

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030822\
 Data File : VW024860.D
 Acq On : 08 Mar 2022 09:32
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 09 04:57:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 25 03:28:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	255781	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	232987	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	109111	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	78322	3.610	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.200%
7) Chloroethane-d5	1.568	69	66315	3.726	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.600%
11) 1,1-Dichloroethene-d2	2.108	63	142048	3.573	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	3.899	46	140504	45.340	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.680%
24) Chloroform-d	4.346	84	145702	4.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.027	65	61942	4.105	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
32) Benzene-d6	5.043	84	294316	4.379	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.066	67	87516	4.424	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.310	98	258849	4.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	7.619	79	31223	4.738	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.085	63	113942	43.945	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.880%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	49739	4.172	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	79149	4.192	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	113795	4.562	ug/L	100
3) Chloromethane	1.243	50	100834	4.047	ug/L	99
5) Vinyl chloride	1.310	62	109521	4.004	ug/L	97
6) Bromomethane	1.523	94	66463	4.068	ug/L	98
8) Chloroethane	1.584	64	67108	3.983	ug/L	99
9) Trichlorofluoromethane	1.754	101	152841	4.257	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	88303	4.235	ug/L	99
12) 1,1-Dichloroethene	2.117	96	81857	4.109	ug/L	94
13) Acetone	2.195	43	98302	44.982	ug/L	94
14) Carbon disulfide	2.294	76	253528	4.535	ug/L	100
15) Methyl Acetate	2.439	43	23640	4.132	ug/L	94
16) Methylene chloride	2.506	84	96556	4.923	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	188370	4.810	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	91474	4.702	ug/L	97
19) 1,1-Dichloroethane	3.188	63	168898	4.741	ug/L	99
21) 2-Butanone	3.979	43	170870	50.597	ug/L	97
22) cis-1,2-Dichloroethene	3.905	96	100188	4.872	ug/L	98
23) Bromochloromethane	4.246	128	39121	4.922	ug/L	92
25) Chloroform	4.368	83	174425	4.687	ug/L	99

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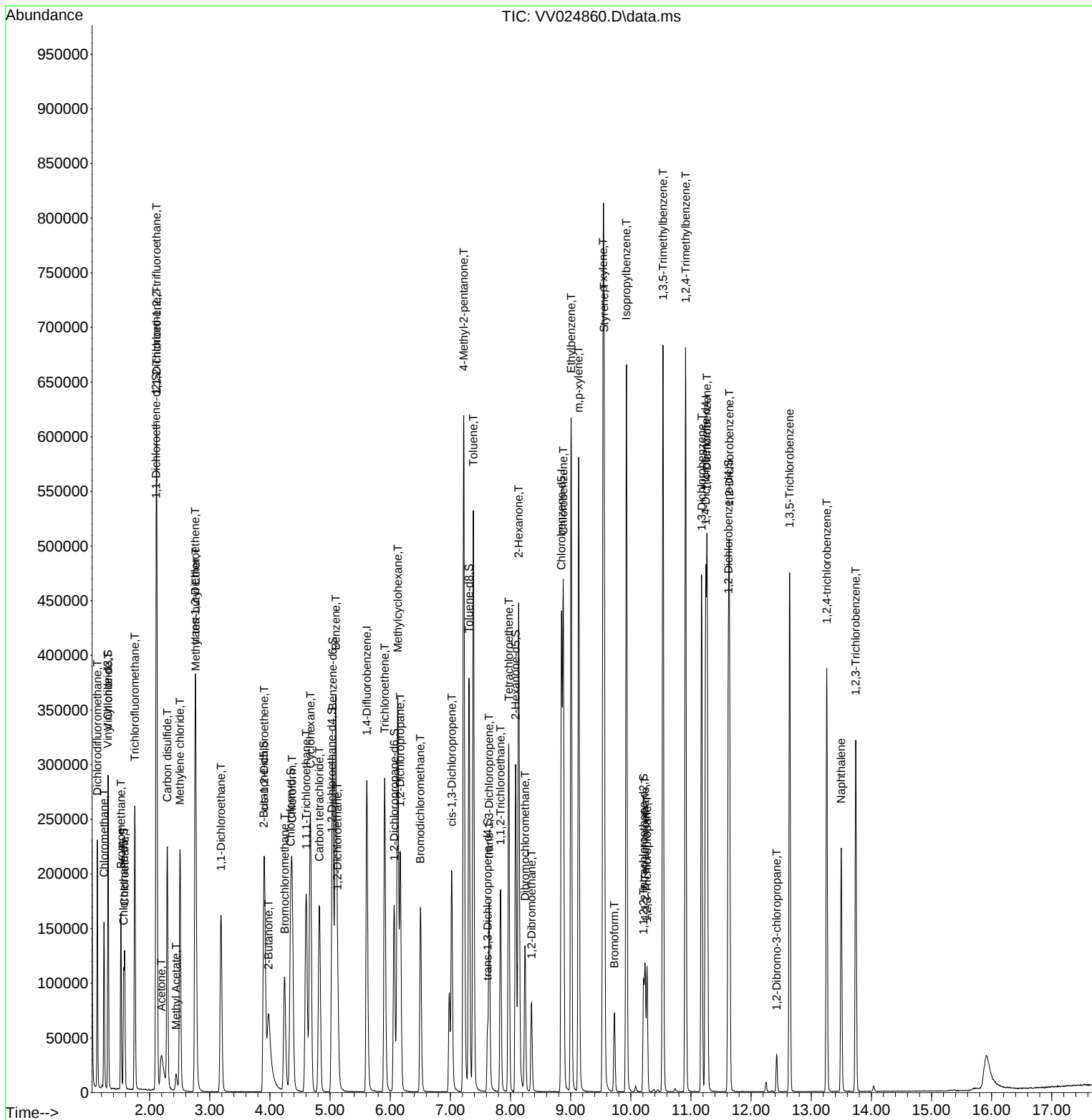
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 ClientSampleId :

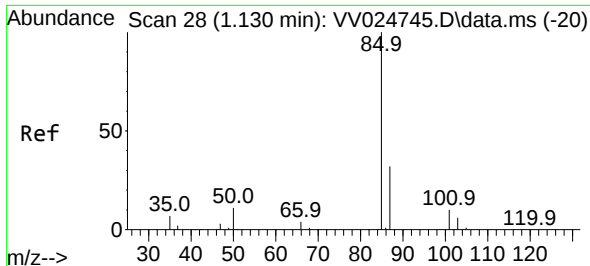
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 25 03:28:05 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	87401	4.401	ug/L	96
29) 1,1,1-Trichloroethane	4.603	97	152237	4.869	ug/L	98
30) Cyclohexane	4.674	56	145551	4.589	ug/L	97
31) Carbon tetrachloride	4.821	117	130085	4.948	ug/L	99
33) Benzene	5.095	78	378296	4.796	ug/L	100
34) Trichloroethene	5.908	95	103661	4.961	ug/L	96
35) Methylcyclohexane	6.127	83	163946	4.856	ug/L	98
37) 1,2-Dichloropropane	6.169	63	91438	4.906	ug/L	99
38) Bromodichloromethane	6.503	83	117698	5.017	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	131897	5.102	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	414532	46.759	ug/L	97
42) Toluene	7.381	91	399227	4.754	ug/L	100
44) trans-1,3-Dichloropropene	7.644	75	103658	5.019	ug/L	95
45) 1,1,2-Trichloroethane	7.834	97	60173	4.963	ug/L	99
47) Tetrachloroethene	7.972	164	69473	4.882	ug/L	98
48) 2-Hexanone	8.136	43	286279	45.928	ug/L	95
49) Dibromochloromethane	8.242	129	70532	5.242	ug/L	99
50) 1,2-Dibromoethane	8.349	107	54018	4.883	ug/L	98
51) Chlorobenzene	8.876	112	251037	4.778	ug/L	98
52) Ethylbenzene	9.008	91	438521	4.784	ug/L	99
53) m,p-xylene	9.133	106	169312	4.887	ug/L	99
54) o-xylene	9.541	106	161527	4.770	ug/L	99
55) Styrene	9.558	104	270498	4.911	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	58066	4.528	ug/L	100
59) Bromoform	9.728	173	31246	5.657	ug/L	98
60) Isopropylbenzene	9.927	105	439299	4.867	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	46808	4.734	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	366075	4.866	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	367919	4.926	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	186824	4.908	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	185656	4.884	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	164323	4.894	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	8957	5.298	ug/L	95
69) 1,3,5-Trichlorobenzene	12.641	180	134257	4.974	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	105361	4.955	ug/L	99
71) Naphthalene	13.500	128	170323	4.710	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	87440	4.913	ug/L	99

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

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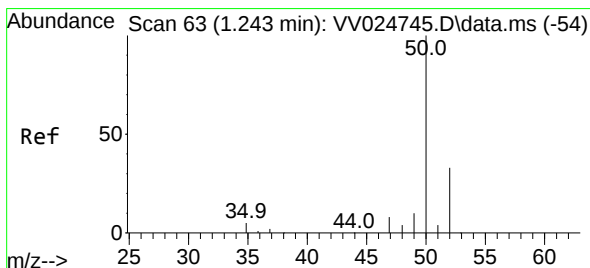
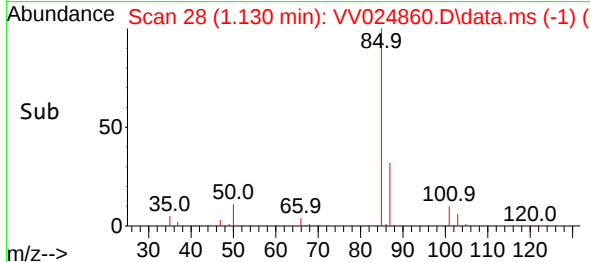
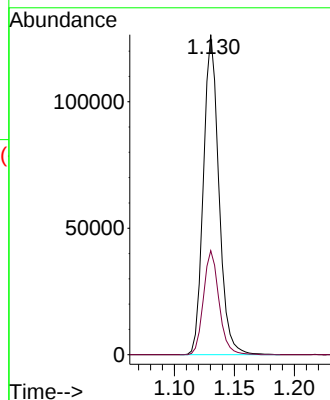
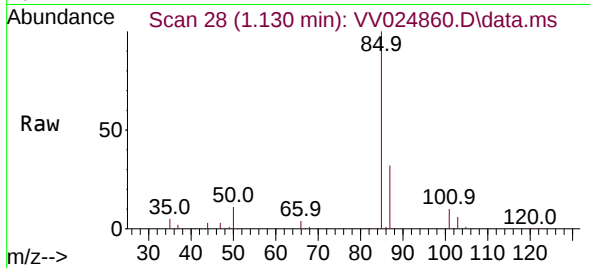




#2
 Dichlorodifluoromethane
 Concen: 4.562 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV024860.D
 Acq: 08 Mar 2022 09:32

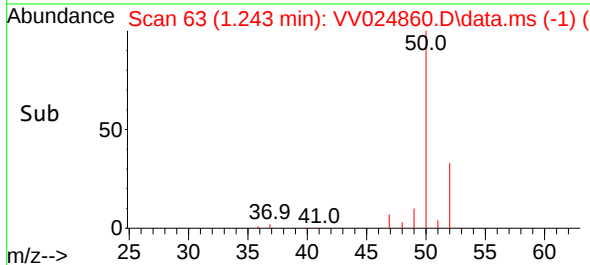
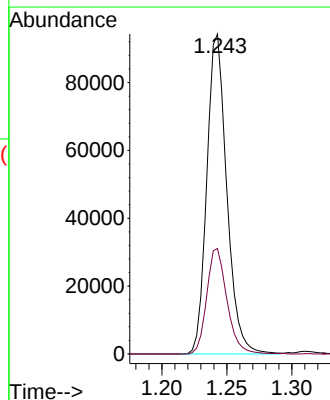
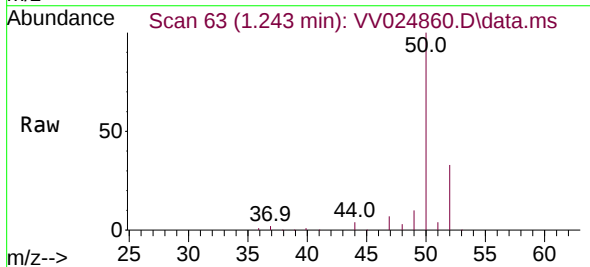
Instrument :
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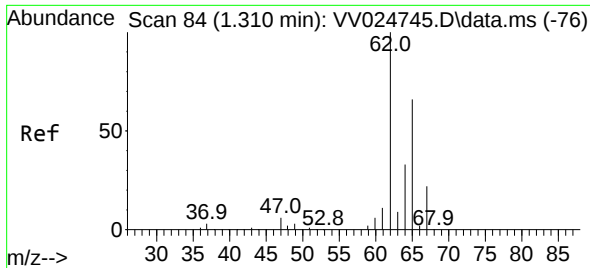
Tgt Ion: 85 Resp: 113795
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.9 38.9



#3
 Chloromethane
 Concen: 4.047 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV024860.D
 Acq: 08 Mar 2022 09:32

Tgt Ion: 50 Resp: 100834
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.3 43.3

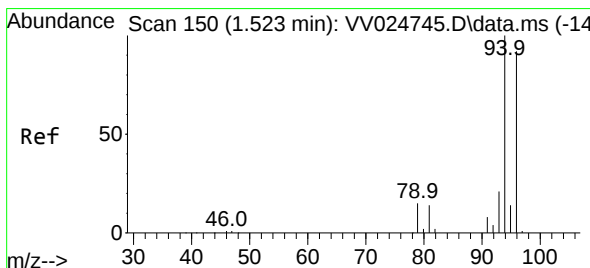
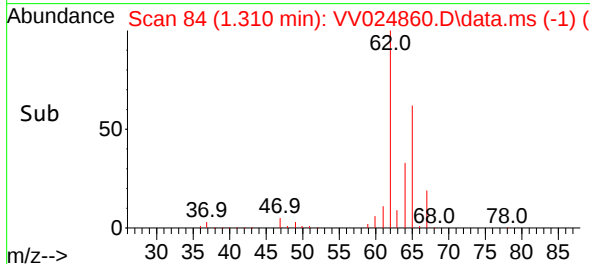
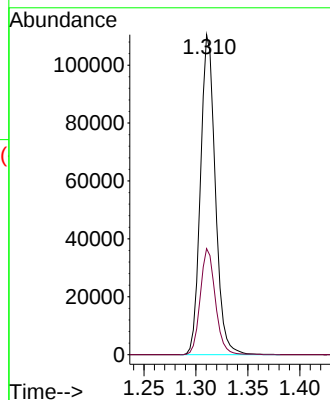
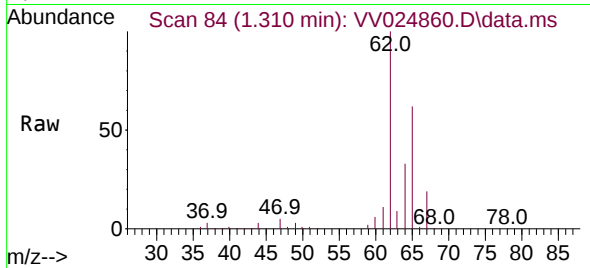




#5
 Vinyl chloride
 Concen: 4.004 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV024860.D
 Acq: 08 Mar 2022 09:32

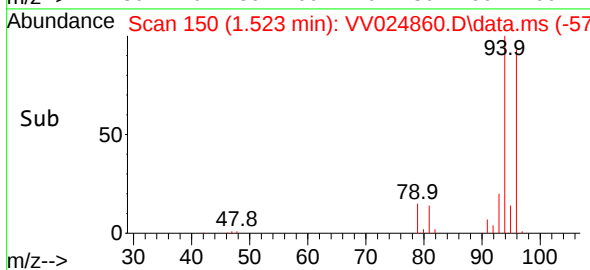
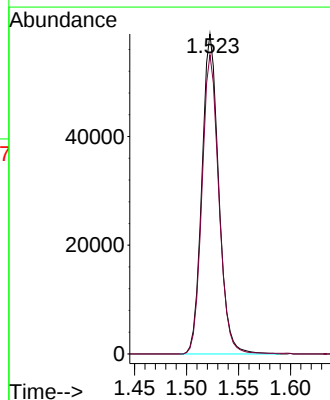
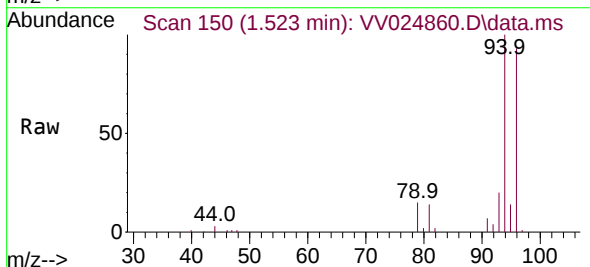
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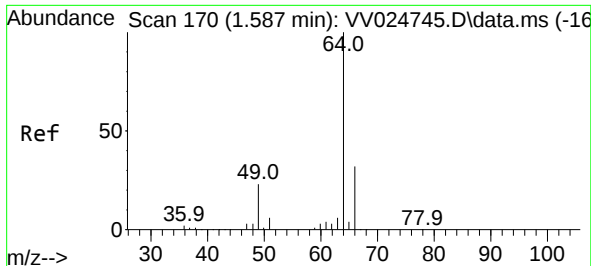
Tgt Ion: 62 Resp: 109521
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.2 41.2



