

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030822\
 Data File : VW024877.D
 Acq On : 08 Mar 2022 17:00
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 09 05:05:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 09 05:01:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	176300	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	164973	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	78229	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	66079	4.419	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.568	69	57983	4.727	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.108	63	112061	4.089	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	3.908	46	126816	59.373	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.740%
24) Chloroform-d	4.349	84	129989	5.571	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.400%
26) 1,2-Dichloroethane-d4	5.034	65	56425	5.425	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	5.050	84	265147	5.571	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.400%
36) 1,2-Dichloropropane-d6	6.069	67	79479	5.675	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.400%
41) Toluene-d8	7.313	98	232188	5.369	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
43) trans-1,3-Dichloroprop...	7.622	79	27011	5.789	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	115.800%
46) 2-Hexanone-d5	8.088	63	105712	57.579	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.160%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46598	5.520	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	73242	5.411	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	61823	3.596	ug/L	100
3) Chloromethane	1.240	50	64422	3.752	ug/L	99
5) Vinyl chloride	1.311	62	71445	3.790	ug/L	98
6) Bromomethane	1.523	94	43361	3.851	ug/L	98
8) Chloroethane	1.584	64	43588	3.754	ug/L	97
9) Trichlorofluoromethane	1.754	101	93322	3.771	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	45699	3.180	ug/L	98
12) 1,1-Dichloroethene	2.118	96	52395	3.816	ug/L	90
13) Acetone	2.204	43	64459	42.794	ug/L	65
14) Carbon disulfide	2.294	76	155939	4.047	ug/L	99
15) Methyl Acetate	2.449	43	17094	4.335	ug/L	95
16) Methylene chloride	2.507	84	66772	4.939	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	123378	4.571	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	58831	4.387	ug/L	99
19) 1,1-Dichloroethane	3.191	63	112794	4.594	ug/L	99
21) 2-Butanone	3.992	43	102226	43.917	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	65392	4.613	ug/L	94
23) Bromochloromethane	4.249	128	26726	4.878	ug/L	86
25) Chloroform	4.375	83	118239	4.610	ug/L	100

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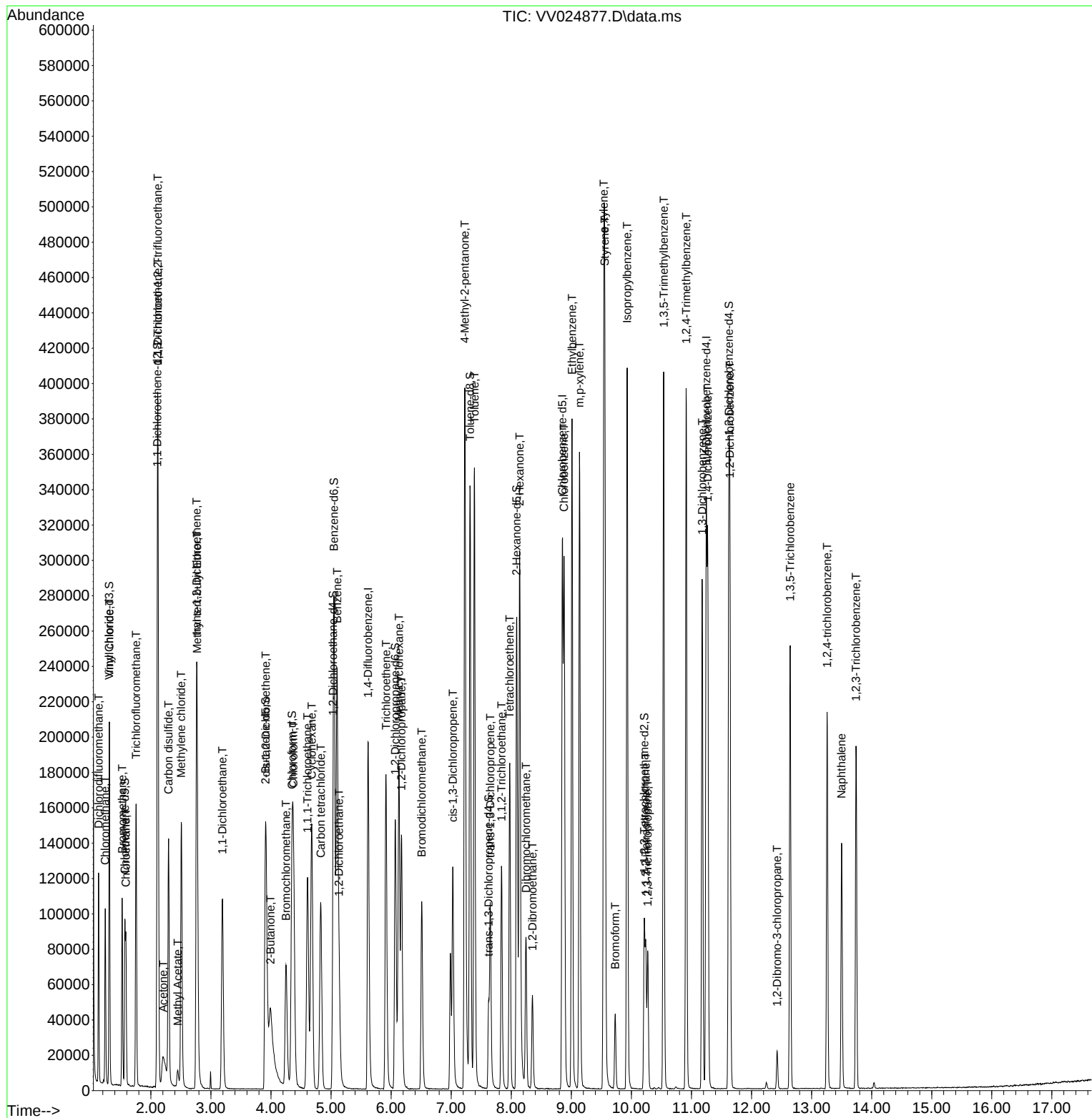
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	59014	4.311	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	98375	4.443	ug/L	97
30) Cyclohexane	4.677	56	85296	3.798	ug/L	97
31) Carbon tetrachloride	4.828	117	81230	4.364	ug/L	99
33) Benzene	5.101	78	249951	4.475	ug/L	100
34) Trichloroethene	5.915	95	64950	4.390	ug/L	94
35) Methylcyclohexane	6.130	83	80920	3.385	ug/L	98
37) 1,2-Dichloropropane	6.172	63	59674	4.522	ug/L	99
38) Bromodichloromethane	6.510	83	76618	4.612	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	82976	4.533	ug/L	96
40) 4-Methyl-2-pentanone	7.227	43	275232	43.845	ug/L	96
42) Toluene	7.387	91	260257	4.377	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	64619	4.418	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	40428	4.709	ug/L	97
47) Tetrachloroethene	7.976	164	39792	3.949	ug/L	97
48) 2-Hexanone	8.140	43	196465	44.514	ug/L	96
49) Dibromochloromethane	8.246	129	43250	4.540	ug/L	99
50) 1,2-Dibromoethane	8.352	107	36665	4.680	ug/L	98
51) Chlorobenzene	8.879	112	162995	4.381	ug/L	98
52) Ethylbenzene	9.011	91	272914	4.205	ug/L	99
53) m,p-xylene	9.137	106	104575	4.262	ug/L	95
54) o-xylene	9.542	106	102917	4.293	ug/L	99
55) Styrene	9.558	104	172083	4.413	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	40435	4.453	ug/L	98
59) Bromoform	9.731	173	18254	4.610	ug/L	99
60) Isopropylbenzene	9.931	105	269315	4.162	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	32195	4.541	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	219208	4.064	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	217261	4.058	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	114108	4.181	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	113362	4.159	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	106019	4.404	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5757	4.749	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	72013	3.721	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	59417	3.897	ug/L	99
71) Naphthalene	13.500	128	108605	4.189	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	53680	4.207	ug/L	99

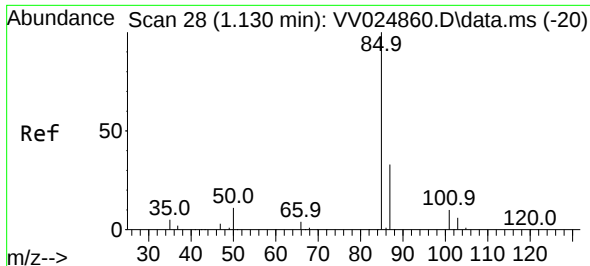
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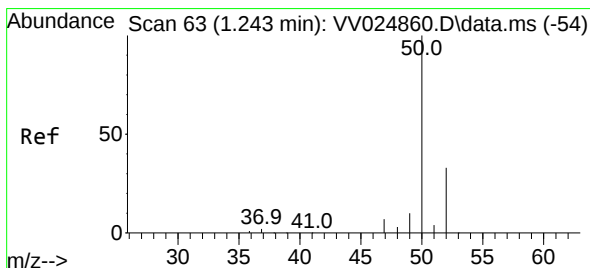
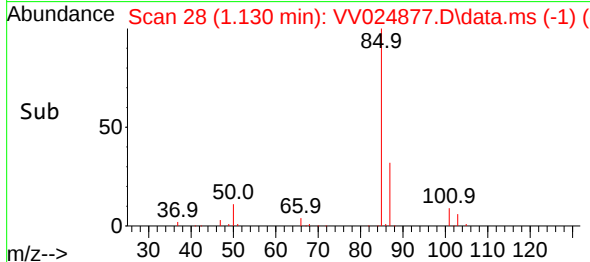
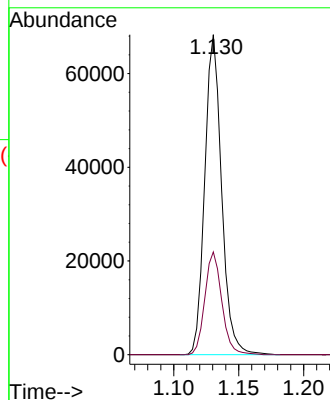
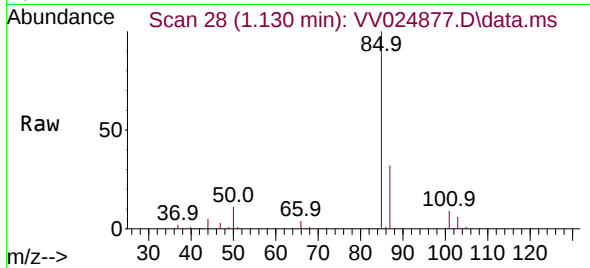




#2
 Dichlorodifluoromethane
 Concen: 3.596 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV024877.D
 Acq: 08 Mar 2022 17:00

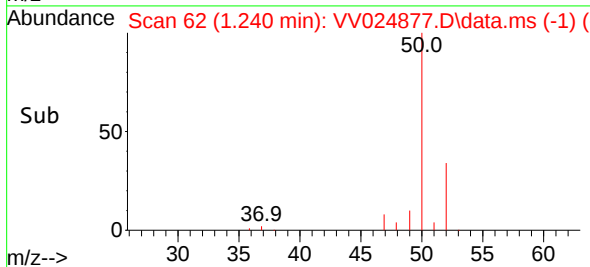
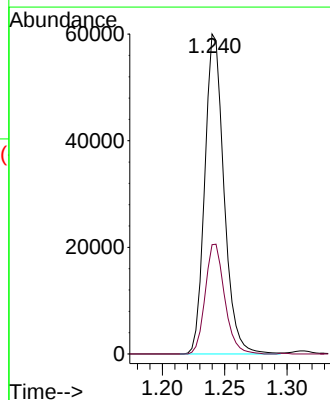
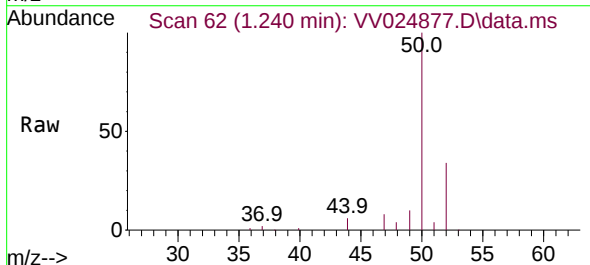
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 MSVOA_V
 ClientSampleId :

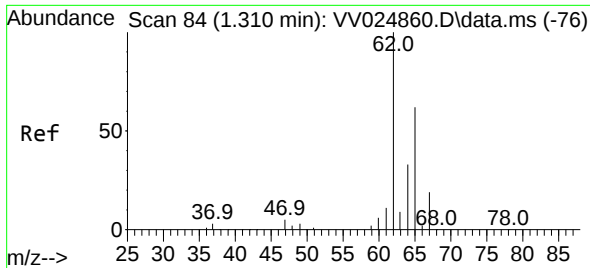
Tgt Ion: 85 Resp: 61823
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.9 38.9



#3
 Chloromethane
 Concen: 3.752 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV024877.D
 Acq: 08 Mar 2022 17:00

Tgt Ion: 50 Resp: 64422
 Ion Ratio Lower Upper
 50 100
 52 34.1 23.3 43.3

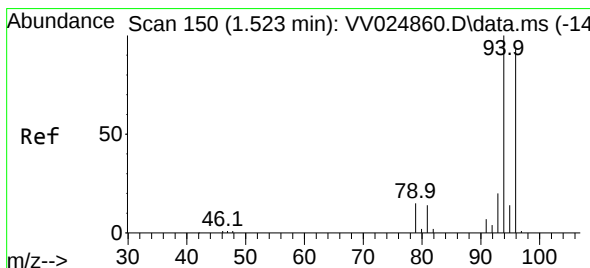
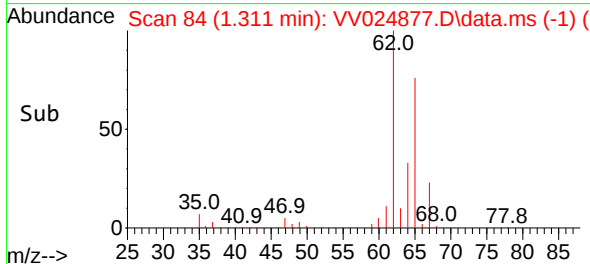
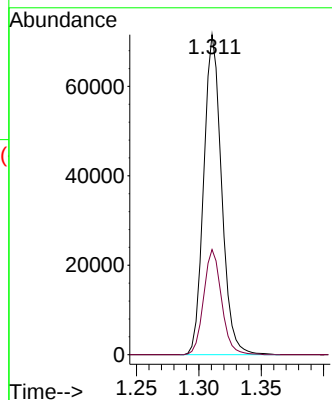
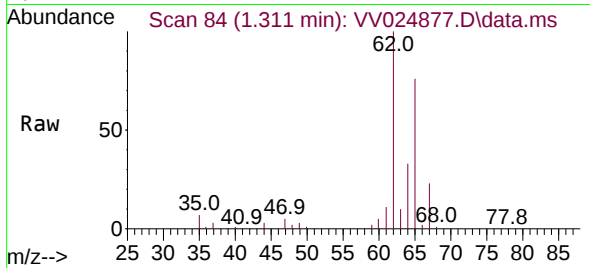




#5
 Vinyl chloride
 Concen: 3.790 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024877.D
 Acq: 08 Mar 2022 17:00

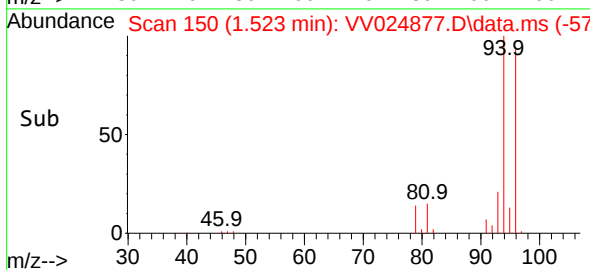
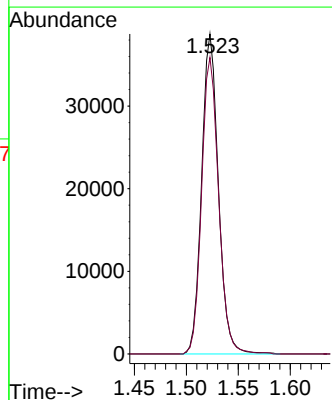
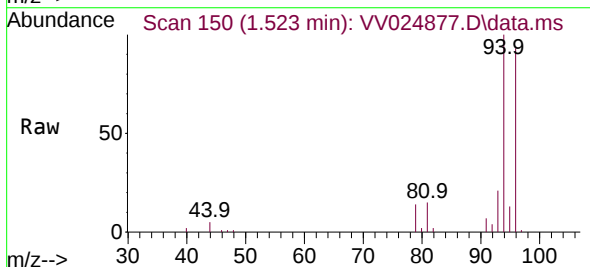
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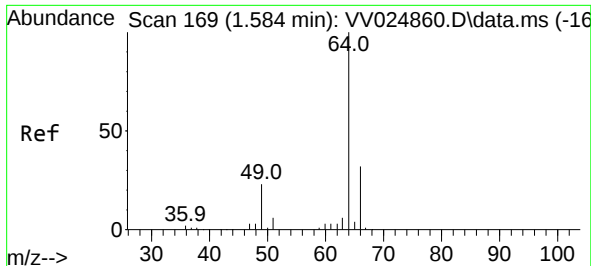
Tgt Ion: 62 Resp: 71445
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.2 41.2



