

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031524\
 Data File : VV034664.D
 Acq On : 15 Mar 2024 19:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 15 23:37:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 23:30:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	359985	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	335088	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	173497	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.278	65	108891	34.893	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.780%
7) Chloroethane-d5	1.532	69	96813	39.820	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.640%
11) 1,1-Dichloroethene-d2	2.060	65	53174	37.677	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.360%
21) 2-Butanone-d5	3.793	46	207619	99.485	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.490%
24) Chloroform-d	4.249	84	237192	42.987	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.980%
26) 1,2-Dichloroethane-d4	4.941	65	155415	43.103	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.200%
32) Benzene-d6	4.960	84	434939	43.008	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.020%
36) 1,2-Dichloropropane-d6	5.989	67	136010	44.069	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.140%
41) Toluene-d8	7.243	98	393410	42.987	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.980%
43) trans-1,3-Dichloroprop...	7.551	79	64309	41.494	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.980%
47) 2-Hexanone-d5	8.024	63	148329	96.245	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.240%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	198327	48.831	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.660%
66) 1,2-Dichlorobenzene-d4	11.561	152	157085	44.295	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.105	85	156252	41.381	ug/L	98
3) Chloromethane	1.214	50	154269	41.578	ug/L	99
5) Vinyl chloride	1.282	62	153551	42.634	ug/L	100
6) Bromomethane	1.487	94	95104	44.011	ug/L	99
8) Chloroethane	1.548	64	94285	44.044	ug/L	99
9) Trichlorofluoromethane	1.712	101	231132	42.854	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	128176	44.093	ug/L	98
12) 1,1-Dichloroethene	2.069	96	116998	43.404	ug/L	96
13) Acetone	2.127	43	158489	63.173	ug/L	98
14) Carbon disulfide	2.240	76	330674	44.202	ug/L	99
15) Methyl Acetate	2.375	43	164695	51.313	ug/L	99
16) Methylene chloride	2.445	84	136964	47.902	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	120264	46.096	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	457793	48.861	ug/L	99
19) 1,1-Dichloroethane	3.111	63	244741	47.886	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	134002	47.338	ug/L	95
22) 2-Butanone	3.876	43	204827	82.678	ug/L	94
23) Bromochloromethane	4.146	128	70202	47.959	ug/L	98
25) Chloroform	4.275	83	247718	46.763	ug/L	99

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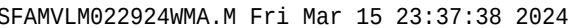
Instrument :
 MSVOA_V
 ClientSampleId :

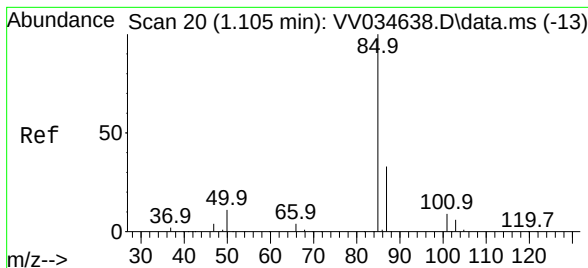
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 QLast Update : Fri Mar 15 23:30:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	198278	46.069	ug/L	99
29) Cyclohexane	4.580	56	199075	45.167	ug/L	100
30) 1,1,1-Trichloroethane	4.513	97	222848	46.377	ug/L	99
31) Carbon tetrachloride	4.735	117	194126	45.631	ug/L	99
33) Benzene	5.008	78	493596	47.456	ug/L	100
34) Trichloroethene	5.831	95	130602	44.174	ug/L	96
35) Methylcyclohexane	6.050	83	201659	44.866	ug/L	99
37) 1,2-Dichloropropane	6.092	63	132401	48.621	ug/L	99
38) Bromodichloromethane	6.432	83	182855	47.738	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	205666	46.615	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	415739	103.536	ug/L	98
42) Toluene	7.313	91	518640	47.115	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	201435	47.471	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	131076	49.887	ug/L	99
46) Tetrachloroethene	7.905	164	98373	44.740	ug/L	99
48) 2-Hexanone	8.075	43	324984	101.569	ug/L	99
49) Dibromochloromethane	8.175	129	136053	49.069	ug/L	97
50) 1,2-Dibromoethane	8.281	107	137101	49.174	ug/L	99
51) Chlorobenzene	8.812	112	332542	46.729	ug/L	99
52) Ethylbenzene	8.944	91	584226	47.366	ug/L	99
53) m,p-Xylene	9.072	106	219207	46.833	ug/L	98
54) o-Xylene	9.477	106	216210	47.173	ug/L	99
55) Styrene	9.493	104	373445	48.123	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	204620	51.851	ug/L	100
59) Bromoform	9.664	173	93857	48.793	ug/L	100
60) Isopropylbenzene	9.866	105	588166	47.933	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	169760	51.258	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	493116	47.640	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	492509	48.109	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	267703	47.186	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	267217	46.381	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	270396	47.563	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	48374	49.034	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	191237	44.932	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	170057	44.405	ug/L	98
71) Naphthalene	13.439	128	434944	42.458	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	171780	45.979	ug/L	100

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

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Response via : Initial Calibration

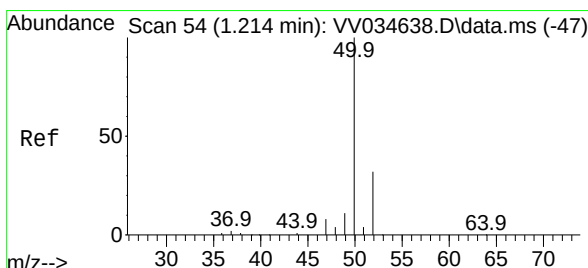
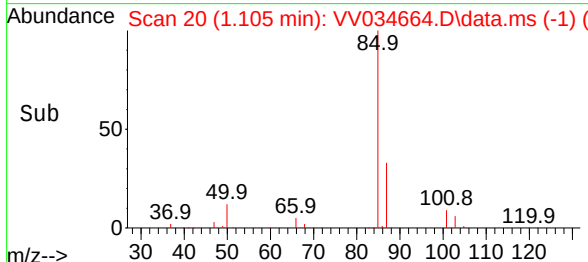
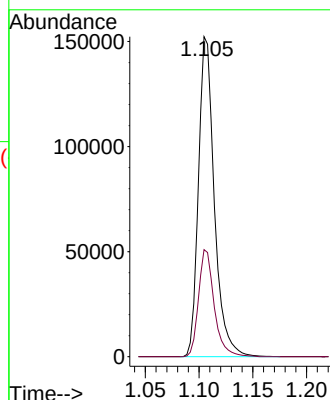
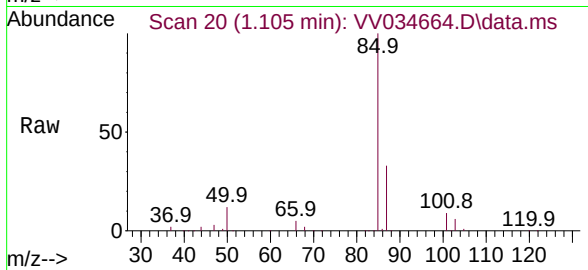




#2
 Dichlorodifluoromethane
 Concen: 41.381 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV034664.D
 Acq: 15 Mar 2024 19:29

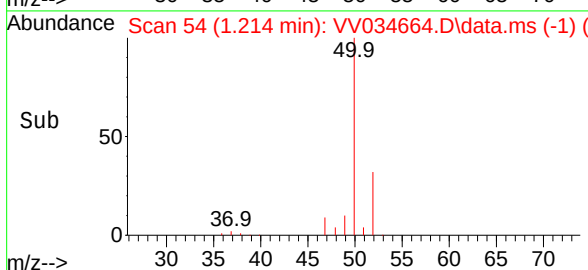
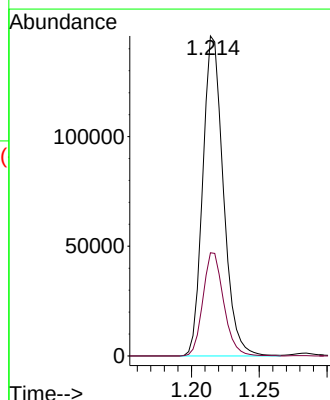
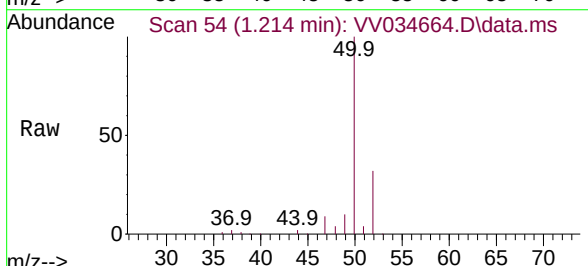
Instrument :
 MSVOA_V
 ClientSampleId :

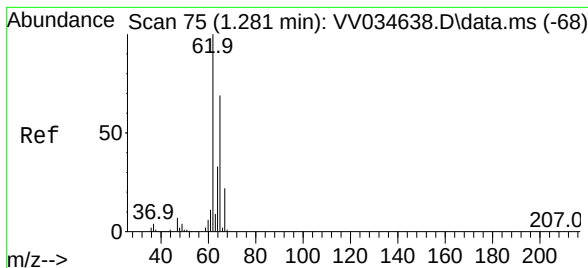
Tgt Ion: 85 Resp: 156252
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.5 38.3



#3
 Chloromethane
 Concen: 41.578 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV034664.D
 Acq: 15 Mar 2024 19:29

Tgt Ion: 50 Resp: 154269
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.0 42.8





#5

Vinyl chloride

Concen: 42.634 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV034664.D

Acq: 15 Mar 2024 19:29

Instrument :

MSVOA_V

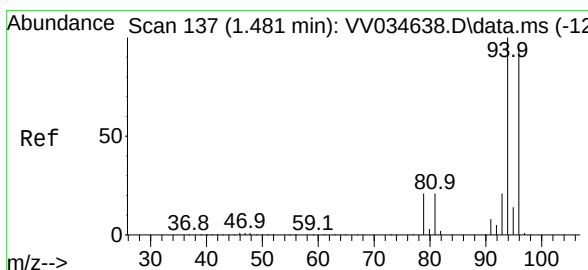
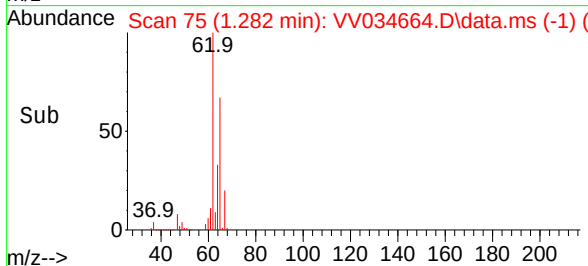
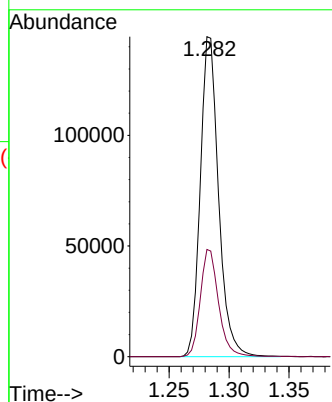
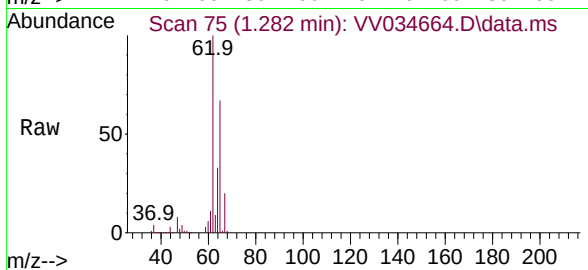
ClientSampleId :

Tgt Ion: 62 Resp: 153551

Ion Ratio Lower Upper

62 100

64 33.5 23.4 43.6



#6

Bromomethane

Concen: 44.011 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.007 min

Lab File: VV034664.D

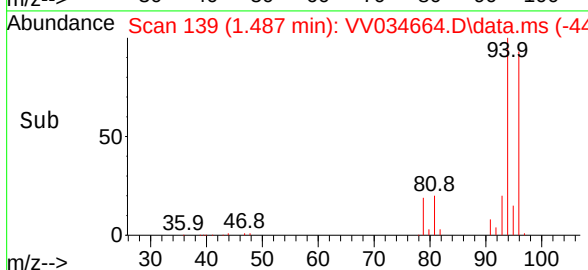
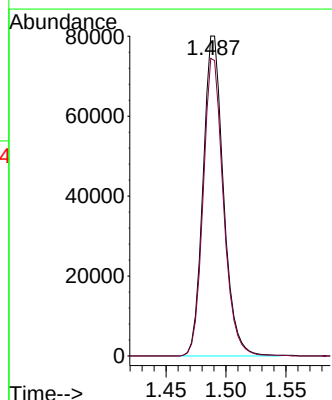
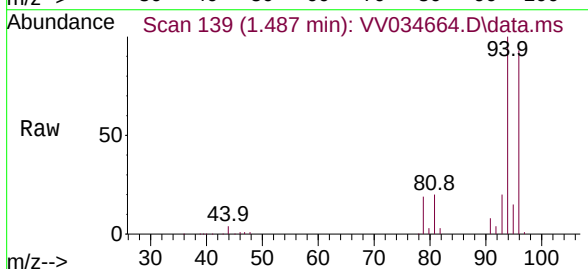
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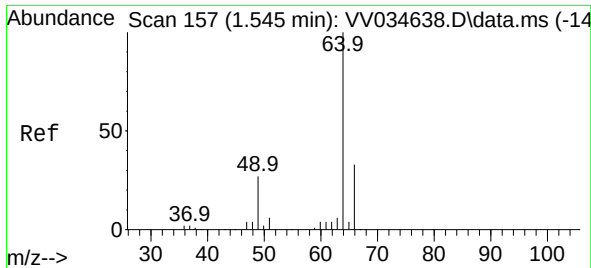
Tgt Ion: 94 Resp: 95104

Ion Ratio Lower Upper

94 100

96 93.0 66.0 122.6





#8

Chloroethane

Concen: 44.044 ug/L

RT: 1.548 min Scan# 157

Delta R.T. 0.003 min

Lab File: VV034664.D

Acq: 15 Mar 2024 19:29

Instrument :

MSVOA_V

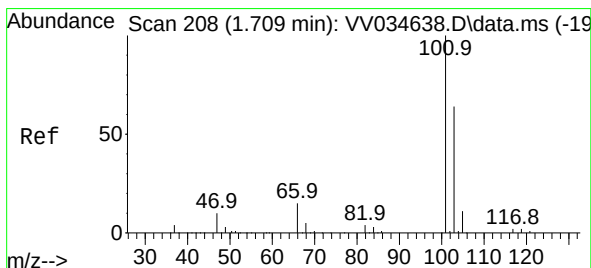
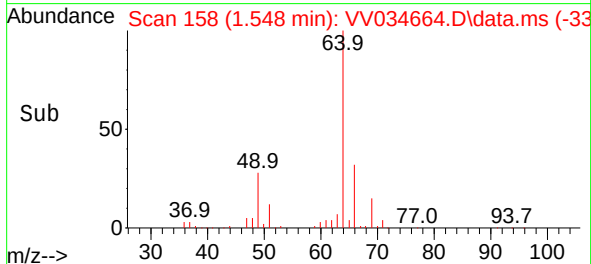
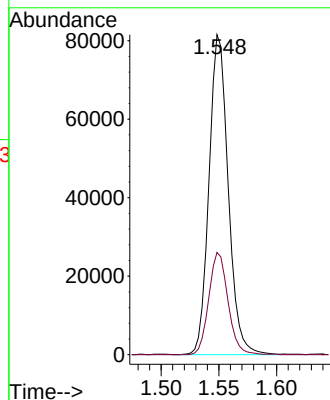
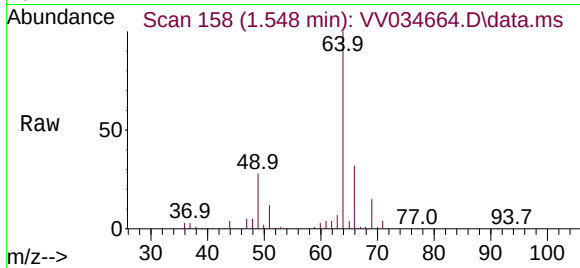
ClientSampleId :