#6
 Bromomethane
 Concen: 4.068 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV024860.D
 Acq: 08 Mar 2022 09:32

Tgt Ion: 94 Resp: 66463
 Ion Ratio Lower Upper
 94 100
 96 93.5 66.5 123.5

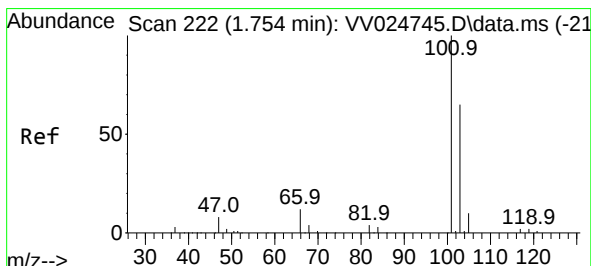
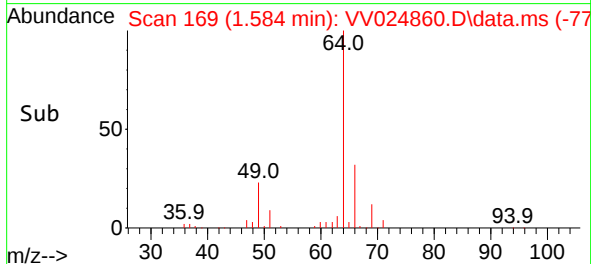
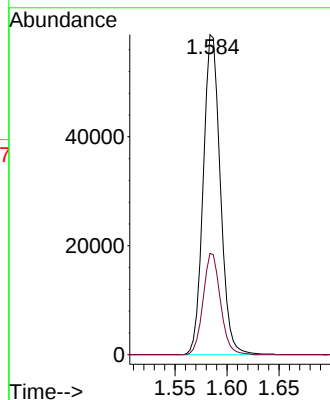
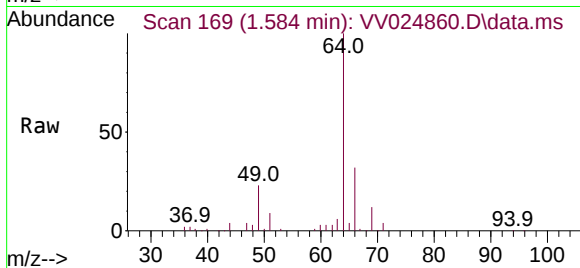




#8
Chloroethane
Concen: 3.983 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV024860.D
Acq: 08 Mar 2022 09:32

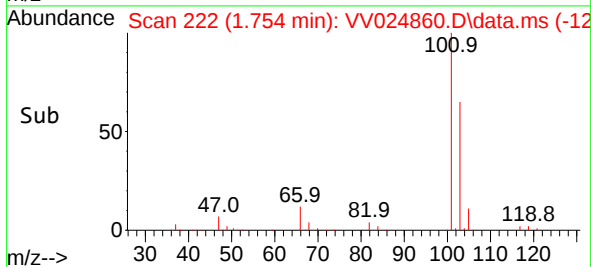
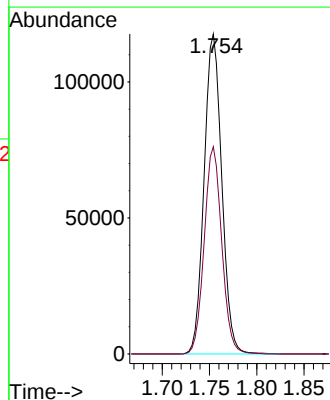
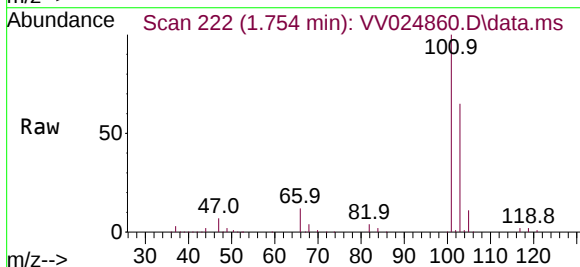
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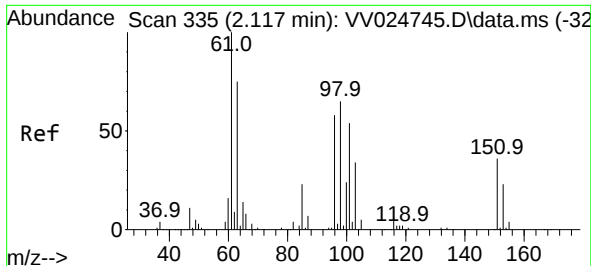
Tgt Ion: 64 Resp: 67108
Ion Ratio Lower Upper
64 100
66 31.7 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.257 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV024860.D
Acq: 08 Mar 2022 09:32

Tgt Ion:101 Resp: 152841
Ion Ratio Lower Upper
101 100
103 64.2 50.7 76.1

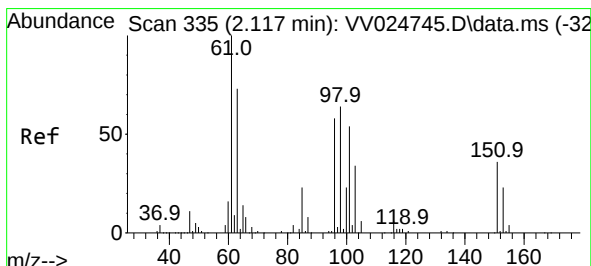
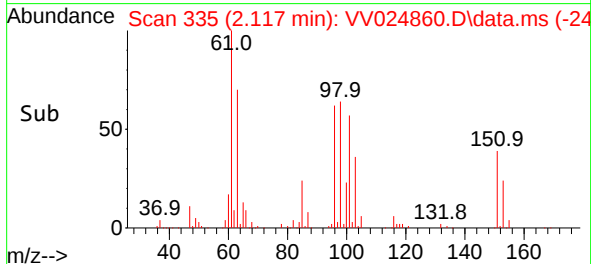
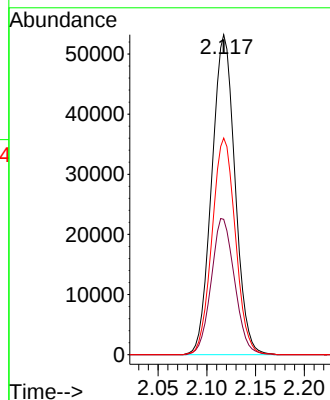
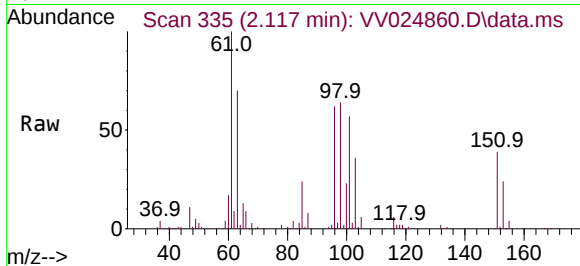




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.235 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV024860.D
 Acq: 08 Mar 2022 09:32

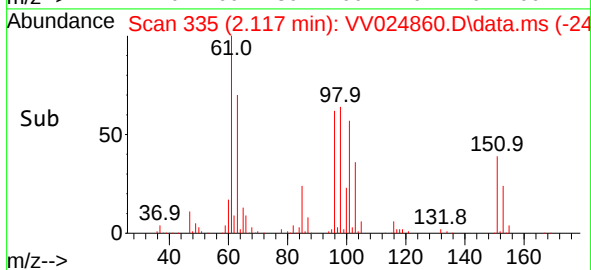
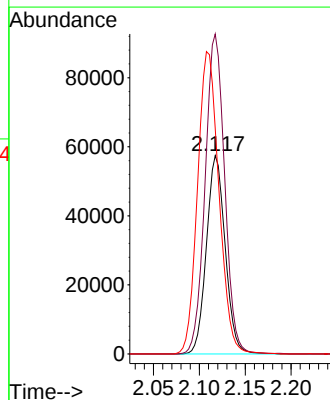
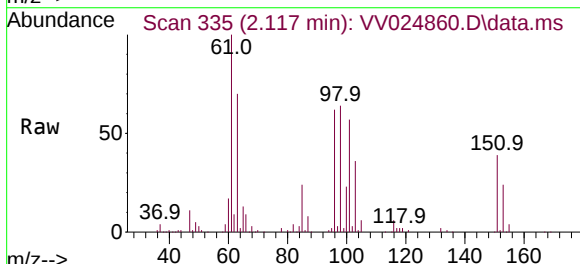
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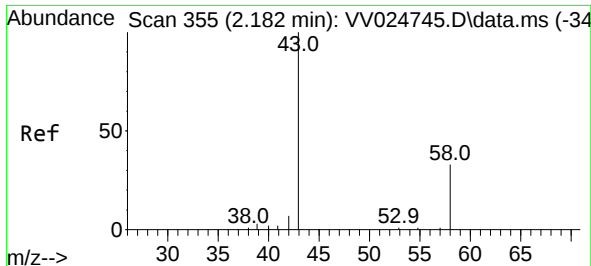
Tgt Ion:101 Resp: 88303
 Ion Ratio Lower Upper
 101 100
 85 42.7 34.7 52.1
 151 68.1 53.5 80.3



#12
 1,1-Dichloroethene
 Concen: 4.109 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV024860.D
 Acq: 08 Mar 2022 09:32

Tgt Ion: 96 Resp: 81857
 Ion Ratio Lower Upper
 96 100
 61 161.3 116.3 216.1
 63 113.5 86.0 159.6





#13

Acetone

Concen: 44.982 ug/L

RT: 2.195 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV024860.D

Acq: 08 Mar 2022 09:32

Instrument :

MSVOA_V

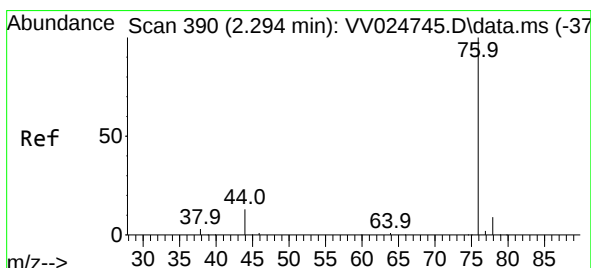
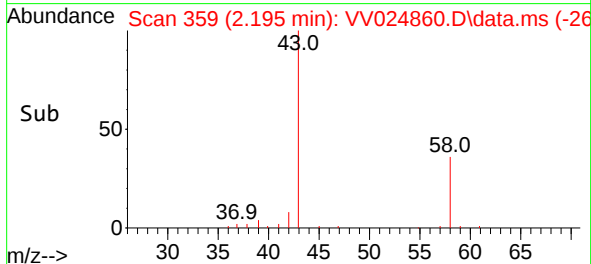
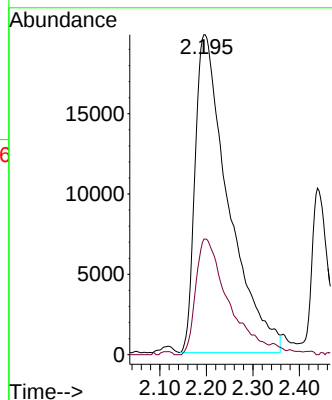
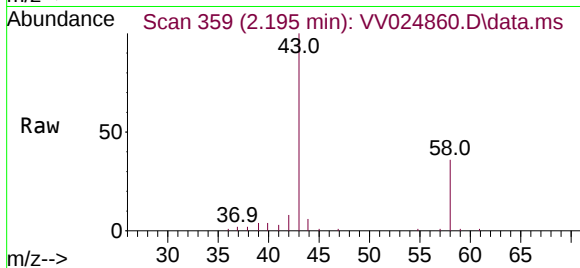
ClientSampleId :

Tgt Ion: 43 Resp: 98302

Ion Ratio Lower Upper

43 100

58 35.2 0.0 63.6



#14

Carbon disulfide

Concen: 4.535 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.000 min

Lab File: VV024860.D

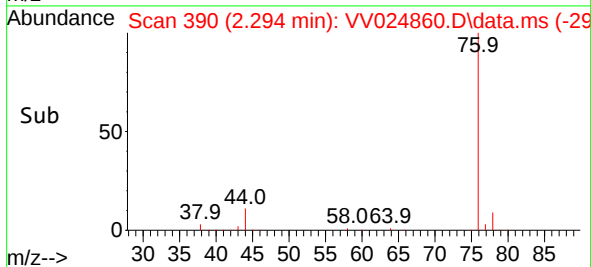
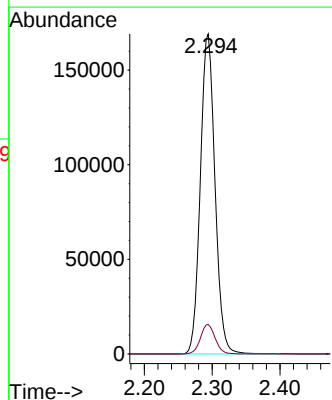
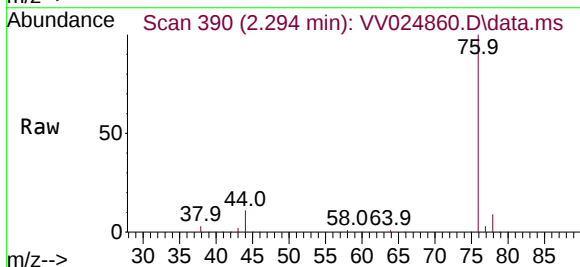
Acq: 08 Mar 2022 09:32

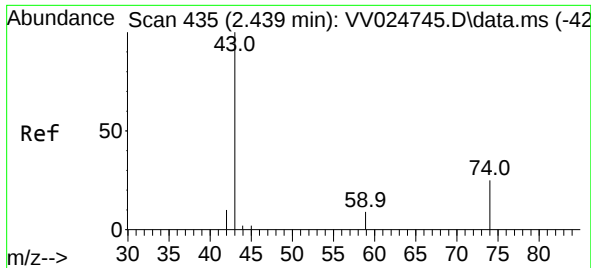
Tgt Ion: 76 Resp: 253528

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9





#15

Methyl Acetate

Concen: 4.132 ug/L

RT: 2.439 min Scan# 41

Delta R.T. -0.000 min

Lab File: VV024860.D

Acq: 08 Mar 2022 09:32

Instrument :

MSVOA_V

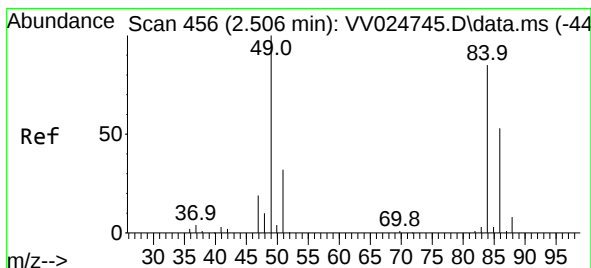
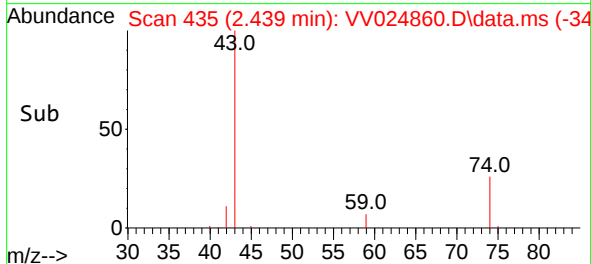
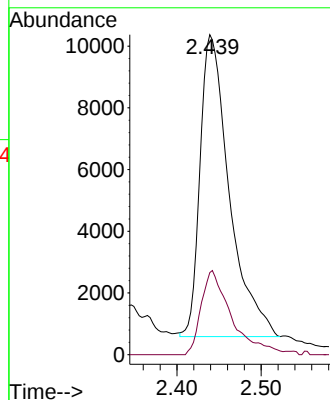
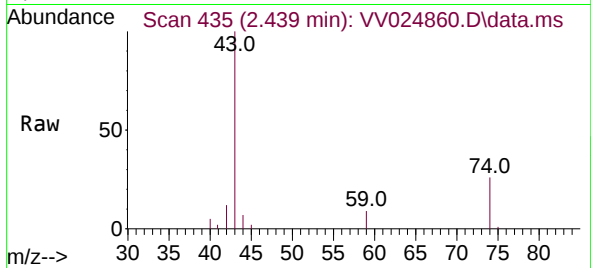
ClientSampleId :

Tgt Ion: 43 Resp: 23640

Ion Ratio Lower Upper

43 100

74 29.1 20.8 31.2



#16

Methylene chloride

Concen: 4.923 ug/L

RT: 2.506 min Scan# 456

Delta R.T. -0.000 min

Lab File: VV024860.D

Acq: 08 Mar 2022 09:32

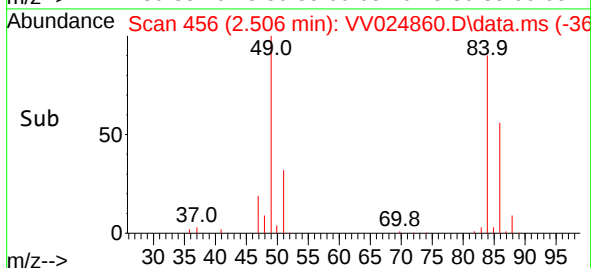
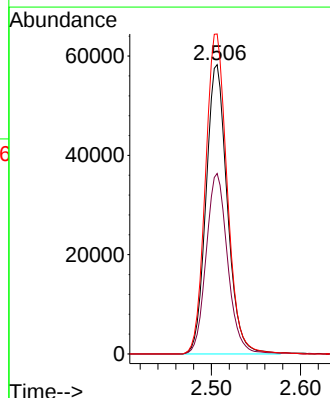
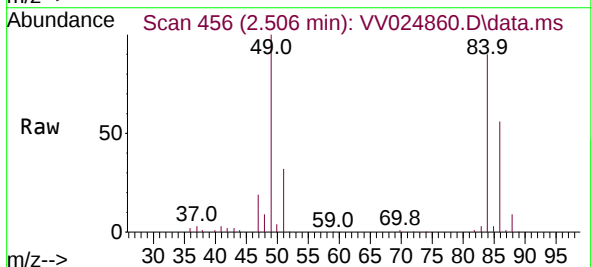
Tgt Ion: 84 Resp: 96556

