

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083022\
 Data File : VV027600.D
 Acq On : 30 Aug 2022 20:58
 Operator : SY/MD
 Sample : N4418-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 31 04:52:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 31 04:45:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	161679	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	155645	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	79019	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	52230	4.539	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.800%
7) Chloroethane-d5	1.564	69	40850	4.851	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.104	63	101974	3.800	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	3.889	46	80463	56.189	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.380%
24) Chloroform-d	4.346	84	105183	4.572	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.030	65	48796	4.902	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.046	84	194045	4.501	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.069	67	59954	4.783	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.313	98	176852	4.543	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	7.625	79	17376	4.049	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.091	63	75360	53.345	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.700%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	43349	5.431	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	54342	4.639	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	70190	4.091	ug/L	99
3) Chloromethane	1.240	50	71350	4.763	ug/L	100
5) Vinyl chloride	1.310	62	68814	4.563	ug/L	98
6) Bromomethane	1.519	94	26952	3.614	ug/L	96
8) Chloroethane	1.580	64	43109	4.891	ug/L	98
9) Trichlorofluoromethane	1.751	101	108691	4.536	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	55690	4.118	ug/L	97
12) 1,1-Dichloroethene	2.114	96	49126	4.016	ug/L	89
13) Acetone	2.169	43	65403	47.824	ug/L	98
14) Carbon disulfide	2.291	76	121357	3.615	ug/L	100
15) Methyl Acetate	2.432	43	9872	2.607	ug/L	98
16) Methylene chloride	2.503	84	63741	3.456	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	120558	4.763	ug/L	95
18) trans-1,2-Dichloroethene	2.757	96	55283	4.387	ug/L	93
19) 1,1-Dichloroethane	3.185	63	125420	4.807	ug/L	99
21) 2-Butanone	3.969	43	97349	53.489	ug/L	96
22) cis-1,2-Dichloroethene	3.908	96	68953	5.134	ug/L	99
23) Bromochloromethane	4.243	128	26487	4.472	ug/L	95
25) Chloroform	4.371	83	135277	4.768	ug/L	96

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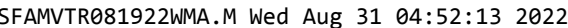
Instrument :
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 ClientSampleId :

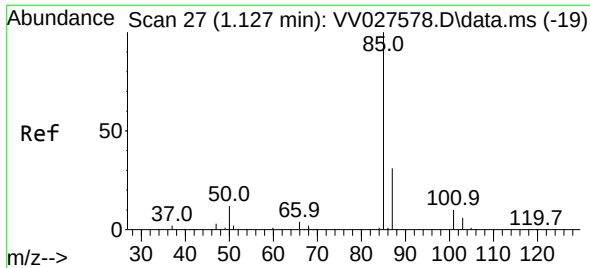
Quant Time: Aug 31 04:52:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	72660	5.041	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	111277	4.658	ug/L	100
30) Cyclohexane	4.673	56	74314	4.052	ug/L	95
31) Carbon tetrachloride	4.825	117	92175	4.437	ug/L	99
33) Benzene	5.098	78	245281	4.740	ug/L	100
34) Trichloroethene	5.911	95	64955	4.770	ug/L	98
35) Methylcyclohexane	6.130	83	74830	3.907	ug/L	99
37) 1,2-Dichloropropane	6.172	63	71756	5.201	ug/L	99
38) Bromodichloromethane	6.509	83	89650	5.125	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	68053	4.091	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	349789	56.745	ug/L	99
42) Toluene	7.387	91	270856	5.071	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	57750	4.106	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	46802	5.306	ug/L	99
47) Tetrachloroethene	7.972	164	53567	5.049	ug/L	98
48) 2-Hexanone	8.140	43	258015	58.088	ug/L	98
49) Dibromochloromethane	8.242	129	54244	5.001	ug/L	98
50) 1,2-Dibromoethane	8.352	107	40021	5.198	ug/L	97
51) Chlorobenzene	8.879	112	167015	4.831	ug/L	97
52) Ethylbenzene	9.011	91	260480	4.778	ug/L	99
53) m,p-Xylene	9.140	106	101097	4.845	ug/L	97
54) o-Xylene	9.541	106	97149	4.800	ug/L	96
55) Styrene	9.561	104	143731	4.174	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	54701	5.506	ug/L	99
59) Bromoform	9.731	173	26315	4.969	ug/L	99
60) Isopropylbenzene	9.931	105	263954	5.077	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	38933	5.616	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	66358	4.603	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	193347	4.760	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	130691	5.102	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	130249	5.100	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	121481	5.231	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	7779	5.051	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	88757	4.642	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	65028	4.680	ug/L	98
71) Naphthalene	13.499	128	93157	4.857	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	59070	4.786	ug/L	97

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

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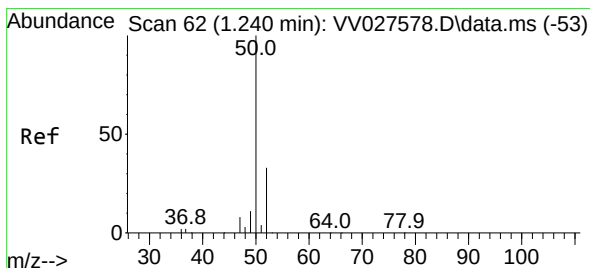
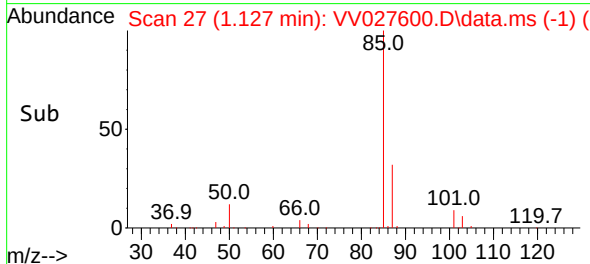
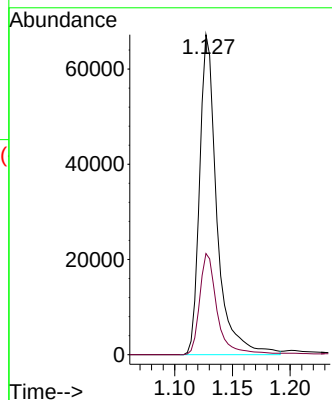
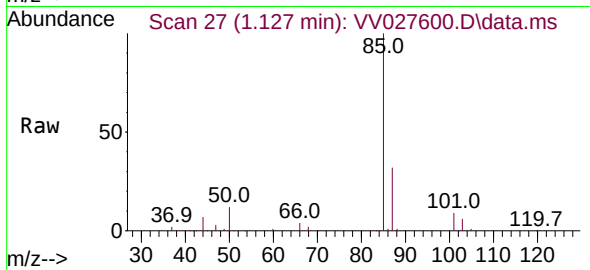




#2
 Dichlorodifluoromethane
 Concen: 4.091 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV027600.D
 Acq: 30 Aug 2022 20:58

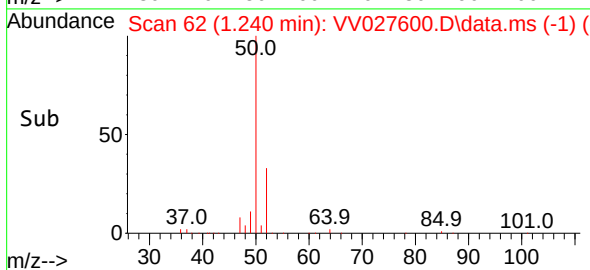
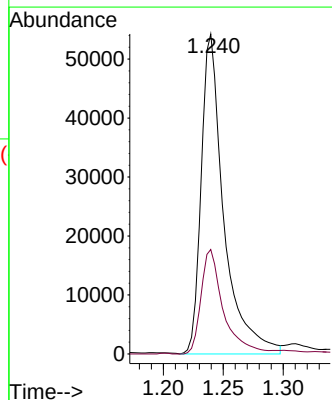
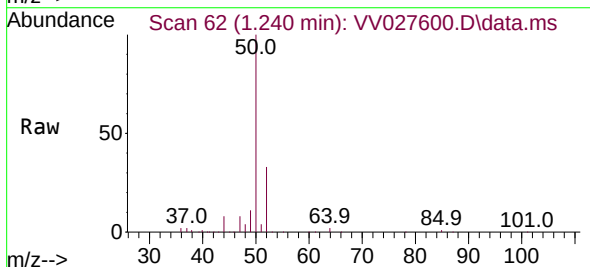
Instrument :
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 ClientSampleId :

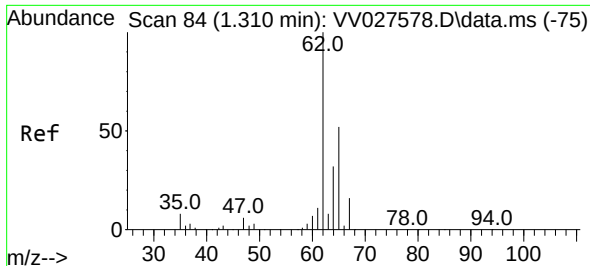
Tgt Ion: 85 Resp: 70190
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.0 39.0



#3
 Chloromethane
 Concen: 4.763 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV027600.D
 Acq: 30 Aug 2022 20:58

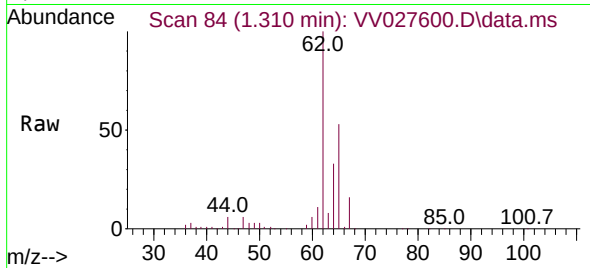
Tgt Ion: 50 Resp: 71350
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.8 42.4



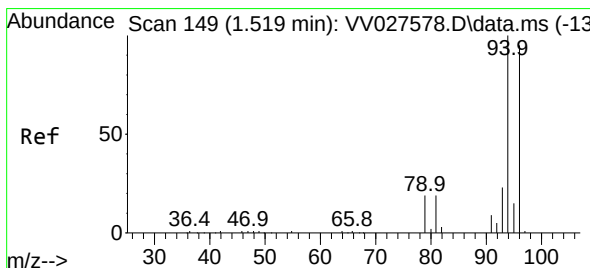
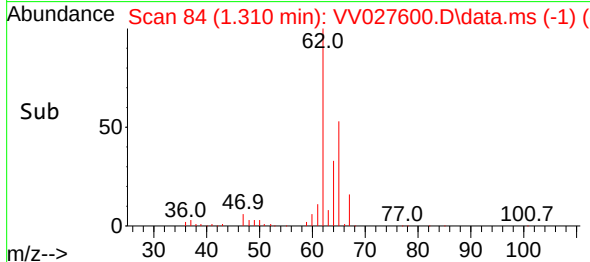
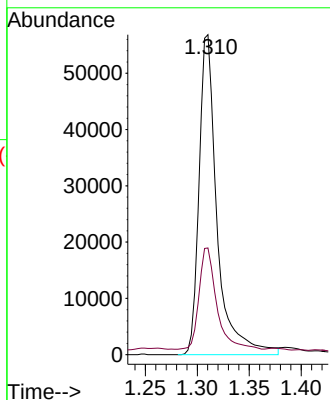


#5
 Vinyl chloride
 Concen: 4.563 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV027600.D
 Acq: 30 Aug 2022 20:58

Instrument :
 MSVOA_V
 ClientSampleId :

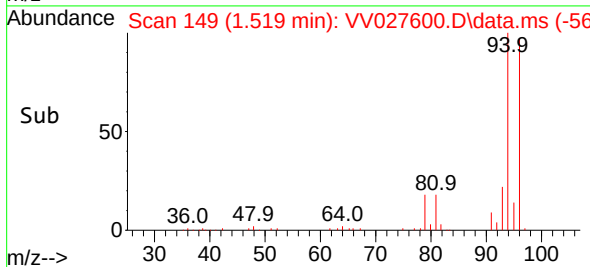
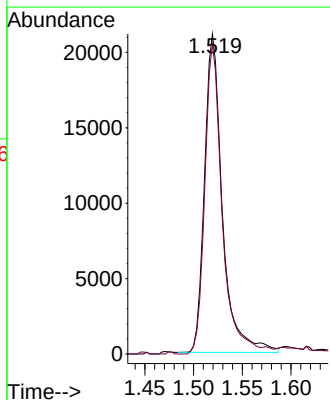
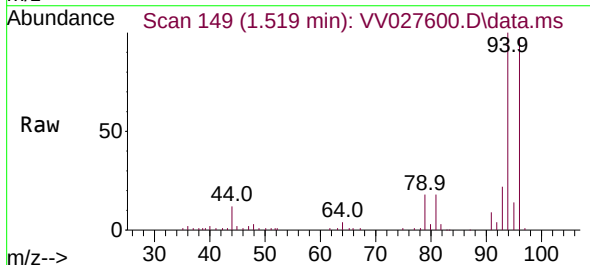


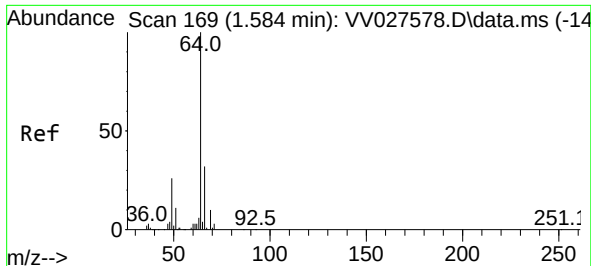
Tgt Ion: 62 Resp: 68814
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.6 42.0



#6
 Bromomethane
 Concen: 3.614 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV027600.D
 Acq: 30 Aug 2022 20:58

Tgt Ion: 94 Resp: 26952
 Ion Ratio Lower Upper
 94 100
 96 96.9 65.2 121.0

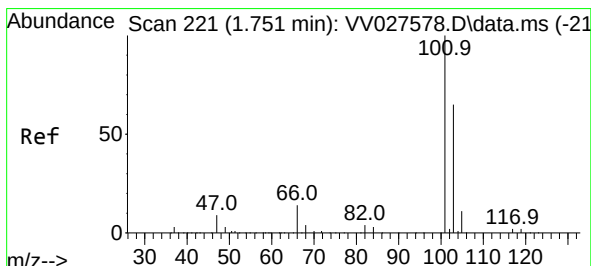
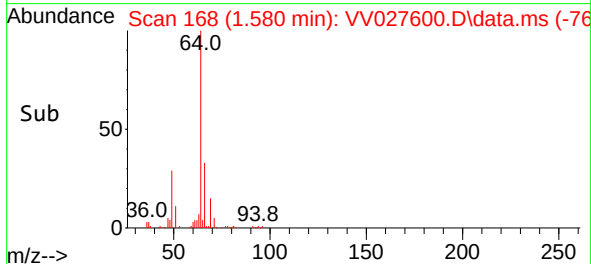
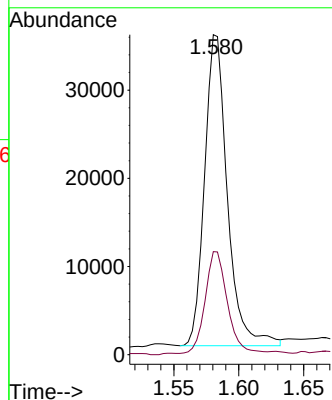
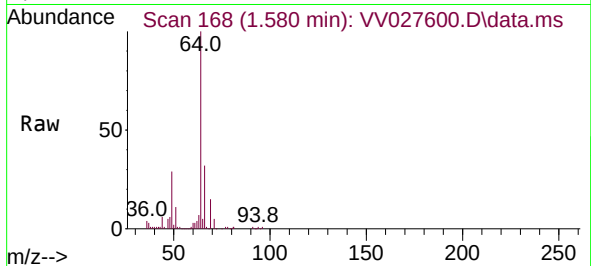




#8
Chloroethane
Concen: 4.891 ug/L
RT: 1.580 min Scan# 169
Delta R.T. -0.003 min
Lab File: VV027600.D
Acq: 30 Aug 2022 20:58