Tgt Ion: 64 Resp: 94285

Ion Ratio Lower Upper

64 100

66 32.0 22.0 40.8



#9

Trichlorofluoromethane

Concen: 42.854 ug/L

RT: 1.712 min Scan# 209

Delta R.T. 0.003 min

Lab File: VV034664.D

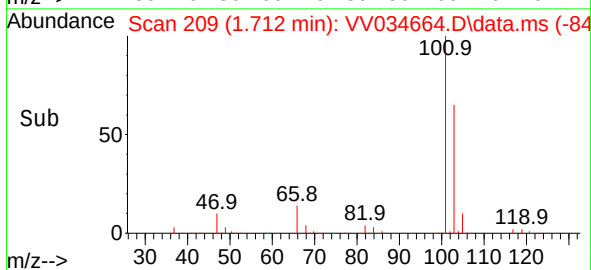
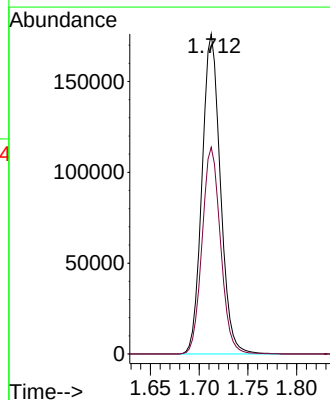
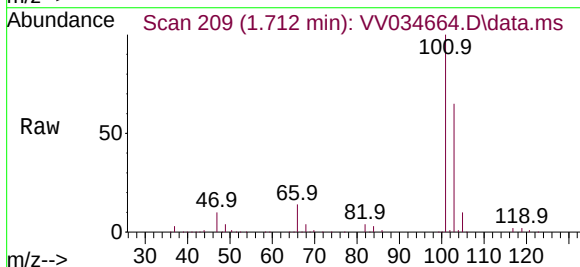
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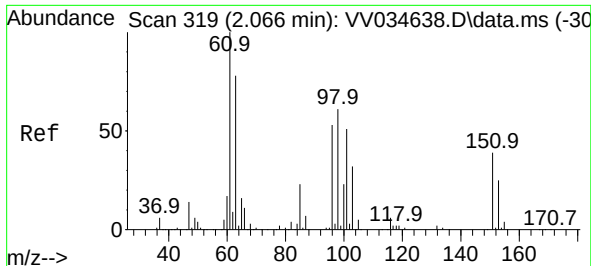
Tgt Ion:101 Resp: 231132

Ion Ratio Lower Upper

101 100

103 64.8 51.8 77.8

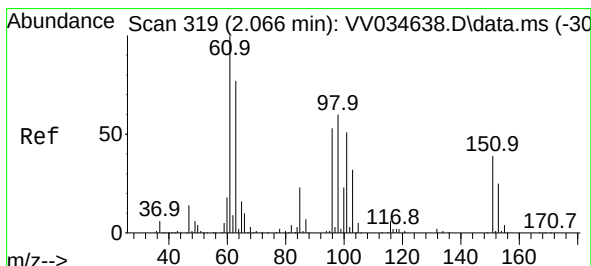
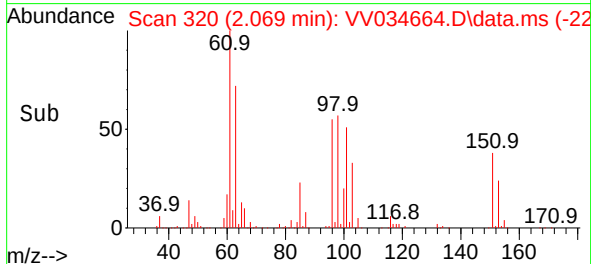
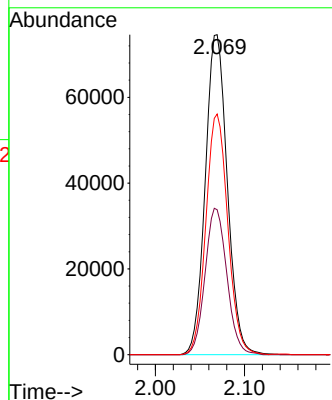
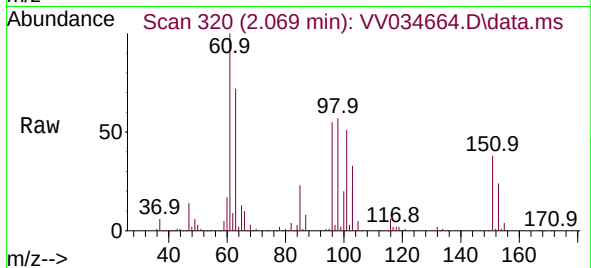




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 44.093 ug/L
RT: 2.069 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV034664.D
Acq: 15 Mar 2024 19:29

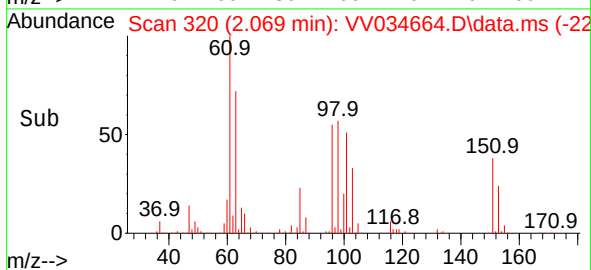
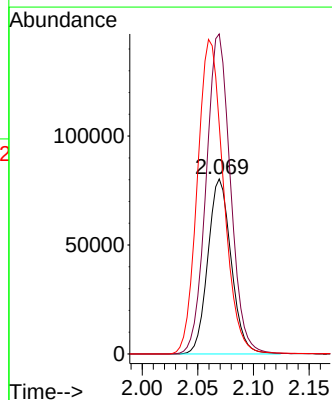
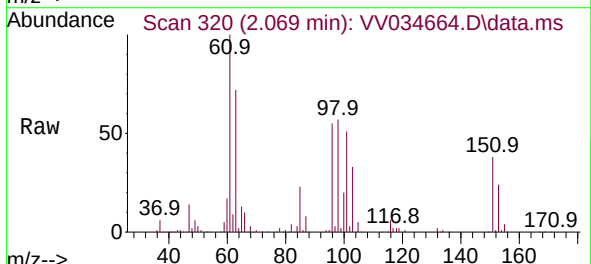
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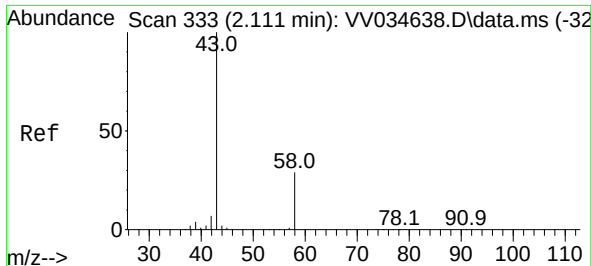
Tgt Ion:101 Resp: 128176
Ion Ratio Lower Upper
101 100
85 45.2 37.4 56.0
151 74.8 61.4 92.2



#12
1,1-Dichloroethene
Concen: 43.404 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.003 min
Lab File: VV034664.D
Acq: 15 Mar 2024 19:29

Tgt Ion: 96 Resp: 116998
Ion Ratio Lower Upper
96 100
61 182.8 128.9 239.3
63 130.9 98.0 182.0





#13

Acetone

Concen: 63.173 ug/L

RT: 2.127 min Scan# 34

Delta R.T. 0.016 min

Lab File: VV034664.D

Acq: 15 Mar 2024 19:29

Instrument :

MSVOA_V

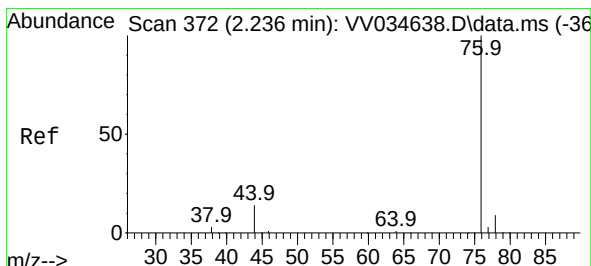
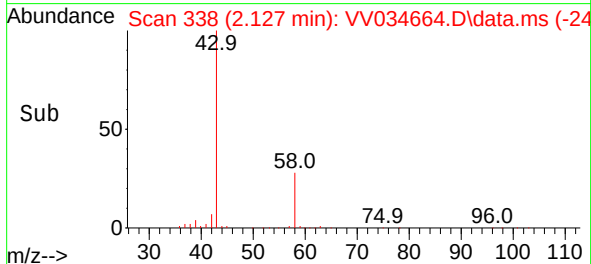
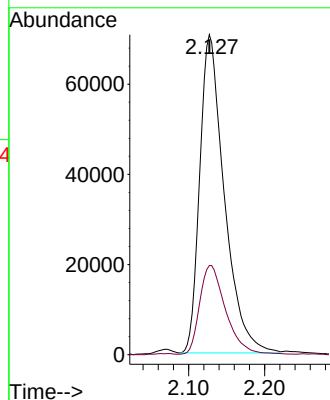
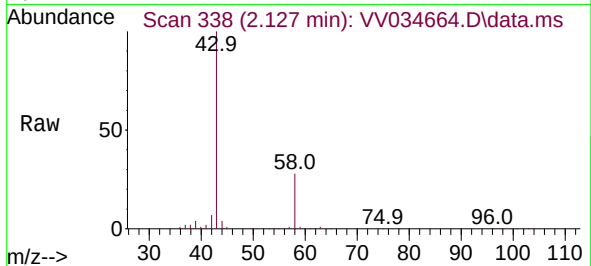
ClientSampleId :

Tgt Ion: 43 Resp: 158489

Ion Ratio Lower Upper

43 100

58 29.5 0.0 57.2



#14

Carbon disulfide

Concen: 44.202 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.003 min

Lab File: VV034664.D

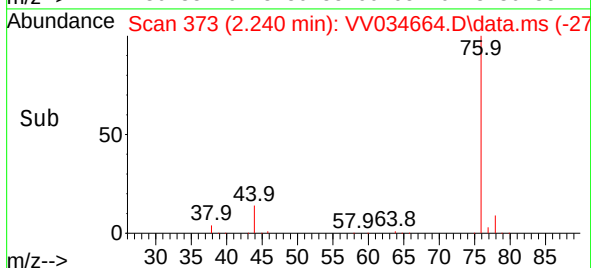
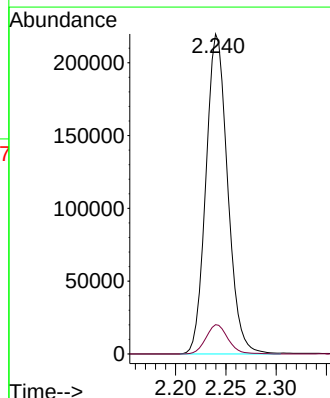
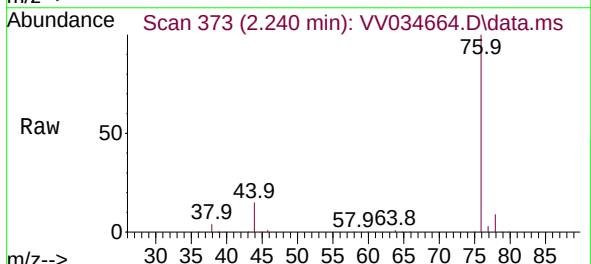
Acq: 15 Mar 2024 19:29

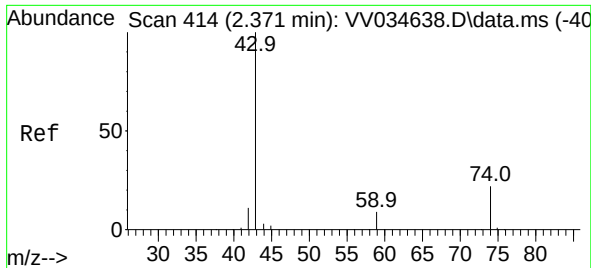
Tgt Ion: 76 Resp: 330674

Ion Ratio Lower Upper

76 100

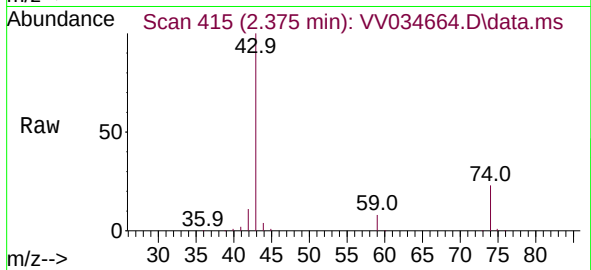
78 9.1 7.5 11.3



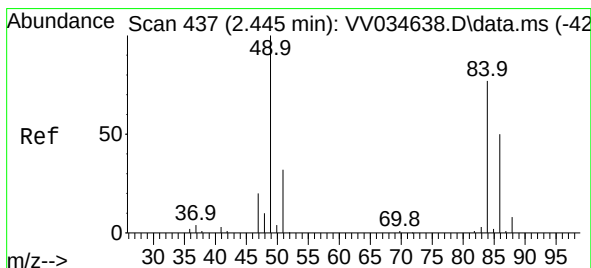
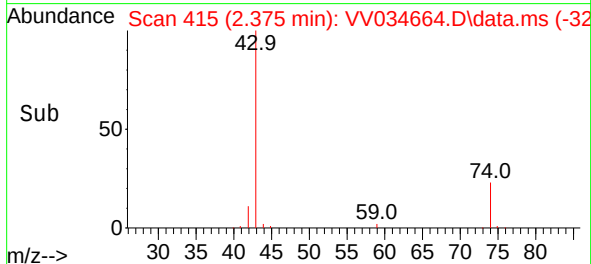
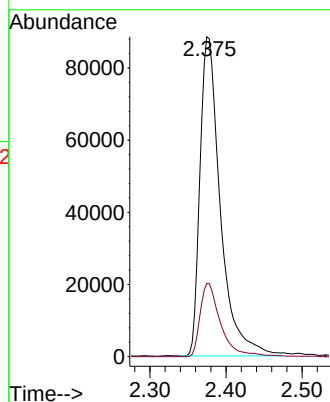


#15
Methyl Acetate
Concen: 51.313 ug/L
RT: 2.375 min Scan# 414
Delta R.T. 0.003 min
Lab File: VV034664.D
Acq: 15 Mar 2024 19:29

Instrument :
MSVOA_V
ClientSampleId :

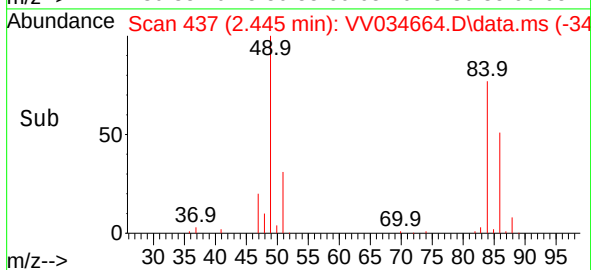
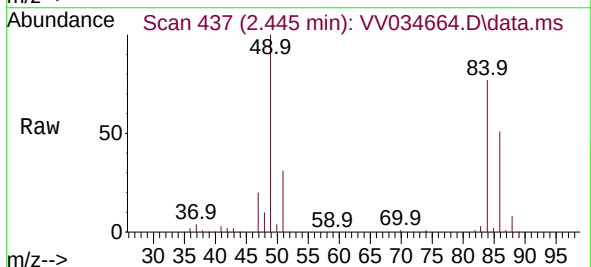
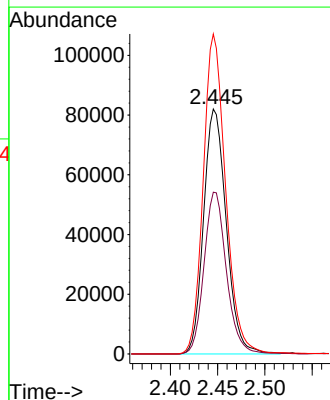


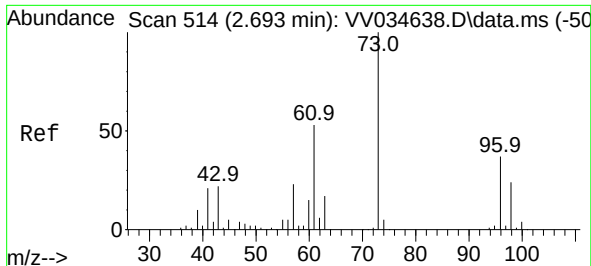
Tgt Ion: 43 Resp: 164695
Ion Ratio Lower Upper
43 100
74 22.9 17.8 26.8



#16
Methylene chloride
Concen: 47.902 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV034664.D
Acq: 15 Mar 2024 19:29

Tgt Ion: 84 Resp: 136964
Ion Ratio Lower Upper
84 100
86 66.0 45.6 84.6
49 130.6 92.3 171.3