#6
 Bromomethane
 Concen: 3.851 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV024877.D
 Acq: 08 Mar 2022 17:00

Tgt Ion: 94 Resp: 43361
 Ion Ratio Lower Upper
 94 100
 96 92.7 66.5 123.5

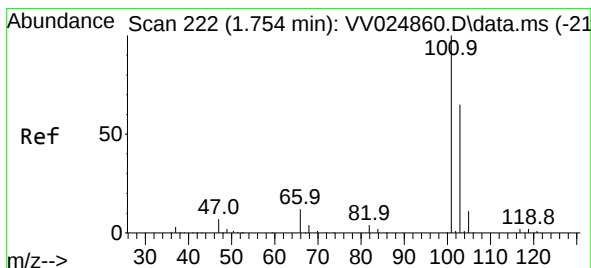
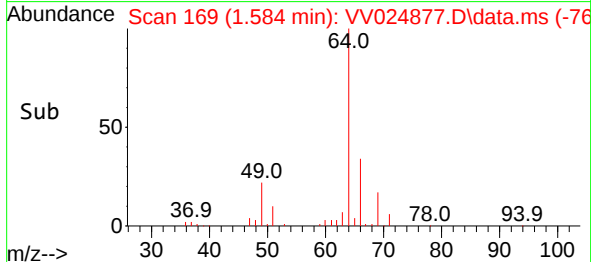
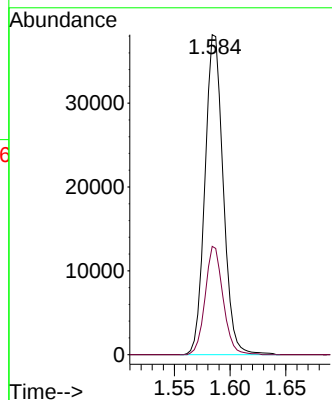
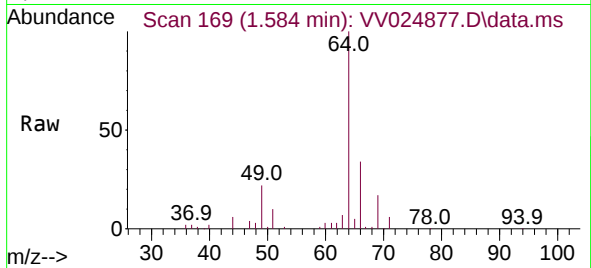




#8
Chloroethane
Concen: 3.754 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV024877.D
Acq: 08 Mar 2022 17:00

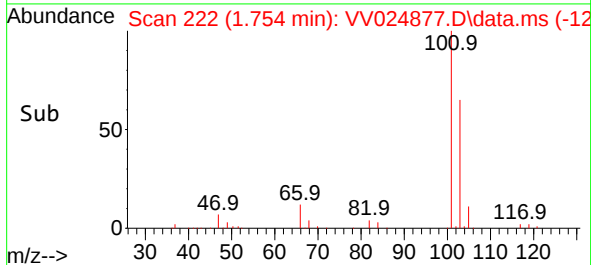
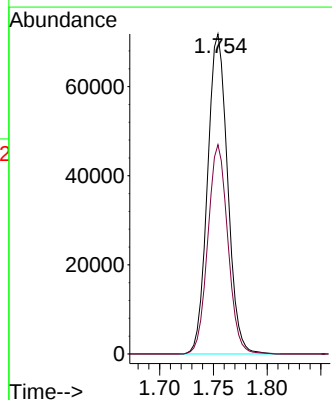
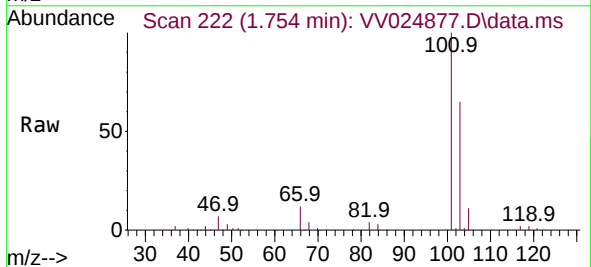
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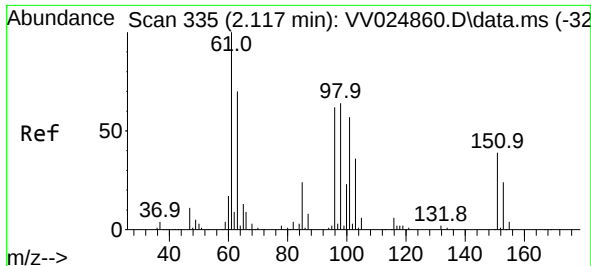
Tgt Ion: 64 Resp: 43588
Ion Ratio Lower Upper
64 100
66 33.9 22.5 41.9



#9
Trichlorofluoromethane
Concen: 3.771 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024877.D
Acq: 08 Mar 2022 17:00

Tgt Ion:101 Resp: 93322
Ion Ratio Lower Upper
101 100
103 65.2 50.7 76.1

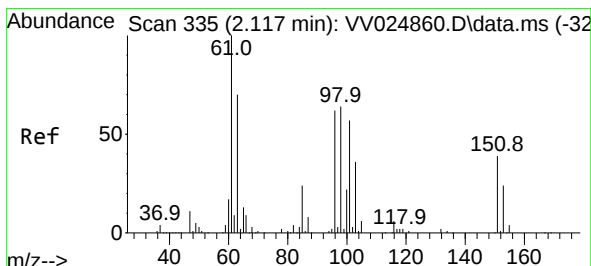
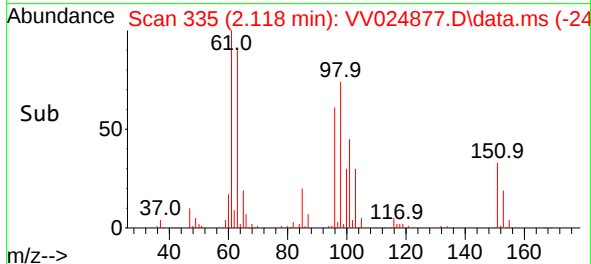
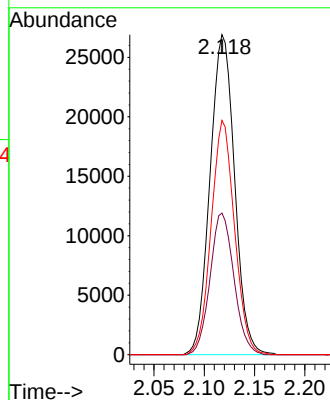
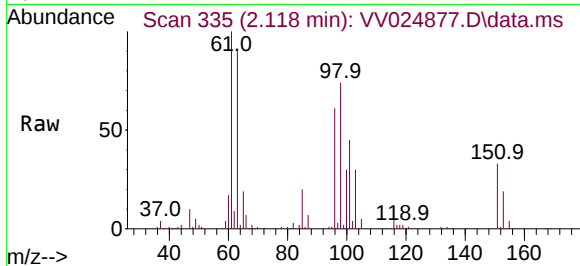




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.180 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV024877.D
 Acq: 08 Mar 2022 17:00

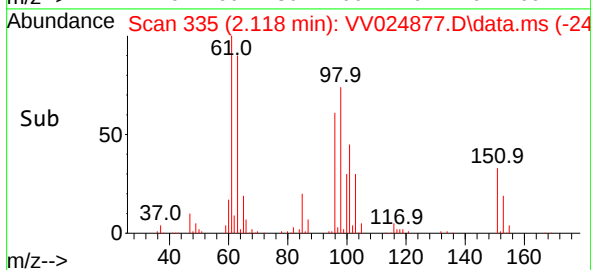
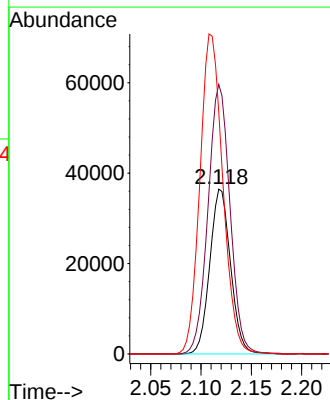
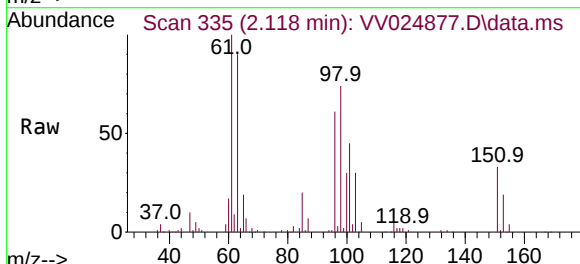
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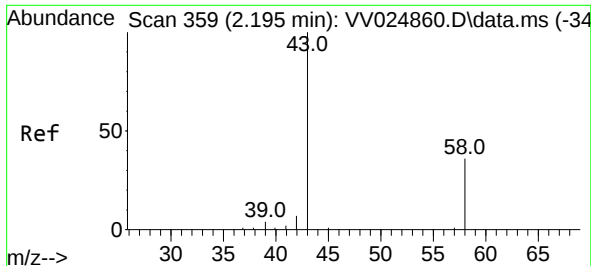
Tgt Ion:101 Resp: 45699
 Ion Ratio Lower Upper
 101 100
 85 43.0 34.7 52.1
 151 69.9 53.5 80.3



#12
 1,1-Dichloroethene
 Concen: 3.816 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV024877.D
 Acq: 08 Mar 2022 17:00

Tgt Ion: 96 Resp: 52395
 Ion Ratio Lower Upper
 96 100
 61 163.6 116.3 216.1
 63 146.9 86.0 159.6





#13

Acetone

Concen: 42.794 ug/L

RT: 2.204 min Scan# 3

Delta R.T. 0.010 min

Lab File: VV024877.D

Acq: 08 Mar 2022 17:00

Instrument :

MSVOA_V

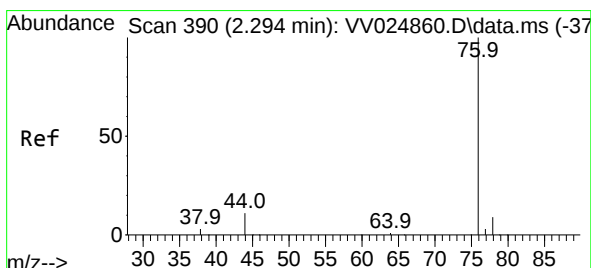
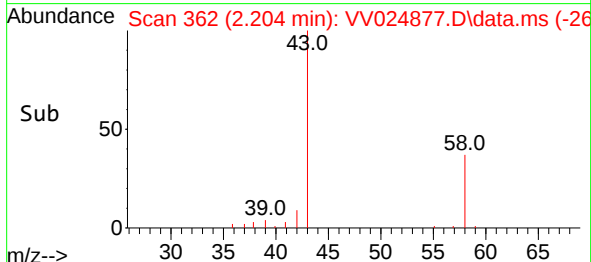
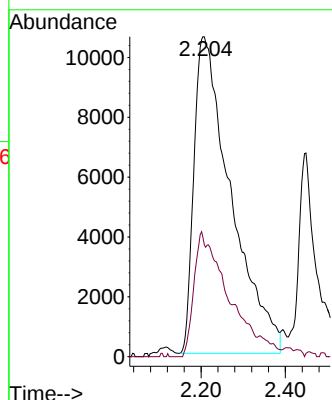
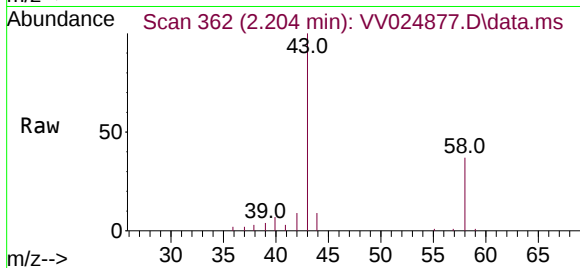
ClientSampleId :

Tgt Ion: 43 Resp: 64459

Ion Ratio Lower Upper

43 100

58 12.2 0.0 63.6



#14

Carbon disulfide

Concen: 4.047 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV024877.D

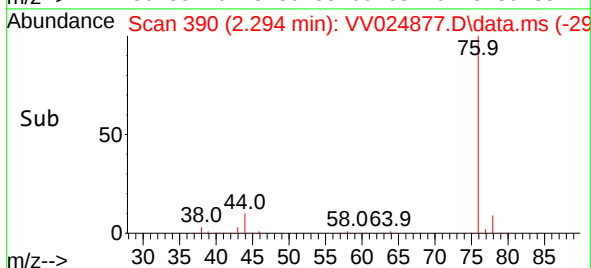
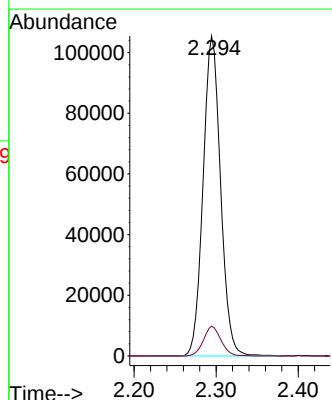
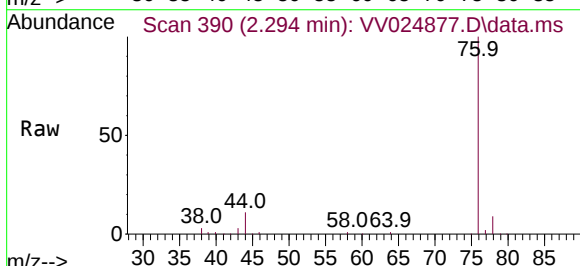
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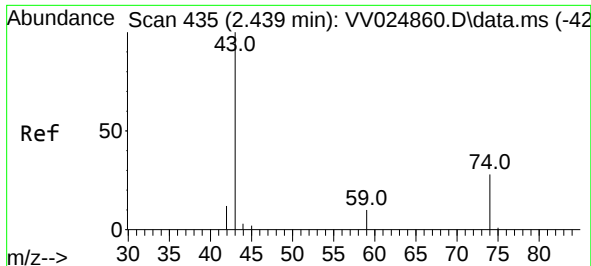
Tgt Ion: 76 Resp: 155939

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9





#15

Methyl Acetate

Concen: 4.335 ug/L

RT: 2.449 min Scan# 435

Delta R.T. 0.010 min

Lab File: VV024877.D

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MSVOA_V

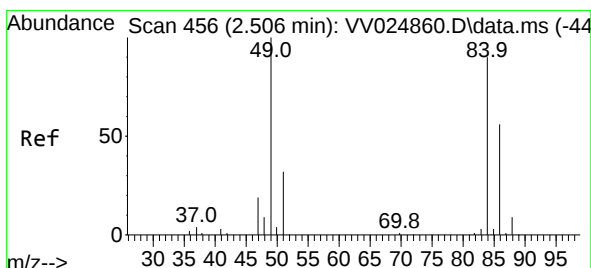
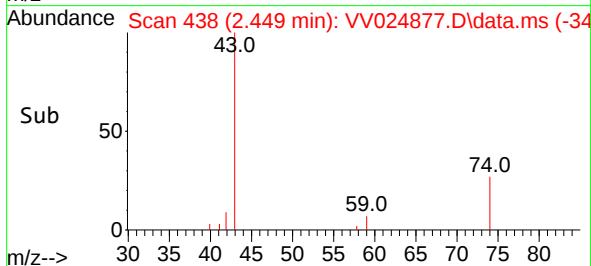
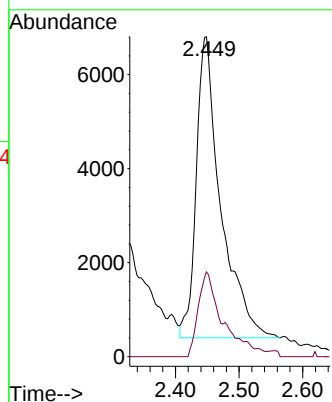
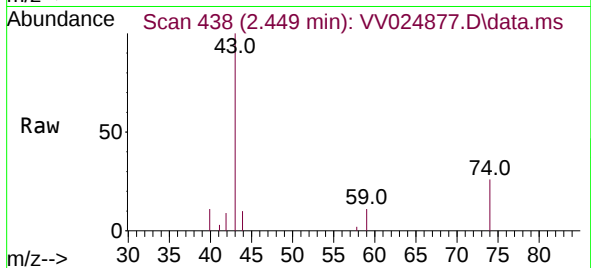
ClientSampleId :

