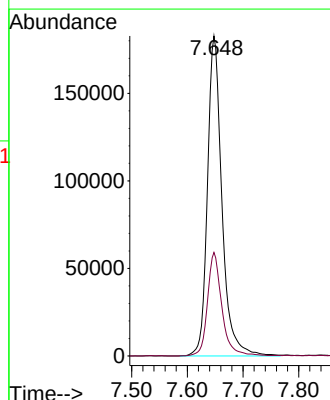
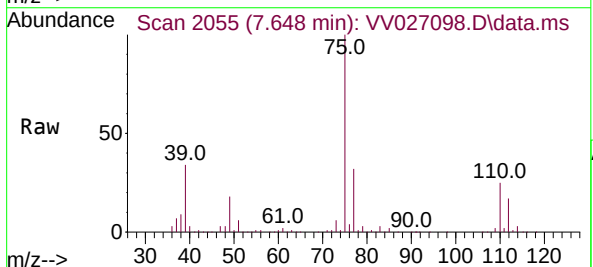
Instrument :
MSVOA_V
ClientSampleId :
DBUR4MS

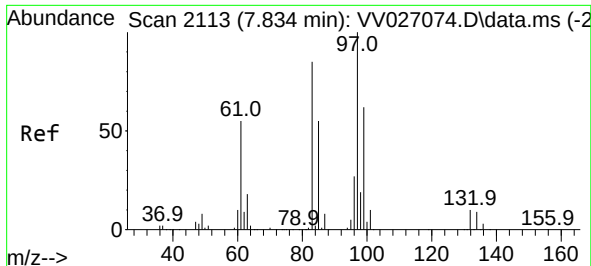
Tgt Ion: 91 Resp: 1019474
Ion Ratio Lower Upper
91 100
92 59.1 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 54.513 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.000 min
Lab File: VV027098.D
Acq: 29 Jul 2022 20:36

Tgt Ion: 75 Resp: 330697
Ion Ratio Lower Upper
75 100
77 32.3 22.0 41.0



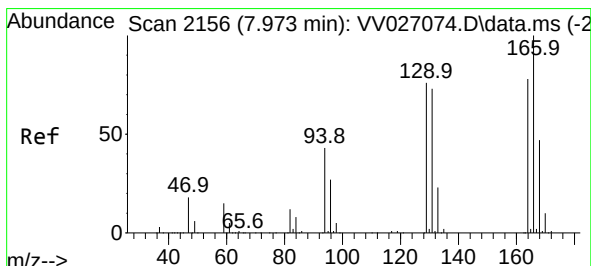
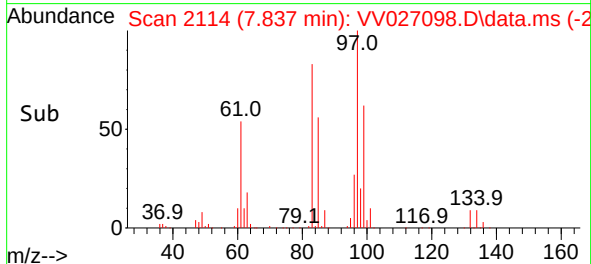
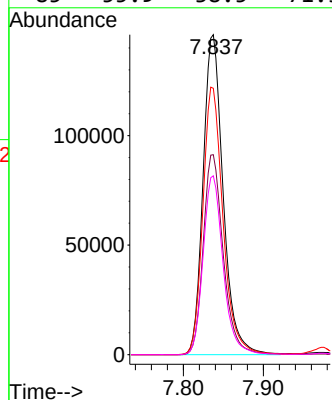
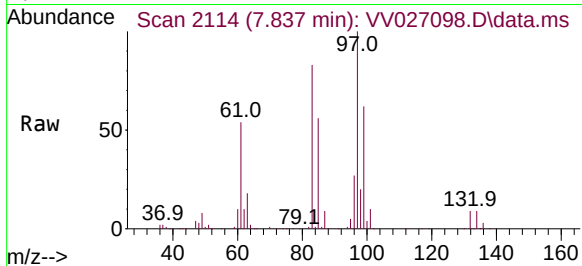


#45
1,1,2-Trichloroethane
Concen: 54.875 ug/L
RT: 7.837 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VV027098.D
Acq: 29 Jul 2022 20:36

Instrument :
MSVOA_V
ClientSampleId :
DBUR4MS

Tgt Ion: 97 Resp: 255540

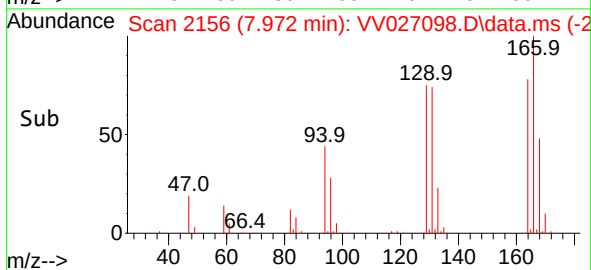
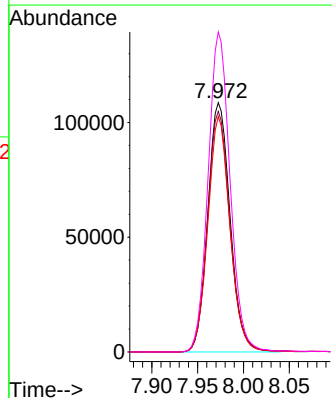
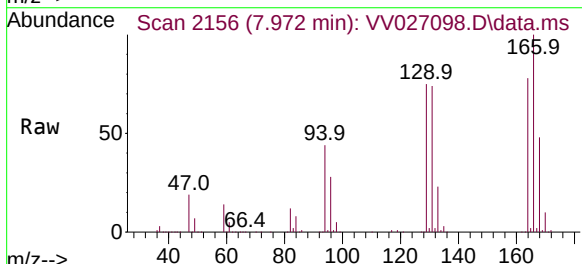
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.2	80.2
83	83.3	58.0	107.6
85	55.9	38.5	71.5

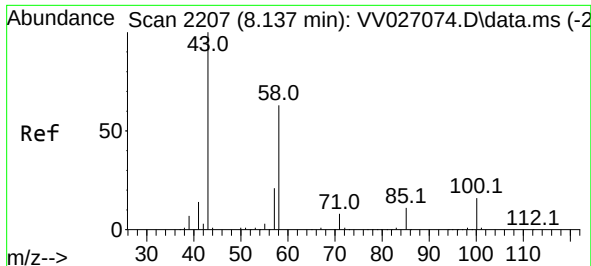


#46
Tetrachloroethene
Concen: 52.887 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV027098.D
Acq: 29 Jul 2022 20:36

Tgt Ion: 164 Resp: 185033

Ion	Ratio	Lower	Upper
164	100		
129	96.5	67.5	125.4
131	94.4	64.3	119.3
166	128.4	88.9	165.1