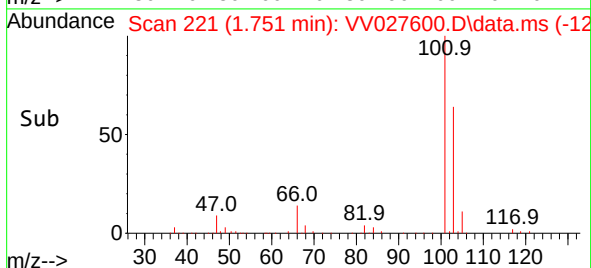
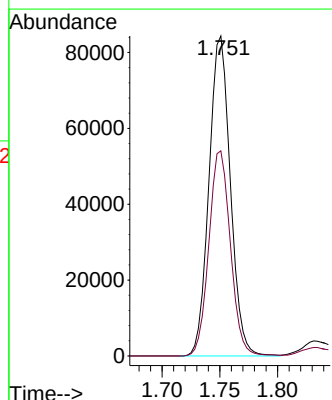
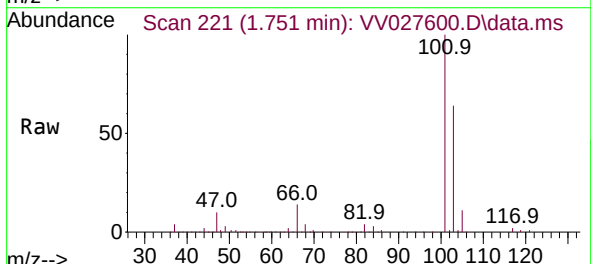
Instrument :
MSVOA_V
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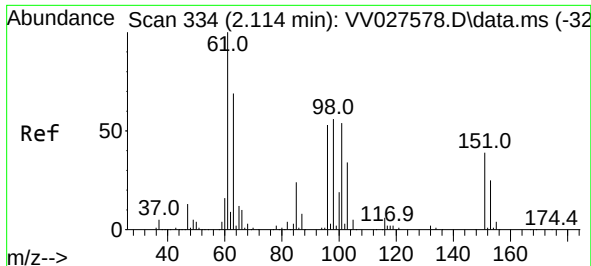
Tgt Ion: 64 Resp: 43109
Ion Ratio Lower Upper
64 100
66 32.2 23.3 43.3



#9
Trichlorofluoromethane
Concen: 4.536 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV027600.D
Acq: 30 Aug 2022 20:58

Tgt Ion:101 Resp: 108691
Ion Ratio Lower Upper
101 100
103 64.6 51.5 77.3

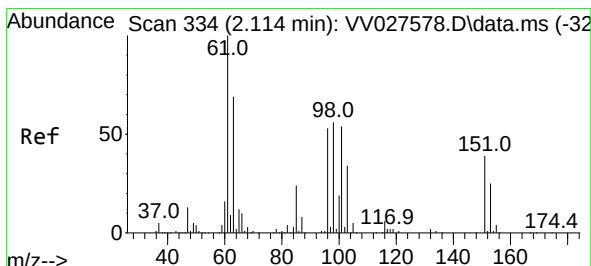
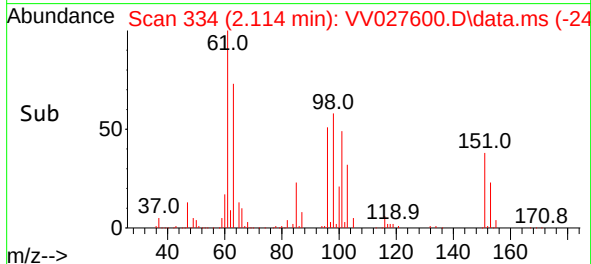
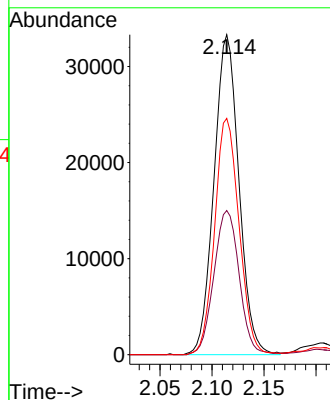
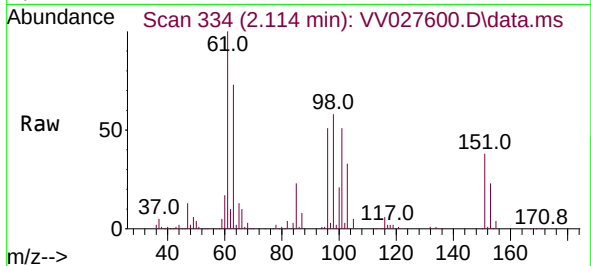




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.118 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV027600.D
 Acq: 30 Aug 2022 20:58

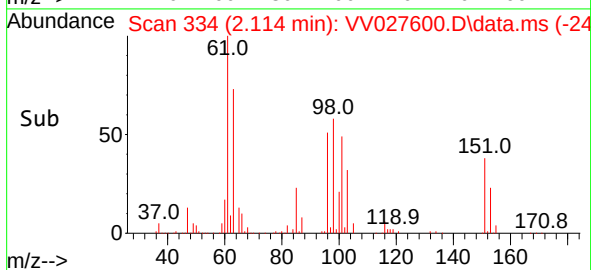
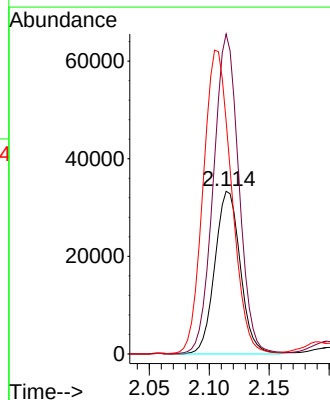
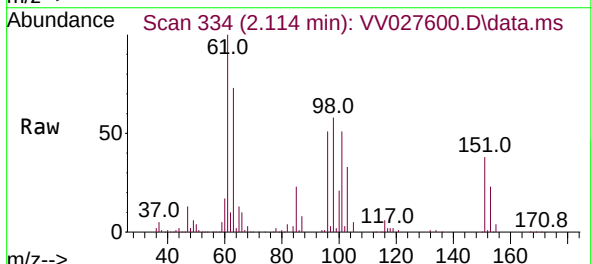
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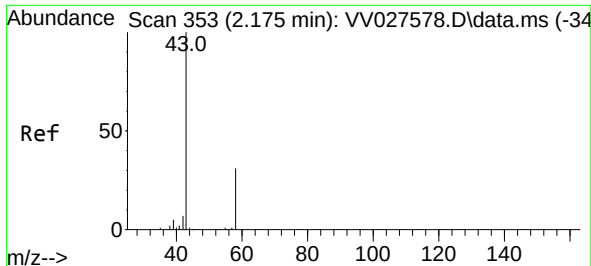
Tgt Ion:101 Resp: 55690
 Ion Ratio Lower Upper
 101 100
 85 45.7 35.3 52.9
 151 72.3 55.2 82.8



#12
 1,1-Dichloroethene
 Concen: 4.016 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV027600.D
 Acq: 30 Aug 2022 20:58

Tgt Ion: 96 Resp: 49126
 Ion Ratio Lower Upper
 96 100
 61 196.7 130.2 241.8
 63 143.2 87.4 162.4





#13

Acetone

Concen: 47.824 ug/L

RT: 2.169 min Scan# 3

Delta R.T. -0.007 min

Lab File: VV027600.D

Acq: 30 Aug 2022 20:58

Instrument :

MSVOA_V

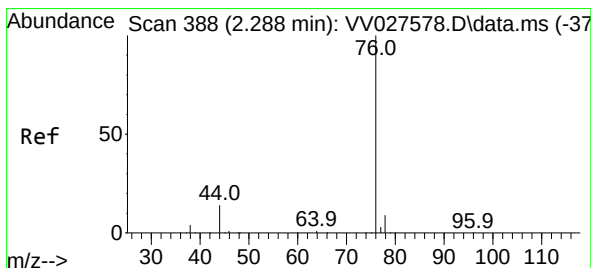
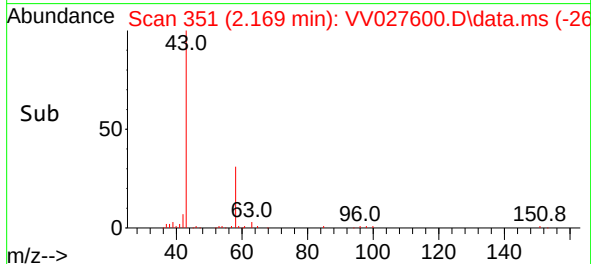
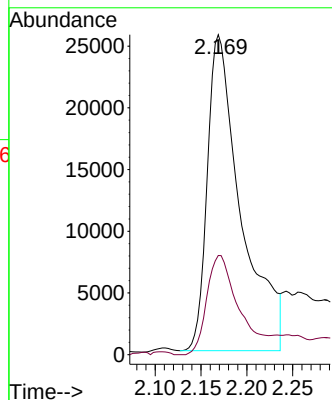
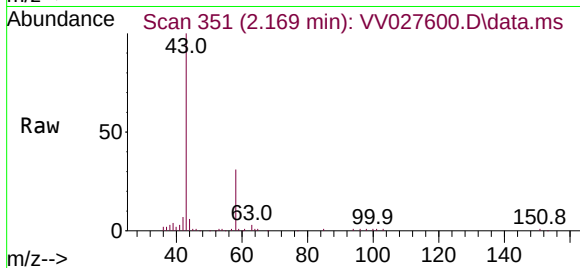
ClientSampleId :

Tgt Ion: 43 Resp: 65403

Ion Ratio Lower Upper

43 100

58 30.0 0.0 62.2



#14

Carbon disulfide

Concen: 3.615 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.003 min

Lab File: VV027600.D

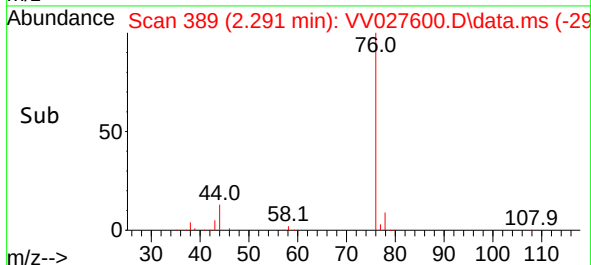
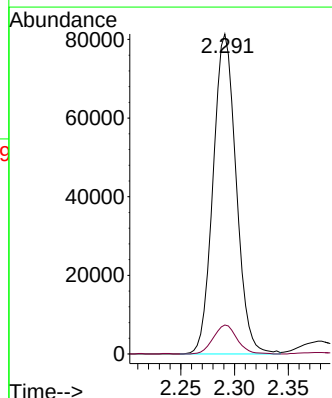
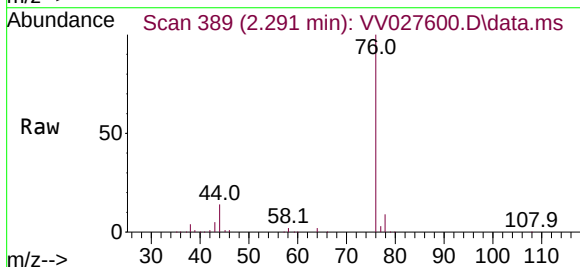
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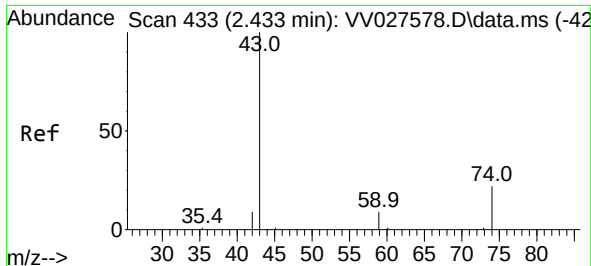
Tgt Ion: 76 Resp: 121357

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

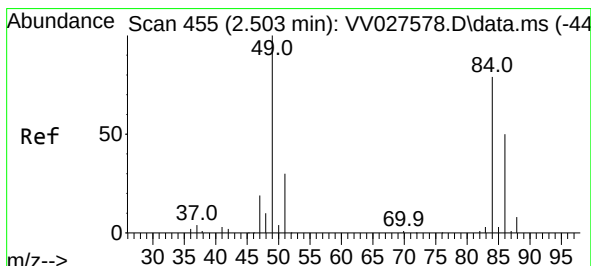
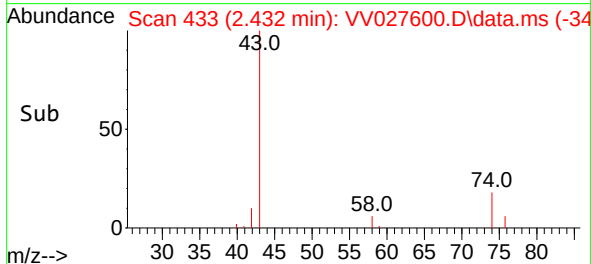
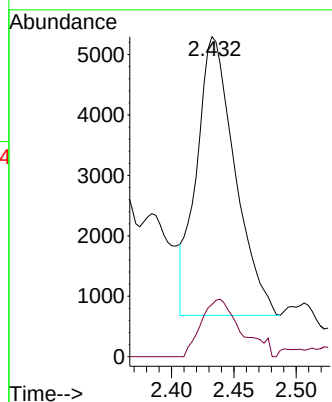
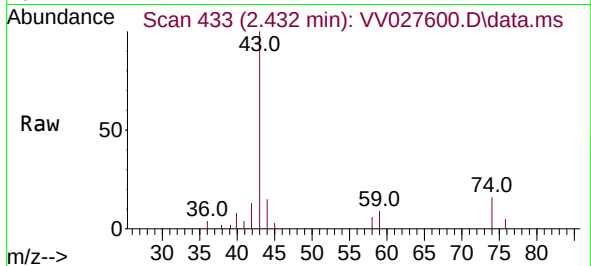




#15
Methyl Acetate
Concen: 2.607 ug/L
RT: 2.432 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV027600.D
Acq: 30 Aug 2022 20:58

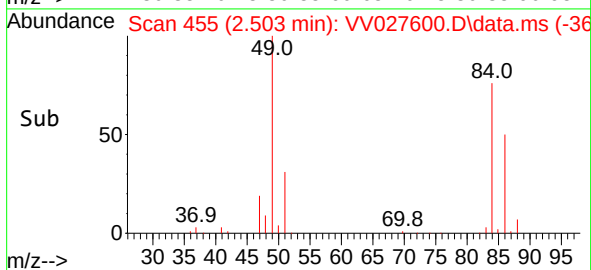
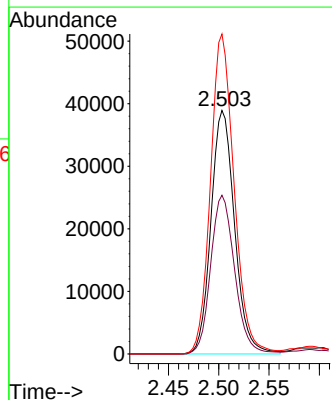
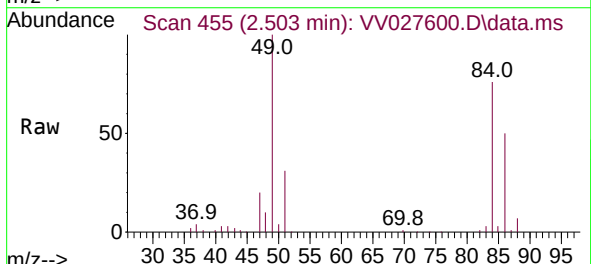
Instrument :
MSVOA_V
ClientSampleId :

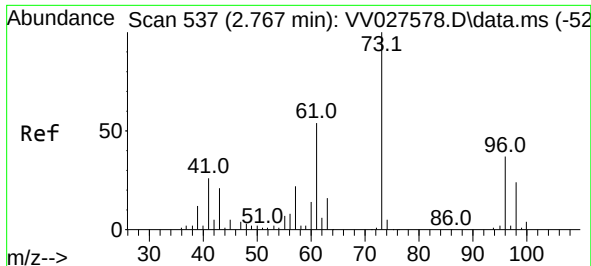
Tgt Ion: 43 Resp: 9872
Ion Ratio Lower Upper
43 100
74 21.3 16.3 24.5



#16
Methylene chloride
Concen: 3.456 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV027600.D
Acq: 30 Aug 2022 20:58

Tgt Ion: 84 Resp: 63741
Ion Ratio Lower Upper
84 100
86 65.2 44.0 81.6
49 131.4 89.4 166.0