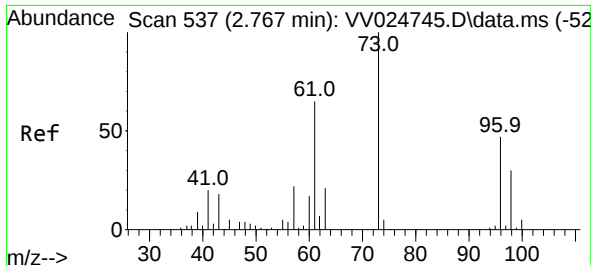
Ion Ratio Lower Upper

84 100

86 62.4 45.1 83.7

49 110.6 83.5 155.1





#17

Methyl tert-butyl Ether

Concen: 4.810 ug/L

RT: 2.767 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV024860.D

Acq: 08 Mar 2022 09:32

Instrument :

MSVOA_V

ClientSampleId :

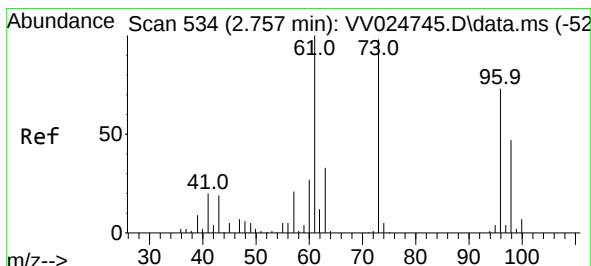
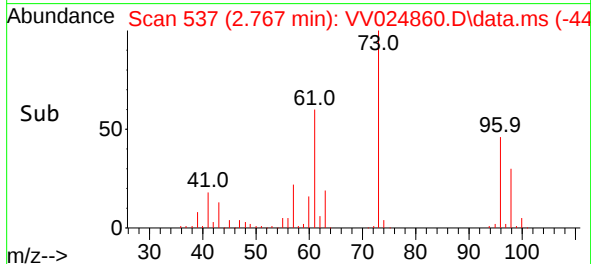
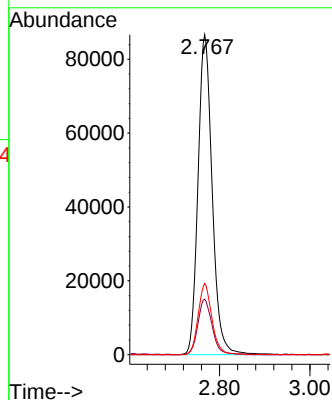
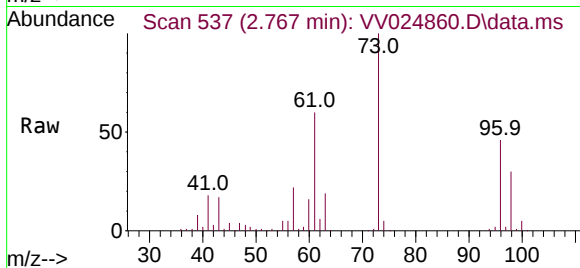
Tgt Ion: 73 Resp: 188370

Ion Ratio Lower Upper

73 100

43 17.5 15.1 22.7

57 21.6 17.4 26.2



#18

trans-1,2-Dichloroethene

Concen: 4.702 ug/L

RT: 2.757 min Scan# 534

Delta R.T. -0.000 min

Lab File: VV024860.D

Acq: 08 Mar 2022 09:32

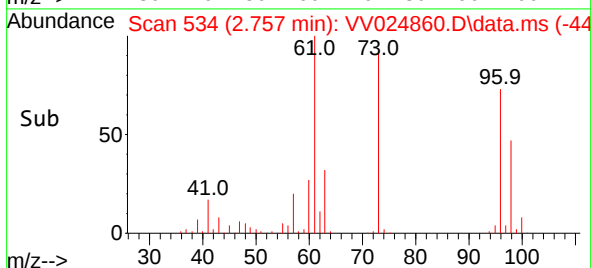
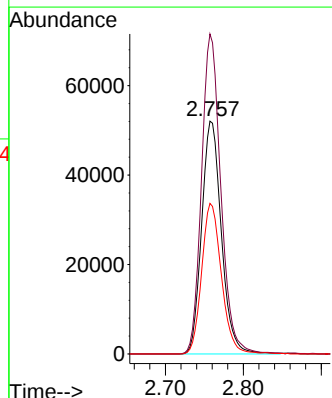
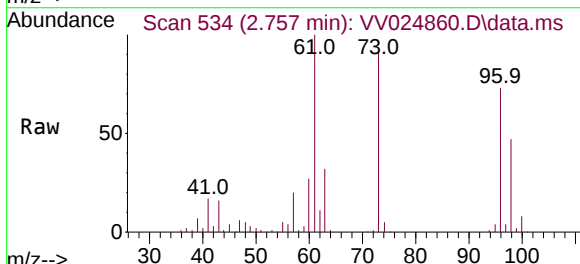
Tgt Ion: 96 Resp: 91474

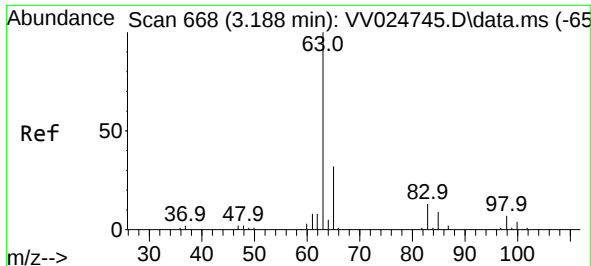
Ion Ratio Lower Upper

96 100

61 137.4 92.9 172.5

98 64.7 44.5 82.7





#19

1,1-Dichloroethane

Concen: 4.741 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV024860.D

Acq: 08 Mar 2022 09:32

Instrument :

MSVOA_V

ClientSampleId :

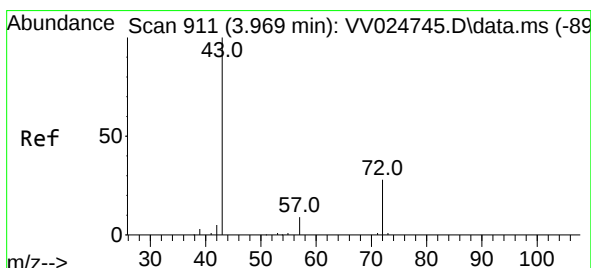
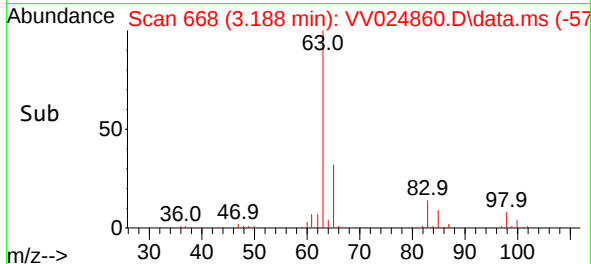
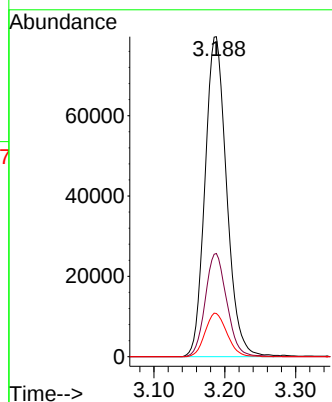
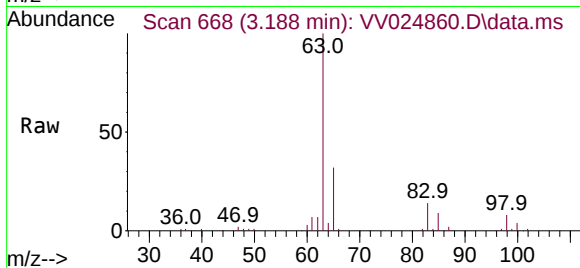
Tgt Ion: 63 Resp: 168898

Ion Ratio Lower Upper

63 100

65 32.3 22.0 40.8

83 13.5 9.5 17.7



#21

2-Butanone

Concen: 50.597 ug/L

RT: 3.979 min Scan# 914

Delta R.T. 0.003 min

Lab File: VV024860.D

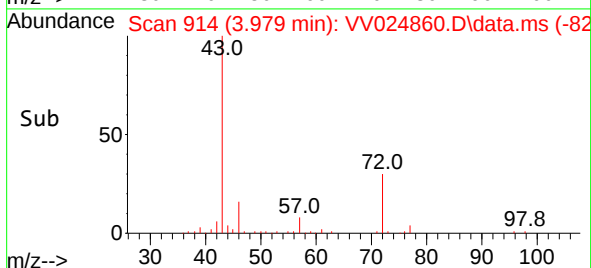
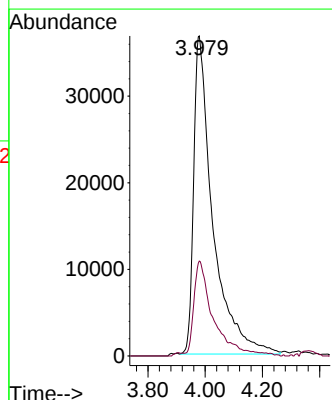
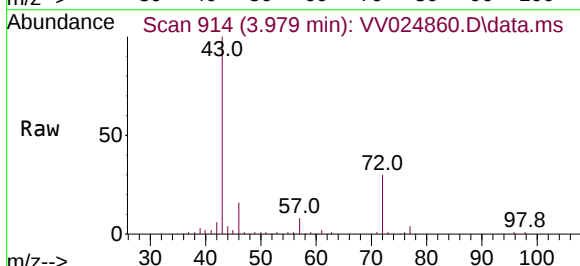
Acq: 08 Mar 2022 09:32

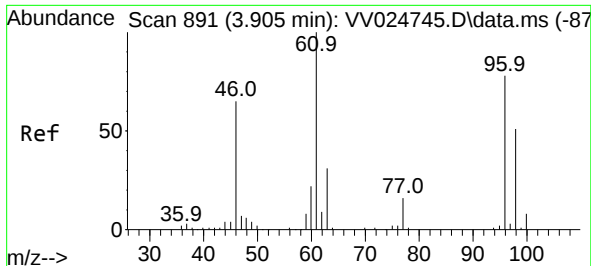
Tgt Ion: 43 Resp: 170870

Ion Ratio Lower Upper

43 100

72 25.0 13.2 39.6





#22

cis-1,2-Dichloroethene

Concen: 4.872 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.003 min

Lab File: VV024860.D

Acq: 08 Mar 2022 09:32

Instrument :

MSVOA_V

ClientSampleId :

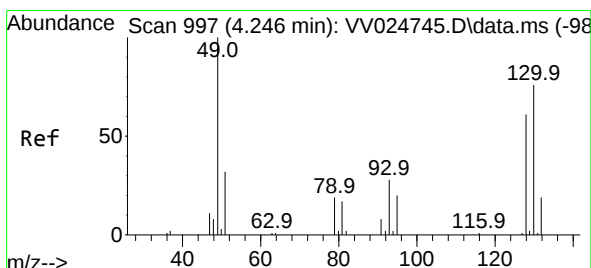
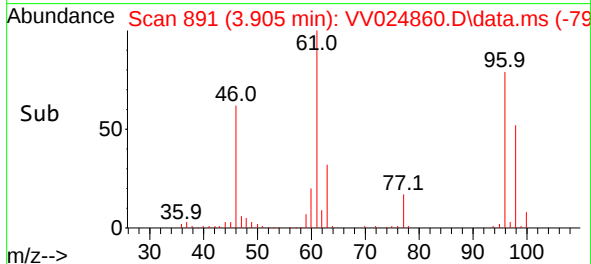
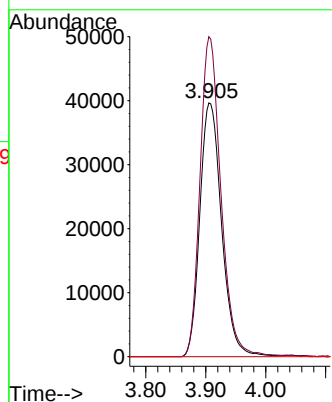
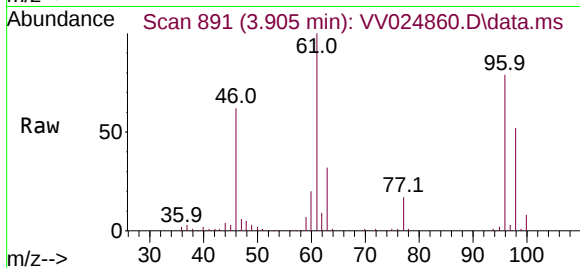
Tgt Ion: 96 Resp: 100188

Ion Ratio Lower Upper

96 100

61 126.1 89.7 166.5

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 4.922 ug/L

RT: 4.246 min Scan# 997

Delta R.T. 0.003 min

Lab File: VV024860.D

Acq: 08 Mar 2022 09:32

Tgt Ion: 128 Resp: 39121

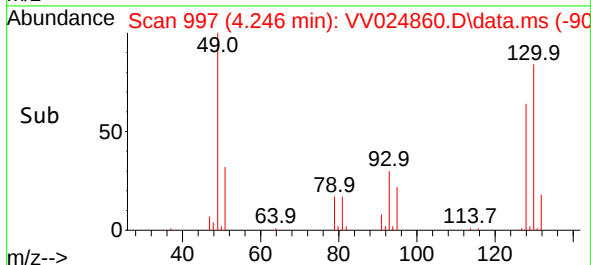
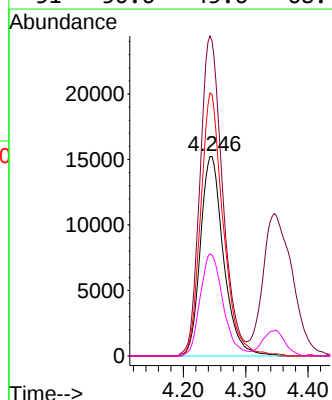
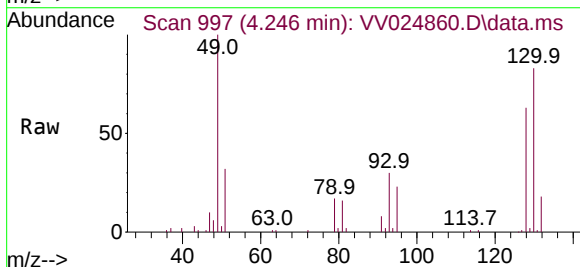
Ion Ratio Lower Upper

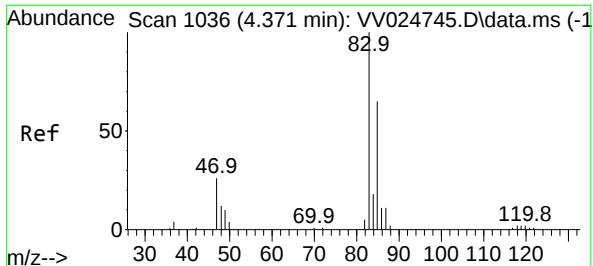
128 100

49 158.0 124.2 230.6

130 130.9 92.1 171.1

51 50.6 45.6 68.4





#25

Chloroform

Concen: 4.687 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VV024860.D

Acq: 08 Mar 2022 09:32

Instrument :

MSVOA_V

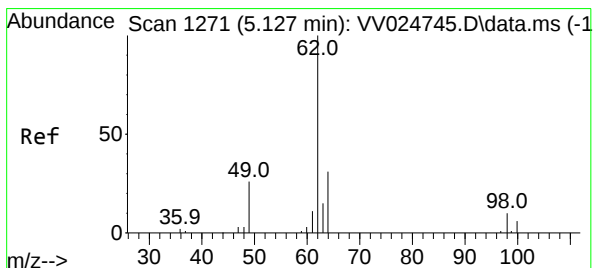
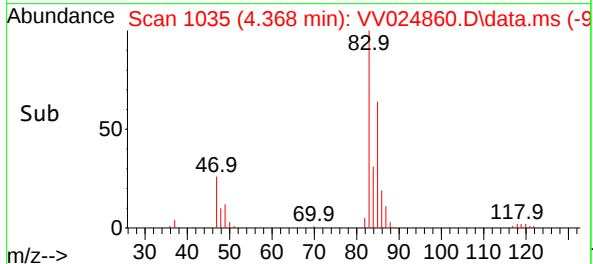
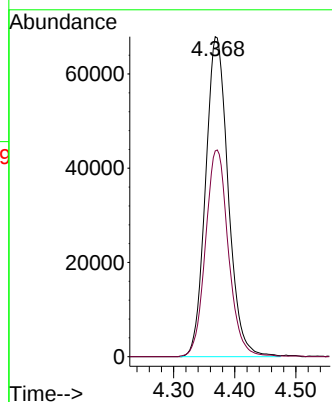
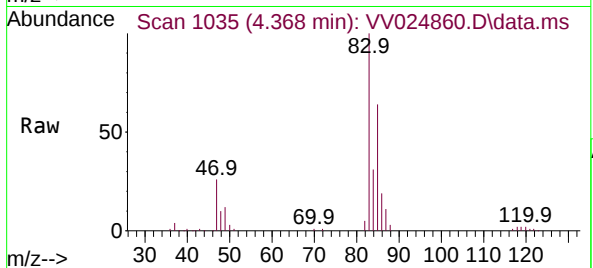
ClientSampleId :

