

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031524\
 Data File : VV034638.D
 Acq On : 15 Mar 2024 09:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 15 23:23:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 06:40:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	364936	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	324232	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	170042	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	122978	38.873	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.740%
7) Chloroethane-d5	1.526	69	103902	42.156	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.320%
11) 1,1-Dichloroethene-d2	2.056	65	56404	39.423	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.840%
21) 2-Butanone-d5	3.783	46	189062	89.364	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.360%
24) Chloroform-d	4.246	84	238786	42.689	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.380%
26) 1,2-Dichloroethane-d4	4.937	65	153157	41.900	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.800%
32) Benzene-d6	4.957	84	445207	45.497	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	5.985	67	133779	44.797	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.600%
41) Toluene-d8	7.239	98	381349	43.064	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.120%
43) trans-1,3-Dichloroprop...	7.551	79	64118	42.756	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.520%
47) 2-Hexanone-d5	8.021	63	130658	87.617	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.620%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	180554	45.943	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.880%
66) 1,2-Dichlorobenzene-d4	11.558	152	147015	42.298	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.600%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.105	85	154878	40.460	ug/L	99
3) Chloromethane	1.214	50	146144	38.854	ug/L	99
5) Vinyl chloride	1.281	62	148848	40.767	ug/L	100
6) Bromomethane	1.481	94	87266	39.836	ug/L	100
8) Chloroethane	1.545	64	91666	42.239	ug/L	97
9) Trichlorofluoromethane	1.709	101	218655	39.990	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	122592	41.600	ug/L	98
12) 1,1-Dichloroethene	2.066	96	109242	39.977	ug/L	96
13) Acetone	2.111	43	235495	92.593	ug/L	99
14) Carbon disulfide	2.236	76	318789	42.035	ug/L	99
15) Methyl Acetate	2.371	43	152771	46.952	ug/L	99
16) Methylene chloride	2.445	84	127690	44.052	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	112927	42.696	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	421701	44.398	ug/L	100
19) 1,1-Dichloroethane	3.108	63	234412	45.243	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	129383	45.086	ug/L	93
22) 2-Butanone	3.860	43	240341	95.697	ug/L	100
23) Bromochloromethane	4.143	128	66289	44.672	ug/L	94
25) Chloroform	4.272	83	235694	43.889	ug/L	99

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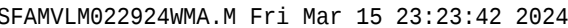
Instrument :
 MSVOA_V
 ClientSampleId :

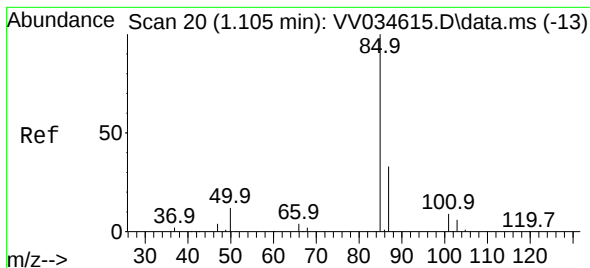
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	191744	43.947	ug/L	99
29) Cyclohexane	4.577	56	194480	45.602	ug/L	98
30) 1,1,1-Trichloroethane	4.506	97	213046	45.822	ug/L	100
31) Carbon tetrachloride	4.731	117	185961	45.176	ug/L	98
33) Benzene	5.008	78	472037	46.903	ug/L	100
34) Trichloroethene	5.831	95	125962	44.031	ug/L	97
35) Methylcyclohexane	6.046	83	195981	45.062	ug/L	98
37) 1,2-Dichloropropane	6.088	63	123198	46.756	ug/L	100
38) Bromodichloromethane	6.429	83	170065	45.886	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	200313	46.922	ug/L	97
40) 4-Methyl-2-pentanone	7.153	43	368777	94.916	ug/L	99
42) Toluene	7.313	91	481944	45.247	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	188205	45.839	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	119582	47.037	ug/L	99
46) Tetrachloroethene	7.902	164	93904	44.137	ug/L	98
48) 2-Hexanone	8.072	43	318434	102.854	ug/L	99
49) Dibromochloromethane	8.175	129	123676	46.099	ug/L	97
50) 1,2-Dibromoethane	8.281	107	124284	46.069	ug/L	99
51) Chlorobenzene	8.812	112	306999	44.584	ug/L	100
52) Ethylbenzene	8.943	91	539607	45.213	ug/L	99
53) m,p-Xylene	9.069	106	202966	44.815	ug/L	99
54) o-Xylene	9.477	106	199882	45.071	ug/L	99
55) Styrene	9.493	104	343738	45.778	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	184735	48.379	ug/L	98
59) Bromoform	9.664	173	85398	45.298	ug/L	99
60) Isopropylbenzene	9.866	105	547963	45.564	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	150251	46.290	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	459389	45.284	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	459400	45.787	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	249064	44.792	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	250644	44.388	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	249625	44.802	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	44542	46.067	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	183518	43.995	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	166730	44.421	ug/L	99
71) Naphthalene	13.438	128	455132	45.331	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	168600	46.045	ug/L	100