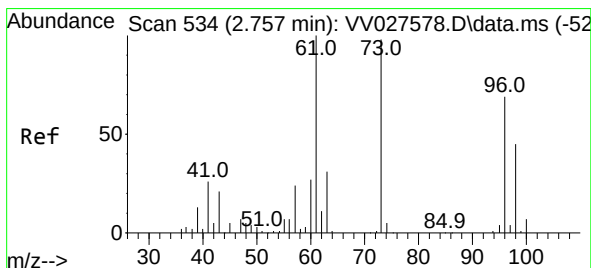
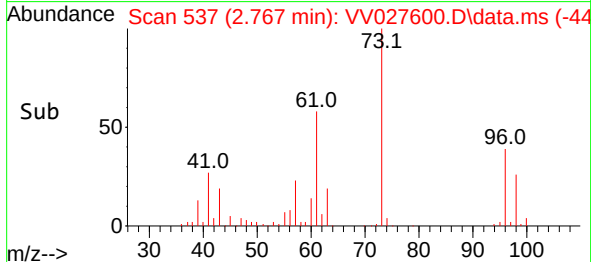
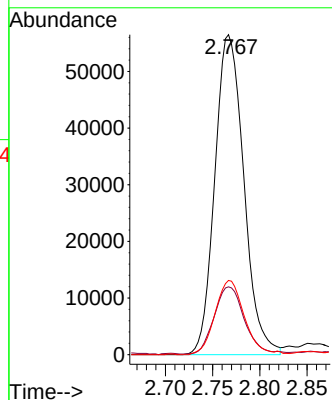
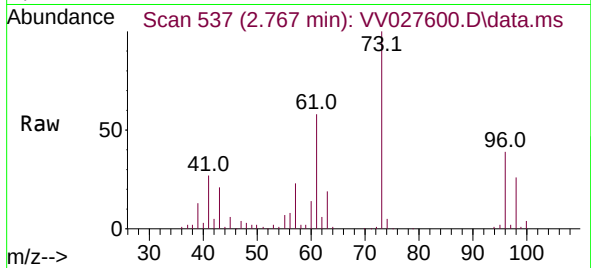




#17
Methyl tert-butyl Ether
Concen: 4.763 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV027600.D
Acq: 30 Aug 2022 20:58

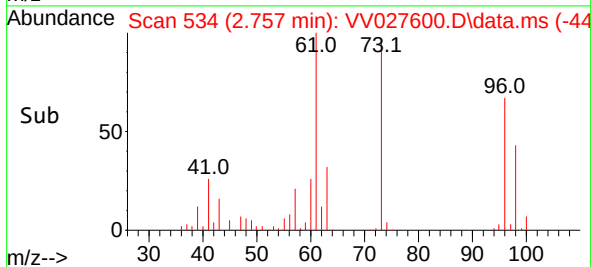
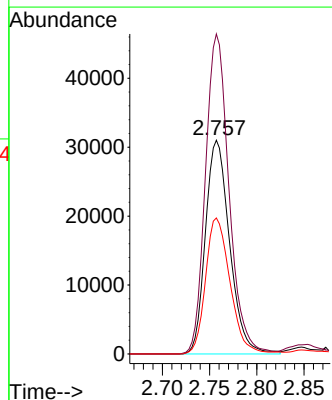
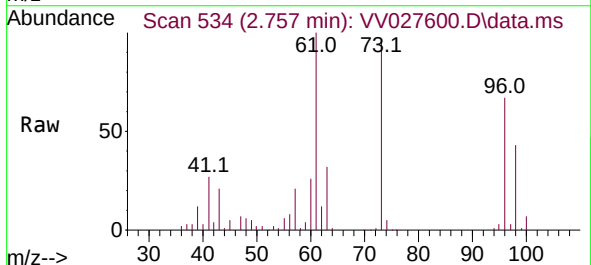
Instrument :
MSVOA_V
ClientSampleId :

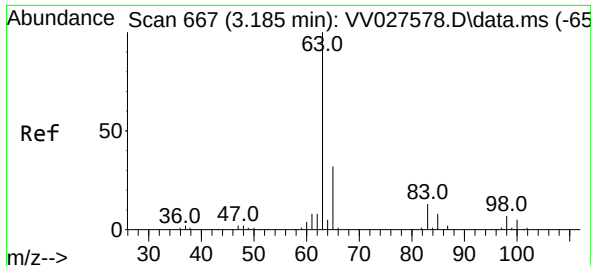
Tgt Ion: 73 Resp: 120558
Ion Ratio Lower Upper
73 100
43 21.8 15.6 23.4
57 23.2 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.387 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV027600.D
Acq: 30 Aug 2022 20:58

Tgt Ion: 96 Resp: 55283
Ion Ratio Lower Upper
96 100
61 149.7 97.6 181.4
98 63.6 45.9 85.3





#19

1,1-Dichloroethane

Concen: 4.807 ug/L

RT: 3.185 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV027600.D

Acq: 30 Aug 2022 20:58

Instrument :

MSVOA_V

ClientSampleId :

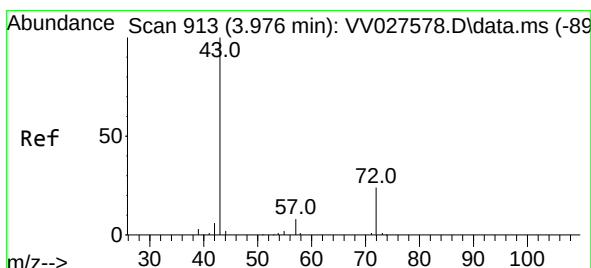
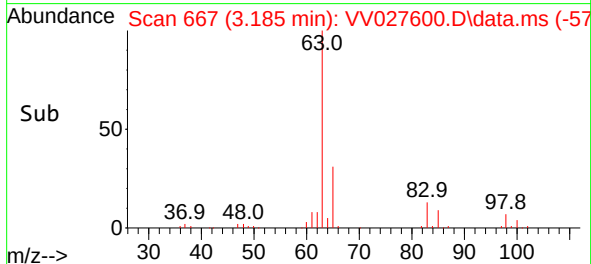
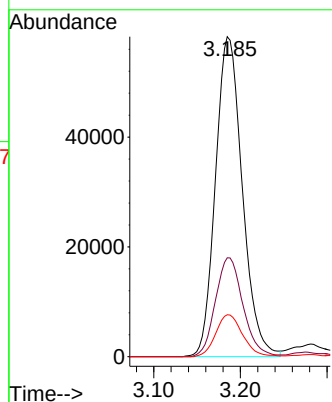
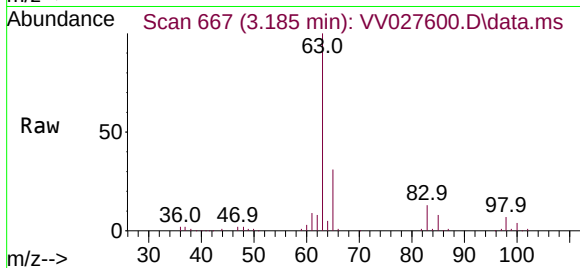
Tgt Ion: 63 Resp: 125420

Ion Ratio Lower Upper

63 100

65 30.9 22.1 41.1

83 13.1 9.6 17.8



#21

2-Butanone

Concen: 53.489 ug/L

RT: 3.969 min Scan# 911

Delta R.T. -0.007 min

Lab File: VV027600.D

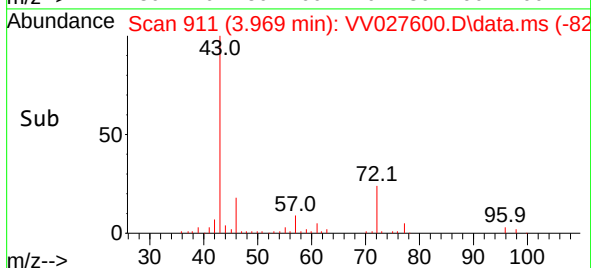
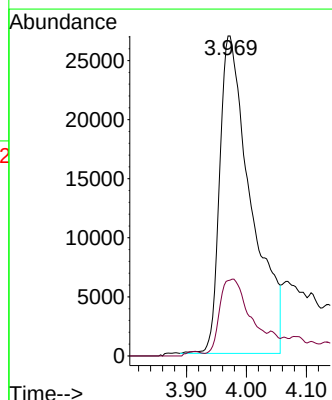
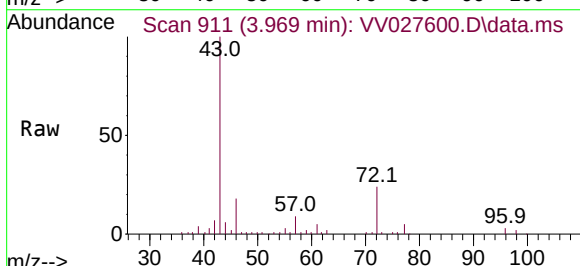
Acq: 30 Aug 2022 20:58

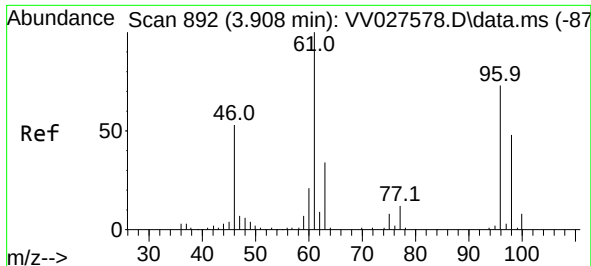
Tgt Ion: 43 Resp: 97349

Ion Ratio Lower Upper

43 100

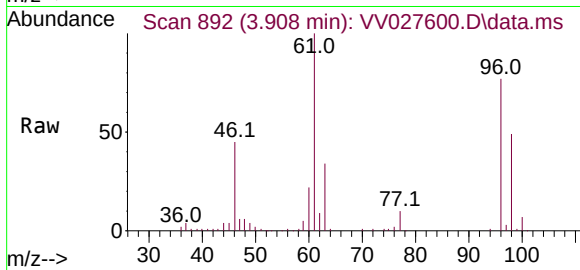
72 22.0 12.0 36.1





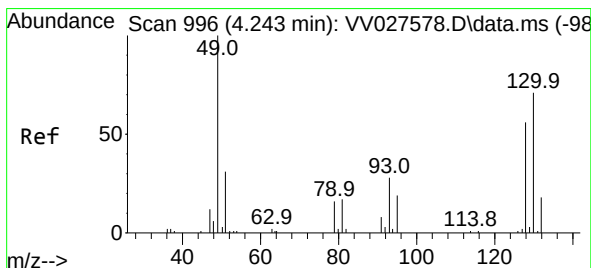
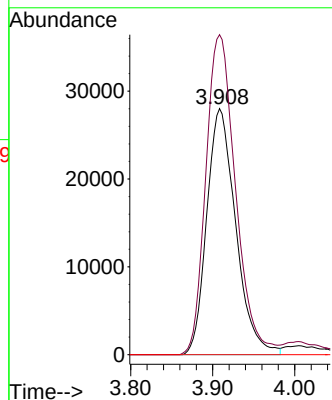
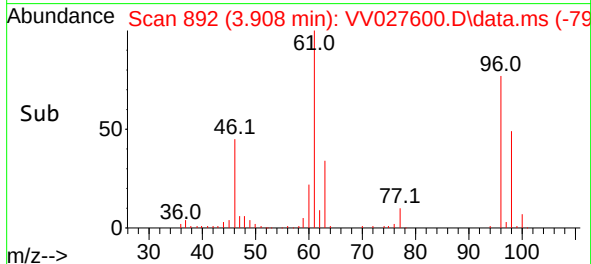
#22
 cis-1,2-Dichloroethene
 Concen: 5.134 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. -0.000 min
 Lab File: VV027600.D
 Acq: 30 Aug 2022 20:58

Instrument :
 MSVOA_V
 ClientSampleId :

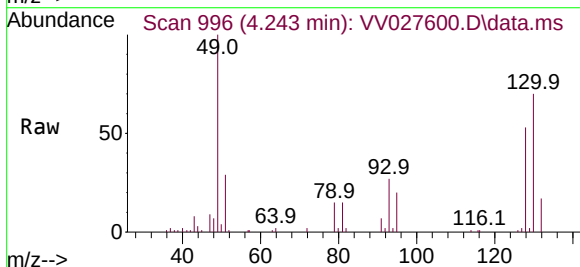


Tgt Ion: 96 Resp: 68953

Ion	Ratio	Lower	Upper
96	100		
61	130.1	90.6	168.2
68	0.0	0.0	0.0

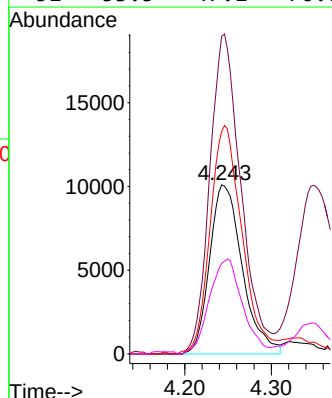
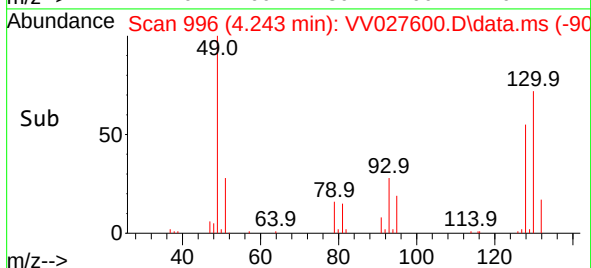


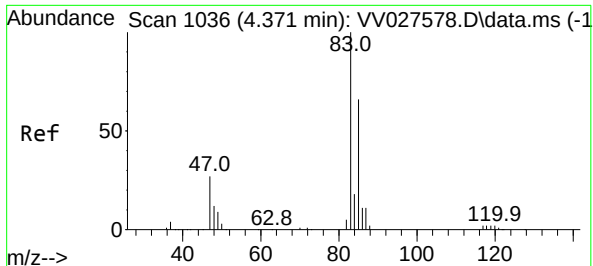
#23
 Bromochloromethane
 Concen: 4.472 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VV027600.D
 Acq: 30 Aug 2022 20:58



Tgt Ion: 128 Resp: 26487

Ion	Ratio	Lower	Upper
128	100		
49	187.7	127.5	236.7
130	131.4	97.0	180.2
51	53.5	47.1	70.7





#25

Chloroform

Concen: 4.768 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VV027600.D

Acq: 30 Aug 2022 20:58

Instrument :

MSVOA_V

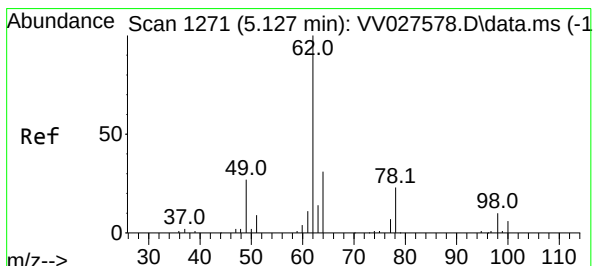
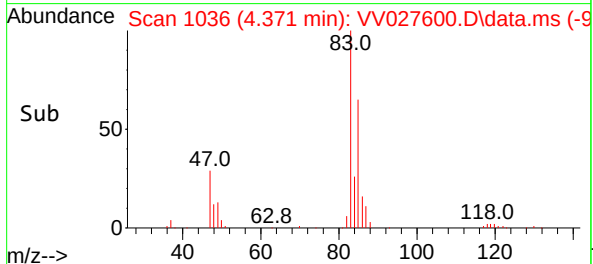
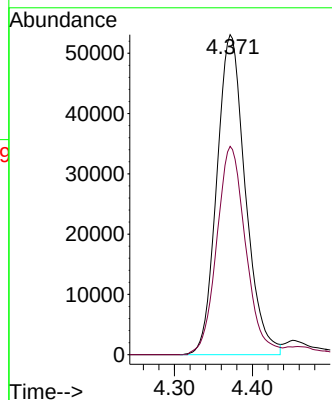
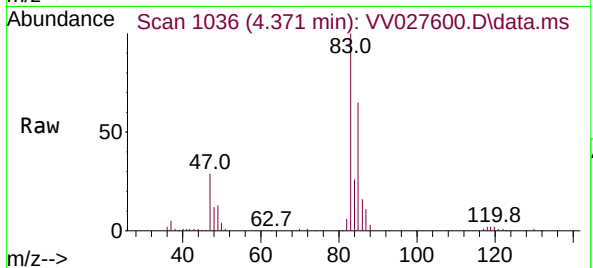
ClientSampleId :

Tgt Ion: 83 Resp: 135277

Ion Ratio Lower Upper

83 100

85 65.1 43.3 80.5



#27

1,2-Dichloroethane

Concen: 5.041 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VV027600.D

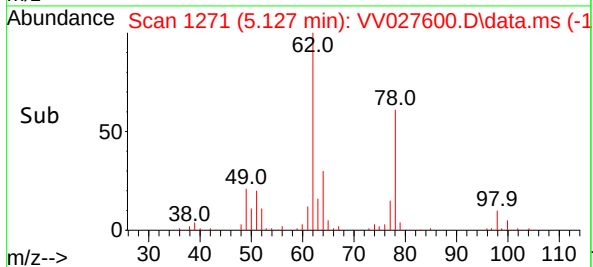
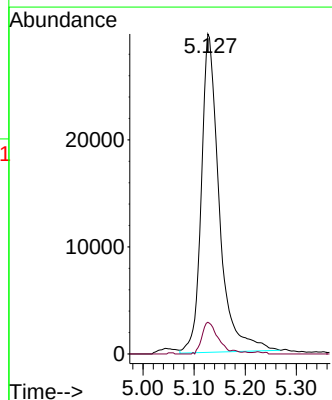
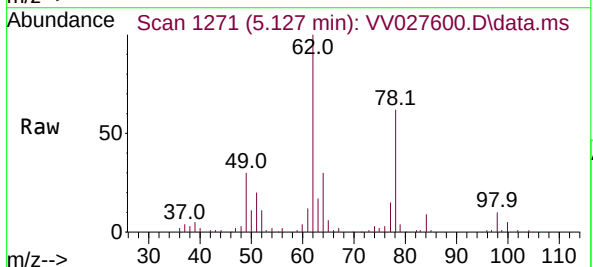
Acq: 30 Aug 2022 20:58

