

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081222\
 Data File : VV027290.D
 Acq On : 11 Aug 2022 20:02
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 12 02:06:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 01:58:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	161795	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	165960	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	84717	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	74517	5.301	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.000%
7) Chloroethane-d5	1.558	69	50838	4.980	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.098	63	125139	4.909	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.200%
20) 2-Butanone-d5	3.879	46	124389	52.251	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.500%
24) Chloroform-d	4.342	84	131481	5.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.027	65	63044	5.133	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.043	84	249751	5.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
36) 1,2-Dichloropropane-d6	6.066	67	77461	5.117	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.313	98	234606	5.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
43) trans-1,3-Dichloroprop...	7.622	79	28551	5.445	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.000%
46) 2-Hexanone-d5	8.088	63	108510	53.476	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.960%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	55236	5.044	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	72671	4.970	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	92838	4.829	ug/L	99
3) Chloromethane	1.233	50	96023	4.993	ug/L	98
5) Vinyl chloride	1.304	62	86436	4.818	ug/L	100
6) Bromomethane	1.513	94	41178	4.916	ug/L	99
8) Chloroethane	1.577	64	48790	4.892	ug/L	99
9) Trichlorofluoromethane	1.744	101	112698	4.705	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	53754	4.779	ug/L	96
12) 1,1-Dichloroethene	2.108	96	55146	4.733	ug/L	96
13) Acetone	2.162	43	68001	38.654	ug/L	100
14) Carbon disulfide	2.285	76	217003	4.651	ug/L	99
15) Methyl Acetate	2.429	43	20452	4.775	ug/L	99
16) Methylene chloride	2.497	84	80417	4.298	ug/L	98
17) Methyl tert-butyl Ether	2.764	73	136007	5.001	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	67459	4.707	ug/L	99
19) 1,1-Dichloroethane	3.182	63	134528	4.903	ug/L	100
21) 2-Butanone	3.963	43	134672	56.222	ug/L	87
22) cis-1,2-Dichloroethene	3.902	96	68734	4.877	ug/L	97
23) Bromochloromethane	4.243	128	33904	5.147	ug/L	98
25) Chloroform	4.368	83	138083	4.898	ug/L	97

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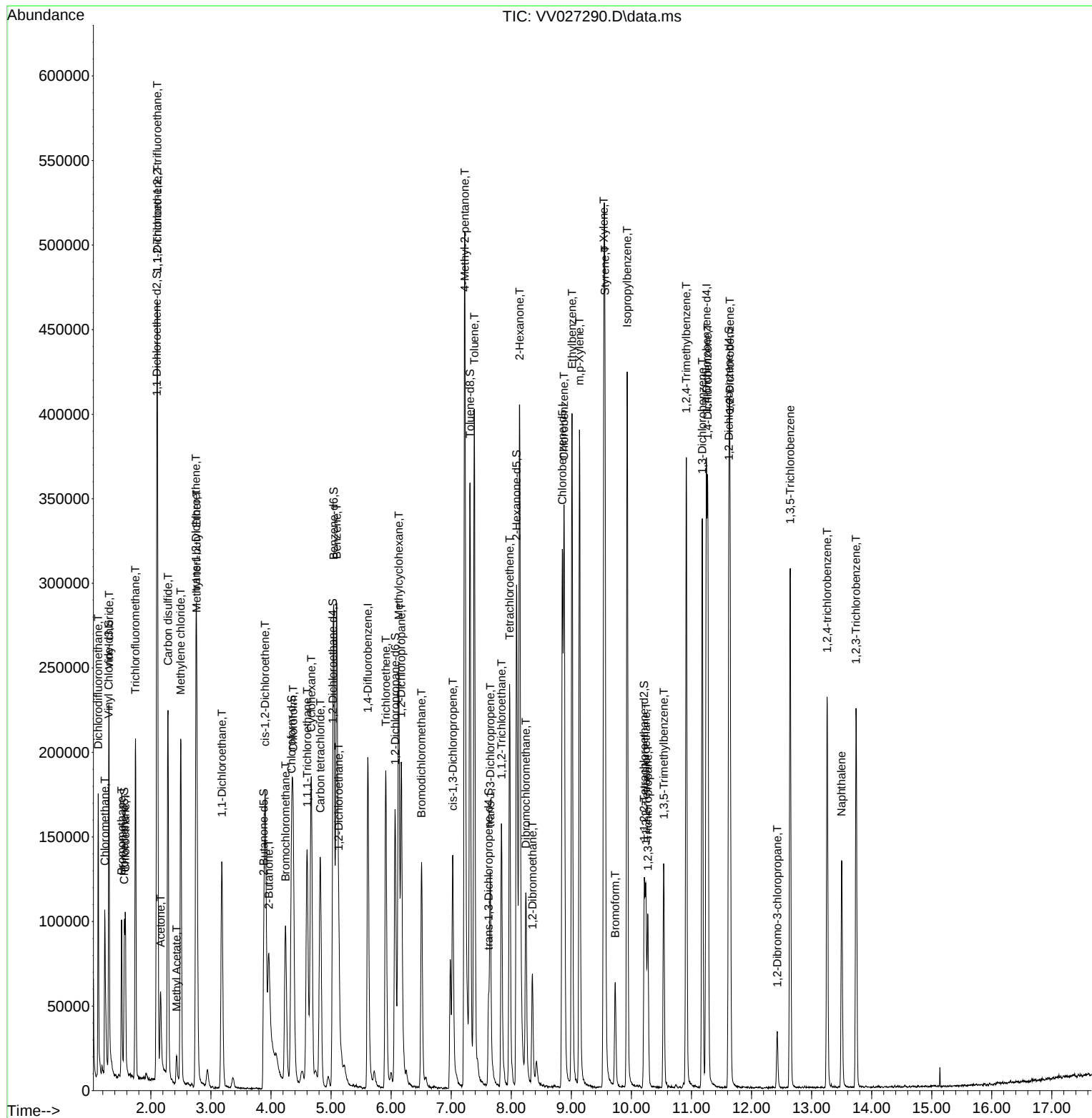
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	77093	4.785	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	112247	4.806	ug/L	99
30) Cyclohexane	4.670	56	90198	4.767	ug/L	99
31) Carbon tetrachloride	4.822	117	94702	4.659	ug/L	99
33) Benzene	5.095	78	278979	4.918	ug/L	100
34) Trichloroethene	5.911	95	65951	4.671	ug/L	98
35) Methylcyclohexane	6.127	83	93972	4.834	ug/L	97
37) 1,2-Dichloropropane	6.169	63	73619	5.251	ug/L	98
38) Bromodichloromethane	6.506	83	88733	4.911	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	88601	5.170	ug/L	96
40) 4-Methyl-2-pentanone	7.227	43	386678	53.440	ug/L	99
42) Toluene	7.384	91	285560	5.046	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	74366	4.960	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	50681	5.070	ug/L	97
47) Tetrachloroethene	7.973	164	52059	4.695	ug/L	95
48) 2-Hexanone	8.140	43	284580	54.808	ug/L	99
49) Dibromochloromethane	8.243	129	57576	4.921	ug/L	98
50) 1,2-Dibromoethane	8.352	107	44871	5.049	ug/L	100
51) Chlorobenzene	8.879	112	180231	4.889	ug/L	99
52) Ethylbenzene	9.011	91	269783	4.744	ug/L	98
53) m,p-Xylene	9.136	106	104786	4.832	ug/L	95
54) o-Xylene	9.542	106	100296	4.728	ug/L	99
55) Styrene	9.561	104	181452	4.975	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	55921	5.019	ug/L	95
59) Bromoform	9.731	173	27309	4.780	ug/L	98
60) Isopropylbenzene	9.931	105	257574	4.827	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	40786	4.999	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	68796	4.665	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	193567	4.578	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	131646	4.937	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	131059	4.885	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	121428	4.890	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	8496	4.985	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	91697	4.769	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	67232	4.679	ug/L	99
71) Naphthalene	13.500	128	104073	4.688	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	62714	4.683	ug/L	95

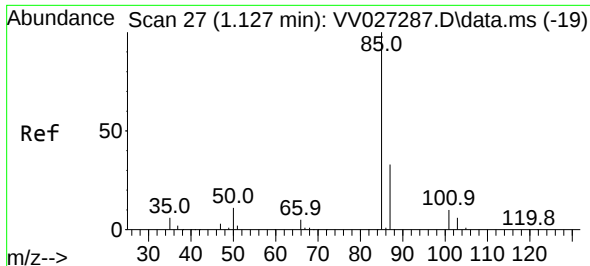
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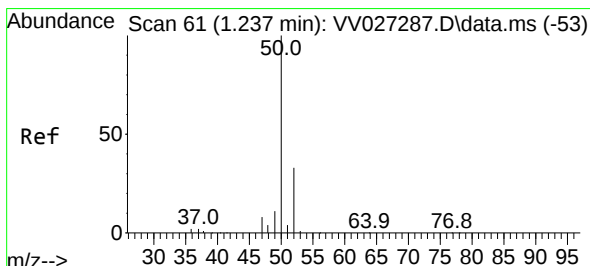
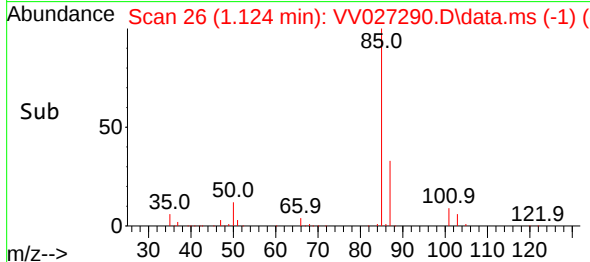
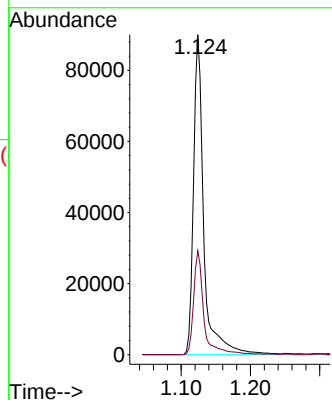
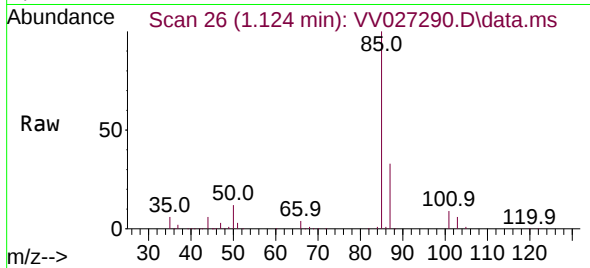




#2
 Dichlorodifluoromethane
 Concen: 4.829 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV027290.D
 Acq: 11 Aug 2022 20:02

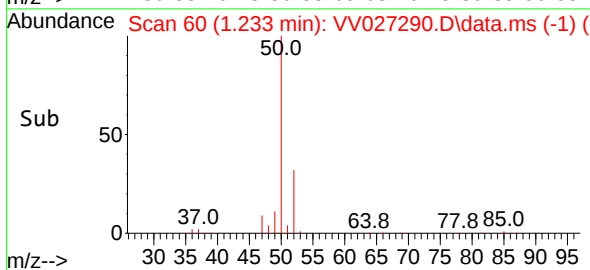
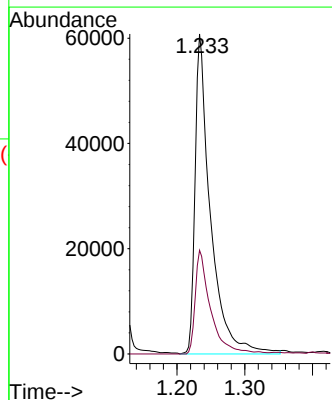
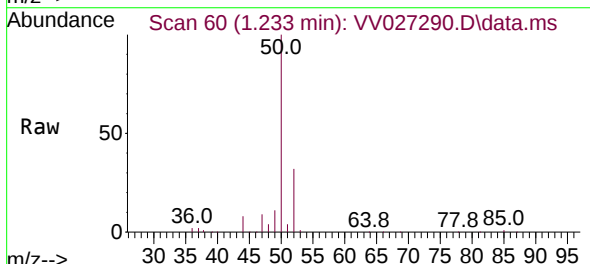
Instrument :
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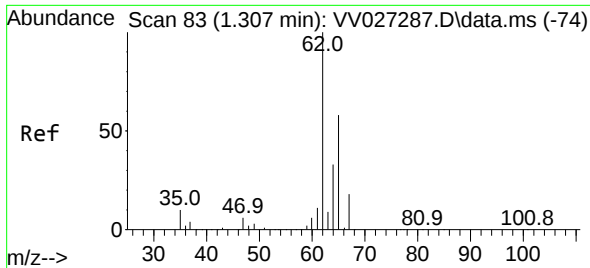
Tgt Ion: 85 Resp: 92838
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.2 39.4



#3
 Chloromethane
 Concen: 4.993 ug/L
 RT: 1.233 min Scan# 60
 Delta R.T. -0.003 min
 Lab File: VV027290.D
 Acq: 11 Aug 2022 20:02

Tgt Ion: 50 Resp: 96023
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.4 43.4

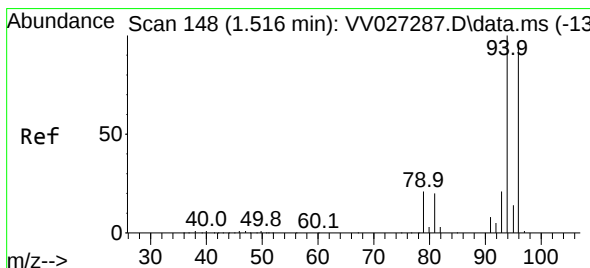
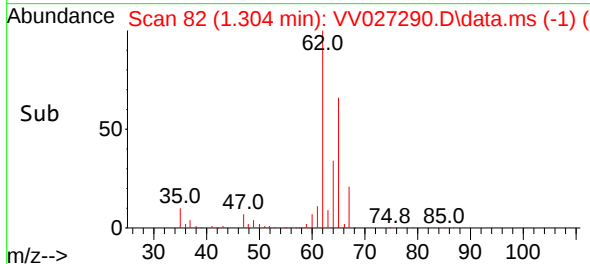
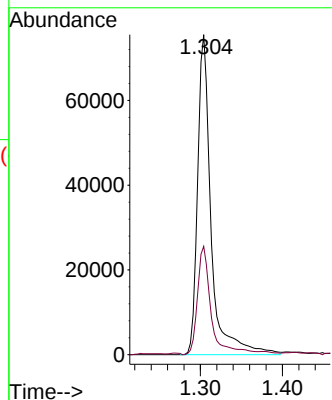
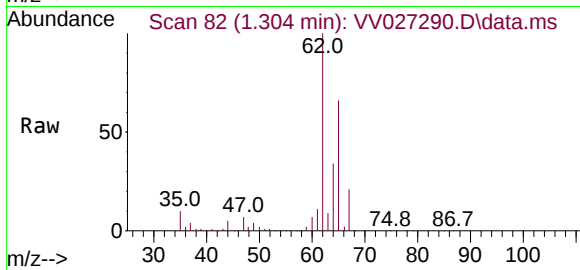




#5
 Vinyl chloride
 Concen: 4.818 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV027290.D
 Acq: 11 Aug 2022 20:02

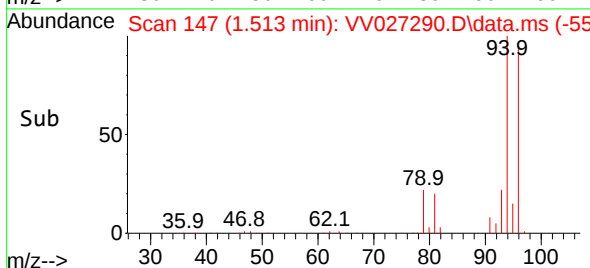
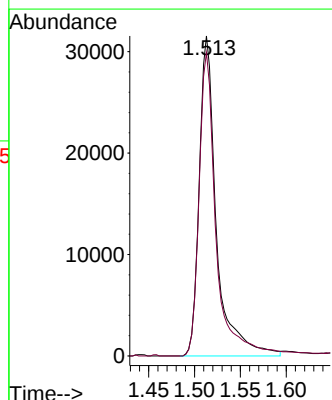
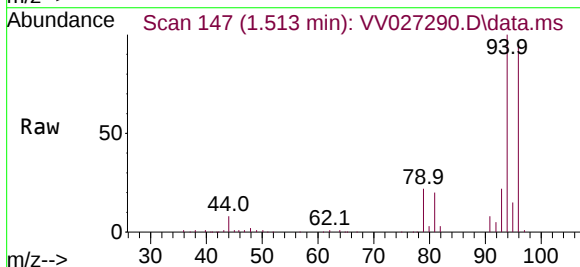
Instrument :
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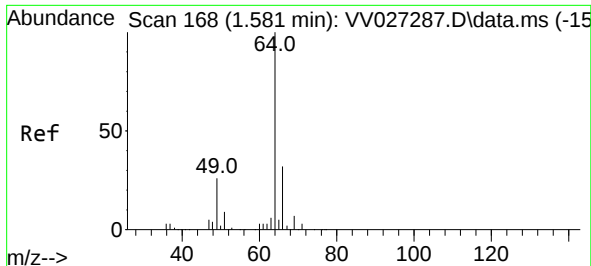
Tgt Ion: 62 Resp: 86436
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.7 44.1