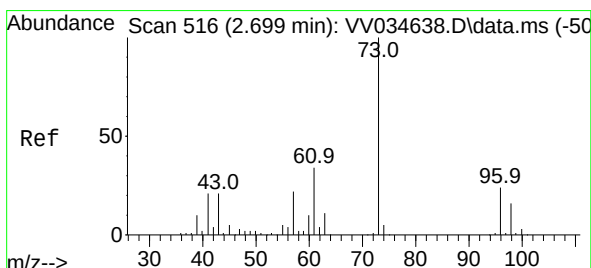
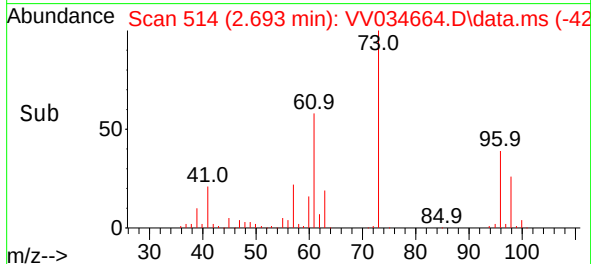
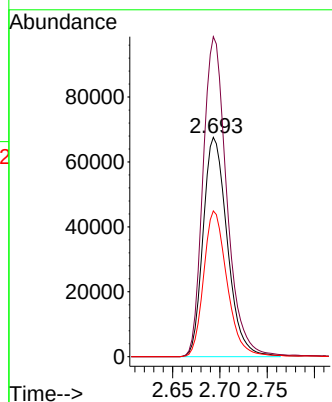
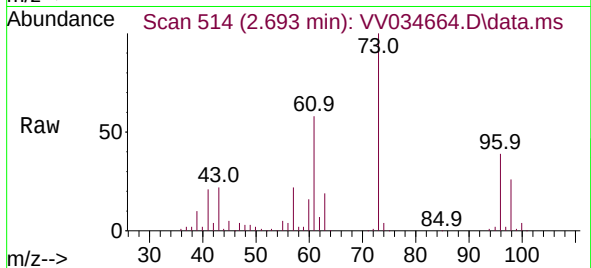




#17
trans-1,2-Dichloroethene
Concen: 46.096 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV034664.D
Acq: 15 Mar 2024 19:29

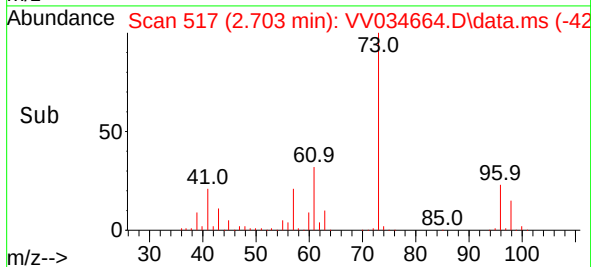
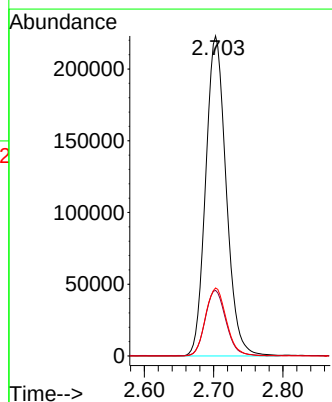
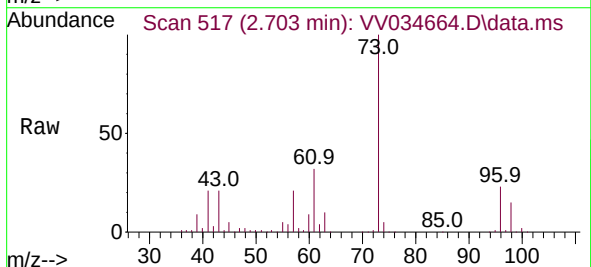
Instrument :
MSVOA_V
ClientSampleId :

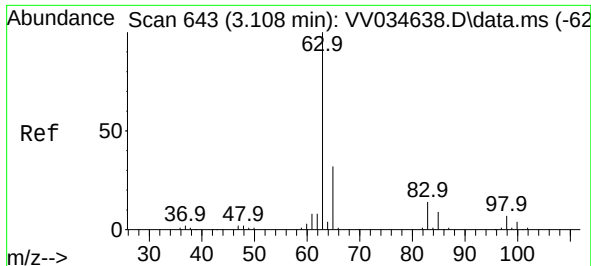
Tgt Ion: 96 Resp: 120264
Ion Ratio Lower Upper
96 100
61 145.9 98.8 183.4
98 66.5 46.1 85.5



#18
Methyl tert-butyl Ether
Concen: 48.861 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV034664.D
Acq: 15 Mar 2024 19:29

Tgt Ion: 73 Resp: 457793
Ion Ratio Lower Upper
73 100
43 20.7 17.1 25.7
57 21.7 17.6 26.4





#19

1,1-Dichloroethane

Concen: 47.886 ug/L

RT: 3.111 min Scan# 643

Delta R.T. 0.003 min

Lab File: VV034664.D

Acq: 15 Mar 2024 19:29

Instrument :

MSVOA_V

ClientSampleId :

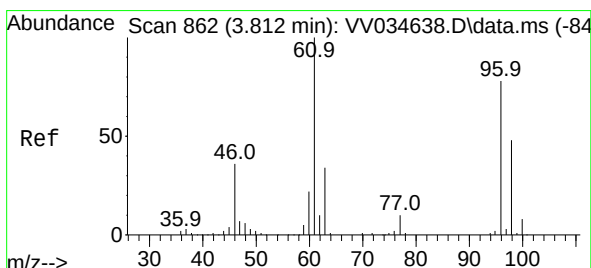
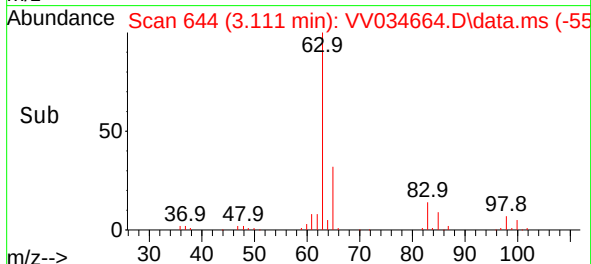
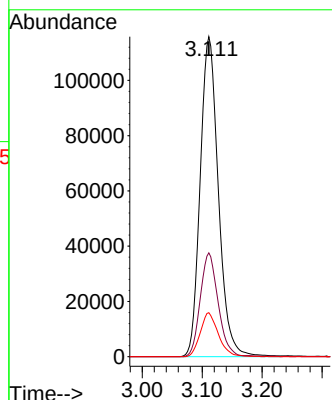
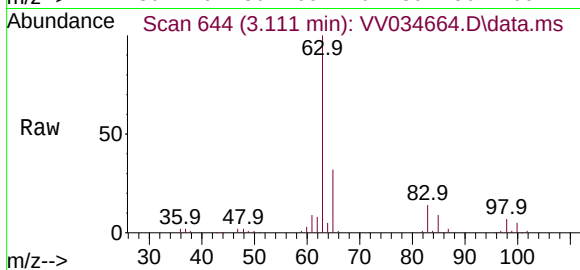
Tgt Ion: 63 Resp: 244741

Ion Ratio Lower Upper

63 100

65 32.4 22.1 41.1

83 13.7 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 47.338 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.000 min

Lab File: VV034664.D

Acq: 15 Mar 2024 19:29

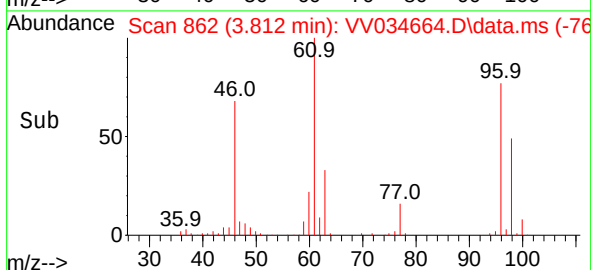
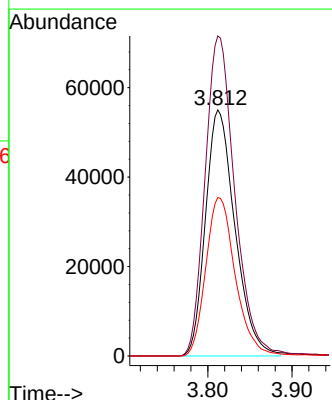
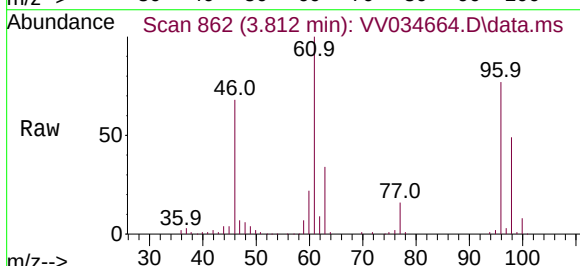
Tgt Ion: 96 Resp: 134002

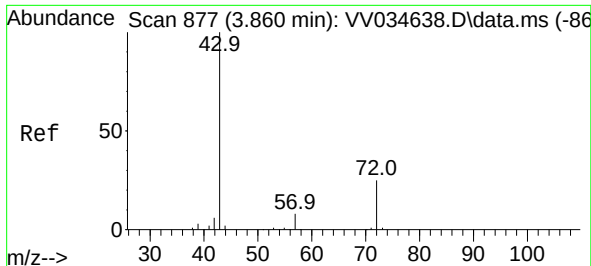
Ion Ratio Lower Upper

96 100

61 130.1 96.0 178.4

98 64.4 46.0 85.4





#22

2-Butanone

Concen: 82.678 ug/L

RT: 3.876 min Scan# 80

Delta R.T. 0.016 min

Lab File: VV034664.D

Acq: 15 Mar 2024 19:29

Instrument :

MSVOA_V

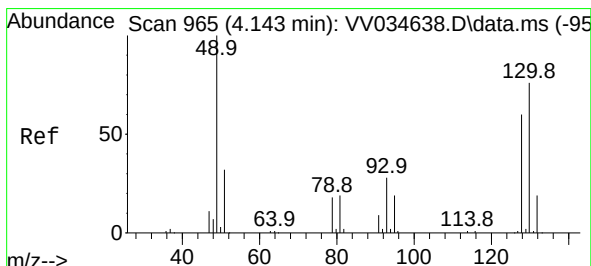
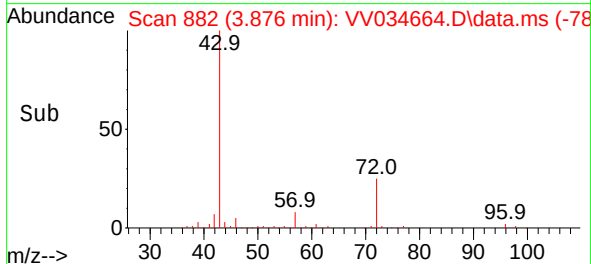
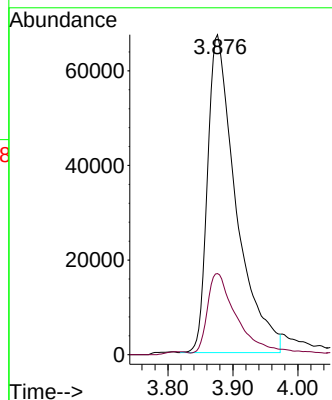
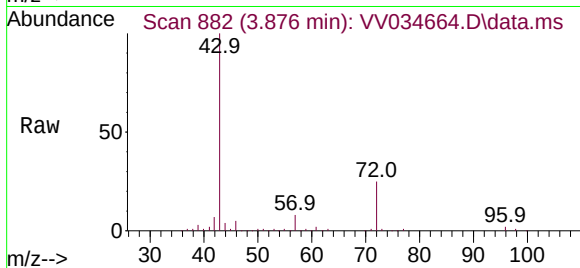
ClientSampleId :

Tgt Ion: 43 Resp: 204827

Ion Ratio Lower Upper

43 100

72 25.7 11.5 34.4



#23

Bromochloromethane

Concen: 47.959 ug/L

RT: 4.146 min Scan# 966

Delta R.T. 0.003 min

Lab File: VV034664.D

Acq: 15 Mar 2024 19:29

Tgt Ion:128 Resp: 70202

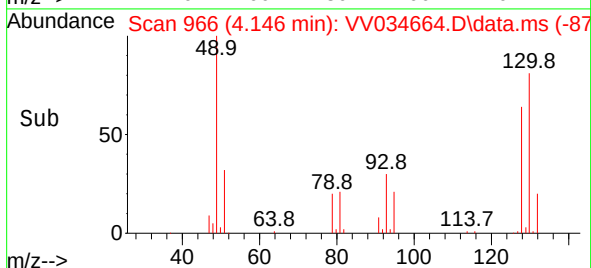
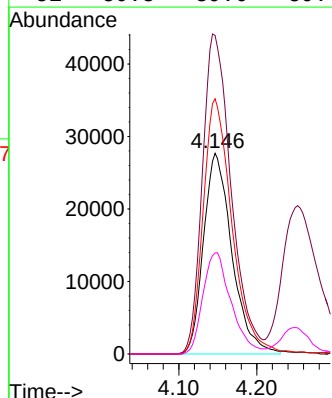
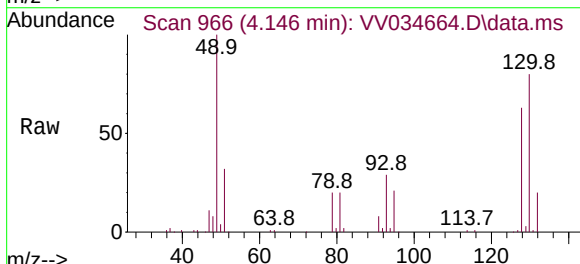
Ion Ratio Lower Upper

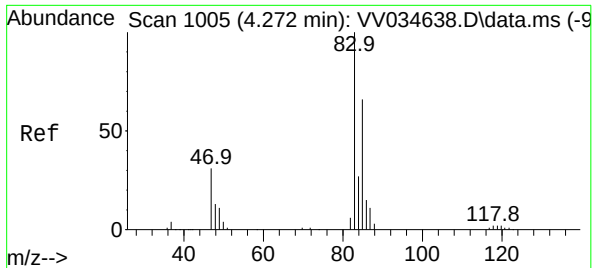
128 100

49 158.7 109.4 203.2

130 127.2 87.7 162.9

51 50.3 39.6 59.4





#25

Chloroform

Concen: 46.763 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV034664.D

Acq: 15 Mar 2024 19:29

Instrument :

MSVOA_V

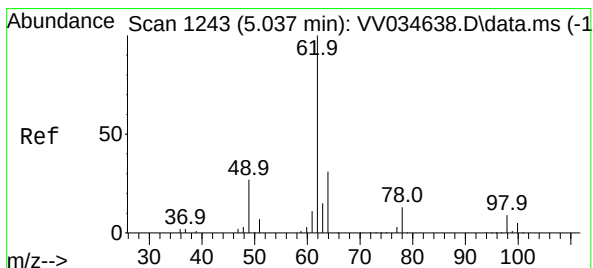
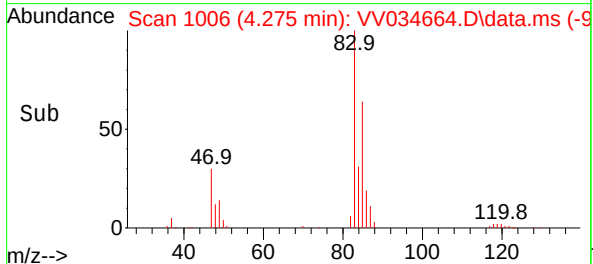
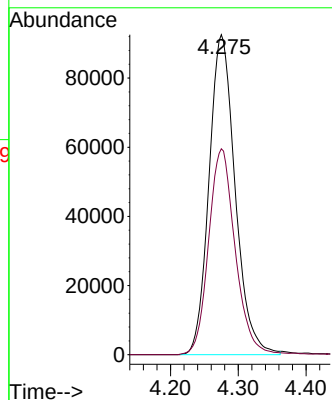
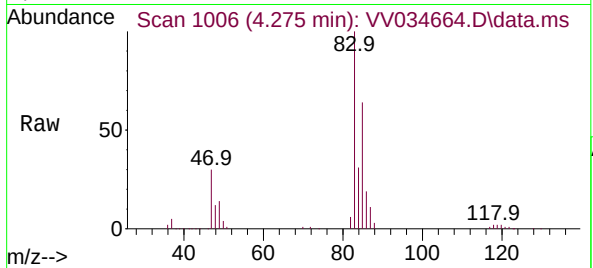
ClientSampleId :