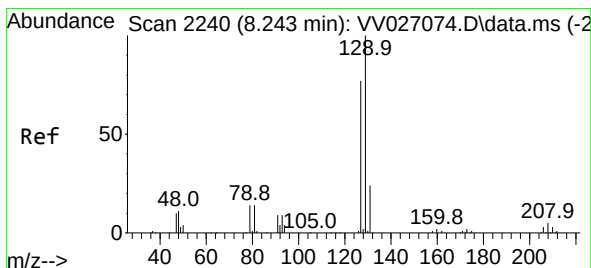
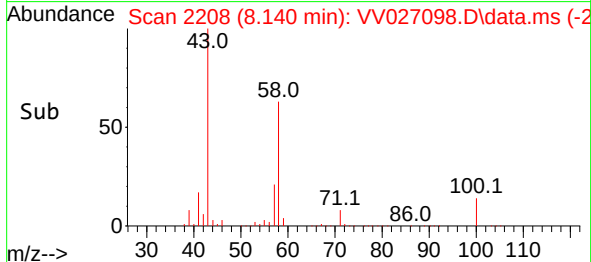
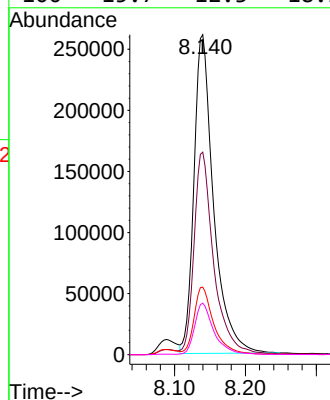
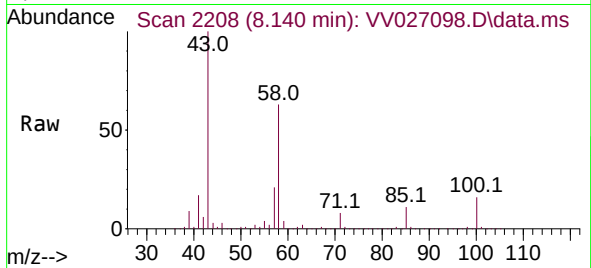




#48
2-Hexanone
Concen: 116.109 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027098.D
Acq: 29 Jul 2022 20:36

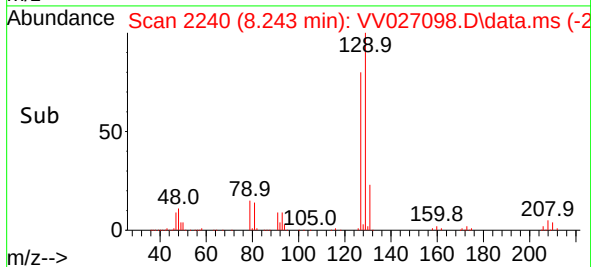
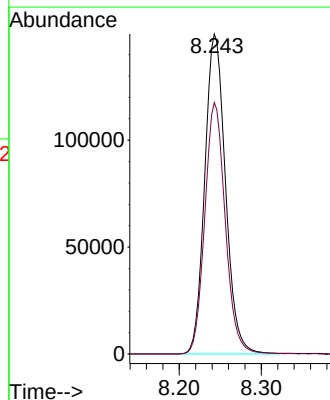
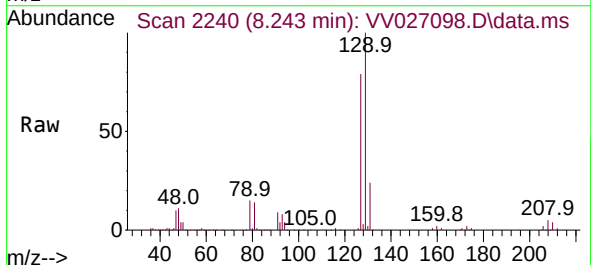
Instrument :
MSVOA_V
ClientSampleId :
DBUR4MS

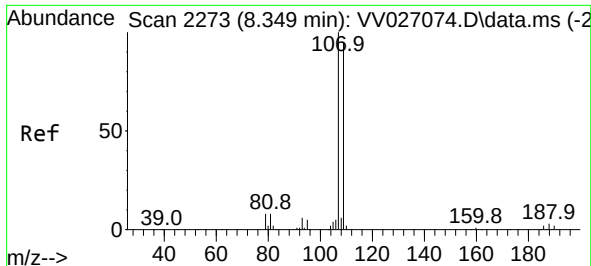
Tgt Ion: 43 Resp: 503388
Ion Ratio Lower Upper
43 100
58 62.8 50.8 76.2
57 21.0 17.1 25.7
100 15.7 12.3 18.5



#49
Dibromochloromethane
Concen: 54.850 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV027098.D
Acq: 29 Jul 2022 20:36

Tgt Ion: 129 Resp: 262682
Ion Ratio Lower Upper
129 100
127 78.6 53.3 98.9





#50

1,2-Dibromoethane

Concen: 54.073 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV027098.D

Acq: 29 Jul 2022 20:36

Instrument :

MSVOA_V

ClientSampleId :

DBUR4MS

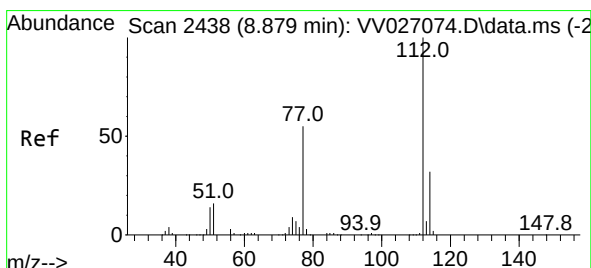
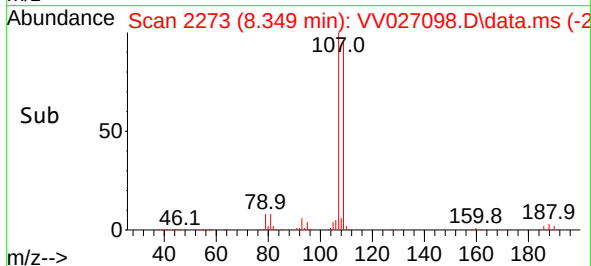
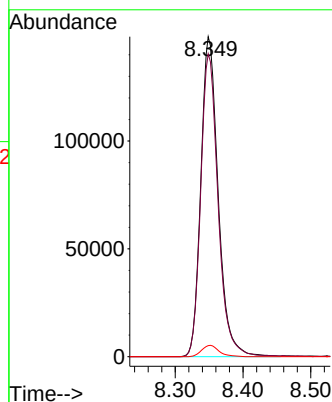
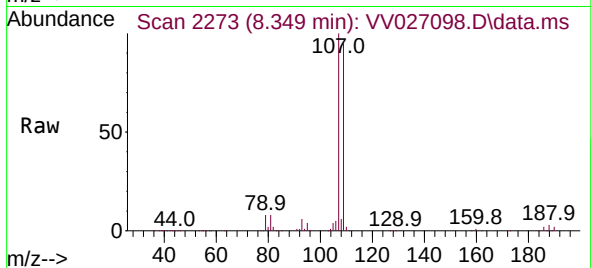
Tgt Ion:107 Resp: 264048