#6
 Bromomethane
 Concen: 4.916 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. -0.003 min
 Lab File: VV027290.D
 Acq: 11 Aug 2022 20:02

Tgt Ion: 94 Resp: 41178
 Ion Ratio Lower Upper
 94 100
 96 94.8 67.2 124.8

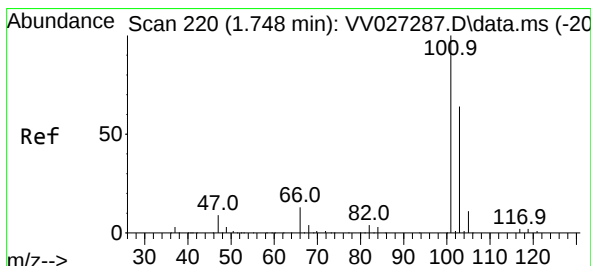
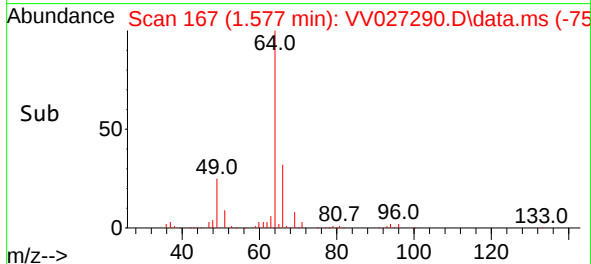
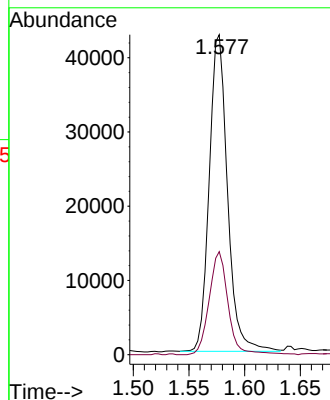
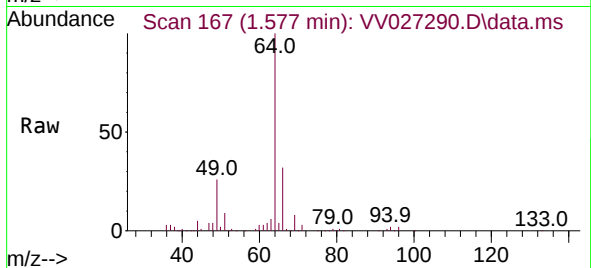




#8
Chloroethane
Concen: 4.892 ug/L
RT: 1.577 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV027290.D
Acq: 11 Aug 2022 20:02

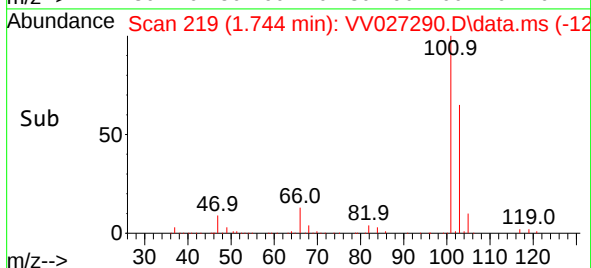
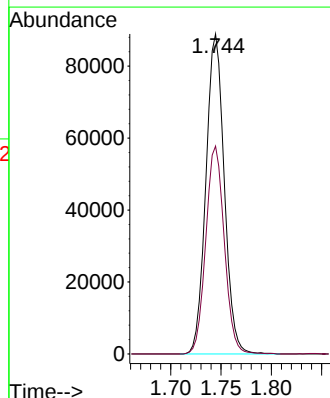
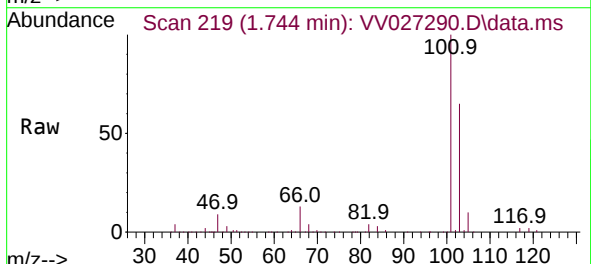
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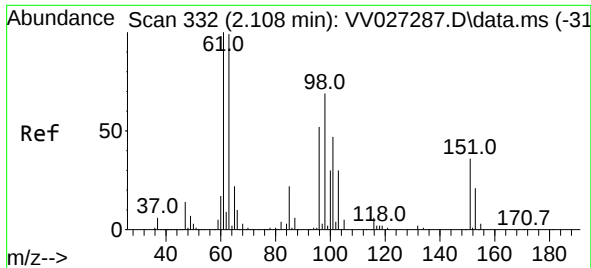
Tgt Ion: 64 Resp: 48790
Ion Ratio Lower Upper
64 100
66 32.2 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.705 ug/L
RT: 1.744 min Scan# 219
Delta R.T. -0.003 min
Lab File: VV027290.D
Acq: 11 Aug 2022 20:02

Tgt Ion:101 Resp: 112698
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.0

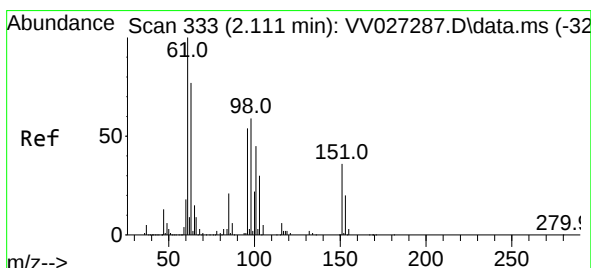
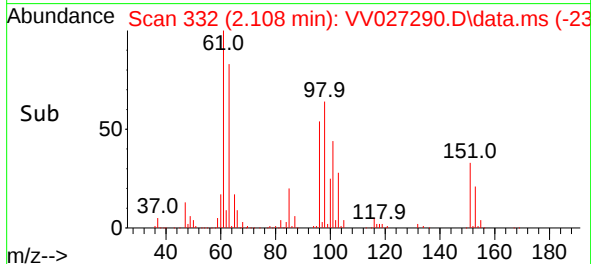
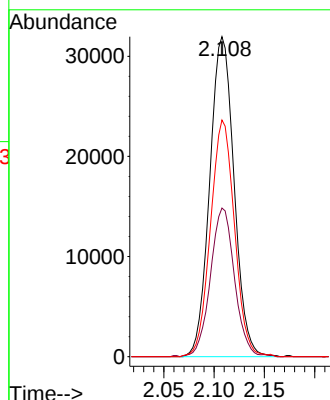
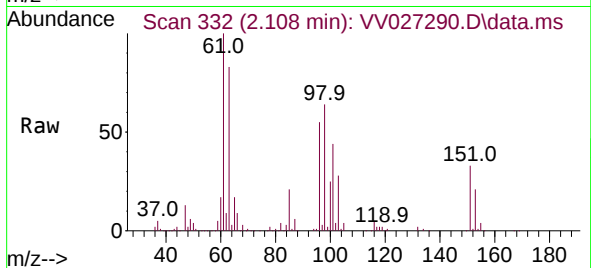




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.779 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.000 min
 Lab File: VV027290.D
 Acq: 11 Aug 2022 20:02

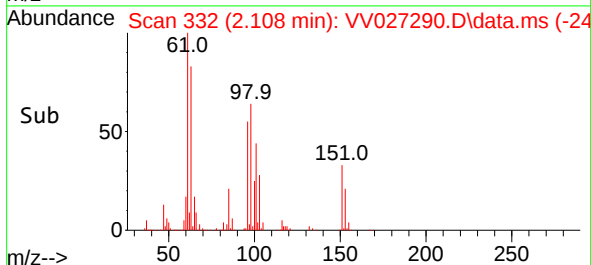
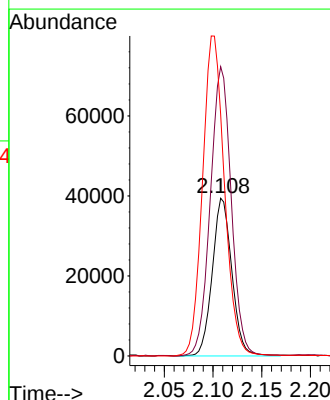
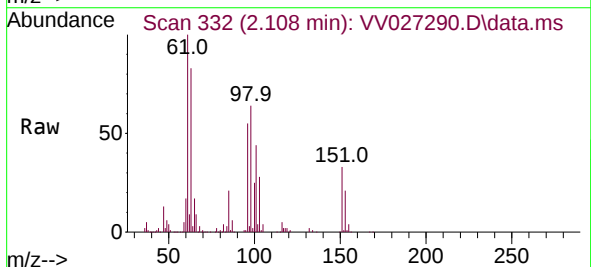
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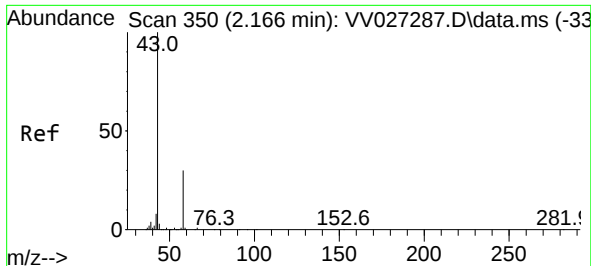
Tgt Ion:101 Resp: 53754
 Ion Ratio Lower Upper
 101 100
 85 46.0 36.2 54.4
 151 73.1 62.0 93.0



#12
 1,1-Dichloroethene
 Concen: 4.733 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.003 min
 Lab File: VV027290.D
 Acq: 11 Aug 2022 20:02

Tgt Ion: 96 Resp: 55146
 Ion Ratio Lower Upper
 96 100
 61 183.3 130.7 242.7
 63 152.8 101.4 188.2





#13

Acetone

Concen: 38.654 ug/L

RT: 2.162 min Scan# 349

Delta R.T. -0.003 min

Lab File: VV027290.D

Acq: 11 Aug 2022 20:02

Instrument :

MSVOA_V

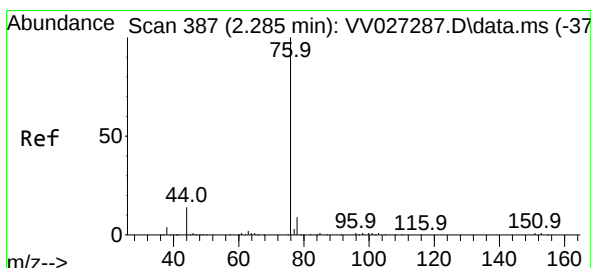
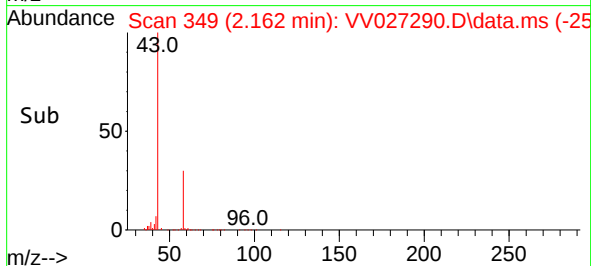
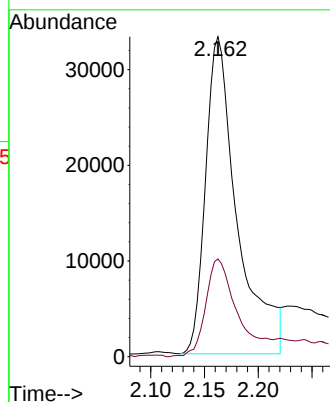
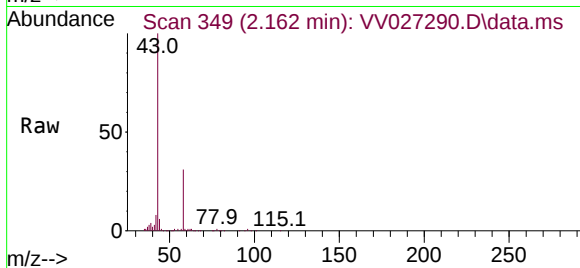
ClientSampleId :

Tgt Ion: 43 Resp: 68001

Ion Ratio Lower Upper

43 100

58 31.3 0.0 63.2



#14

Carbon disulfide

Concen: 4.651 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.000 min

Lab File: VV027290.D

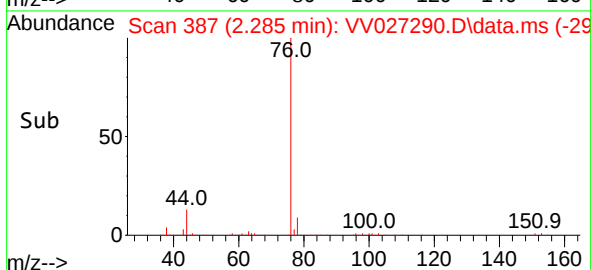
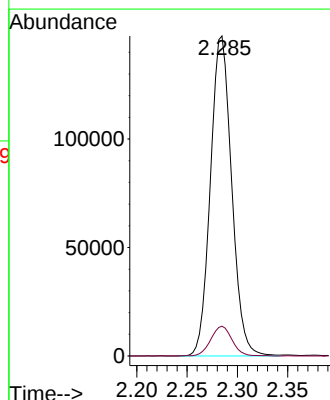
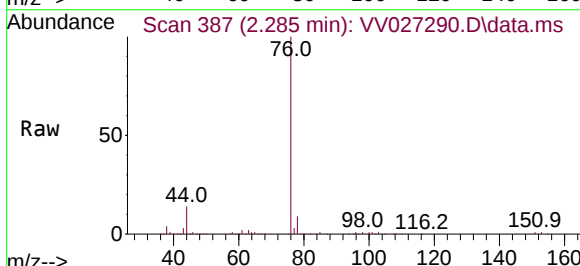
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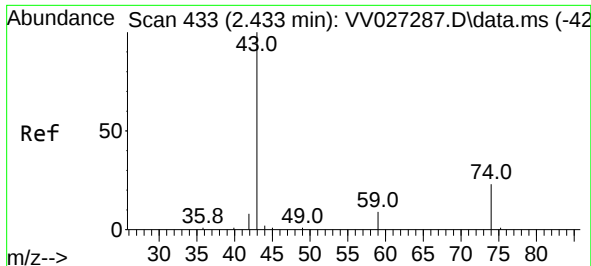
Tgt Ion: 76 Resp: 217003

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8

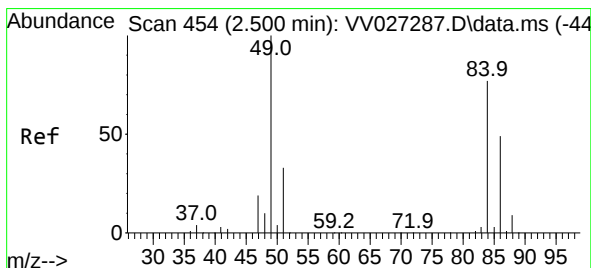
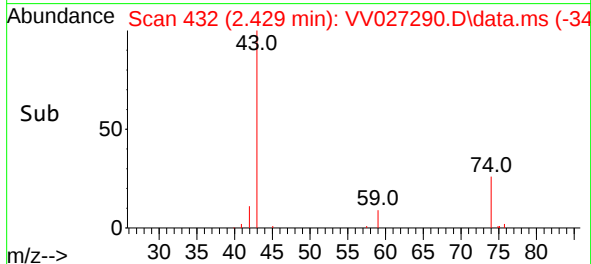
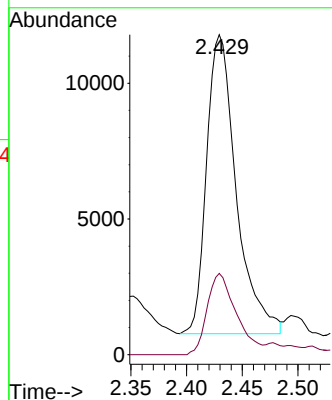
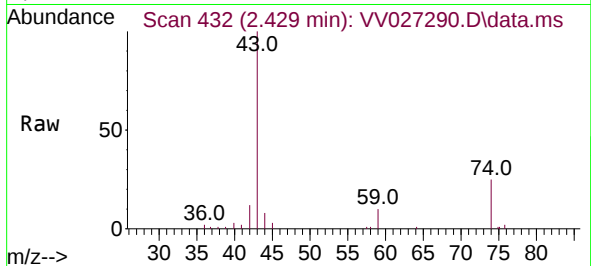




#15
Methyl Acetate
Concen: 4.775 ug/L
RT: 2.429 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV027290.D
Acq: 11 Aug 2022 20:02