Tgt Ion: 83 Resp: 247718

Ion Ratio Lower Upper

83 100

85 64.4 45.5 84.5



#27

1,2-Dichloroethane

Concen: 46.069 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV034664.D

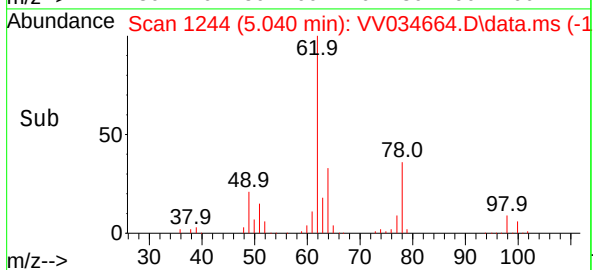
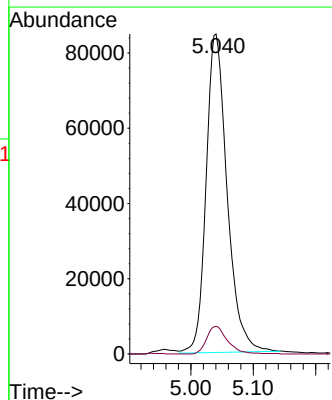
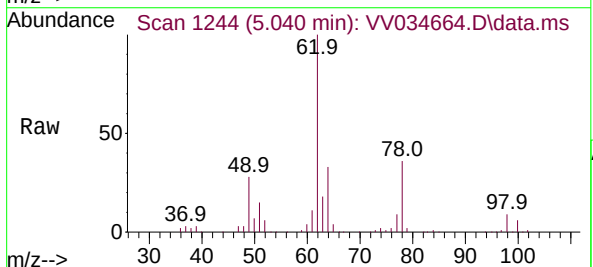
Acq: 15 Mar 2024 19:29

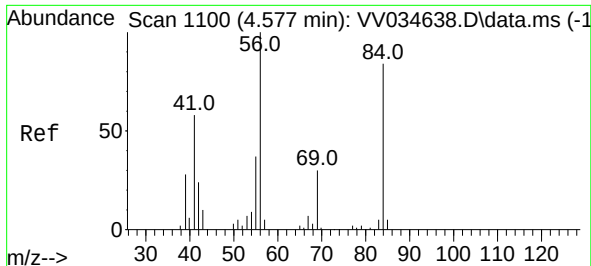
Tgt Ion: 62 Resp: 198278

Ion Ratio Lower Upper

62 100

98 8.6 6.6 10.0





#29

Cyclohexane

Concen: 45.167 ug/L

RT: 4.580 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV034664.D

Acq: 15 Mar 2024 19:29

Instrument :

MSVOA_V

ClientSampleId :

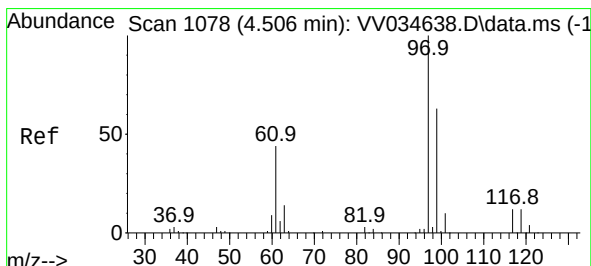
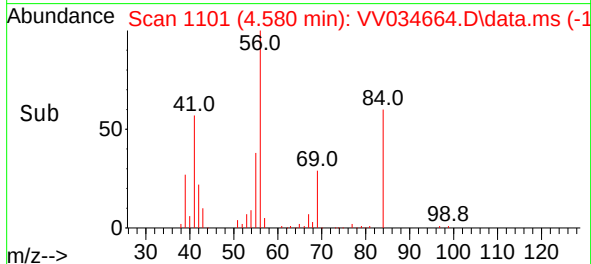
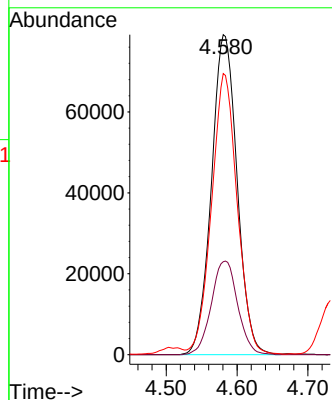
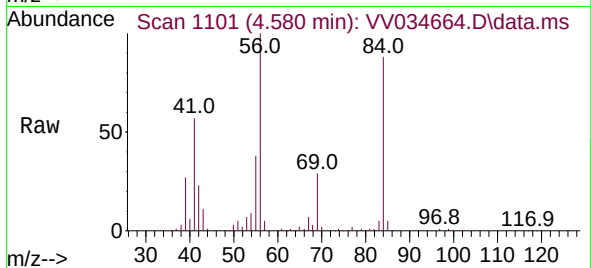
Tgt Ion: 56 Resp: 199075

Ion Ratio Lower Upper

56 100

69 30.0 24.2 36.4

84 87.8 70.5 105.7



#30

1,1,1-Trichloroethane

Concen: 46.377 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.007 min

Lab File: VV034664.D

Acq: 15 Mar 2024 19:29

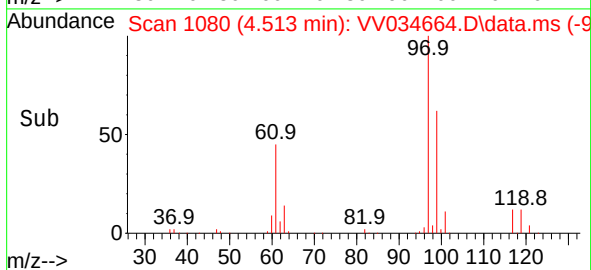
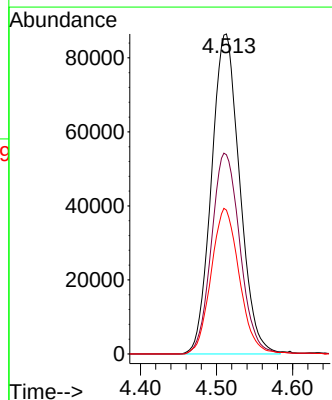
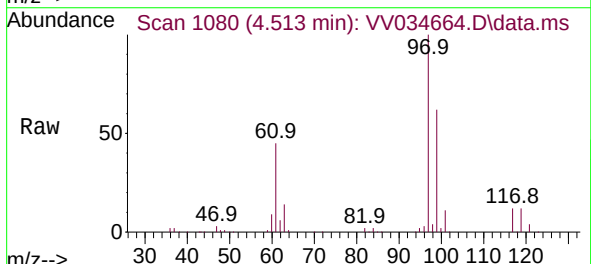
Tgt Ion: 97 Resp: 222848

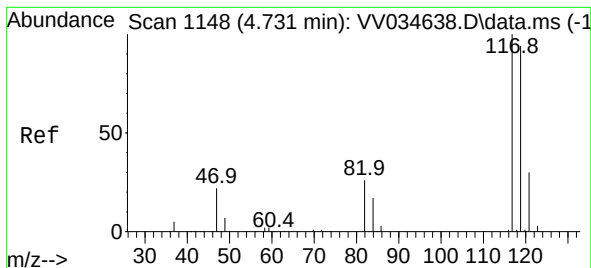
Ion Ratio Lower Upper

97 100

99 63.4 51.3 76.9

61 45.3 36.0 54.0





#31

Carbon tetrachloride

Concen: 45.631 ug/L

RT: 4.735 min Scan# 1148

Delta R.T. 0.003 min

Lab File: VV034664.D

Acq: 15 Mar 2024 19:29

Instrument :

MSVOA_V

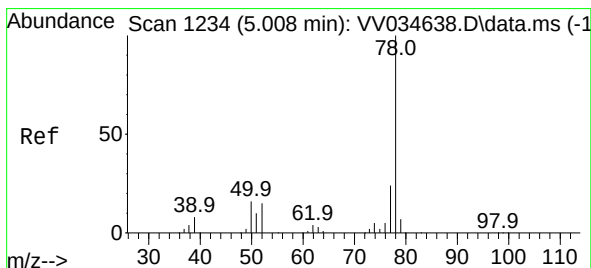
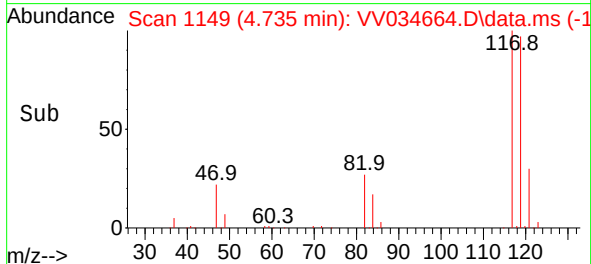
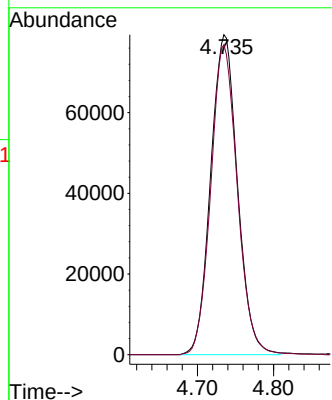
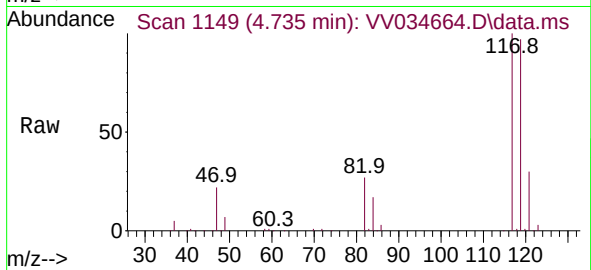
ClientSampleId :

Tgt Ion:117 Resp: 194126

Ion Ratio Lower Upper

117 100

119 95.9 77.5 116.3



#33

Benzene

Concen: 47.456 ug/L

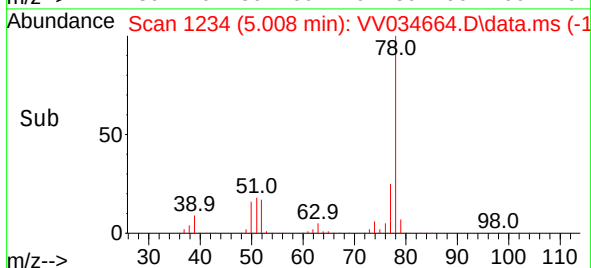
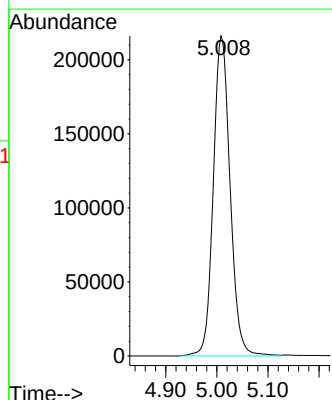
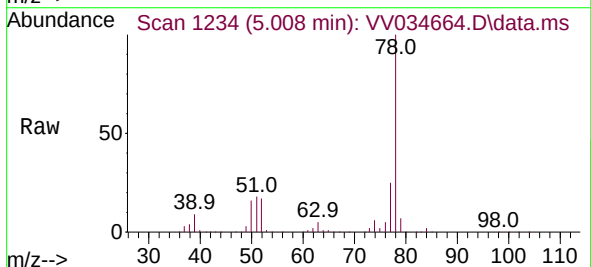
RT: 5.008 min Scan# 1234

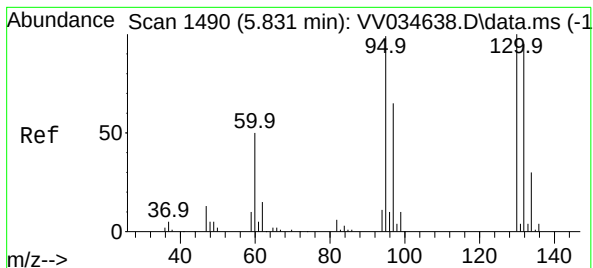
Delta R.T. 0.000 min

Lab File: VV034664.D

Acq: 15 Mar 2024 19:29

Tgt Ion: 78 Resp: 493596





#34

Trichloroethene

Concen: 44.174 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VV034664.D

Acq: 15 Mar 2024 19:29

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 130602

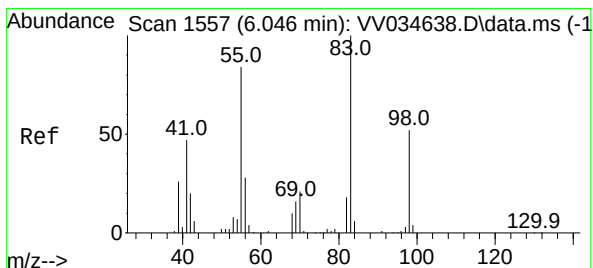
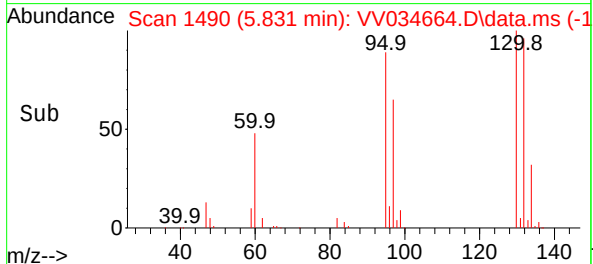
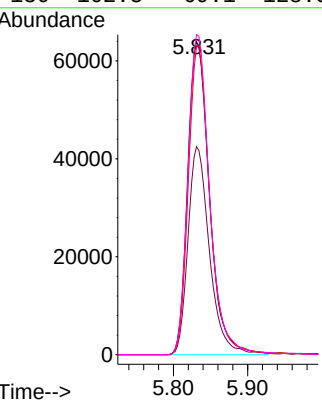
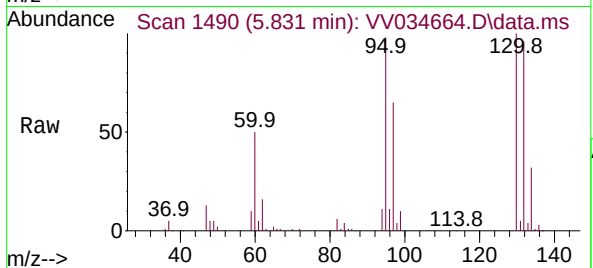
Ion Ratio Lower Upper

95 100

97 66.4 44.7 83.1

132 98.4 65.3 121.3

130 102.3 69.1 128.3



#35

Methylcyclohexane

Concen: 44.866 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV034664.D

Acq: 15 Mar 2024 19:29

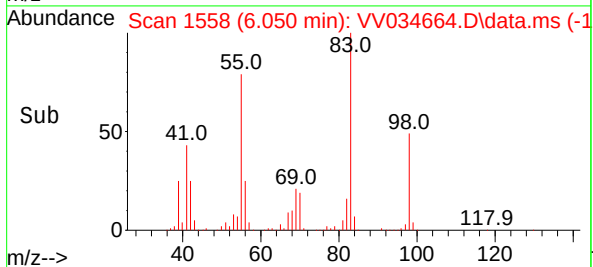
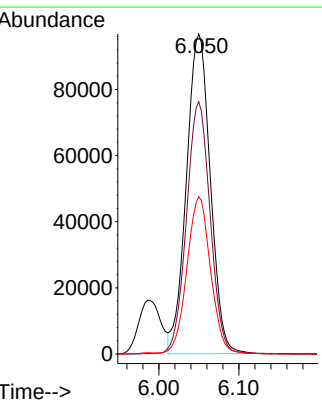
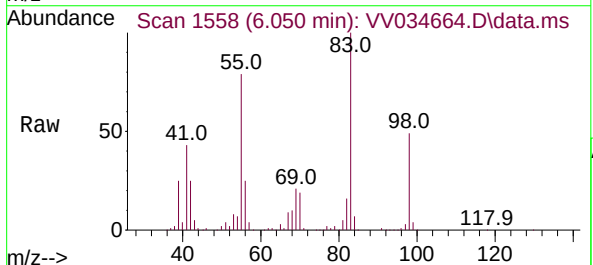
Tgt Ion: 83 Resp: 201659

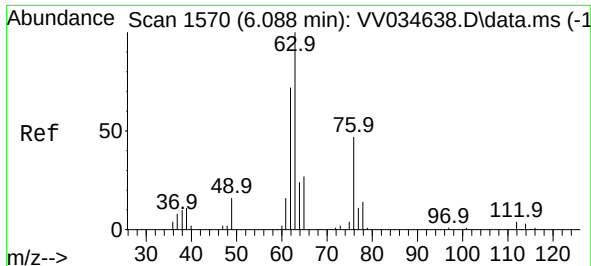
Ion Ratio Lower Upper

83 100

55 78.0 62.6 94.0

98 48.1 39.5 59.3

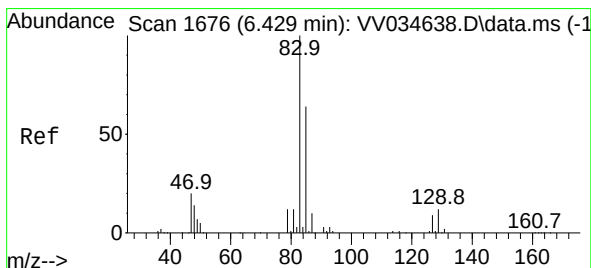
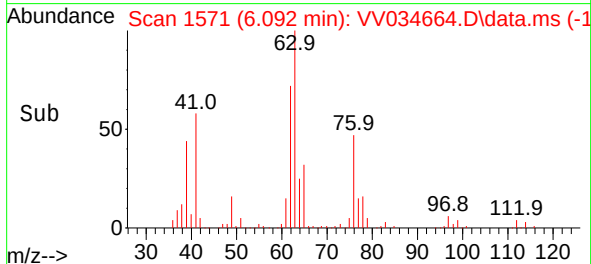
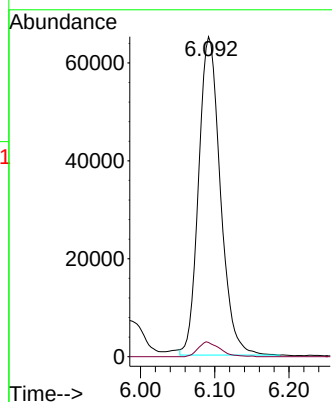
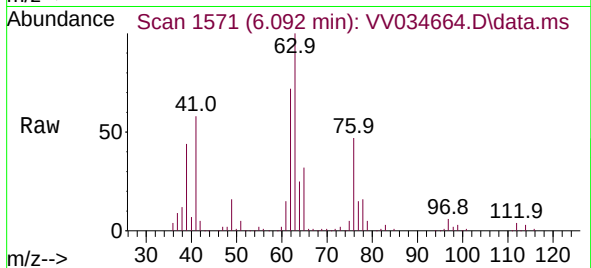