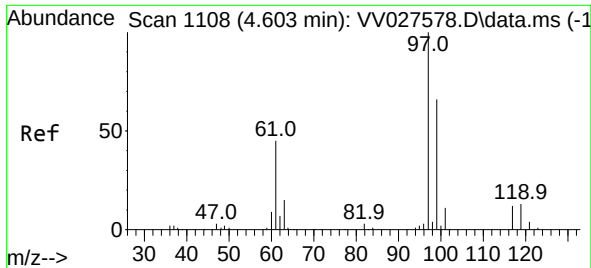
Tgt Ion: 62 Resp: 72660

Ion Ratio Lower Upper

62 100

98 9.9 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 4.658 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV027600.D

Acq: 30 Aug 2022 20:58

Instrument :

MSVOA_V

ClientSampleId :

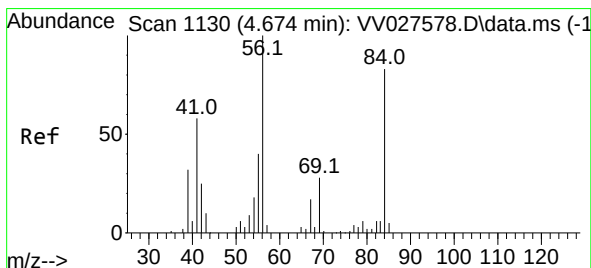
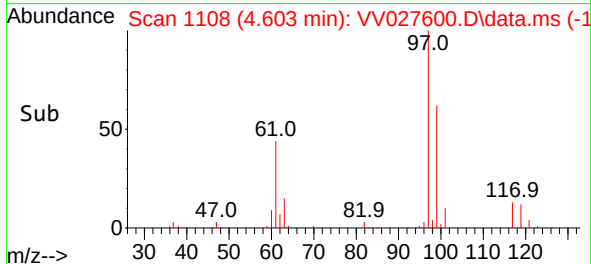
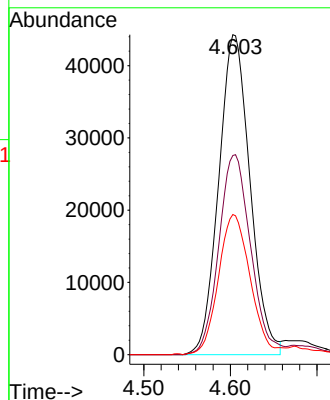
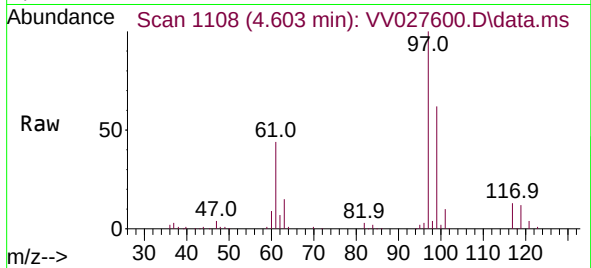
Tgt Ion: 97 Resp: 111277

Ion Ratio Lower Upper

97 100

99 63.8 51.1 76.7

61 44.8 35.9 53.9



#30

Cyclohexane

Concen: 4.052 ug/L

RT: 4.673 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VV027600.D

Acq: 30 Aug 2022 20:58

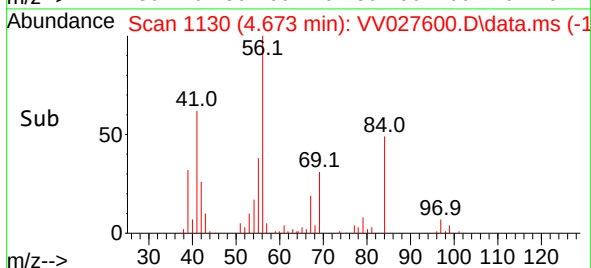
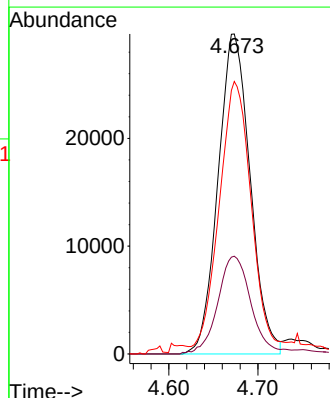
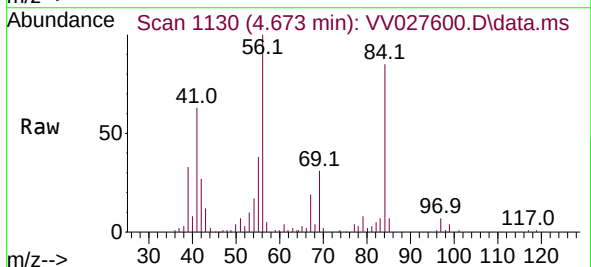
Tgt Ion: 56 Resp: 74314

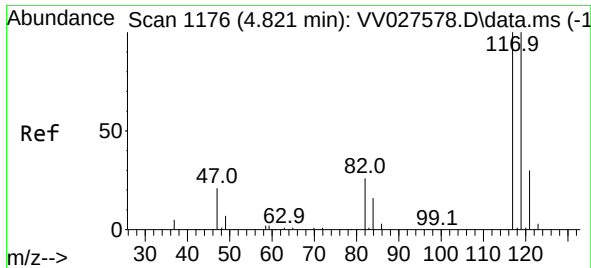
Ion Ratio Lower Upper

56 100

69 31.6 25.4 38.0

84 80.9 69.7 104.5

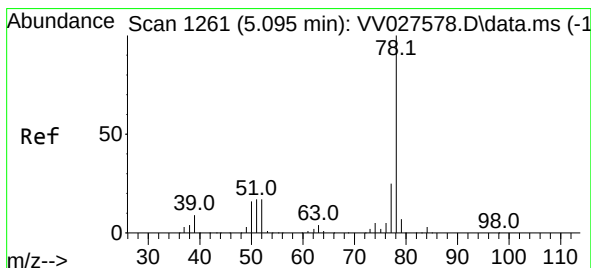
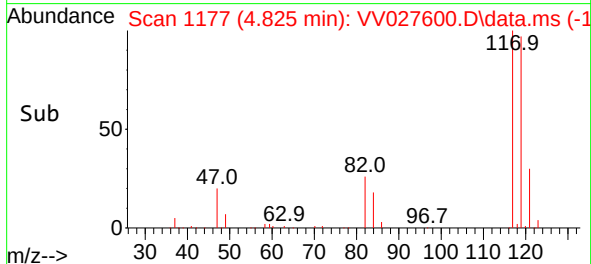
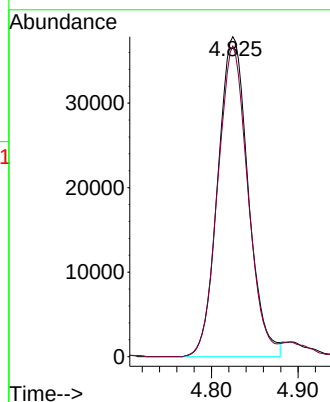
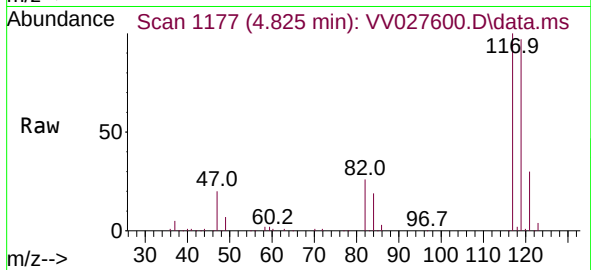




#31
Carbon tetrachloride
Concen: 4.437 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV027600.D
Acq: 30 Aug 2022 20:58

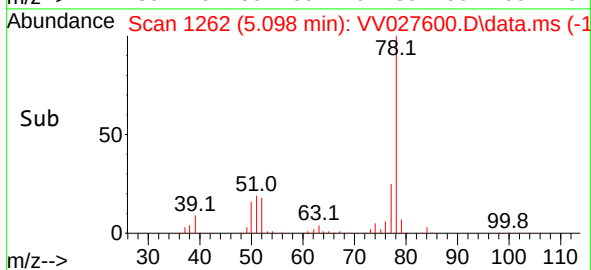
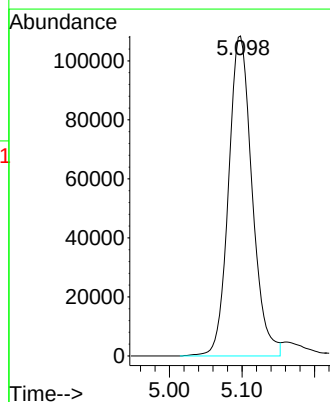
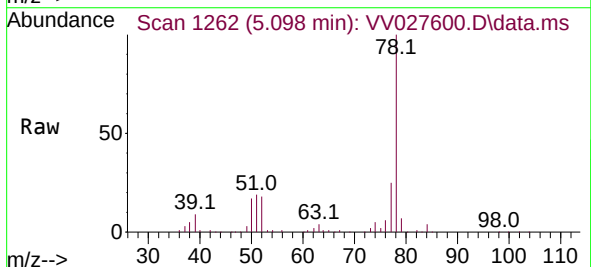
Instrument :
MSVOA_V
ClientSampleId :

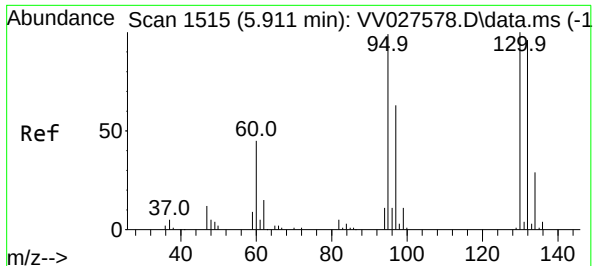
Tgt Ion:117 Resp: 92175
Ion Ratio Lower Upper
117 100
119 96.0 76.1 114.1



#33
Benzene
Concen: 4.740 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV027600.D
Acq: 30 Aug 2022 20:58

Tgt Ion: 78 Resp: 245281

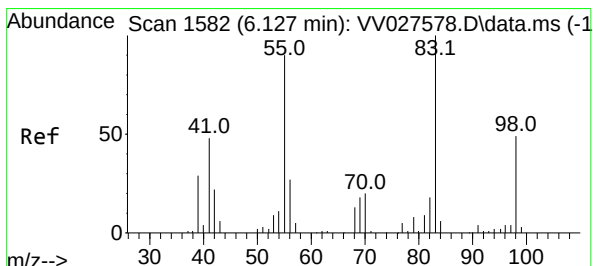
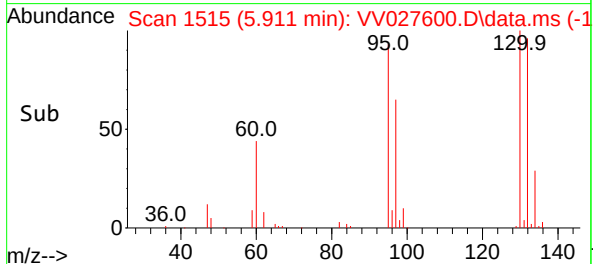
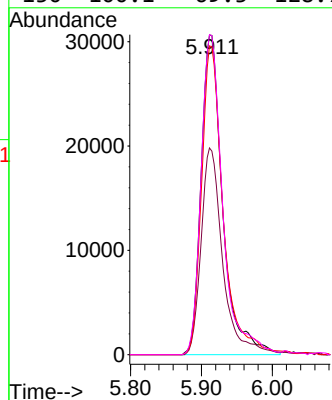
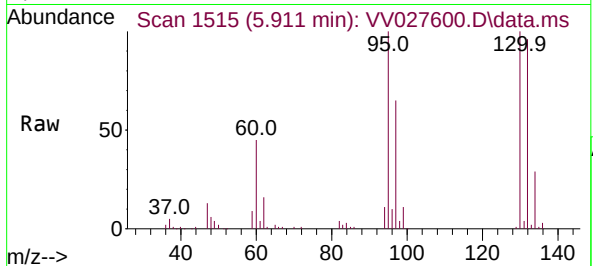




#34
Trichloroethene
Concen: 4.770 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VV027600.D
Acq: 30 Aug 2022 20:58

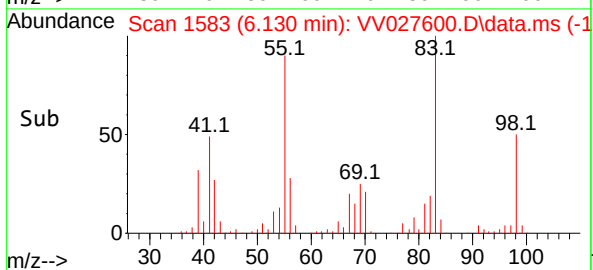
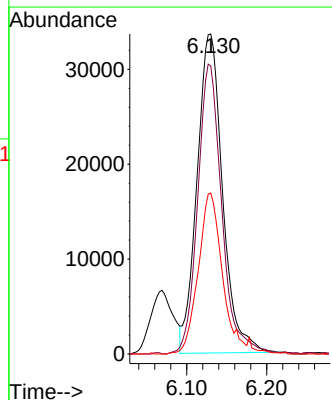
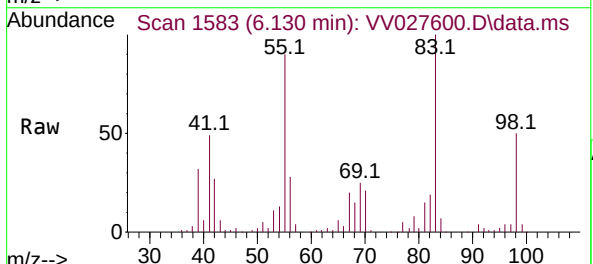
Instrument :
MSVOA_V
ClientSampleId :

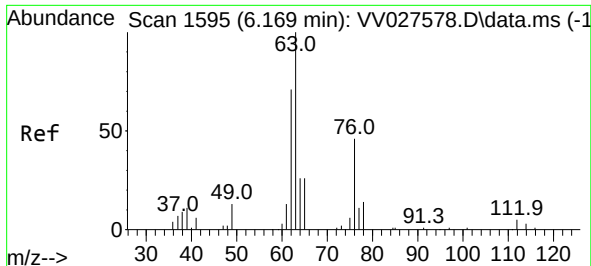
Tgt Ion: 95 Resp: 64955
Ion Ratio Lower Upper
95 100
97 64.7 45.0 83.6
132 96.6 65.7 121.9
130 100.1 69.3 128.7



#35
Methylcyclohexane
Concen: 3.907 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV027600.D
Acq: 30 Aug 2022 20:58

Tgt Ion: 83 Resp: 74830
Ion Ratio Lower Upper
83 100
55 86.0 68.2 102.4
98 47.3 39.0 58.4





#37

1,2-Dichloropropane

Concen: 5.201 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027600.D

Acq: 30 Aug 2022 20:58

Instrument :

MSVOA_V

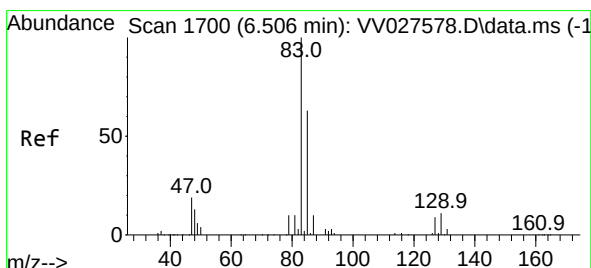
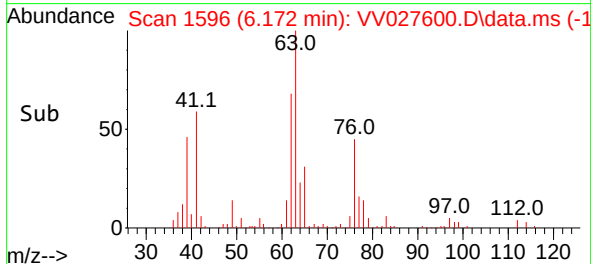
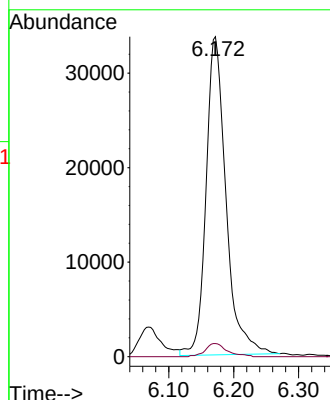
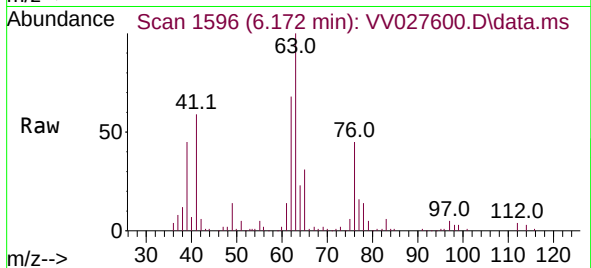
ClientSampleId :