Tgt Ion: 43 Resp: 17094

Ion Ratio Lower Upper

43 100

74 28.5 20.8 31.2



#16

Methylene chloride

Concen: 4.939 ug/L

RT: 2.507 min Scan# 456

Delta R.T. 0.000 min

Lab File: VV024877.D

Acq: 08 Mar 2022 17:00

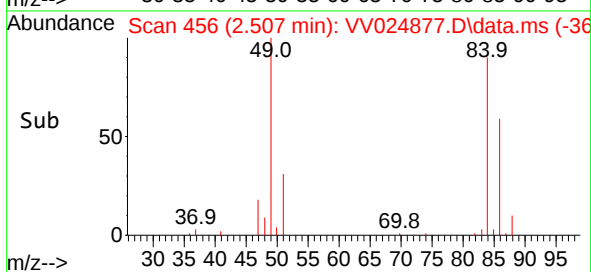
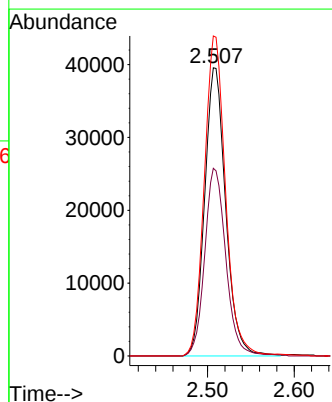
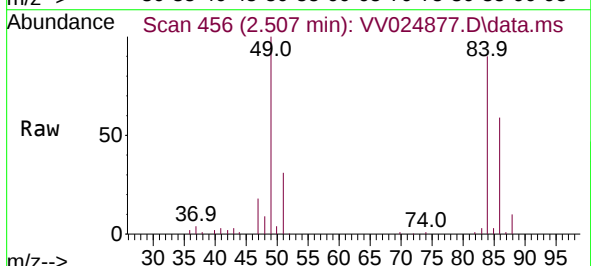
Tgt Ion: 84 Resp: 66772

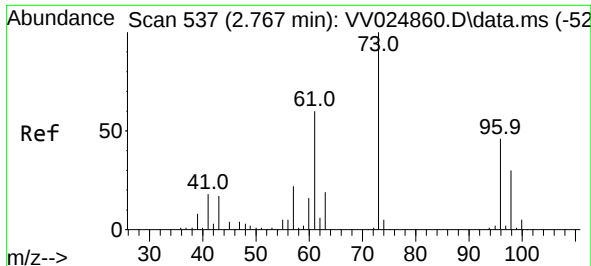
Ion Ratio Lower Upper

84 100

86 65.1 45.1 83.7

49 111.1 83.5 155.1

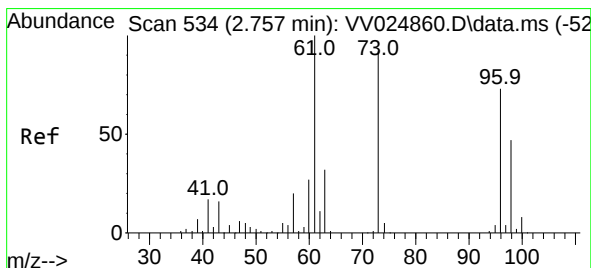
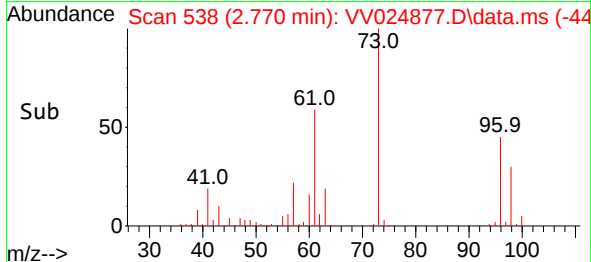
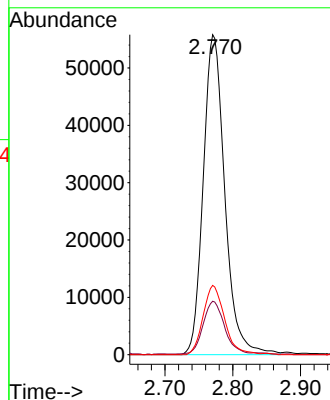
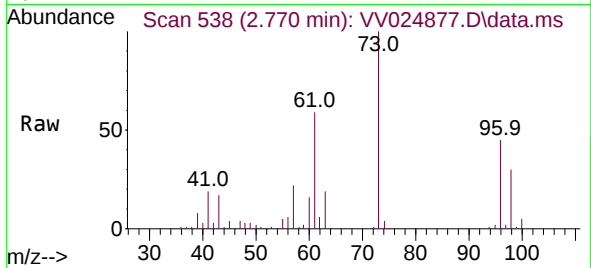




#17
Methyl tert-butyl Ether
Concen: 4.571 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024877.D
Acq: 08 Mar 2022 17:00

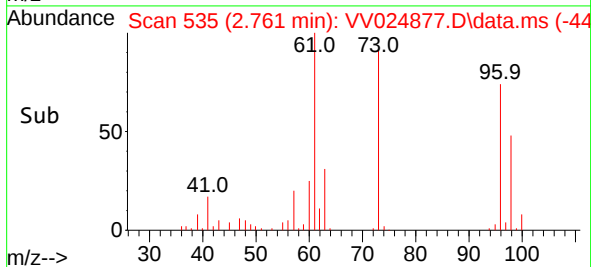
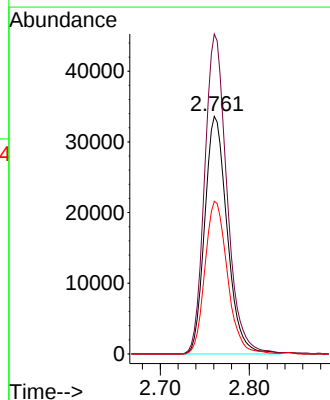
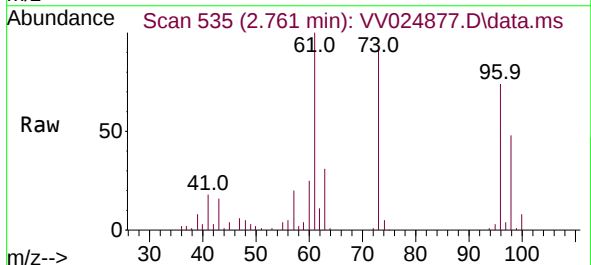
Instrument :
MSVOA_V
ClientSampleId :

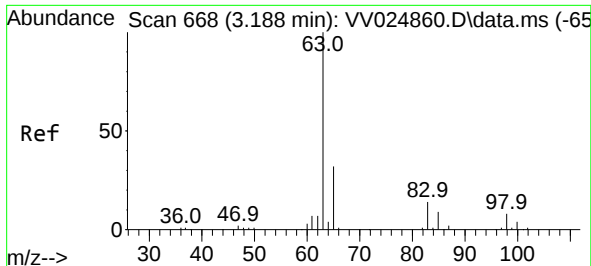
Tgt Ion: 73 Resp: 123378
Ion Ratio Lower Upper
73 100
43 16.3 15.1 22.7
57 21.5 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 4.387 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV024877.D
Acq: 08 Mar 2022 17:00

Tgt Ion: 96 Resp: 58831
Ion Ratio Lower Upper
96 100
61 134.7 92.9 172.5
98 64.3 44.5 82.7





#19

1,1-Dichloroethane

Concen: 4.594 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.003 min

Lab File: VV024877.D

Acq: 08 Mar 2022 17:00

Instrument :

MSVOA_V

ClientSampleId :

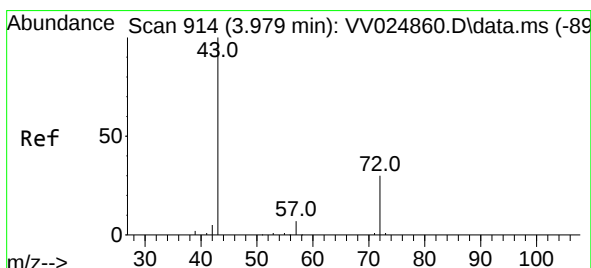
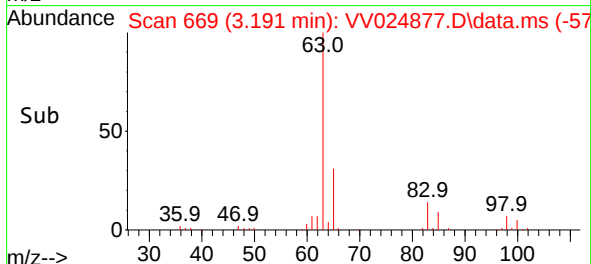
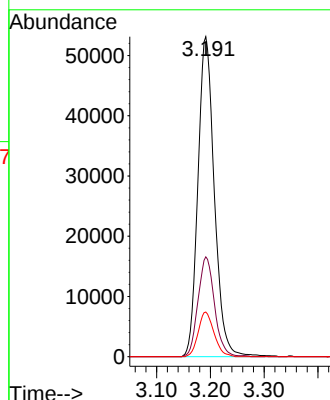
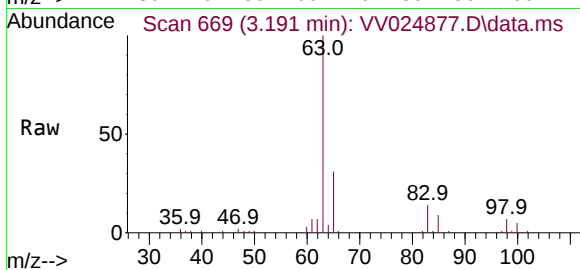
Tgt Ion: 63 Resp: 112794

Ion Ratio Lower Upper

63 100

65 31.2 22.0 40.8

83 13.9 9.5 17.7



#21

2-Butanone

Concen: 43.917 ug/L

RT: 3.992 min Scan# 918

Delta R.T. 0.013 min

Lab File: VV024877.D

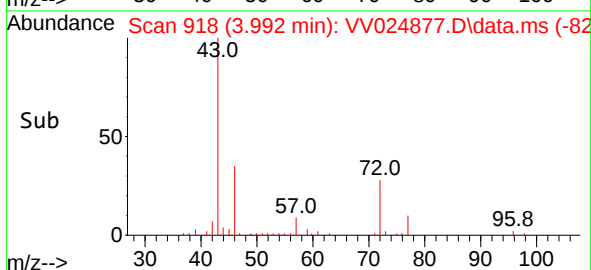
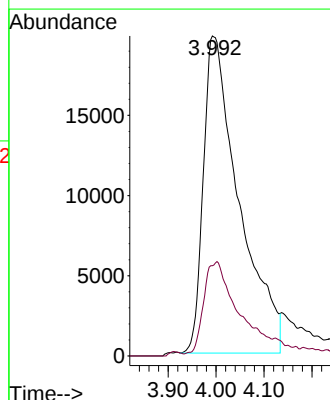
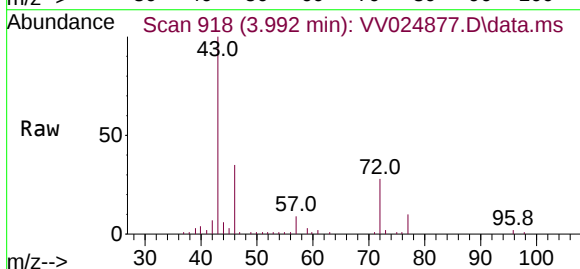
Acq: 08 Mar 2022 17:00

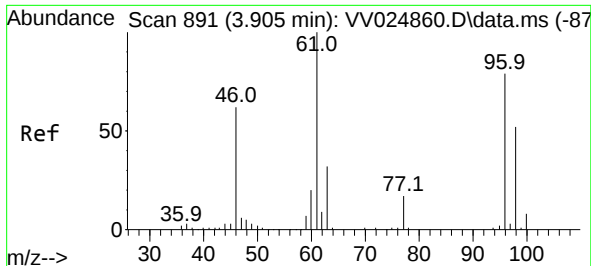
Tgt Ion: 43 Resp: 102226

Ion Ratio Lower Upper

43 100

72 27.8 13.2 39.6





#22

cis-1,2-Dichloroethene

Concen: 4.613 ug/L

RT: 3.912 min Scan# 891

Delta R.T. 0.007 min

Lab File: VV024877.D

Acq: 08 Mar 2022 17:00

Instrument :

MSVOA_V

ClientSampleId :

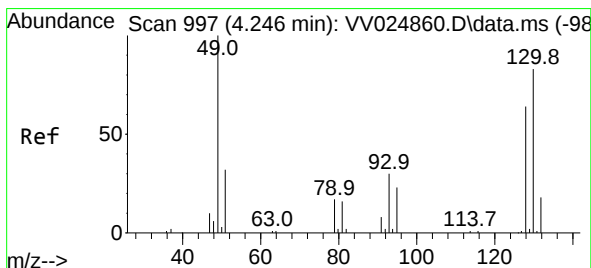
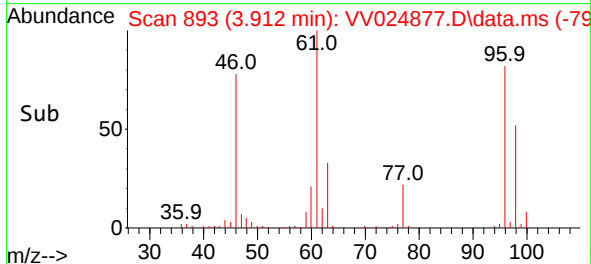
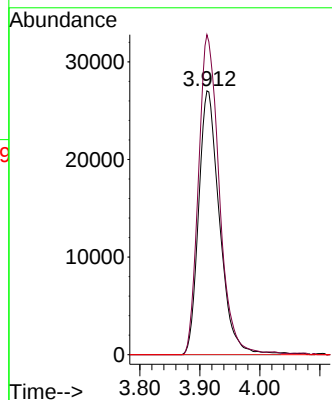
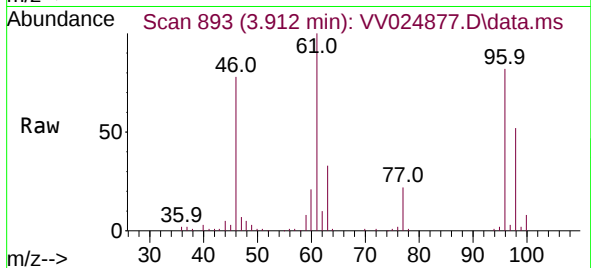
Tgt Ion: 96 Resp: 65392

Ion Ratio Lower Upper

96 100

61 121.3 89.7 166.5

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 4.878 ug/L

RT: 4.249 min Scan# 998

Delta R.T. 0.003 min

Lab File: VV024877.D

Acq: 08 Mar 2022 17:00

Tgt Ion: 128 Resp: 26726

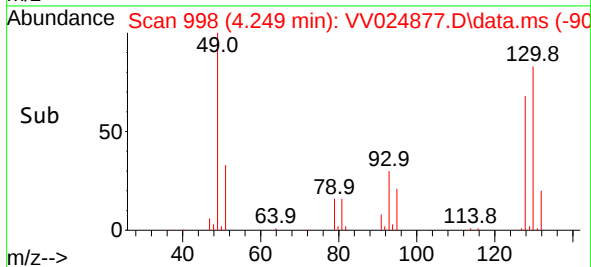
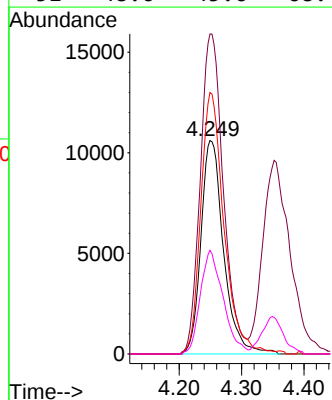
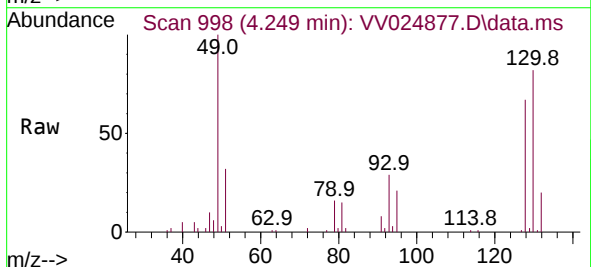
Ion Ratio Lower Upper

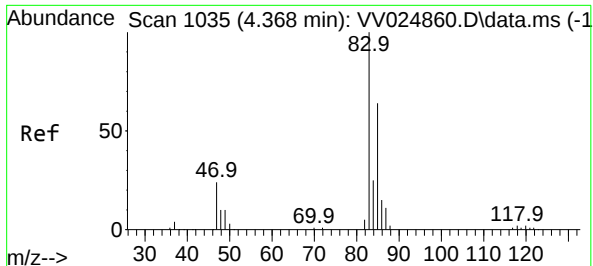
128 100

49 149.9 124.2 230.6

130 122.5 92.1 171.1

51 48.6 45.6 68.4





#25

Chloroform

Concen: 4.610 ug/L

RT: 4.375 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV024877.D

Acq: 08 Mar 2022 17:00

Instrument :