#37
1,2-Dichloropropane
Concen: 48.621 ug/L
RT: 6.092 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV034664.D
Acq: 15 Mar 2024 19:29

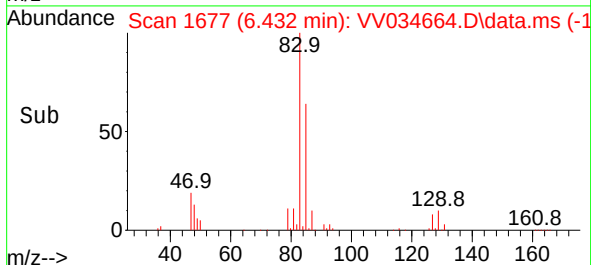
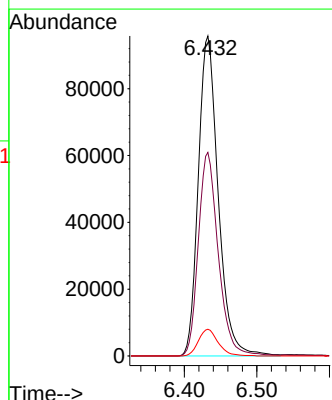
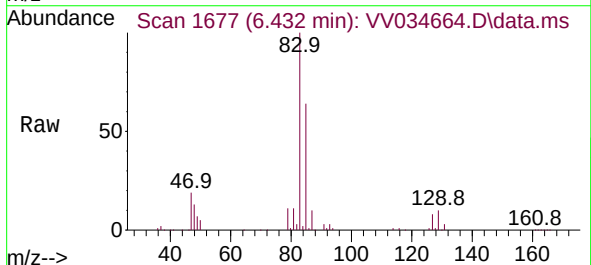
Instrument :
MSVOA_V
ClientSampleId :

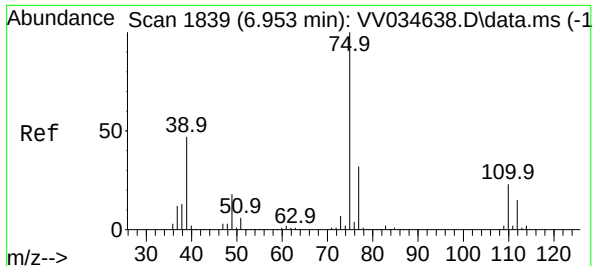
Tgt Ion: 63 Resp: 132401
Ion Ratio Lower Upper
63 100
112 4.6 3.5 5.3



#38
Bromodichloromethane
Concen: 47.738 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.003 min
Lab File: VV034664.D
Acq: 15 Mar 2024 19:29

Tgt Ion: 83 Resp: 182855
Ion Ratio Lower Upper
83 100
85 63.6 44.6 82.8
127 8.3 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 46.615 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. 0.000 min

Lab File: VV034664.D

Acq: 15 Mar 2024 19:29

Instrument :

MSVOA_V

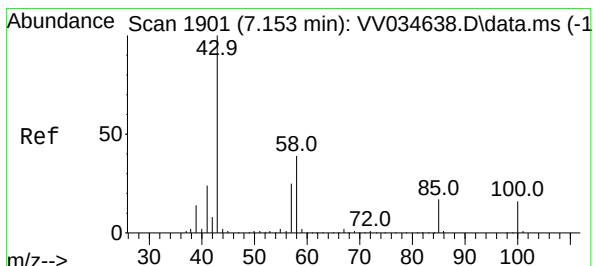
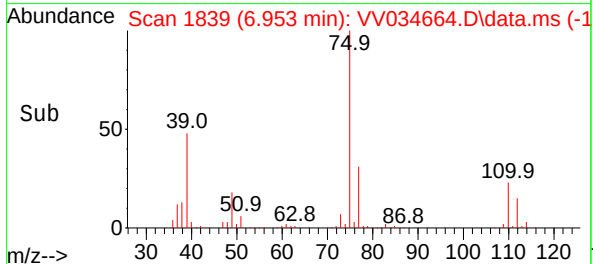
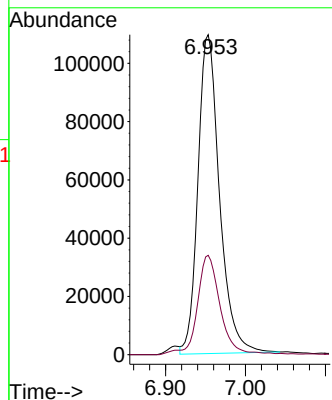
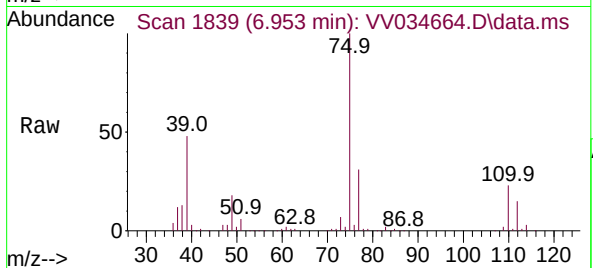
ClientSampleId :

Tgt Ion: 75 Resp: 205666

Ion Ratio Lower Upper

75 100

77 31.0 20.9 38.9



#40

4-Methyl-2-pentanone

Concen: 103.536 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.003 min

Lab File: VV034664.D

Acq: 15 Mar 2024 19:29

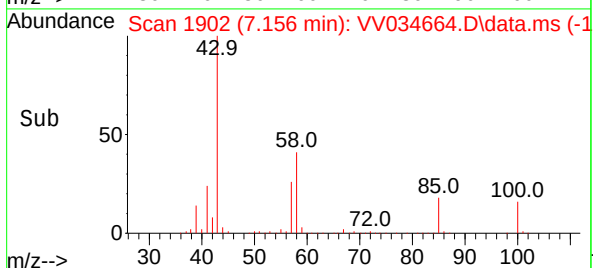
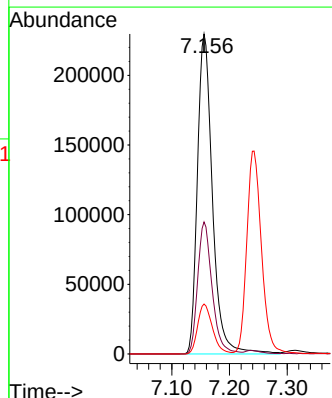
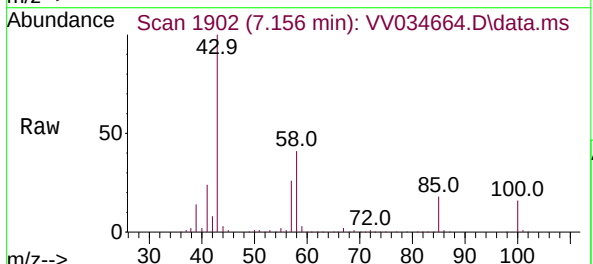
Tgt Ion: 43 Resp: 415739

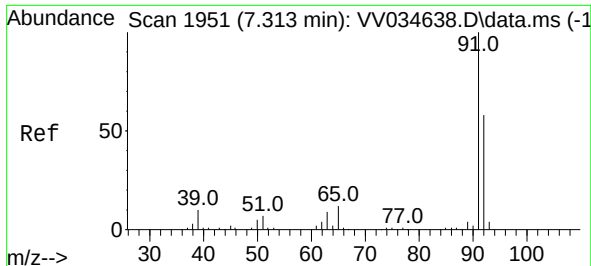
Ion Ratio Lower Upper

43 100

58 39.5 30.6 46.0

100 15.3 12.5 18.7





#42

Toluene

Concen: 47.115 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV034664.D

Acq: 15 Mar 2024 19:29

Instrument :

MSVOA_V

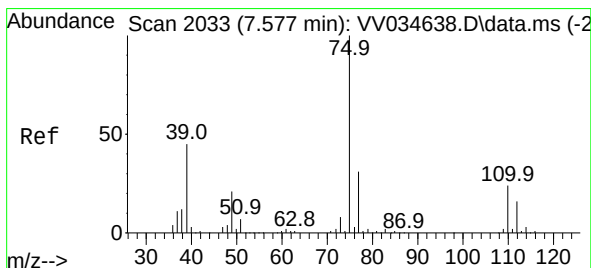
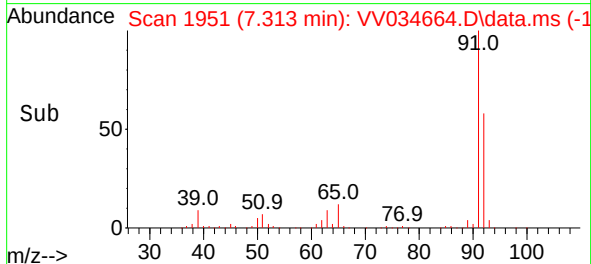
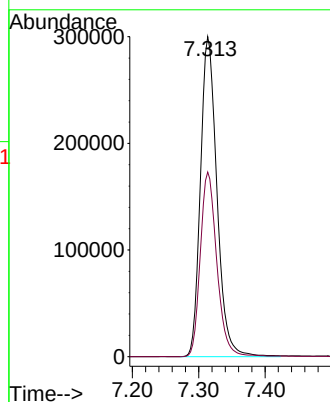
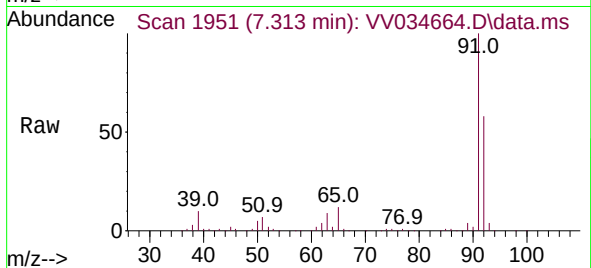
ClientSampleId :

Tgt Ion: 91 Resp: 518640

Ion Ratio Lower Upper

91 100

92 57.7 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 47.471 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV034664.D

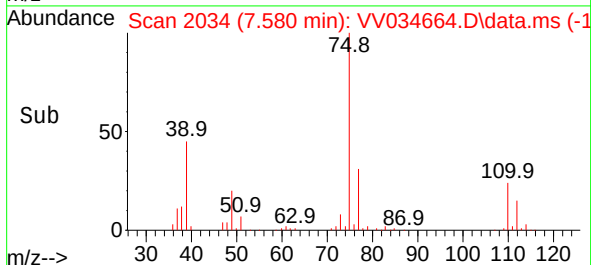
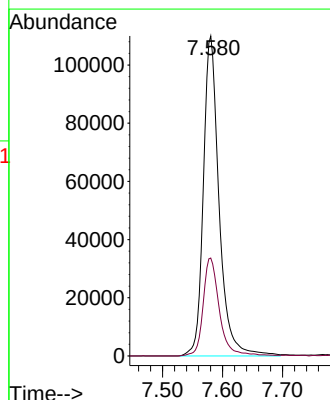
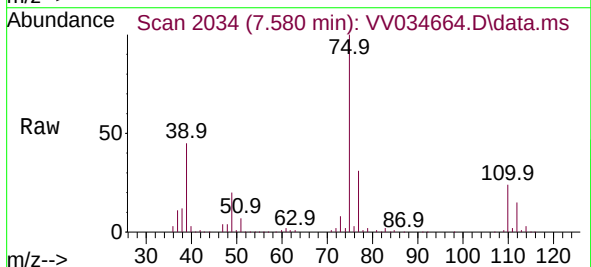
Acq: 15 Mar 2024 19:29

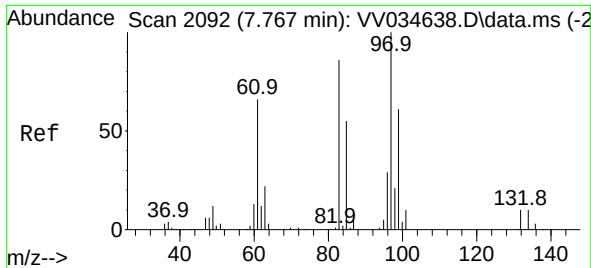
Tgt Ion: 75 Resp: 201435

Ion Ratio Lower Upper

75 100

77 30.6 21.8 40.4

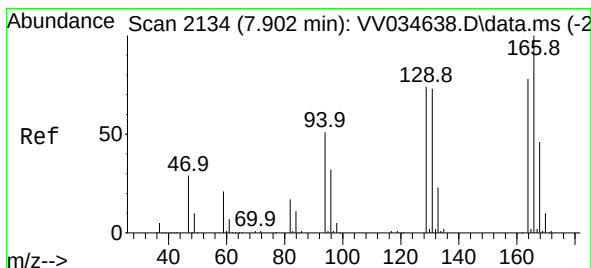
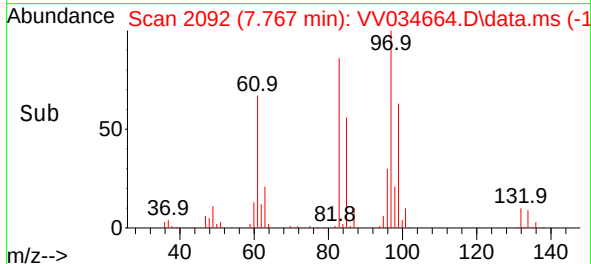
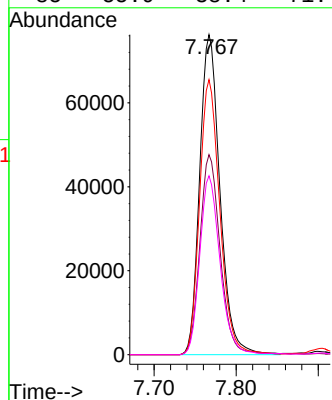
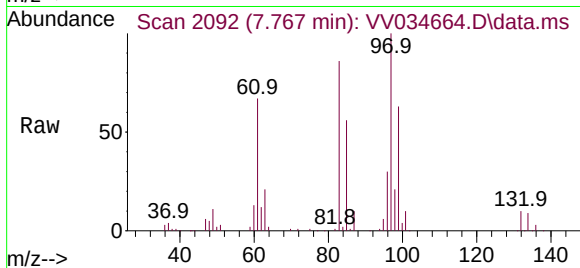




#45
1,1,2-Trichloroethane
Concen: 49.887 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV034664.D
Acq: 15 Mar 2024 19:29

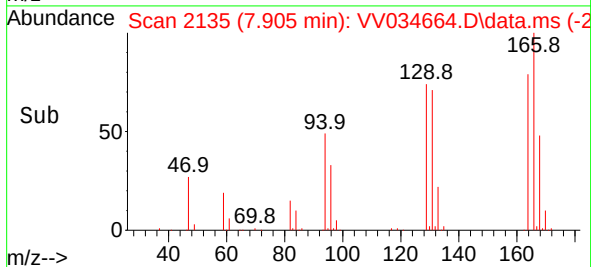
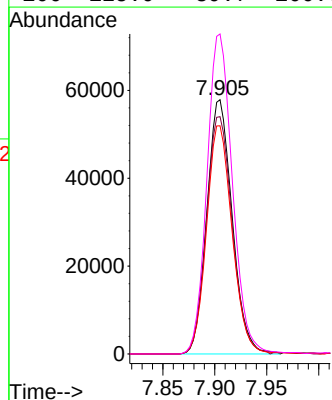
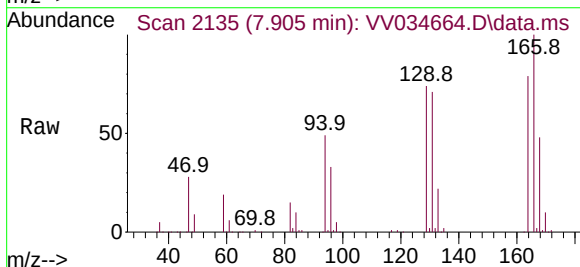
Instrument :
MSVOA_V
ClientSampleId :