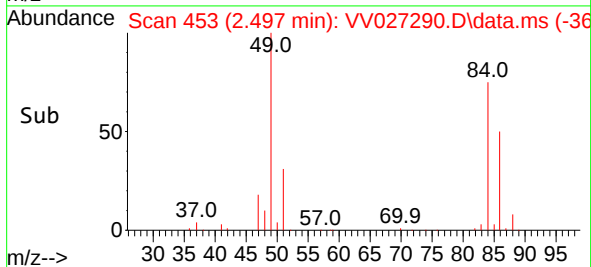
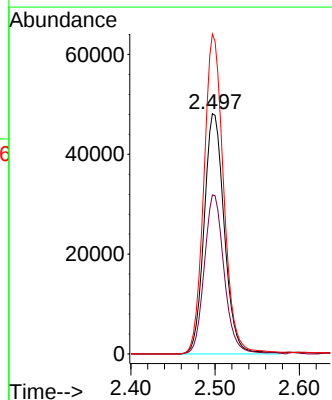
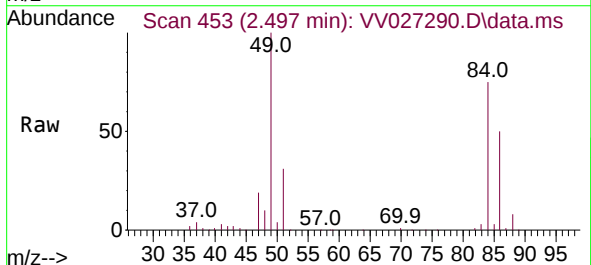
Instrument :
MSVOA_V
ClientSampleId :

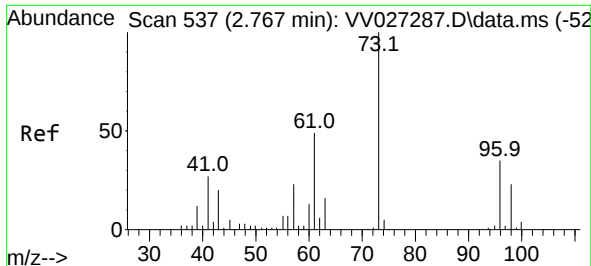
Tgt Ion: 43 Resp: 20452
Ion Ratio Lower Upper
43 100
74 26.7 21.8 32.8



#16
Methylene chloride
Concen: 4.298 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.003 min
Lab File: VV027290.D
Acq: 11 Aug 2022 20:02

Tgt Ion: 84 Resp: 80417
Ion Ratio Lower Upper
84 100
86 66.2 45.1 83.9
49 133.2 91.2 169.4

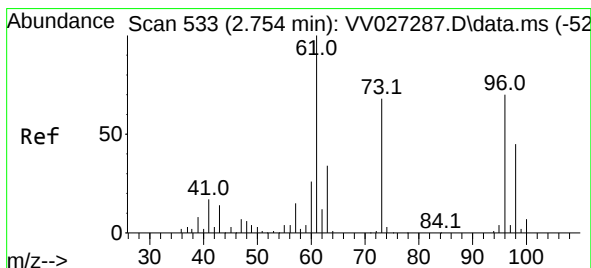
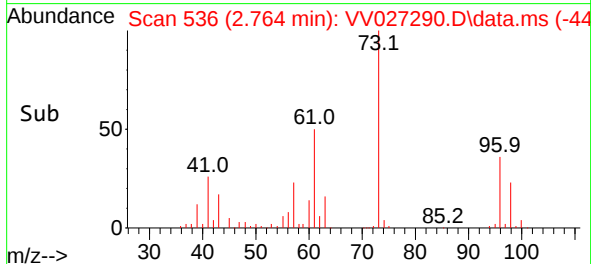
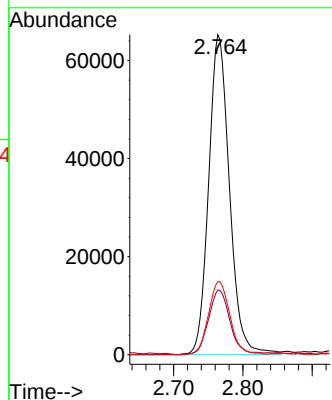
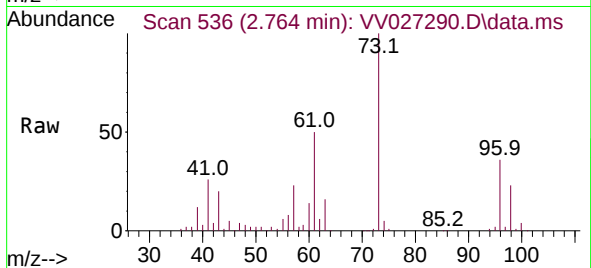




#17
Methyl tert-butyl Ether
Concen: 5.001 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV027290.D
Acq: 11 Aug 2022 20:02

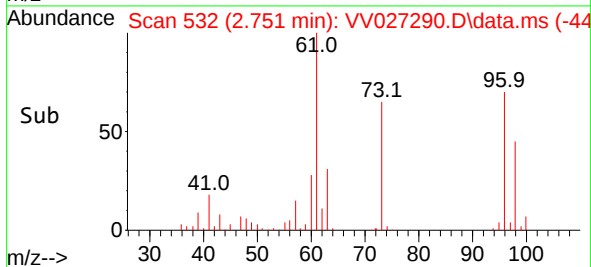
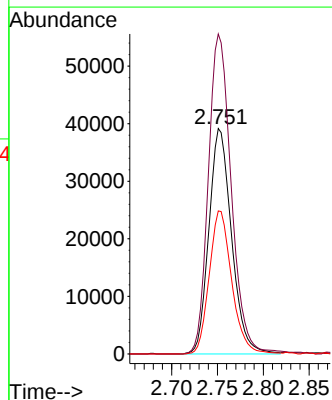
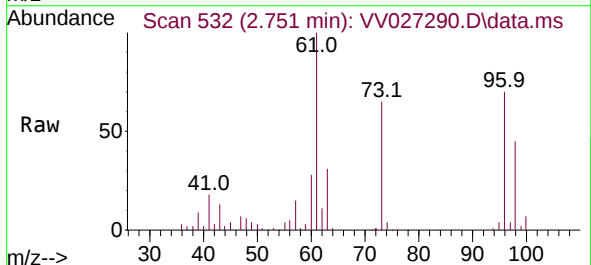
Instrument :
MSVOA_V
ClientSampleId :

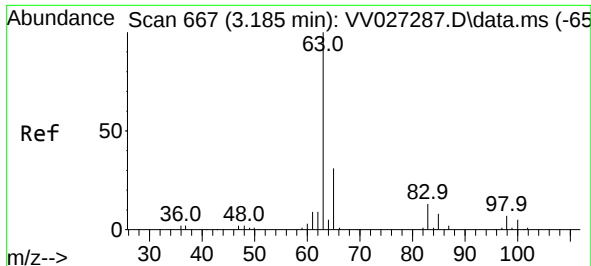
Tgt Ion: 73 Resp: 136007
Ion Ratio Lower Upper
73 100
43 21.1 15.8 23.8
57 23.5 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 4.707 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.003 min
Lab File: VV027290.D
Acq: 11 Aug 2022 20:02

Tgt Ion: 96 Resp: 67459
Ion Ratio Lower Upper
96 100
61 142.0 99.6 185.0
98 63.5 45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.903 ug/L

RT: 3.182 min Scan# 60

Delta R.T. -0.003 min

Lab File: VV027290.D

Acq: 11 Aug 2022 20:02

Instrument :

MSVOA_V

ClientSampleId :

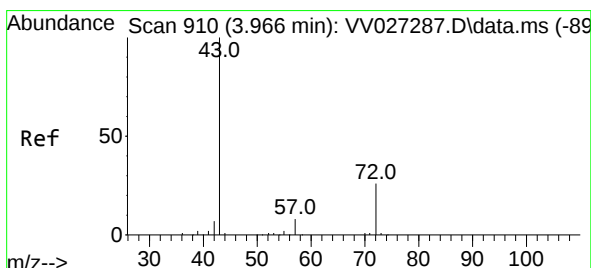
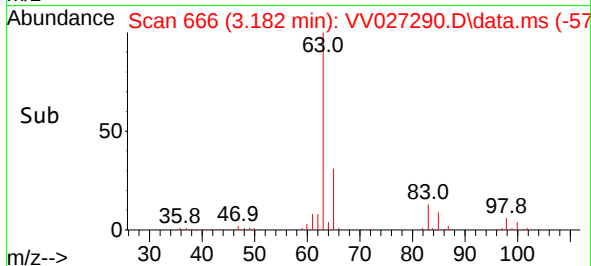
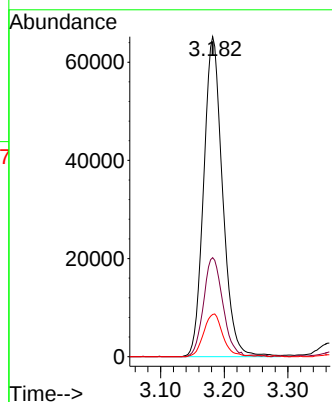
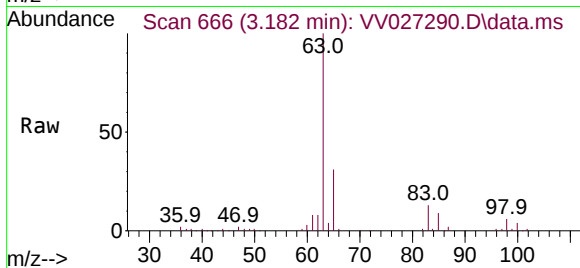
Tgt Ion: 63 Resp: 134528

Ion Ratio Lower Upper

63 100

65 30.9 21.6 40.2

83 13.2 9.3 17.3



#21

2-Butanone

Concen: 56.222 ug/L

RT: 3.963 min Scan# 909

Delta R.T. -0.003 min

Lab File: VV027290.D

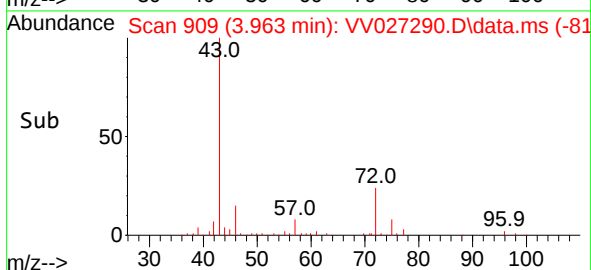
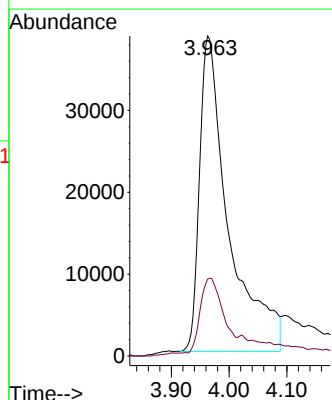
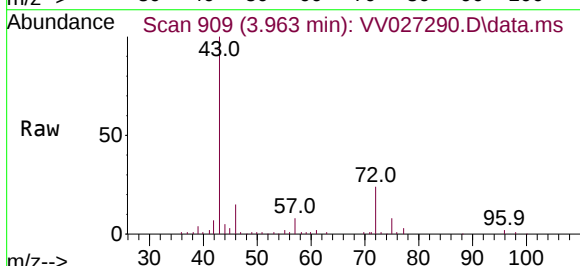
Acq: 11 Aug 2022 20:02

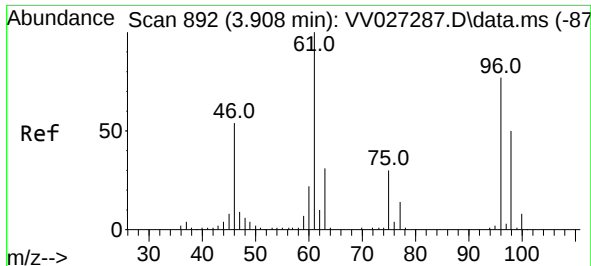
Tgt Ion: 43 Resp: 134672

Ion Ratio Lower Upper

43 100

72 18.9 12.9 38.6

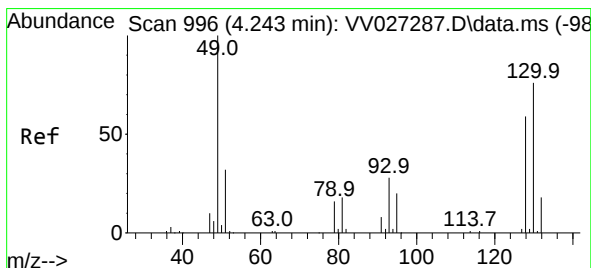
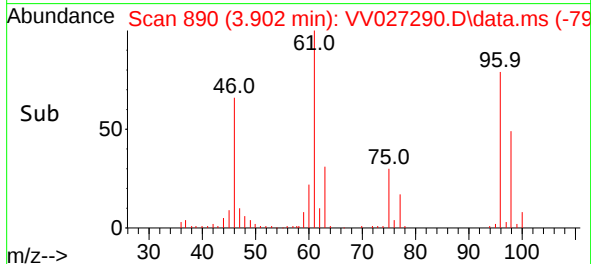
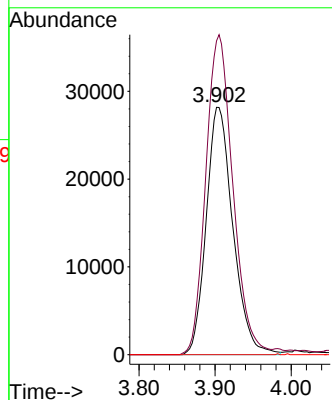
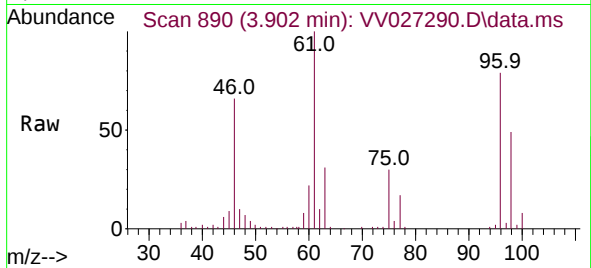




#22
 cis-1,2-Dichloroethene
 Concen: 4.877 ug/L
 RT: 3.902 min Scan# 892
 Delta R.T. -0.007 min
 Lab File: VV027290.D
 Acq: 11 Aug 2022 20:02

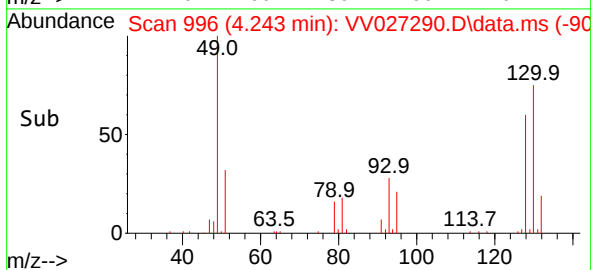
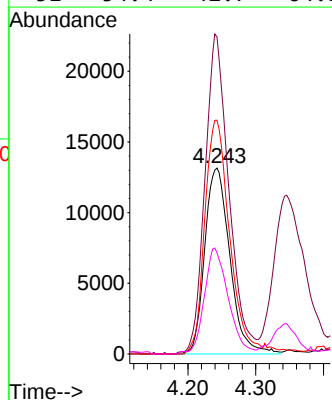
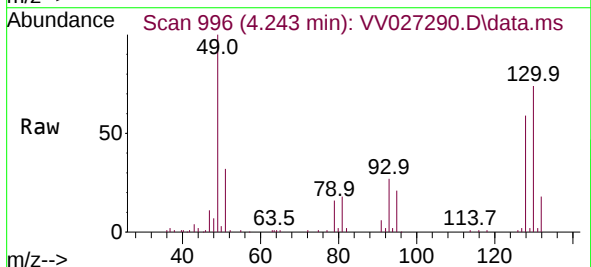
Instrument :
 MSVOA_V
 ClientSampleId :

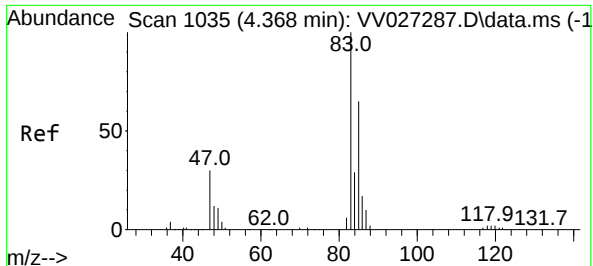
Tgt Ion: 96 Resp: 68734
 Ion Ratio Lower Upper
 96 100
 61 126.8 91.3 169.5
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.147 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VV027290.D
 Acq: 11 Aug 2022 20:02

Tgt Ion:128 Resp: 33904
 Ion Ratio Lower Upper
 128 100
 49 170.4 118.5 220.1
 130 125.7 90.3 167.7
 51 54.4 42.7 64.1





#25

Chloroform

Concen: 4.898 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VV027290.D

Acq: 11 Aug 2022 20:02

Instrument :