MSVOA_V

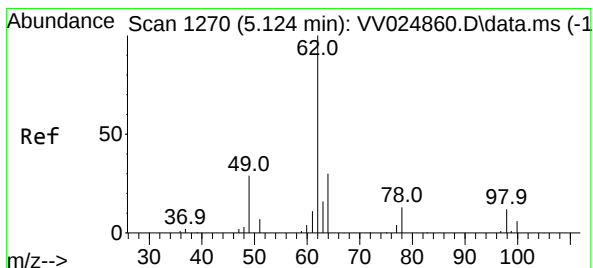
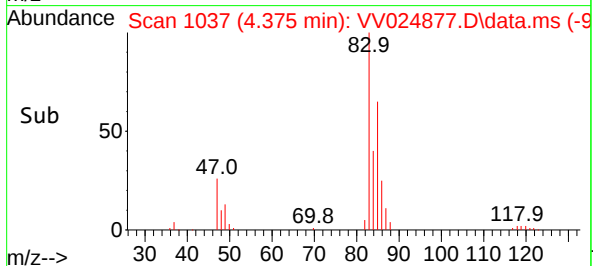
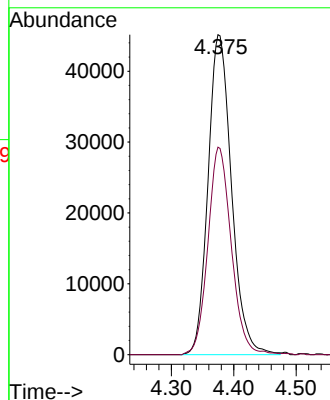
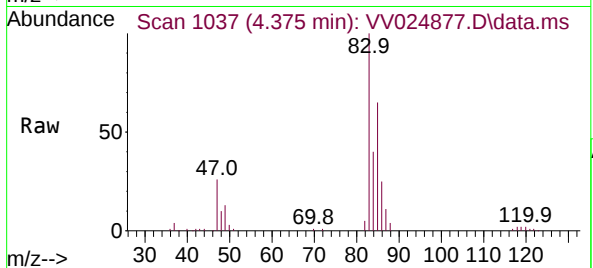
ClientSampleId :

Tgt Ion: 83 Resp: 118239

Ion Ratio Lower Upper

83 100

85 64.9 45.5 84.5



#27

1,2-Dichloroethane

Concen: 4.311 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.010 min

Lab File: VV024877.D

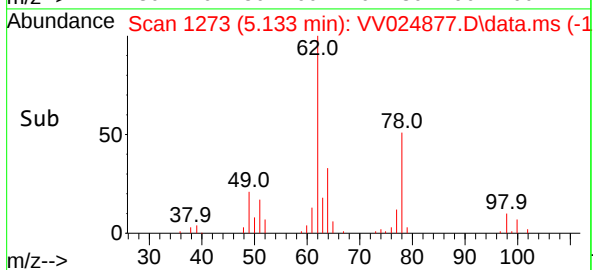
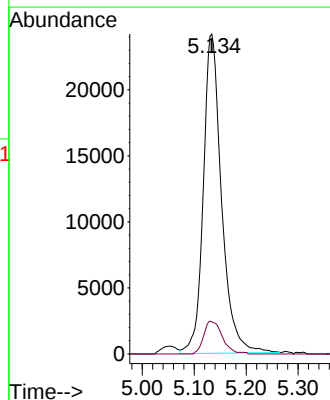
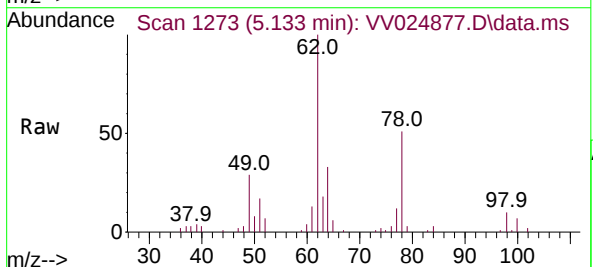
Acq: 08 Mar 2022 17:00

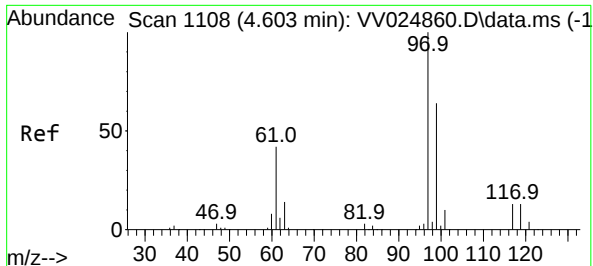
Tgt Ion: 62 Resp: 59014

Ion Ratio Lower Upper

62 100

98 10.0 8.2 12.2





#29

1,1,1-Trichloroethane

Concen: 4.443 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.007 min

Lab File: VV024877.D

Acq: 08 Mar 2022 17:00

Instrument :

MSVOA_V

ClientSampleId :

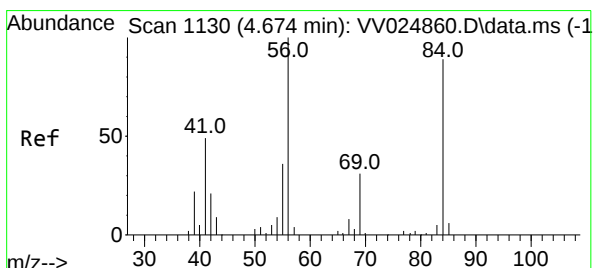
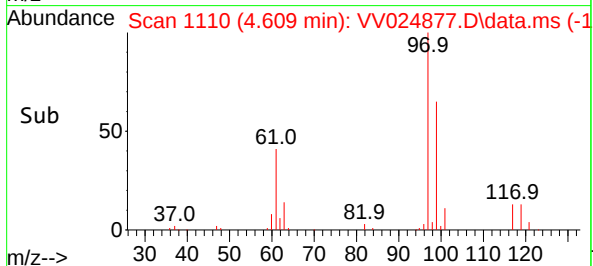
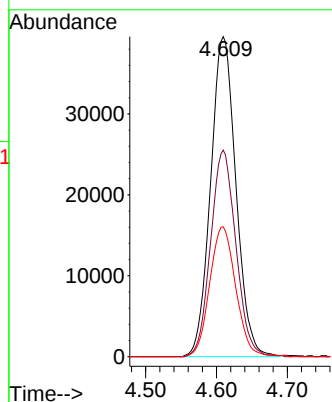
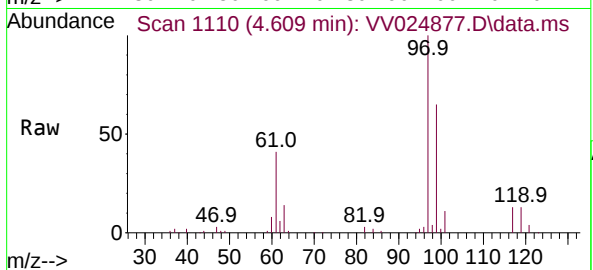
Tgt Ion: 97 Resp: 98375

Ion Ratio Lower Upper

97 100

99 64.3 50.5 75.7

61 41.5 35.8 53.6



#30

Cyclohexane

Concen: 3.798 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV024877.D

Acq: 08 Mar 2022 17:00

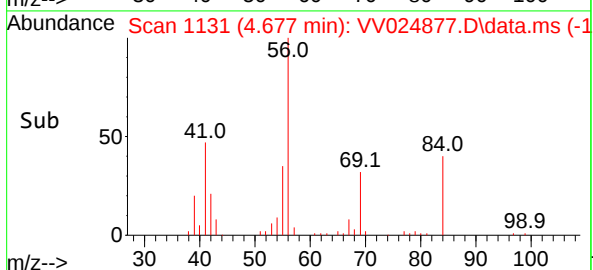
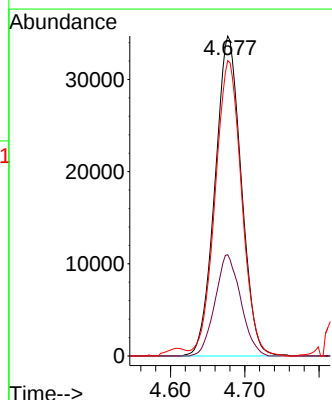
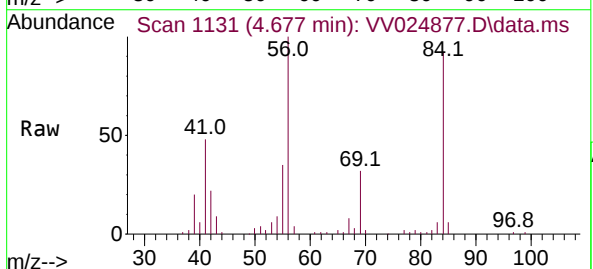
Tgt Ion: 56 Resp: 85296

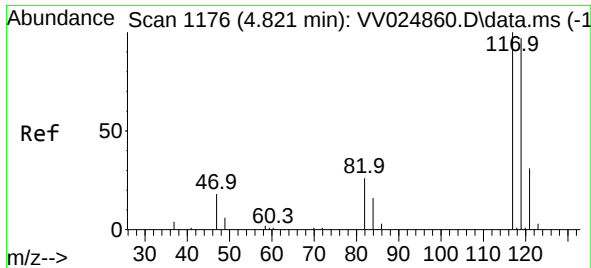
Ion Ratio Lower Upper

56 100

69 31.0 24.6 37.0

84 93.4 71.4 107.0

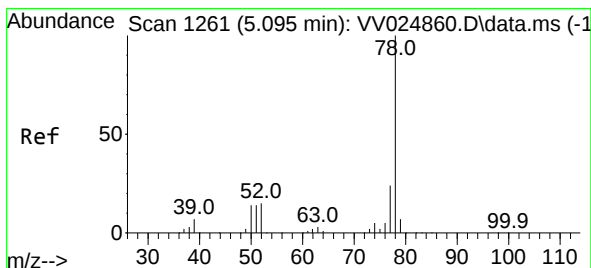
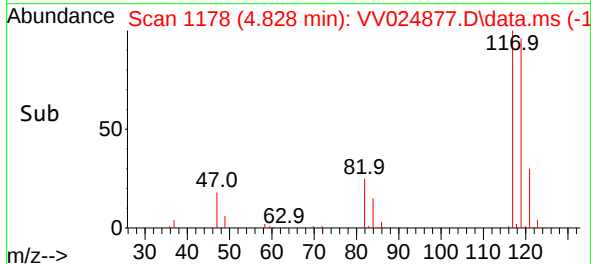
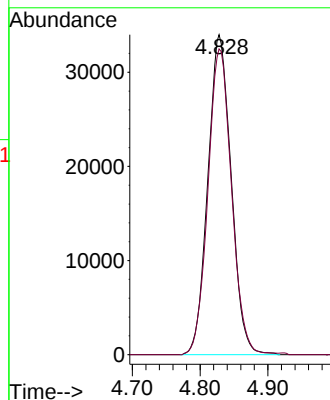
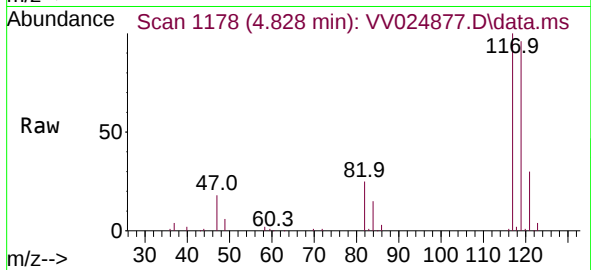




#31
Carbon tetrachloride
Concen: 4.364 ug/L
RT: 4.828 min Scan# 1176
Delta R.T. 0.007 min
Lab File: VV024877.D
Acq: 08 Mar 2022 17:00

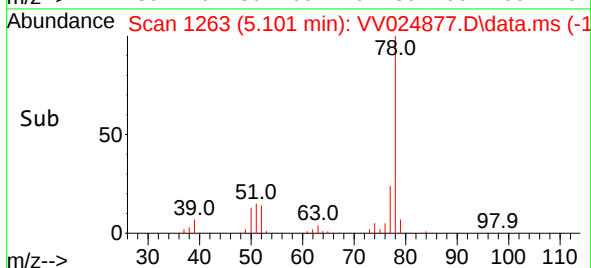
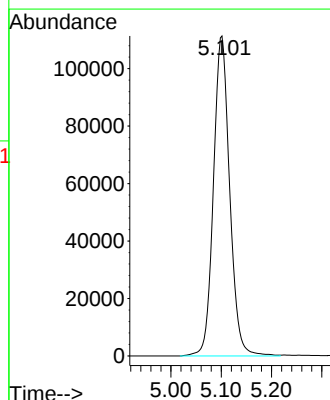
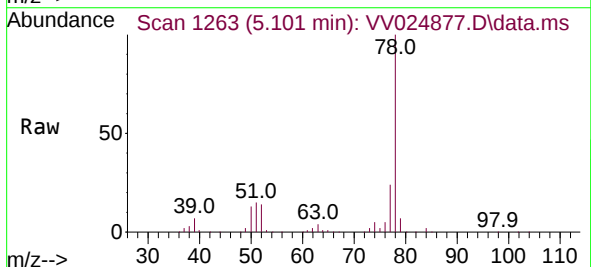
Instrument :
MSVOA_V
ClientSampleId :

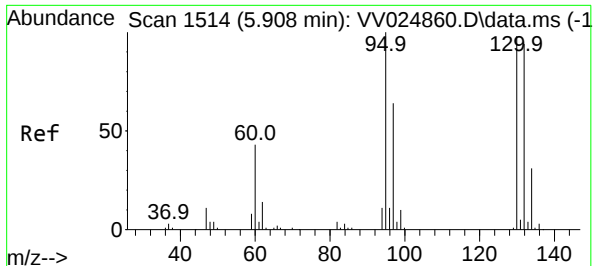
Tgt Ion:117 Resp: 81230
Ion Ratio Lower Upper
117 100
119 96.6 76.6 115.0



#33
Benzene
Concen: 4.475 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.007 min
Lab File: VV024877.D
Acq: 08 Mar 2022 17:00

Tgt Ion: 78 Resp: 249951

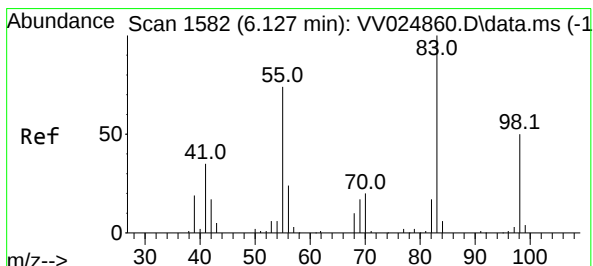
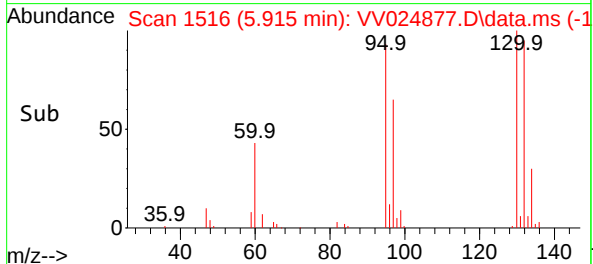
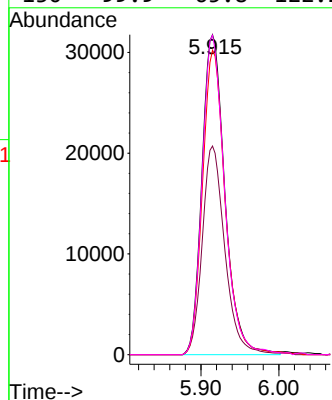
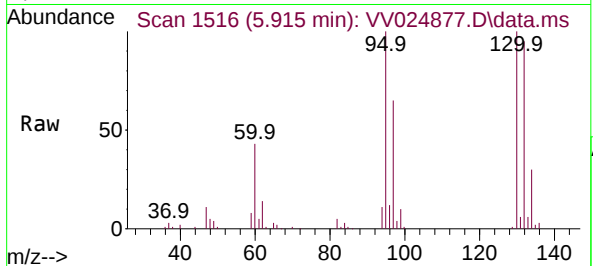




#34
Trichloroethene
Concen: 4.390 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.007 min
Lab File: VV024877.D
Acq: 08 Mar 2022 17:00

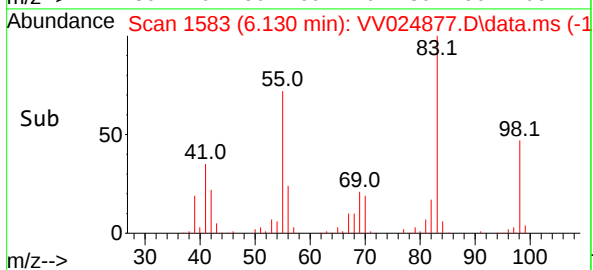
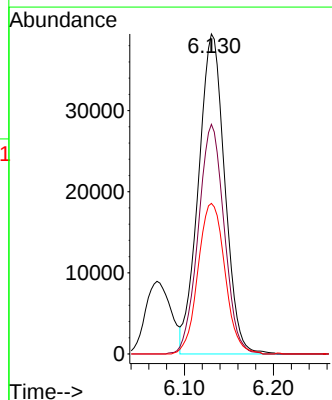
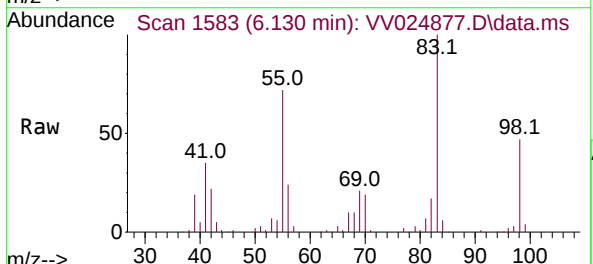
Instrument :
MSVOA_V
ClientSampleId :