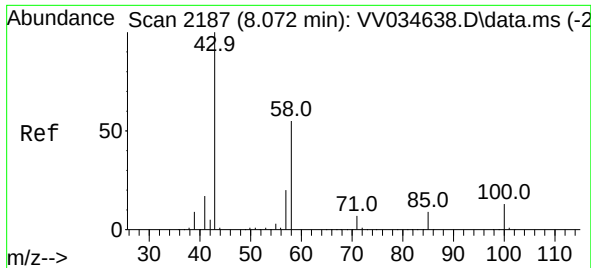
Tgt Ion:	97	Resp:	131076
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.8	81.4
83	85.9	59.4	110.2
85	55.9	38.4	71.4



#46
Tetrachloroethene
Concen: 44.740 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV034664.D
Acq: 15 Mar 2024 19:29

Tgt Ion:	164	Resp:	98373
Ion	Ratio	Lower	Upper
164	100		
129	93.3	65.7	121.9
131	89.7	62.2	115.6
166	125.9	89.7	166.7





#48

2-Hexanone

Concen: 101.569 ug/L

RT: 8.075 min Scan# 2187

Delta R.T. 0.003 min

Lab File: VV034664.D

Acq: 15 Mar 2024 19:29

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 324984

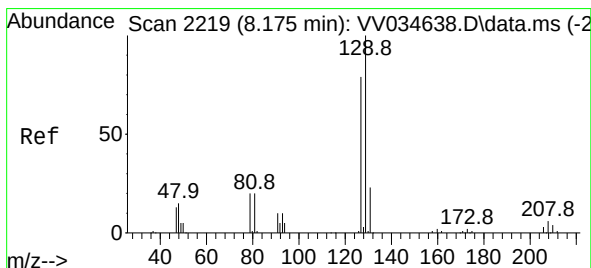
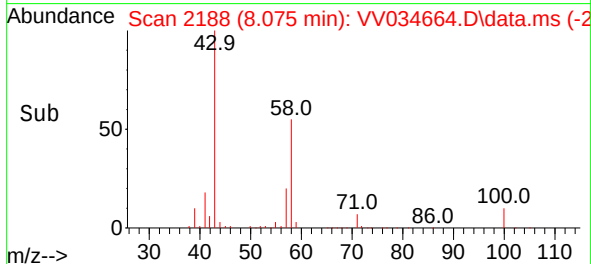
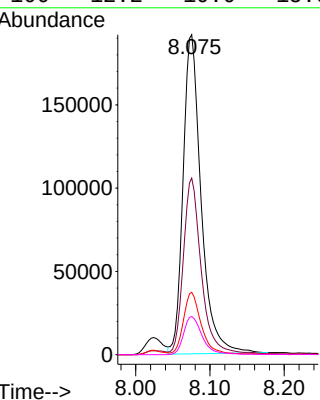
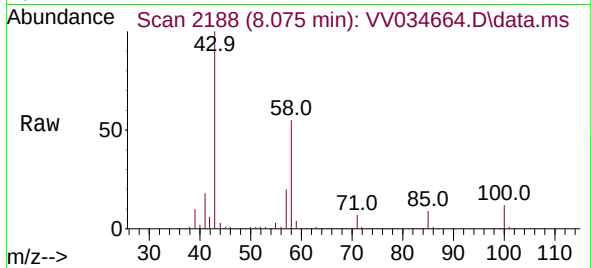
Ion Ratio Lower Upper

43 100

58 53.3 42.0 63.0

57 18.9 15.2 22.8

100 12.2 10.0 15.0



#49

Dibromochloromethane

Concen: 49.069 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.000 min

Lab File: VV034664.D

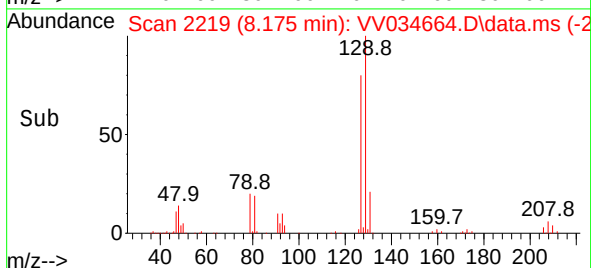
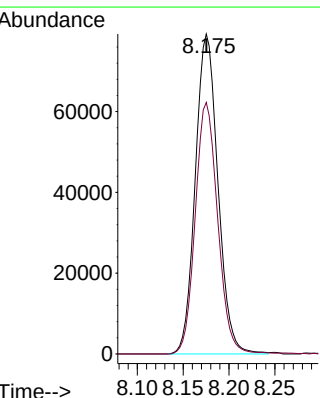
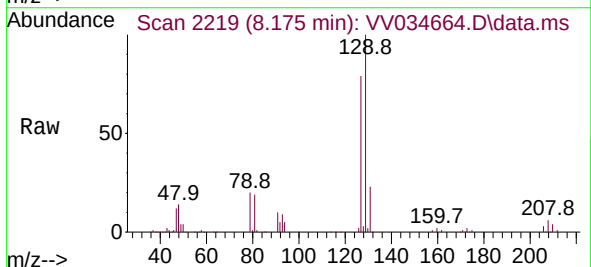
Acq: 15 Mar 2024 19:29

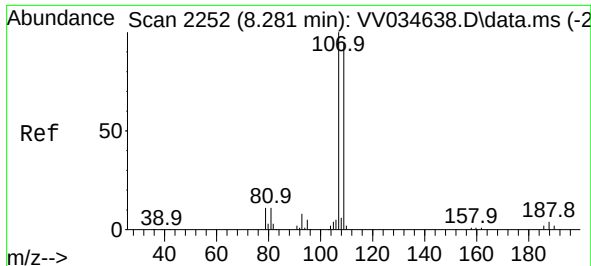
Tgt Ion:129 Resp: 136053

Ion Ratio Lower Upper

129 100

127 78.6 53.3 98.9

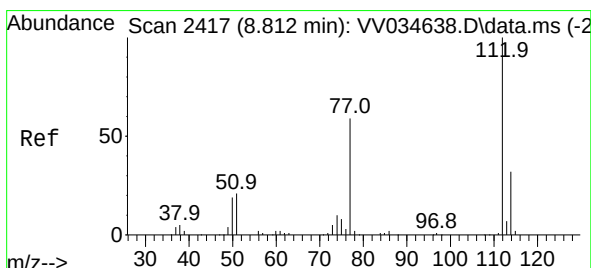
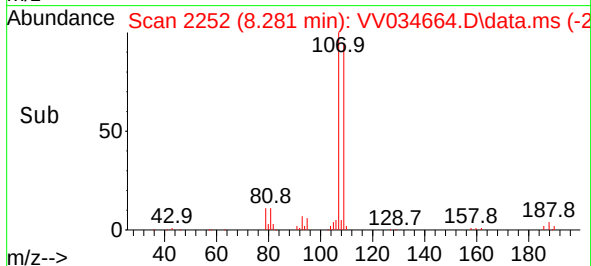
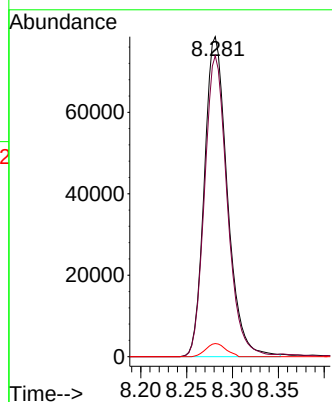
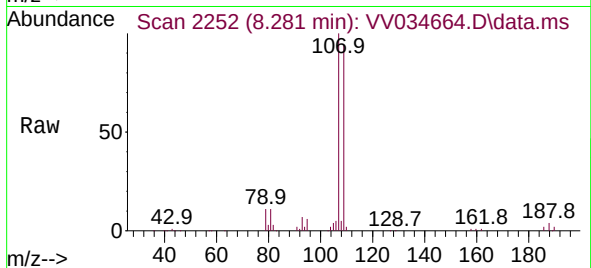




#50
1,2-Dibromoethane
Concen: 49.174 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034664.D
Acq: 15 Mar 2024 19:29

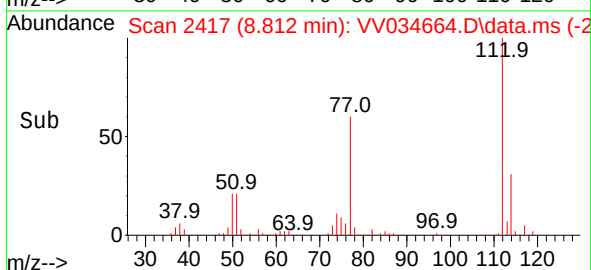
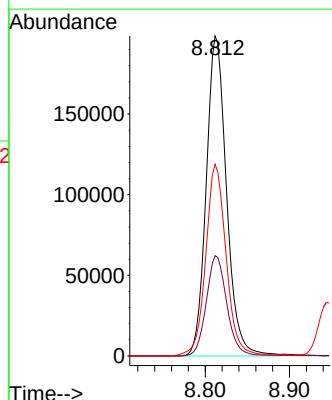
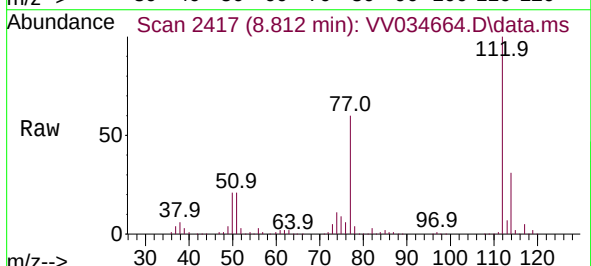
Instrument :
MSVOA_V
ClientSampleId :

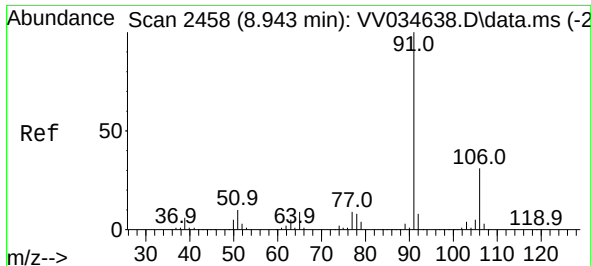
Tgt Ion:107 Resp: 137101
Ion Ratio Lower Upper
107 100
109 94.0 66.5 123.5
188 4.1 3.4 5.2



#51
Chlorobenzene
Concen: 46.729 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV034664.D
Acq: 15 Mar 2024 19:29

Tgt Ion:112 Resp: 332542
Ion Ratio Lower Upper
112 100
114 31.3 22.3 41.5
77 59.9 47.7 71.5





#52

Ethylbenzene

Concen: 47.366 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. 0.000 min

Lab File: VV034664.D

Acq: 15 Mar 2024 19:29

Instrument :

MSVOA_V

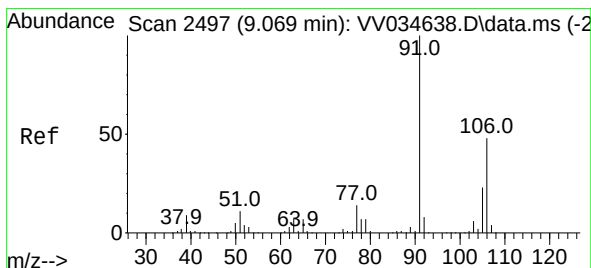
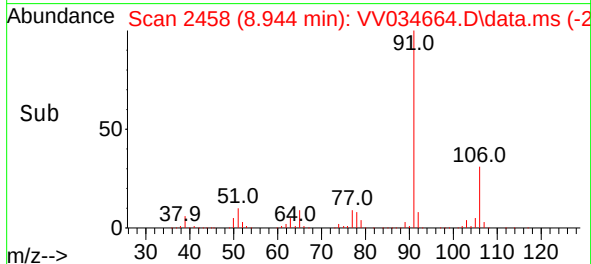
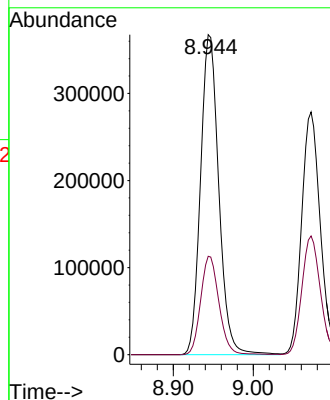
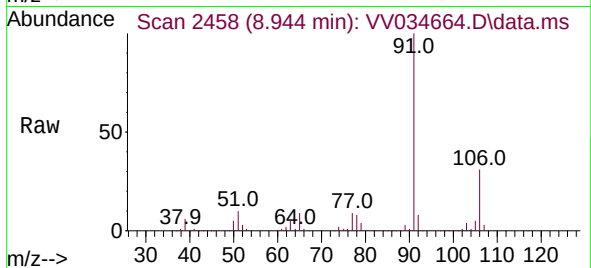
ClientSampleId :

Tgt Ion: 91 Resp: 584226

Ion Ratio Lower Upper

91 100

106 30.8 21.3 39.5



#53

m,p-Xylene

Concen: 46.833 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.003 min

Lab File: VV034664.D

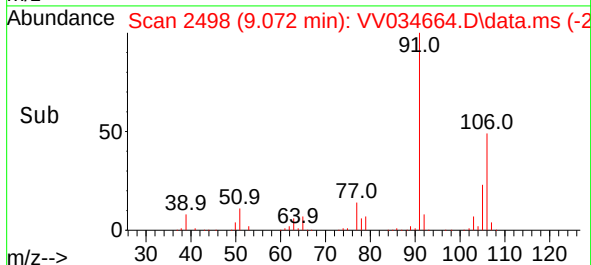
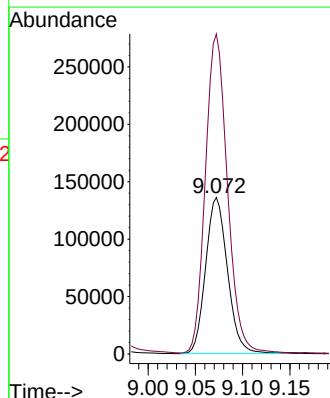
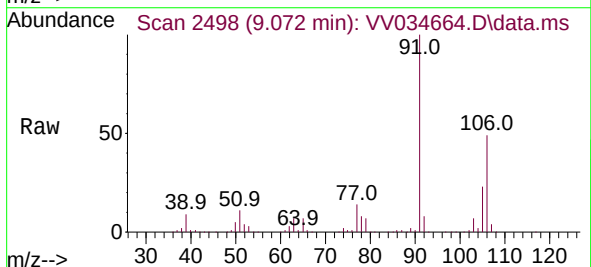
Acq: 15 Mar 2024 19:29

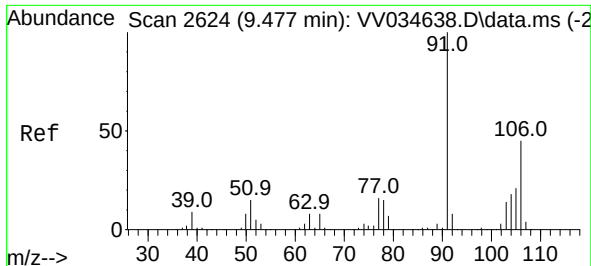
Tgt Ion:106 Resp: 219207

Ion Ratio Lower Upper

106 100

91 204.6 145.3 269.9

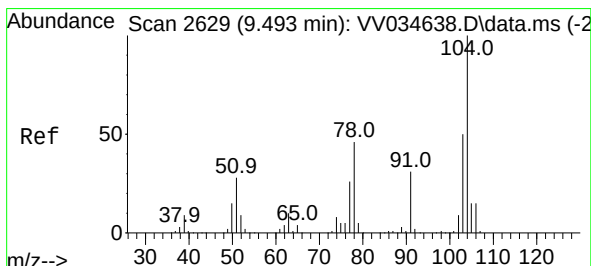
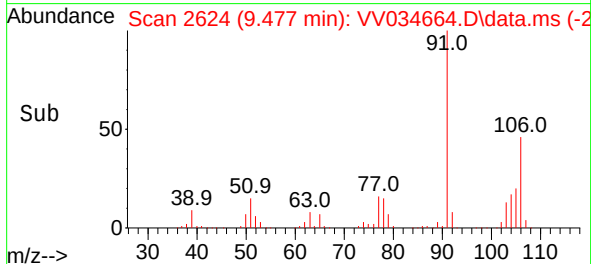
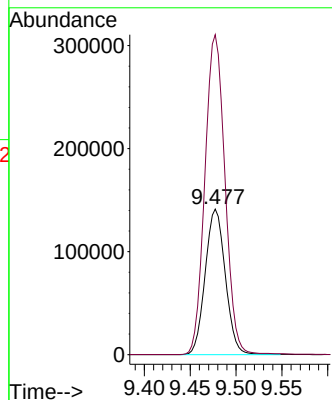
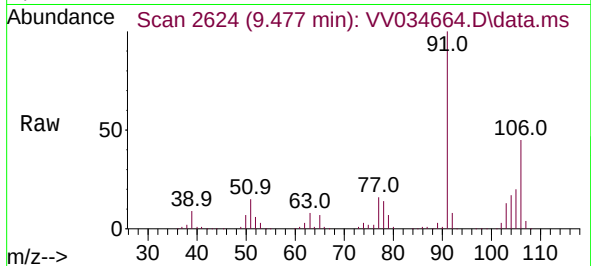