Ion Ratio Lower Upper

107 100

109 94.7 65.7 121.9

188 3.4 2.7 4.1



#51

Chlorobenzene

Concen: 53.934 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV027098.D

Acq: 29 Jul 2022 20:36

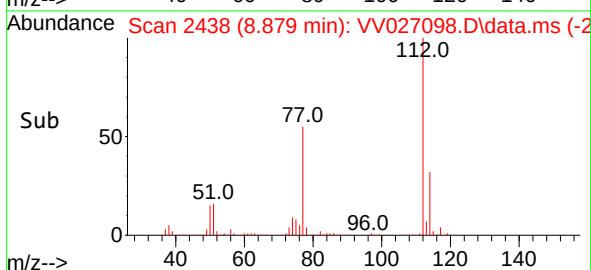
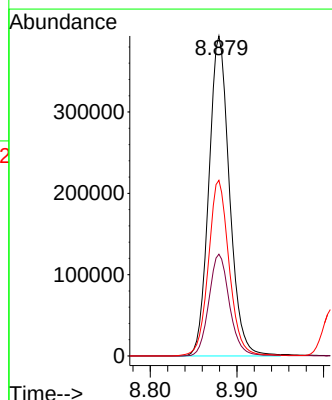
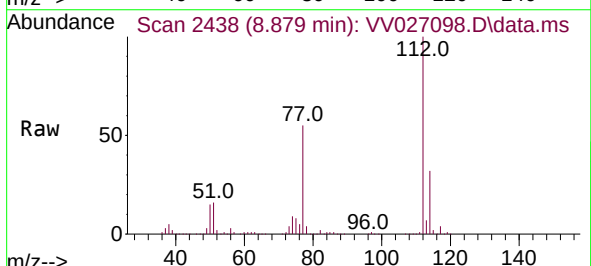
Tgt Ion:112 Resp: 651762

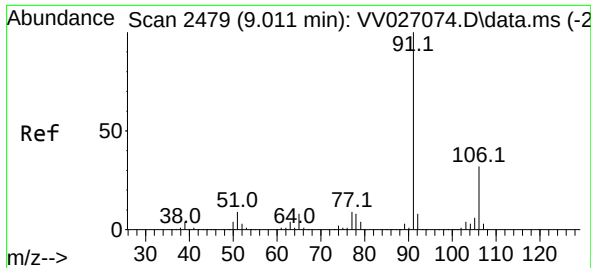
Ion Ratio Lower Upper

112 100

114 31.8 22.8 42.4

77 54.9 44.2 66.2

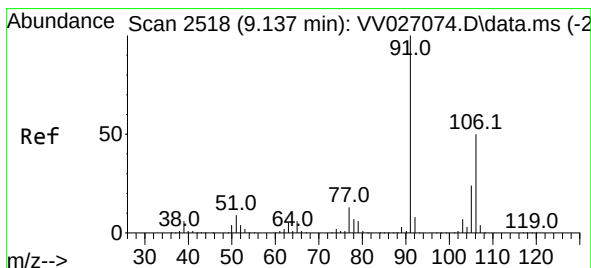
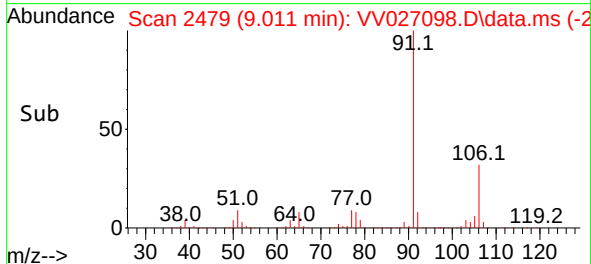
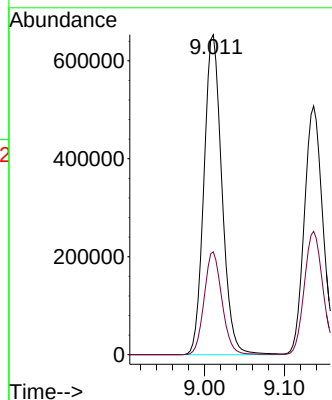
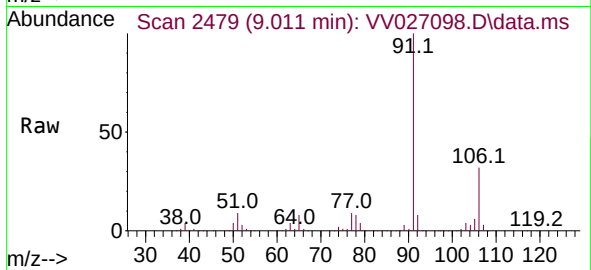




#52
Ethylbenzene
Concen: 56.322 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV027098.D
Acq: 29 Jul 2022 20:36

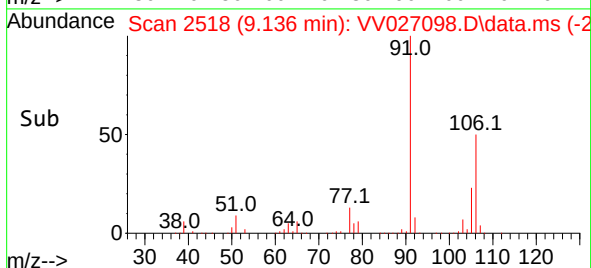
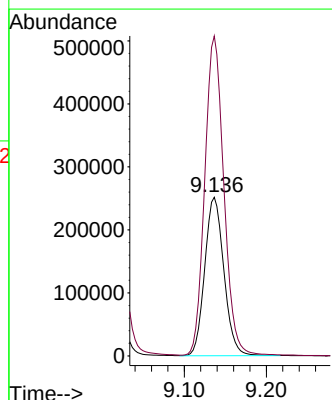
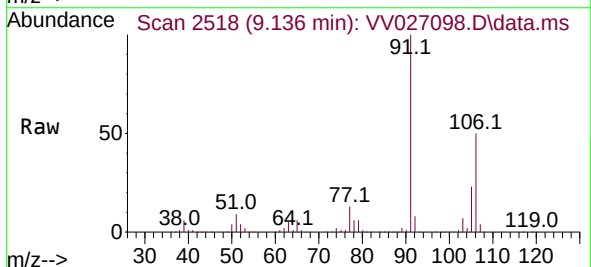
Instrument :
MSVOA_V
ClientSampleId :
DBUR4MS

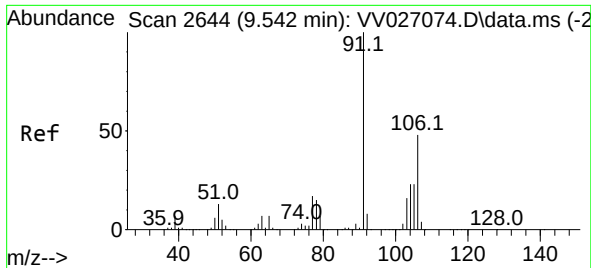
Tgt Ion: 91 Resp: 1021888
Ion Ratio Lower Upper
91 100
106 32.1 21.8 40.6



#53
m,p-Xylene
Concen: 57.151 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV027098.D
Acq: 29 Jul 2022 20:36

