

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081222\
 Data File : VV027287.D
 Acq On : 11 Aug 2022 18:21
 Operator : SY/MD
 Sample : VSTD00509
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 12 01:31:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 01:29:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	163980	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	169434	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	89666	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	74020	5.196	ug/L	0.00
7) Chloroethane-d5	1.561	69	52361	5.061	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	129743	5.022	ug/L	0.00
20) 2-Butanone-d5	3.883	46	119739	45.822	ug/L	0.00
24) Chloroform-d	4.343	84	132614	5.076	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	63524	5.103	ug/L	0.00
32) Benzene-d6	5.047	84	256012	5.122	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	77157	4.695	ug/L	0.00
41) Toluene-d8	7.313	98	247251	5.403	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	26819	5.010	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	107525	51.904	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	56300	5.036	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	75141	4.855	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	99492	5.106	ug/L	100
3) Chloromethane	1.237	50	95318	4.890	ug/L	100
5) Vinyl chloride	1.307	62	88967	4.893	ug/L	100
6) Bromomethane	1.516	94	42233	4.975	ug/L	100
8) Chloroethane	1.581	64	49555	4.902	ug/L	100
9) Trichlorofluoromethane	1.748	101	124120	5.113	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	57548	5.048	ug/L	100
12) 1,1-Dichloroethene	2.111	96	58991	4.995	ug/L	100
13) Acetone	2.166	43	63569	31.622	ug/L #	34
14) Carbon disulfide	2.285	76	231353	4.893	ug/L	100
15) Methyl Acetate	2.433	43	20162	4.644	ug/L	100
16) Methylene chloride	2.500	84	81581	4.302	ug/L	100
17) Methyl tert-butyl Ether	2.767	73	134032	4.863	ug/L	100
18) trans-1,2-Dichloroethene	2.754	96	69640	4.795	ug/L	100
19) 1,1-Dichloroethane	3.185	63	136634	4.913	ug/L	100
21) 2-Butanone	3.966	43	106423	46.629	ug/L	100
22) cis-1,2-Dichloroethene	3.908	96	69790	4.886	ug/L	100
23) Bromochloromethane	4.243	128	33614	5.035	ug/L	100
25) Chloroform	4.368	83	139432	4.880	ug/L	100
27) 1,2-Dichloroethane	5.127	62	76224	4.668	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	118462	4.968	ug/L	100
30) Cyclohexane	4.670	56	97994	5.073	ug/L	100
31) Carbon tetrachloride	4.822	117	103459	4.986	ug/L	100
33) Benzene	5.095	78	290078	5.009	ug/L	100
34) Trichloroethene	5.912	95	70654	4.902	ug/L	100
35) Methylcyclohexane	6.127	83	101854	5.132	ug/L	100
37) 1,2-Dichloropropane	6.172	63	74437	5.200	ug/L	100
38) Bromodichloromethane	6.510	83	90388	4.900	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	85930	4.911	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	382751	51.813	ug/L	100
42) Toluene	7.384	91	306772	5.309	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	77963	5.093	ug/L	100

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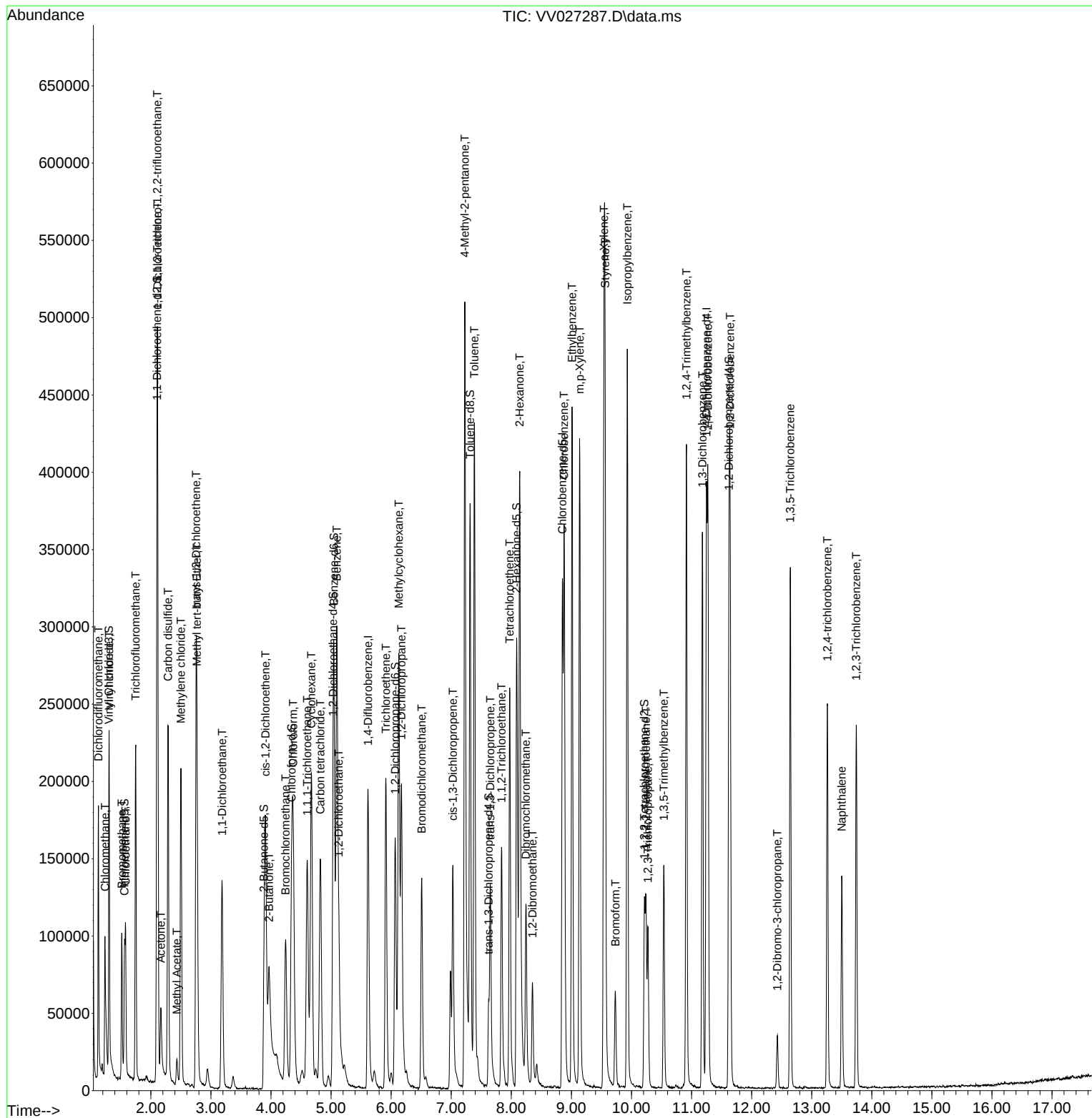
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	51653	5.061	ug/L	100
47) Tetrachloroethene	7.973	164	56646	5.004	ug/L	100
48) 2-Hexanone	8.140	43	277624	53.369	ug/L	100
49) Dibromochloromethane	8.243	129	59456	4.977	ug/L	100
50) 1,2-Dibromoethane	8.352	107	46000	5.070	ug/L	100
51) Chlorobenzene	8.879	112	188226	5.001	ug/L	100
52) Ethylbenzene	9.011	91	297375	5.122	ug/L	100
53) m,p-Xylene	9.137	106	116443	5.259	ug/L	100
54) o-Xylene	9.542	106	111395	5.144	ug/L	100
55) Styrene	9.561	104	199971	5.370	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	58174	5.114	ug/L	100
59) Bromoform	9.731	173	29077	4.809	ug/L	100
60) Isopropylbenzene	9.931	105	287282	5.087	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	41442	4.799	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	74667	4.784	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	217205	4.854	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	141123	5.001	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	143232	5.044	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	132706	5.050	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	8435	4.676	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	99027	4.866	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	71027	4.671	ug/L	100
71) Naphthalene	13.500	128	105258	4.480	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	68064	4.802	ug/L	100

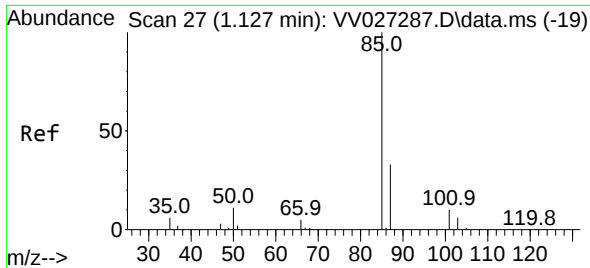
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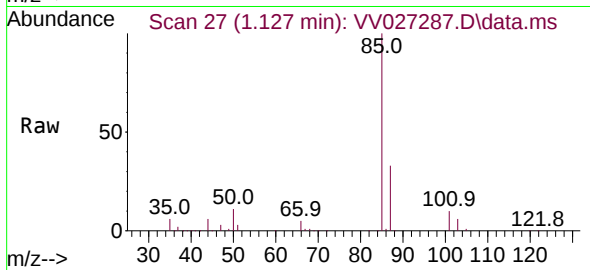
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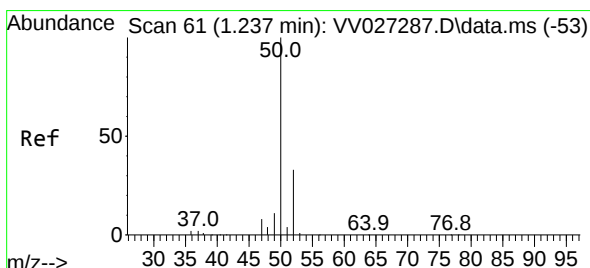
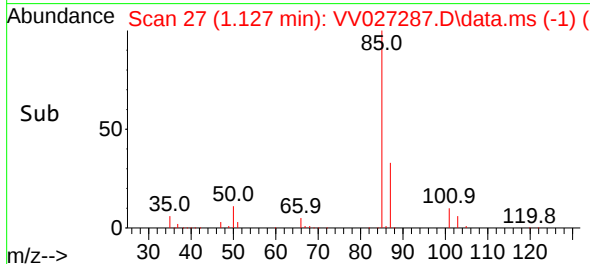
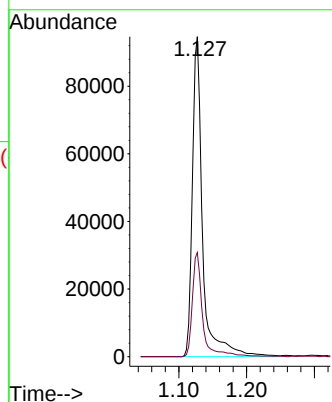


#2
 Dichlorodifluoromethane
 Concen: 5.106 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027287.D
 Acq: 11 Aug 2022 18:21

Instrument :
 MSVOA_V
 ClientSampleId :

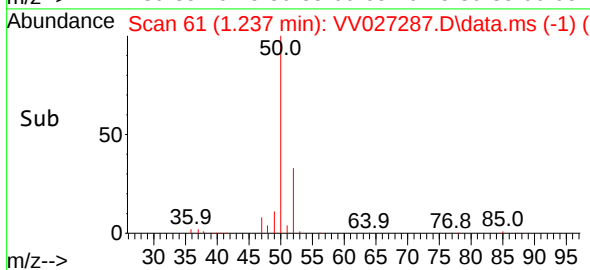
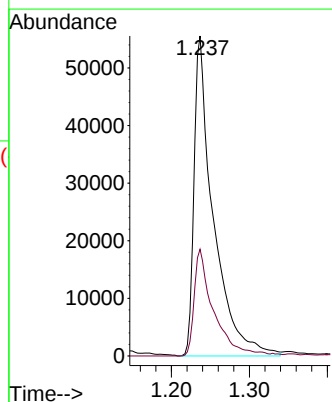
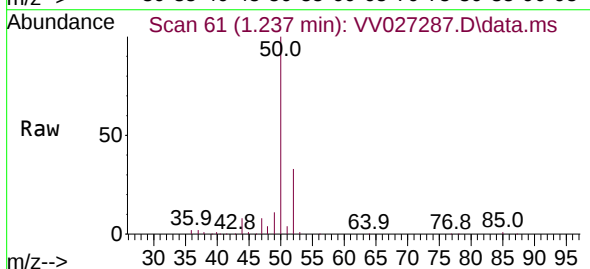


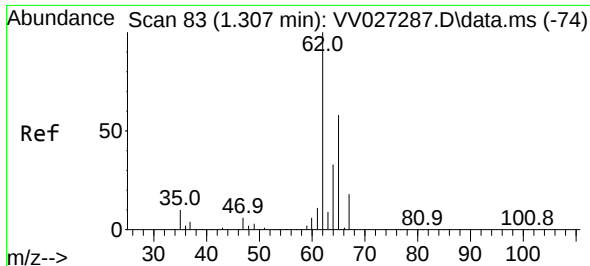
Tgt Ion: 85 Resp: 99492
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.2 39.4



#3
 Chloromethane
 Concen: 4.890 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV027287.D
 Acq: 11 Aug 2022 18:21

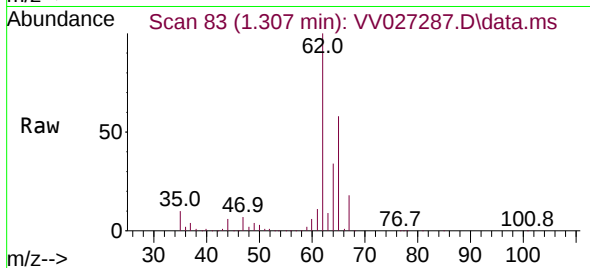
Tgt Ion: 50 Resp: 95318
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.4 43.4



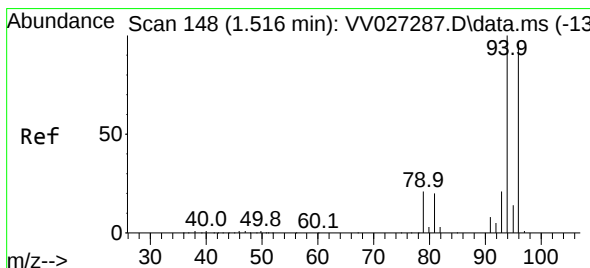
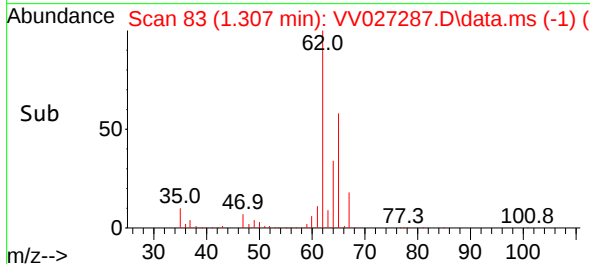
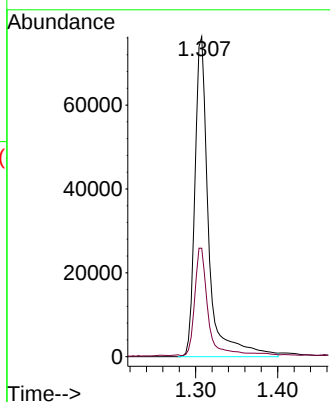


#5
 Vinyl chloride
 Concen: 4.893 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV027287.D
 Acq: 11 Aug 2022 18:21

Instrument :
 MSVOA_V
 ClientSampleId :

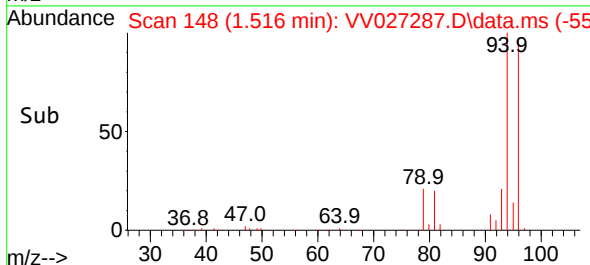
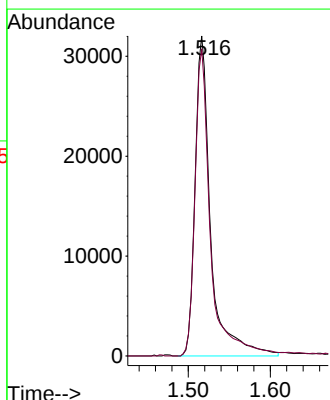
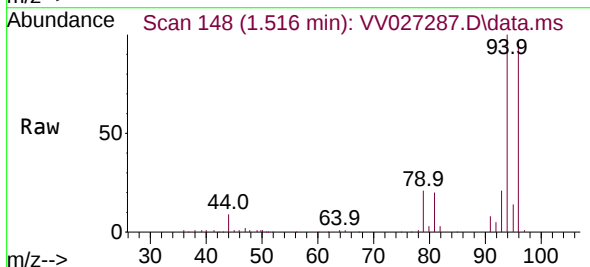


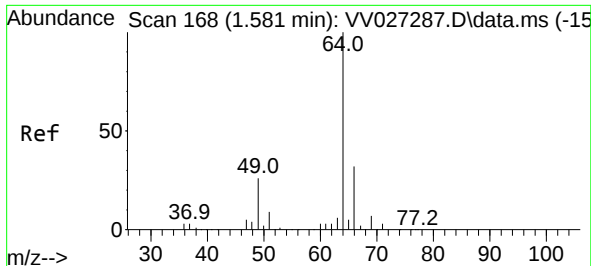
Tgt Ion: 62 Resp: 88967
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.7 44.1