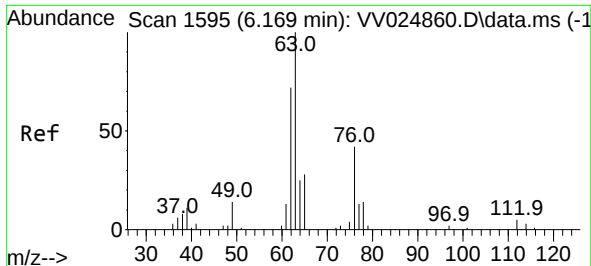
Tgt Ion: 95 Resp: 64950
Ion Ratio Lower Upper
95 100
97 65.2 44.2 82.0
132 95.1 62.1 115.3
130 99.9 65.8 122.2



#35
Methylcyclohexane
Concen: 3.385 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV024877.D
Acq: 08 Mar 2022 17:00

Tgt Ion: 83 Resp: 80920
Ion Ratio Lower Upper
83 100
55 70.7 58.8 88.2
98 48.2 38.6 58.0





#37

1,2-Dichloropropane

Concen: 4.522 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024877.D

Acq: 08 Mar 2022 17:00

Instrument :

MSVOA_V

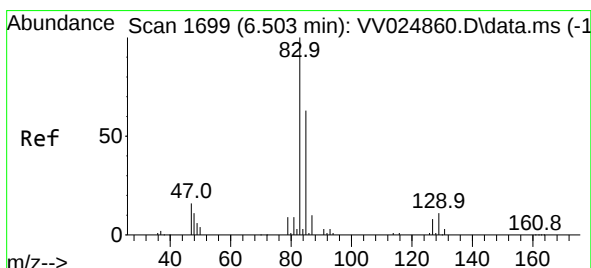
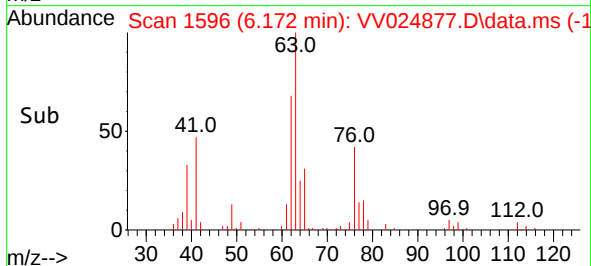
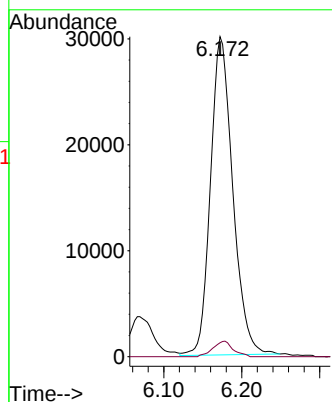
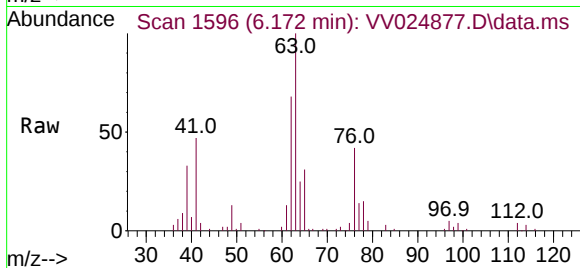
ClientSampleId :

Tgt Ion: 63 Resp: 59674

Ion Ratio Lower Upper

63 100

112 4.4 3.8 5.6



#38

Bromodichloromethane

Concen: 4.612 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.007 min

Lab File: VV024877.D

Acq: 08 Mar 2022 17:00

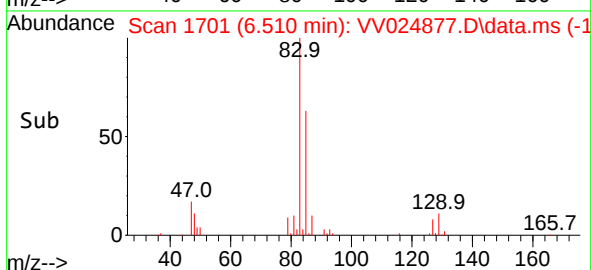
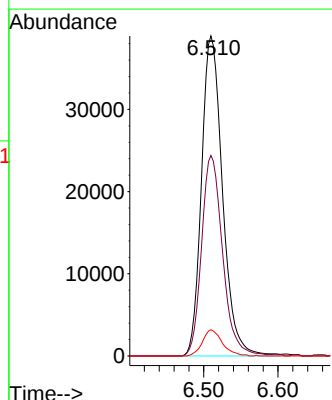
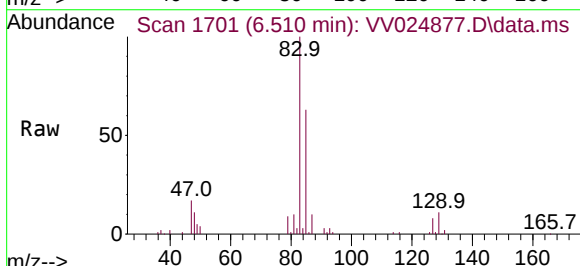
Tgt Ion: 83 Resp: 76618

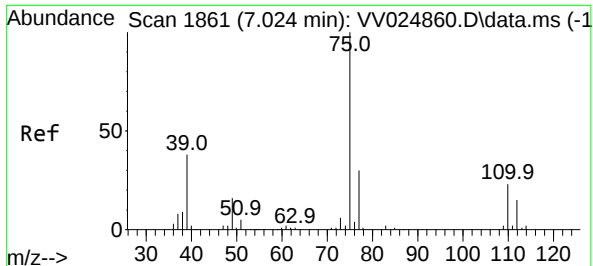
Ion Ratio Lower Upper

83 100

85 62.7 43.5 80.9

127 8.2 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.533 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV024877.D

Acq: 08 Mar 2022 17:00

Instrument :

MSVOA_V

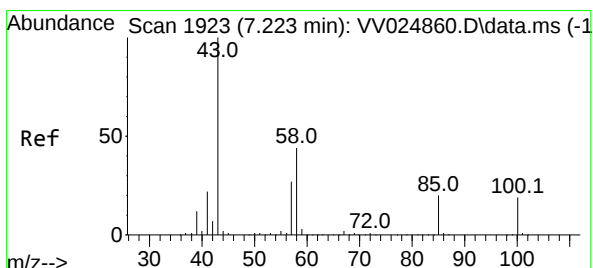
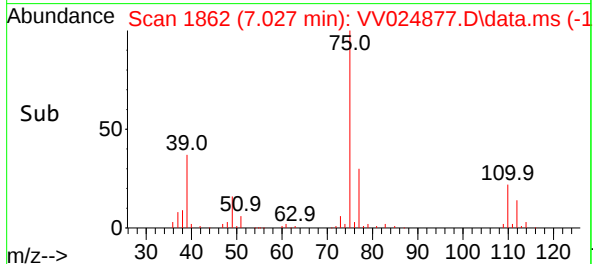
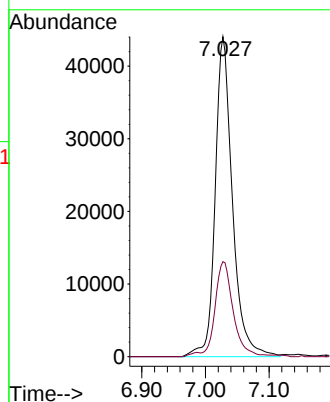
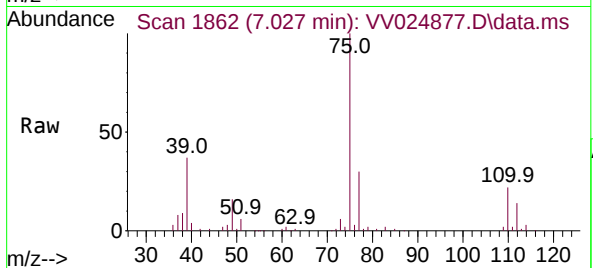
ClientSampleId :

Tgt Ion: 75 Resp: 82976

Ion Ratio Lower Upper

75 100

77 29.7 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 43.845 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV024877.D

Acq: 08 Mar 2022 17:00

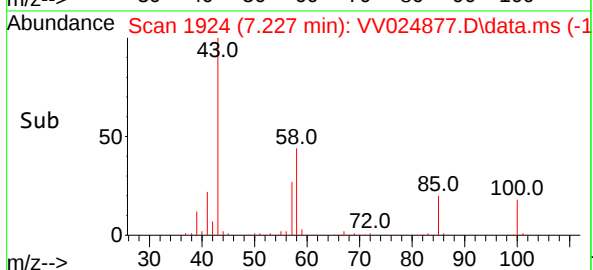
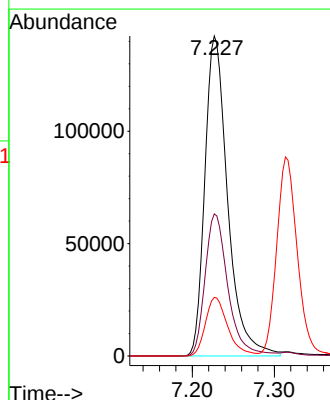
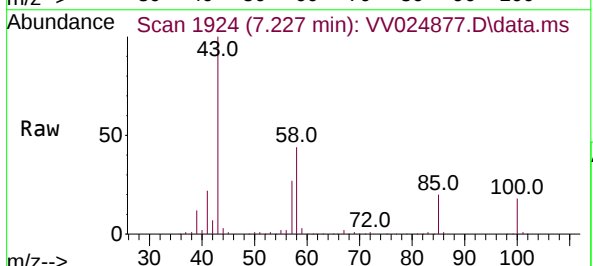
Tgt Ion: 43 Resp: 275232

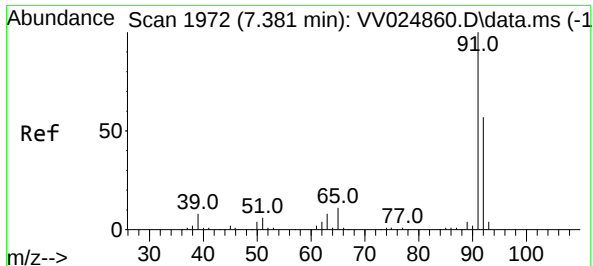
Ion Ratio Lower Upper

43 100

58 44.5 33.0 49.6

100 17.9 13.3 19.9





#42

Toluene

Concen: 4.377 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.007 min

Lab File: VV024877.D

Acq: 08 Mar 2022 17:00

Instrument :

MSVOA_V

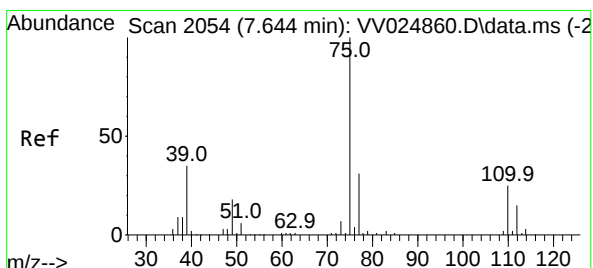
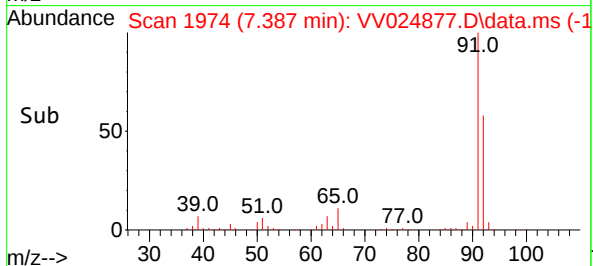
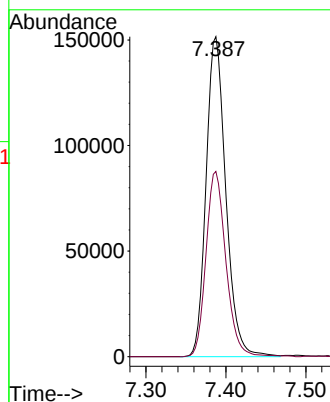
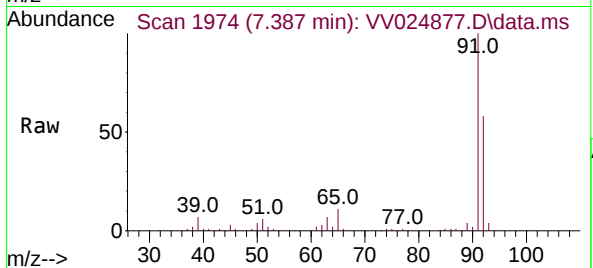
ClientSampleId :

Tgt Ion: 91 Resp: 260257

Ion Ratio Lower Upper

91 100

92 57.9 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 4.418 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.007 min

Lab File: VV024877.D

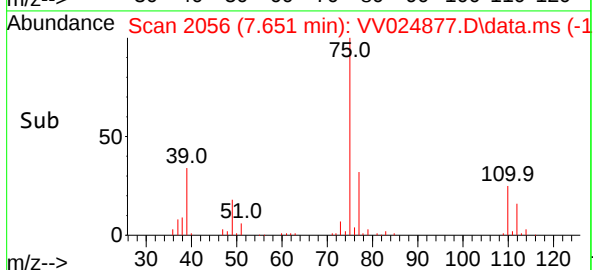
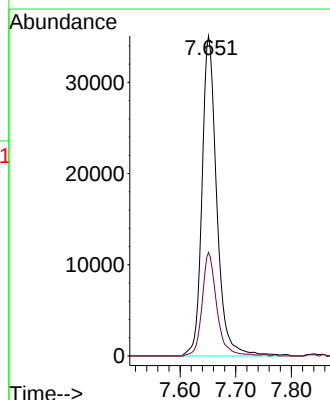
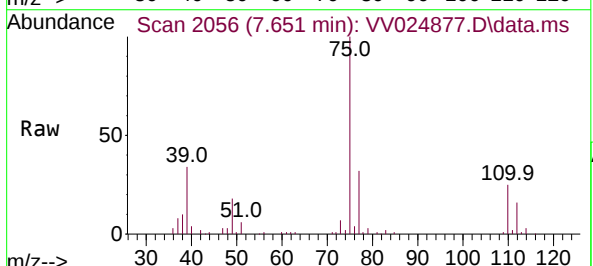
Acq: 08 Mar 2022 17:00

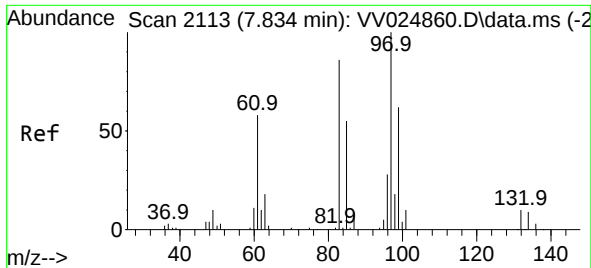
Tgt Ion: 75 Resp: 64619

Ion Ratio Lower Upper

75 100

77 32.3 23.5 43.7



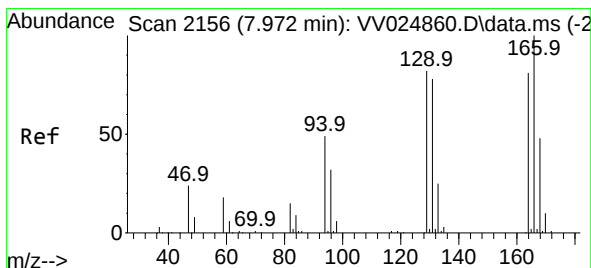
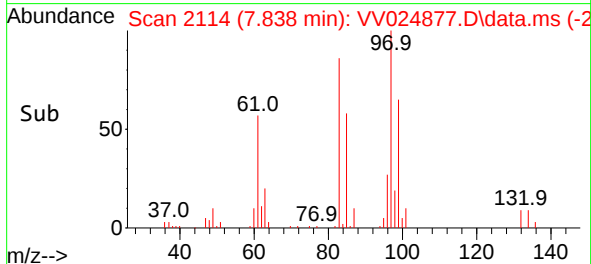
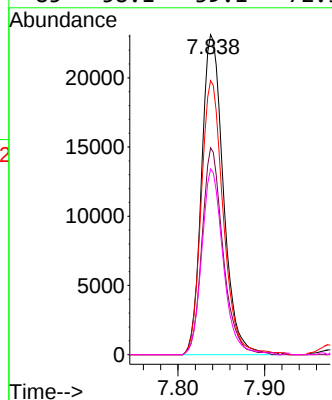
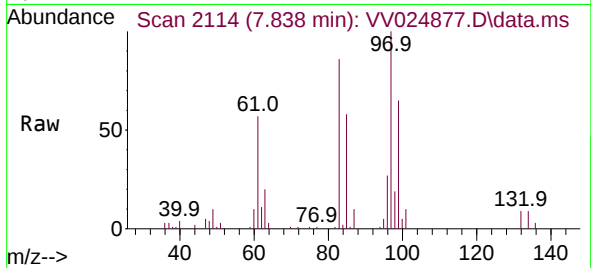


#45
1,1,2-Trichloroethane
Concen: 4.709 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV024877.D
Acq: 08 Mar 2022 17:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 40428