MSVOA_V

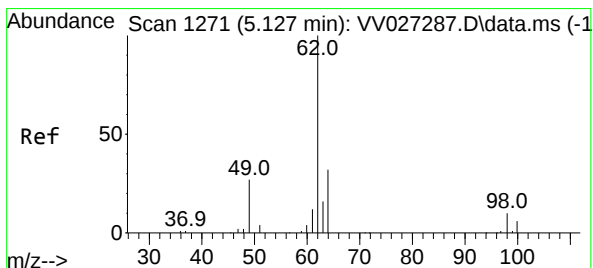
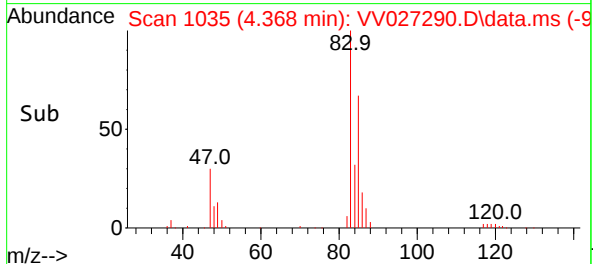
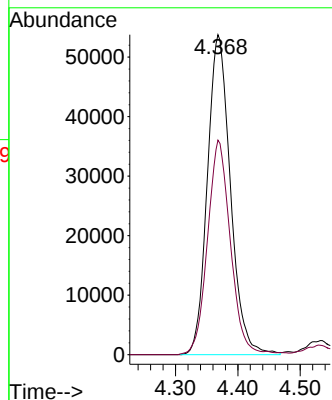
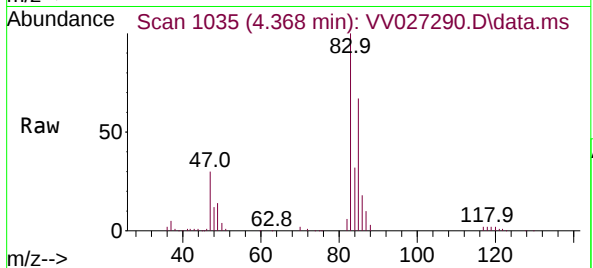
ClientSampleId :

Tgt Ion: 83 Resp: 138083

Ion Ratio Lower Upper

83 100

85 67.0 45.2 84.0



#27

1,2-Dichloroethane

Concen: 4.785 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VV027290.D

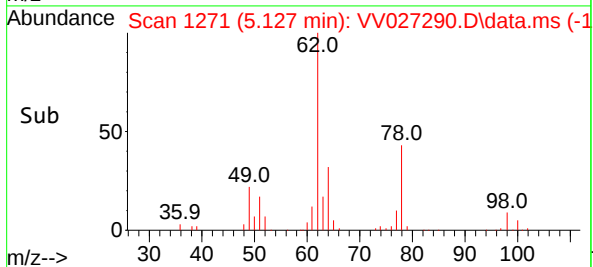
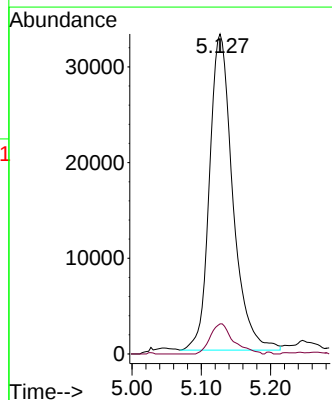
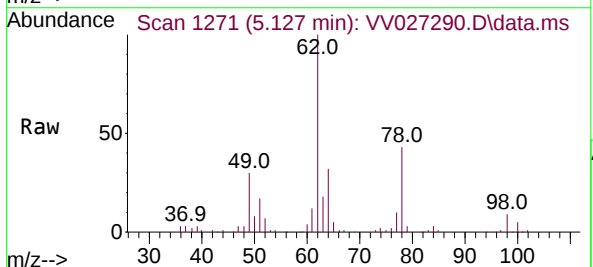
Acq: 11 Aug 2022 20:02

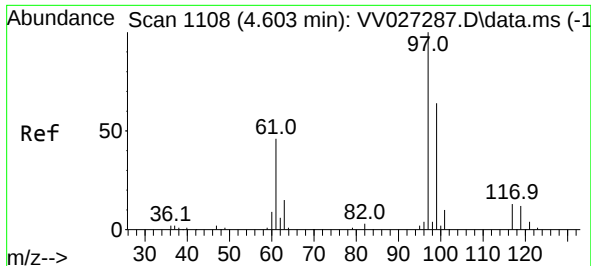
Tgt Ion: 62 Resp: 77093

Ion Ratio Lower Upper

62 100

98 9.4 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.806 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV027290.D

Acq: 11 Aug 2022 20:02

Instrument :

MSVOA_V

ClientSampleId :

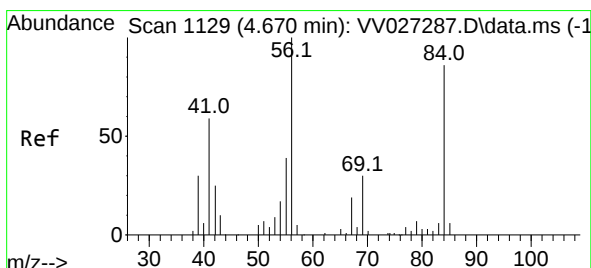
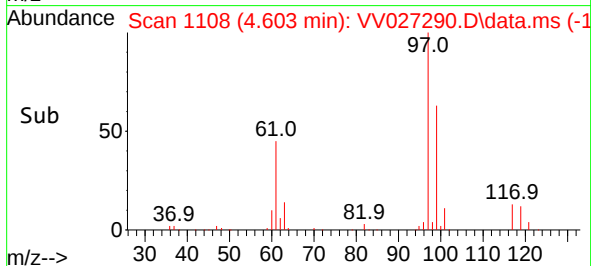
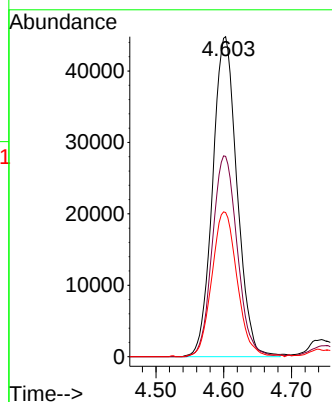
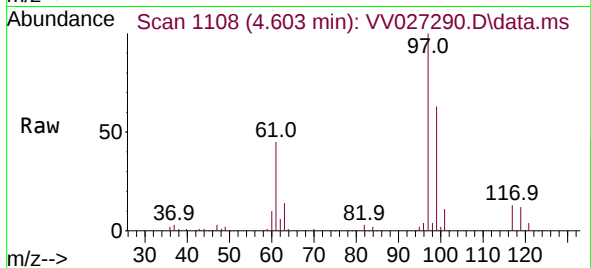
Tgt Ion: 97 Resp: 112247

Ion Ratio Lower Upper

97 100

99 63.9 50.8 76.2

61 46.6 36.5 54.7



#30

Cyclohexane

Concen: 4.767 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VV027290.D

Acq: 11 Aug 2022 20:02

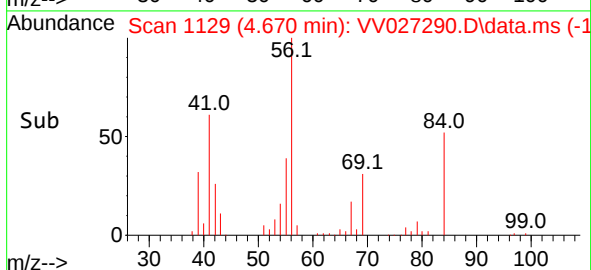
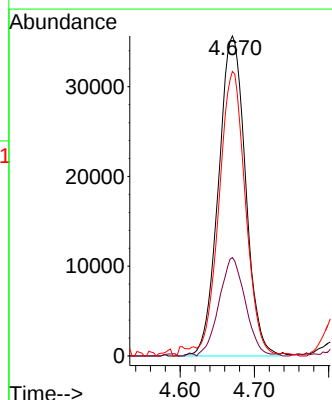
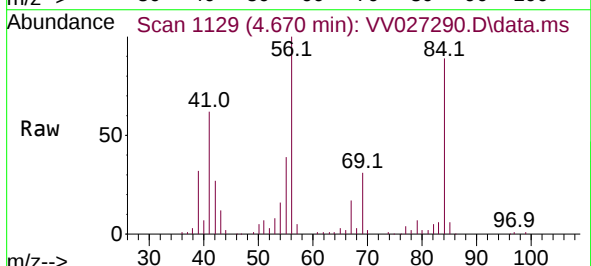
Tgt Ion: 56 Resp: 90198

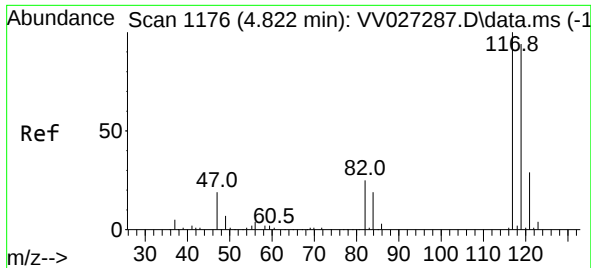
Ion Ratio Lower Upper

56 100

69 29.9 24.0 36.0

84 85.3 69.1 103.7

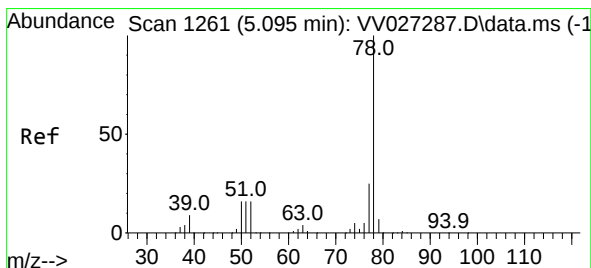
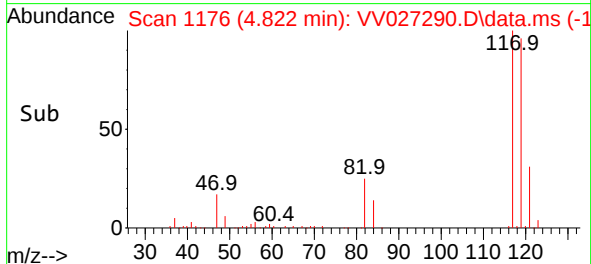
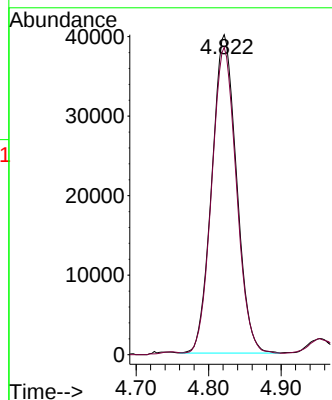
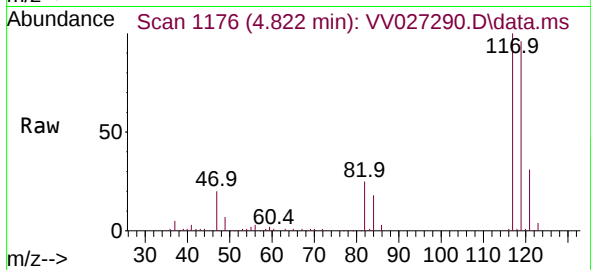




#31
Carbon tetrachloride
Concen: 4.659 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VV027290.D
Acq: 11 Aug 2022 20:02

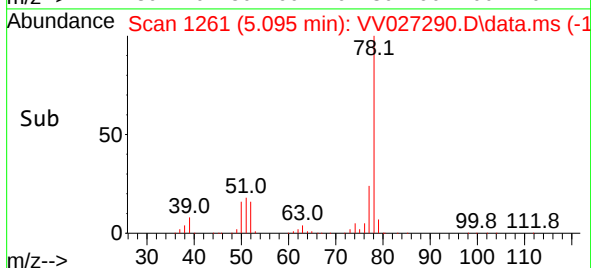
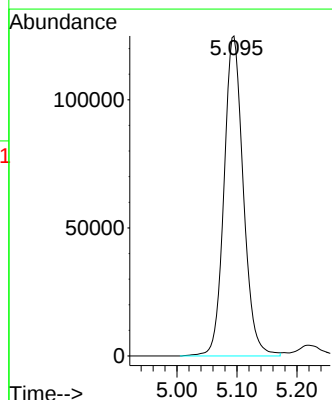
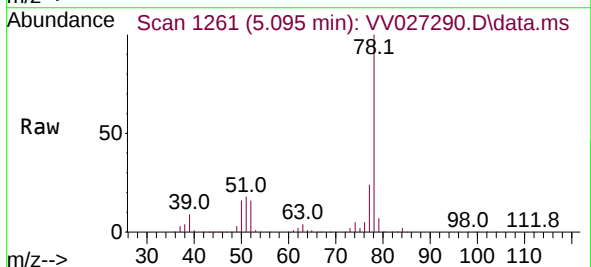
Instrument :
MSVOA_V
ClientSampleId :

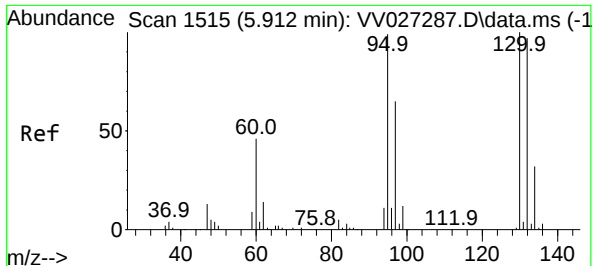
Tgt Ion:117 Resp: 94702
Ion Ratio Lower Upper
117 100
119 96.4 76.6 115.0



#33
Benzene
Concen: 4.918 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV027290.D
Acq: 11 Aug 2022 20:02

Tgt Ion: 78 Resp: 278979

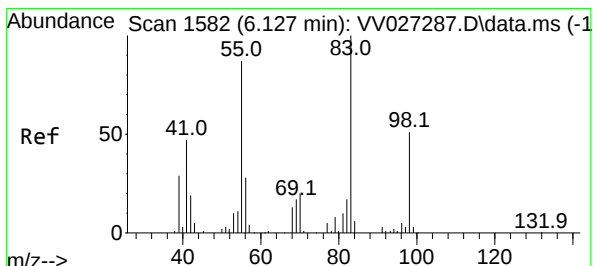
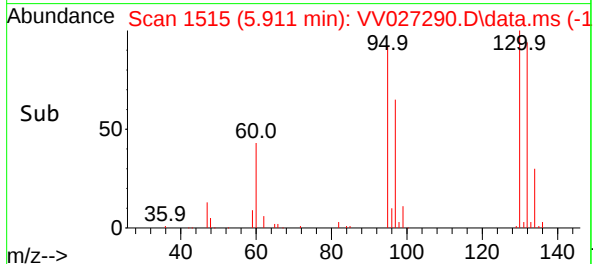
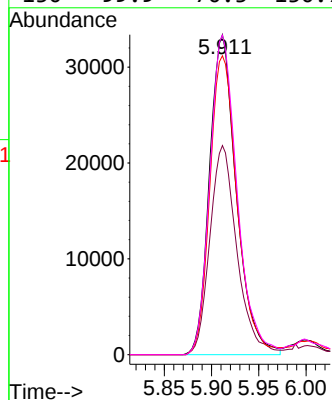
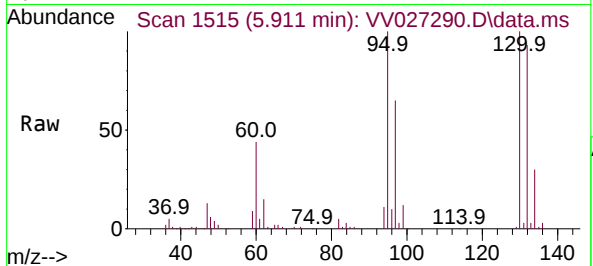




#34
Trichloroethene
Concen: 4.671 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VV027290.D
Acq: 11 Aug 2022 20:02

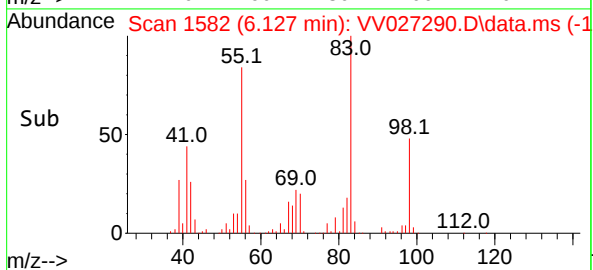
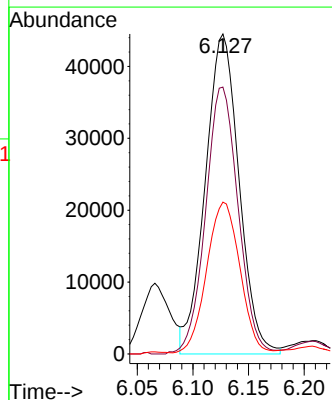
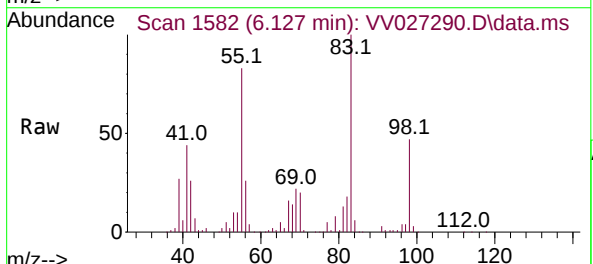
Instrument :
MSVOA_V
ClientSampleId :

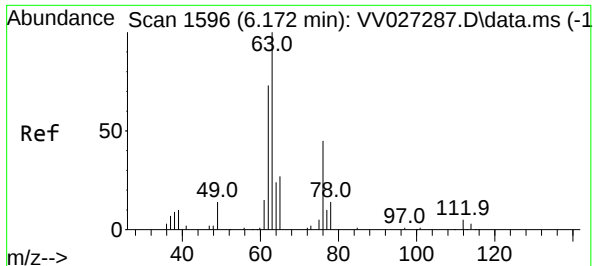
Tgt Ion: 95 Resp: 65951
Ion Ratio Lower Upper
95 100
97 65.3 45.5 84.5
132 93.4 68.2 126.6
130 99.9 70.3 130.7