#6
 Bromomethane
 Concen: 4.975 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV027287.D
 Acq: 11 Aug 2022 18:21

Tgt Ion: 94 Resp: 42233
 Ion Ratio Lower Upper
 94 100
 96 96.0 67.2 124.8

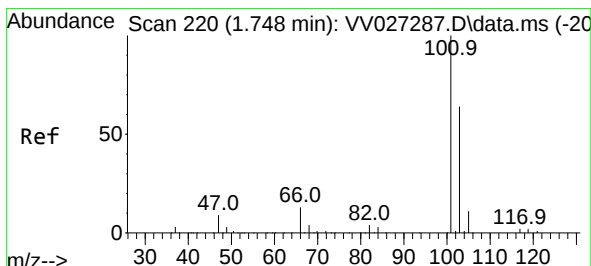
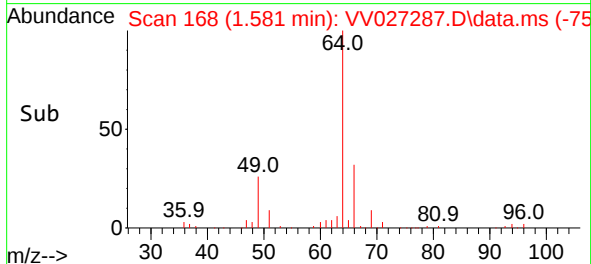
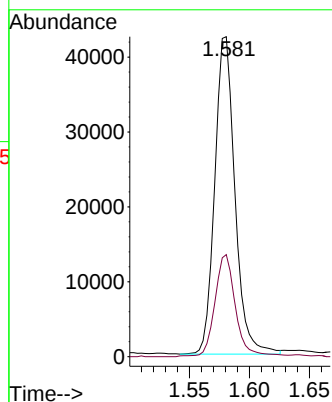
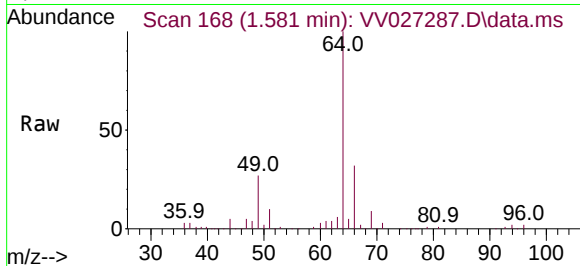




#8
Chloroethane
Concen: 4.902 ug/L
RT: 1.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV027287.D
Acq: 11 Aug 2022 18:21

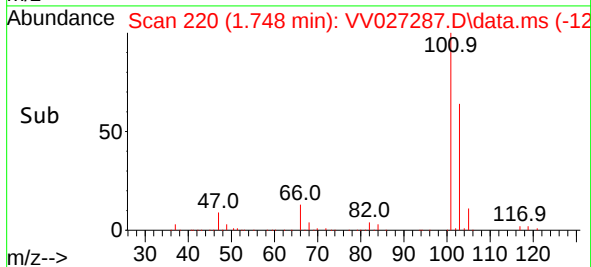
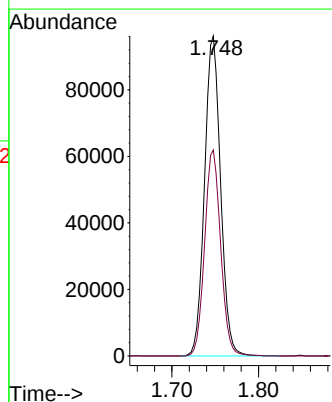
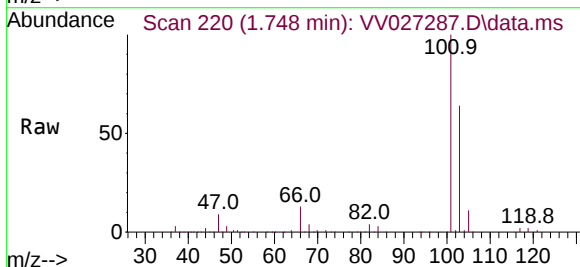
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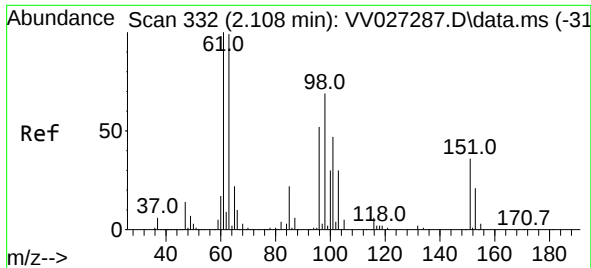
Tgt Ion: 64 Resp: 49555
Ion Ratio Lower Upper
64 100
66 31.9 22.3 41.5



#9
Trichlorofluoromethane
Concen: 5.113 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV027287.D
Acq: 11 Aug 2022 18:21

Tgt Ion:101 Resp: 124120
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0

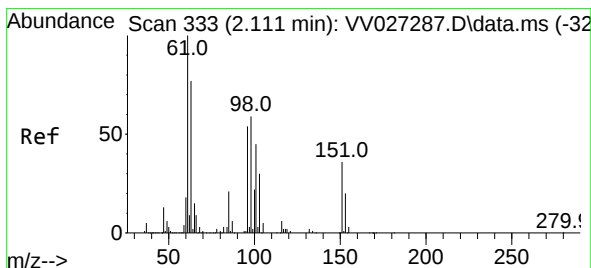
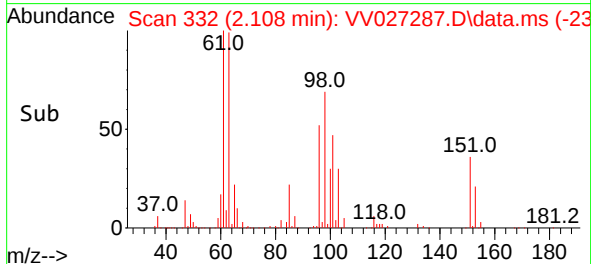
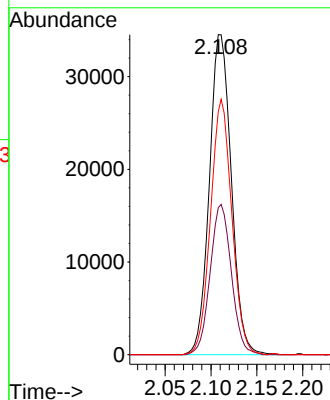
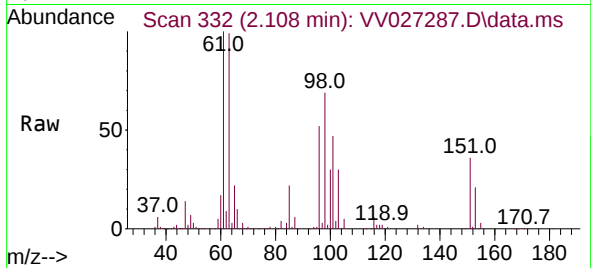




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.048 ug/L
 RT: 2.108 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV027287.D
 Acq: 11 Aug 2022 18:21

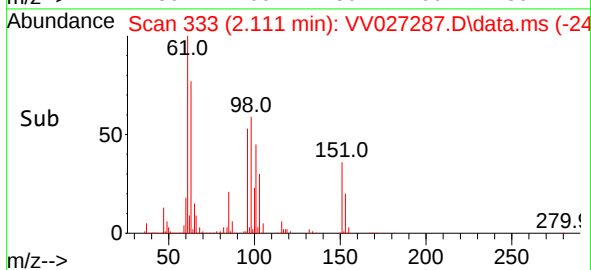
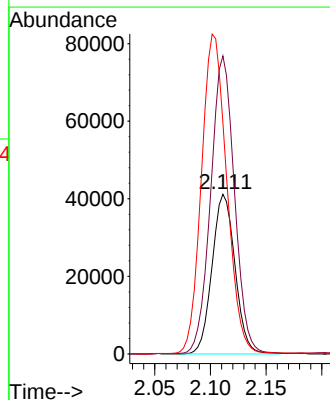
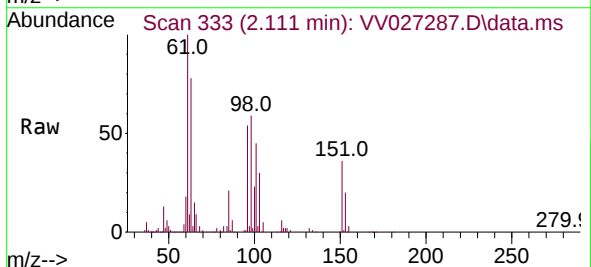
Instrument :
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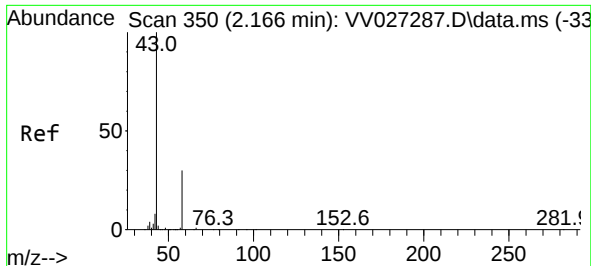
Tgt Ion:	101	Resp:	57548
Ion	Ratio	Lower	Upper
101	100		
85	45.3	36.2	54.4
151	77.5	62.0	93.0



#12
 1,1-Dichloroethene
 Concen: 4.995 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV027287.D
 Acq: 11 Aug 2022 18:21

Tgt Ion:	96	Resp:	58991
Ion	Ratio	Lower	Upper
96	100		
61	186.7	130.7	242.7
63	144.8	101.4	188.2





#13

Acetone

Concen: 31.622 ug/L

RT: 2.166 min Scan# 350

Delta R.T. 0.000 min

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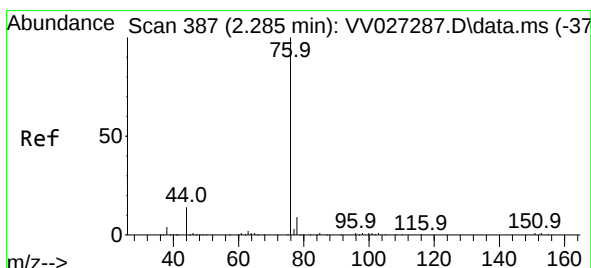
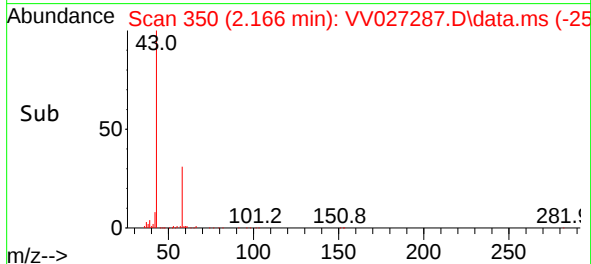
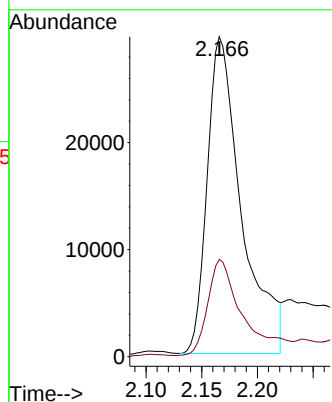
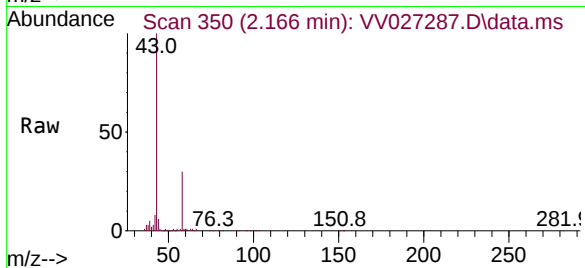
ClientSampleId :

Tgt Ion: 43 Resp: 63569

Ion Ratio Lower Upper

43 100

58 31.6 0.0 1.8#



#14

Carbon disulfide

Concen: 4.893 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.000 min

Lab File: VV027287.D

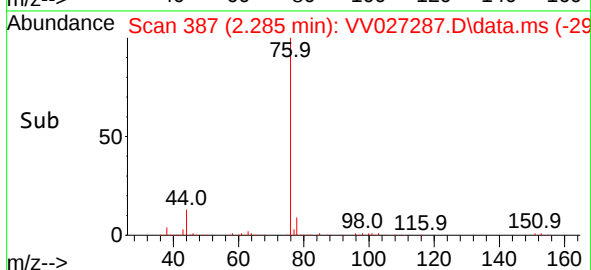
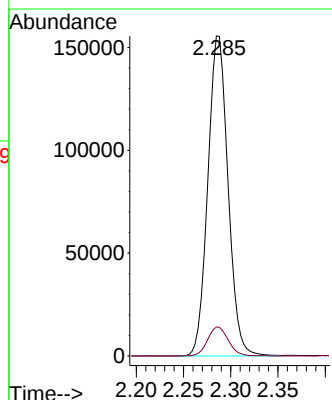
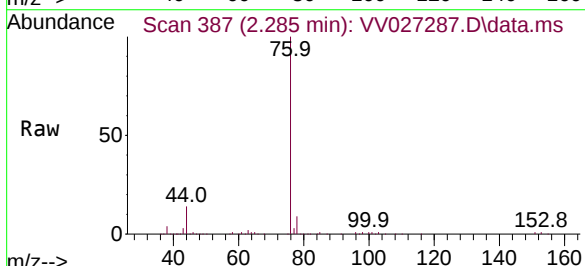
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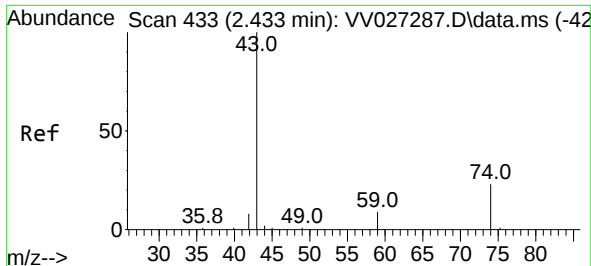
Tgt Ion: 76 Resp: 231353

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

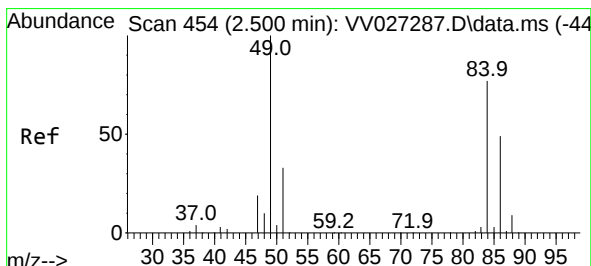
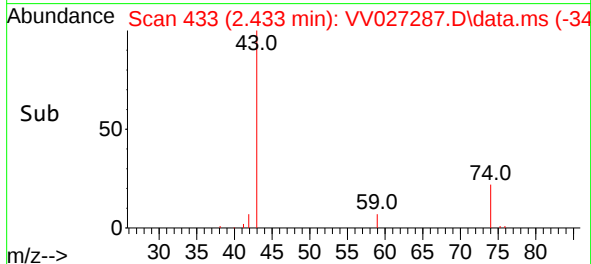
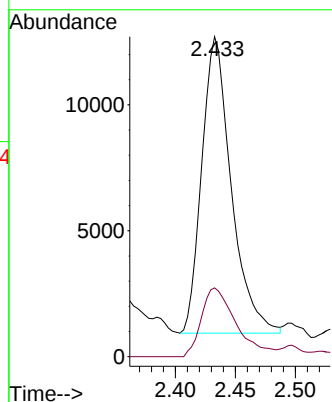
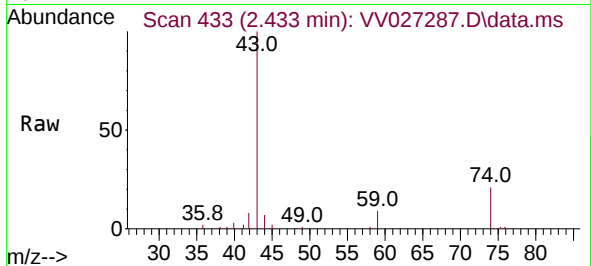




#15
Methyl Acetate
Concen: 4.644 ug/L
RT: 2.433 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV027287.D
Acq: 11 Aug 2022 18:21