Tgt Ion: 83 Resp: 174425

Ion Ratio Lower Upper

83 100

85 64.3 45.5 84.5



#27

1,2-Dichloroethane

Concen: 4.401 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.003 min

Lab File: VV024860.D

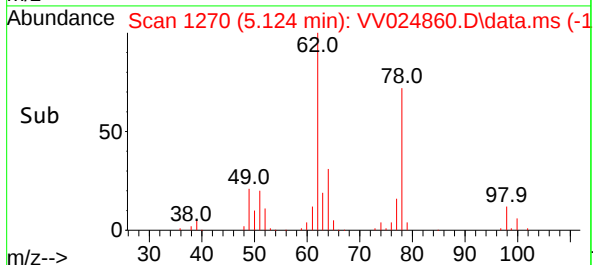
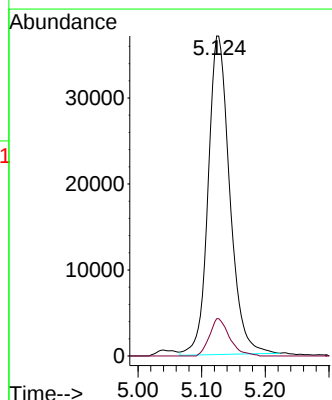
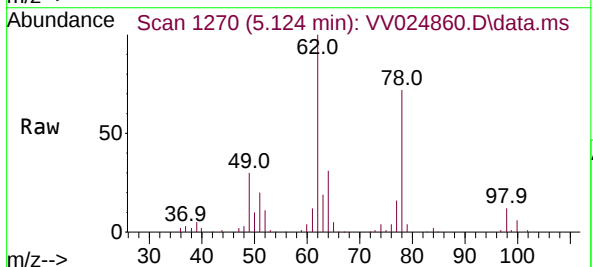
Acq: 08 Mar 2022 09:32

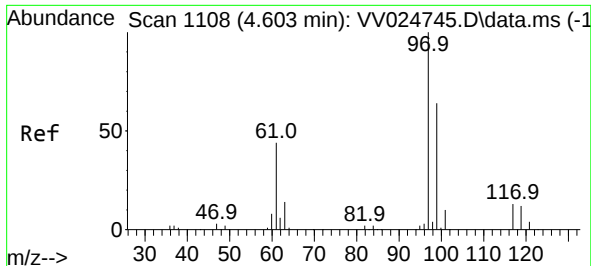
Tgt Ion: 62 Resp: 87401

Ion Ratio Lower Upper

62 100

98 11.7 8.2 12.2





#29

1,1,1-Trichloroethane

Concen: 4.869 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV024860.D

Acq: 08 Mar 2022 09:32

Instrument :

MSVOA_V

ClientSampleId :

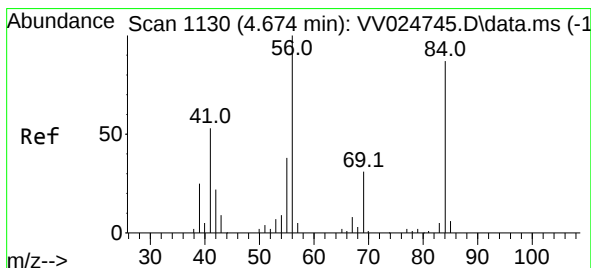
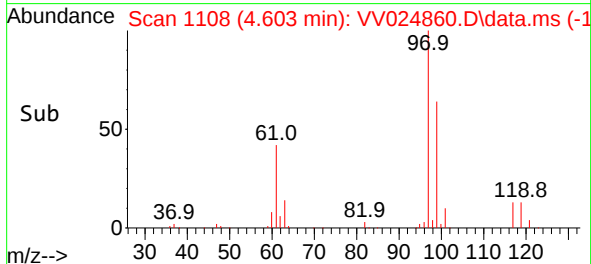
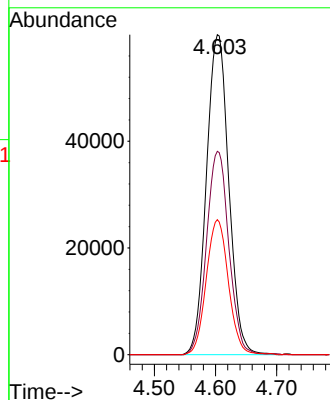
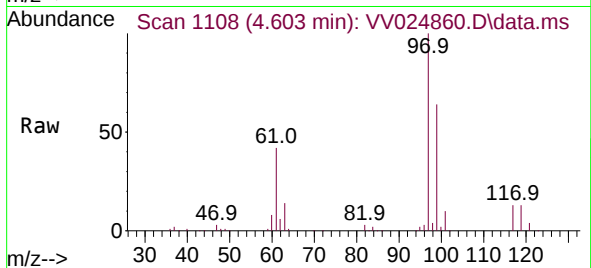
Tgt Ion: 97 Resp: 152237

Ion Ratio Lower Upper

97 100

99 63.7 50.5 75.7

61 41.8 35.8 53.6



#30

Cyclohexane

Concen: 4.589 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VV024860.D

Acq: 08 Mar 2022 09:32

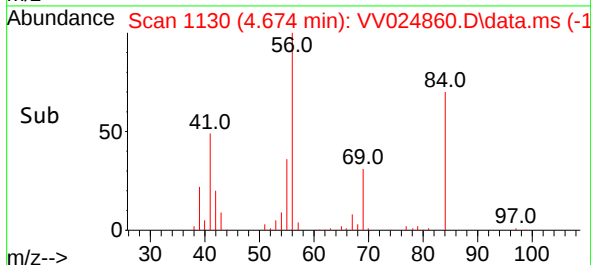
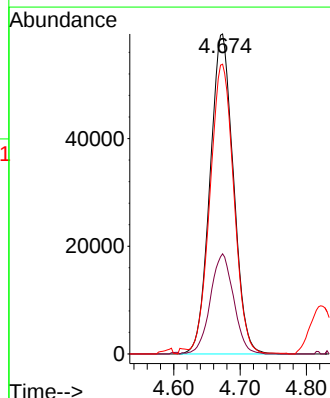
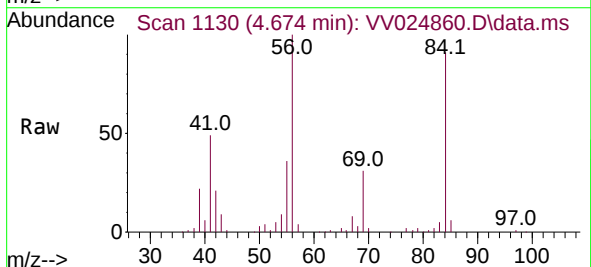
Tgt Ion: 56 Resp: 145551

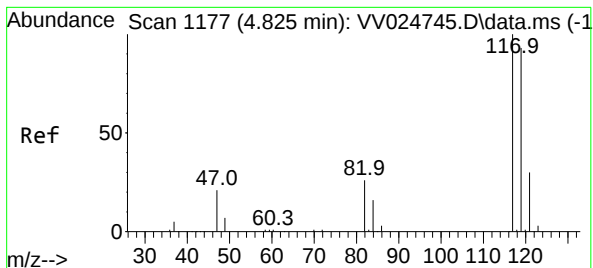
Ion Ratio Lower Upper

56 100

69 31.1 24.6 37.0

84 92.5 71.4 107.0





#31

Carbon tetrachloride

Concen: 4.948 ug/L

RT: 4.821 min Scan# 1176

Delta R.T. -0.000 min

Lab File: VV024860.D

Acq: 08 Mar 2022 09:32

Instrument :

MSVOA_V

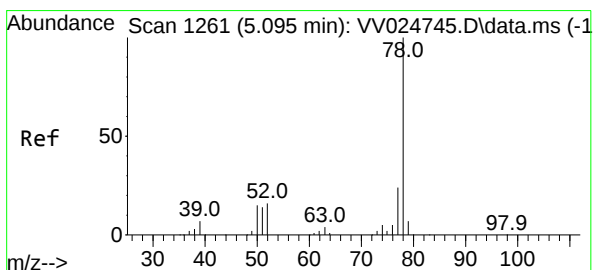
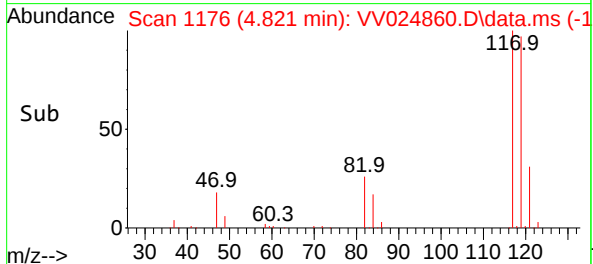
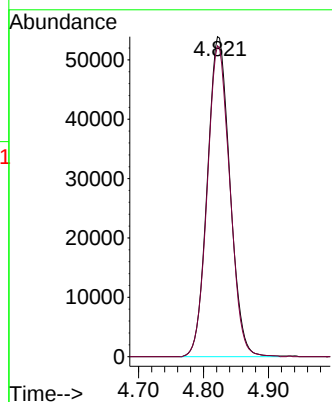
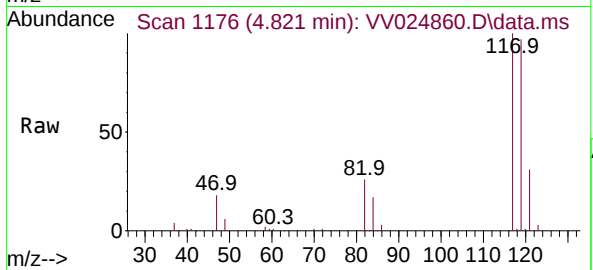
ClientSampleId :

Tgt Ion:117 Resp: 130085

Ion Ratio Lower Upper

117 100

119 97.1 76.6 115.0



#33

Benzene

Concen: 4.796 ug/L

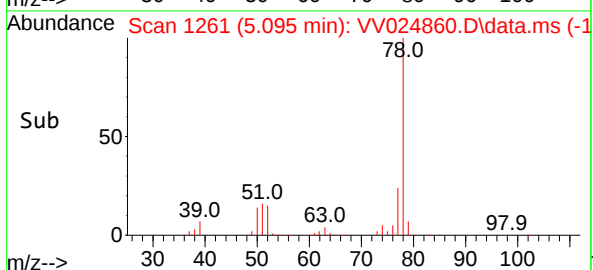
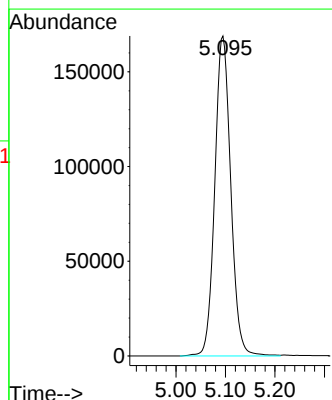
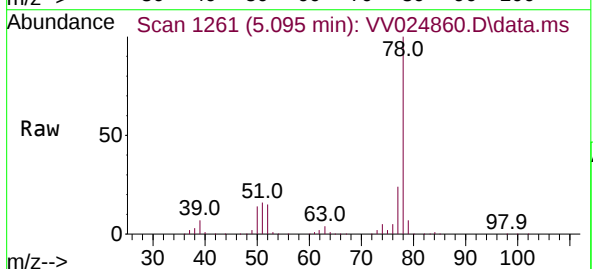
RT: 5.095 min Scan# 1261

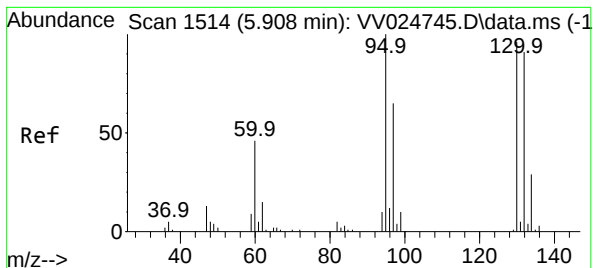
Delta R.T. -0.000 min

Lab File: VV024860.D

Acq: 08 Mar 2022 09:32

Tgt Ion: 78 Resp: 378296





#34

Trichloroethene

Concen: 4.961 ug/L

RT: 5.908 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV024860.D

Acq: 08 Mar 2022 09:32

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 103661

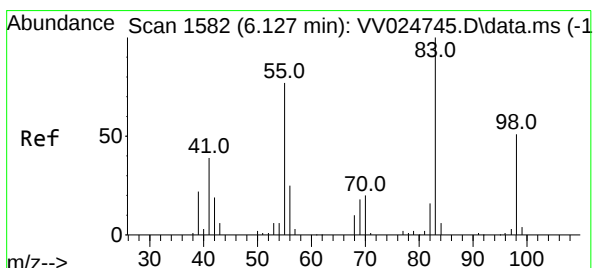
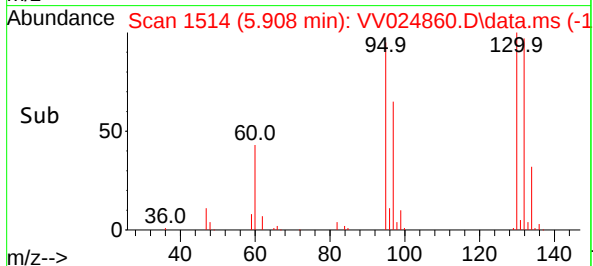
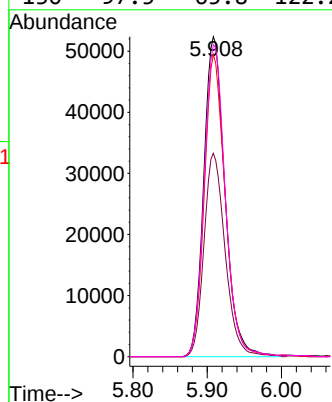
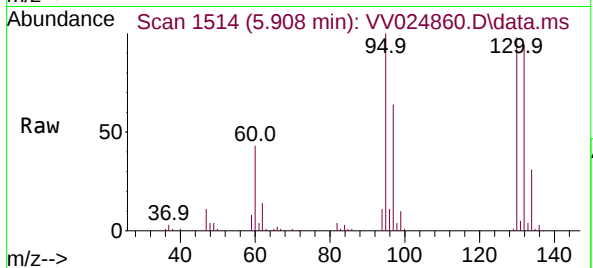
Ion Ratio Lower Upper

95 100

97 63.6 44.2 82.0

132 94.4 62.1 115.3

130 97.5 65.8 122.2



#35

Methylcyclohexane

Concen: 4.856 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.000 min

Lab File: VV024860.D

Acq: 08 Mar 2022 09:32

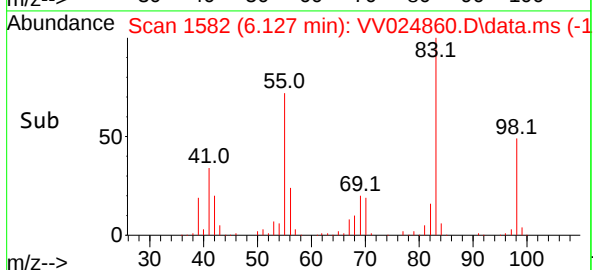
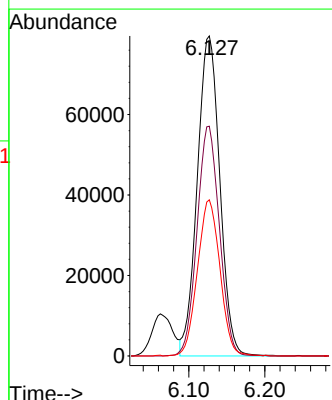
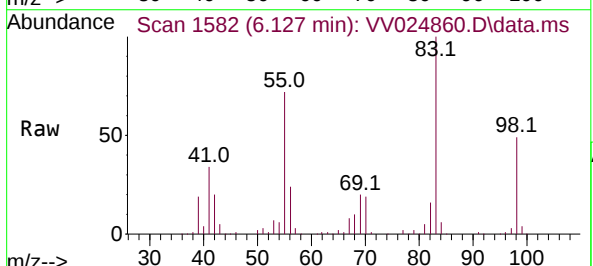
Tgt Ion: 83 Resp: 163946