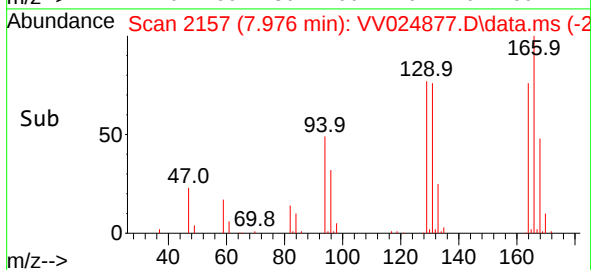
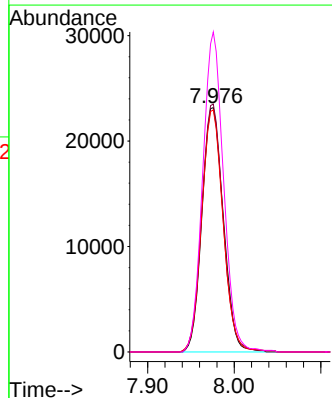
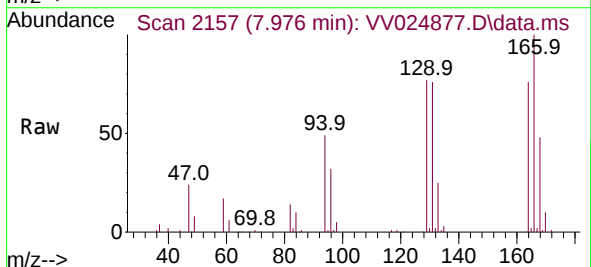
Ion	Ratio	Lower	Upper
97	100		
99	64.7	43.8	81.3
83	85.7	61.3	113.9
85	58.1	39.1	72.5

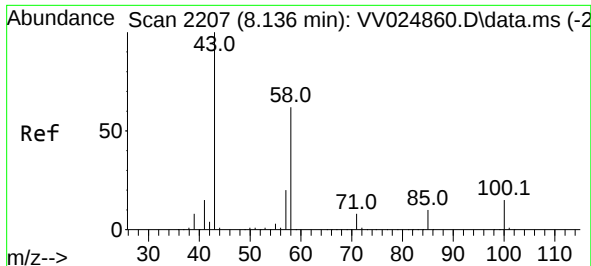


#47
Tetrachloroethene
Concen: 3.949 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV024877.D
Acq: 08 Mar 2022 17:00

Tgt Ion: 164 Resp: 39792

Ion	Ratio	Lower	Upper
164	100		
129	101.5	70.3	130.7
131	99.1	67.7	125.7
166	131.0	88.3	164.1

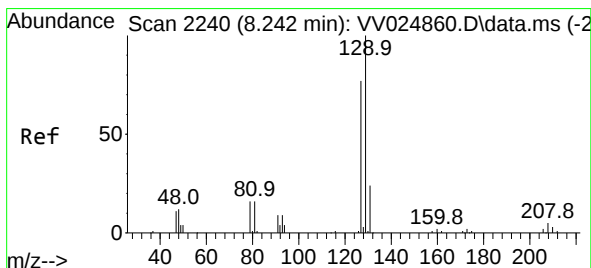
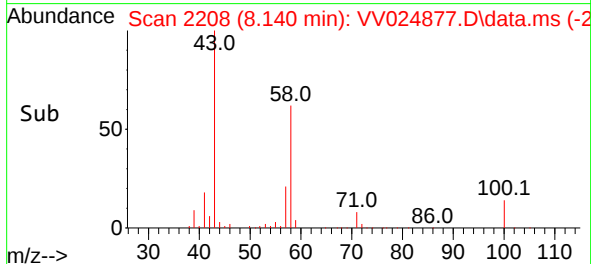
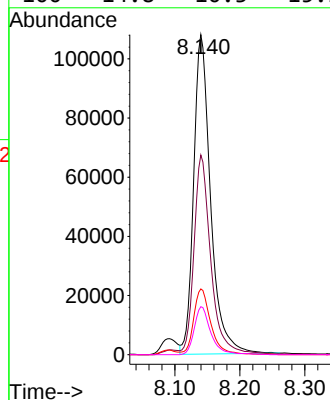
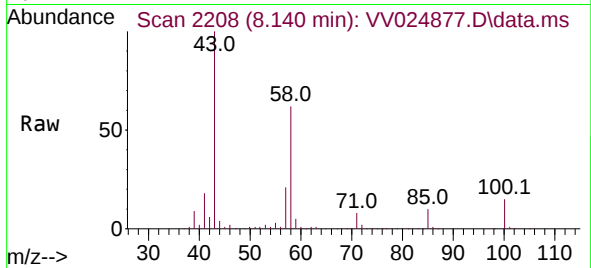




#48
2-Hexanone
Concen: 44.514 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024877.D
Acq: 08 Mar 2022 17:00

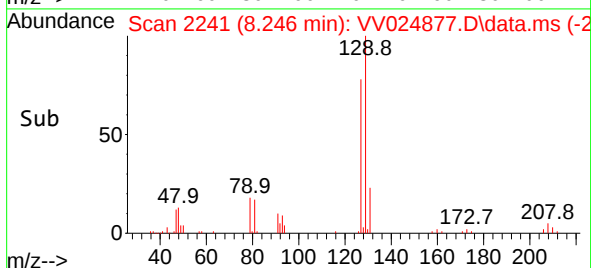
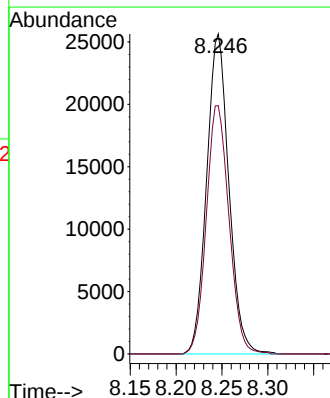
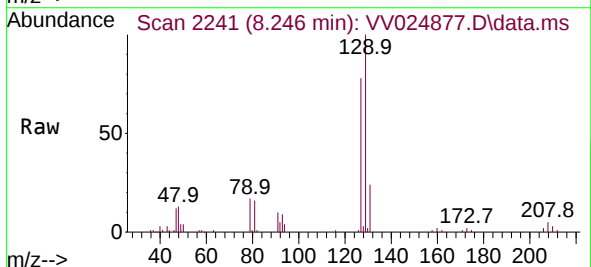
Instrument :
MSVOA_V
ClientSampleId :

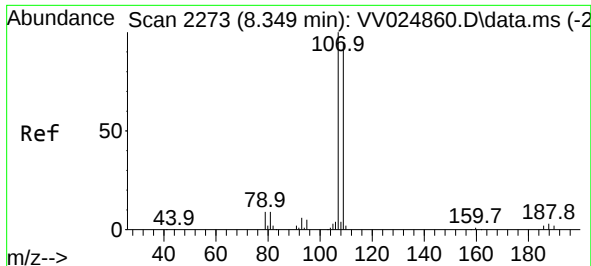
Tgt Ion: 43 Resp: 196465
Ion Ratio Lower Upper
43 100
58 61.3 46.0 69.0
57 20.5 15.7 23.5
100 14.8 10.3 15.5



#49
Dibromochloromethane
Concen: 4.540 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV024877.D
Acq: 08 Mar 2022 17:00

Tgt Ion:129 Resp: 43250
Ion Ratio Lower Upper
129 100
127 77.6 53.6 99.6





#50

1,2-Dibromoethane

Concen: 4.680 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024877.D

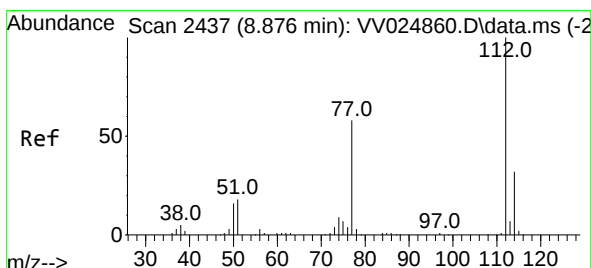
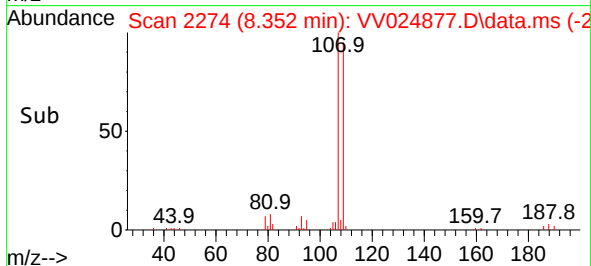
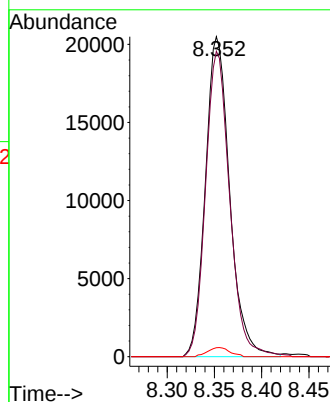
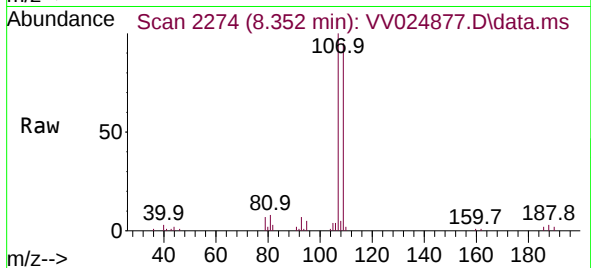
Acq: 08 Mar 2022 17:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	36665
Ion Ratio	Lower	Upper
107	100	
109	95.5	65.6 121.8
188	2.8	2.6 3.8



#51

Chlorobenzene

Concen: 4.381 ug/L

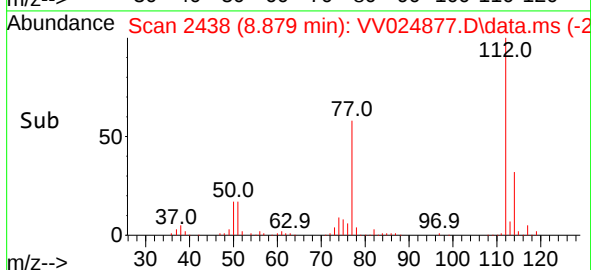
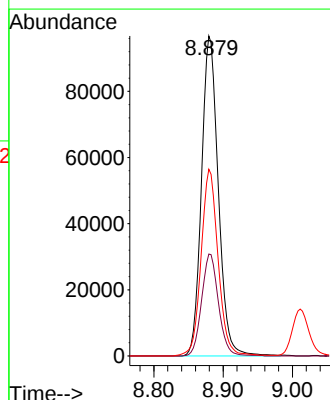
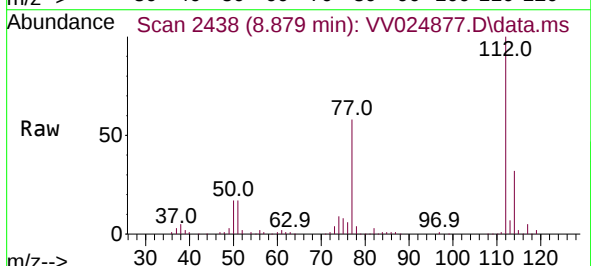
RT: 8.879 min Scan# 2438

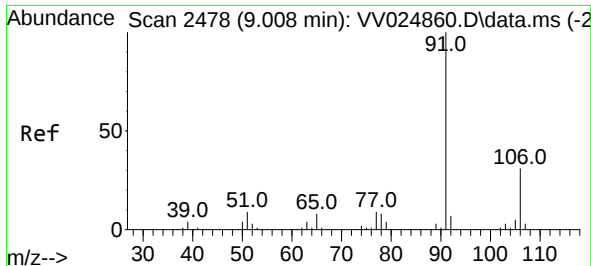
Delta R.T. 0.003 min

Lab File: VV024877.D

Acq: 08 Mar 2022 17:00

Tgt Ion:112	Resp:	162995
Ion Ratio	Lower	Upper
112	100	
114	31.8	22.3 41.5
77	58.4	48.4 72.6





#52

Ethylbenzene

Concen: 4.205 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. 0.003 min

Lab File: VV024877.D

Acq: 08 Mar 2022 17:00

Instrument :

MSVOA_V

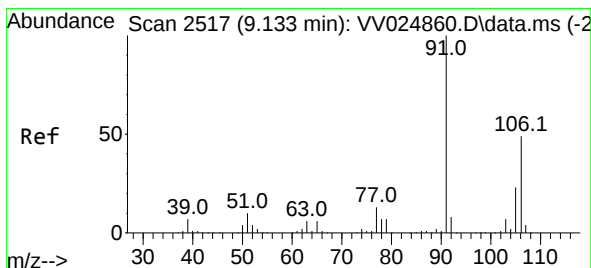
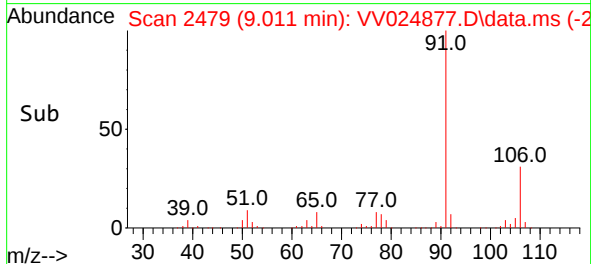
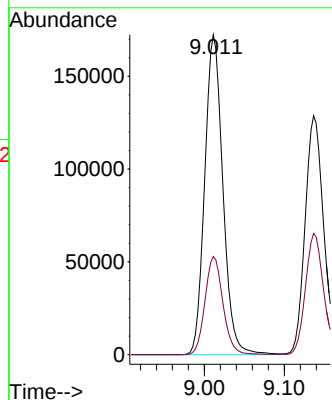
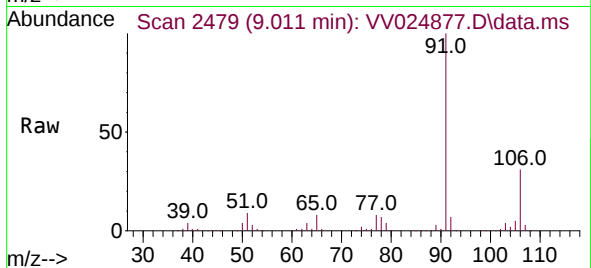
ClientSampleId :

Tgt Ion: 91 Resp: 272914

Ion Ratio Lower Upper

91 100

106 30.7 21.3 39.5



#53

m,p-xylene

Concen: 4.262 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.003 min

Lab File: VV024877.D

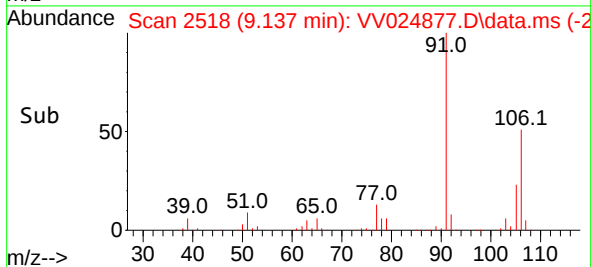
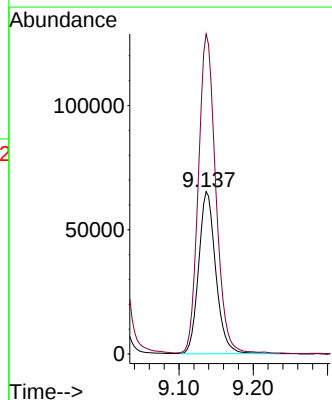
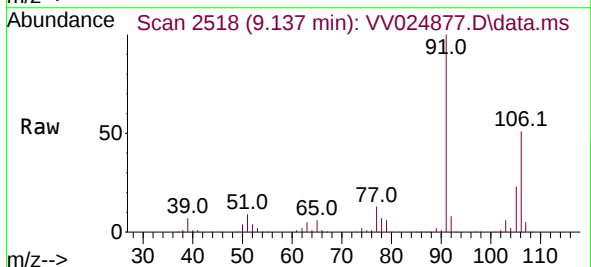
Acq: 08 Mar 2022 17:00

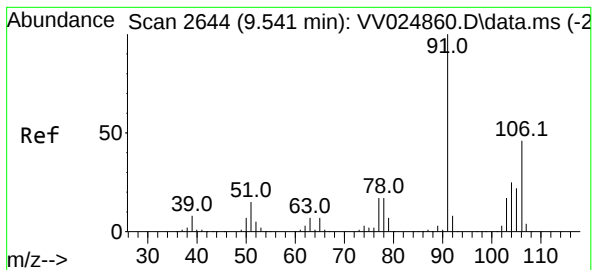
Tgt Ion:106 Resp: 104575

Ion Ratio Lower Upper

106 100

91 197.0 143.6 266.6





#54

o-xylene

Concen: 4.293 ug/L

RT: 9.542 min Scan# 2644

Delta R.T. 0.000 min

Lab File: VV024877.D

Acq: 08 Mar 2022 17:00

Instrument :