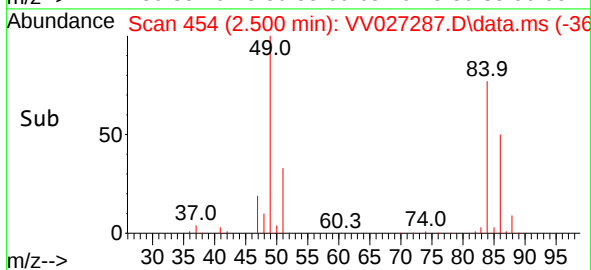
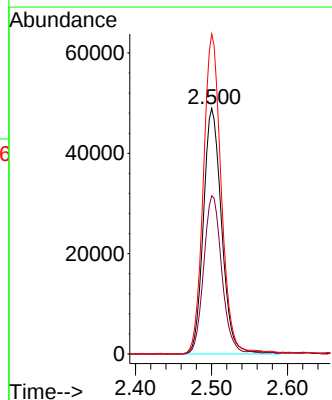
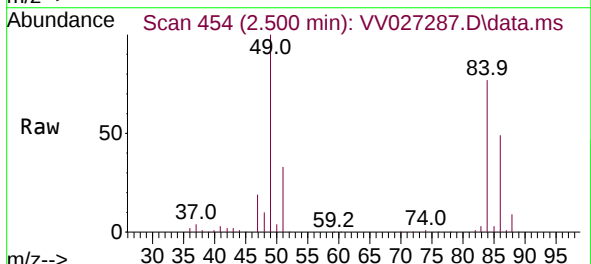
Instrument :
MSVOA_V
ClientSampleId :

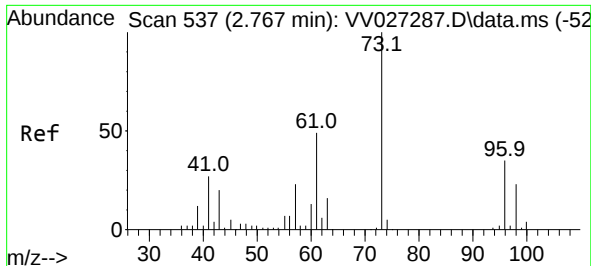
Tgt Ion: 43 Resp: 20162
Ion Ratio Lower Upper
43 100
74 27.3 21.8 32.8



#16
Methylene chloride
Concen: 4.302 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV027287.D
Acq: 11 Aug 2022 18:21

Tgt Ion: 84 Resp: 81581
Ion Ratio Lower Upper
84 100
86 64.5 45.1 83.9
49 130.3 91.2 169.4

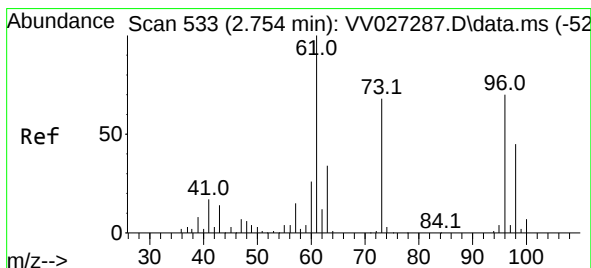
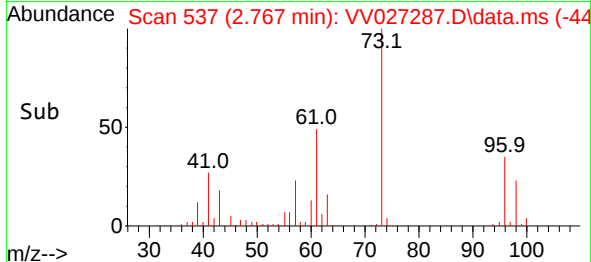
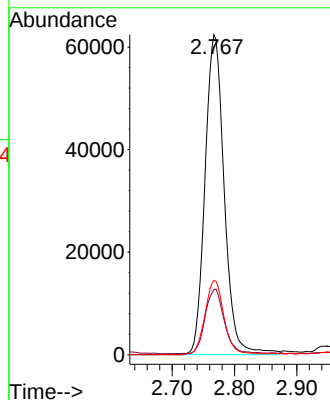
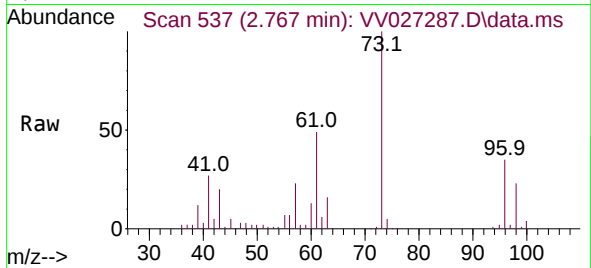




#17
Methyl tert-butyl Ether
Concen: 4.863 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV027287.D
Acq: 11 Aug 2022 18:21

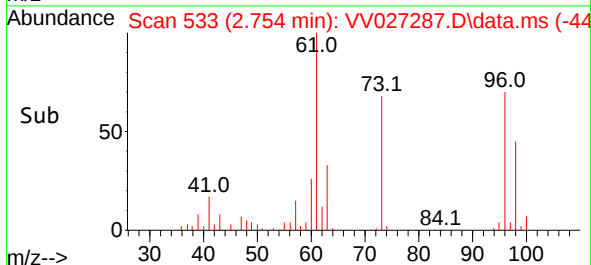
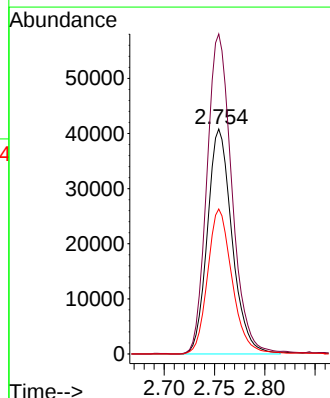
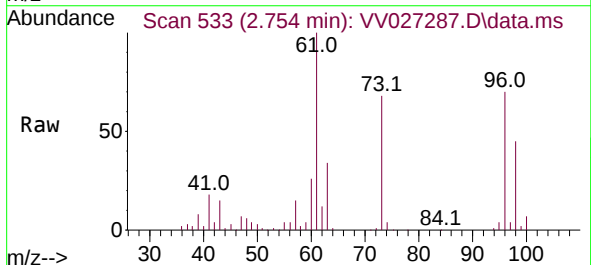
Instrument :
MSVOA_V
ClientSampleId :

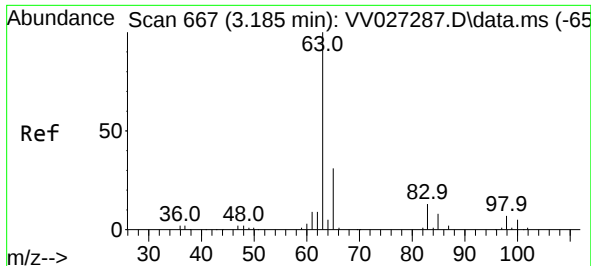
Tgt Ion: 73 Resp: 134032
Ion Ratio Lower Upper
73 100
43 19.8 15.8 23.8
57 22.9 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 4.795 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.000 min
Lab File: VV027287.D
Acq: 11 Aug 2022 18:21

Tgt Ion: 96 Resp: 69640
Ion Ratio Lower Upper
96 100
61 142.3 99.6 185.0
98 64.4 45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.913 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV027287.D

Acq: 11 Aug 2022 18:21

Instrument :

MSVOA_V

ClientSampleId :

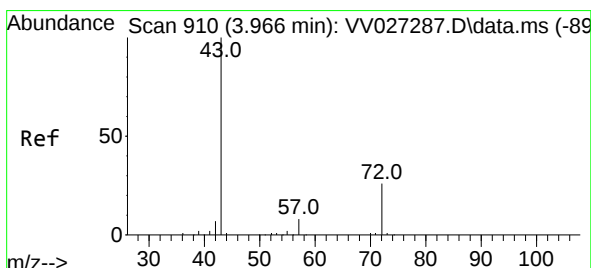
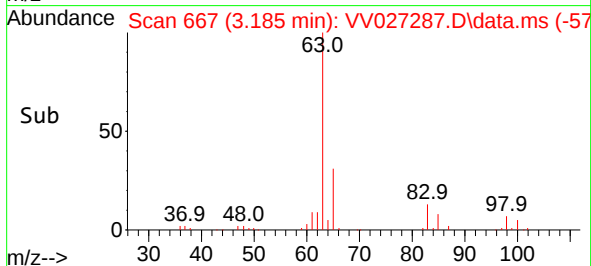
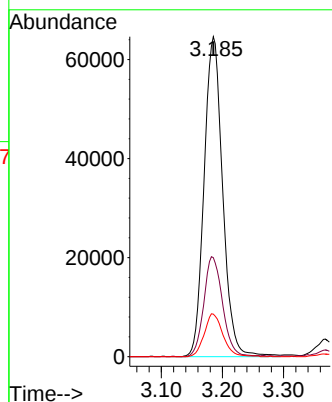
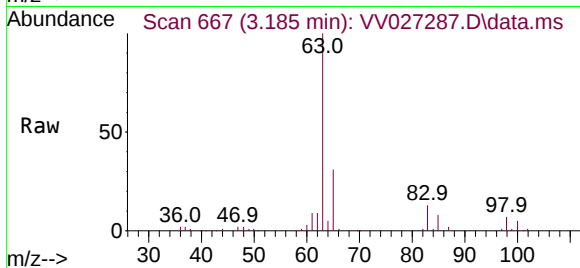
Tgt Ion: 63 Resp: 136634

Ion Ratio Lower Upper

63 100

65 30.9 21.6 40.2

83 13.3 9.3 17.3



#21

2-Butanone

Concen: 46.629 ug/L

RT: 3.966 min Scan# 910

Delta R.T. 0.000 min

Lab File: VV027287.D

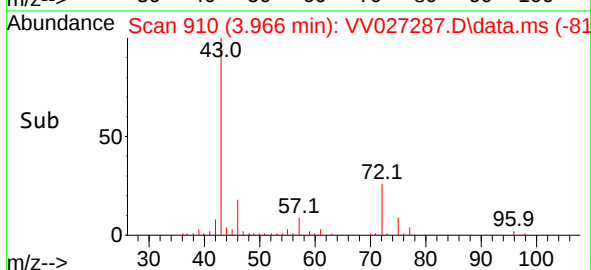
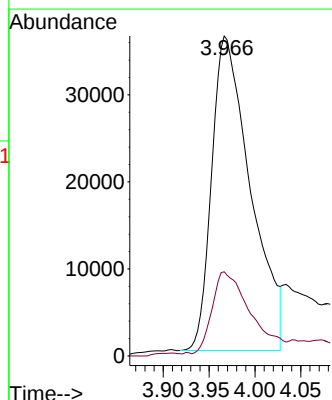
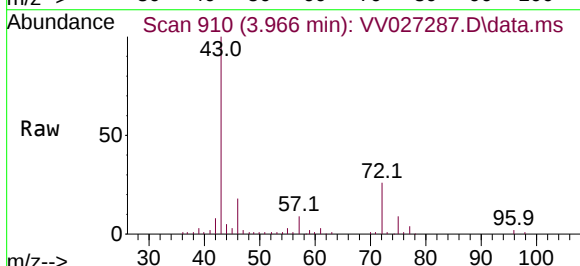
Acq: 11 Aug 2022 18:21

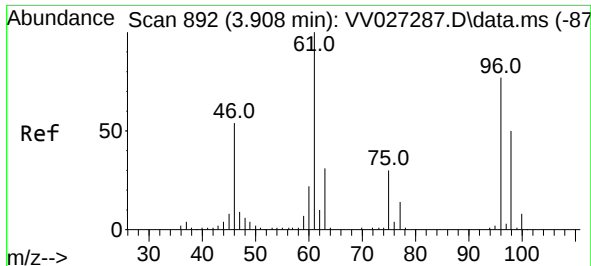
Tgt Ion: 43 Resp: 106423

Ion Ratio Lower Upper

43 100

72 25.7 12.9 38.6

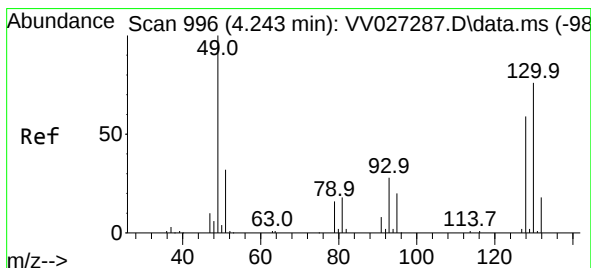
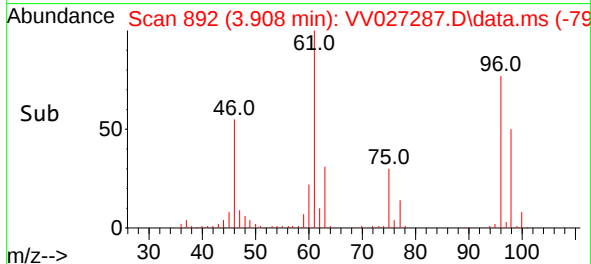
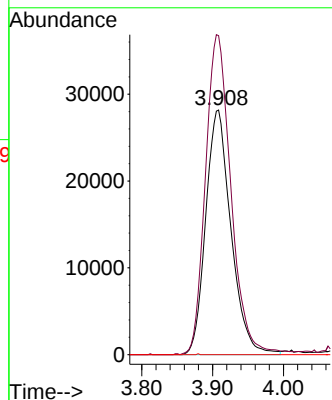
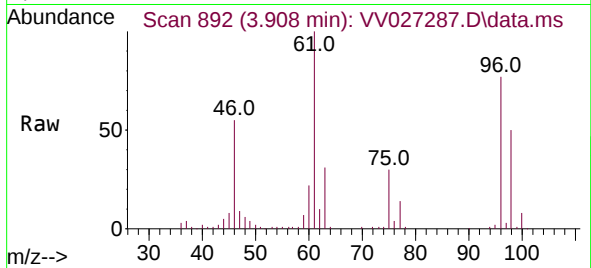




#22
 cis-1,2-Dichloroethene
 Concen: 4.886 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: VV027287.D
 Acq: 11 Aug 2022 18:21

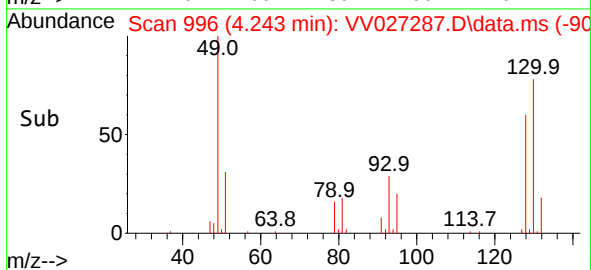
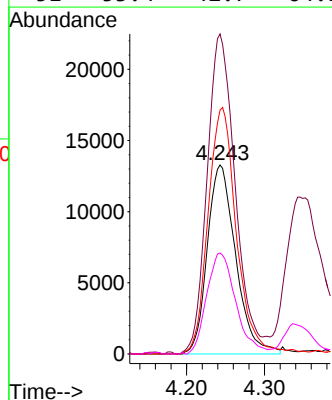
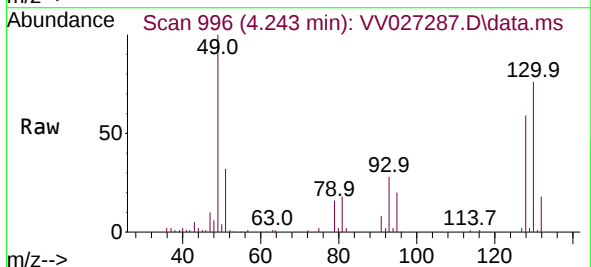
Instrument :
 MSVOA_V
 ClientSampleId :

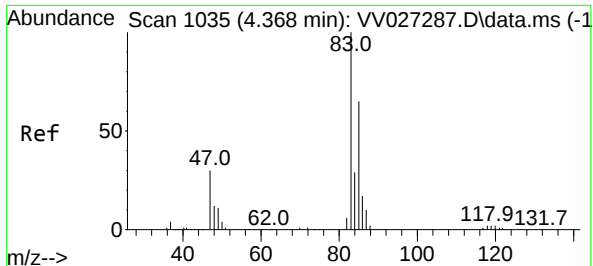
Tgt Ion: 96 Resp: 69790
 Ion Ratio Lower Upper
 96 100
 61 130.4 91.3 169.5
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.035 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VV027287.D
 Acq: 11 Aug 2022 18:21

Tgt Ion: 128 Resp: 33614
 Ion Ratio Lower Upper
 128 100
 49 169.3 118.5 220.1
 130 129.0 90.3 167.7
 51 53.4 42.7 64.1





#25

Chloroform

Concen: 4.880 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VV027287.D

Acq: 11 Aug 2022 18:21

Instrument :

MSVOA_V

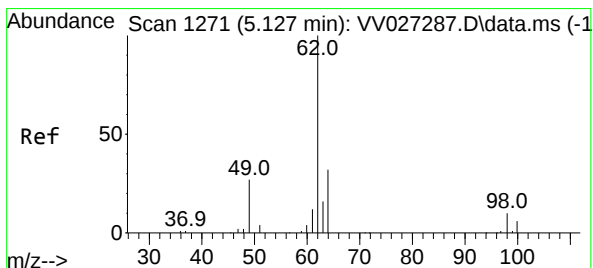
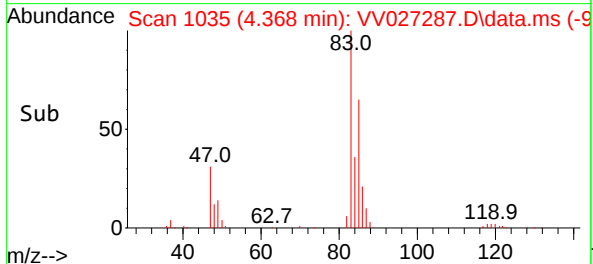
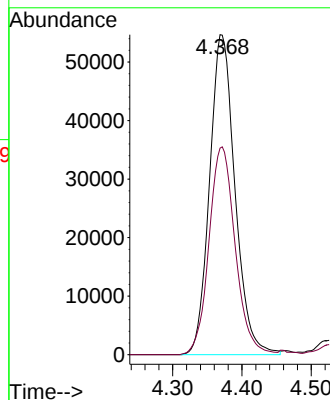
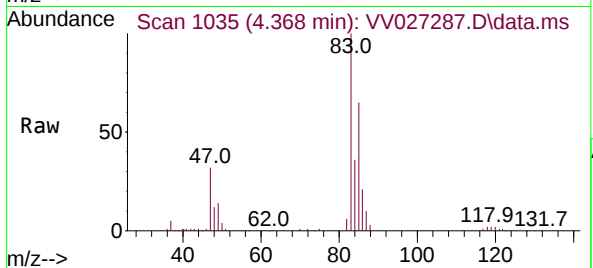
ClientSampleId :