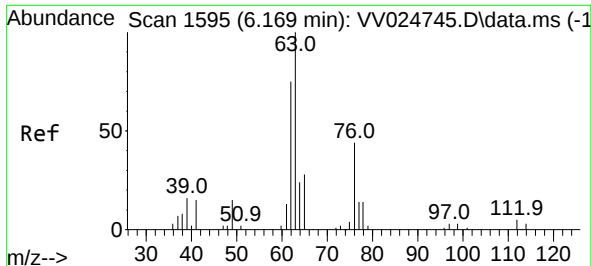
Ion Ratio Lower Upper

83 100

55 71.2 58.8 88.2

98 48.8 38.6 58.0





#37

1,2-Dichloropropane

Concen: 4.906 ug/L

RT: 6.169 min Scan# 1595

Delta R.T. -0.000 min

Lab File: VV024860.D

Acq: 08 Mar 2022 09:32

Instrument :

MSVOA_V

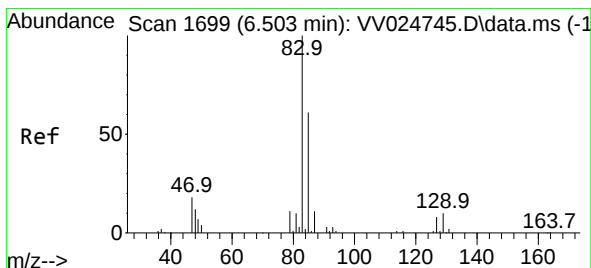
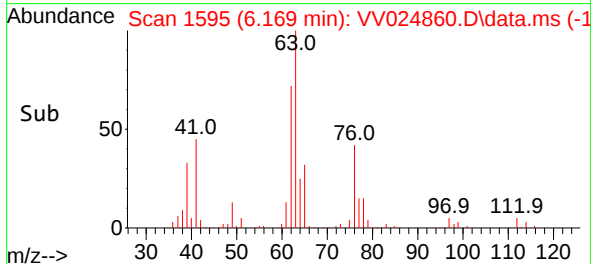
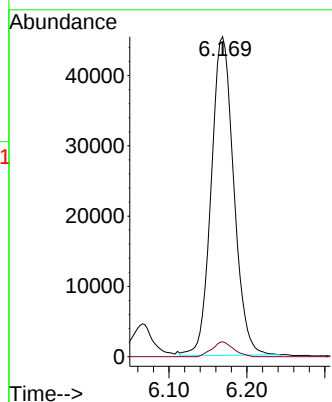
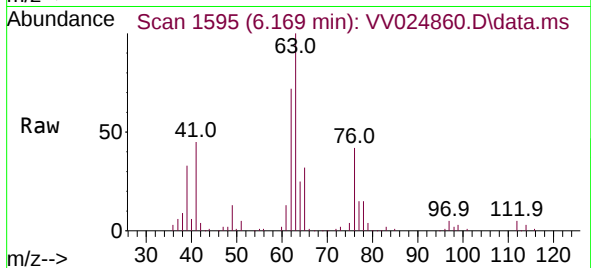
ClientSampleId :

Tgt Ion: 63 Resp: 91438

Ion Ratio Lower Upper

63 100

112 4.4 3.8 5.6



#38

Bromodichloromethane

Concen: 5.017 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VV024860.D

Acq: 08 Mar 2022 09:32

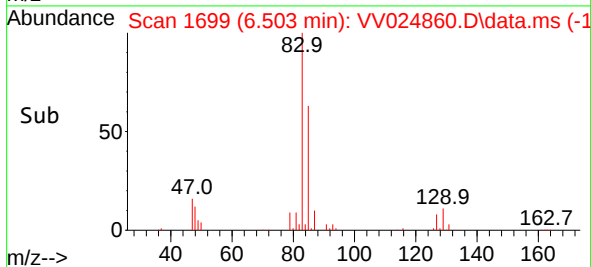
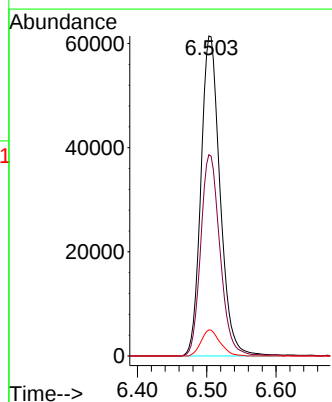
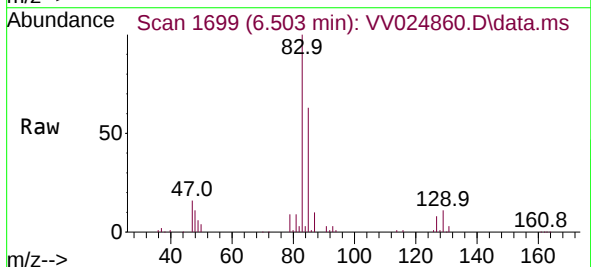
Tgt Ion: 83 Resp: 117698

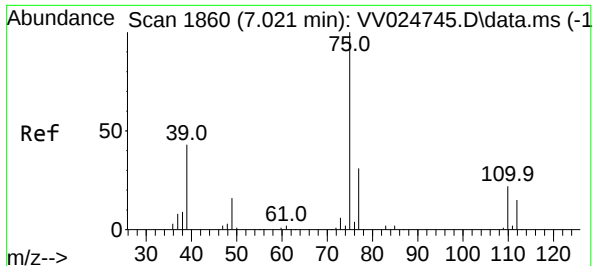
Ion Ratio Lower Upper

83 100

85 62.9 43.5 80.9

127 8.2 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.102 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV024860.D

Acq: 08 Mar 2022 09:32

Instrument :

MSVOA_V

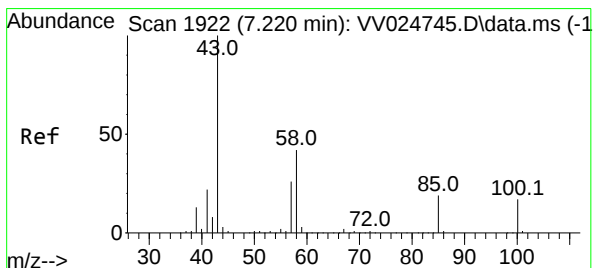
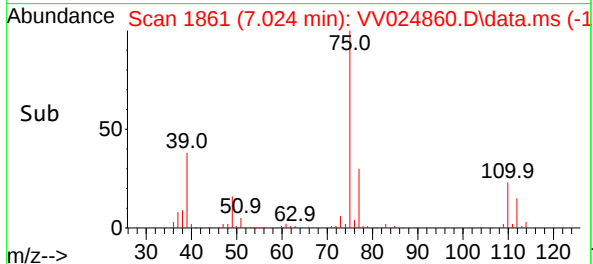
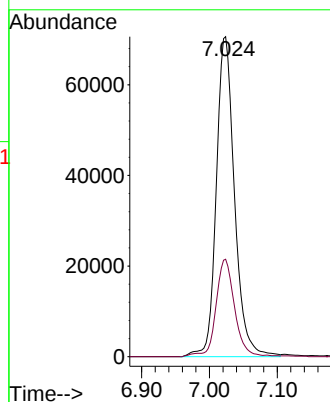
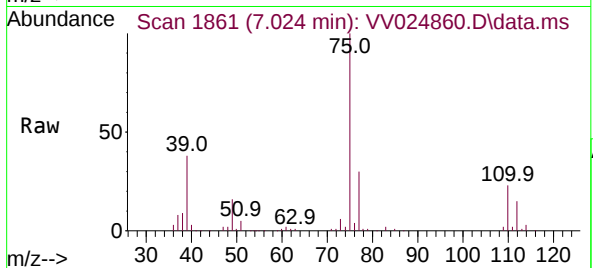
ClientSampleId :

Tgt Ion: 75 Resp: 131897

Ion Ratio Lower Upper

75 100

77 30.4 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 46.759 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV024860.D

Acq: 08 Mar 2022 09:32

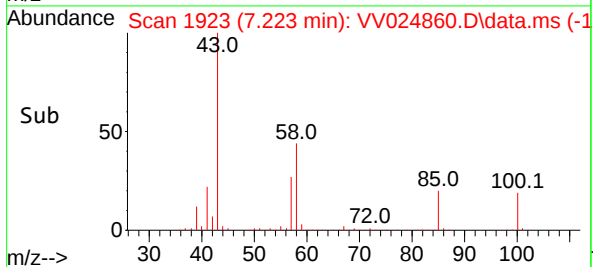
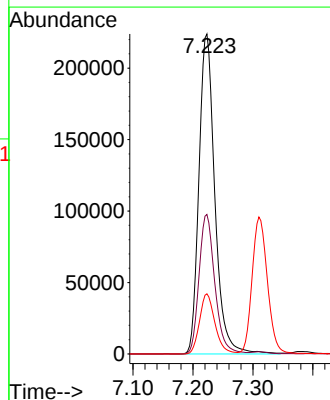
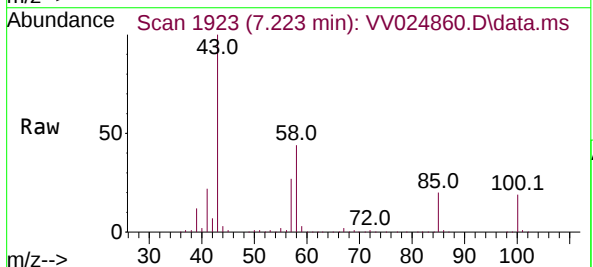
Tgt Ion: 43 Resp: 414532

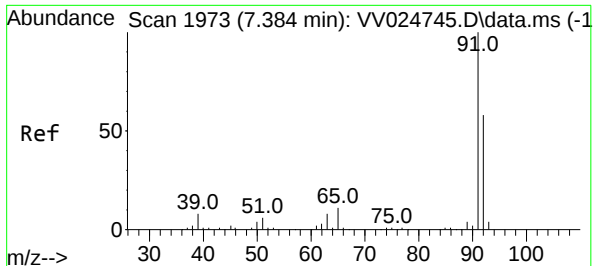
Ion Ratio Lower Upper

43 100

58 43.3 33.0 49.6

100 18.2 13.3 19.9





#42

Toluene

Concen: 4.754 ug/L

RT: 7.381 min Scan# 1973

Delta R.T. -0.003 min

Lab File: VV024860.D

Acq: 08 Mar 2022 09:32

Instrument :

MSVOA_V

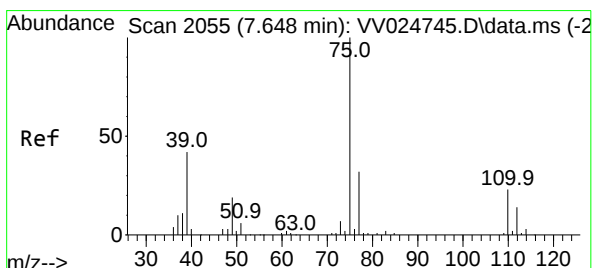
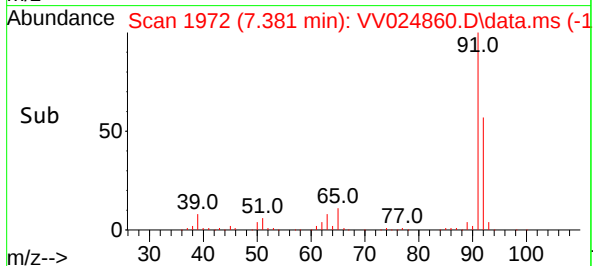
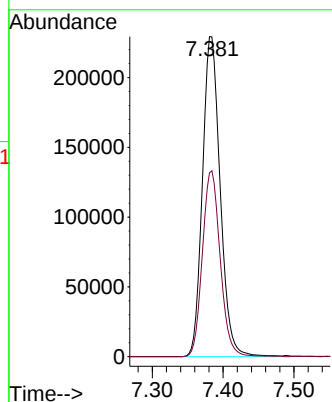
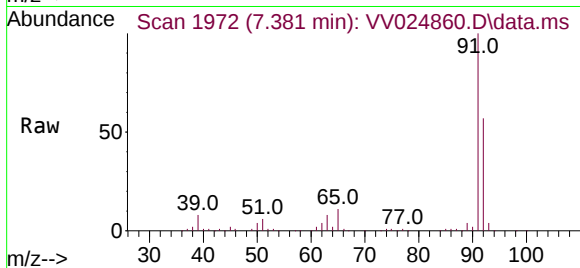
ClientSampleId :

Tgt Ion: 91 Resp: 399227

Ion Ratio Lower Upper

91 100

92 57.5 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.019 ug/L

RT: 7.644 min Scan# 2054

Delta R.T. -0.003 min

Lab File: VV024860.D

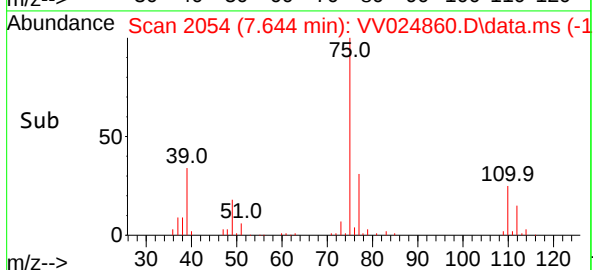
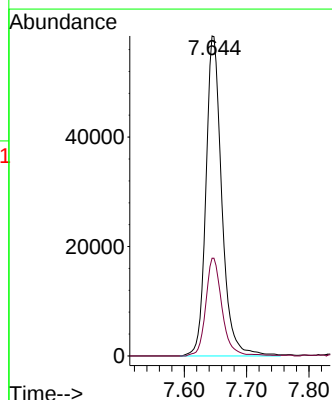
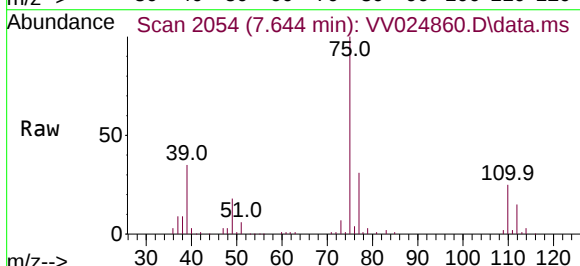
Acq: 08 Mar 2022 09:32

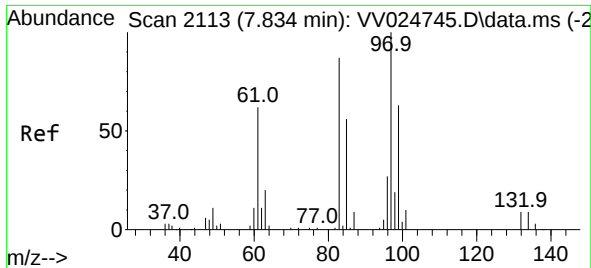
Tgt Ion: 75 Resp: 103658

Ion Ratio Lower Upper

75 100

77 30.5 23.5 43.7



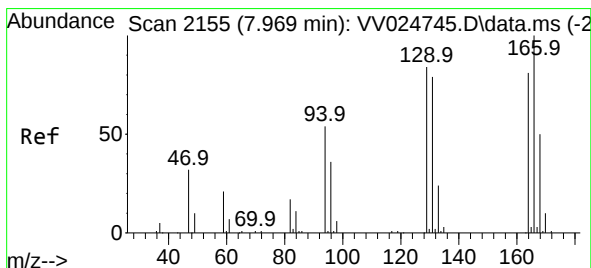
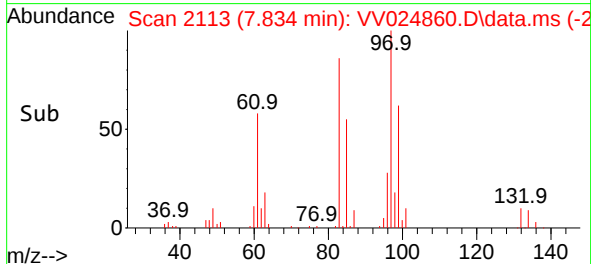
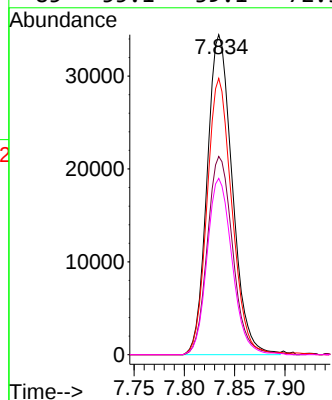
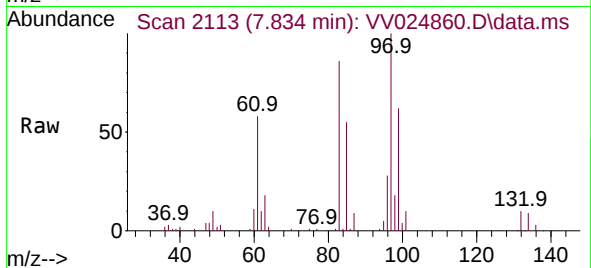


#45
1,1,2-Trichloroethane
Concen: 4.963 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VV024860.D
Acq: 08 Mar 2022 09:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 60173