Tgt Ion:106 Resp: 407861
Ion Ratio Lower Upper
106 100
91 201.5 137.5 255.3

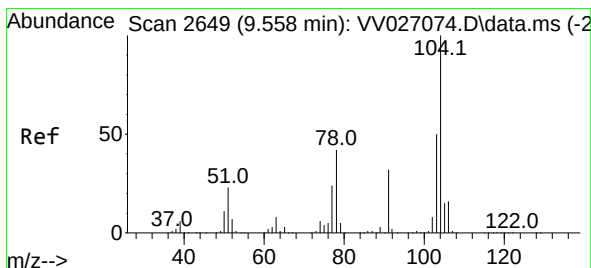
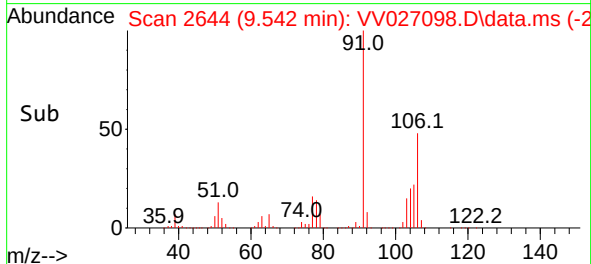
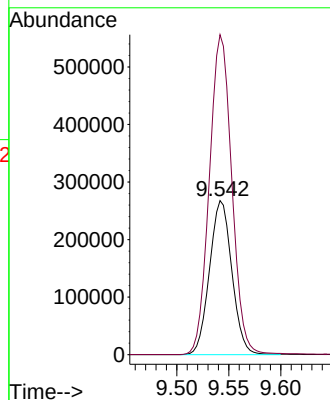
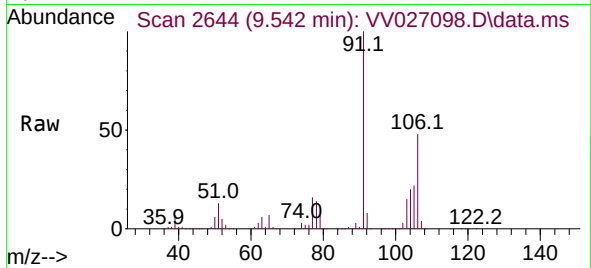




#54
o-Xylene
Concen: 58.343 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027098.D
Acq: 29 Jul 2022 20:36

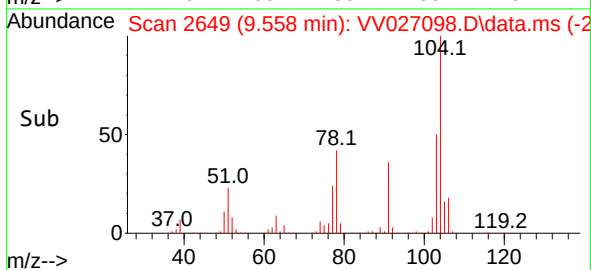
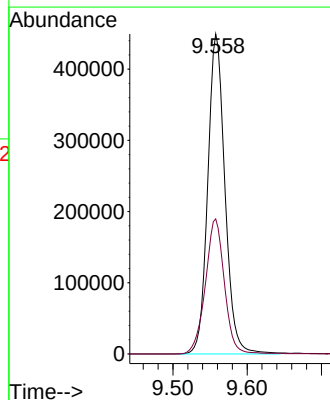
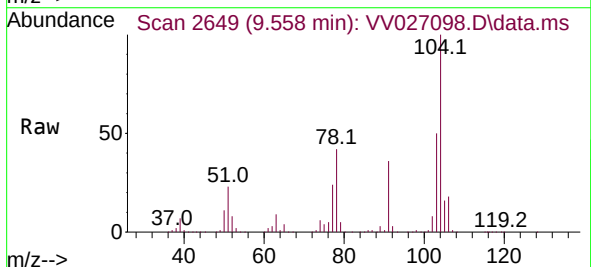
Instrument :
MSVOA_V
ClientSampleId :
DBUR4MS

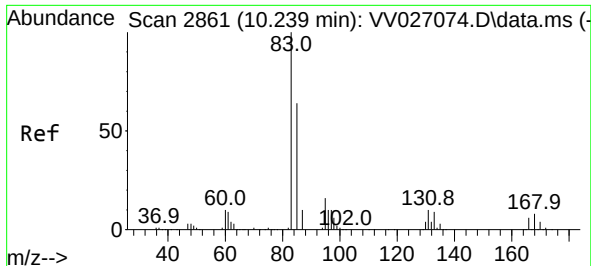
Tgt Ion:106 Resp: 400969
Ion Ratio Lower Upper
106 100
91 207.7 146.6 272.2



#55
Styrene
Concen: 59.960 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV027098.D
Acq: 29 Jul 2022 20:36

Tgt Ion:104 Resp: 721199
Ion Ratio Lower Upper
104 100
78 42.2 29.6 55.0

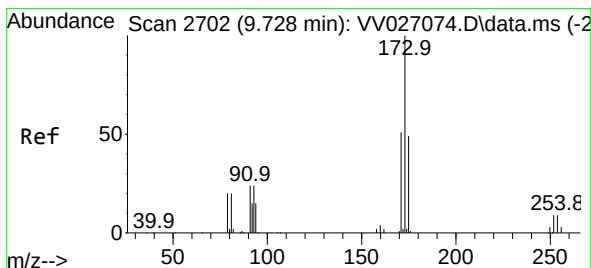
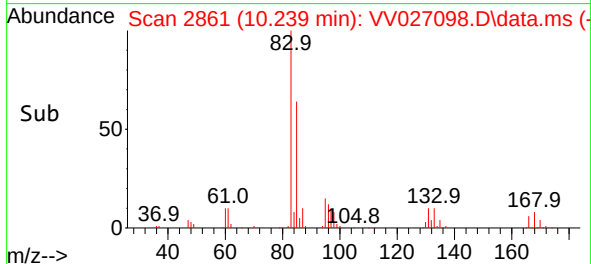
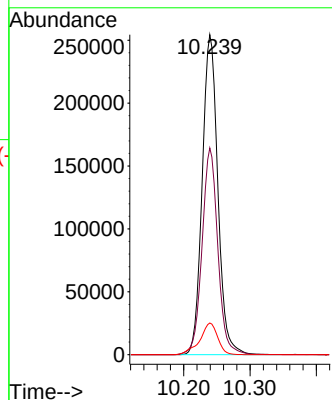
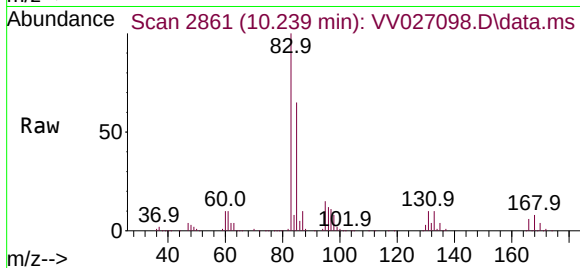




#57
1,1,2,2-Tetrachloroethane
Concen: 55.497 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV027098.D
Acq: 29 Jul 2022 20:36