Tgt Ion: 83 Resp: 139432

Ion Ratio Lower Upper

83 100

85 64.6 45.2 84.0



#27

1,2-Dichloroethane

Concen: 4.668 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VV027287.D

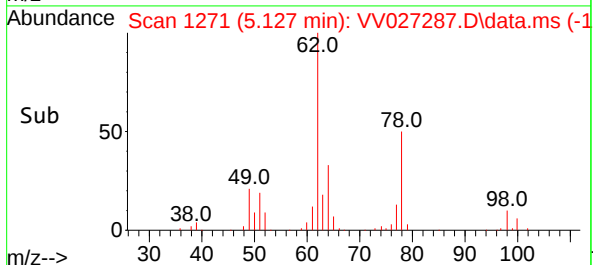
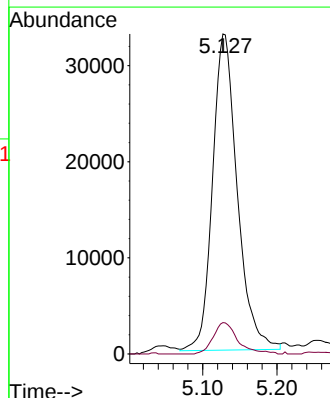
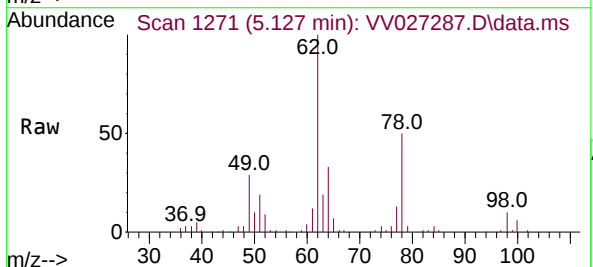
Acq: 11 Aug 2022 18:21

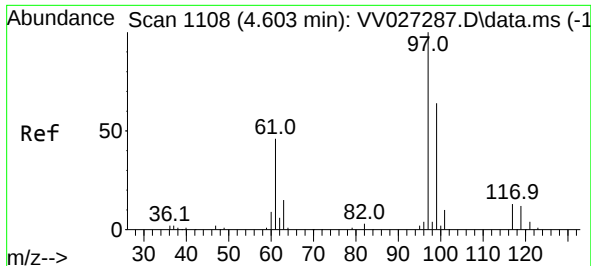
Tgt Ion: 62 Resp: 76224

Ion Ratio Lower Upper

62 100

98 9.8 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.968 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV027287.D

Acq: 11 Aug 2022 18:21

Instrument :

MSVOA_V

ClientSampleId :

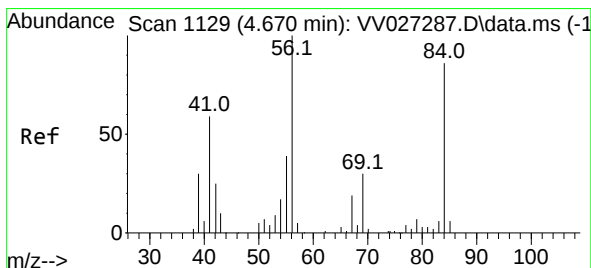
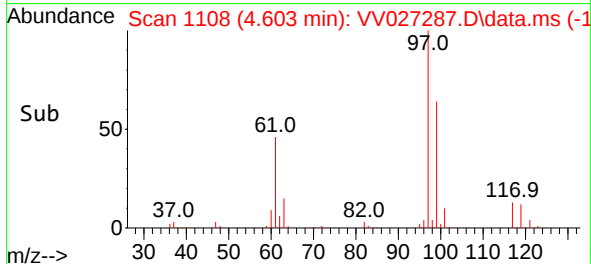
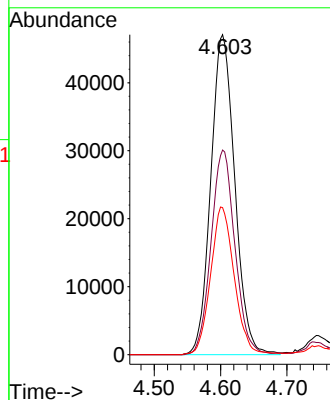
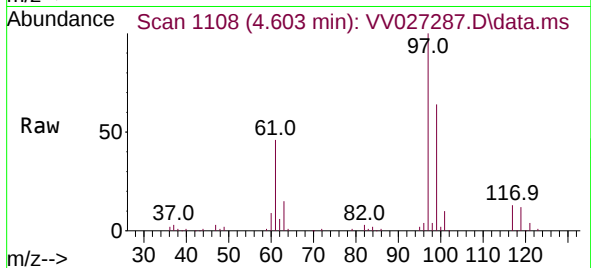
Tgt Ion: 97 Resp: 118462

Ion Ratio Lower Upper

97 100

99 63.5 50.8 76.2

61 45.6 36.5 54.7



#30

Cyclohexane

Concen: 5.073 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VV027287.D

Acq: 11 Aug 2022 18:21

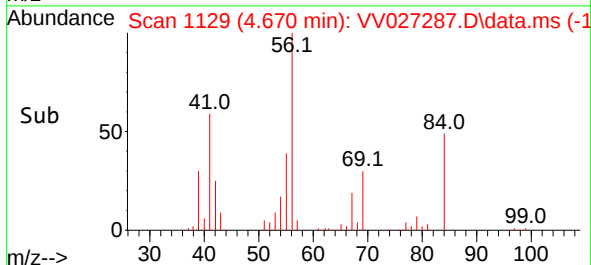
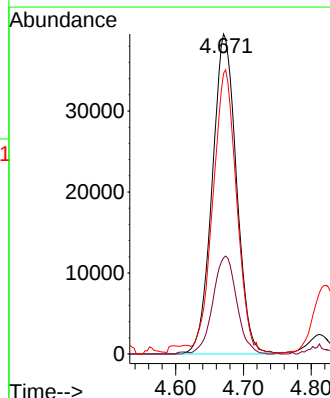
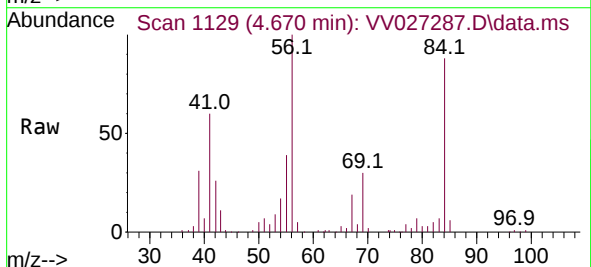
Tgt Ion: 56 Resp: 97994

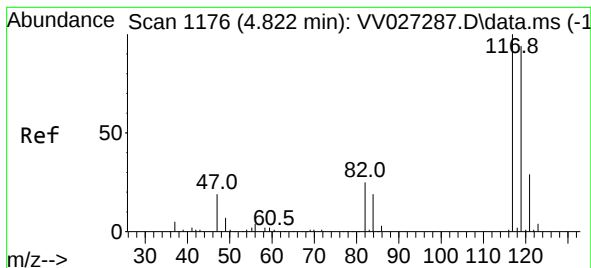
Ion Ratio Lower Upper

56 100

69 30.0 24.0 36.0

84 86.4 69.1 103.7





#31

Carbon tetrachloride

Concen: 4.986 ug/L

RT: 4.822 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VV027287.D

Acq: 11 Aug 2022 18:21

Instrument :

MSVOA_V

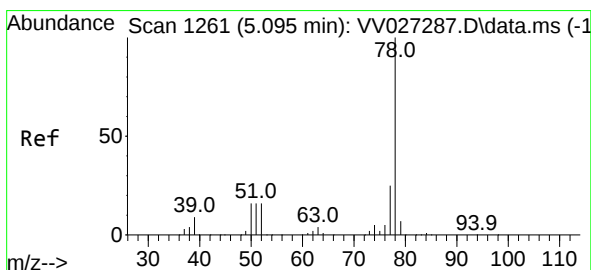
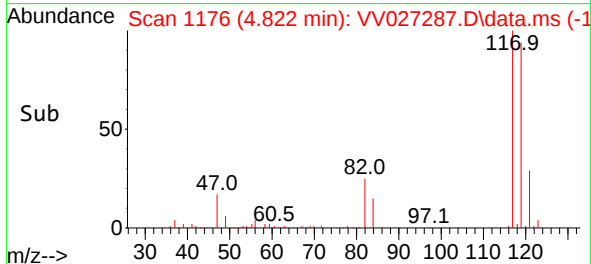
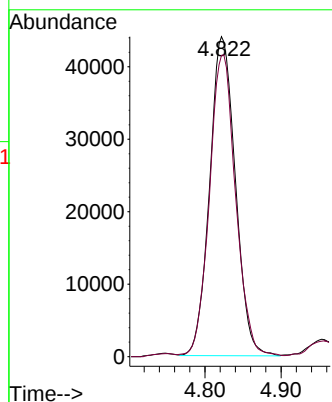
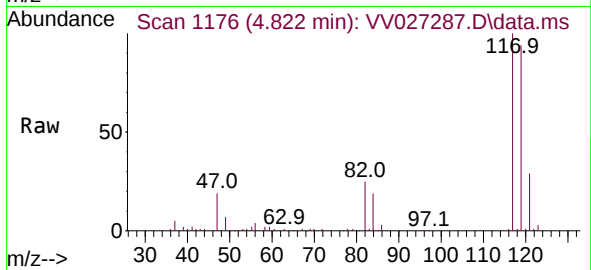
ClientSampleId :

Tgt Ion:117 Resp: 103459

Ion Ratio Lower Upper

117 100

119 95.8 76.6 115.0



#33

Benzene

Concen: 5.009 ug/L

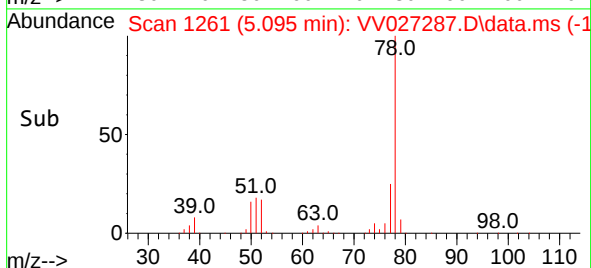
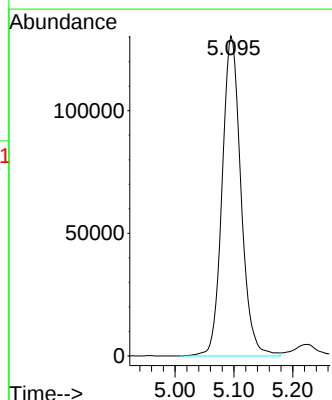
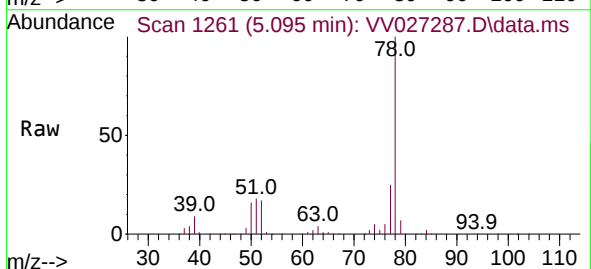
RT: 5.095 min Scan# 1261

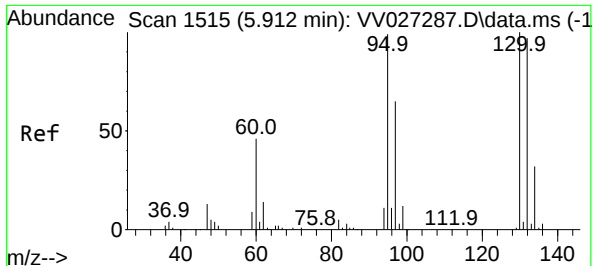
Delta R.T. 0.000 min

Lab File: VV027287.D

Acq: 11 Aug 2022 18:21

Tgt Ion: 78 Resp: 290078

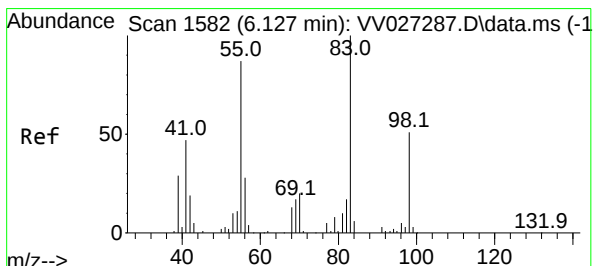
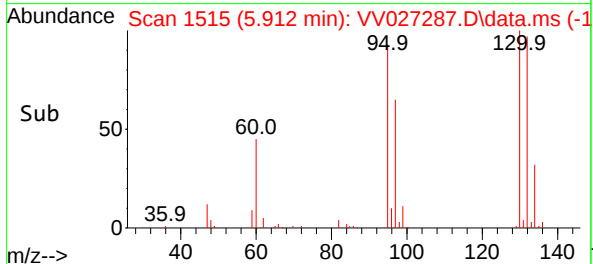
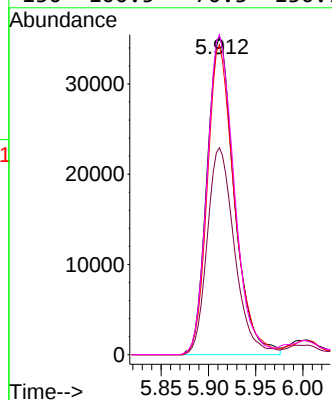
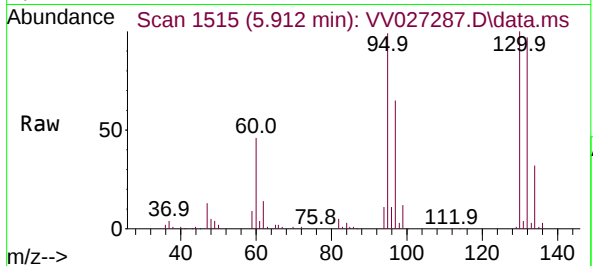




#34
Trichloroethene
Concen: 4.902 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV027287.D
Acq: 11 Aug 2022 18:21

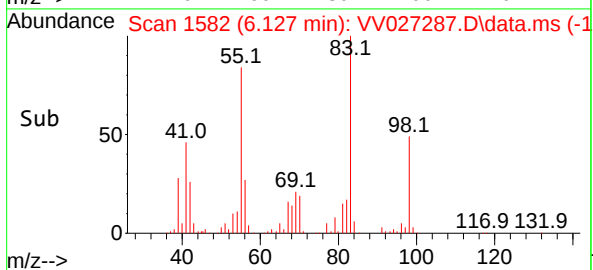
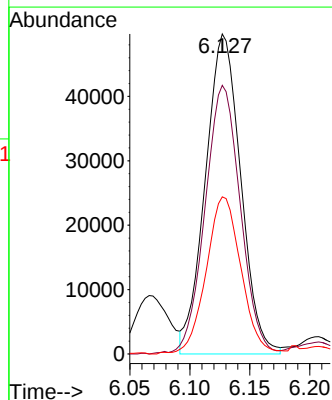
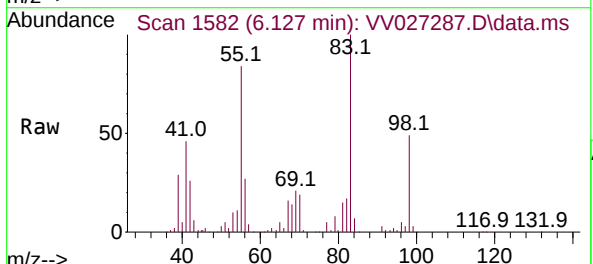
Instrument :
MSVOA_V
ClientSampleId :

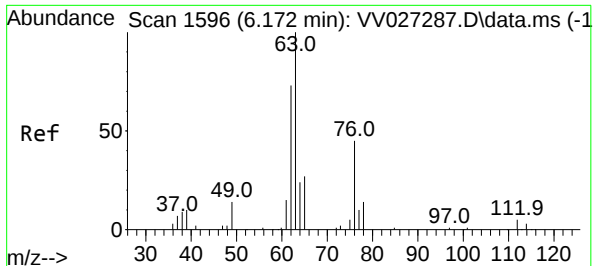
Tgt Ion: 95 Resp: 70654
Ion Ratio Lower Upper
95 100
97 65.0 45.5 84.5
132 97.4 68.2 126.6
130 100.5 70.3 130.7