#35
Methylcyclohexane
Concen: 4.834 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV027290.D
Acq: 11 Aug 2022 20:02

Tgt Ion: 83 Resp: 93972
Ion Ratio Lower Upper
83 100
55 80.5 67.0 100.6
98 46.3 38.7 58.1





#37

1,2-Dichloropropane

Concen: 5.251 ug/L

RT: 6.169 min Scan# 1595

Delta R.T. -0.003 min

Lab File: VV027290.D

Acq: 11 Aug 2022 20:02

Instrument :

MSVOA_V

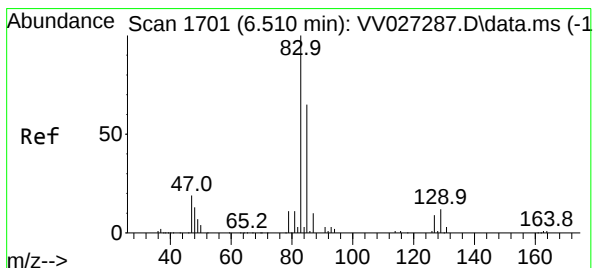
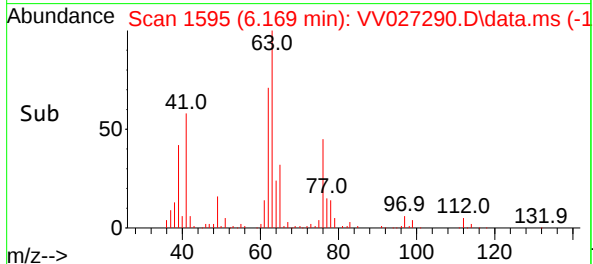
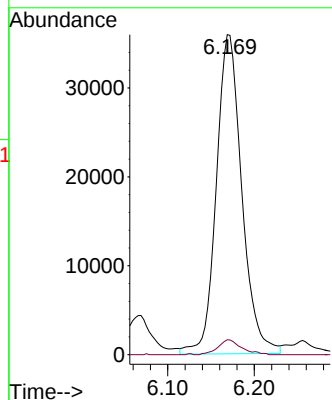
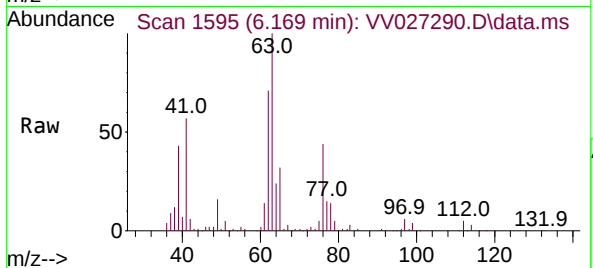
ClientSampleId :

Tgt Ion: 63 Resp: 73619

Ion Ratio Lower Upper

63 100

112 4.3 4.0 6.0



#38

Bromodichloromethane

Concen: 4.911 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VV027290.D

Acq: 11 Aug 2022 20:02

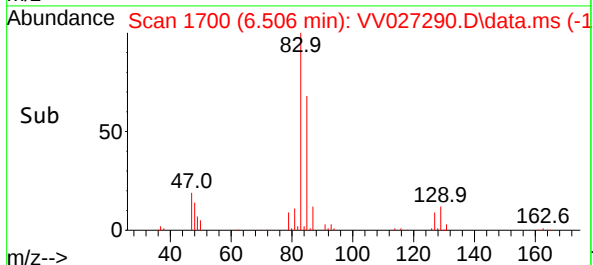
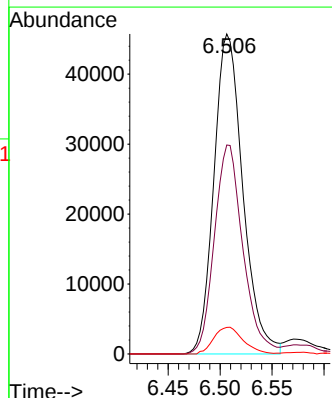
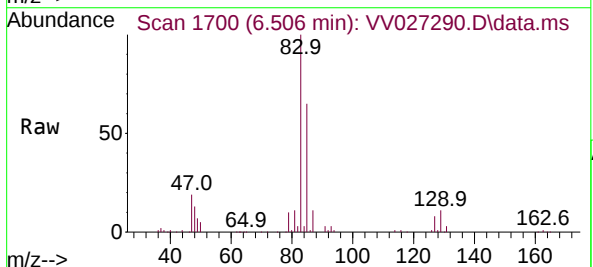
Tgt Ion: 83 Resp: 88733

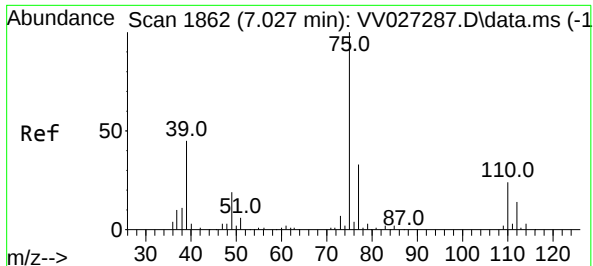
Ion Ratio Lower Upper

83 100

85 65.3 45.4 84.4

127 8.3 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 5.170 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. -0.000 min

Lab File: VV027290.D

Acq: 11 Aug 2022 20:02

Instrument :

MSVOA_V

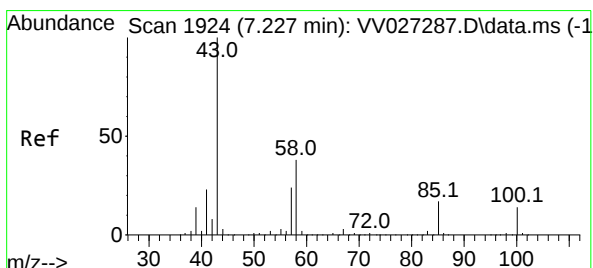
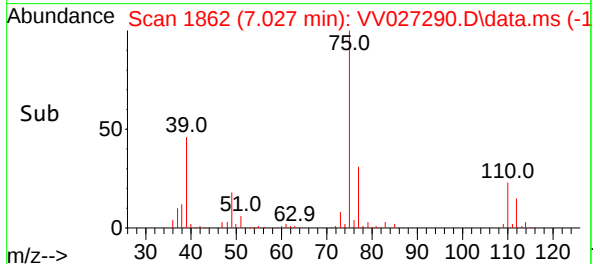
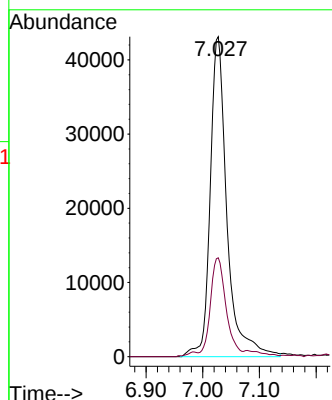
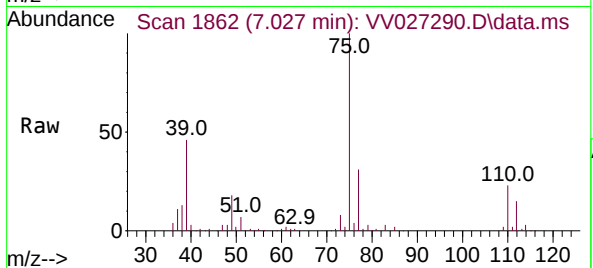
ClientSampleId :

Tgt Ion: 75 Resp: 88601

Ion Ratio Lower Upper

75 100

77 30.9 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 53.440 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV027290.D

Acq: 11 Aug 2022 20:02

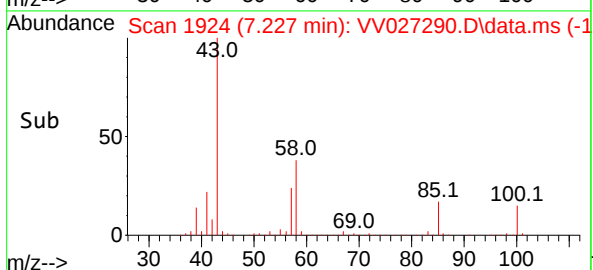
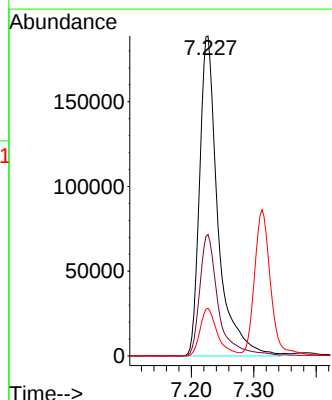
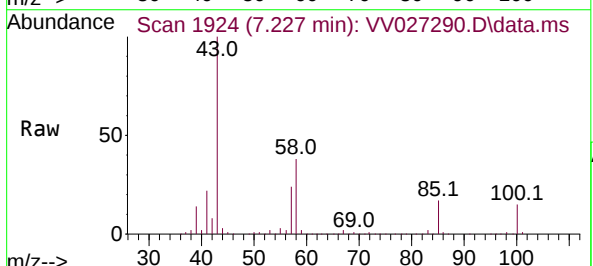
Tgt Ion: 43 Resp: 386678

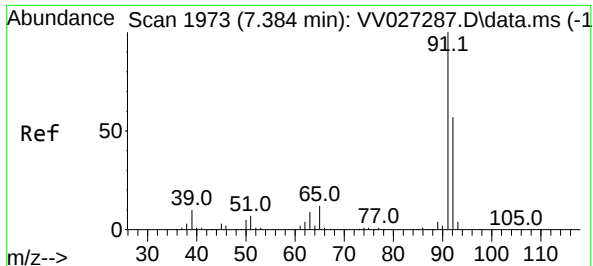
Ion Ratio Lower Upper

43 100

58 38.5 31.0 46.4

100 14.1 10.9 16.3

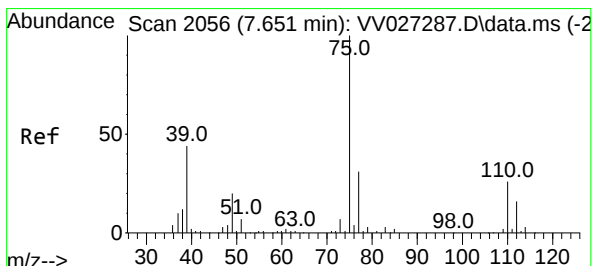
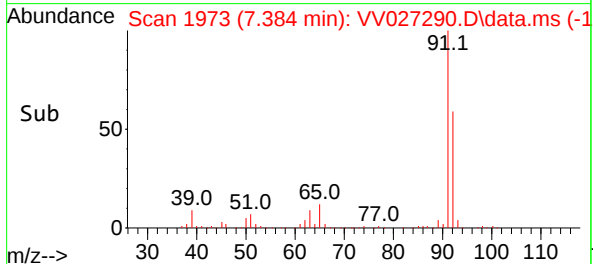
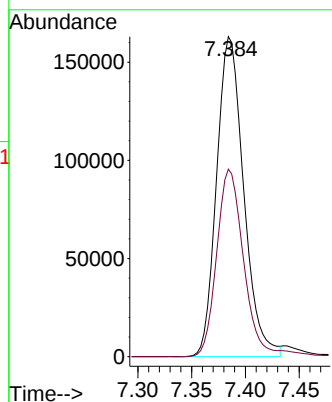
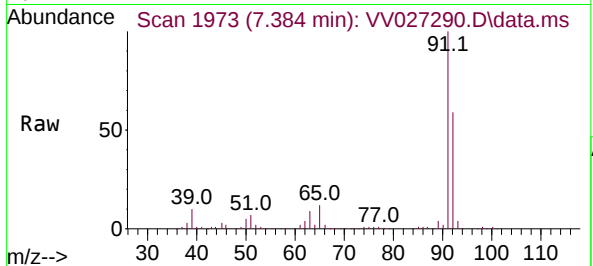




#42
Toluene
Concen: 5.046 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VV027290.D
Acq: 11 Aug 2022 20:02

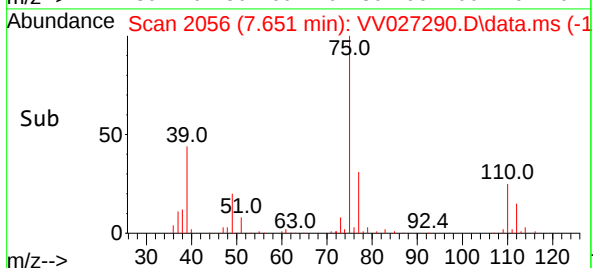
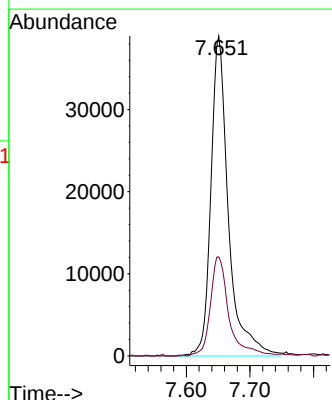
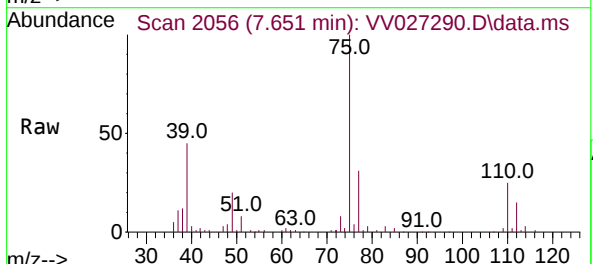
Instrument :
MSVOA_V
ClientSampleId :

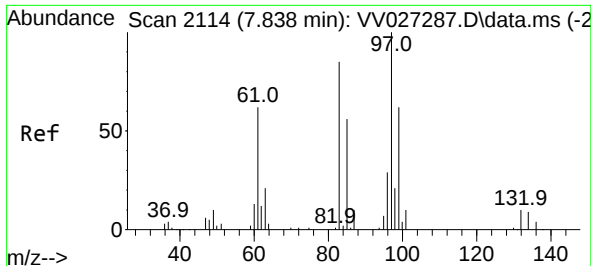
Tgt Ion: 91 Resp: 285560
Ion Ratio Lower Upper
91 100
92 58.6 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 4.960 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VV027290.D
Acq: 11 Aug 2022 20:02

Tgt Ion: 75 Resp: 74366
Ion Ratio Lower Upper
75 100
77 31.0 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 5.070 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. -0.000 min

Lab File: VV027290.D

Acq: 11 Aug 2022 20:02

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 50681

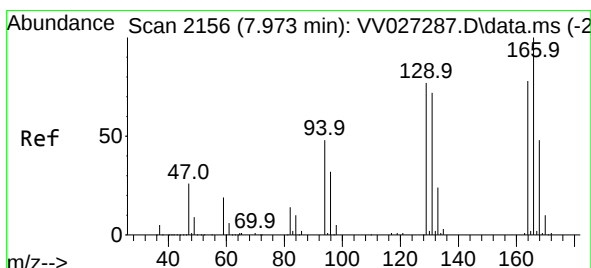
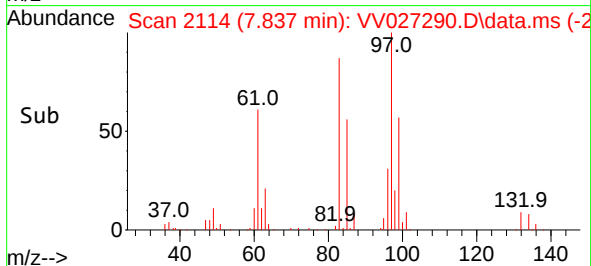
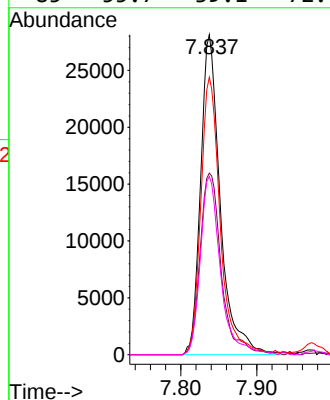
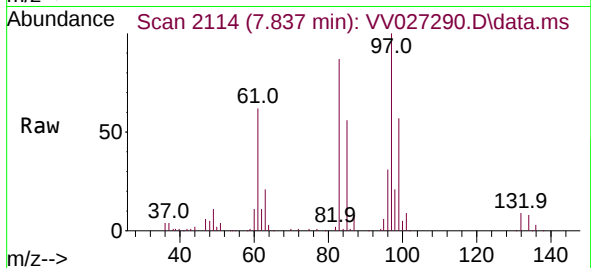
Ion Ratio Lower Upper