MSVOA_V

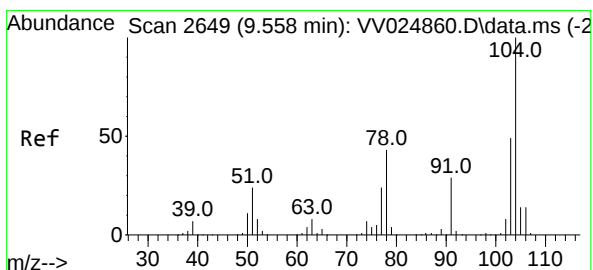
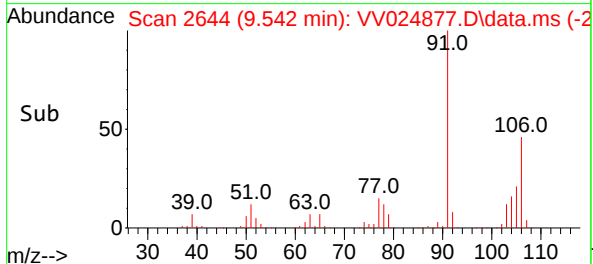
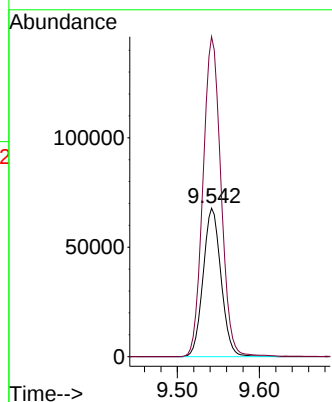
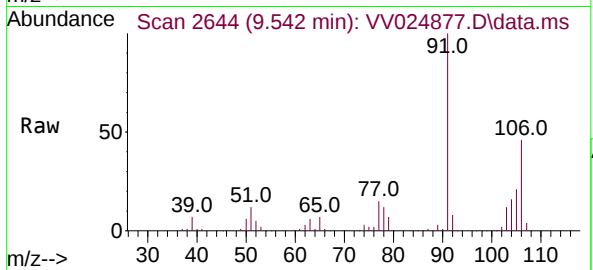
ClientSampleId :

Tgt Ion:106 Resp: 102917

Ion Ratio Lower Upper

106 100

91 215.5 152.2 282.7



#55

Styrene

Concen: 4.413 ug/L

RT: 9.558 min Scan# 2649

Delta R.T. 0.000 min

Lab File: VV024877.D

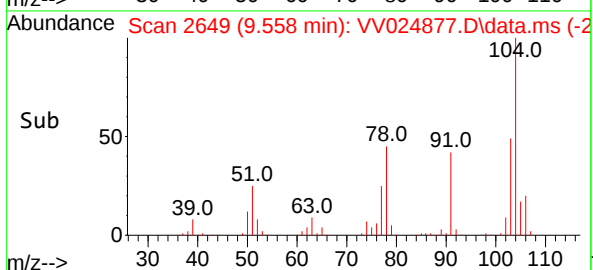
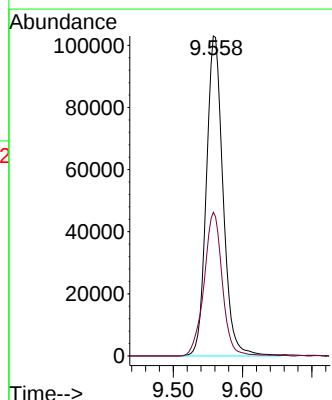
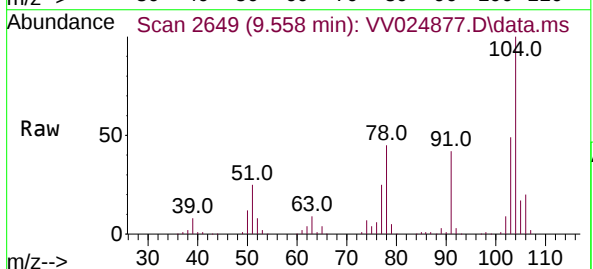
Acq: 08 Mar 2022 17:00

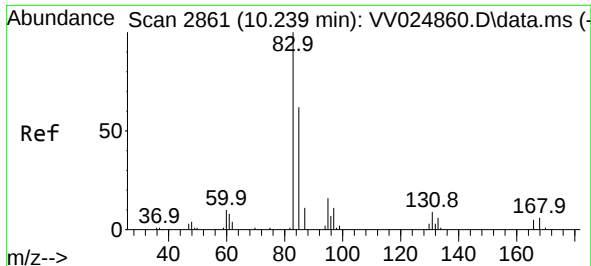
Tgt Ion:104 Resp: 172083

Ion Ratio Lower Upper

104 100

78 44.9 32.0 59.4

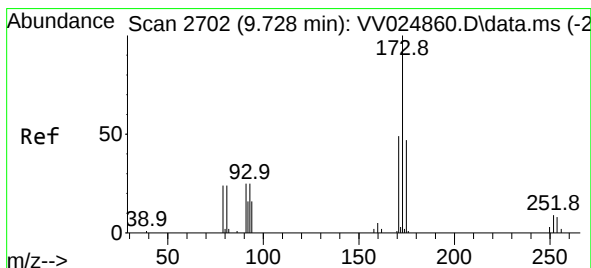
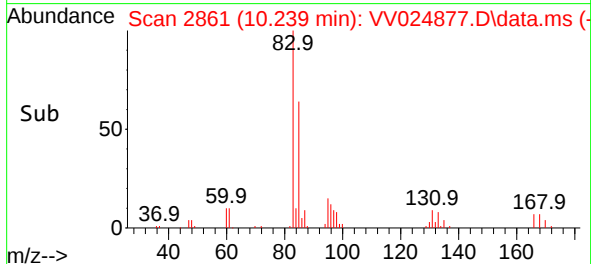
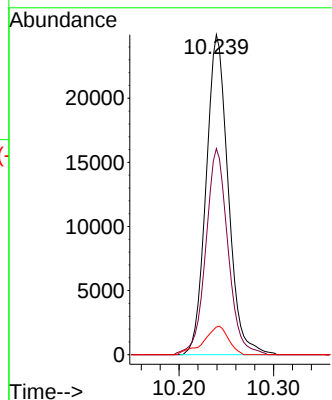
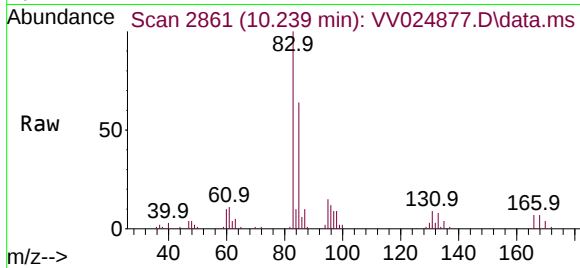




#57
1,1,2,2-Tetrachloroethane
Concen: 4.453 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV024877.D
Acq: 08 Mar 2022 17:00

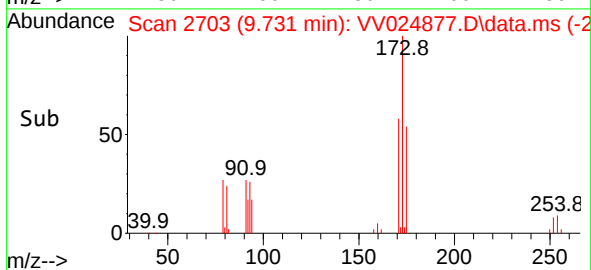
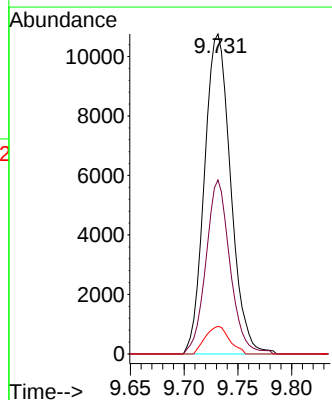
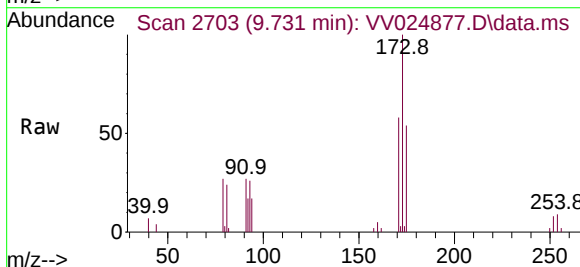
Instrument :
MSVOA_V
ClientSampleId :

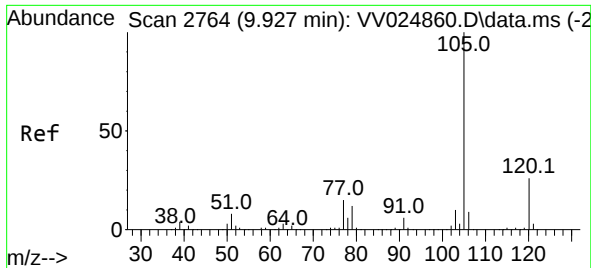
Tgt Ion:	83	Resp:	40435
Ion	Ratio	Lower	Upper
83	100		
85	64.4	43.9	81.5
131	8.6	7.0	10.4



#59
Bromoform
Concen: 4.610 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV024877.D
Acq: 08 Mar 2022 17:00

Tgt Ion:	173	Resp:	18254
Ion	Ratio	Lower	Upper
173	100		
175	50.0	39.4	59.0
254	7.9	7.0	10.4

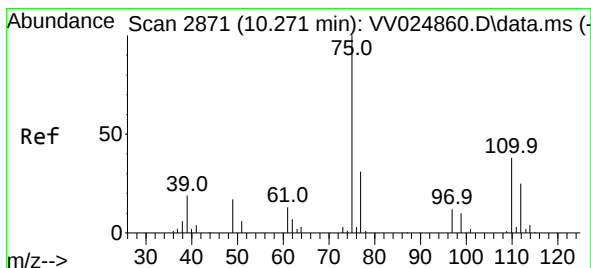
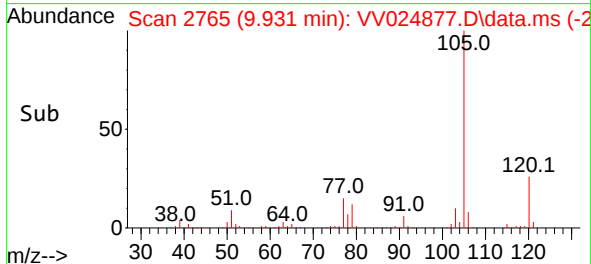
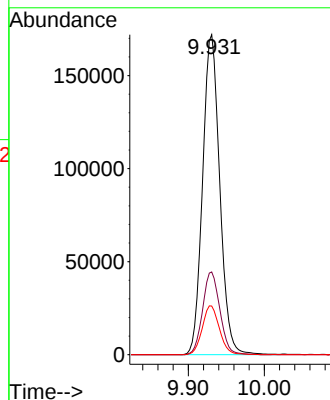
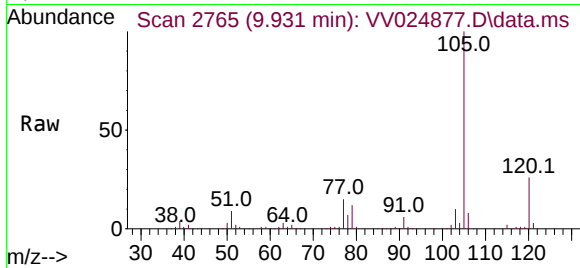




#60
Isopropylbenzene
Concen: 4.162 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024877.D
Acq: 08 Mar 2022 17:00

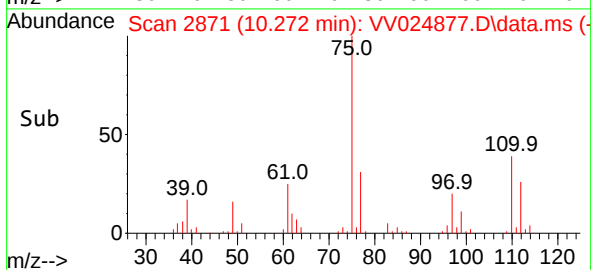
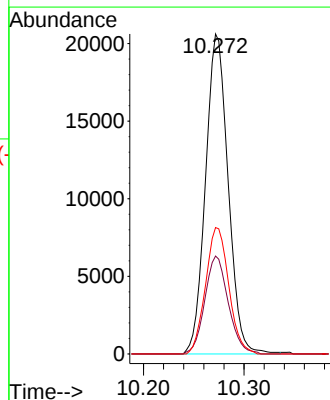
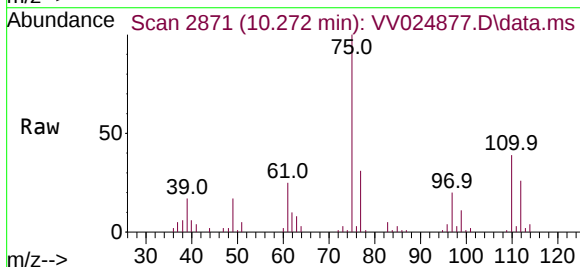
Instrument :
MSVOA_V
ClientSampleId :

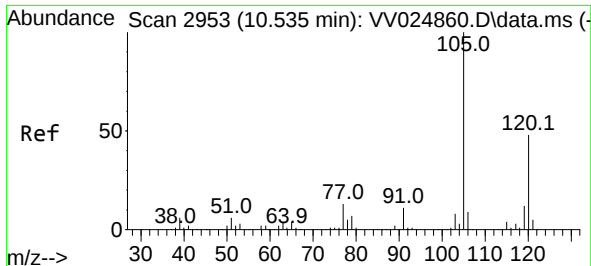
Tgt Ion:105 Resp: 269315
Ion Ratio Lower Upper
105 100
120 26.1 20.7 31.1
77 15.3 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 4.541 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV024877.D
Acq: 08 Mar 2022 17:00

Tgt Ion: 75 Resp: 32195
Ion Ratio Lower Upper
75 100
77 31.7 26.3 39.5
110 40.5 30.3 45.5





#62

1,3,5-Trimethylbenzene

Concen: 4.064 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV024877.D

Acq: 08 Mar 2022 17:00

Instrument :

MSVOA_V

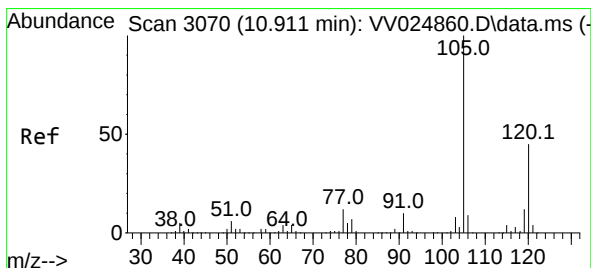
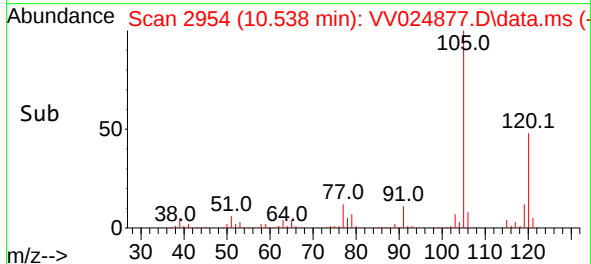
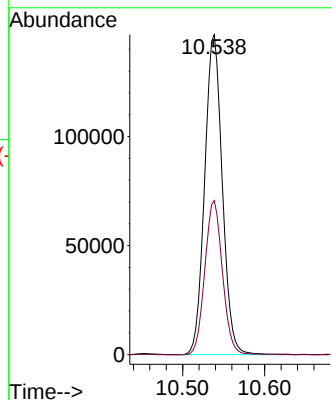
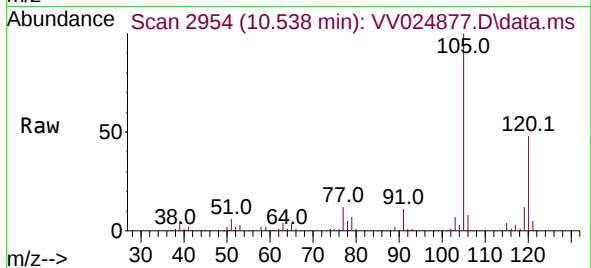
ClientSampleId :

Tgt Ion:105 Resp: 219208

Ion Ratio Lower Upper

105 100

120 48.0 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 4.058 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV024877.D

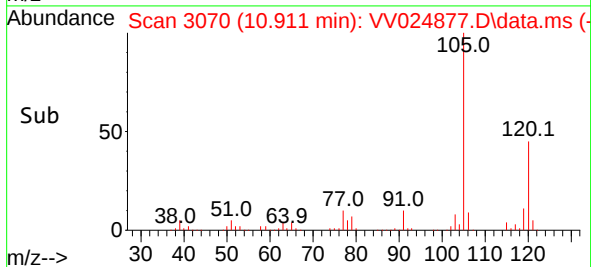
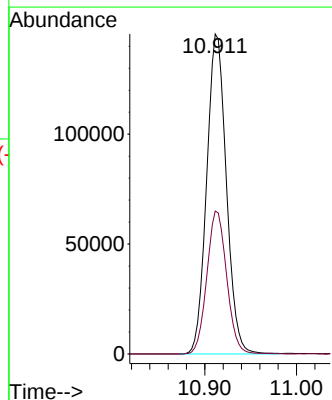
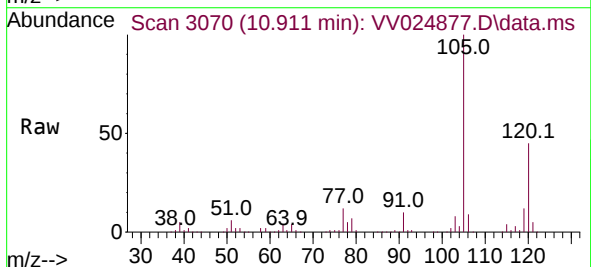
Acq: 08 Mar 2022 17:00