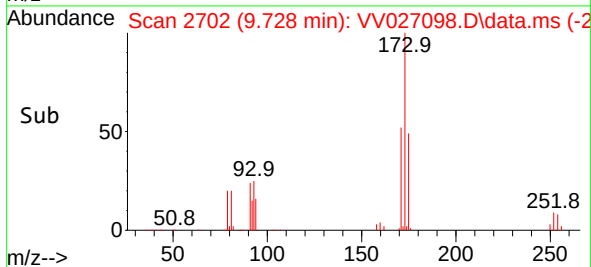
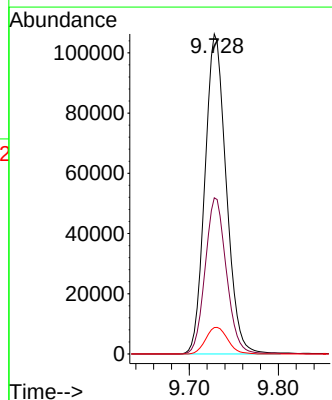
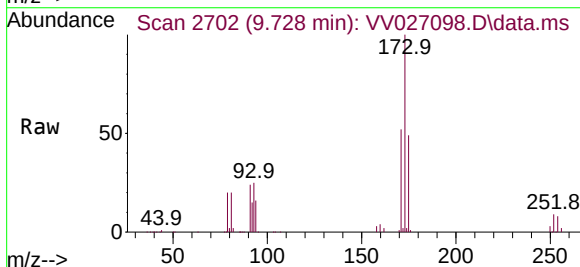
Instrument :
MSVOA_V
ClientSampleId :
DBUR4MS

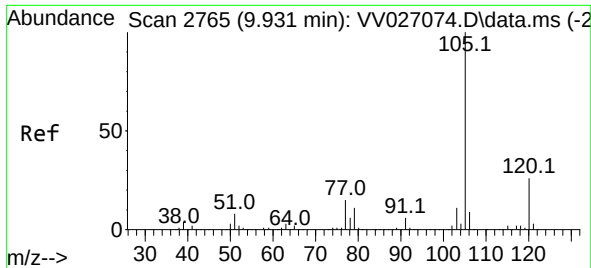
Tgt Ion: 83 Resp: 416670
Ion Ratio Lower Upper
83 100
85 64.6 45.2 84.0
131 9.9 8.1 12.1



#59
Bromoform
Concen: 51.662 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.000 min
Lab File: VV027098.D
Acq: 29 Jul 2022 20:36

Tgt Ion: 173 Resp: 176605
Ion Ratio Lower Upper
173 100
175 48.5 39.0 58.4
254 8.6 6.9 10.3

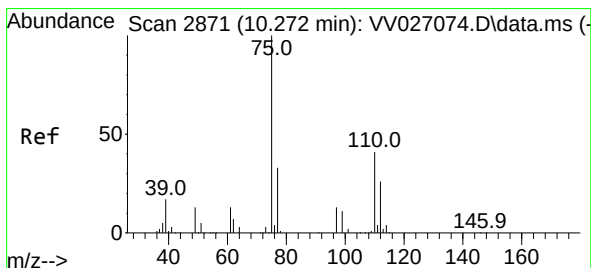
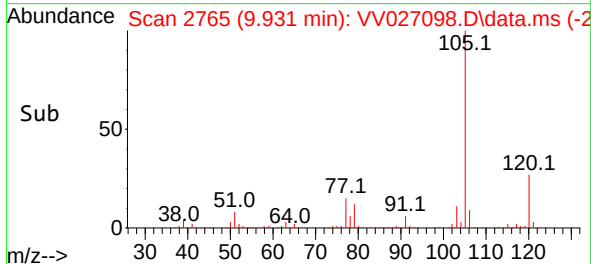
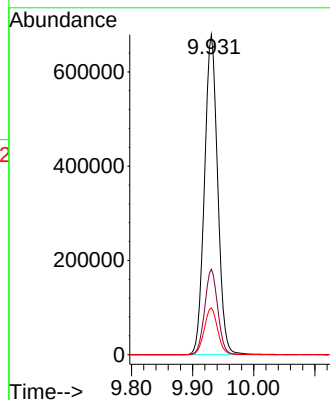
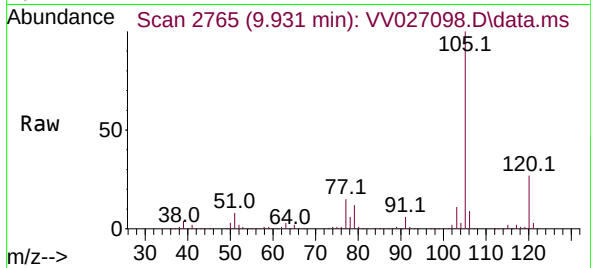




#60
Isopropylbenzene
Concen: 54.217 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV027098.D
Acq: 29 Jul 2022 20:36

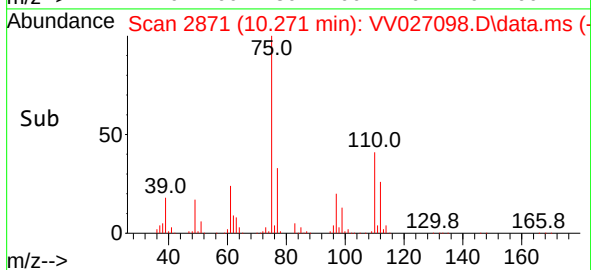
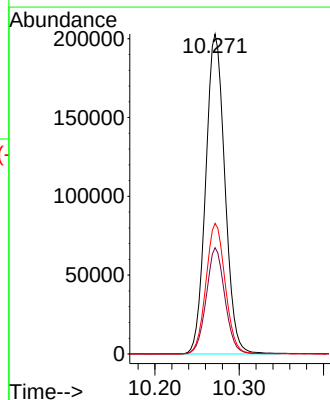
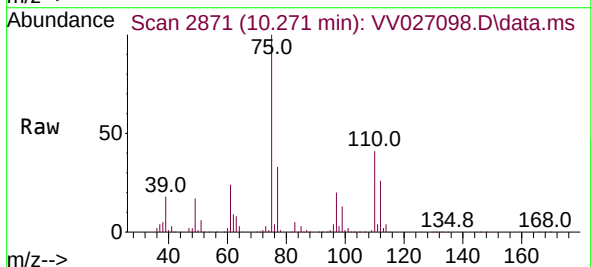
Instrument :
MSVOA_V
ClientSampleId :
DBUR4MS

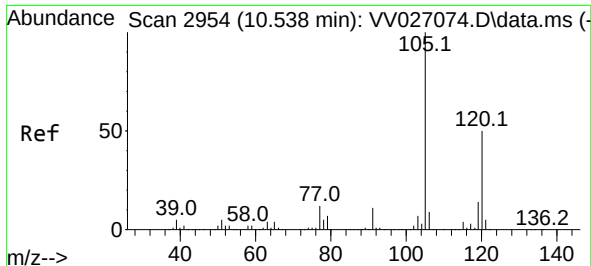
Tgt Ion:105 Resp: 1018174
Ion Ratio Lower Upper
105 100
120 26.5 21.4 32.0
77 14.7 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 50.905 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV027098.D
Acq: 29 Jul 2022 20:36

Tgt Ion: 75 Resp: 321285
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.8
110 41.0 32.7 49.1