97 100

99 56.8 43.7 81.1

83 86.7 59.8 111.0

85 55.7 39.1 72.7



#47

Tetrachloroethene

Concen: 4.695 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV027290.D

Acq: 11 Aug 2022 20:02

Tgt Ion: 164 Resp: 52059

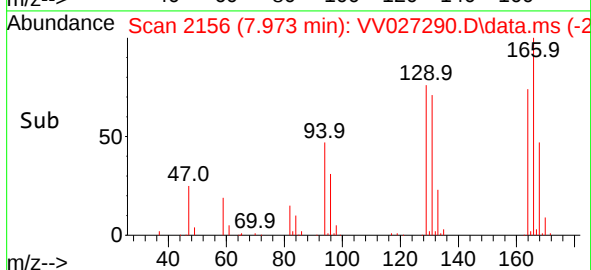
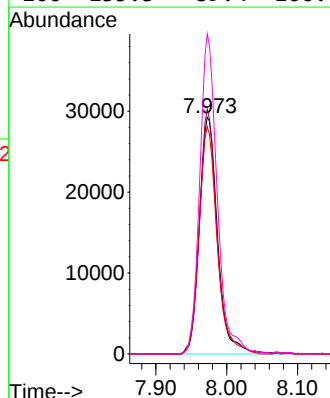
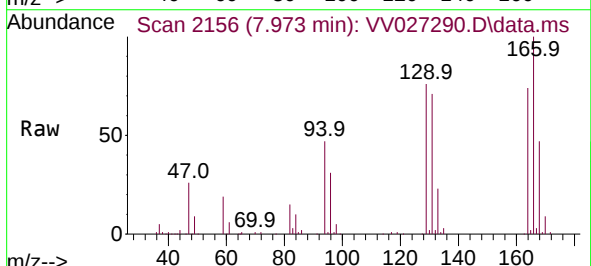
Ion Ratio Lower Upper

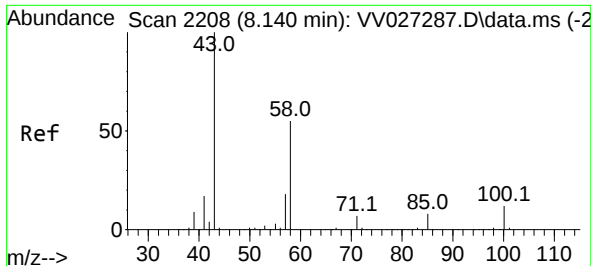
164 100

129 103.3 69.0 128.1

131 96.1 64.7 120.1

166 135.3 89.4 166.0

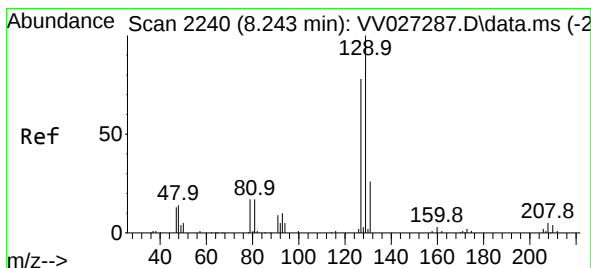
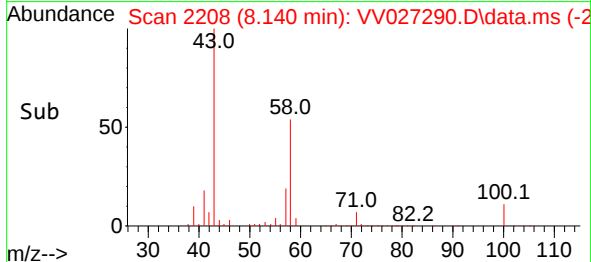
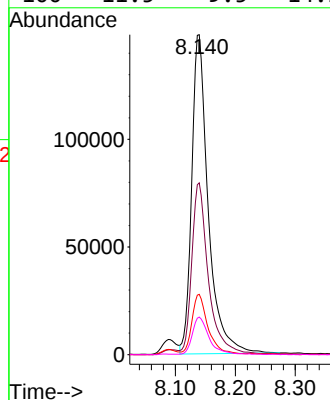
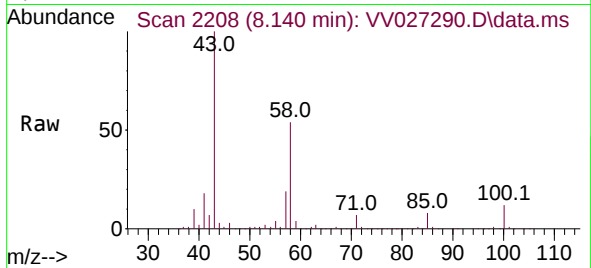




#48
2-Hexanone
Concen: 54.808 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027290.D
Acq: 11 Aug 2022 20:02

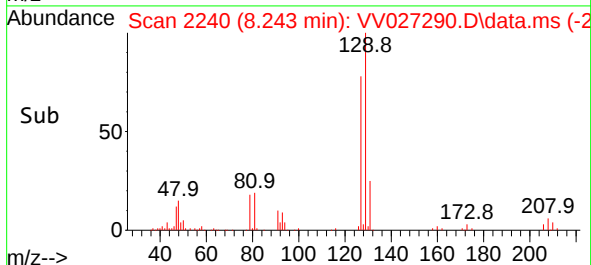
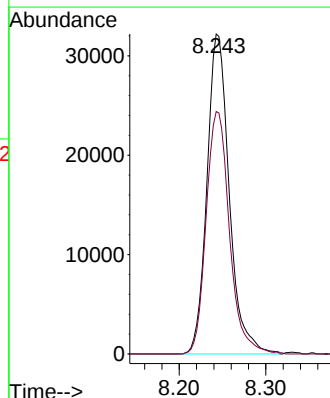
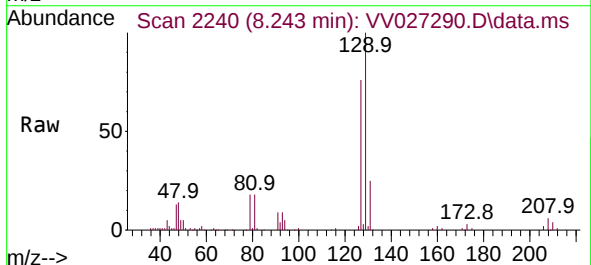
Instrument :
MSVOA_V
ClientSampleId :

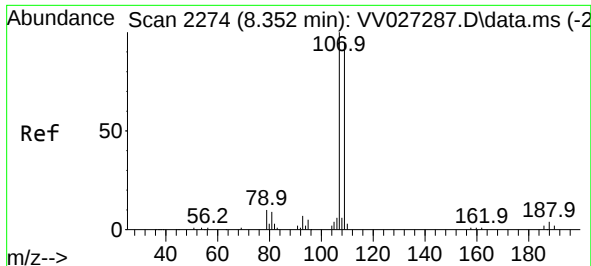
Tgt Ion: 43 Resp: 284580
Ion Ratio Lower Upper
43 100
58 53.2 42.8 64.2
57 18.0 15.2 22.8
100 11.5 9.5 14.3



#49
Dibromochloromethane
Concen: 4.921 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV027290.D
Acq: 11 Aug 2022 20:02

Tgt Ion: 129 Resp: 57576
Ion Ratio Lower Upper
129 100
127 75.8 54.5 101.3





#50

1,2-Dibromoethane

Concen: 5.049 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min

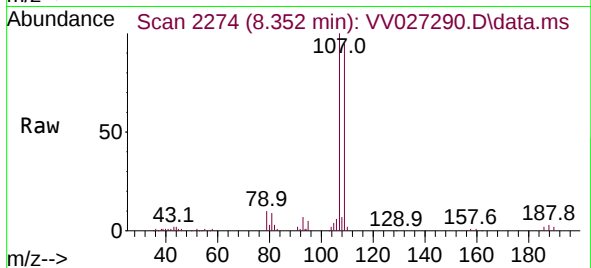
Lab File: VV027290.D

Acq: 11 Aug 2022 20:02

Instrument :

MSVOA_V

ClientSampleId :



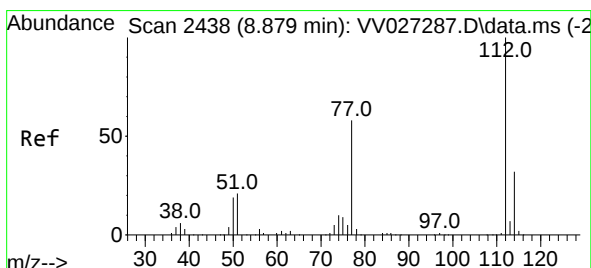
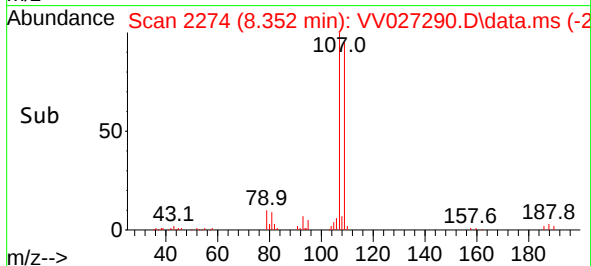
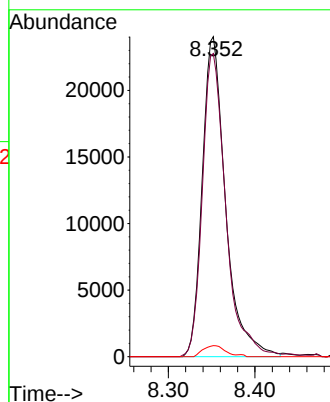
Tgt Ion:107 Resp: 44871

Ion Ratio Lower Upper

107 100

109 94.8 66.1 122.8

188 3.4 3.4 5.2



#51

Chlorobenzene

Concen: 4.889 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV027290.D

Acq: 11 Aug 2022 20:02

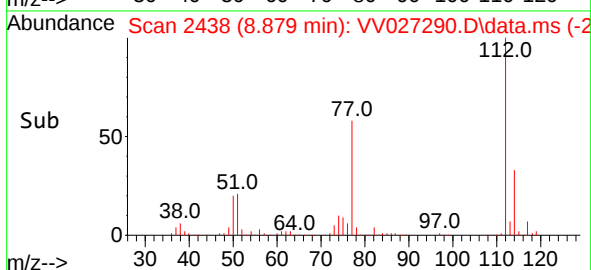
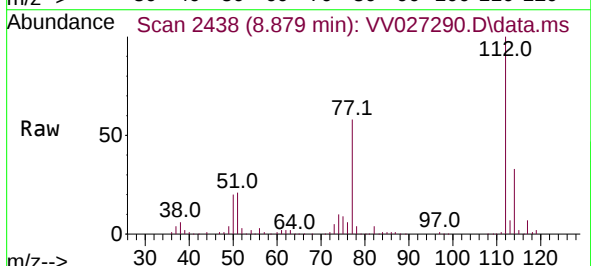
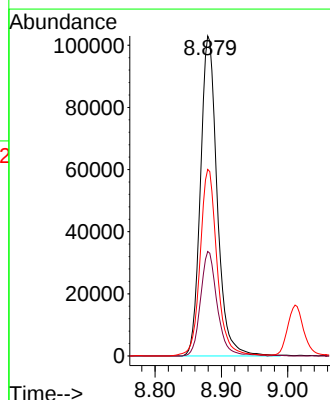
Tgt Ion:112 Resp: 180231

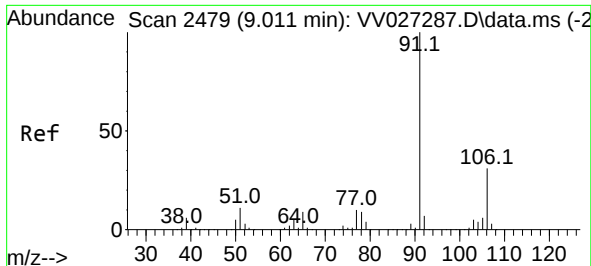
Ion Ratio Lower Upper

112 100

114 32.6 22.5 41.9

77 58.3 46.4 69.6

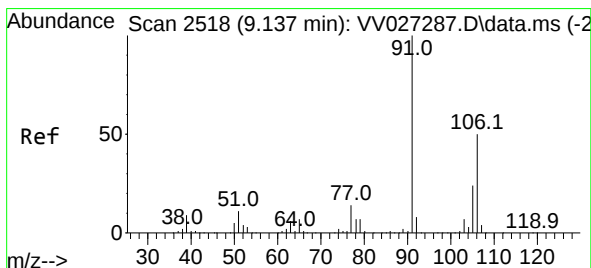
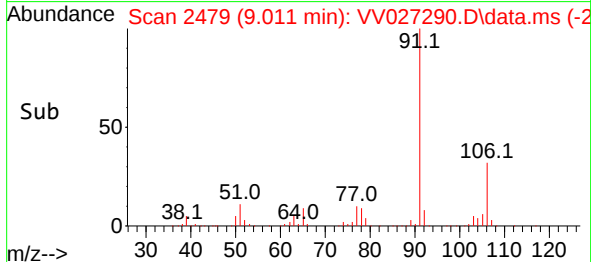
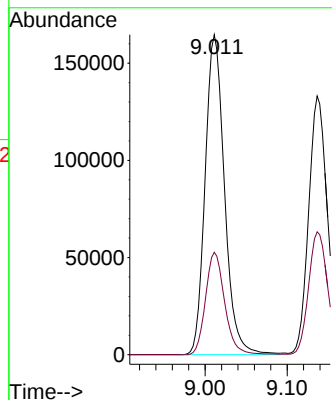
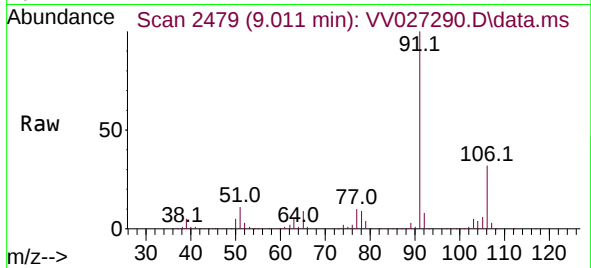




#52
Ethylbenzene
Concen: 4.744 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV027290.D
Acq: 11 Aug 2022 20:02

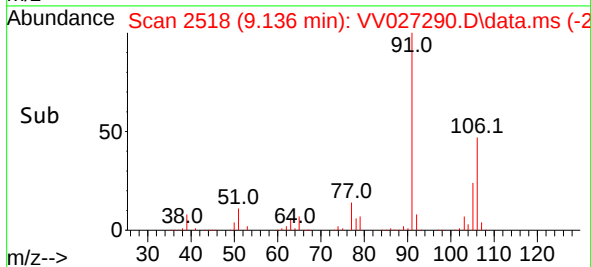
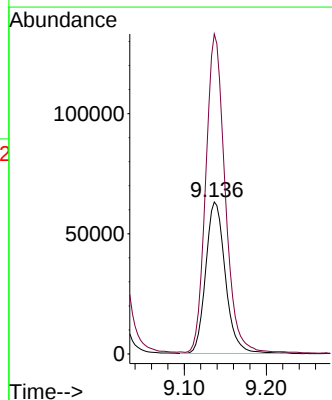
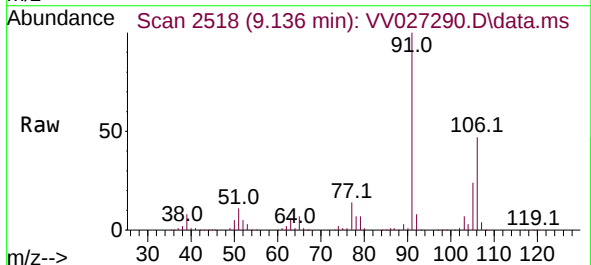
Instrument :
MSVOA_V
ClientSampleId :

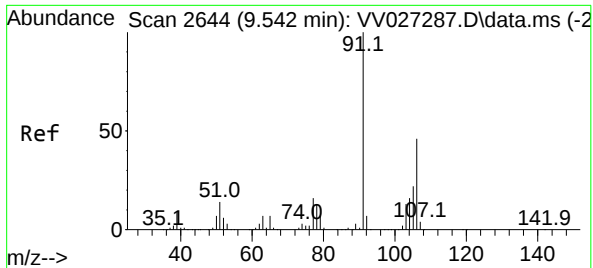
Tgt Ion: 91 Resp: 269783
Ion Ratio Lower Upper
91 100
106 32.0 21.5 39.9



#53
m,p-Xylene
Concen: 4.832 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV027290.D
Acq: 11 Aug 2022 20:02

Tgt Ion: 106 Resp: 104786
Ion Ratio Lower Upper
106 100
91 210.6 141.5 262.9

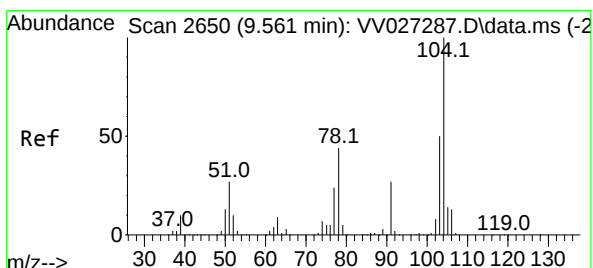
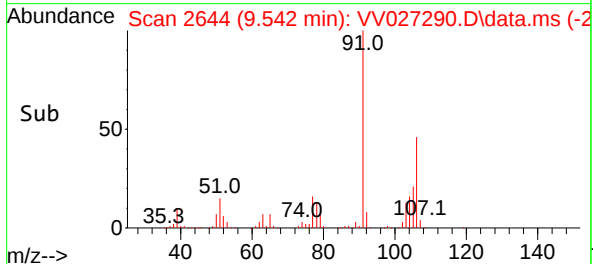
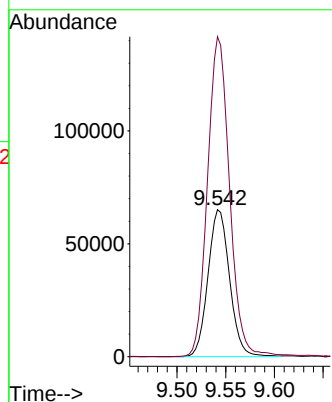
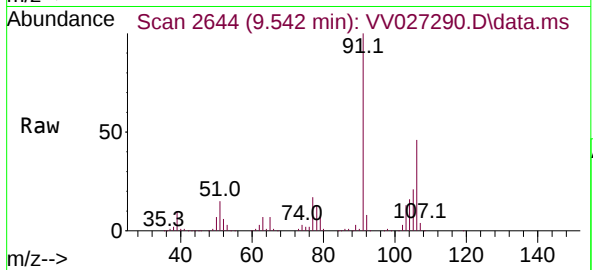