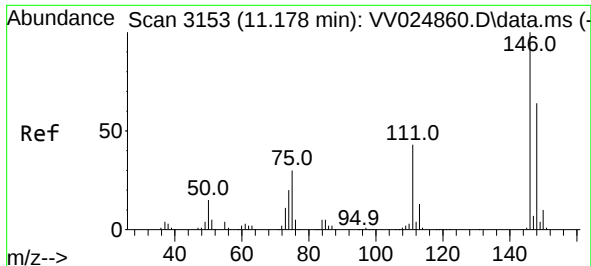
Tgt Ion:105 Resp: 217261

Ion Ratio Lower Upper

105 100

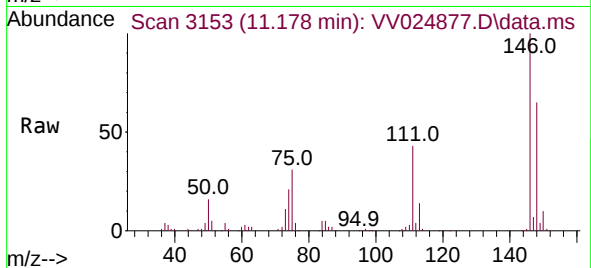
120 45.1 35.9 53.9



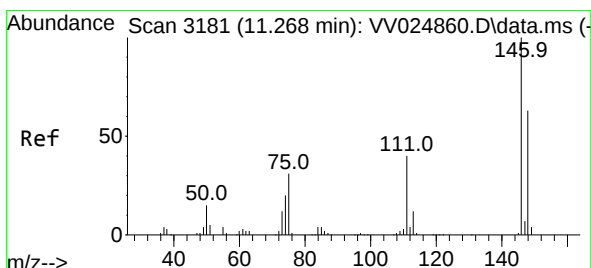
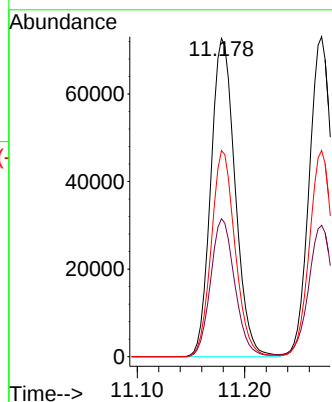
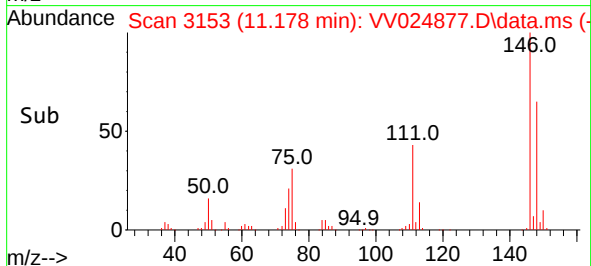


#64
1,3-Dichlorobenzene
Concen: 4.181 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV024877.D
Acq: 08 Mar 2022 17:00

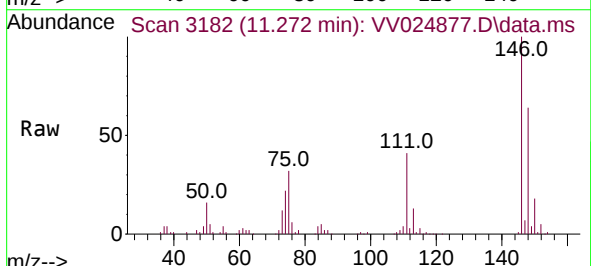
Instrument :
MSVOA_V
ClientSampleId :



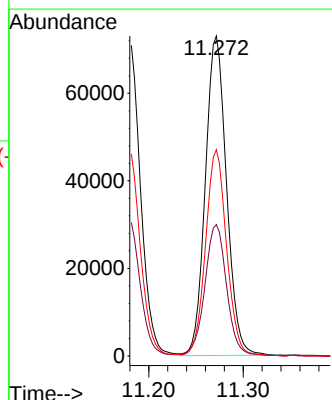
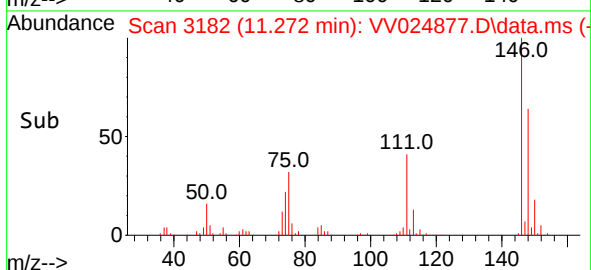
Tgt Ion:146 Resp: 114108
Ion Ratio Lower Upper
146 100
111 43.3 31.0 57.6
148 64.7 45.4 84.4

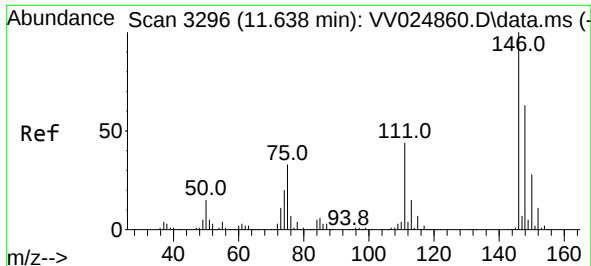


#65
1,4-Dichlorobenzene
Concen: 4.159 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV024877.D
Acq: 08 Mar 2022 17:00



Tgt Ion:146 Resp: 113362
Ion Ratio Lower Upper
146 100
111 41.1 28.3 52.7
148 64.4 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 4.404 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.003 min

Lab File: VV024877.D

Acq: 08 Mar 2022 17:00

Instrument :

MSVOA_V

ClientSampleId :

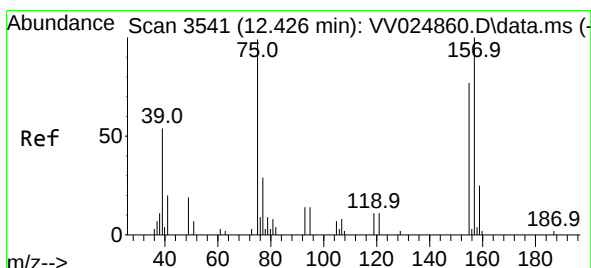
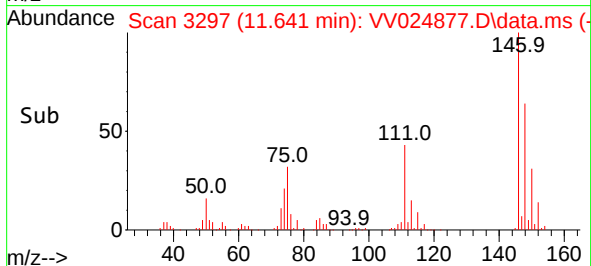
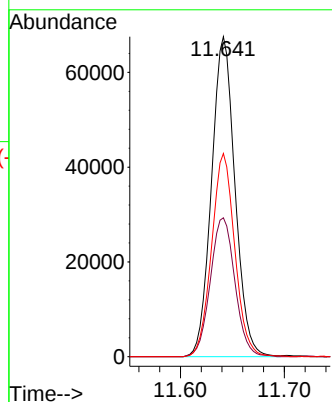
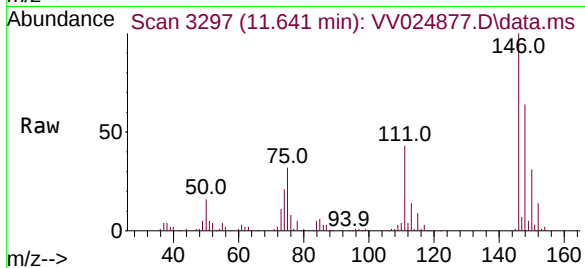
Tgt Ion:146 Resp: 106019

Ion Ratio Lower Upper

146 100

111 43.4 36.0 54.0

148 63.5 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.749 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV024877.D

Acq: 08 Mar 2022 17:00

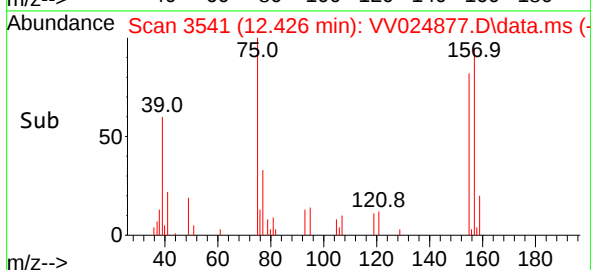
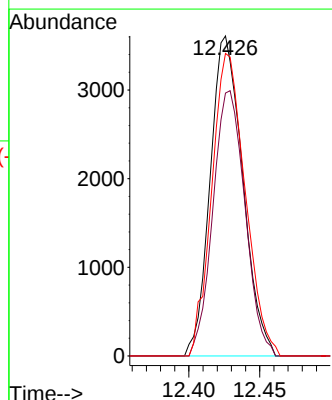
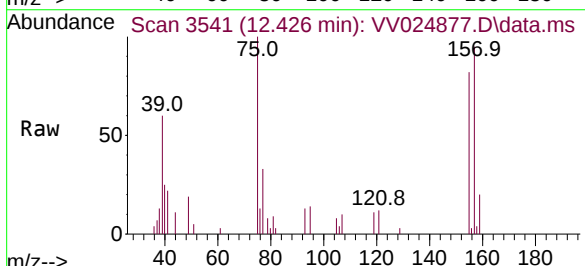
Tgt Ion: 75 Resp: 5757

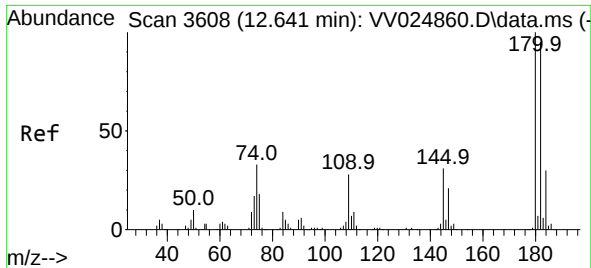
Ion Ratio Lower Upper

75 100

155 82.2 61.7 92.5

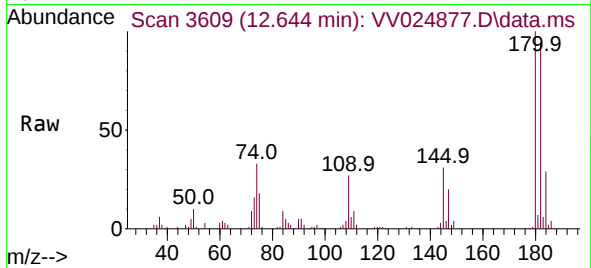
157 94.5 73.5 110.3



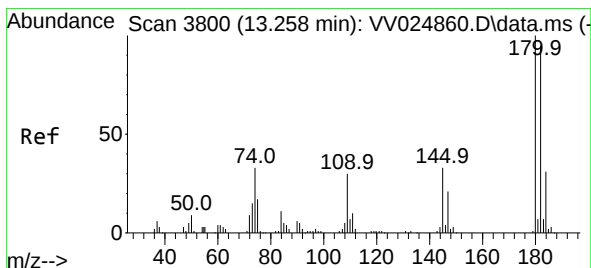
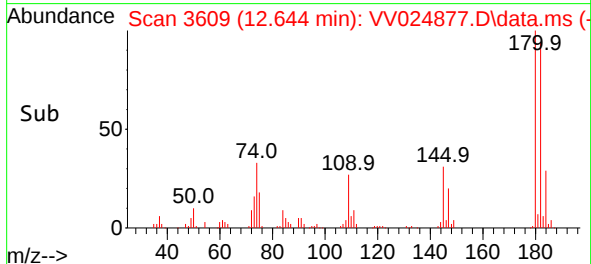
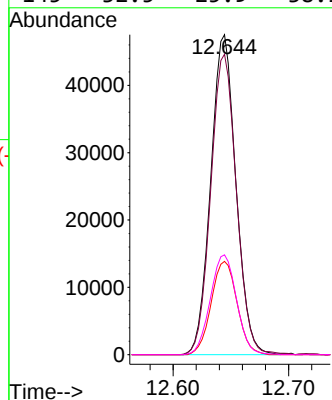


#69
 1,3,5-Trichlorobenzene
 Concen: 3.721 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.003 min
 Lab File: VV024877.D
 Acq: 08 Mar 2022 17:00

Instrument :
 MSVOA_V
 ClientSampleId :

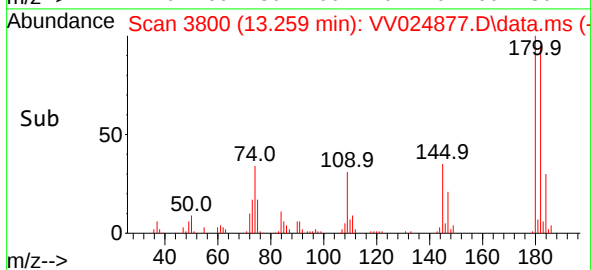
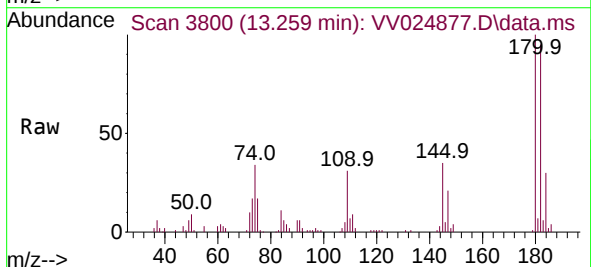
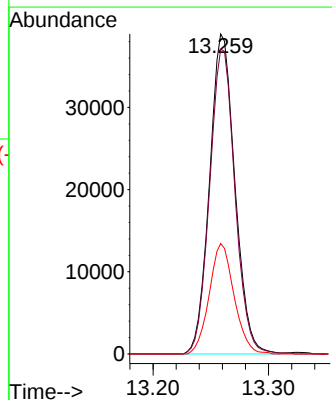


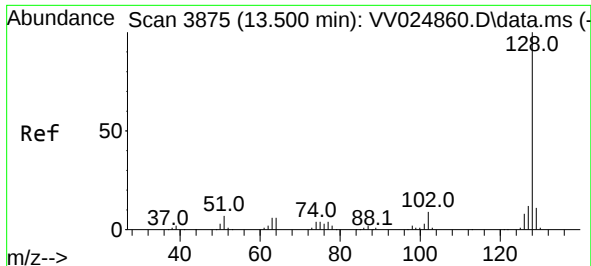
Tgt Ion:180 Resp: 72013
 Ion Ratio Lower Upper
 180 100
 182 95.5 74.6 111.8
 184 30.0 23.8 35.8
 145 32.5 25.9 38.9



#70
 1,2,4-trichlorobenzene
 Concen: 3.897 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV024877.D
 Acq: 08 Mar 2022 17:00

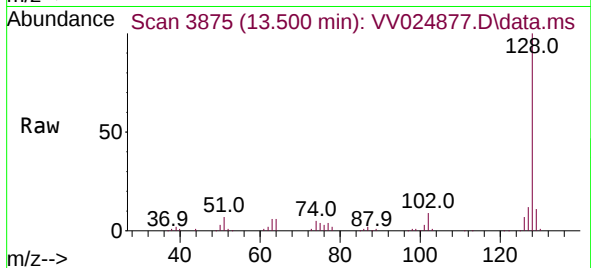
Tgt Ion:180 Resp: 59417
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.0 112.6
 145 33.8 26.9 40.3



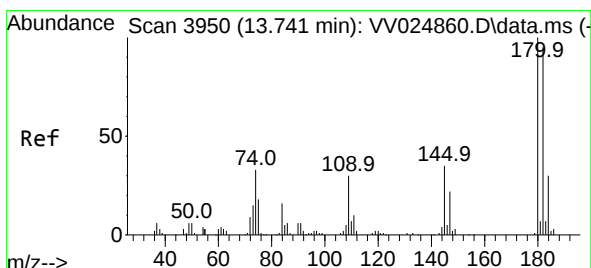
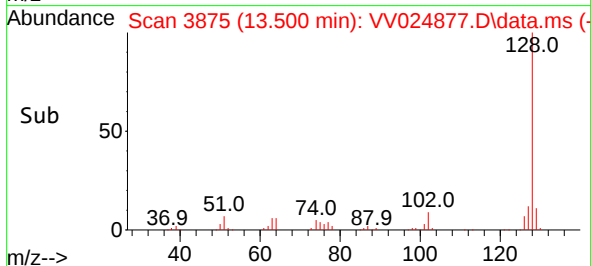
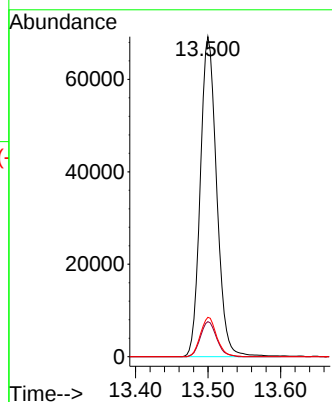


#71
Naphthalene
Concen: 4.189 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV024877.D
Acq: 08 Mar 2022 17:00

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 108605
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 12.2 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.207 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV024877.D
Acq: 08 Mar 2022 17:00

Tgt Ion:180 Resp: 53680
Ion Ratio Lower Upper
180 100
182 93.9 75.6 113.4
145 36.2 28.5 42.7