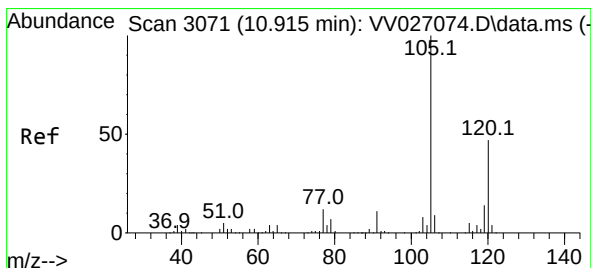
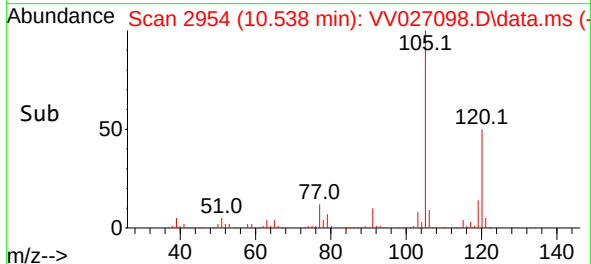
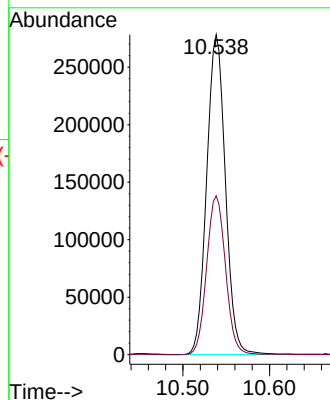
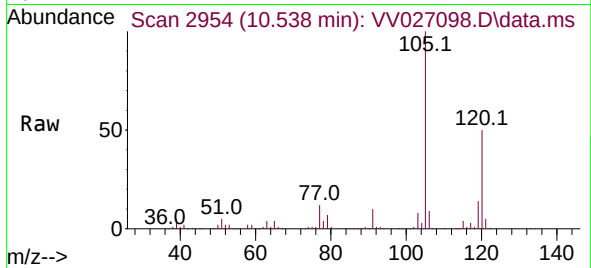




#62
1,3,5-Trimethylbenzene
Concen: 51.950 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV027098.D
Acq: 29 Jul 2022 20:36

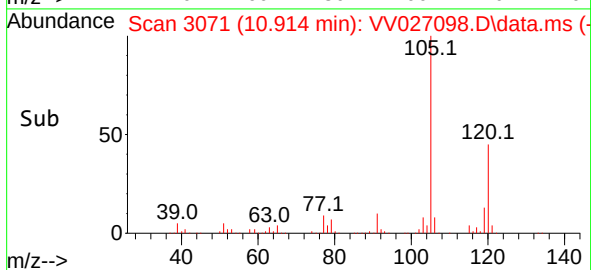
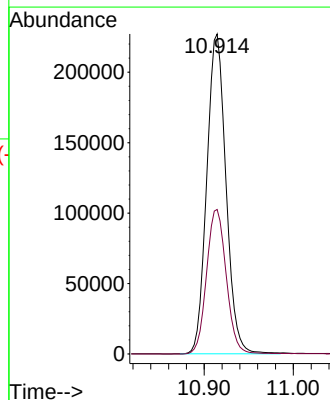
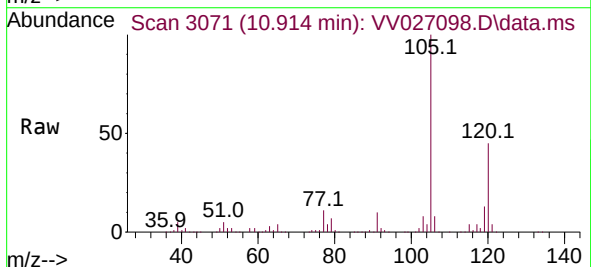
Instrument :
MSVOA_V
ClientSampleId :
DBUR4MS

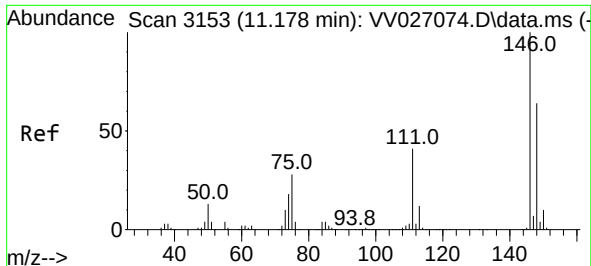
Tgt Ion:105 Resp: 417571
Ion Ratio Lower Upper
105 100
120 50.1 39.3 58.9



#63
1,2,4-Trimethylbenzene
Concen: 52.903 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV027098.D
Acq: 29 Jul 2022 20:36

Tgt Ion:105 Resp: 339340
Ion Ratio Lower Upper
105 100
120 46.4 37.0 55.6

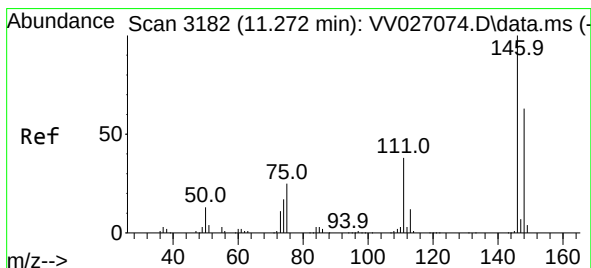
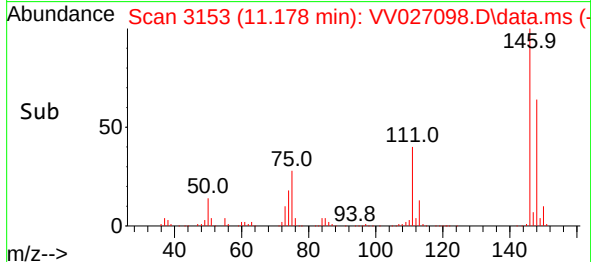
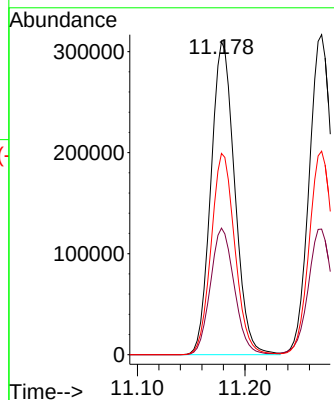
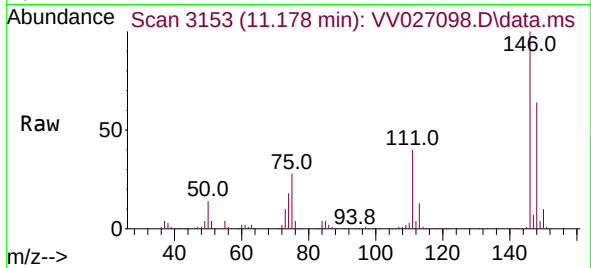




#64
1,3-Dichlorobenzene
Concen: 52.300 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV027098.D
Acq: 29 Jul 2022 20:36