#54
o-Xylene
Concen: 4.728 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027290.D
Acq: 11 Aug 2022 20:02

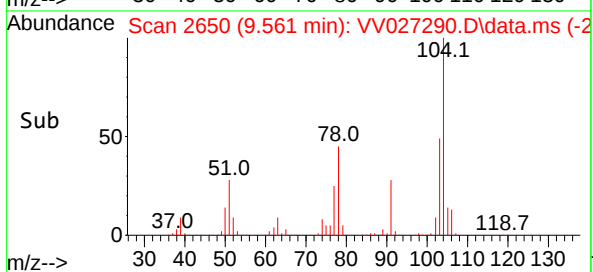
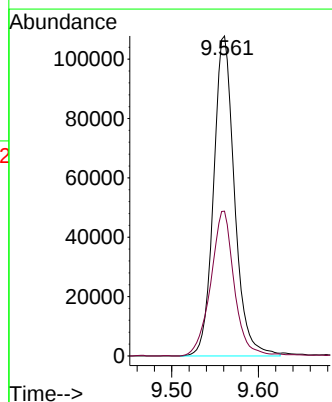
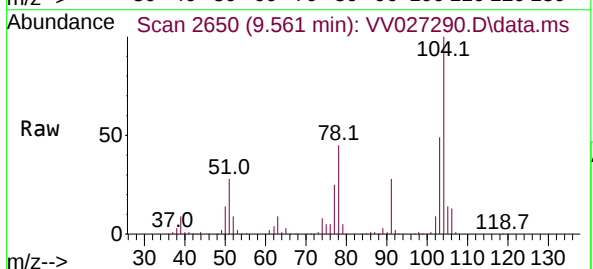
Instrument :
MSVOA_V
ClientSampleId :

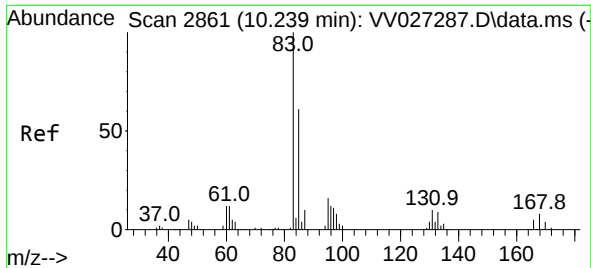
Tgt Ion:106 Resp: 100296
Ion Ratio Lower Upper
106 100
91 217.7 153.2 284.4



#55
Styrene
Concen: 4.975 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV027290.D
Acq: 11 Aug 2022 20:02

Tgt Ion:104 Resp: 181452
Ion Ratio Lower Upper
104 100
78 45.3 30.7 57.1

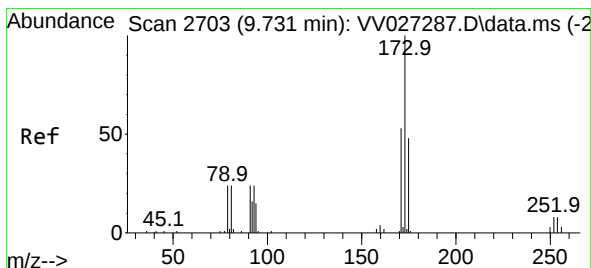
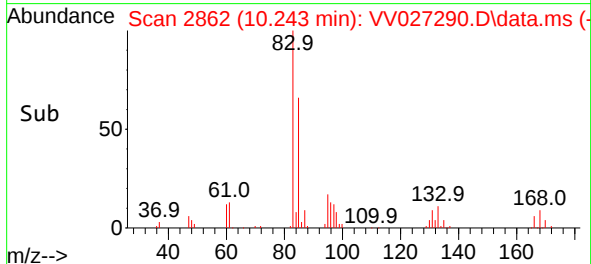
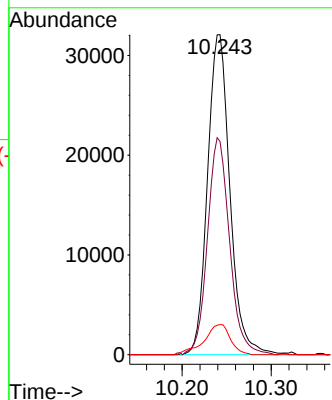
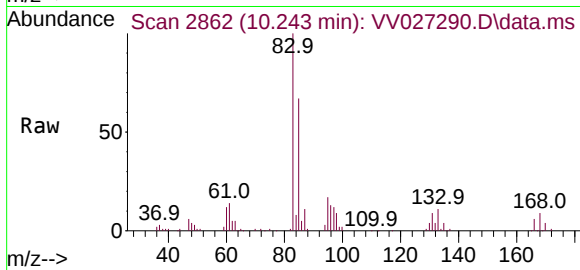




#57
1,1,2-Tetrachloroethane
Concen: 5.019 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV027290.D
Acq: 11 Aug 2022 20:02

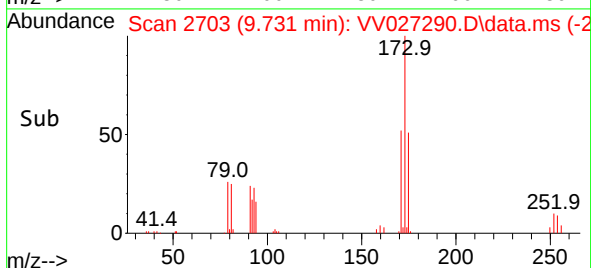
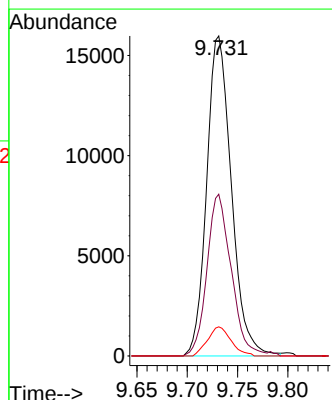
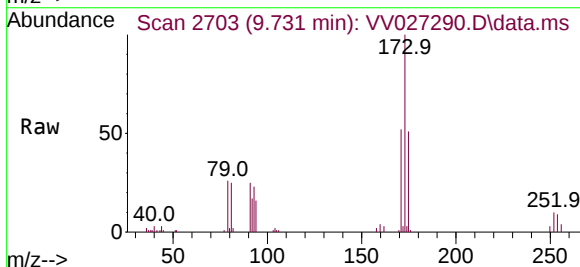
Instrument :
MSVOA_V
ClientSampleId :

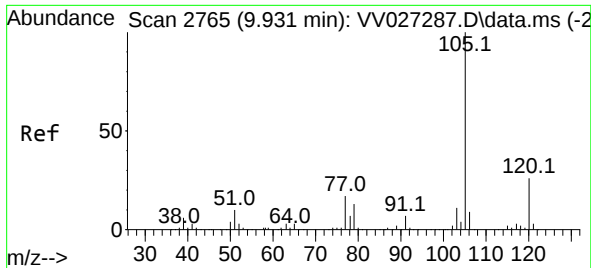
Tgt Ion: 83 Resp: 55921
Ion Ratio Lower Upper
83 100
85 66.6 43.3 80.3
131 9.4 7.7 11.5



#59
Bromoform
Concen: 4.780 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV027290.D
Acq: 11 Aug 2022 20:02

Tgt Ion: 173 Resp: 27309
Ion Ratio Lower Upper
173 100
175 49.5 38.2 57.2
254 8.7 6.5 9.7

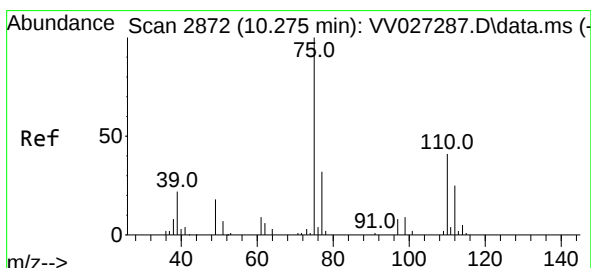
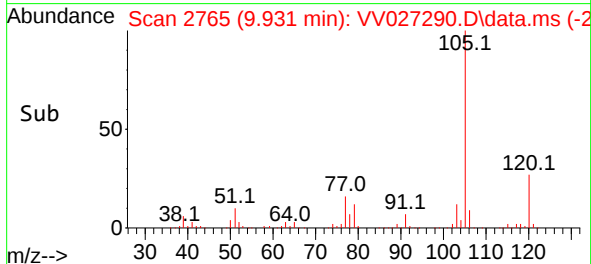
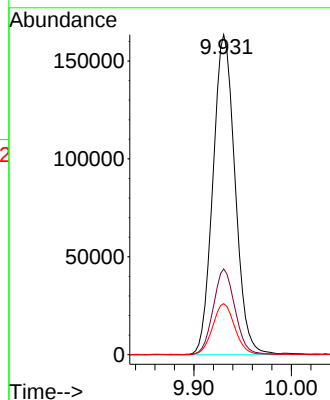
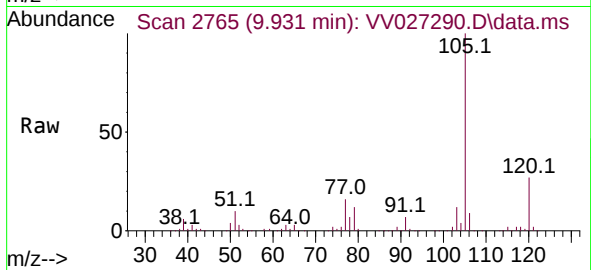




#60
Isopropylbenzene
Concen: 4.827 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV027290.D
Acq: 11 Aug 2022 20:02

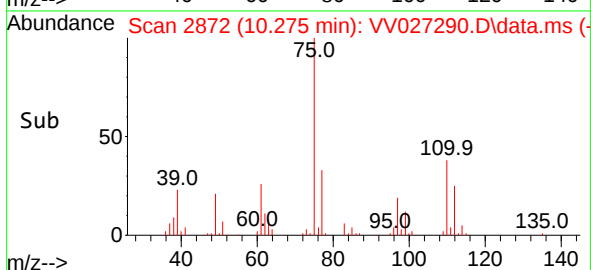
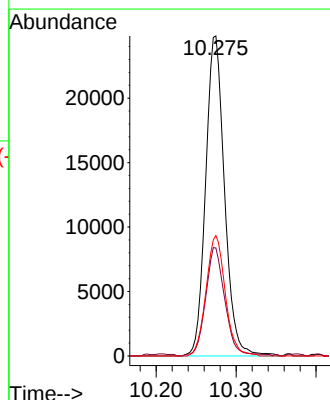
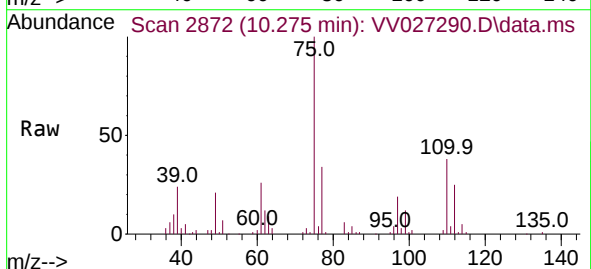
Instrument :
MSVOA_V
ClientSampleId :

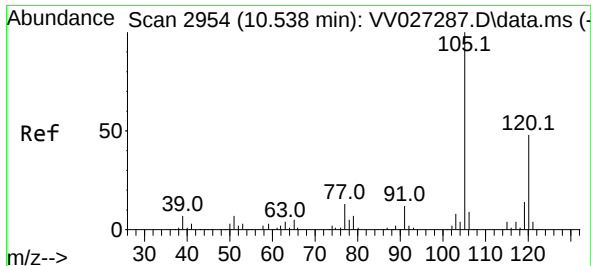
Tgt Ion:105 Resp: 257574
Ion Ratio Lower Upper
105 100
120 26.4 21.0 31.4
77 16.2 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 4.999 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV027290.D
Acq: 11 Aug 2022 20:02

Tgt Ion: 75 Resp: 40786
Ion Ratio Lower Upper
75 100
77 34.5 26.6 39.8
110 38.4 31.0 46.6





#62

1,3,5-Trimethylbenzene

Concen: 4.665 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV027290.D

Acq: 11 Aug 2022 20:02

Instrument :

MSVOA_V

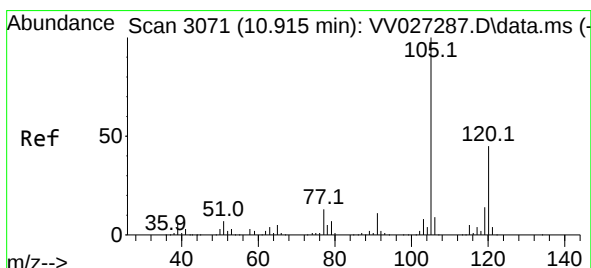
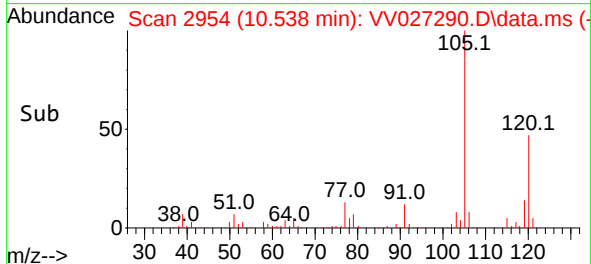
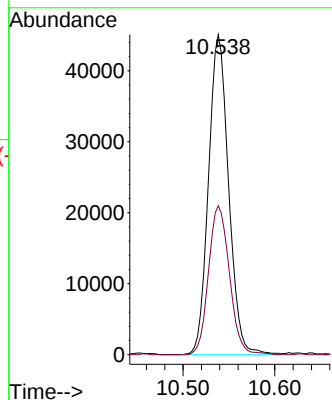
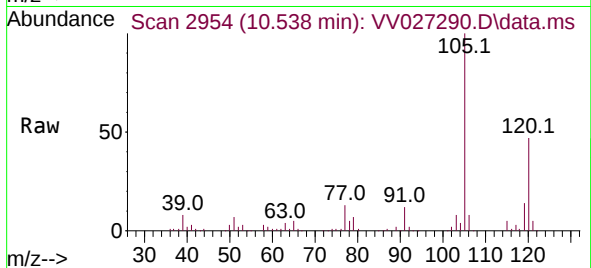
ClientSampleId :

Tgt Ion:105 Resp: 68796

Ion Ratio Lower Upper

105 100

120 48.3 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 4.578 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV027290.D

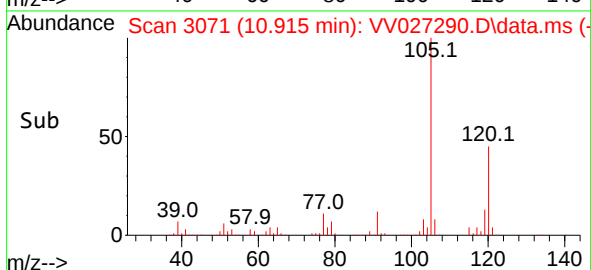
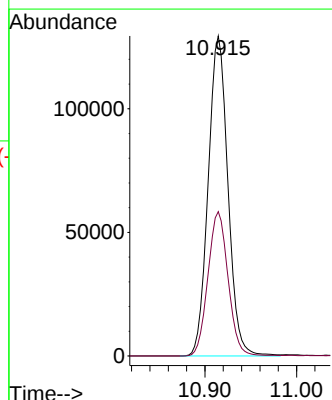
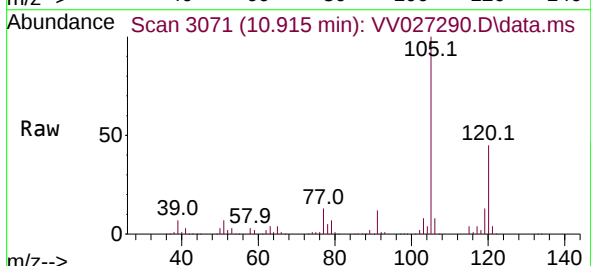
Acq: 11 Aug 2022 20:02