#54
o-Xylene
Concen: 47.173 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV034664.D
Acq: 15 Mar 2024 19:29

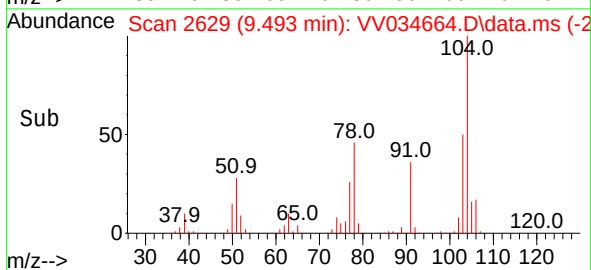
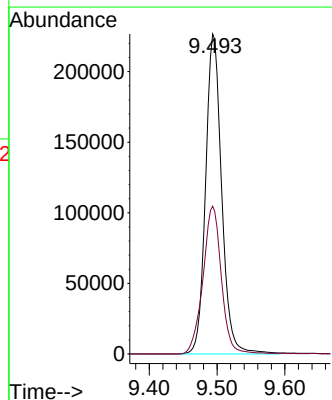
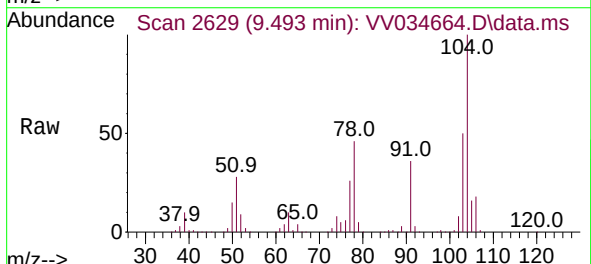
Instrument :
MSVOA_V
ClientSampleId :

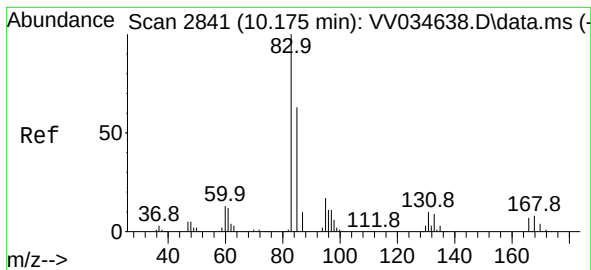
Tgt Ion:106 Resp: 216210
Ion Ratio Lower Upper
106 100
91 219.8 152.2 282.7



#55
Styrene
Concen: 48.123 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV034664.D
Acq: 15 Mar 2024 19:29

Tgt Ion:104 Resp: 373445
Ion Ratio Lower Upper
104 100
78 46.2 33.0 61.4

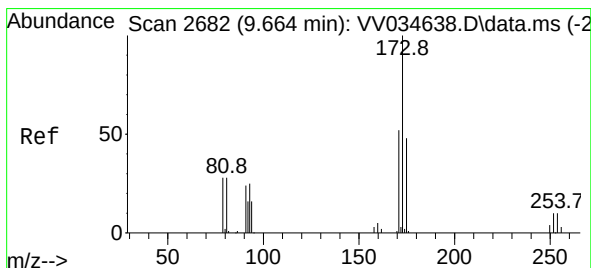
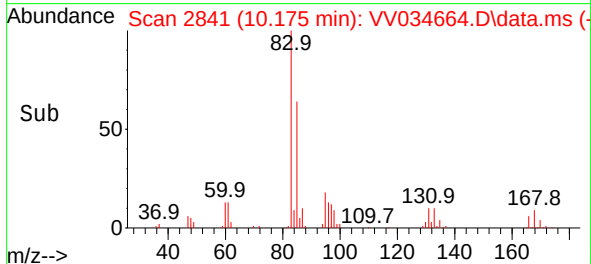
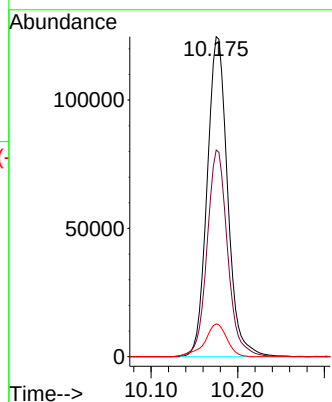
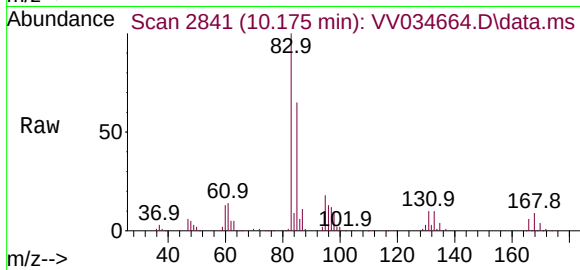




#57
1,1,2,2-Tetrachloroethane
Concen: 51.851 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV034664.D
Acq: 15 Mar 2024 19:29

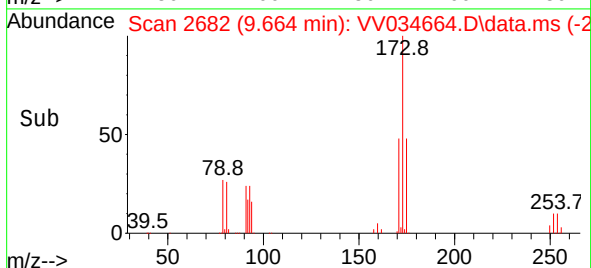
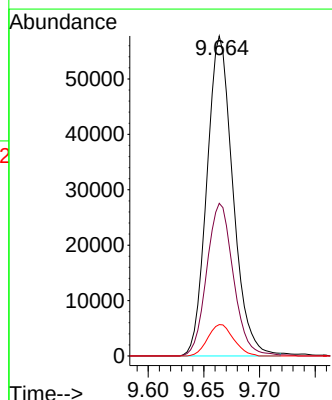
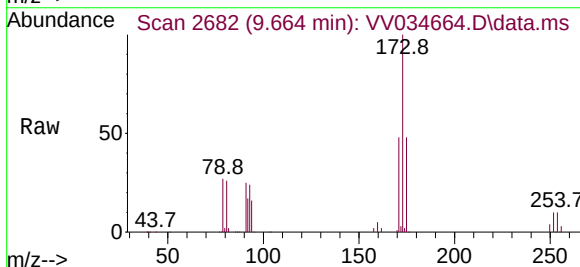
Instrument :
MSVOA_V
ClientSampleId :

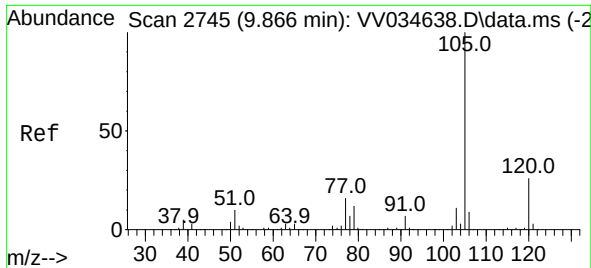
Tgt Ion: 83 Resp: 204620
Ion Ratio Lower Upper
83 100
85 64.6 45.4 84.2
131 10.3 8.3 12.5



#59
Bromoform
Concen: 48.793 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV034664.D
Acq: 15 Mar 2024 19:29

Tgt Ion: 173 Resp: 93857
Ion Ratio Lower Upper
173 100
175 48.9 39.1 58.7
254 9.7 7.8 11.8

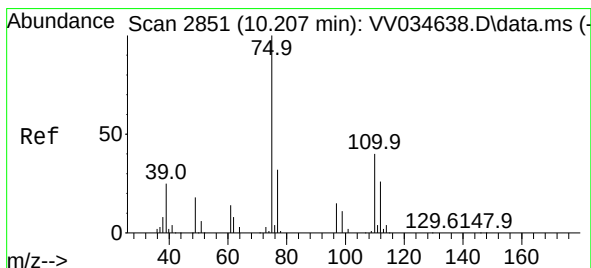
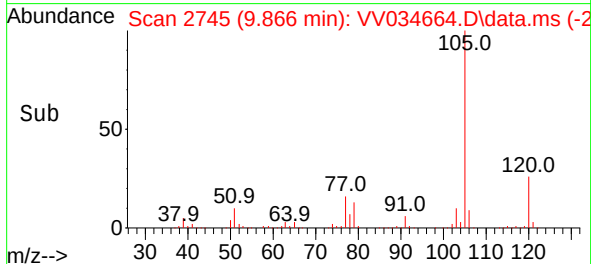
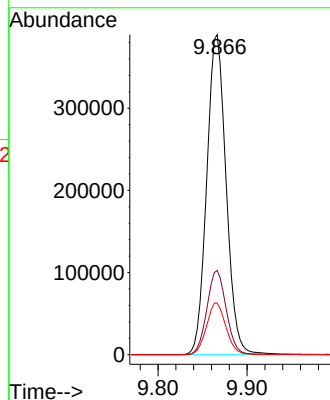
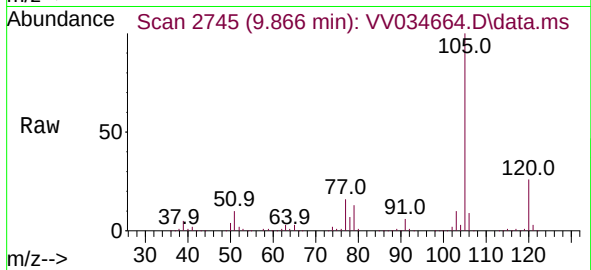




#60
Isopropylbenzene
Concen: 47.933 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034664.D
Acq: 15 Mar 2024 19:29

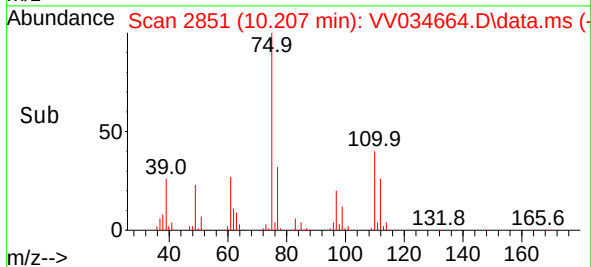
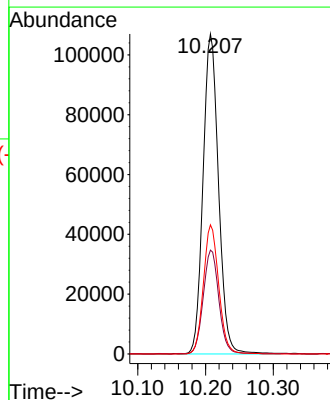
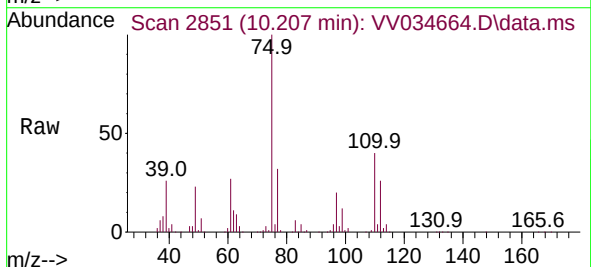
Instrument :
MSVOA_V
ClientSampleId :

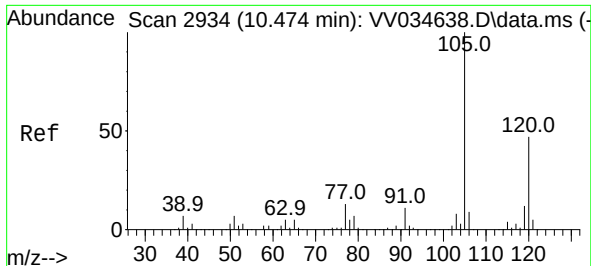
Tgt Ion:105 Resp: 588166
Ion Ratio Lower Upper
105 100
120 26.3 20.8 31.2
77 16.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 51.258 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV034664.D
Acq: 15 Mar 2024 19:29

Tgt Ion: 75 Resp: 169760
Ion Ratio Lower Upper
75 100
77 32.8 25.9 38.9
110 39.7 33.1 49.7





#62

1,3,5-Trimethylbenzene

Concen: 47.640 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV034664.D

Acq: 15 Mar 2024 19:29

Instrument :

MSVOA_V

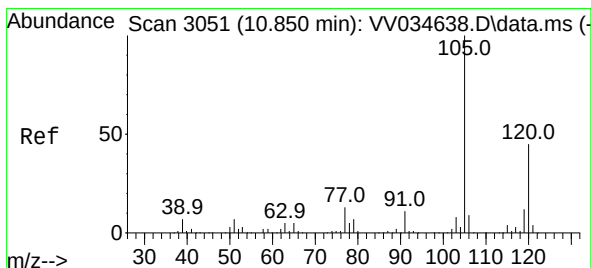
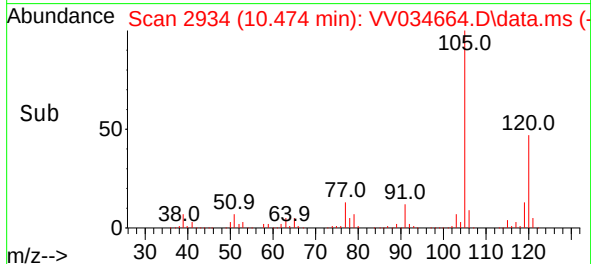
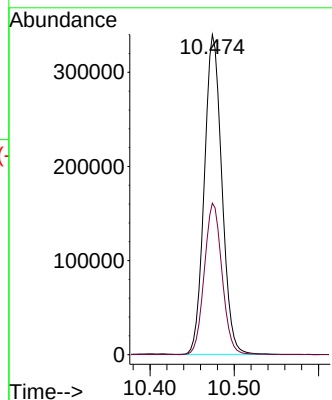
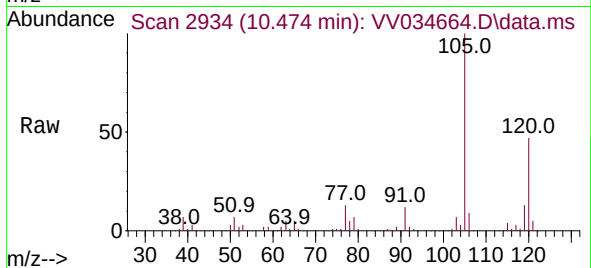
ClientSampleId :

Tgt Ion:105 Resp: 493116

Ion Ratio Lower Upper

105 100

120 47.9 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 48.109 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV034664.D

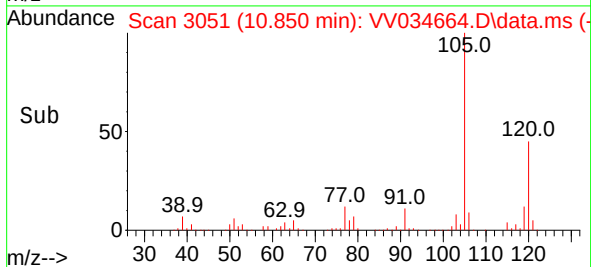
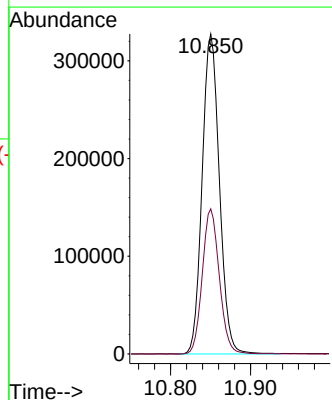
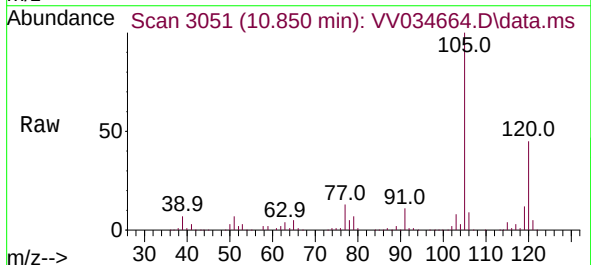
Acq: 15 Mar 2024 19:29