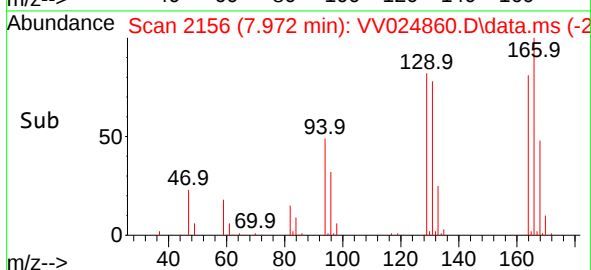
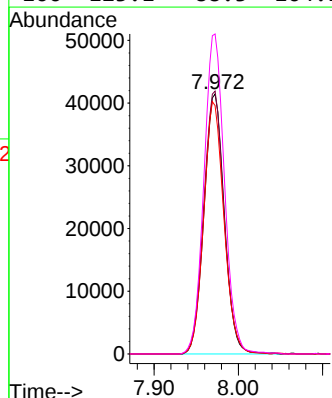
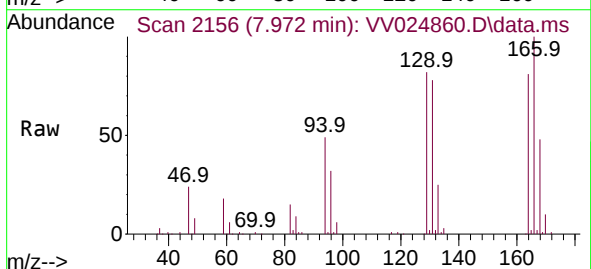
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.8	81.3
83	86.3	61.3	113.9
85	55.1	39.1	72.5

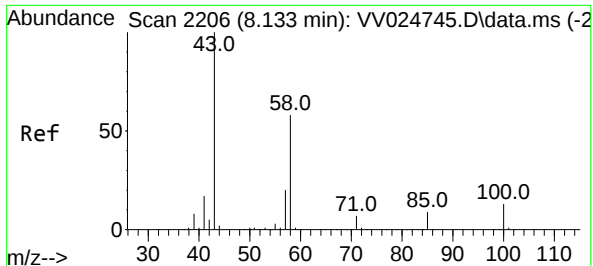


#47
Tetrachloroethene
Concen: 4.882 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV024860.D
Acq: 08 Mar 2022 09:32

Tgt Ion: 164 Resp: 69473

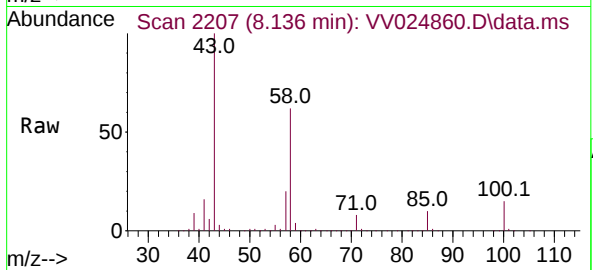
Ion	Ratio	Lower	Upper
164	100		
129	101.2	70.3	130.7
131	95.5	67.7	125.7
166	123.1	88.3	164.1



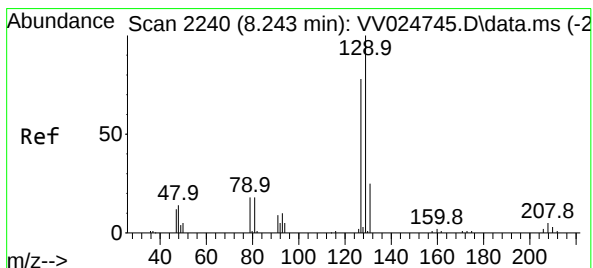
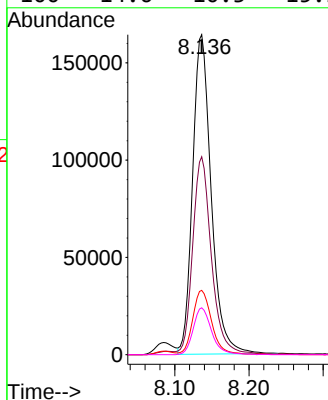
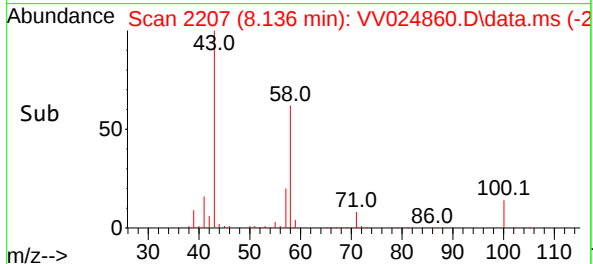


#48
2-Hexanone
Concen: 45.928 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024860.D
Acq: 08 Mar 2022 09:32

Instrument :
MSVOA_V
ClientSampleId :

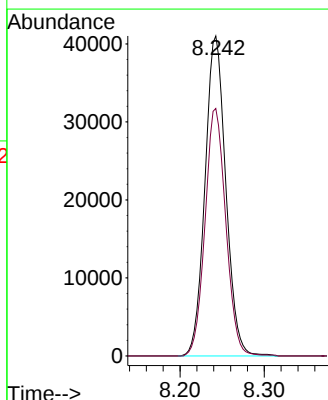
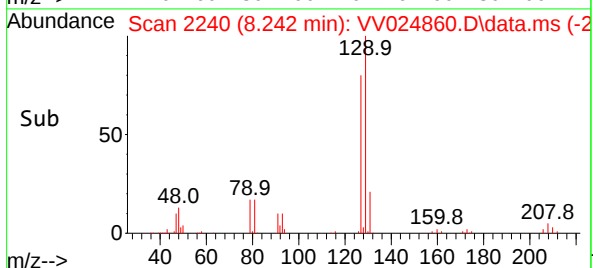
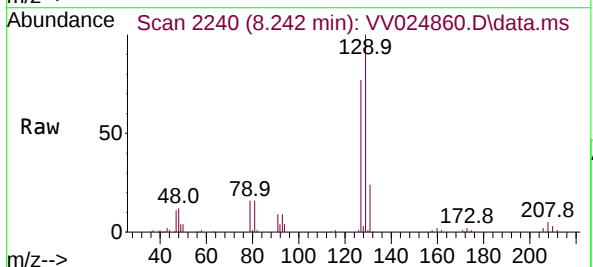


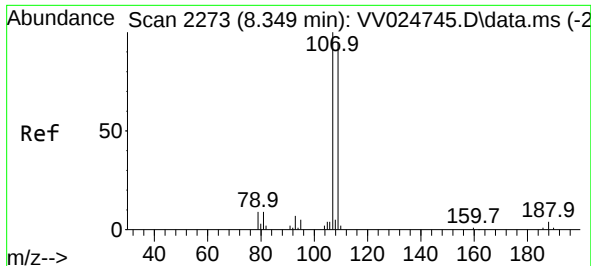
Tgt Ion: 43 Resp: 286279
Ion Ratio Lower Upper
43 100
58 62.3 46.0 69.0
57 20.2 15.7 23.5
100 14.6 10.3 15.5



#49
Dibromochloromethane
Concen: 5.242 ug/L
RT: 8.242 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV024860.D
Acq: 08 Mar 2022 09:32

Tgt Ion: 129 Resp: 70532
Ion Ratio Lower Upper
129 100
127 77.4 53.6 99.6





#50

1,2-Dibromoethane

Concen: 4.883 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV024860.D

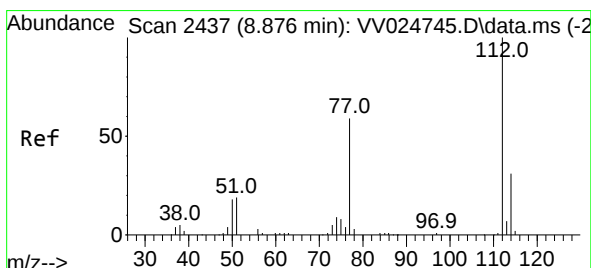
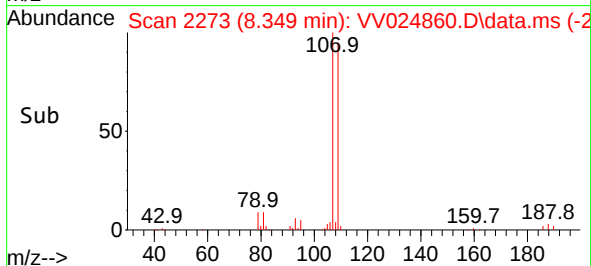
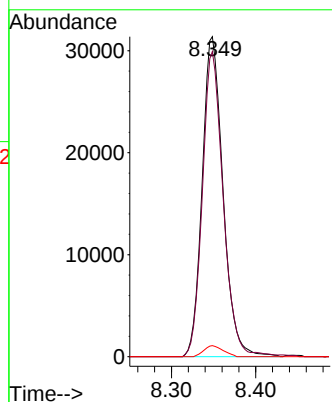
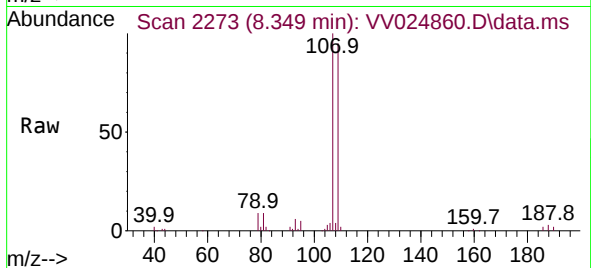
Acq: 08 Mar 2022 09:32

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	54018
Ion	Ratio	Lower	Upper
107	100		
109	95.3	65.6	121.8
188	3.4	2.6	3.8



#51

Chlorobenzene

Concen: 4.778 ug/L

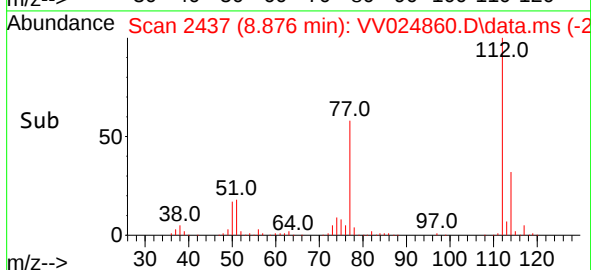
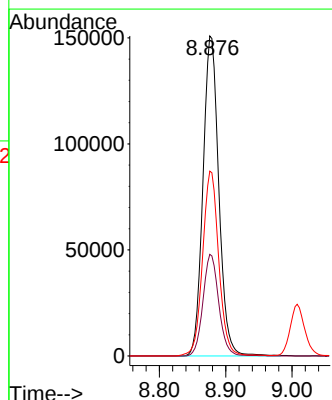
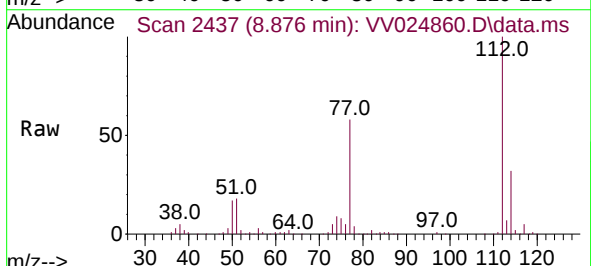
RT: 8.876 min Scan# 2437

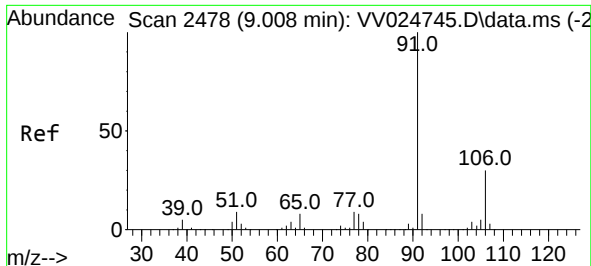
Delta R.T. -0.003 min

Lab File: VV024860.D

Acq: 08 Mar 2022 09:32

Tgt Ion:	112	Resp:	251037
Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.3	41.5
77	57.7	48.4	72.6





#52

Ethylbenzene

Concen: 4.784 ug/L

RT: 9.008 min Scan# 2478

Delta R.T. -0.000 min

Lab File: VV024860.D

Acq: 08 Mar 2022 09:32

Instrument :

MSVOA_V

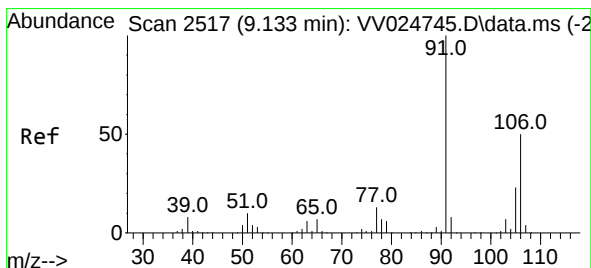
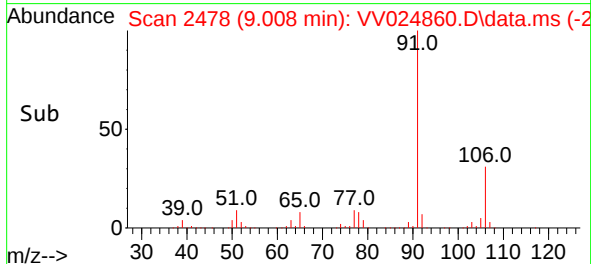
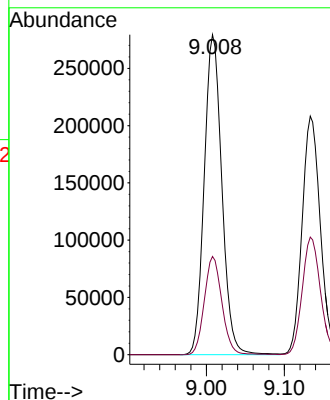
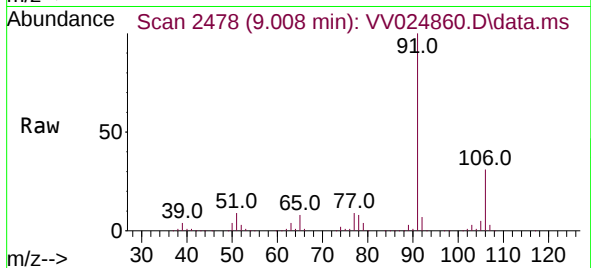
ClientSampleId :

Tgt Ion: 91 Resp: 438521

Ion Ratio Lower Upper

91 100

106 30.7 21.3 39.5



#53

m,p-xylene

Concen: 4.887 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. -0.000 min

Lab File: VV024860.D

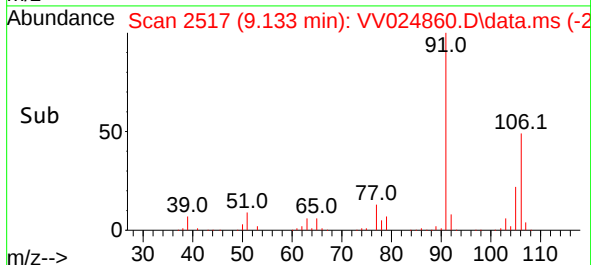
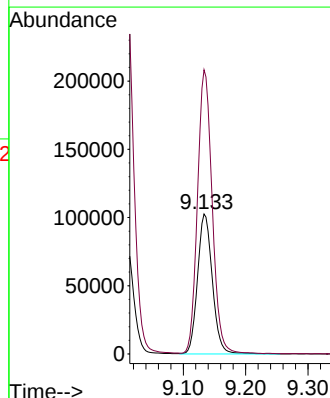
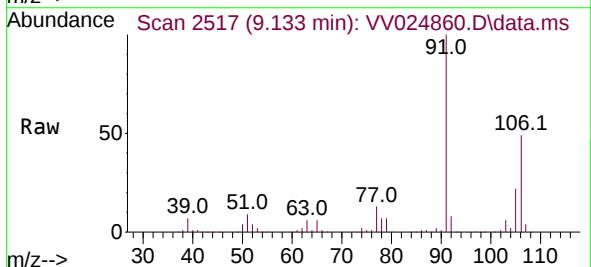
Acq: 08 Mar 2022 09:32

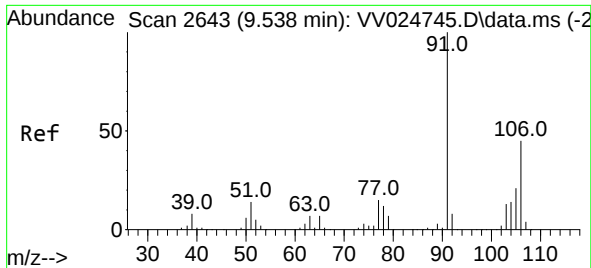
Tgt Ion:106 Resp: 169312

Ion Ratio Lower Upper

106 100

91 202.9 143.6 266.6

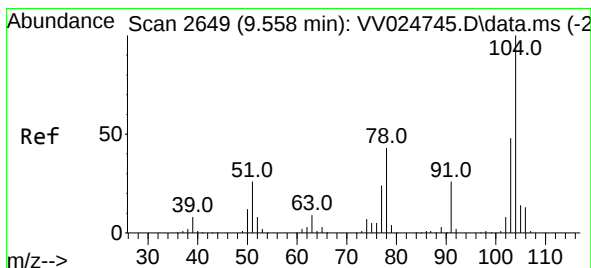
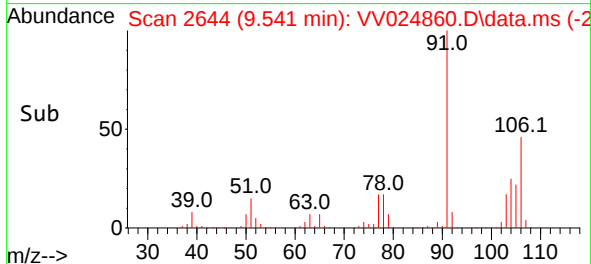
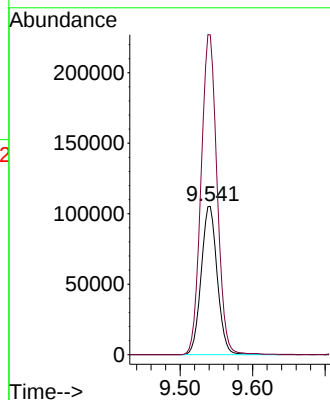
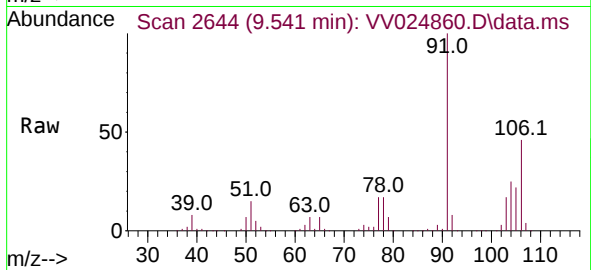