Tgt Ion: 63 Resp: 71756

Ion Ratio Lower Upper

63 100

112 4.6 3.9 5.9



#38

Bromodichloromethane

Concen: 5.125 ug/L

RT: 6.509 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV027600.D

Acq: 30 Aug 2022 20:58

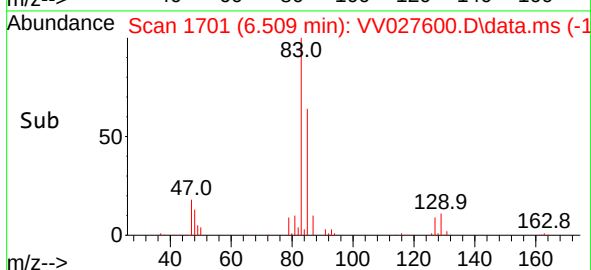
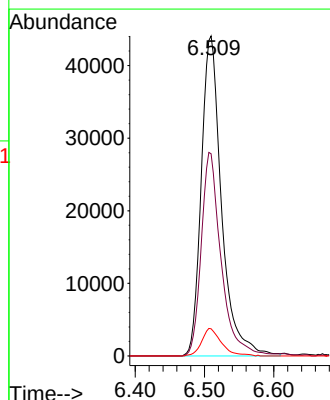
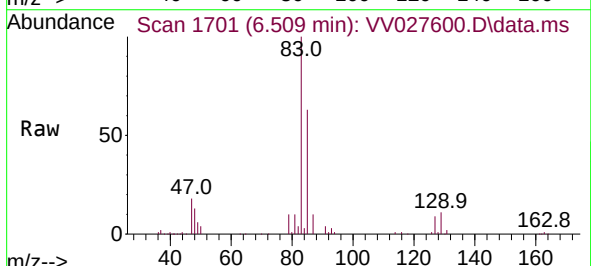
Tgt Ion: 83 Resp: 89650

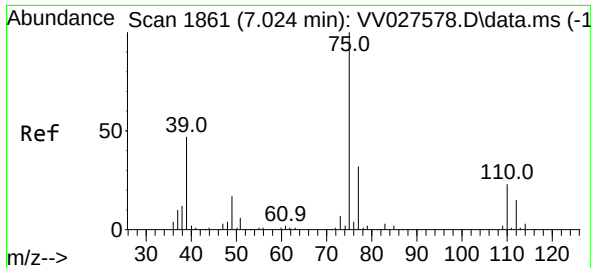
Ion Ratio Lower Upper

83 100

85 63.2 45.3 84.1

127 8.5 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.091 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV027600.D

Acq: 30 Aug 2022 20:58

Instrument :

MSVOA_V

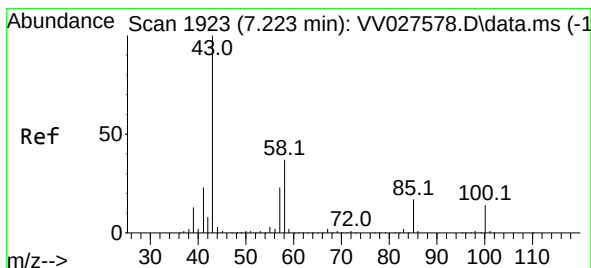
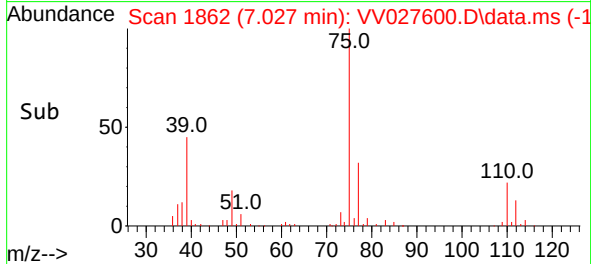
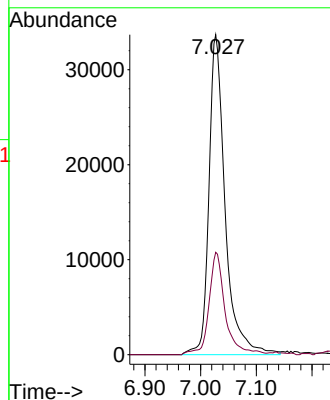
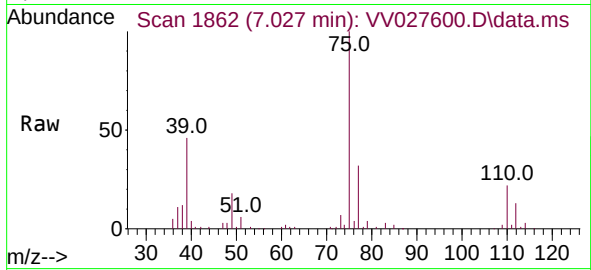
ClientSampleId :

Tgt Ion: 75 Resp: 68053

Ion Ratio Lower Upper

75 100

77 32.0 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 56.745 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV027600.D

Acq: 30 Aug 2022 20:58

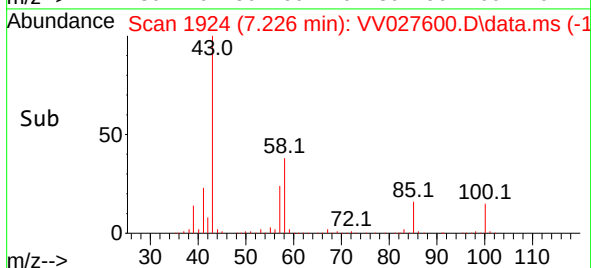
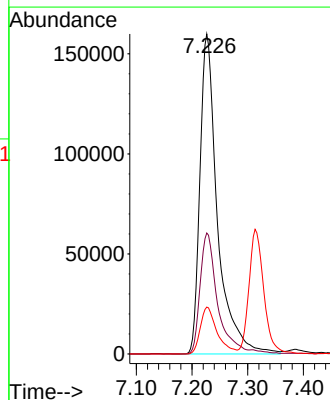
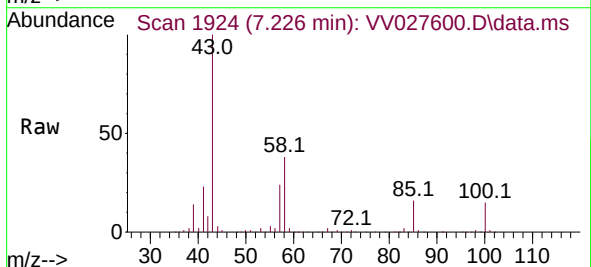
Tgt Ion: 43 Resp: 349789

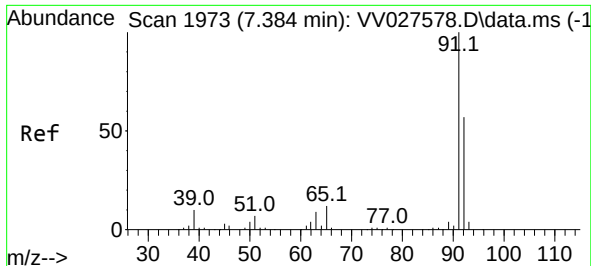
Ion Ratio Lower Upper

43 100

58 37.3 30.6 45.8

100 14.1 11.0 16.4





#42

Toluene

Concen: 5.071 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV027600.D

Acq: 30 Aug 2022 20:58

Instrument :

MSVOA_V

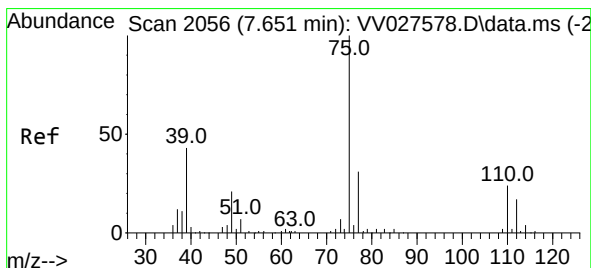
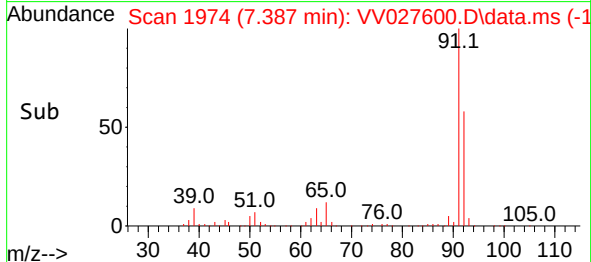
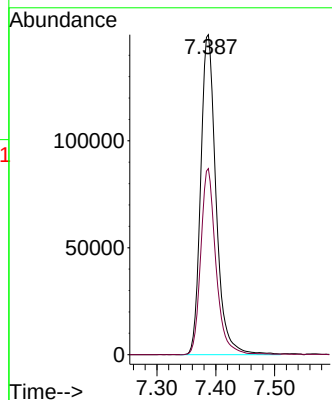
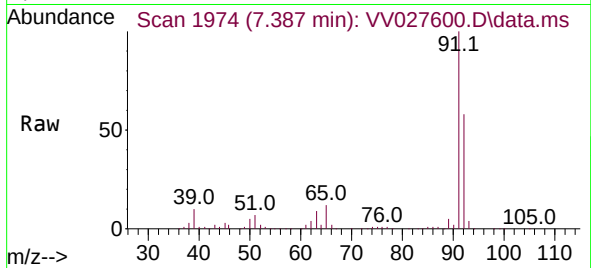
ClientSampleId :

Tgt Ion: 91 Resp: 270856

Ion Ratio Lower Upper

91 100

92 58.1 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 4.106 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VV027600.D

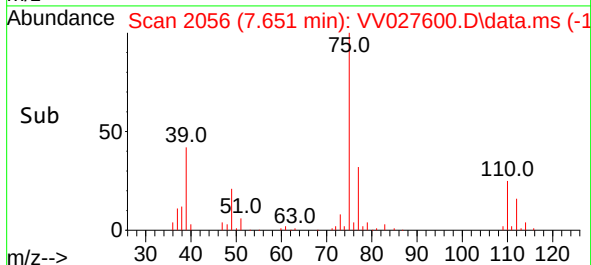
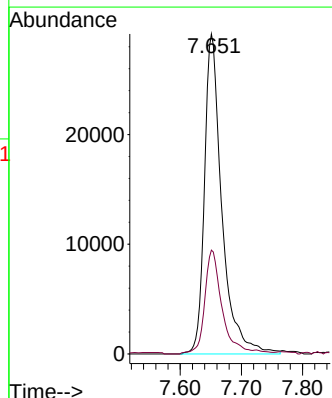
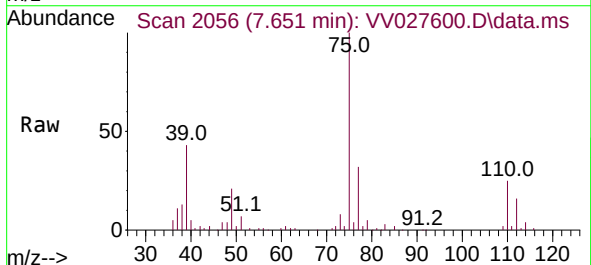
Acq: 30 Aug 2022 20:58

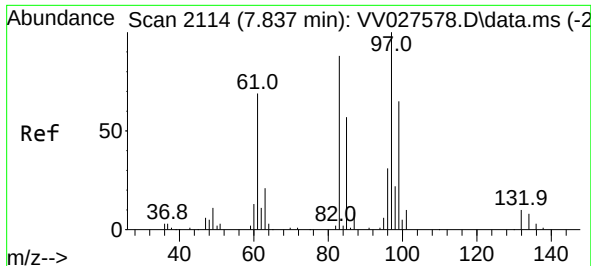
Tgt Ion: 75 Resp: 57750

Ion Ratio Lower Upper

75 100

77 32.4 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 5.306 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. -0.000 min

Lab File: VV027600.D

Acq: 30 Aug 2022 20:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 46802

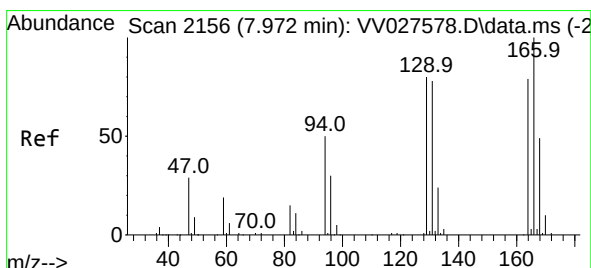
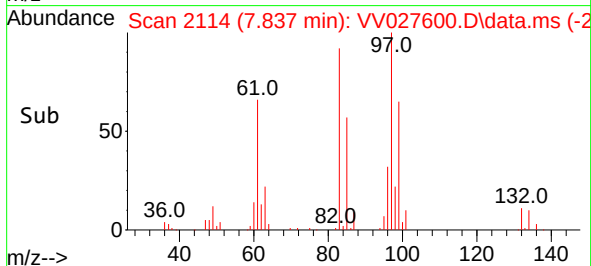
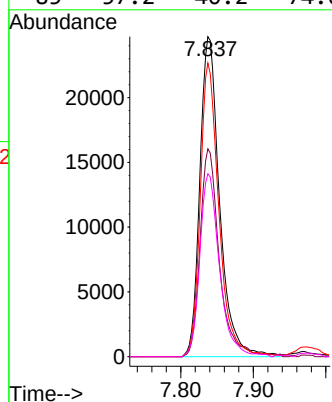
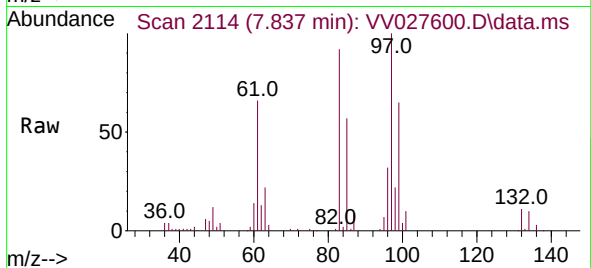
Ion Ratio Lower Upper

97 100

99 65.0 46.1 85.7

83 91.7 63.0 117.0

85 57.2 40.2 74.6



#47

Tetrachloroethene

Concen: 5.049 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV027600.D

Acq: 30 Aug 2022 20:58

Tgt Ion: 164 Resp: 53567

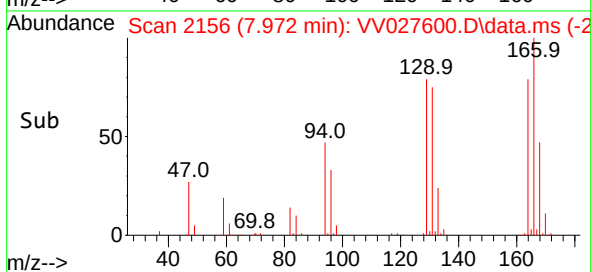
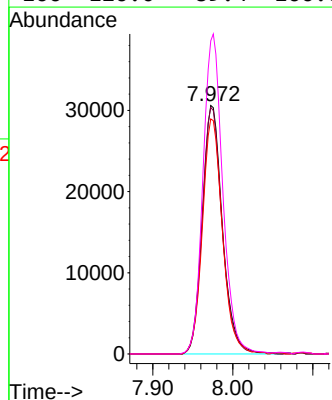
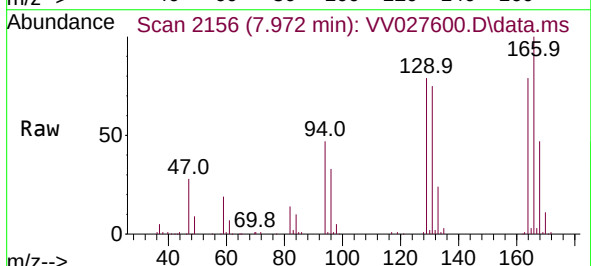
Ion Ratio Lower Upper