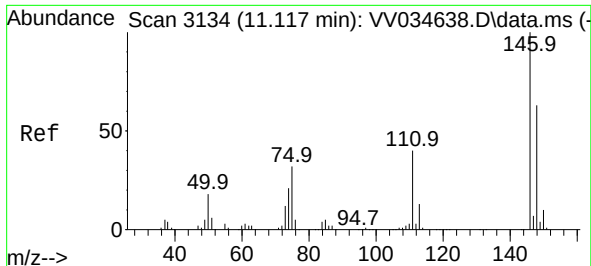
Tgt Ion:105 Resp: 492509

Ion Ratio Lower Upper

105 100

120 44.7 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 47.186 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VV034664.D

Acq: 15 Mar 2024 19:29

Instrument :

MSVOA_V

ClientSampleId :

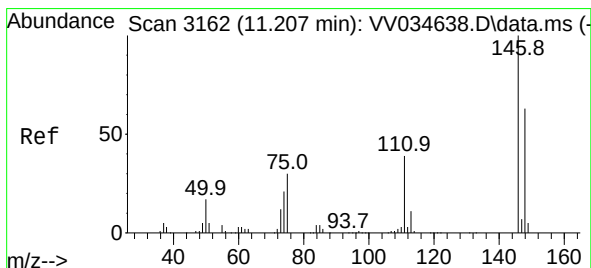
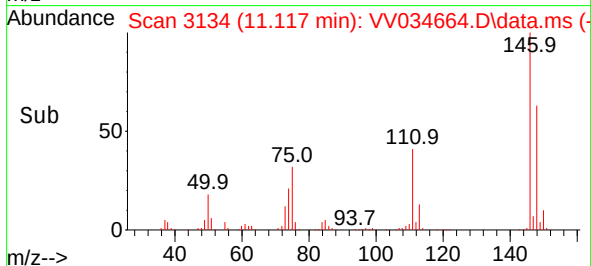
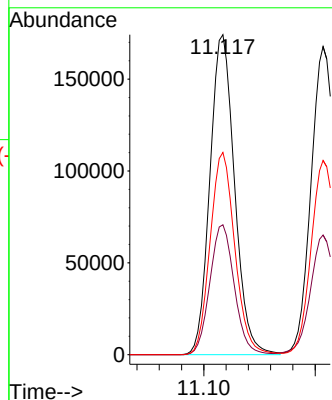
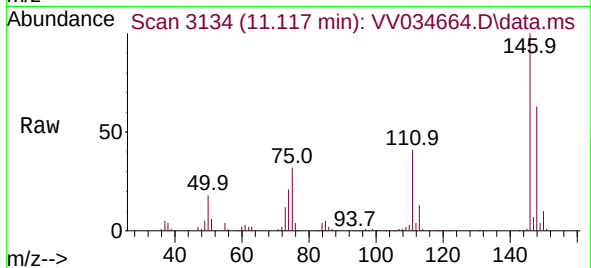
Tgt Ion:146 Resp: 267703

Ion Ratio Lower Upper

146 100

111 40.6 27.9 51.7

148 63.2 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 46.381 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV034664.D

Acq: 15 Mar 2024 19:29

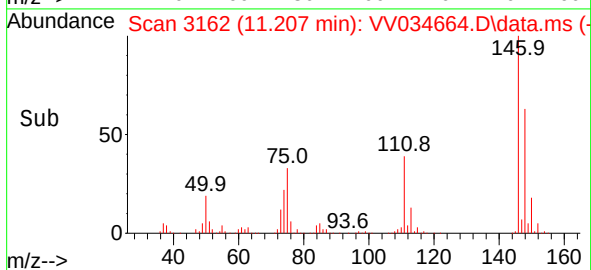
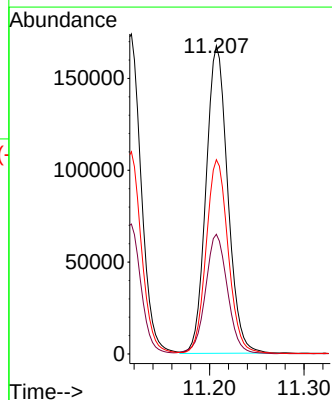
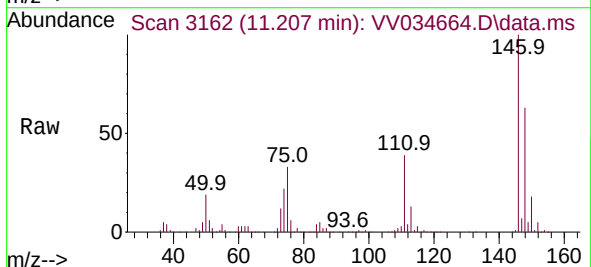
Tgt Ion:146 Resp: 267217

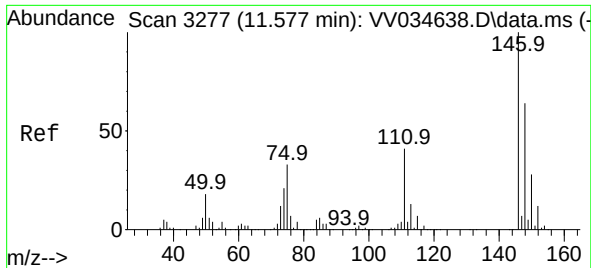
Ion Ratio Lower Upper

146 100

111 38.9 26.5 49.1

148 63.1 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 47.563 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV034664.D

Acq: 15 Mar 2024 19:29

Instrument :

MSVOA_V

ClientSampleId :

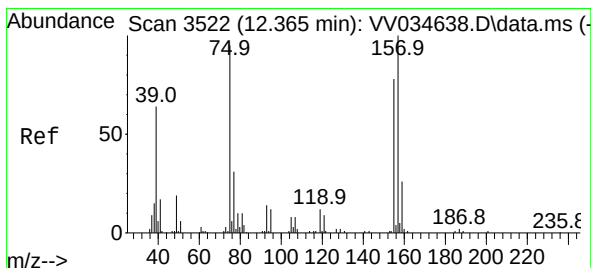
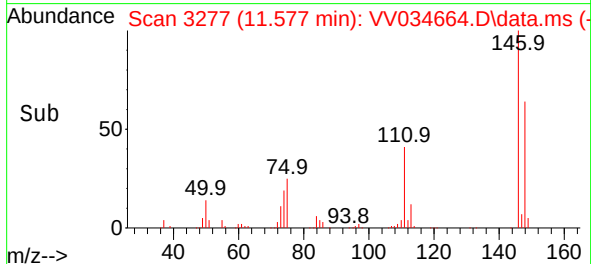
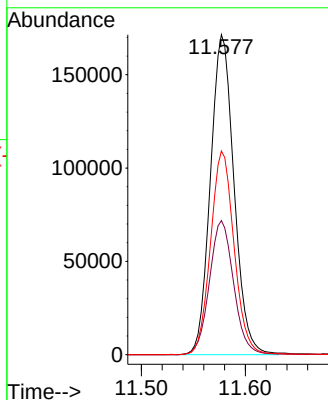
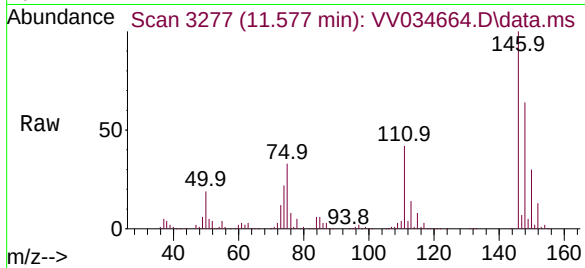
Tgt Ion:146 Resp: 270396

Ion Ratio Lower Upper

146 100

111 41.9 33.8 50.8

148 63.6 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 49.034 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.003 min

Lab File: VV034664.D

Acq: 15 Mar 2024 19:29

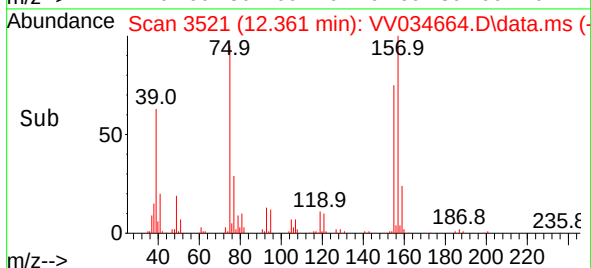
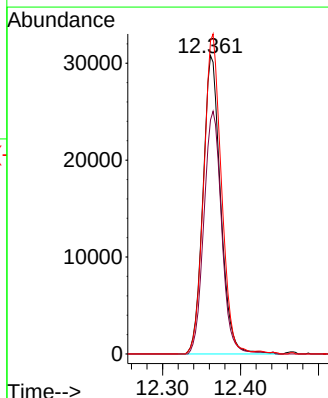
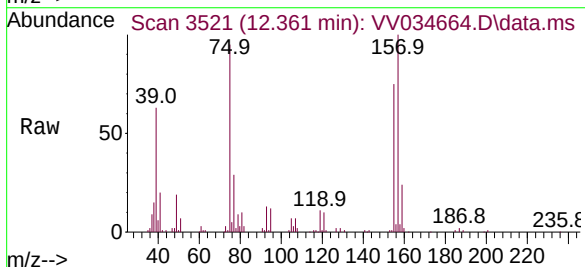
Tgt Ion: 75 Resp: 48374

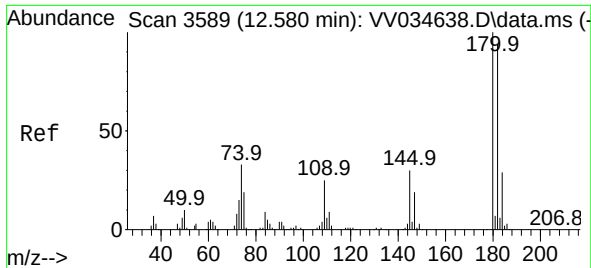
Ion Ratio Lower Upper

75 100

155 78.5 63.3 94.9

157 104.9 81.4 122.0





#69

1,3,5-Trichlorobenzene

Concen: 44.932 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

Lab File: VV034664.D

Acq: 15 Mar 2024 19:29

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 191237

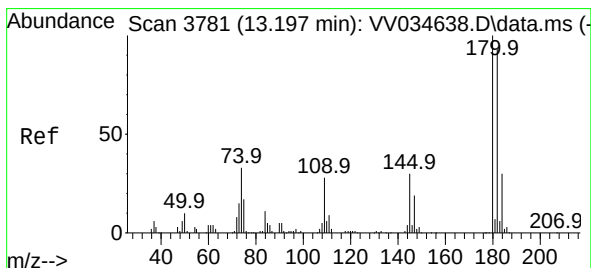
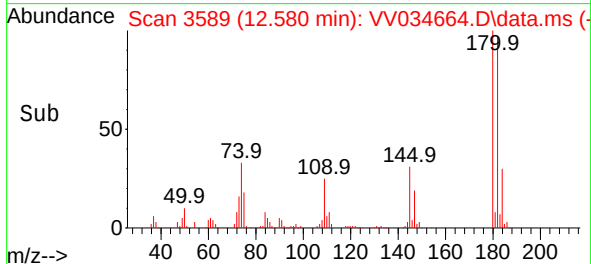
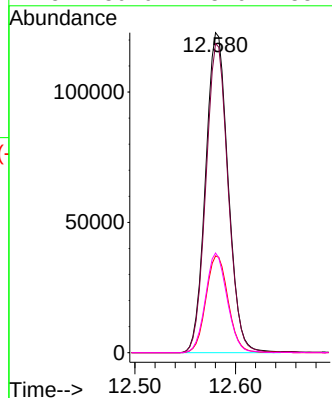
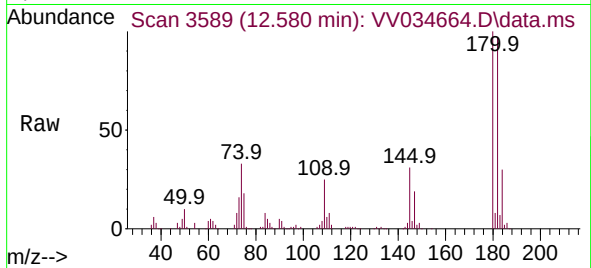
Ion Ratio Lower Upper

180 100

182 95.2 74.6 112.0

184 29.8 23.6 35.4

145 30.0 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 44.405 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034664.D

Acq: 15 Mar 2024 19:29

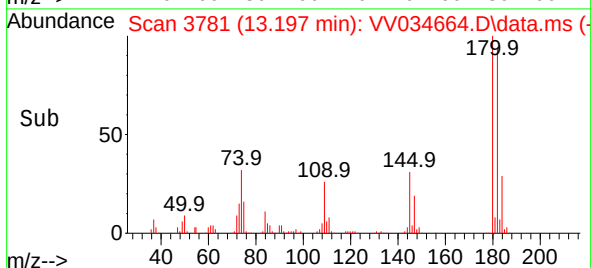
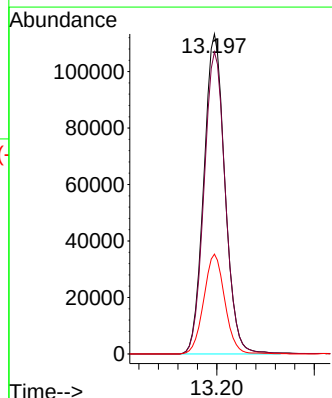
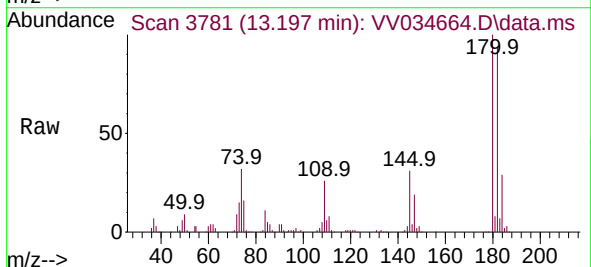
Tgt Ion:180 Resp: 170057

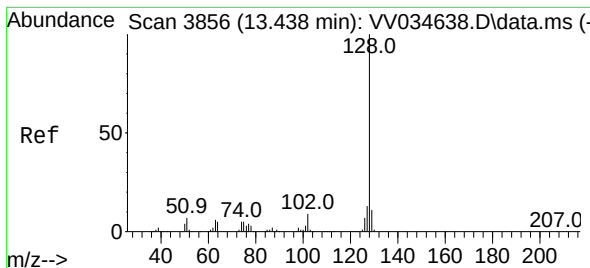
Ion Ratio Lower Upper

180 100

182 95.8 74.8 112.2

145 31.2 24.2 36.4





#71

Naphthalene

Concen: 42.458 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. 0.000 min

Lab File: VV034664.D

Acq: 15 Mar 2024 19:29

Instrument :

MSVOA_V

ClientSampleId :

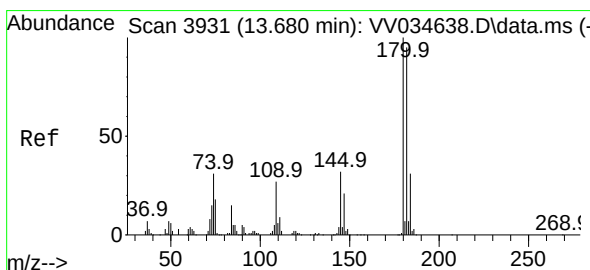
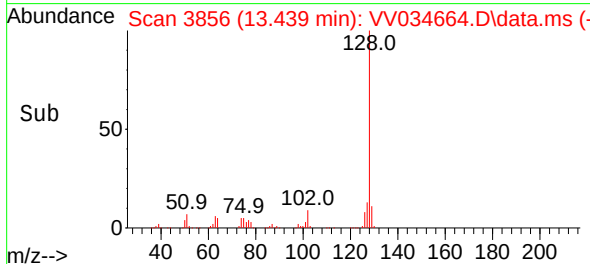
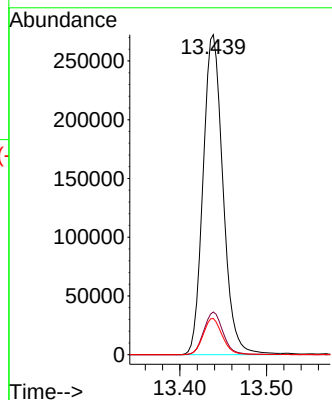
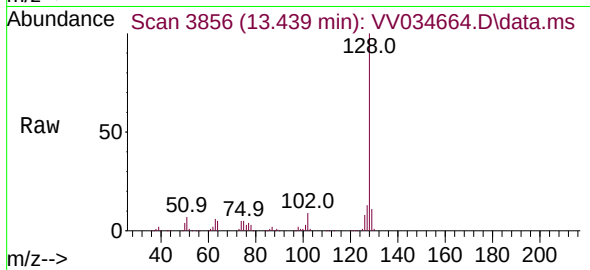
Tgt Ion:128 Resp: 434944

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 45.979 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV034664.D

Acq: 15 Mar 2024 19:29

Tgt Ion:180 Resp: 171780

Ion Ratio Lower Upper

180 100

182 94.8 75.9 113.9

145 32.1 25.5 38.3