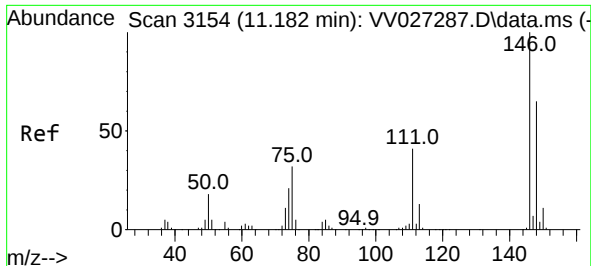
Tgt Ion:105 Resp: 193567

Ion Ratio Lower Upper

105 100

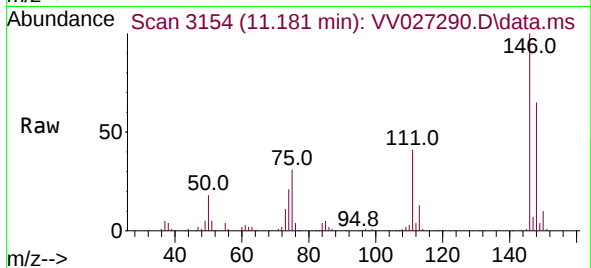
120 46.1 36.2 54.2



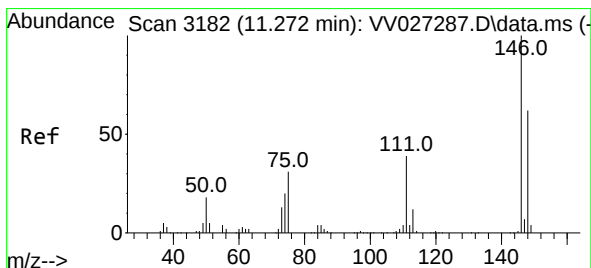
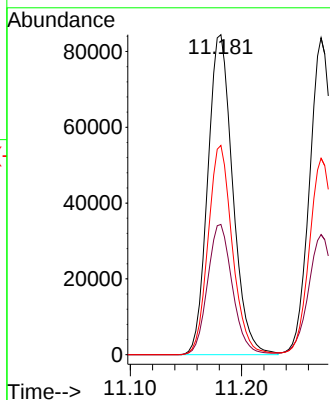
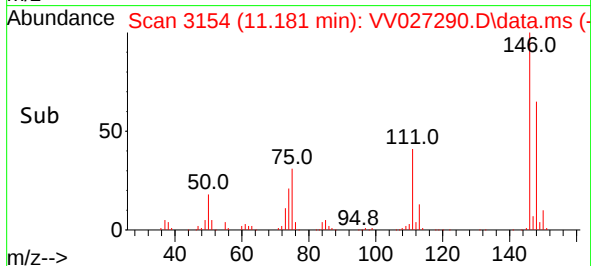


#64
1,3-Dichlorobenzene
Concen: 4.937 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV027290.D
Acq: 11 Aug 2022 20:02

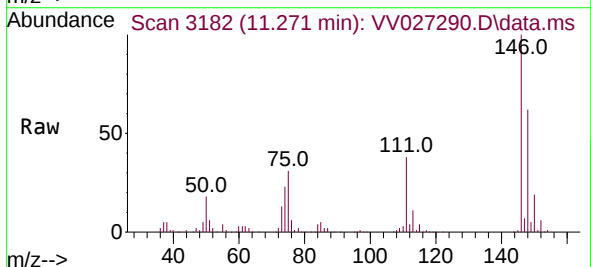
Instrument :
MSVOA_V
ClientSampleId :



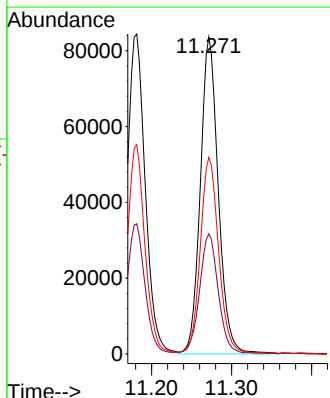
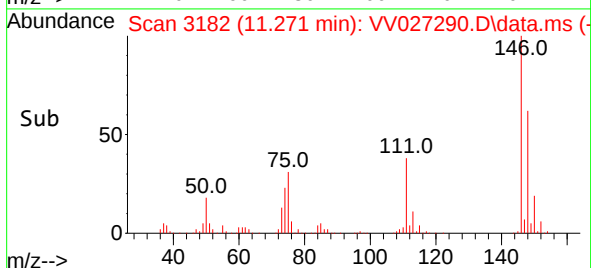
Tgt Ion:146 Resp: 131646
Ion Ratio Lower Upper
146 100
111 40.7 28.8 53.4
148 65.4 45.4 84.4

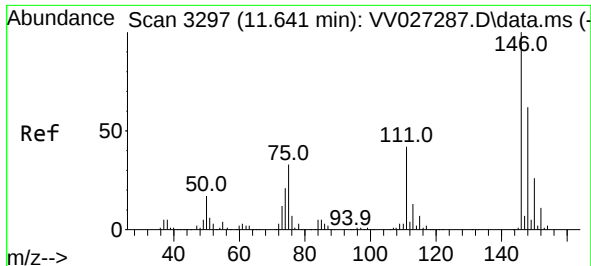


#65
1,4-Dichlorobenzene
Concen: 4.885 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV027290.D
Acq: 11 Aug 2022 20:02



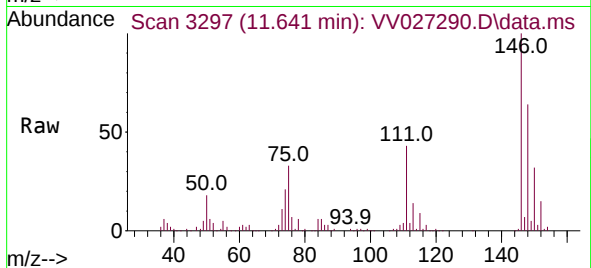
Tgt Ion:146 Resp: 131059
Ion Ratio Lower Upper
146 100
111 37.9 27.4 51.0
148 62.0 43.3 80.5



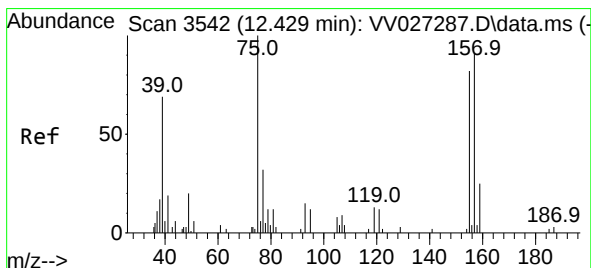
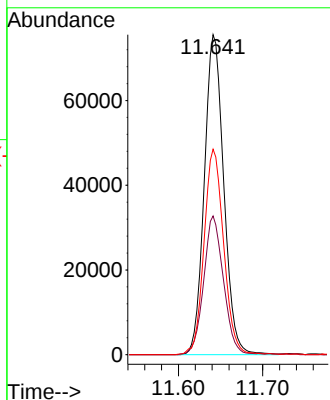
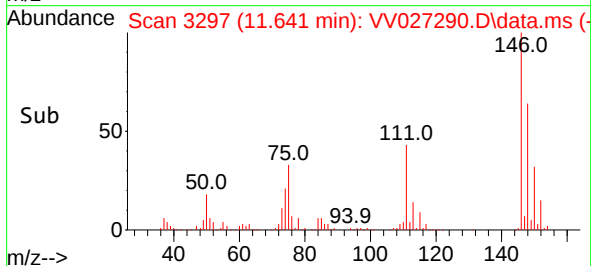


#67
1,2-Dichlorobenzene
Concen: 4.890 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV027290.D
Acq: 11 Aug 2022 20:02

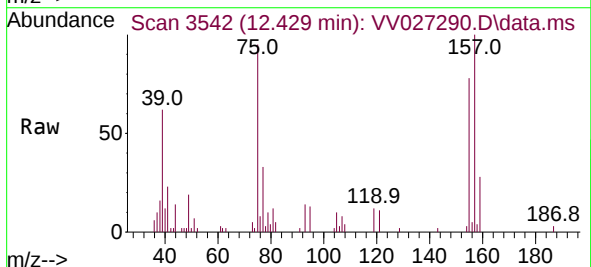
Instrument :
MSVOA_V
ClientSampleId :



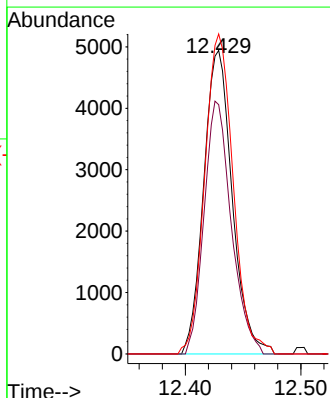
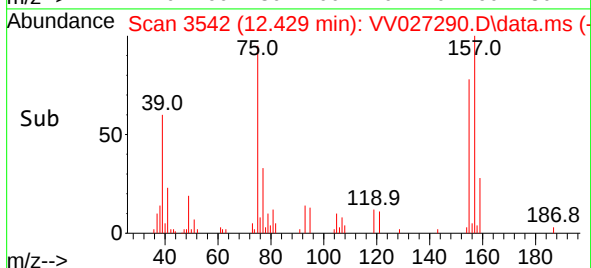
Tgt Ion:146 Resp: 121428
Ion Ratio Lower Upper
146 100
111 43.4 33.2 49.8
148 64.2 49.9 74.9

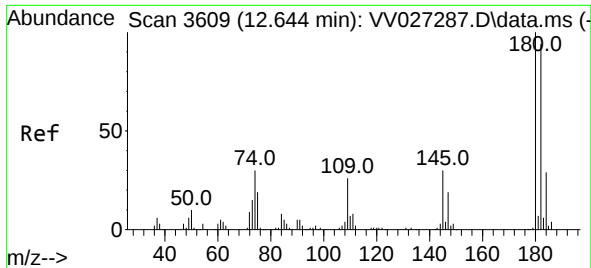


#68
1,2-Dibromo-3-chloropropane
Concen: 4.985 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV027290.D
Acq: 11 Aug 2022 20:02



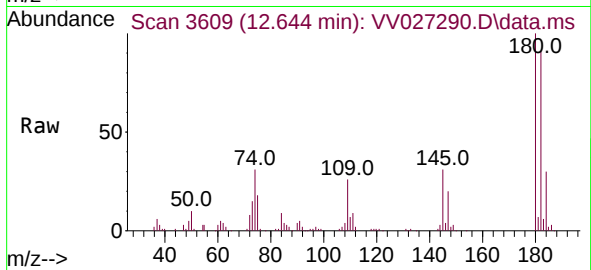
Tgt Ion: 75 Resp: 8496
Ion Ratio Lower Upper
75 100
155 82.1 65.8 98.6
157 105.4 73.0 109.4



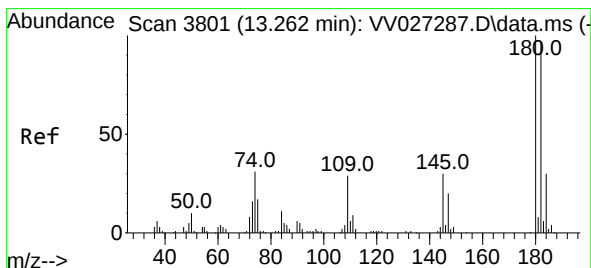
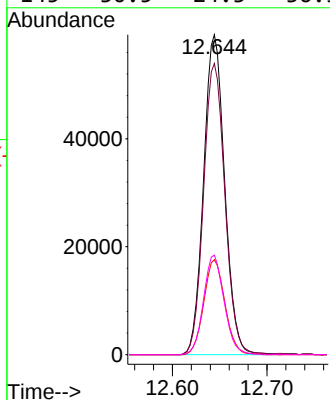
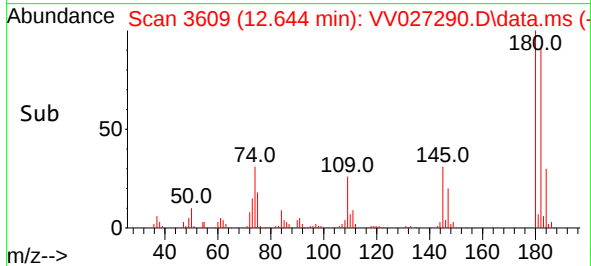


#69
 1,3,5-Trichlorobenzene
 Concen: 4.769 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV027290.D
 Acq: 11 Aug 2022 20:02

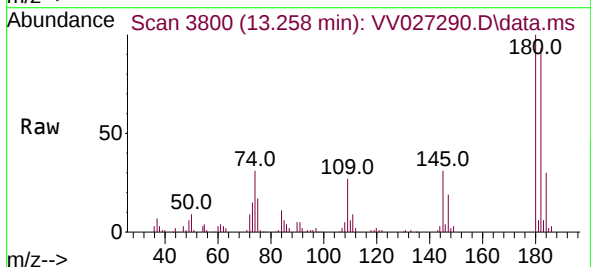
Instrument :
 MSVOA_V
 ClientSampleId :



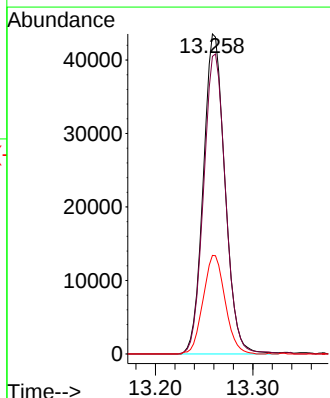
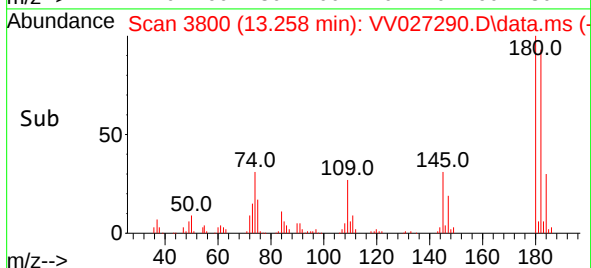
Tgt Ion:180 Resp: 91697
 Ion Ratio Lower Upper
 180 100
 182 92.4 74.7 112.1
 184 29.8 23.3 34.9
 145 30.5 24.3 36.5

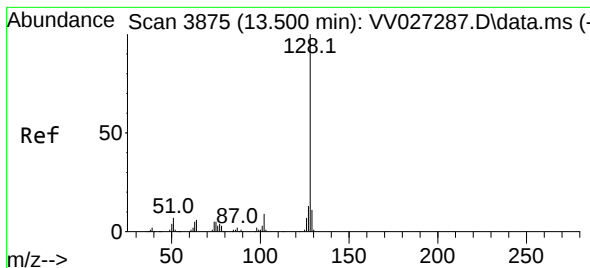


#70
 1,2,4-trichlorobenzene
 Concen: 4.679 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.003 min
 Lab File: VV027290.D
 Acq: 11 Aug 2022 20:02



Tgt Ion:180 Resp: 67232
 Ion Ratio Lower Upper
 180 100
 182 95.2 77.4 116.0
 145 31.3 24.9 37.3





#71

Naphthalene

Concen: 4.688 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV027290.D

Acq: 11 Aug 2022 20:02

Instrument :

MSVOA_V

ClientSampleId :

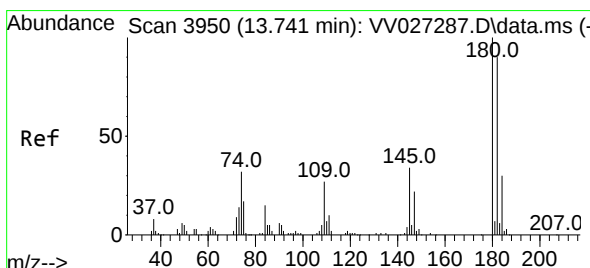
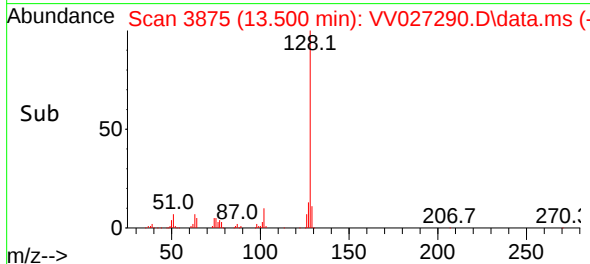
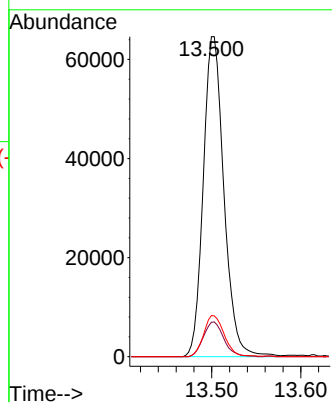
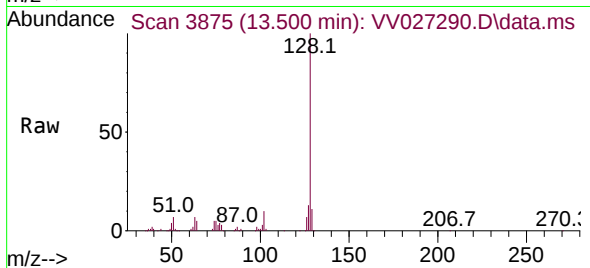
Tgt Ion:128 Resp: 104073

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.4

127 12.8 10.6 15.8



#72

1,2,3-Trichlorobenzene

Concen: 4.683 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV027290.D

Acq: 11 Aug 2022 20:02

Tgt Ion:180 Resp: 62714

Ion Ratio Lower Upper

180 100

182 98.3 73.8 110.6

145 34.4 27.0 40.4