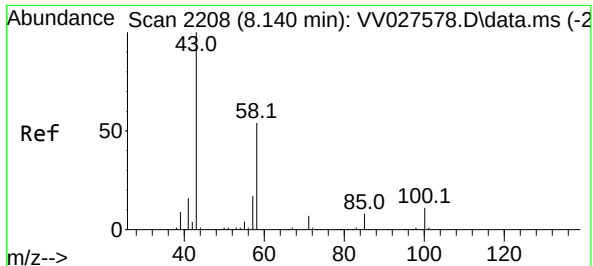
164 100

129 99.3 71.1 132.1

131 94.6 64.5 119.9

166 126.0 89.4 166.0



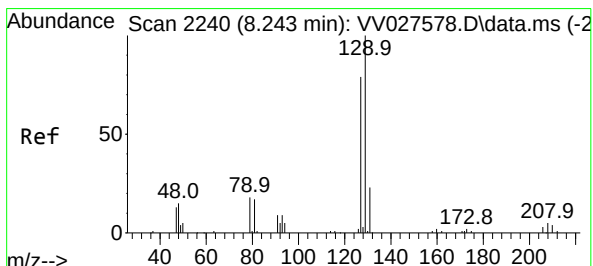
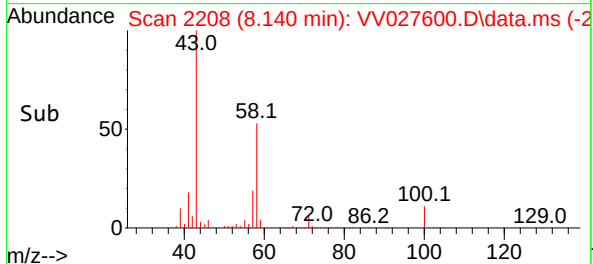
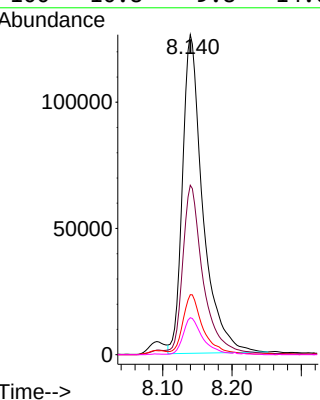
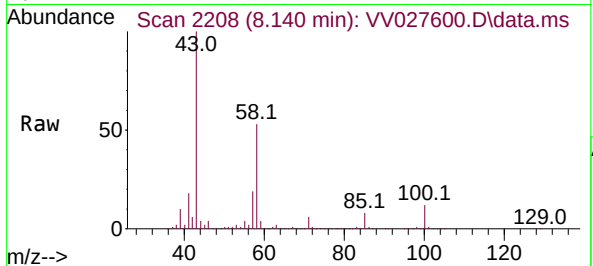


#48
2-Hexanone
Concen: 58.088 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027600.D
Acq: 30 Aug 2022 20:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 258015

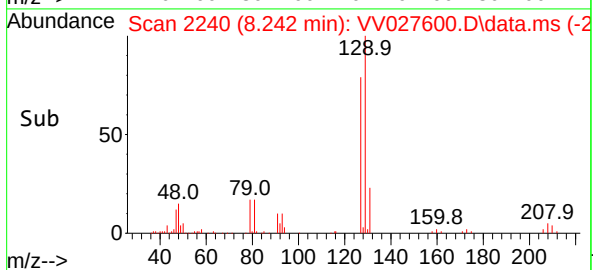
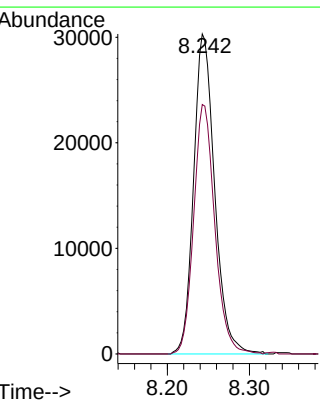
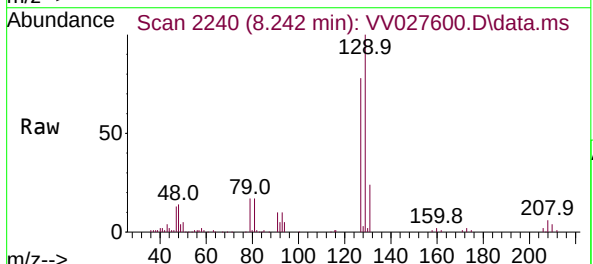
Ion	Ratio	Lower	Upper
43	100		
58	53.1	41.3	61.9
57	18.6	14.9	22.3
100	10.8	9.8	14.6

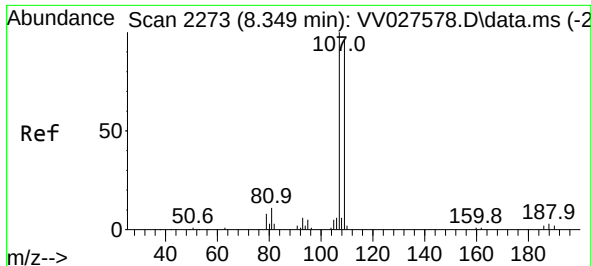


#49
Dibromochloromethane
Concen: 5.001 ug/L
RT: 8.242 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV027600.D
Acq: 30 Aug 2022 20:58

Tgt Ion: 129 Resp: 54244

Ion	Ratio	Lower	Upper
129	100		
127	78.0	55.9	103.7





#50

1,2-Dibromoethane

Concen: 5.198 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV027600.D

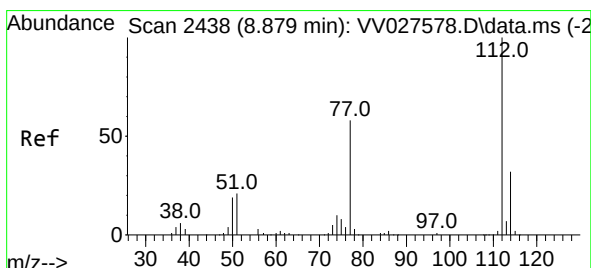
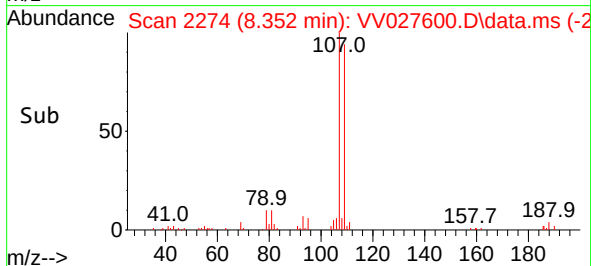
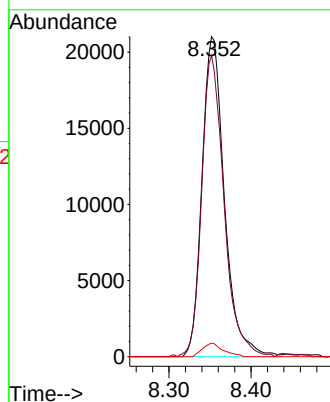
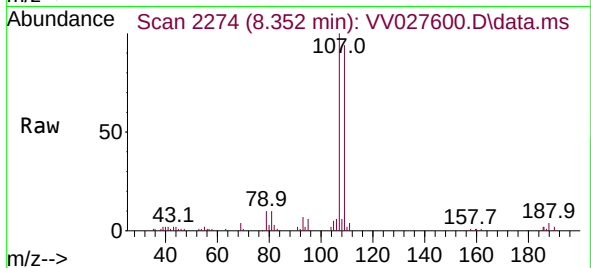
Acq: 30 Aug 2022 20:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	40021
Ion Ratio	Lower	Upper
107	100	
109	94.1	67.8 125.8
188	4.2	3.5 5.3



#51

Chlorobenzene

Concen: 4.831 ug/L

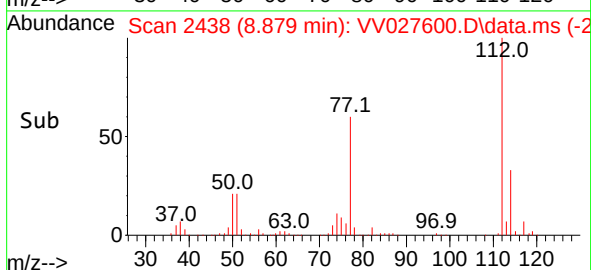
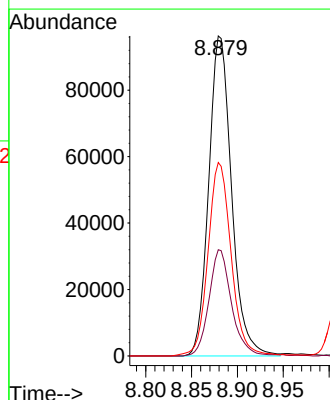
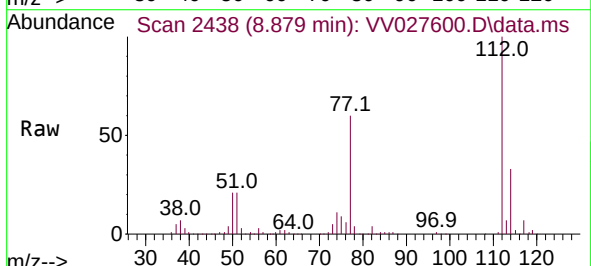
RT: 8.879 min Scan# 2438

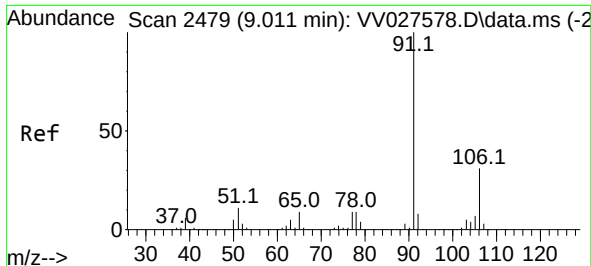
Delta R.T. -0.000 min

Lab File: VV027600.D

Acq: 30 Aug 2022 20:58

Tgt Ion:112	Resp:	167015
Ion Ratio	Lower	Upper
112	100	
114	33.2	22.7 42.1
77	60.5	46.2 69.4

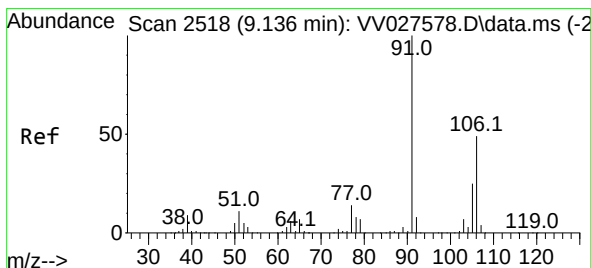
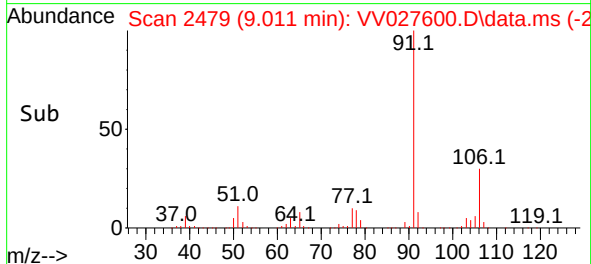
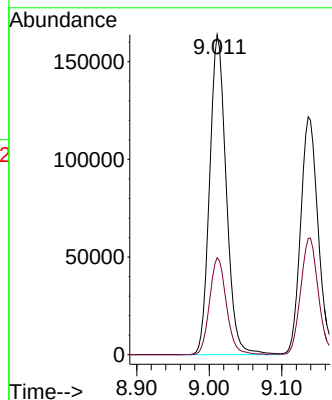
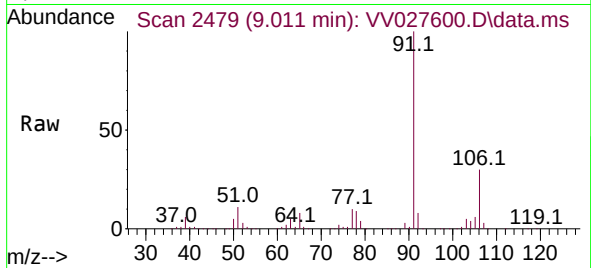




#52
Ethylbenzene
Concen: 4.778 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV027600.D
Acq: 30 Aug 2022 20:58

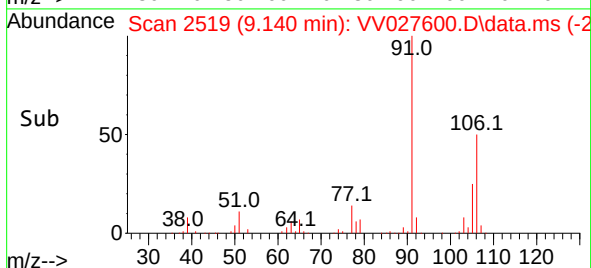
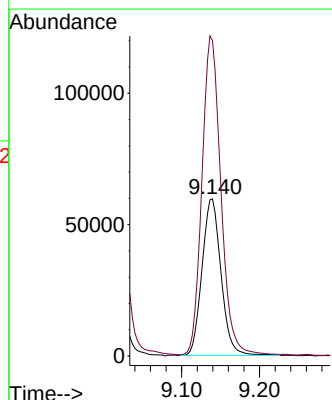
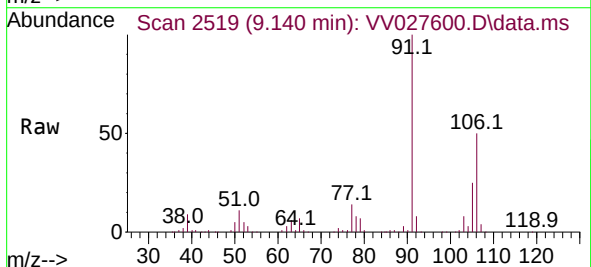
Instrument :
MSVOA_V
ClientSampleId :

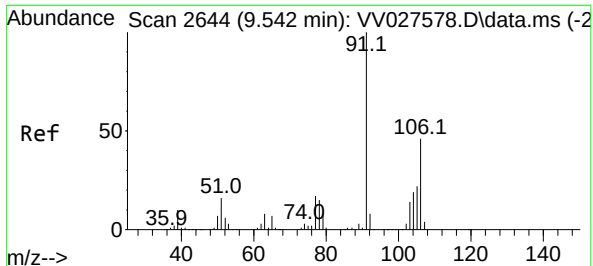
Tgt Ion: 91 Resp: 260480
Ion Ratio Lower Upper
91 100
106 30.3 21.4 39.8



#53
m,p-Xylene
Concen: 4.845 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV027600.D
Acq: 30 Aug 2022 20:58

Tgt Ion: 106 Resp: 101097
Ion Ratio Lower Upper
106 100
91 200.9 143.8 267.0

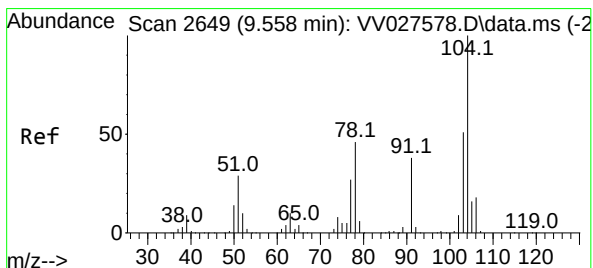
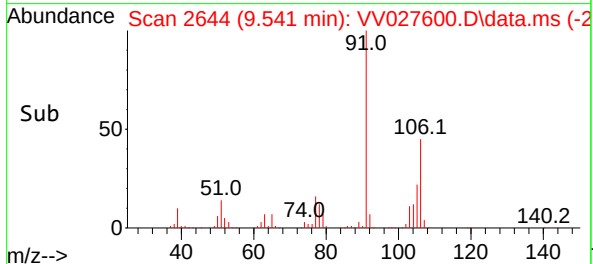
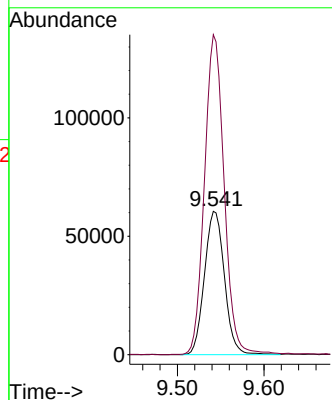
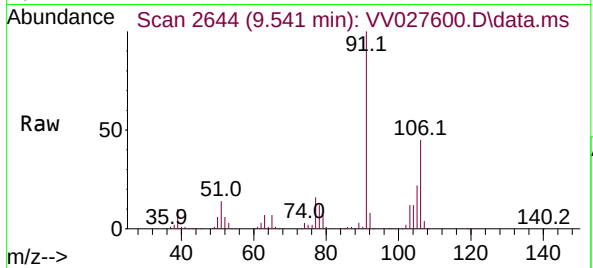