#35
Methylcyclohexane
Concen: 5.132 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV027287.D
Acq: 11 Aug 2022 18:21

Tgt Ion: 83 Resp: 101854
Ion Ratio Lower Upper
83 100
55 83.8 67.0 100.6
98 48.4 38.7 58.1





#37

1,2-Dichloropropane

Concen: 5.200 ug/L

RT: 6.172 min Scan# 1596

Delta R.T. 0.000 min

Lab File: VV027287.D

Acq: 11 Aug 2022 18:21

Instrument :

MSVOA_V

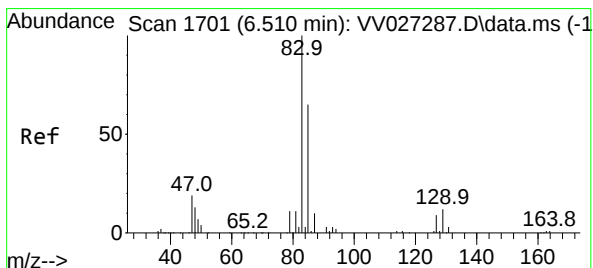
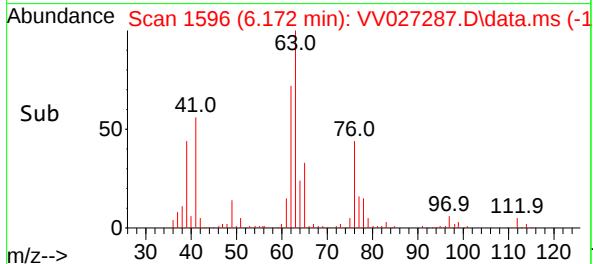
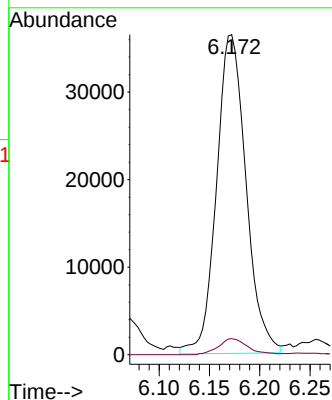
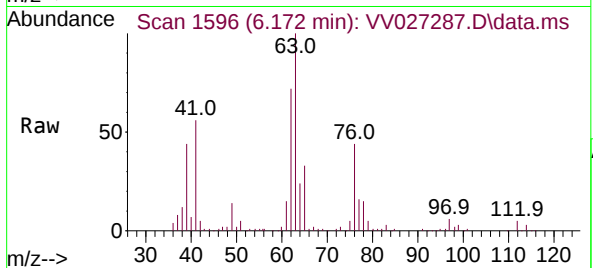
ClientSampleId :

Tgt Ion: 63 Resp: 74437

Ion Ratio Lower Upper

63 100

112 5.0 4.0 6.0



#38

Bromodichloromethane

Concen: 4.900 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV027287.D

Acq: 11 Aug 2022 18:21

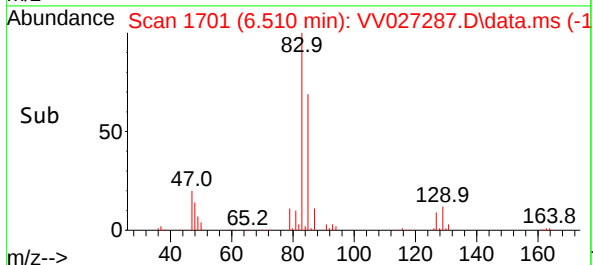
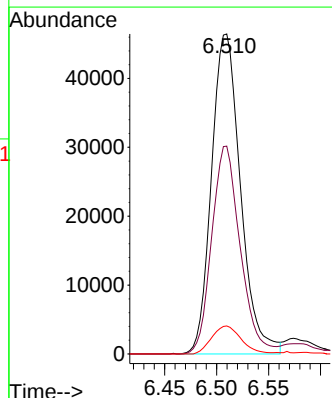
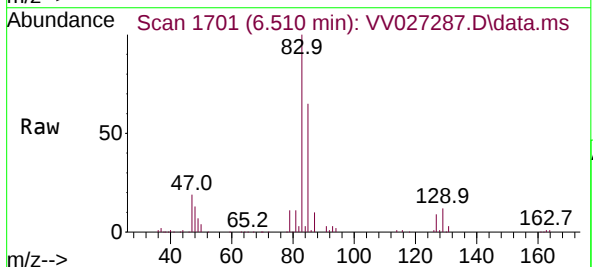
Tgt Ion: 83 Resp: 90388

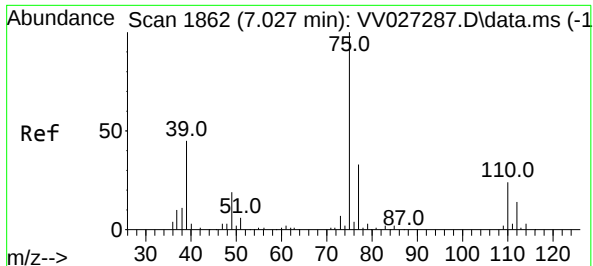
Ion Ratio Lower Upper

83 100

85 64.9 45.4 84.4

127 8.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 4.911 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV027287.D

Acq: 11 Aug 2022 18:21

Instrument :

MSVOA_V

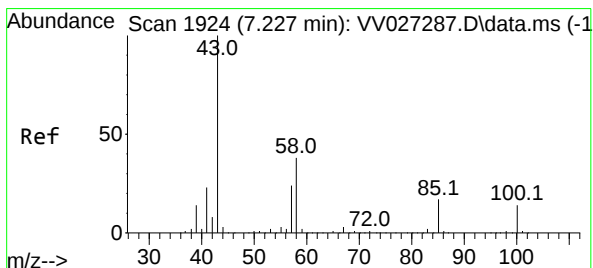
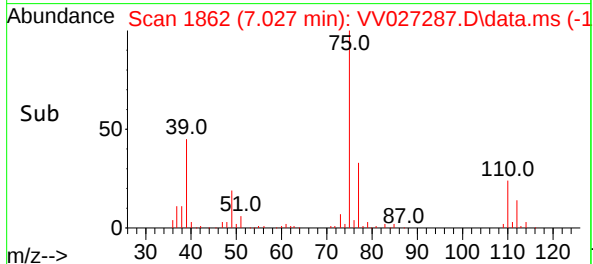
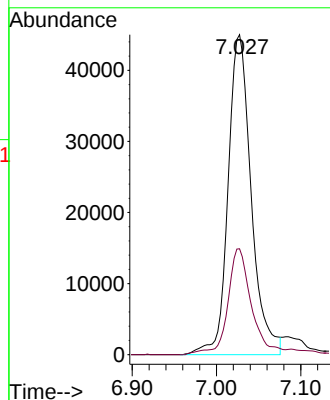
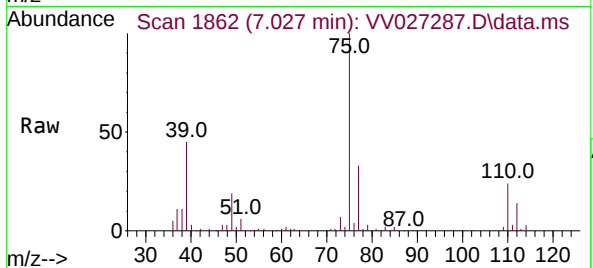
ClientSampleId :

Tgt Ion: 75 Resp: 85930

Ion Ratio Lower Upper

75 100

77 33.1 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 51.813 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV027287.D

Acq: 11 Aug 2022 18:21

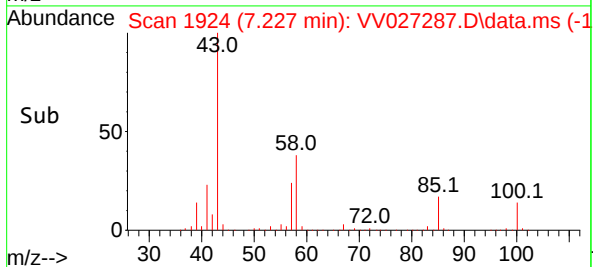
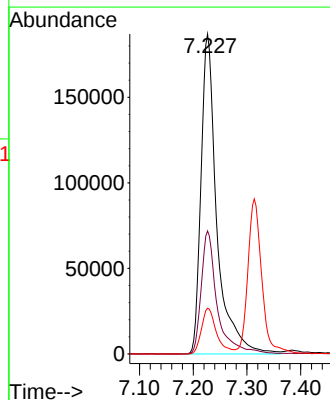
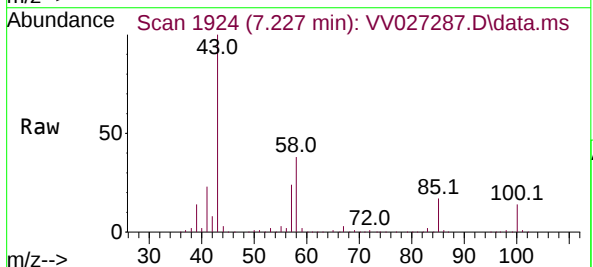
Tgt Ion: 43 Resp: 382751

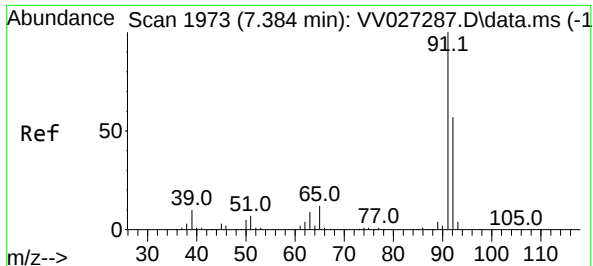
Ion Ratio Lower Upper

43 100

58 38.7 31.0 46.4

100 13.6 10.9 16.3





#42

Toluene

Concen: 5.309 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV027287.D

Acq: 11 Aug 2022 18:21

Instrument :

MSVOA_V

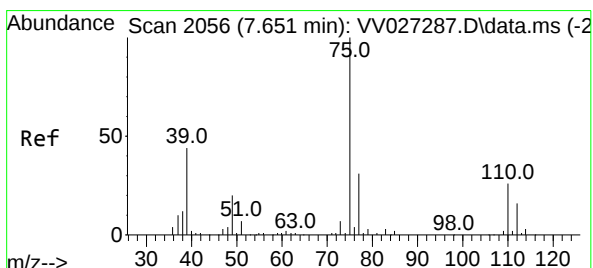
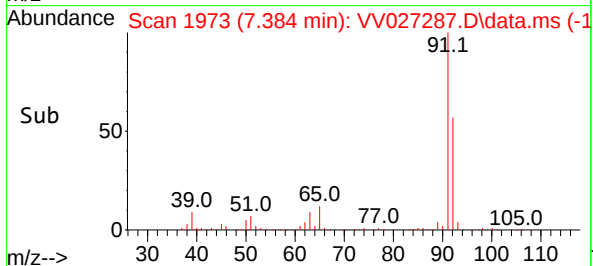
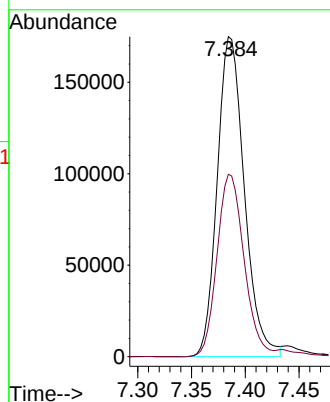
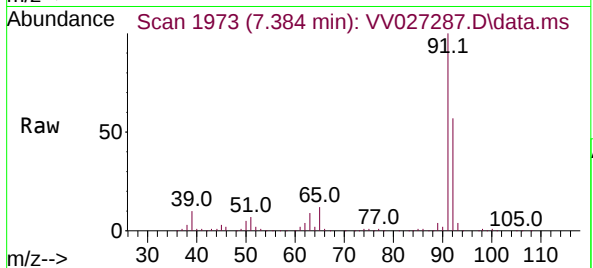
ClientSampleId :

Tgt Ion: 91 Resp: 306772

Ion Ratio Lower Upper

91 100

92 57.0 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 5.093 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV027287.D

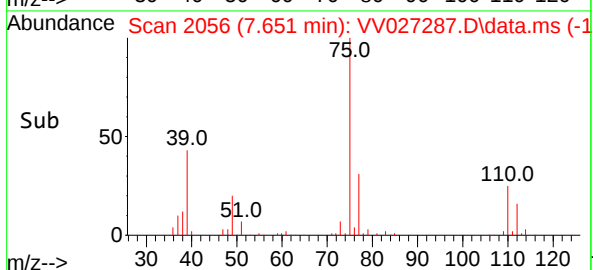
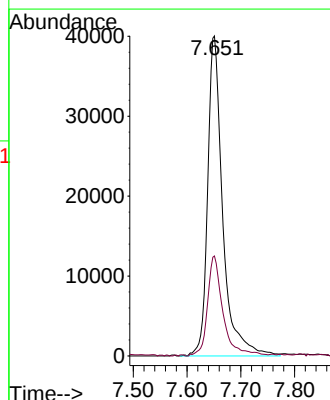
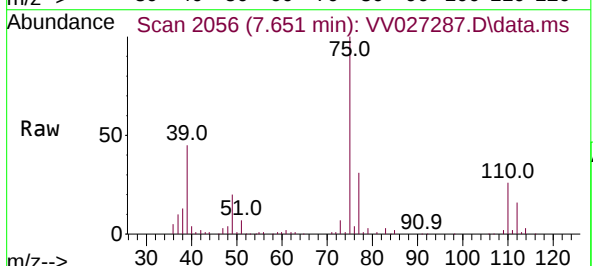
Acq: 11 Aug 2022 18:21

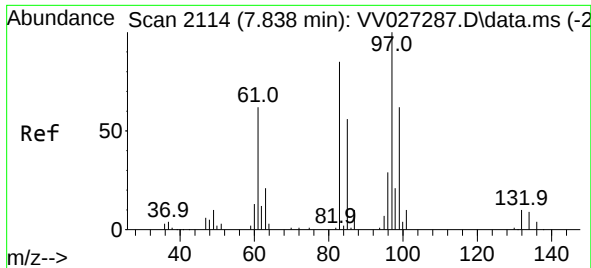
Tgt Ion: 75 Resp: 77963

Ion Ratio Lower Upper

75 100

77 31.3 21.9 40.7

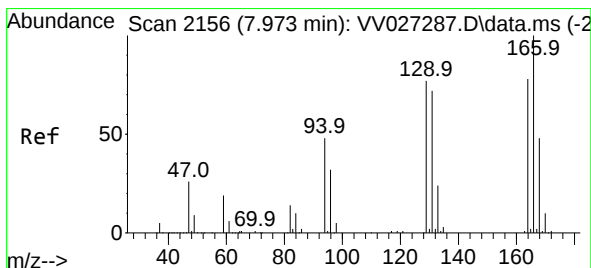
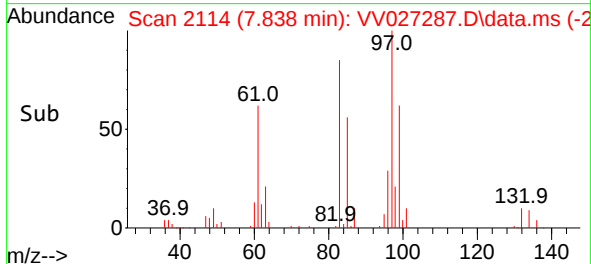
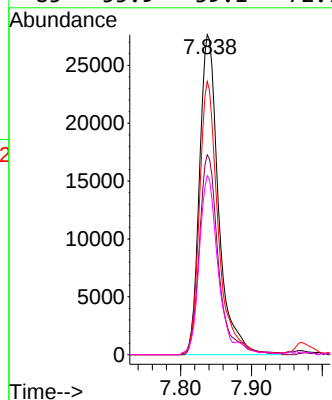
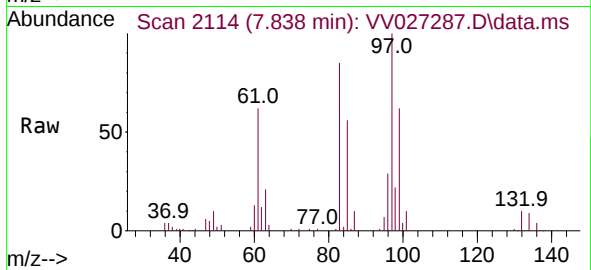




#45
1,1,2-Trichloroethane
Concen: 5.061 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV027287.D
Acq: 11 Aug 2022 18:21