#54
o-xylene
Concen: 4.770 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. 0.003 min
Lab File: VV024860.D
Acq: 08 Mar 2022 09:32

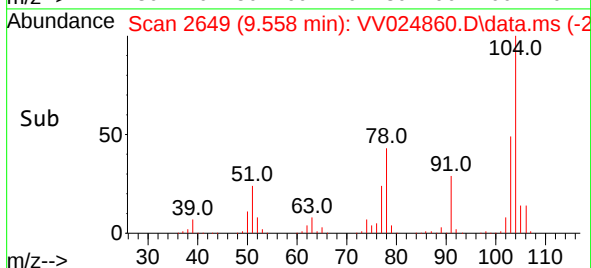
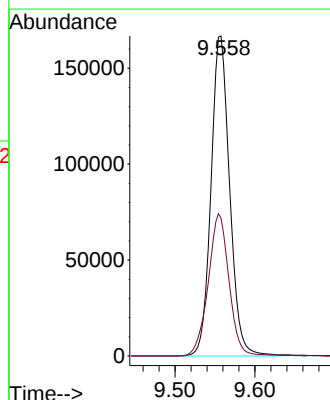
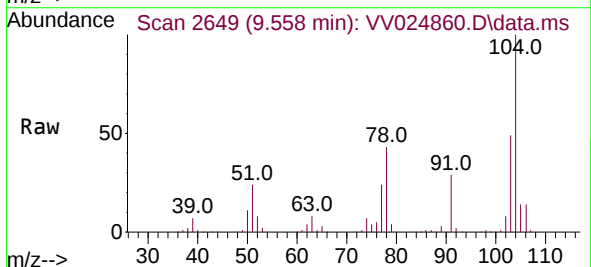
Instrument :
MSVOA_V
ClientSampleId :

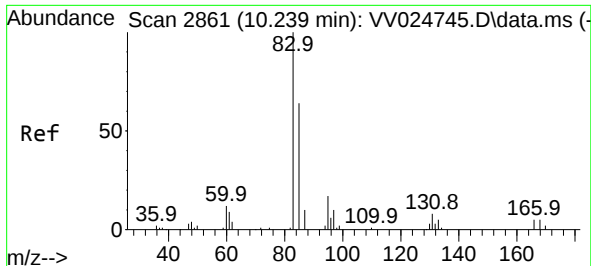
Tgt Ion:106 Resp: 161527
Ion Ratio Lower Upper
106 100
91 215.6 152.2 282.7



#55
Styrene
Concen: 4.911 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV024860.D
Acq: 08 Mar 2022 09:32

Tgt Ion:104 Resp: 270498
Ion Ratio Lower Upper
104 100
78 43.1 32.0 59.4

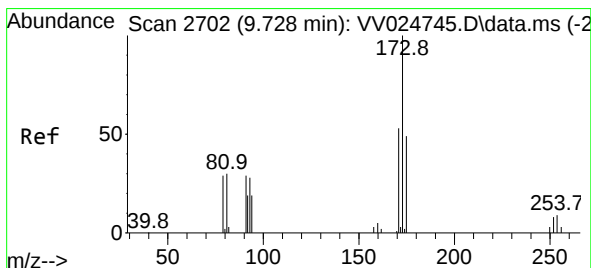
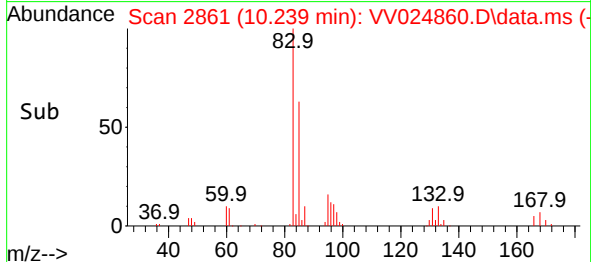
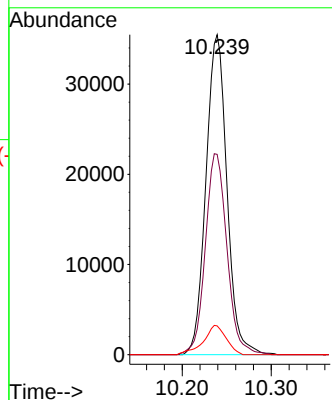
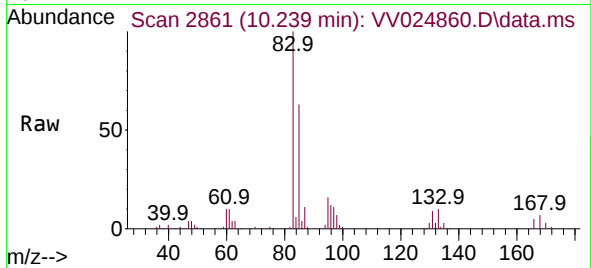




#57
1,1,2,2-Tetrachloroethane
Concen: 4.528 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV024860.D
Acq: 08 Mar 2022 09:32

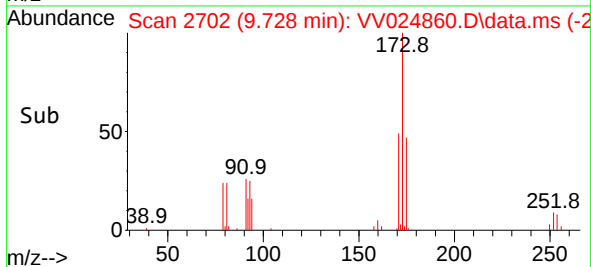
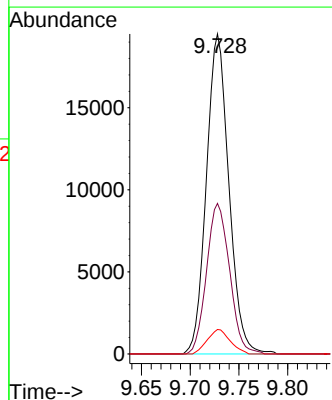
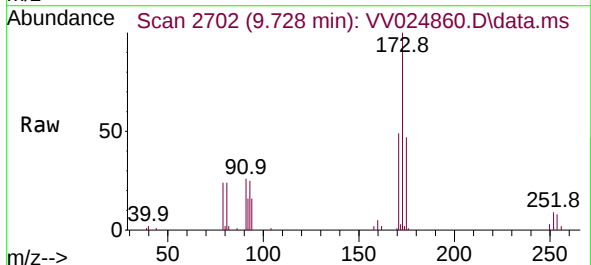
Instrument : MSVOA_V
ClientSampleId :

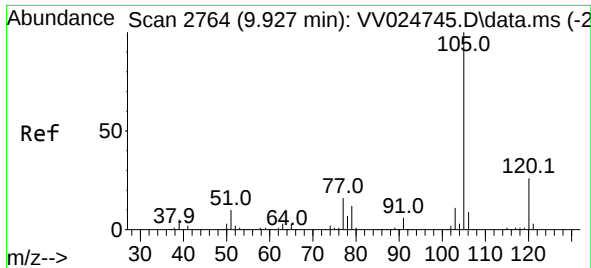
Tgt Ion: 83 Resp: 58066
Ion Ratio Lower Upper
83 100
85 62.6 43.9 81.5
131 9.0 7.0 10.4



#59
Bromoform
Concen: 5.657 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.000 min
Lab File: VV024860.D
Acq: 08 Mar 2022 09:32

Tgt Ion: 173 Resp: 31246
Ion Ratio Lower Upper
173 100
175 48.1 39.4 59.0
254 7.8 7.0 10.4

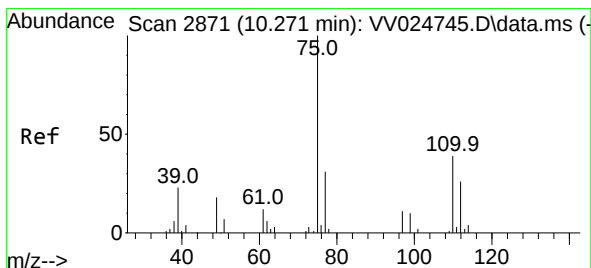
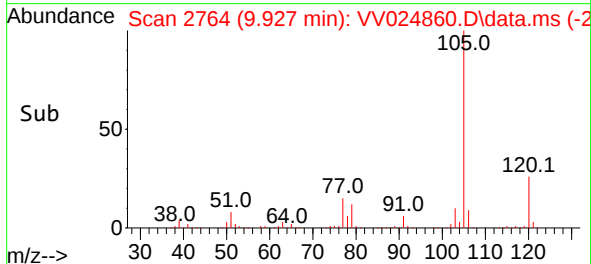
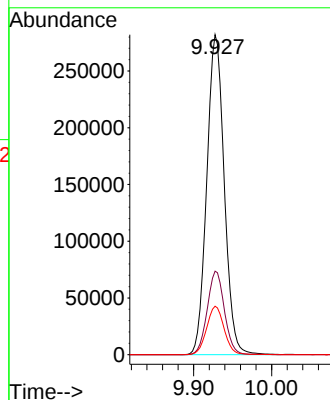
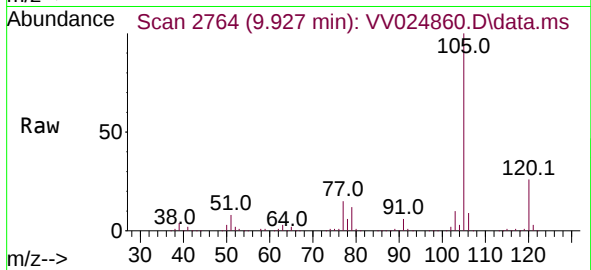




#60
Isopropylbenzene
Concen: 4.867 ug/L
RT: 9.927 min Scan# 2764
Delta R.T. -0.000 min
Lab File: VV024860.D
Acq: 08 Mar 2022 09:32

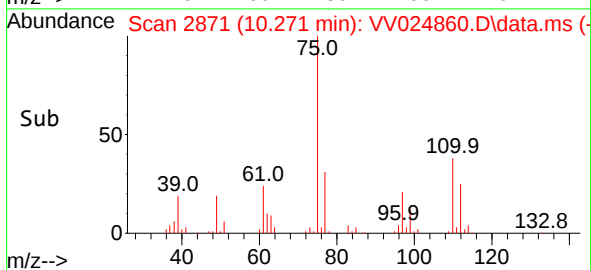
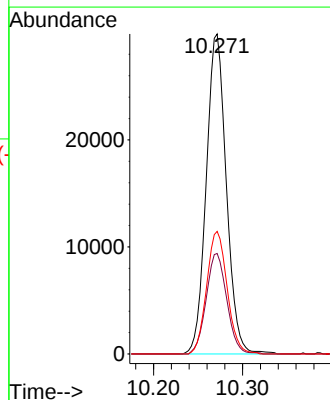
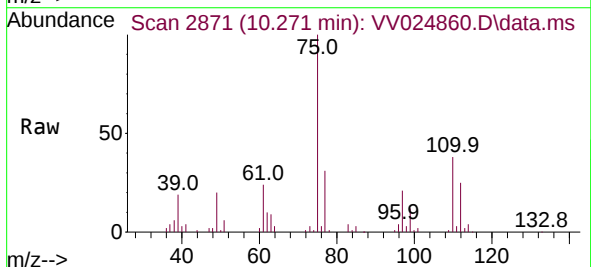
Instrument :
MSVOA_V
ClientSampleId :

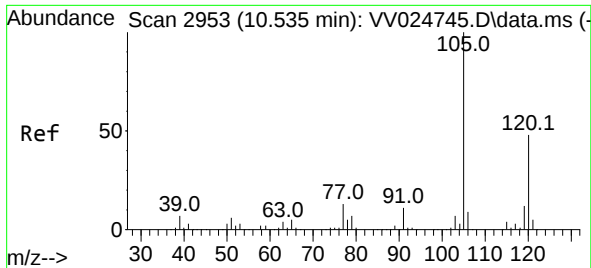
Tgt Ion:105 Resp: 439299
Ion Ratio Lower Upper
105 100
120 25.7 20.7 31.1
77 15.2 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 4.734 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV024860.D
Acq: 08 Mar 2022 09:32

Tgt Ion: 75 Resp: 46808
Ion Ratio Lower Upper
75 100
77 32.2 26.3 39.5
110 39.1 30.3 45.5





#62

1,3,5-Trimethylbenzene

Concen: 4.866 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. -0.000 min

Lab File: VV024860.D

Acq: 08 Mar 2022 09:32

Instrument :

MSVOA_V

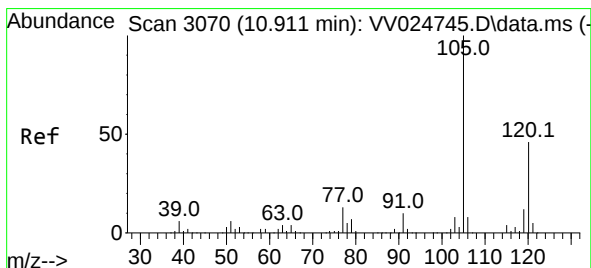
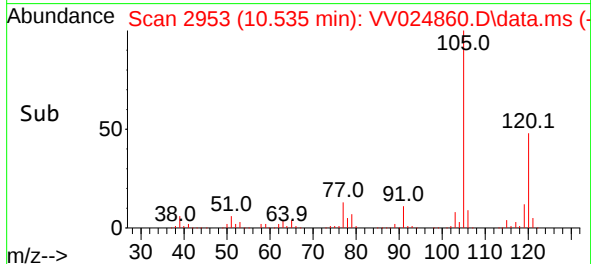
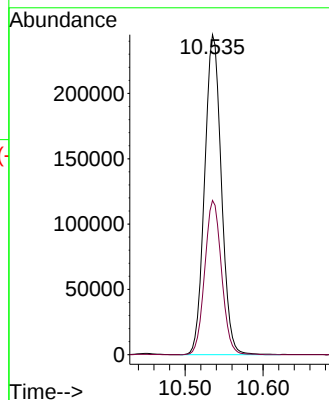
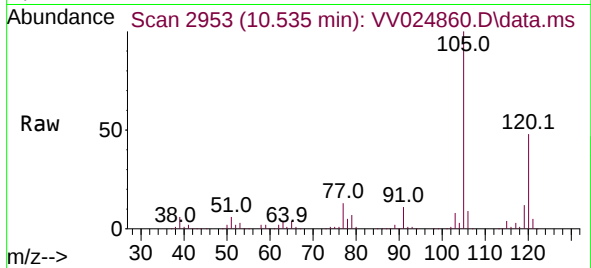
ClientSampleId :

Tgt Ion:105 Resp: 366075

Ion Ratio Lower Upper

105 100

120 48.4 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 4.926 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV024860.D

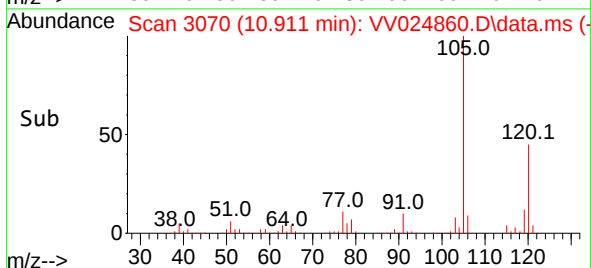
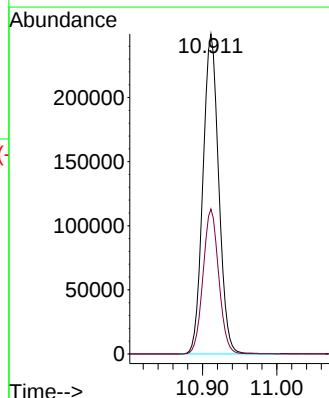
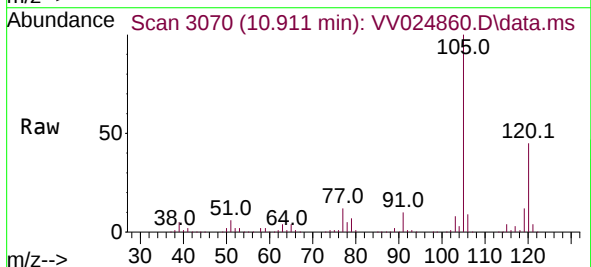
Acq: 08 Mar 2022 09:32