#54
o-Xylene
Concen: 4.800 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027600.D
Acq: 30 Aug 2022 20:58

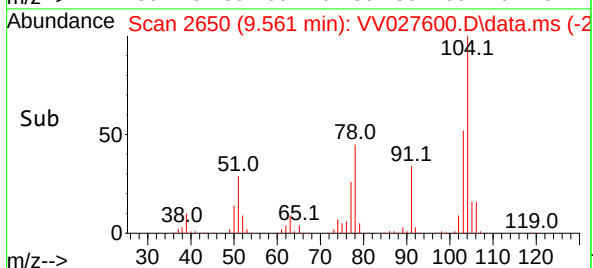
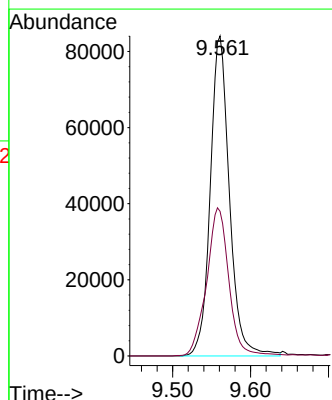
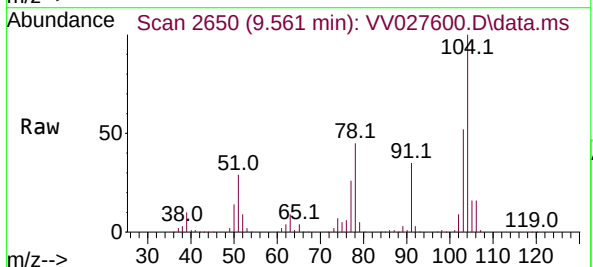
Instrument :
MSVOA_V
ClientSampleId :

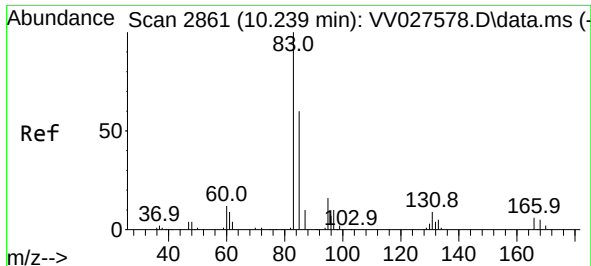
Tgt Ion:106 Resp: 97149
Ion Ratio Lower Upper
106 100
91 223.2 151.6 281.6



#55
Styrene
Concen: 4.174 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV027600.D
Acq: 30 Aug 2022 20:58

Tgt Ion:104 Resp: 143731
Ion Ratio Lower Upper
104 100
78 45.2 32.0 59.4

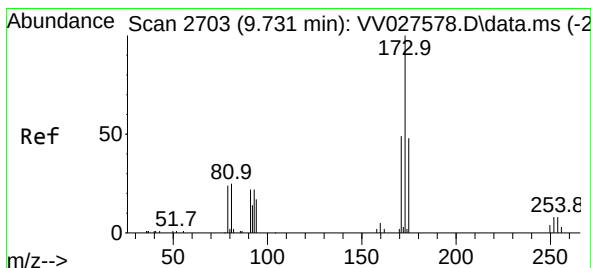
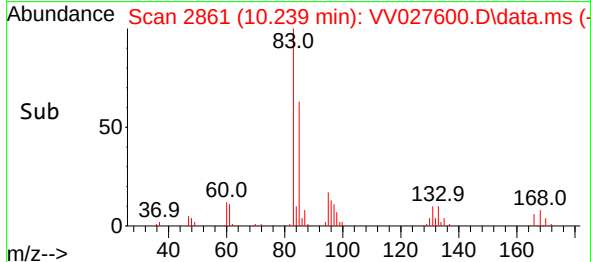
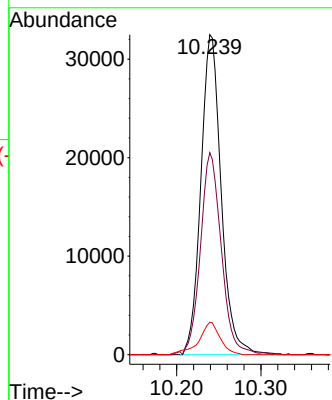
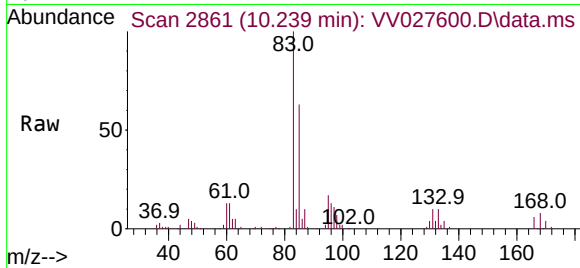




#57
 1,1,2-Tetrachloroethane
 Concen: 5.506 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV027600.D
 Acq: 30 Aug 2022 20:58

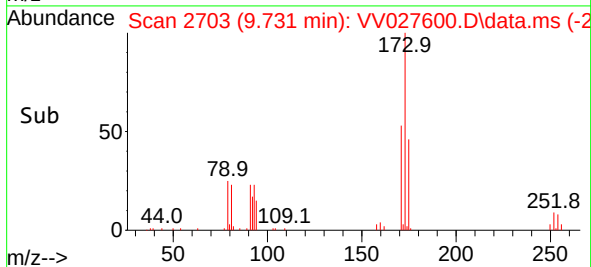
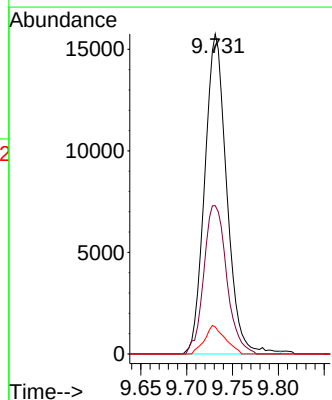
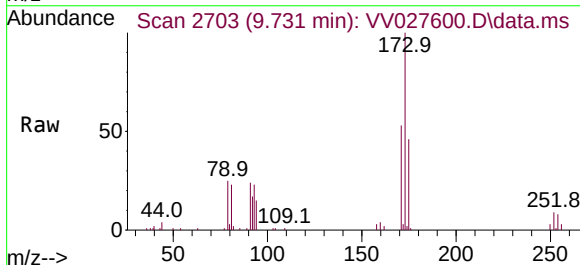
Instrument :
 MSVOA_V
 ClientSampleId :

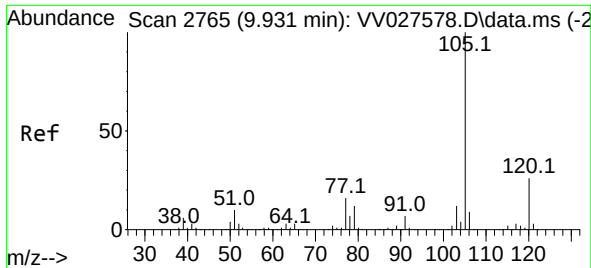
Tgt Ion: 83 Resp: 54701
 Ion Ratio Lower Upper
 83 100
 85 63.2 44.1 81.9
 131 10.2 7.3 10.9



#59
 Bromoform
 Concen: 4.969 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. -0.000 min
 Lab File: VV027600.D
 Acq: 30 Aug 2022 20:58

Tgt Ion: 173 Resp: 26315
 Ion Ratio Lower Upper
 173 100
 175 48.2 39.0 58.6
 254 8.2 7.1 10.7

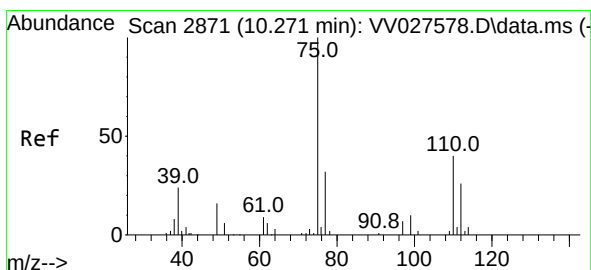
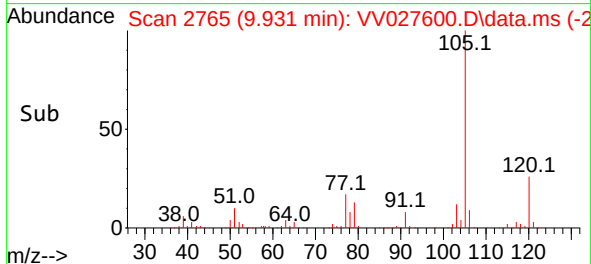
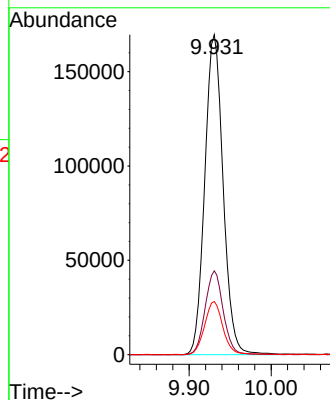
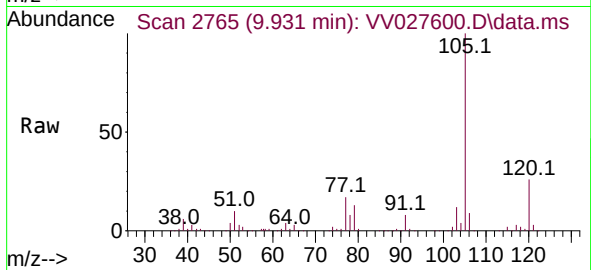




#60
Isopropylbenzene
Concen: 5.077 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV027600.D
Acq: 30 Aug 2022 20:58

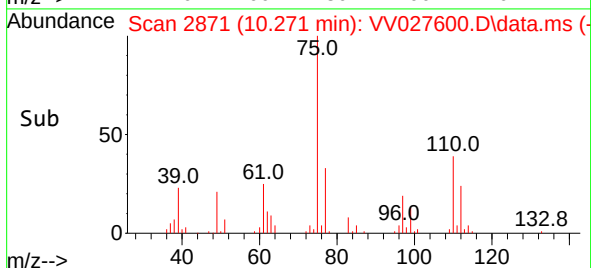
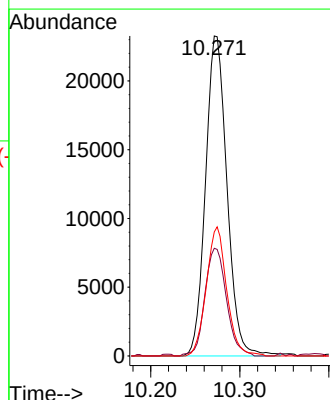
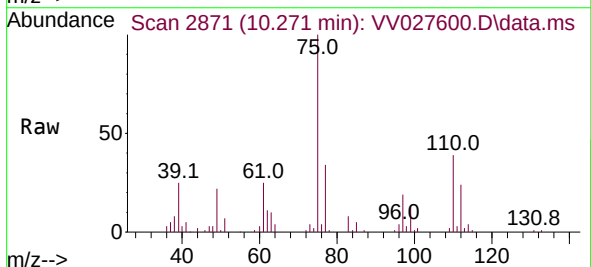
Instrument :
MSVOA_V
ClientSampleId :

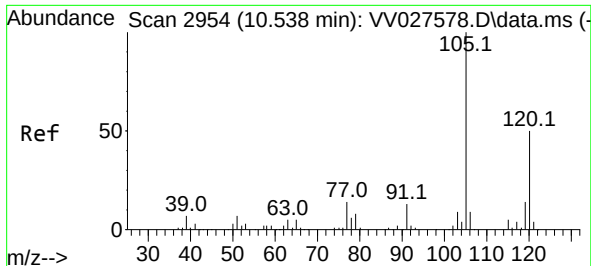
Tgt Ion:105 Resp: 263954
Ion Ratio Lower Upper
105 100
120 25.8 20.9 31.3
77 16.6 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.616 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV027600.D
Acq: 30 Aug 2022 20:58

Tgt Ion: 75 Resp: 38933
Ion Ratio Lower Upper
75 100
77 33.8 26.2 39.2
110 38.3 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 4.603 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV027600.D

Acq: 30 Aug 2022 20:58

Instrument :

MSVOA_V

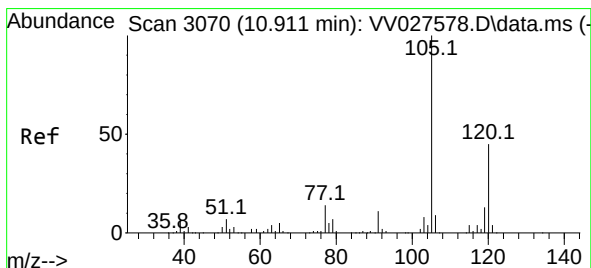
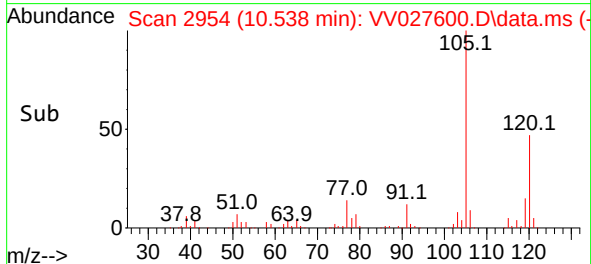
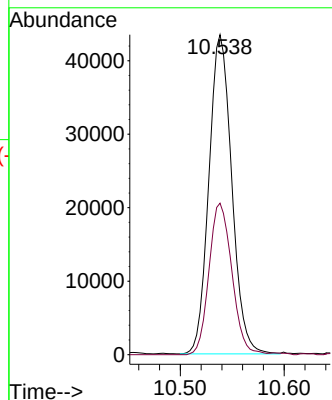
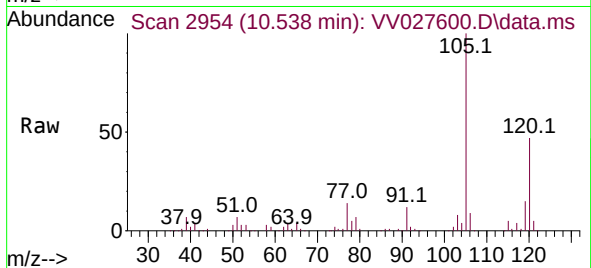
ClientSampleId :

Tgt Ion:105 Resp: 66358

Ion Ratio Lower Upper

105 100

120 47.5 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 4.760 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV027600.D

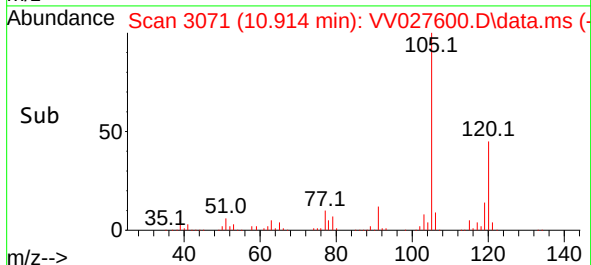
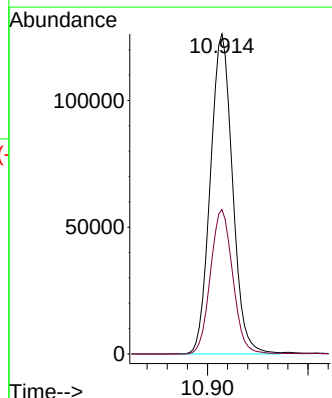
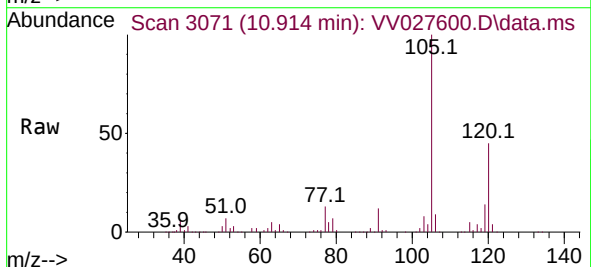
Acq: 30 Aug 2022 20:58

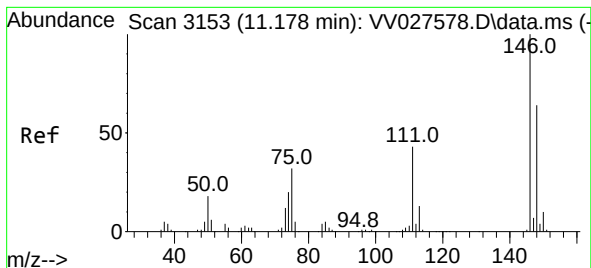
Tgt Ion:105 Resp: 193347

Ion Ratio Lower Upper

105 100

120 45.4 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 5.102 ug/L

RT: 11.181 min Scan# 3153

Delta R.T. 0.003 min

Lab File: VV027600.D

Acq: 30 Aug 2022 20:58

Instrument :