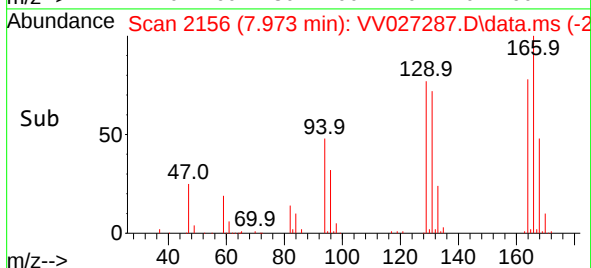
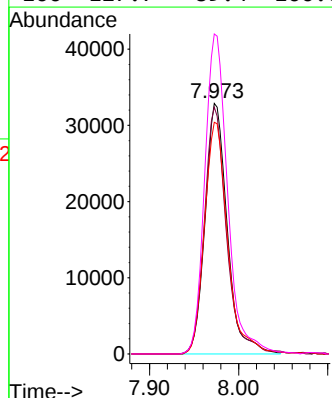
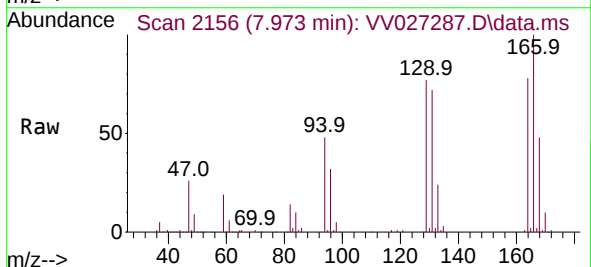
Instrument :
MSVOA_V
ClientSampleId :

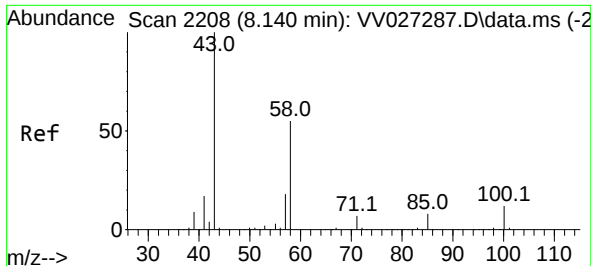
Tgt Ion:	97	Resp:	51653
Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.7	81.1
83	85.4	59.8	111.0
85	55.9	39.1	72.7



#47
Tetrachloroethene
Concen: 5.004 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV027287.D
Acq: 11 Aug 2022 18:21

Tgt Ion:	164	Resp:	56646
Ion	Ratio	Lower	Upper
164	100		
129	98.5	69.0	128.1
131	92.4	64.7	120.1
166	127.7	89.4	166.0

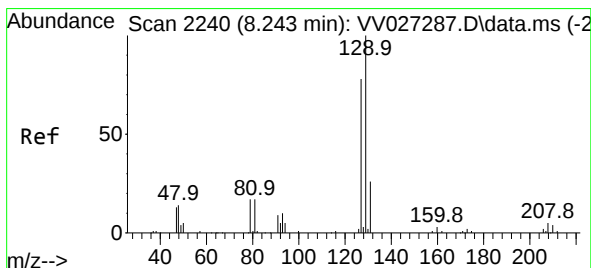
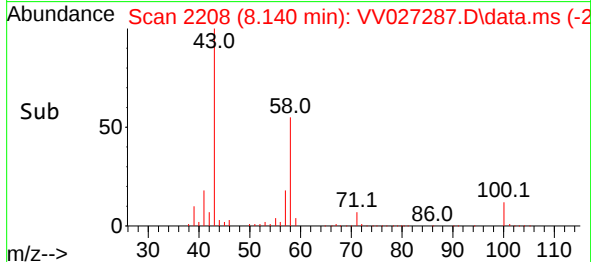
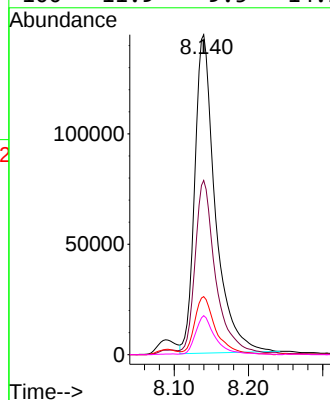
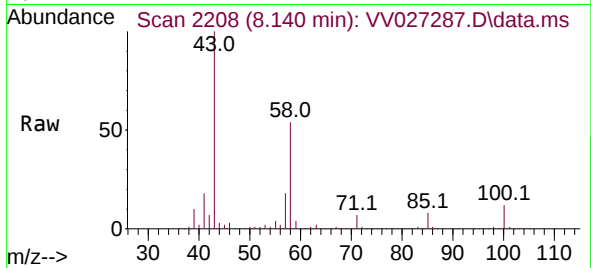




#48
2-Hexanone
Concen: 53.369 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027287.D
Acq: 11 Aug 2022 18:21

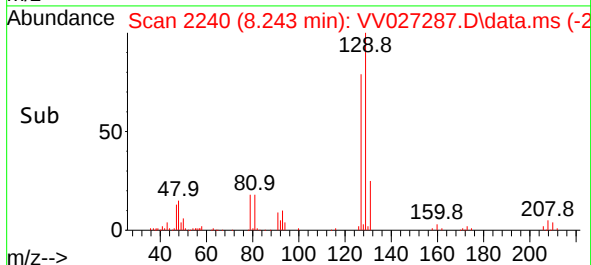
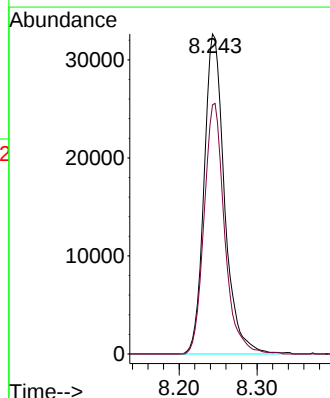
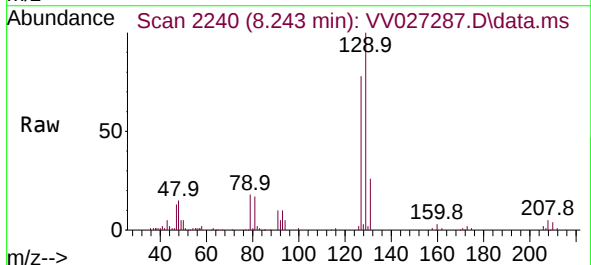
Instrument :
MSVOA_V
ClientSampleId :

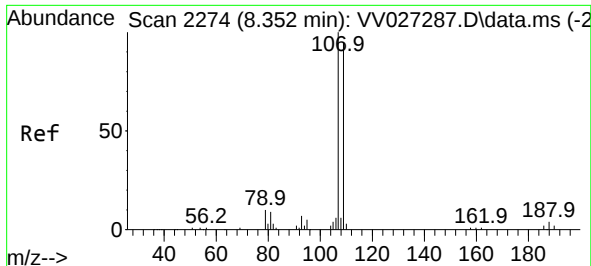
Tgt Ion: 43 Resp: 277624
Ion Ratio Lower Upper
43 100
58 53.5 42.8 64.2
57 19.0 15.2 22.8
100 11.9 9.5 14.3



#49
Dibromochloromethane
Concen: 4.977 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV027287.D
Acq: 11 Aug 2022 18:21

Tgt Ion: 129 Resp: 59456
Ion Ratio Lower Upper
129 100
127 77.9 54.5 101.3





#50

1,2-Dibromoethane

Concen: 5.070 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV027287.D

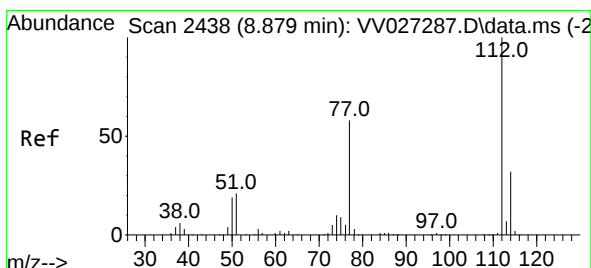
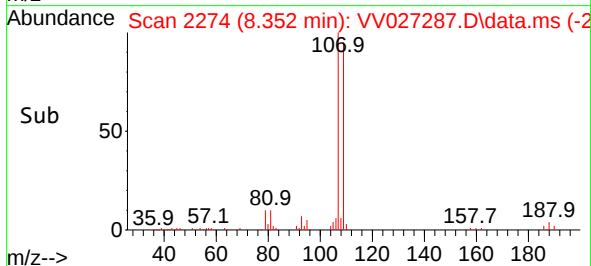
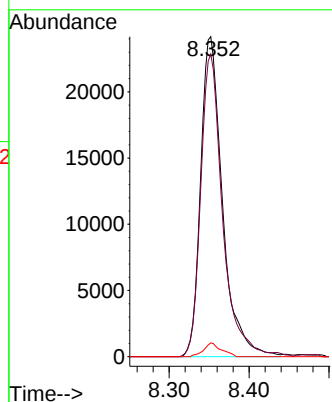
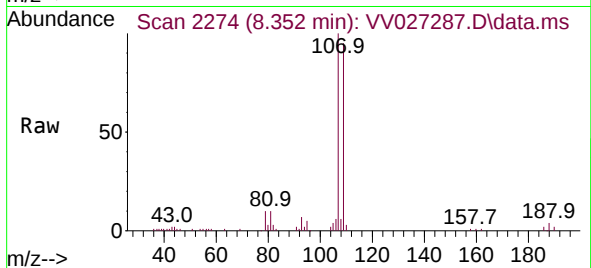
Acq: 11 Aug 2022 18:21

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	46000
Ion	Ratio	Lower	Upper
107	100		
109	94.5	66.1	122.8
188	4.3	3.4	5.2



#51

Chlorobenzene

Concen: 5.001 ug/L

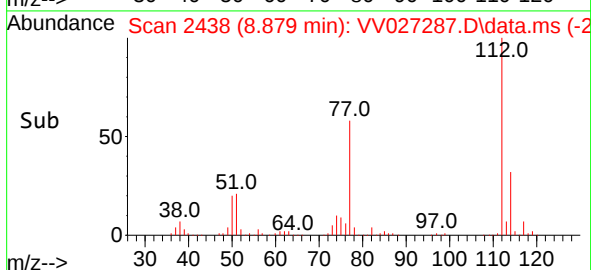
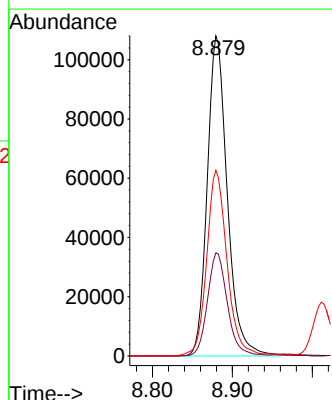
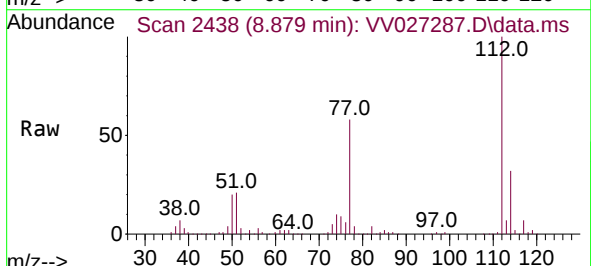
RT: 8.879 min Scan# 2438

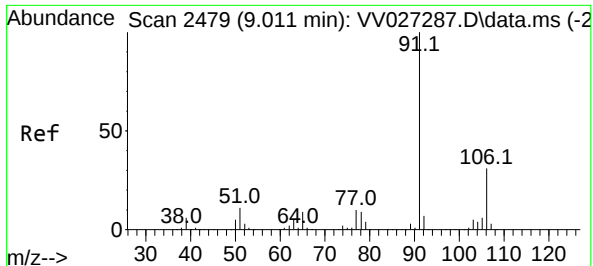
Delta R.T. 0.000 min

Lab File: VV027287.D

Acq: 11 Aug 2022 18:21

Tgt Ion:	112	Resp:	188226
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.5	41.9
77	58.0	46.4	69.6





#52

Ethylbenzene

Concen: 5.122 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV027287.D

Acq: 11 Aug 2022 18:21

Instrument :

MSVOA_V

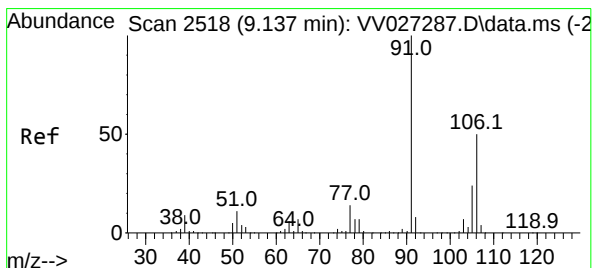
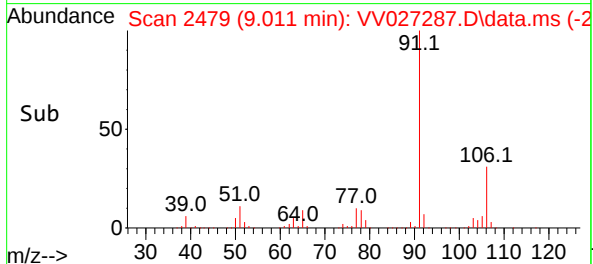
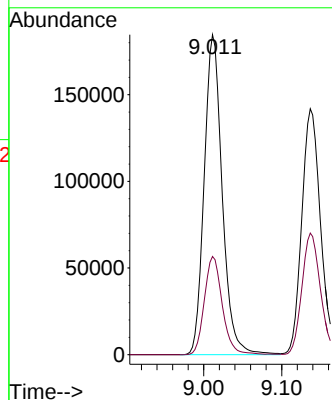
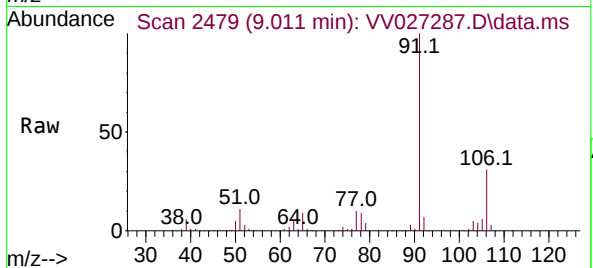
ClientSampleId :

Tgt Ion: 91 Resp: 297375

Ion Ratio Lower Upper

91 100

106 30.7 21.5 39.9



#53

m,p-Xylene

Concen: 5.259 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV027287.D

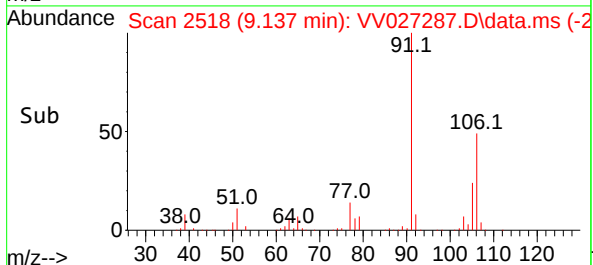
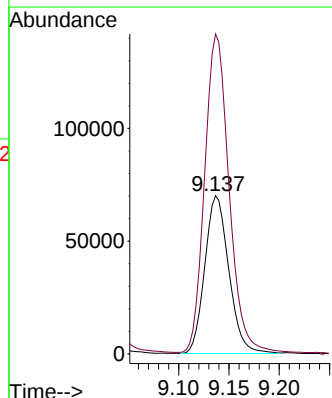
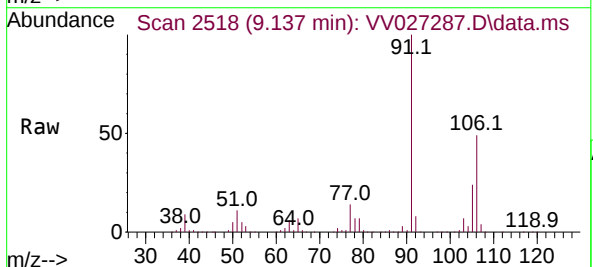
Acq: 11 Aug 2022 18:21

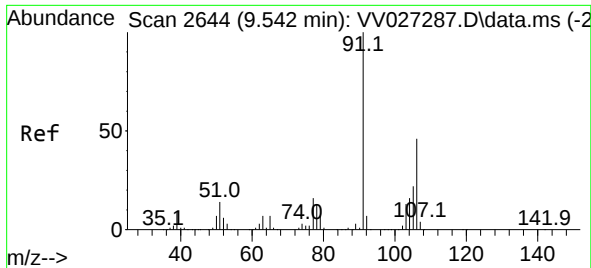
Tgt Ion: 106 Resp: 116443

Ion Ratio Lower Upper

106 100

91 202.2 141.5 262.9

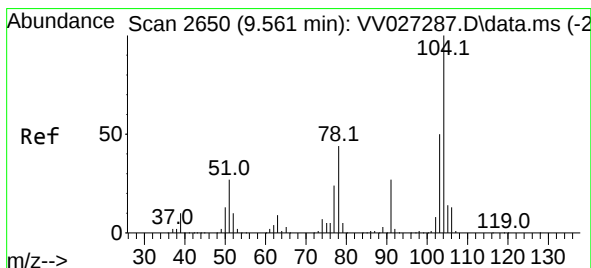
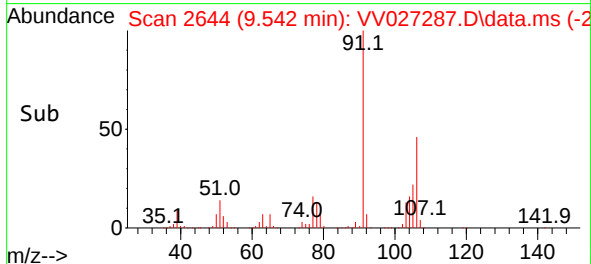
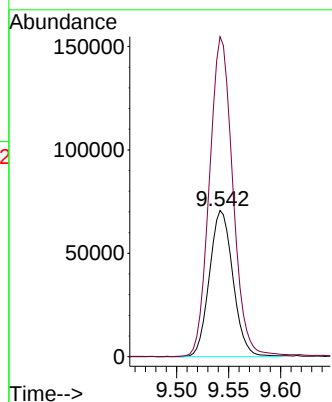
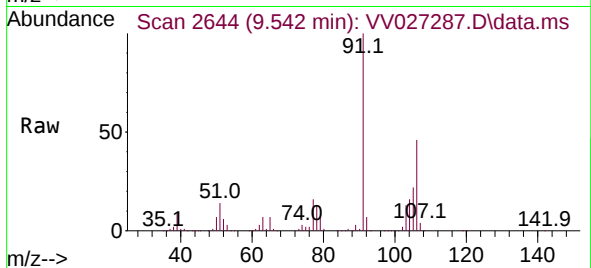