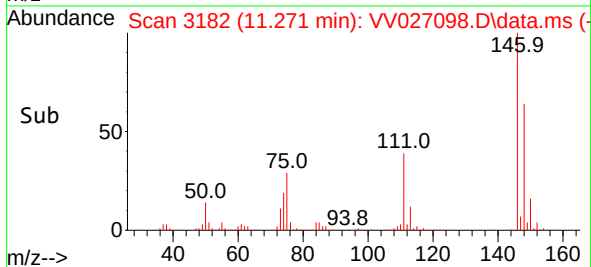
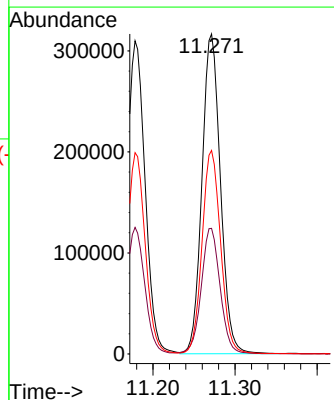
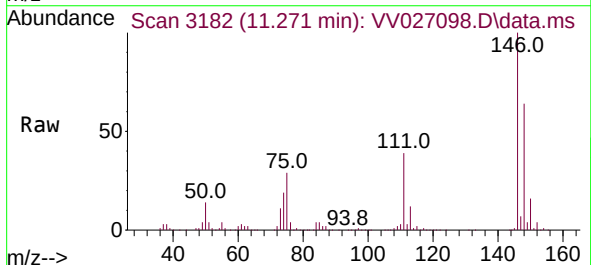
Instrument :
MSVOA_V
ClientSampleId :
DBUR4MS

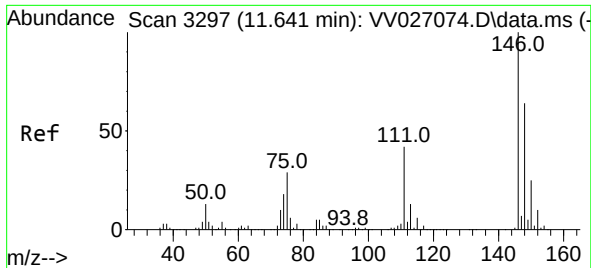
Tgt Ion:146 Resp: 476801
Ion Ratio Lower Upper
146 100
111 40.4 28.4 52.8
148 64.3 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 51.537 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV027098.D
Acq: 29 Jul 2022 20:36

Tgt Ion:146 Resp: 495113
Ion Ratio Lower Upper
146 100
111 39.3 27.4 51.0
148 63.6 44.6 82.8

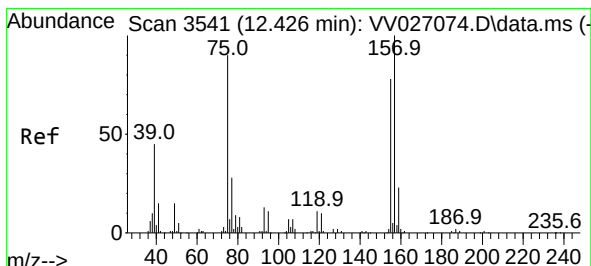
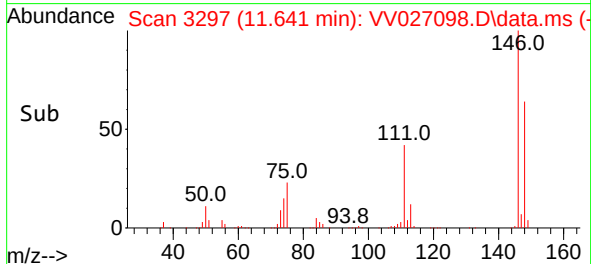
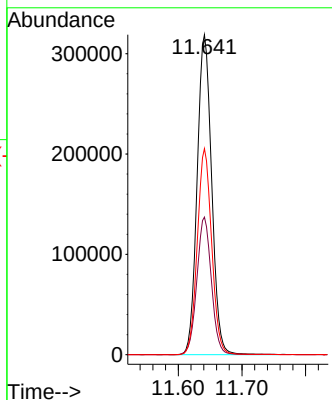
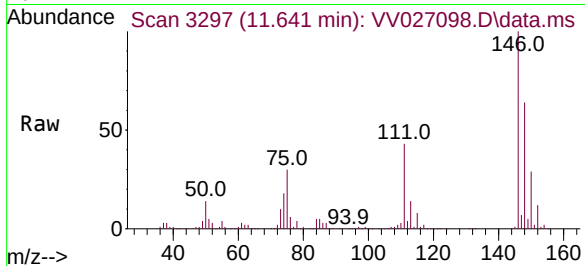




#67
 1,2-Dichlorobenzene
 Concen: 53.092 ug/L
 RT: 11.641 min Scan# 3297
 Delta R.T. -0.000 min
 Lab File: VV027098.D
 Acq: 29 Jul 2022 20:36

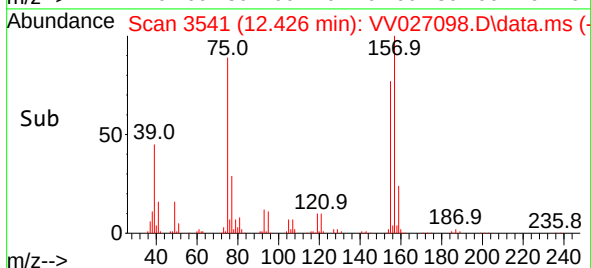
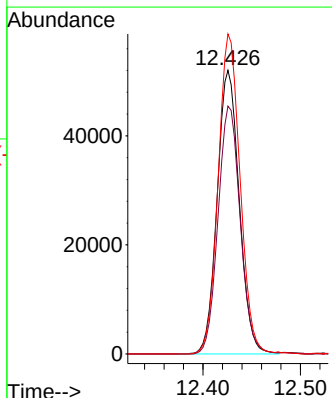
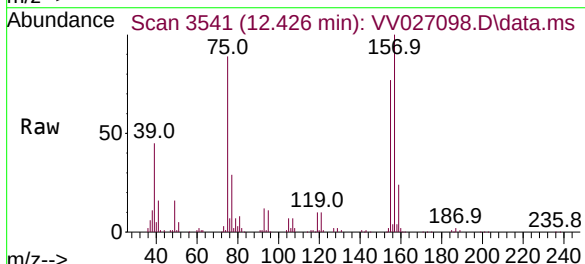
Instrument :
 MSVOA_V
 ClientSampleId :
 DBUR4MS

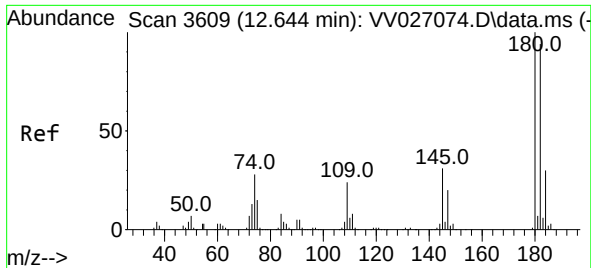
Tgt Ion:146 Resp: 505478
 Ion Ratio Lower Upper
 146 100
 111 43.0 34.0 51.0
 148 64.4 50.5 75.7



#68
 1,2-Dibromo-3-chloropropane
 Concen: 49.519 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. -0.000 min
 Lab File: VV027098.D
 Acq: 29 Jul 2022 20:36