MSVOA_V

ClientSampleId :

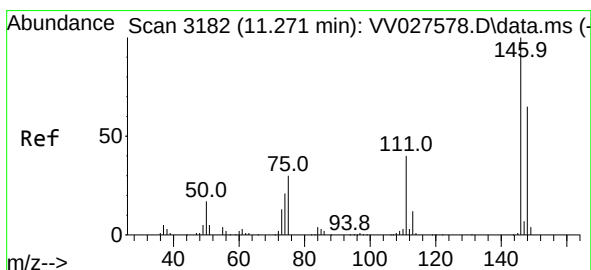
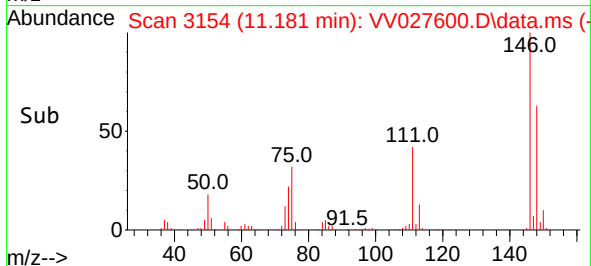
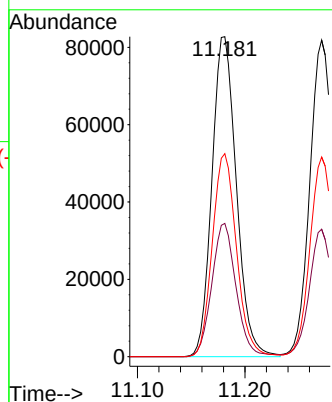
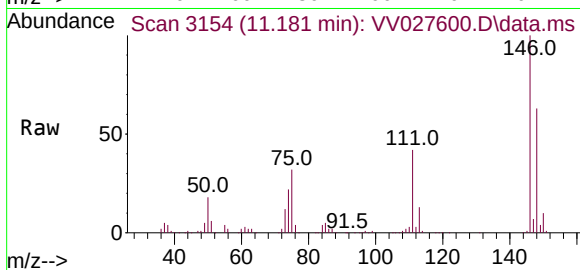
Tgt Ion:146 Resp: 130691

Ion Ratio Lower Upper

146 100

111 41.7 28.8 53.4

148 63.5 44.0 81.6



#65

1,4-Dichlorobenzene

Concen: 5.100 ug/L

RT: 11.271 min Scan# 3182

Delta R.T. -0.000 min

Lab File: VV027600.D

Acq: 30 Aug 2022 20:58

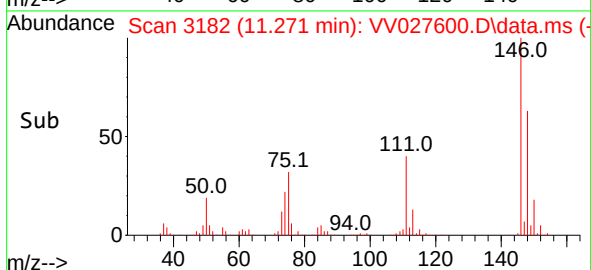
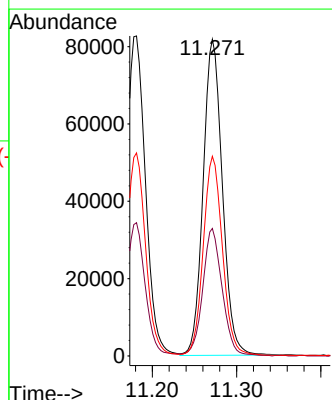
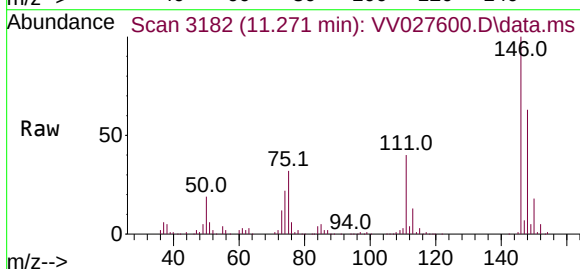
Tgt Ion:146 Resp: 130249

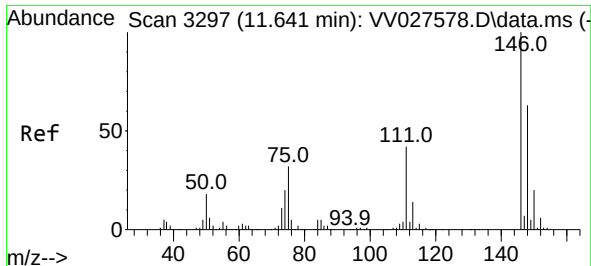
Ion Ratio Lower Upper

146 100

111 40.3 26.6 49.4

148 63.1 42.6 79.0

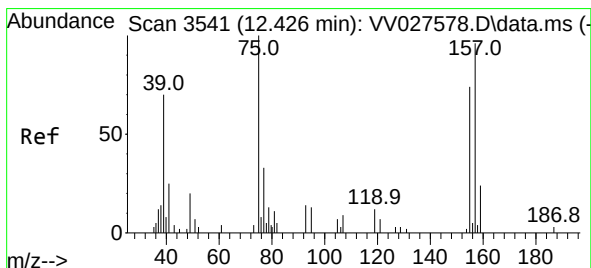
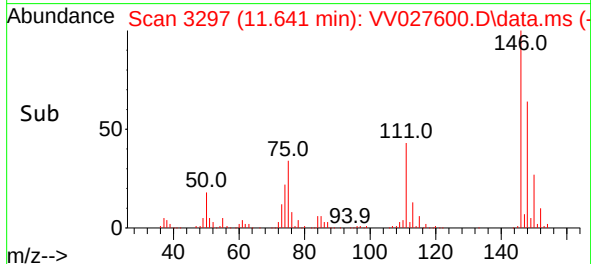
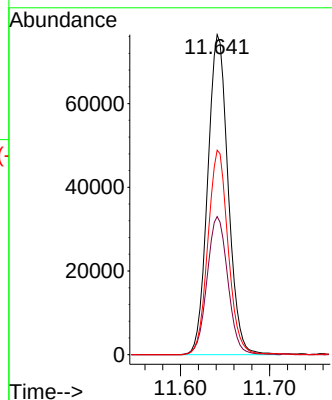
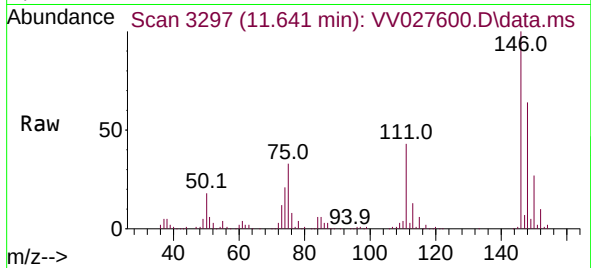




#67
1,2-Dichlorobenzene
Concen: 5.231 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV027600.D
Acq: 30 Aug 2022 20:58

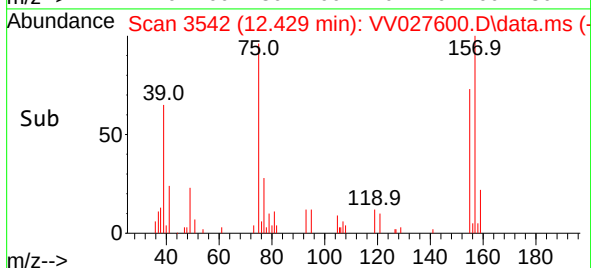
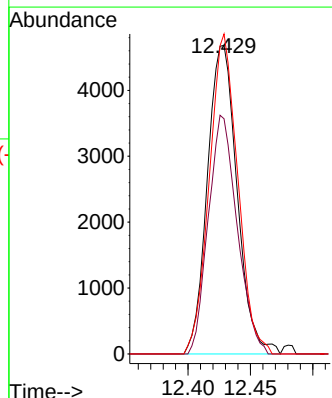
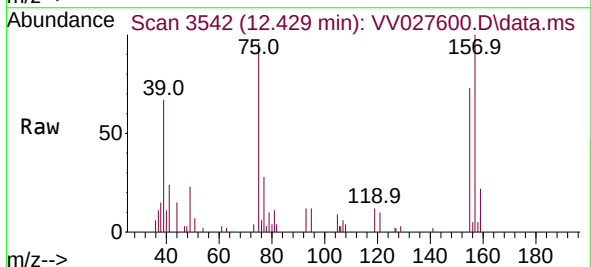
Instrument :
MSVOA_V
ClientSampleId :

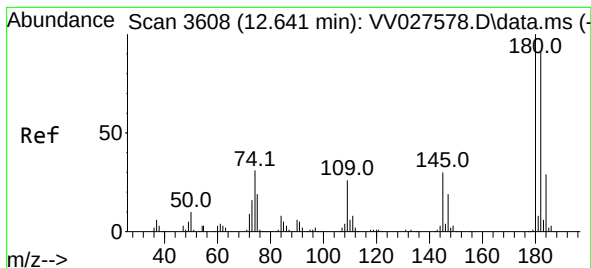
Tgt Ion:146 Resp: 121481
Ion Ratio Lower Upper
146 100
111 43.2 34.5 51.7
148 63.9 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 5.051 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV027600.D
Acq: 30 Aug 2022 20:58

Tgt Ion: 75 Resp: 7779
Ion Ratio Lower Upper
75 100
155 76.2 63.1 94.7
157 103.7 81.8 122.8





#69

1,3,5-Trichlorobenzene

Concen: 4.642 ug/L

RT: 12.644 min Scan# 30

Delta R.T. 0.003 min

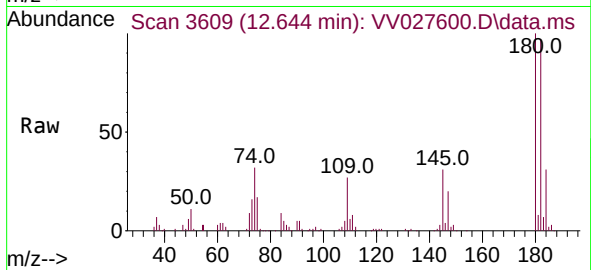
Lab File: VV027600.D

Acq: 30 Aug 2022 20:58

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 88757

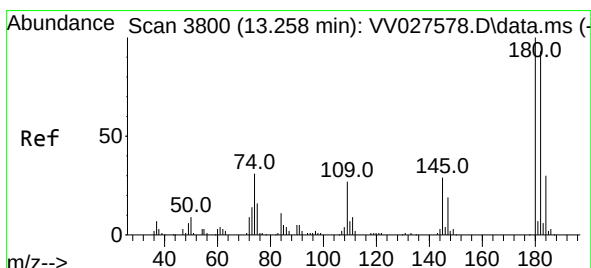
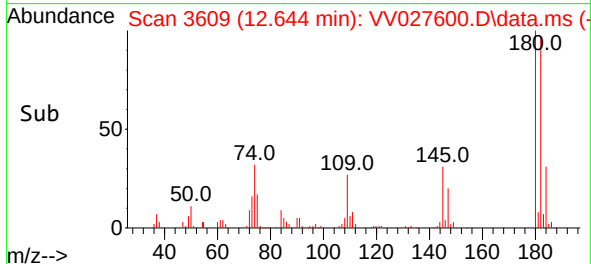
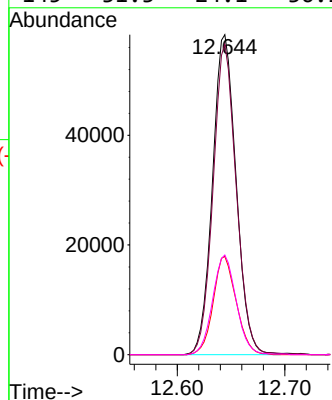
Ion Ratio Lower Upper

180 100

182 95.3 74.1 111.1

184 30.0 23.2 34.8

145 31.3 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 4.680 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV027600.D

Acq: 30 Aug 2022 20:58

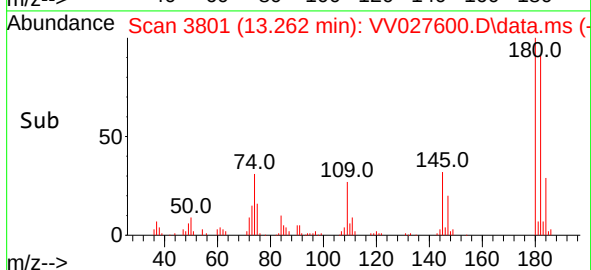
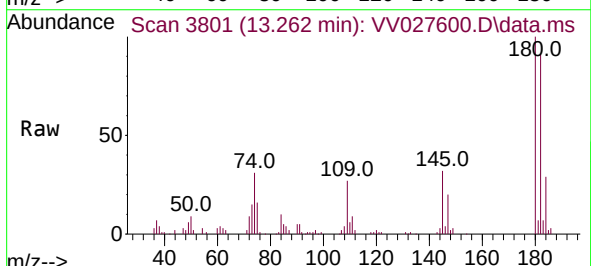
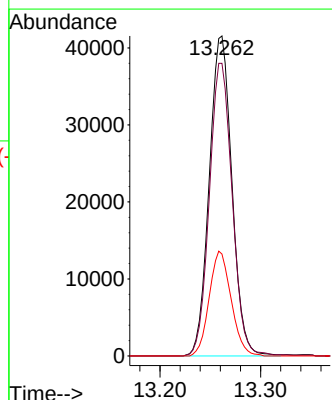
Tgt Ion:180 Resp: 65028

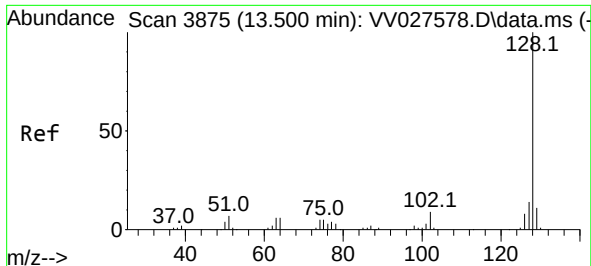
Ion Ratio Lower Upper

180 100

182 92.3 76.0 114.0

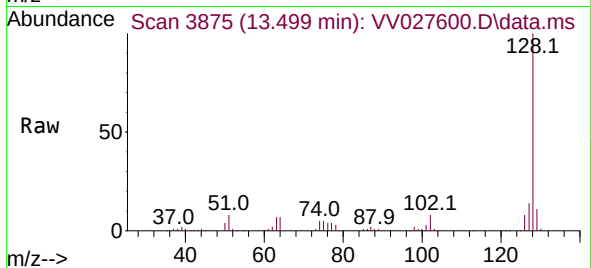
145 31.7 24.9 37.3



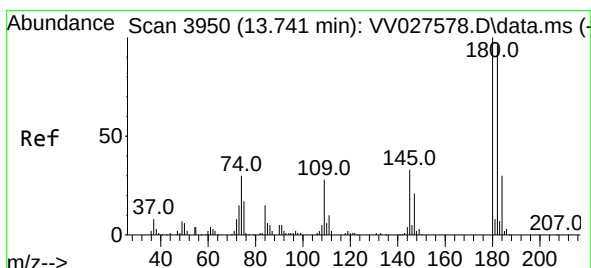
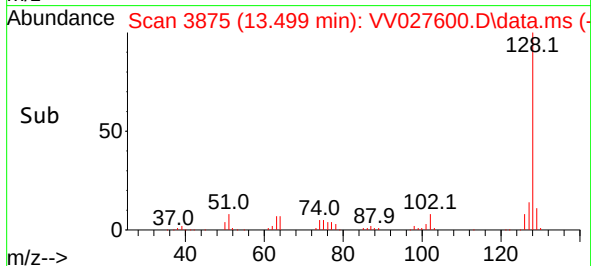
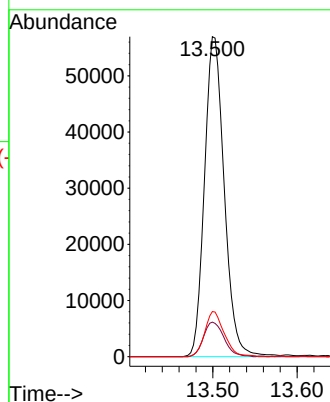


#71
Naphthalene
Concen: 4.857 ug/L
RT: 13.499 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV027600.D
Acq: 30 Aug 2022 20:58

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 93157
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.9 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.786 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV027600.D
Acq: 30 Aug 2022 20:58

Tgt Ion:180 Resp: 59070
Ion Ratio Lower Upper
180 100
182 97.2 75.3 112.9
145 34.3 26.6 39.8