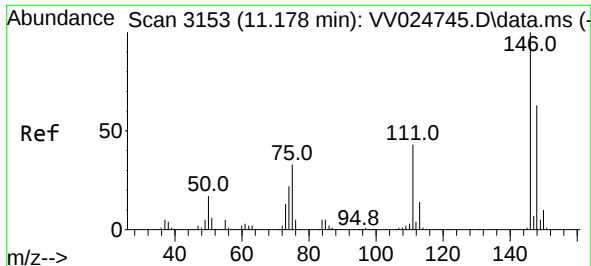
Tgt Ion:105 Resp: 367919

Ion Ratio Lower Upper

105 100

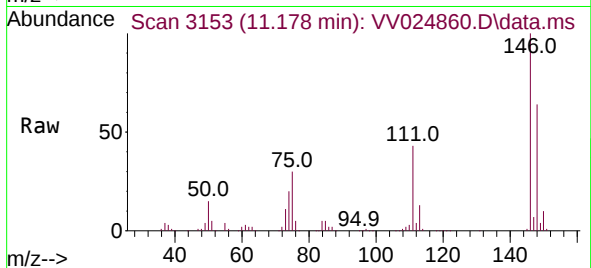
120 45.0 35.9 53.9



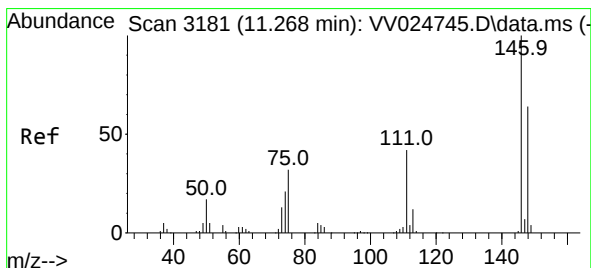
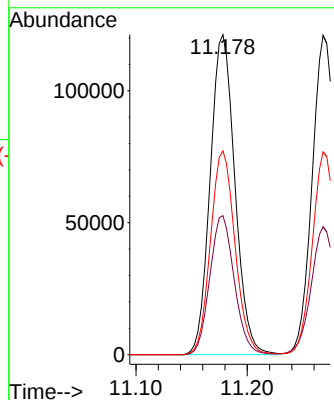
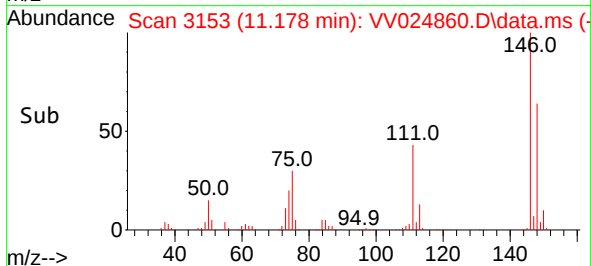


#64
1,3-Dichlorobenzene
Concen: 4.908 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024860.D
Acq: 08 Mar 2022 09:32

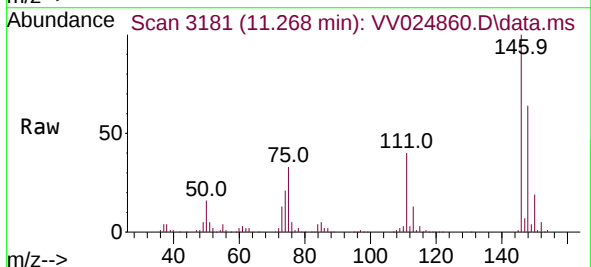
Instrument :
MSVOA_V
ClientSampleId :



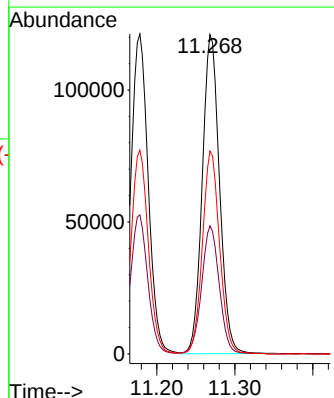
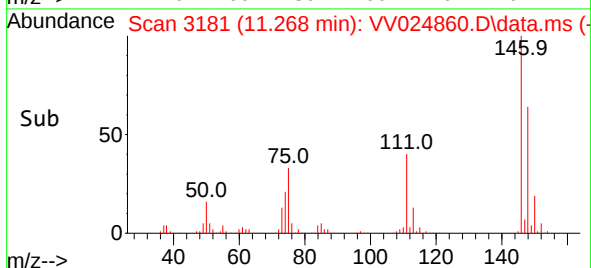
Tgt Ion:146 Resp: 186824
Ion Ratio Lower Upper
146 100
111 43.4 31.0 57.6
148 63.7 45.4 84.4

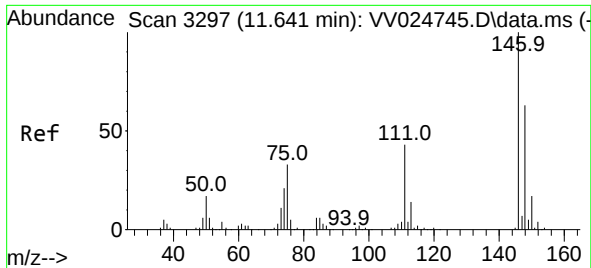


#65
1,4-Dichlorobenzene
Concen: 4.884 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.000 min
Lab File: VV024860.D
Acq: 08 Mar 2022 09:32



Tgt Ion:146 Resp: 185656
Ion Ratio Lower Upper
146 100
111 40.1 28.3 52.7
148 63.5 44.0 81.8

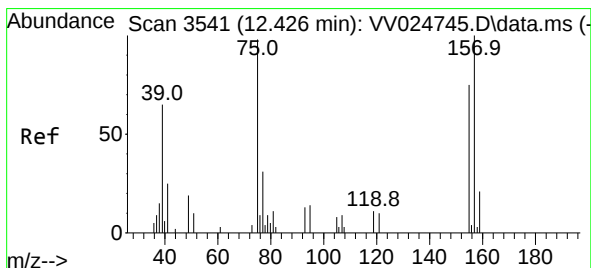
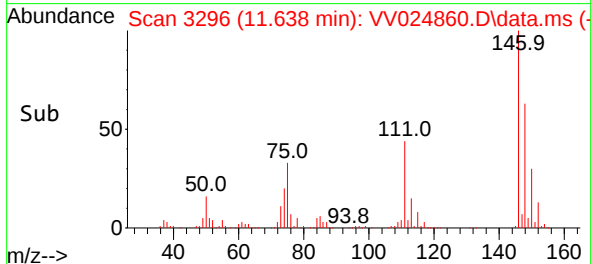
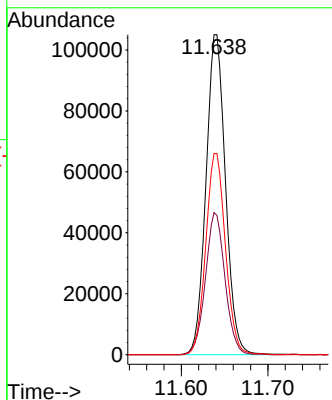
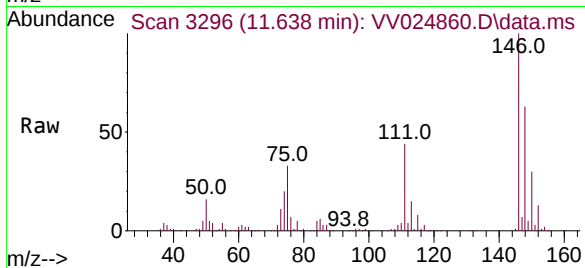




#67
1,2-Dichlorobenzene
Concen: 4.894 ug/L
RT: 11.638 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV024860.D
Acq: 08 Mar 2022 09:32

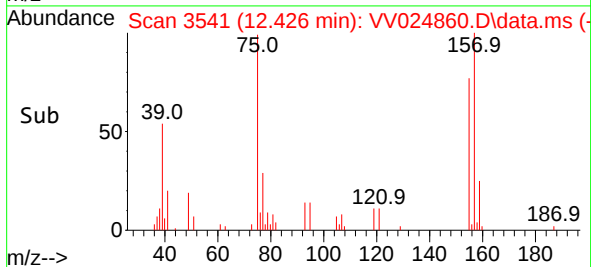
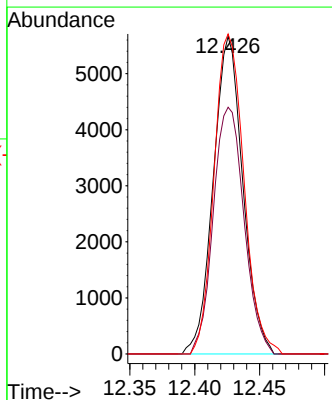
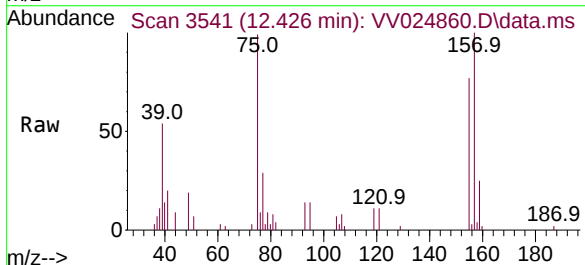
Instrument :
MSVOA_V
ClientSampleId :

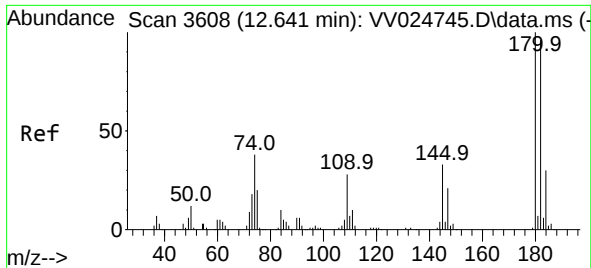
Tgt Ion:146 Resp: 164323
Ion Ratio Lower Upper
146 100
111 44.4 36.0 54.0
148 62.9 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 5.298 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV024860.D
Acq: 08 Mar 2022 09:32

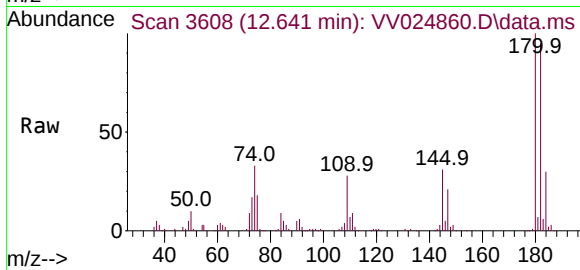
Tgt Ion: 75 Resp: 8957
Ion Ratio Lower Upper
75 100
155 77.7 61.7 92.5
157 100.7 73.5 110.3



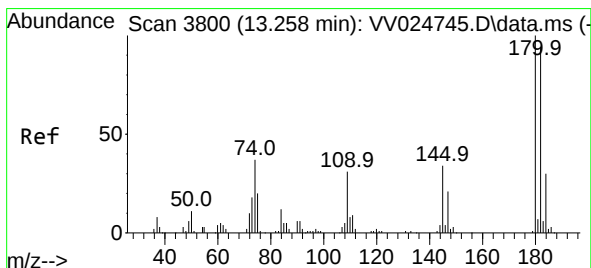
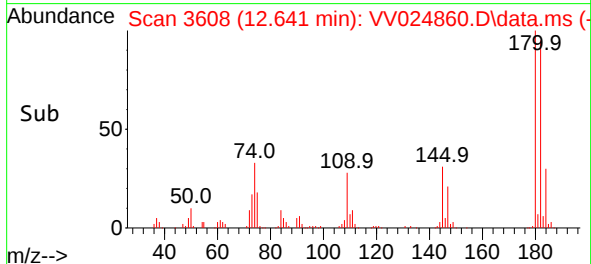
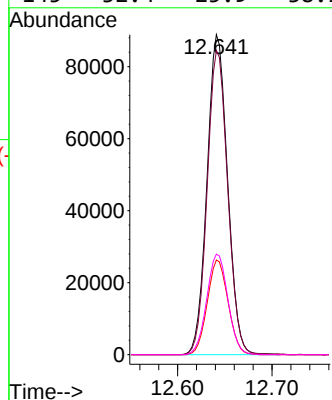


#69
 1,3,5-Trichlorobenzene
 Concen: 4.974 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. -0.000 min
 Lab File: VV024860.D
 Acq: 08 Mar 2022 09:32

Instrument :
 MSVOA_V
 ClientSampleId :

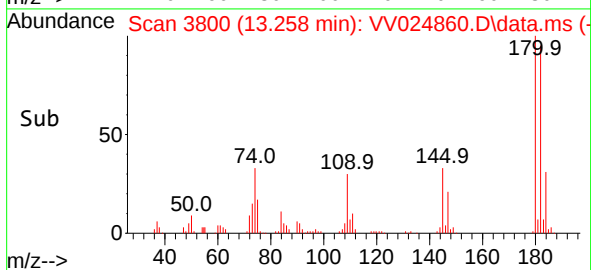
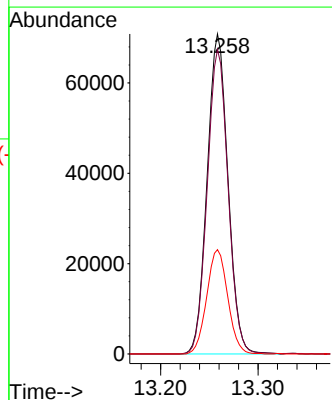
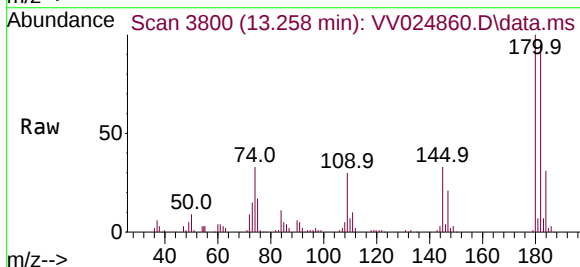


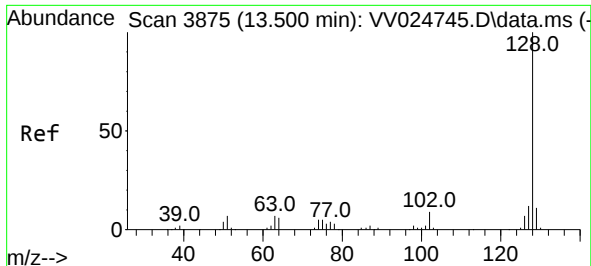
Tgt Ion:180 Resp: 134257
 Ion Ratio Lower Upper
 180 100
 182 94.9 74.6 111.8
 184 29.9 23.8 35.8
 145 32.4 25.9 38.9



#70
 1,2,4-trichlorobenzene
 Concen: 4.955 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV024860.D
 Acq: 08 Mar 2022 09:32

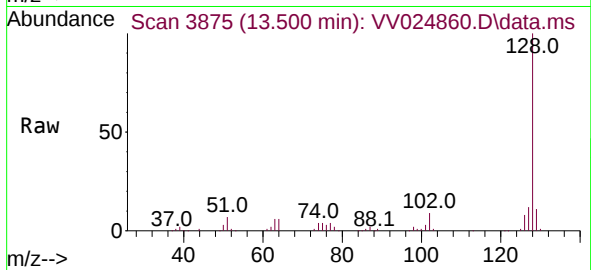
Tgt Ion:180 Resp: 105361
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.0 112.6
 145 32.9 26.9 40.3



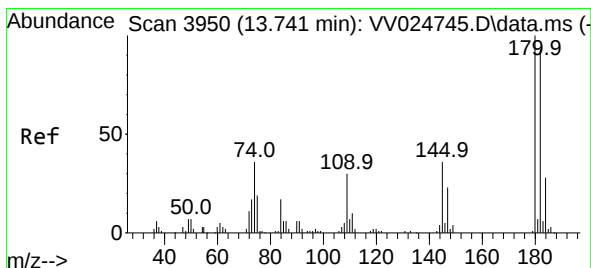
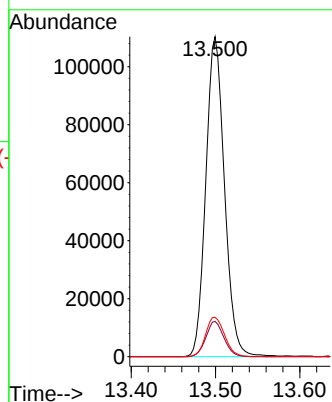
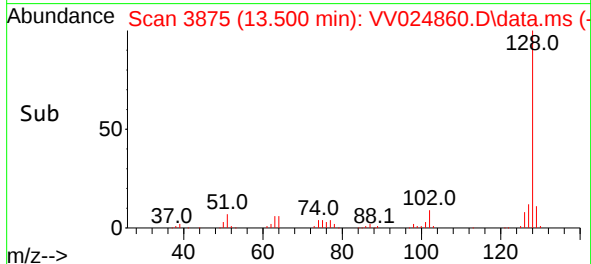


#71
Naphthalene
Concen: 4.710 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV024860.D
Acq: 08 Mar 2022 09:32

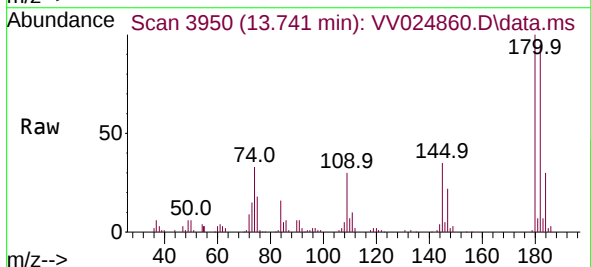
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 170323
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 12.6 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.913 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV024860.D
Acq: 08 Mar 2022 09:32



Tgt Ion:180 Resp: 87440
Ion Ratio Lower Upper
180 100
182 95.7 75.6 113.4
145 35.3 28.5 42.7