#54
o-Xylene
Concen: 5.144 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027287.D
Acq: 11 Aug 2022 18:21

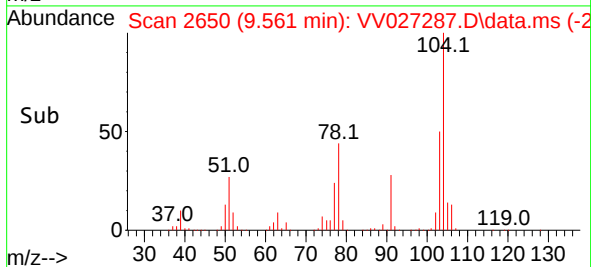
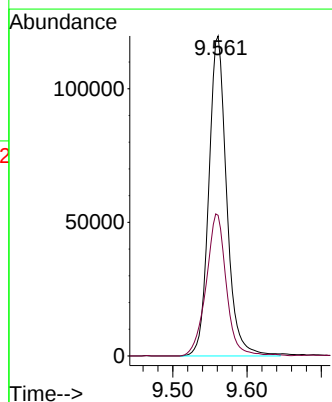
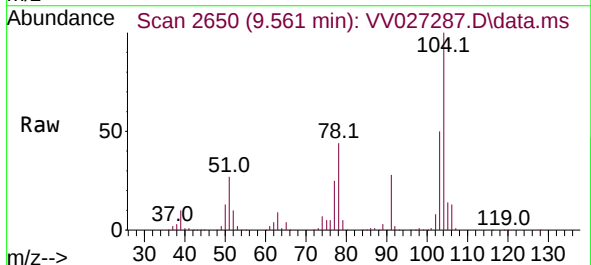
Instrument :
MSVOA_V
ClientSampleId :

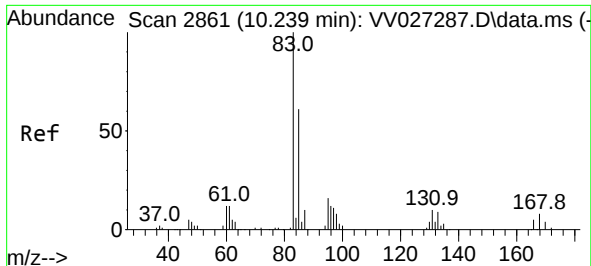
Tgt Ion:106 Resp: 111395
Ion Ratio Lower Upper
106 100
91 218.8 153.2 284.4



#55
Styrene
Concen: 5.370 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV027287.D
Acq: 11 Aug 2022 18:21

Tgt Ion:104 Resp: 199971
Ion Ratio Lower Upper
104 100
78 43.9 30.7 57.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.114 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV027287.D

Acq: 11 Aug 2022 18:21

Instrument :

MSVOA_V

ClientSampleId :

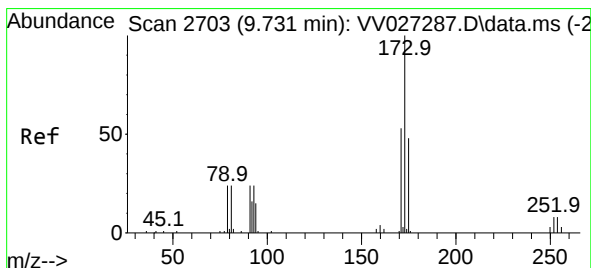
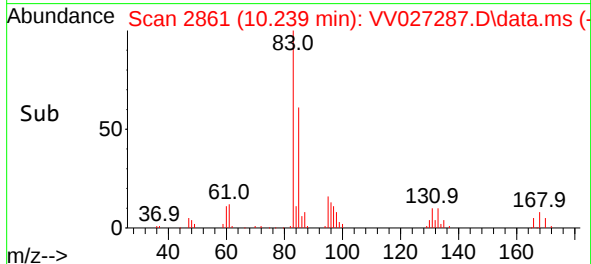
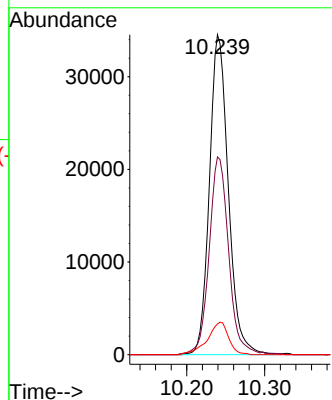
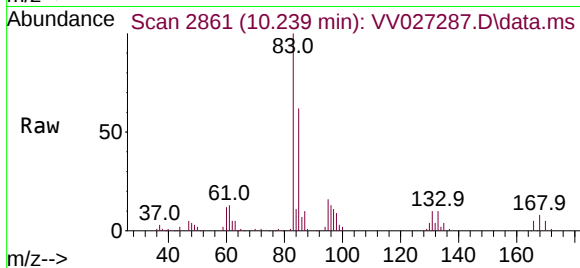
Tgt Ion: 83 Resp: 58174

Ion Ratio Lower Upper

83 100

85 61.8 43.3 80.3

131 9.6 7.7 11.5



#59

Bromoform

Concen: 4.809 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.000 min

Lab File: VV027287.D

Acq: 11 Aug 2022 18:21

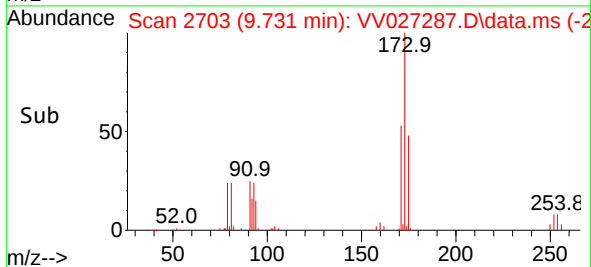
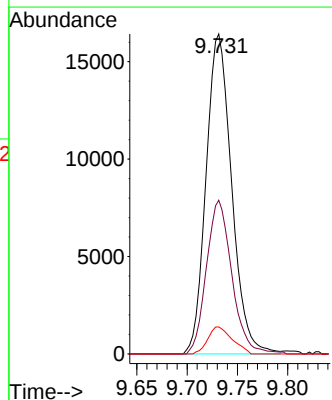
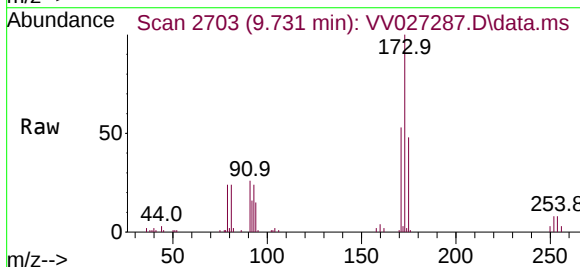
Tgt Ion: 173 Resp: 29077

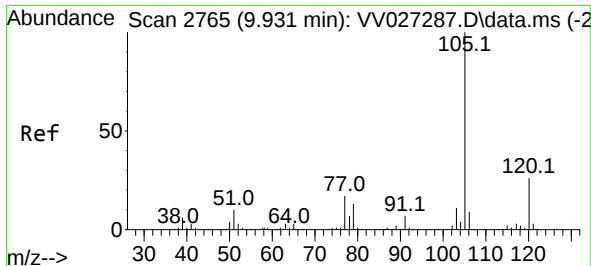
Ion Ratio Lower Upper

173 100

175 47.7 38.2 57.2

254 8.1 6.5 9.7

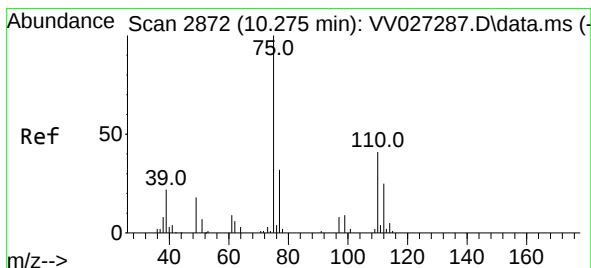
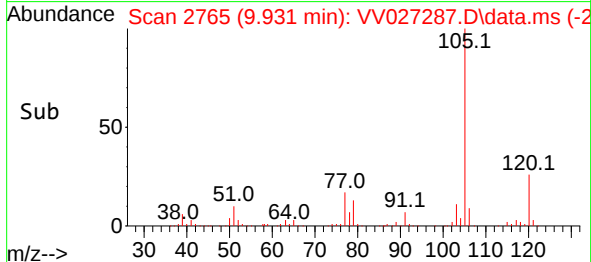
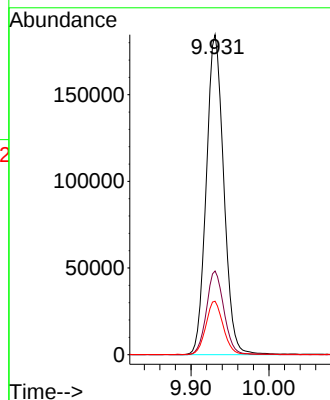
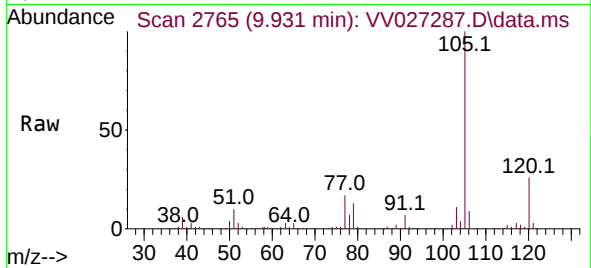




#60
Isopropylbenzene
Concen: 5.087 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027287.D
Acq: 11 Aug 2022 18:21

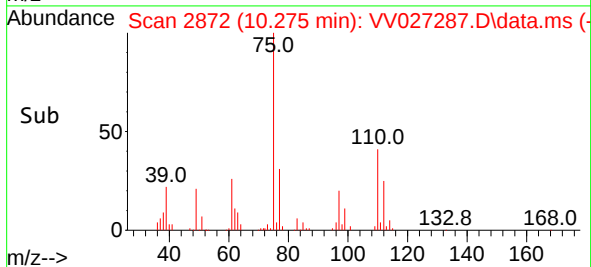
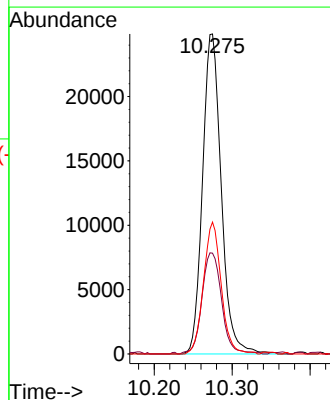
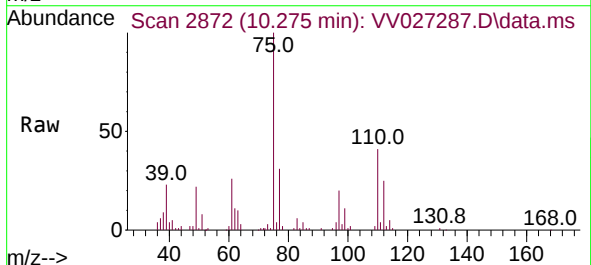
Instrument :
MSVOA_V
ClientSampleId :

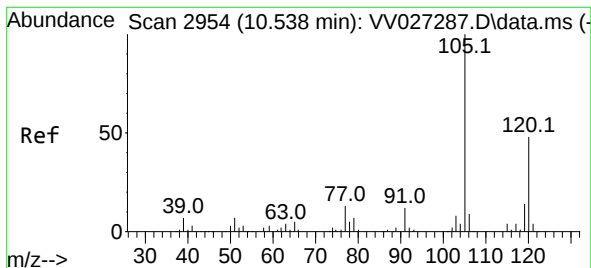
Tgt Ion:105 Resp: 287282
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.4
77 16.5 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 4.799 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV027287.D
Acq: 11 Aug 2022 18:21

Tgt Ion: 75 Resp: 41442
Ion Ratio Lower Upper
75 100
77 33.2 26.6 39.8
110 38.8 31.0 46.6





#62

1,3,5-Trimethylbenzene

Concen: 4.784 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV027287.D

Acq: 11 Aug 2022 18:21

Instrument :

MSVOA_V

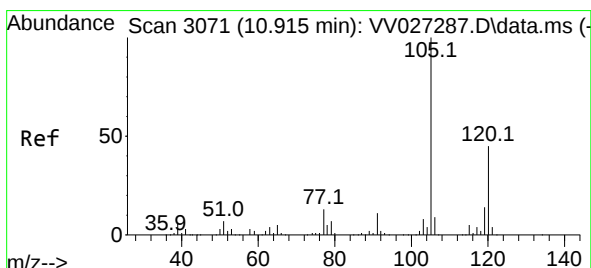
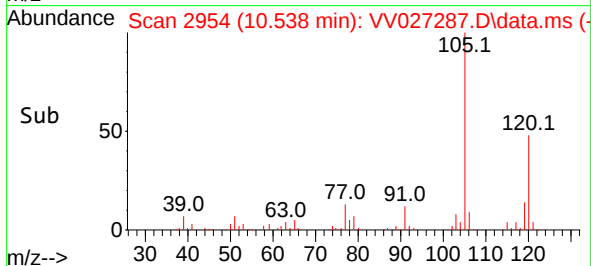
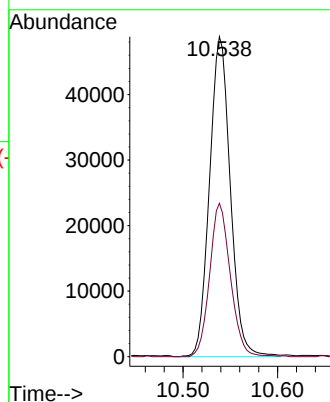
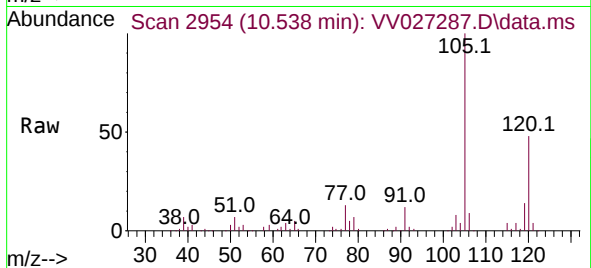
ClientSampleId :

Tgt Ion:105 Resp: 74667

Ion Ratio Lower Upper

105 100

120 47.8 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 4.854 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV027287.D

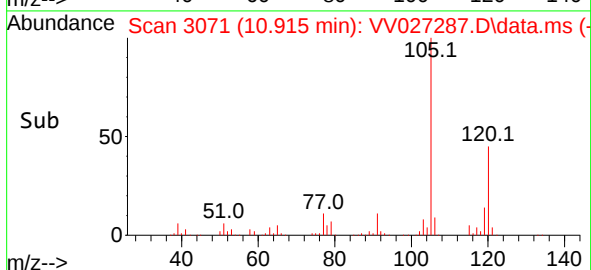
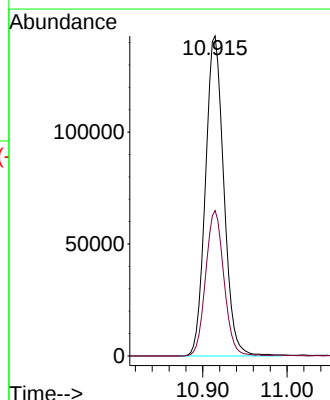
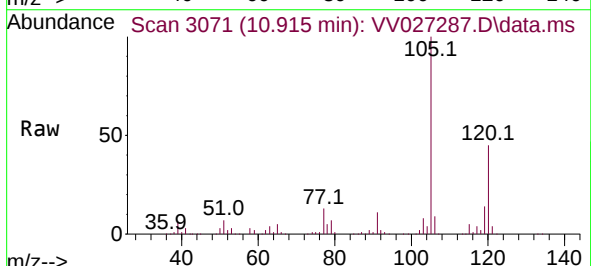
Acq: 11 Aug 2022 18:21