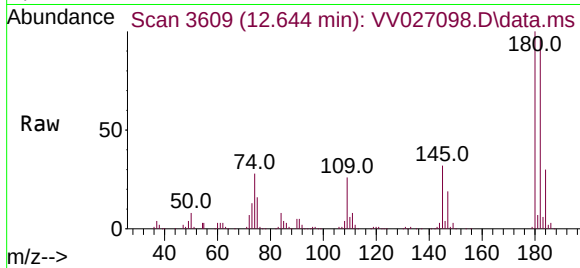
Tgt Ion: 75 Resp: 81941
 Ion Ratio Lower Upper
 75 100
 155 87.4 69.1 103.7
 157 112.8 87.8 131.8



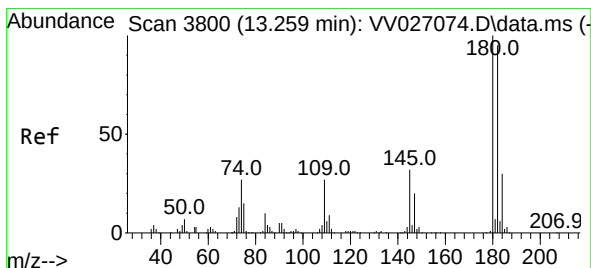
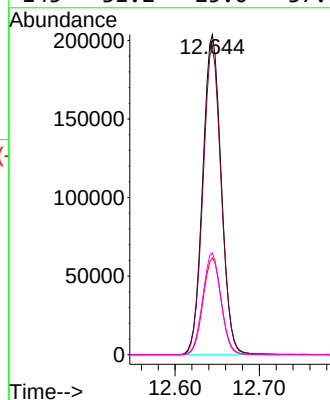
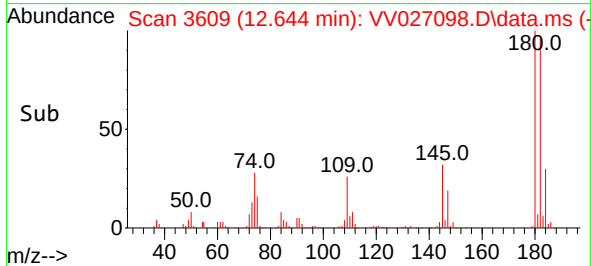


#69
 1,3,5-Trichlorobenzene
 Concen: 50.377 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV027098.D
 Acq: 29 Jul 2022 20:36

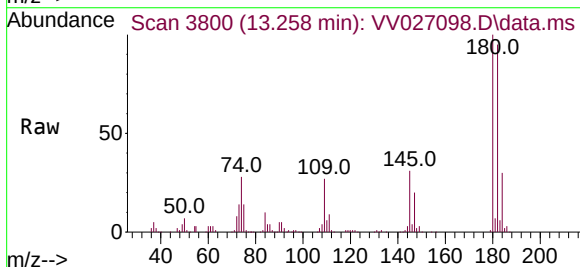
Instrument :
 MSVOA_V
 ClientSampleId :
 DBUR4MS



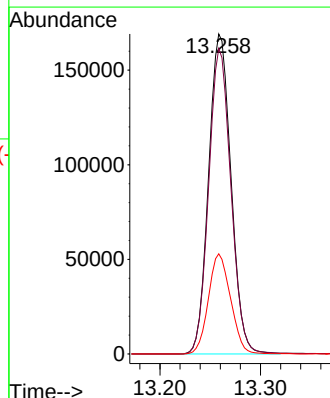
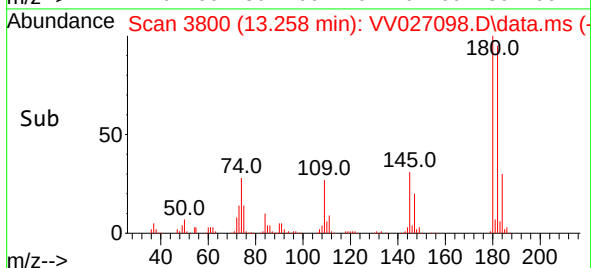
Tgt Ion:180 Resp: 311502
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.2 114.4
 184 30.1 24.8 37.2
 145 31.2 25.0 37.6

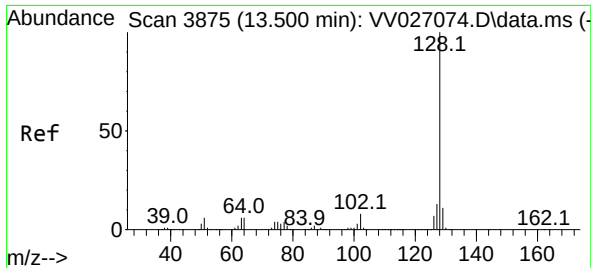


#70
 1,2,4-trichlorobenzene
 Concen: 49.450 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV027098.D
 Acq: 29 Jul 2022 20:36



Tgt Ion:180 Resp: 261708
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.9 113.9
 145 31.0 24.7 37.1

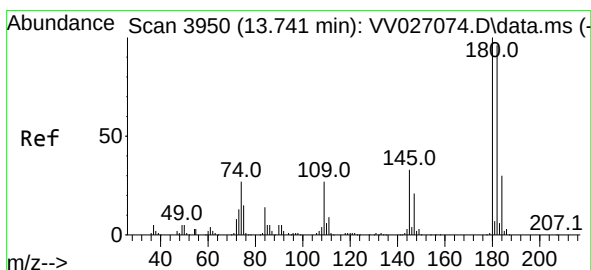
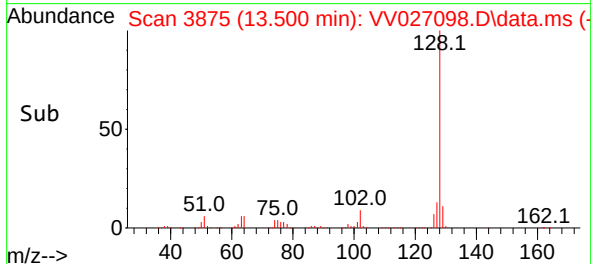
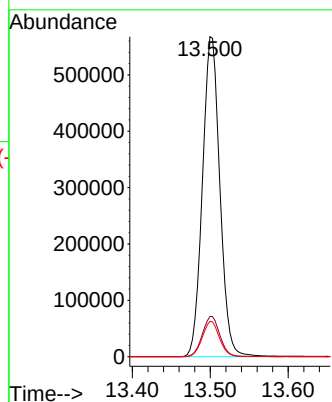
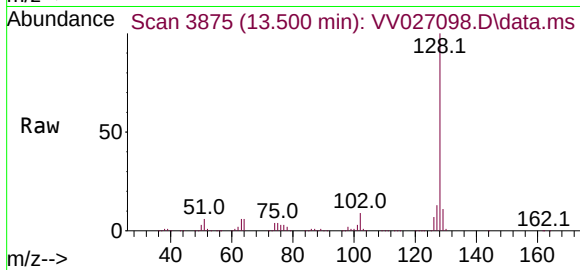




#71
Naphthalene
Concen: 47.877 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV027098.D
Acq: 29 Jul 2022 20:36

Instrument :
MSVOA_V
ClientSampleId :
DBUR4MS

Tgt Ion:128 Resp: 881668
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 51.686 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV027098.D
Acq: 29 Jul 2022 20:36

Tgt Ion:180 Resp: 296697
Ion Ratio Lower Upper
180 100
182 94.9 76.3 114.5
145 33.6 27.4 41.0