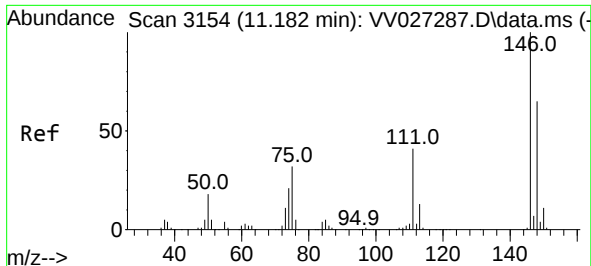
Tgt Ion:105 Resp: 217205

Ion Ratio Lower Upper

105 100

120 45.2 36.2 54.2

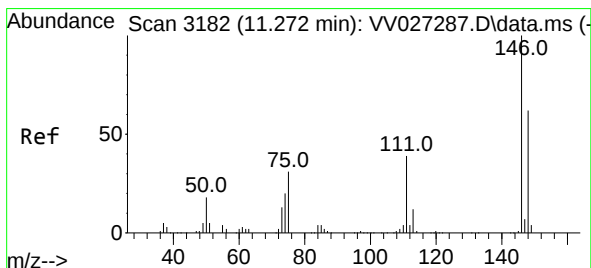
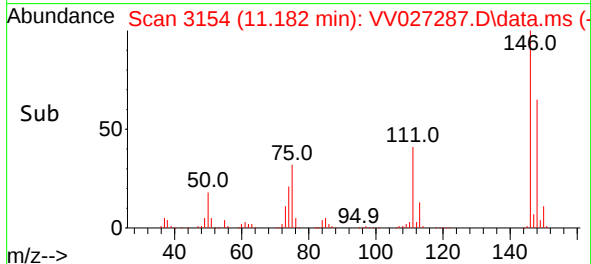
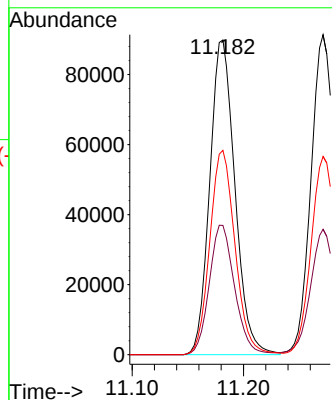
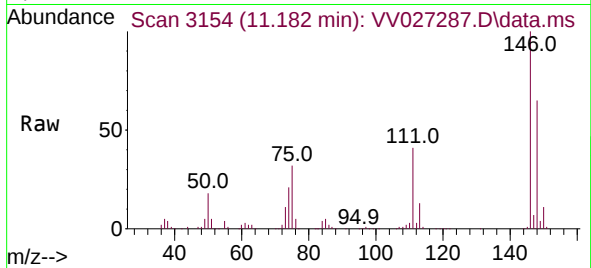




#64
 1,3-Dichlorobenzene
 Concen: 5.001 ug/L
 RT: 11.182 min Scan# 3154
 Delta R.T. 0.000 min
 Lab File: VV027287.D
 Acq: 11 Aug 2022 18:21

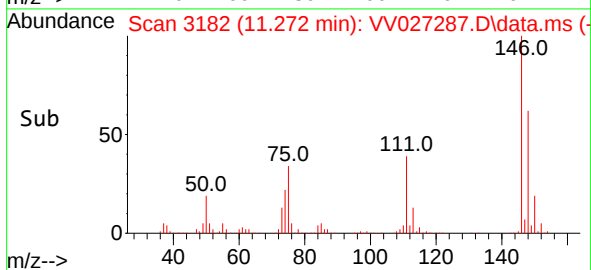
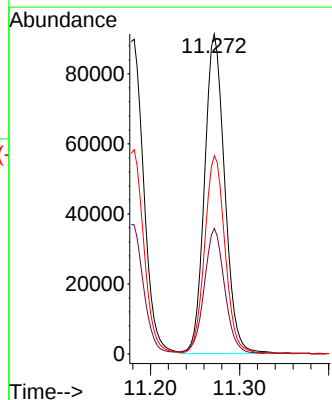
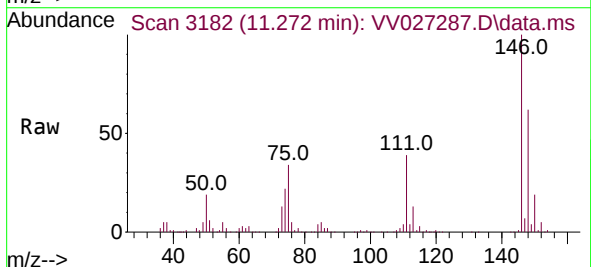
Instrument :
 MSVOA_V
 ClientSampleId :

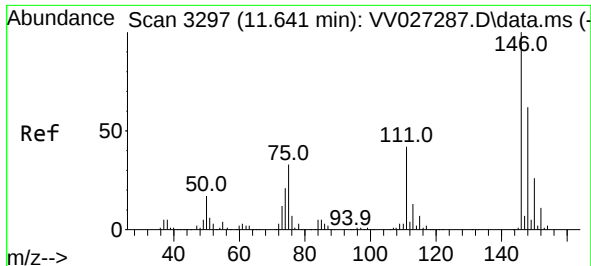
Tgt Ion:146 Resp: 141123
 Ion Ratio Lower Upper
 146 100
 111 41.1 28.8 53.4
 148 64.9 45.4 84.4



#65
 1,4-Dichlorobenzene
 Concen: 5.044 ug/L
 RT: 11.272 min Scan# 3182
 Delta R.T. 0.000 min
 Lab File: VV027287.D
 Acq: 11 Aug 2022 18:21

Tgt Ion:146 Resp: 143232
 Ion Ratio Lower Upper
 146 100
 111 39.2 27.4 51.0
 148 61.9 43.3 80.5





#67

1,2-Dichlorobenzene

Concen: 5.050 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV027287.D

Acq: 11 Aug 2022 18:21

Instrument :

MSVOA_V

ClientSampleId :

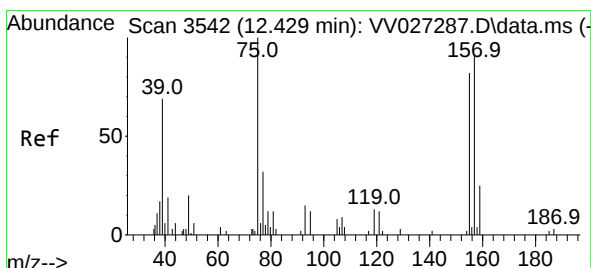
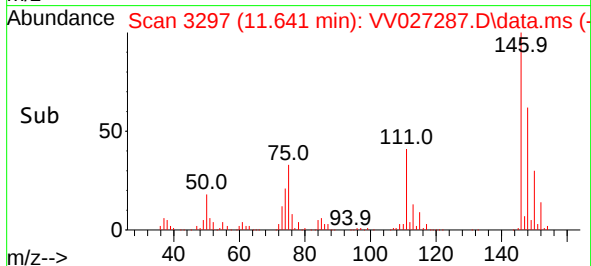
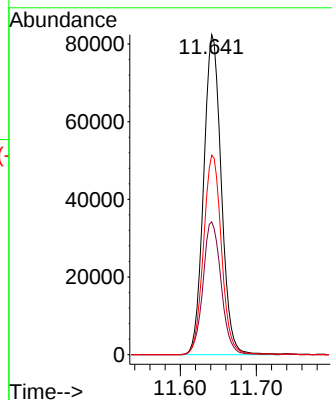
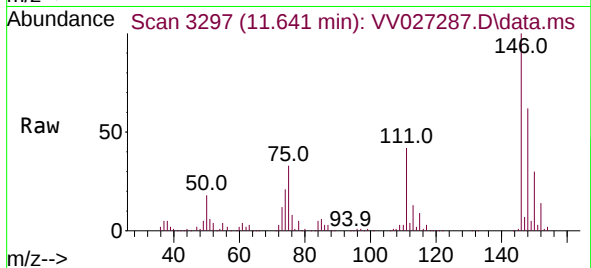
Tgt Ion:146 Resp: 132706

Ion Ratio Lower Upper

146 100

111 41.5 33.2 49.8

148 62.4 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.676 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.000 min

Lab File: VV027287.D

Acq: 11 Aug 2022 18:21

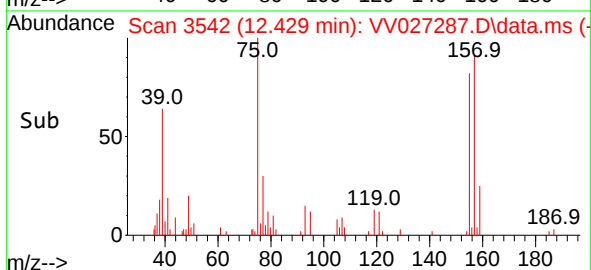
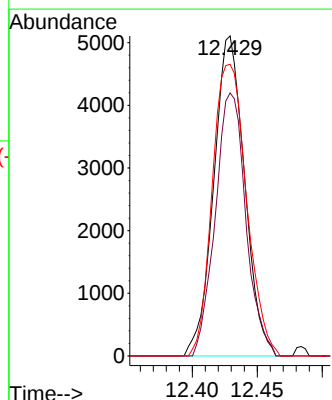
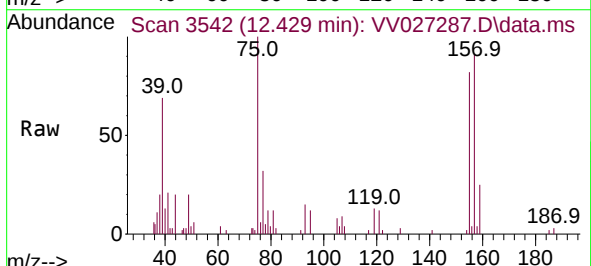
Tgt Ion: 75 Resp: 8435

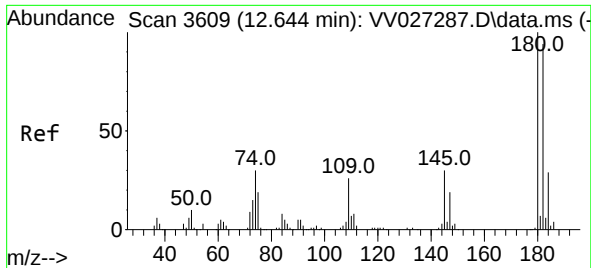
Ion Ratio Lower Upper

75 100

155 82.2 65.8 98.6

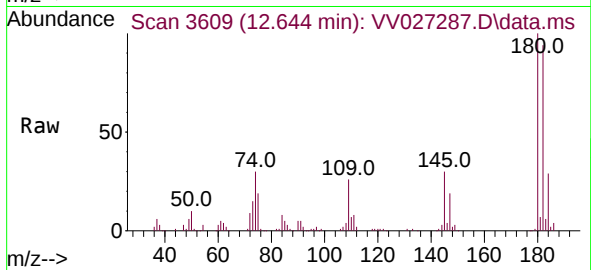
157 91.2 73.0 109.4



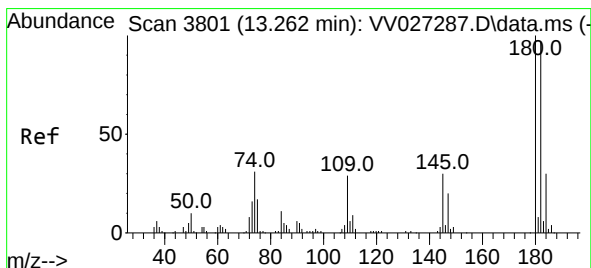
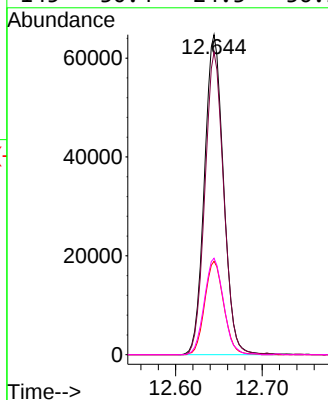
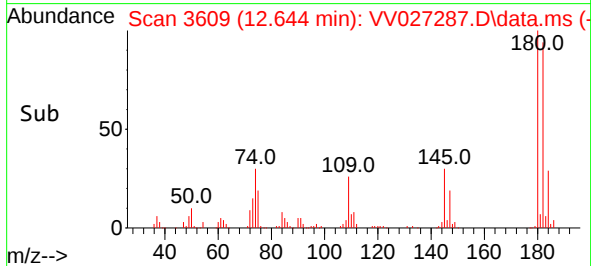


#69
 1,3,5-Trichlorobenzene
 Concen: 4.866 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV027287.D
 Acq: 11 Aug 2022 18:21

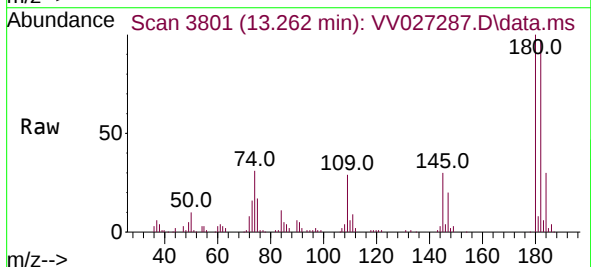
Instrument :
 MSVOA_V
 ClientSampleId :



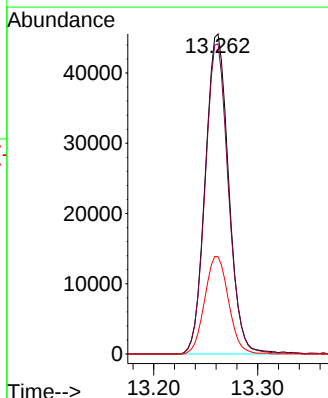
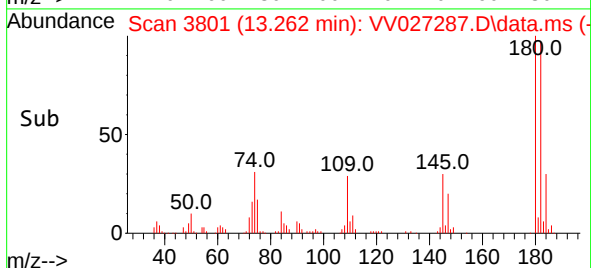
Tgt Ion:180 Resp: 99027
 Ion Ratio Lower Upper
 180 100
 182 93.4 74.7 112.1
 184 29.1 23.3 34.9
 145 30.4 24.3 36.5

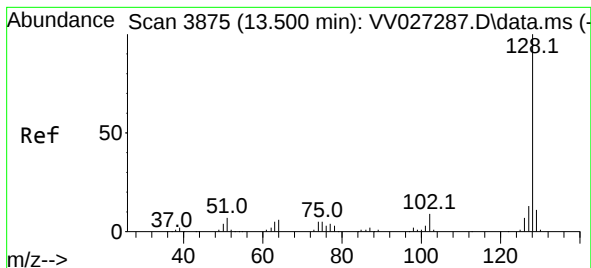


#70
 1,2,4-trichlorobenzene
 Concen: 4.671 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV027287.D
 Acq: 11 Aug 2022 18:21



Tgt Ion:180 Resp: 71027
 Ion Ratio Lower Upper
 180 100
 182 96.7 77.4 116.0
 145 31.1 24.9 37.3





#71

Naphthalene

Concen: 4.480 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV027287.D

Acq: 11 Aug 2022 18:21

Instrument :

MSVOA_V

ClientSampleId :

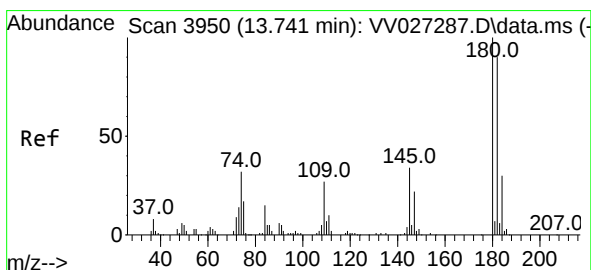
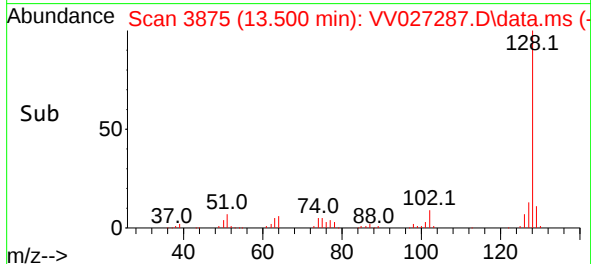
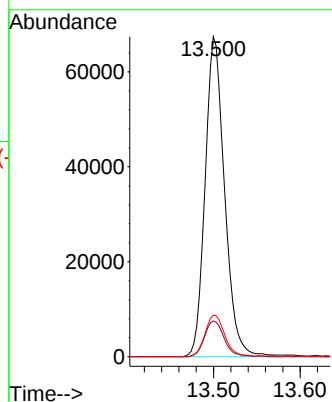
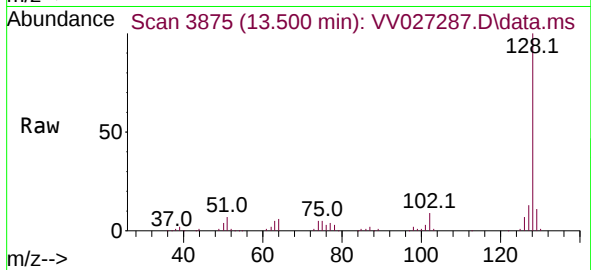
Tgt Ion:128 Resp: 105258

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

127 13.2 10.6 15.8



#72

1,2,3-Trichlorobenzene

Concen: 4.802 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV027287.D

Acq: 11 Aug 2022 18:21

Tgt Ion:180 Resp: 68064

Ion Ratio Lower Upper

180 100

182 92.2 73.8 110.6

145 33.7 27.0 40.4