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

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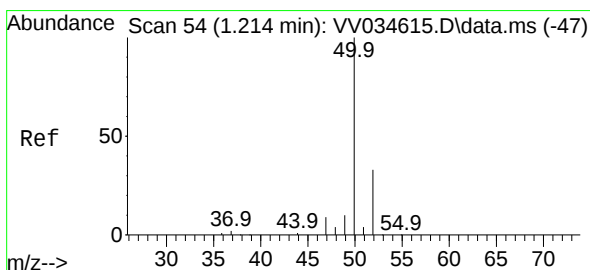
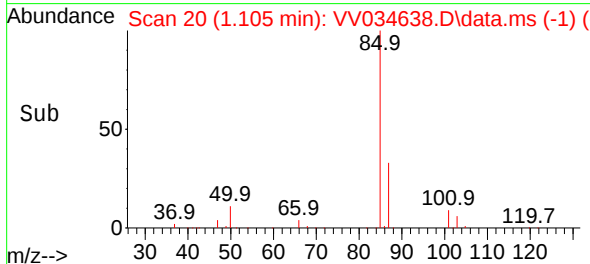
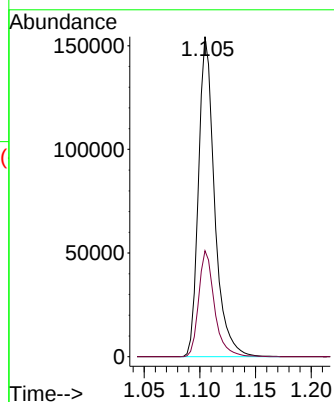
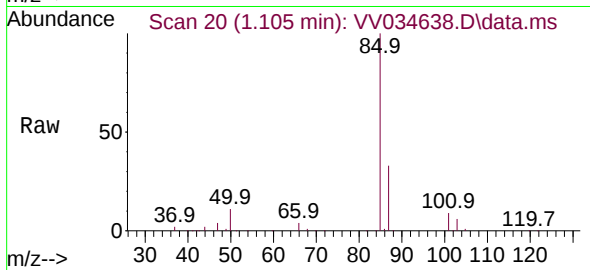




#2
Dichlorodifluoromethane
Concen: 40.460 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV034638.D
Acq: 15 Mar 2024 09:00

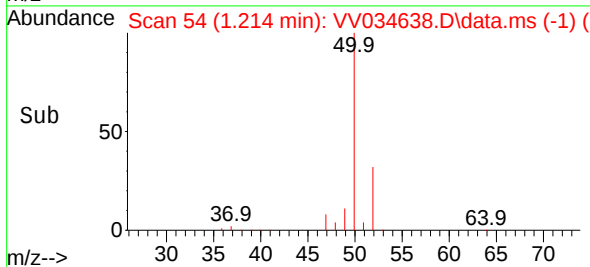
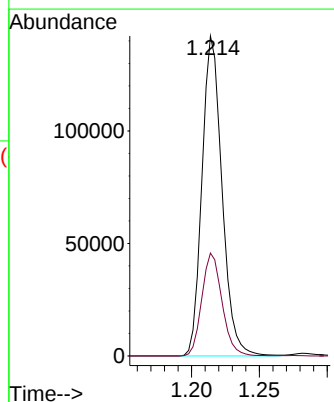
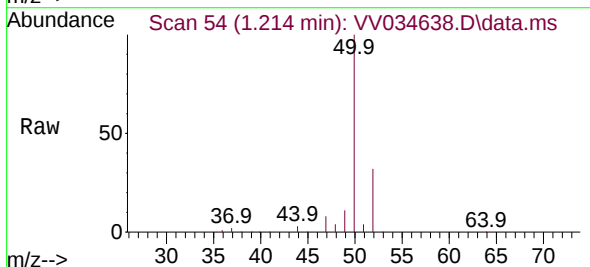
Instrument :
MSVOA_V
ClientSampleId :

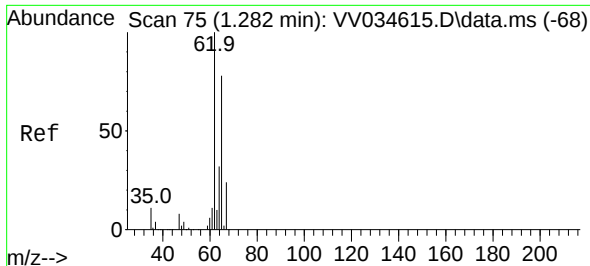
Tgt Ion: 85 Resp: 154878
Ion Ratio Lower Upper
85 100
87 32.5 25.5 38.3



#3
Chloromethane
Concen: 38.854 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.000 min
Lab File: VV034638.D
Acq: 15 Mar 2024 09:00

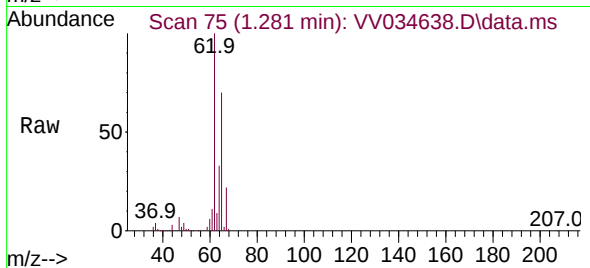
Tgt Ion: 50 Resp: 146144
Ion Ratio Lower Upper
50 100
52 32.2 23.0 42.8



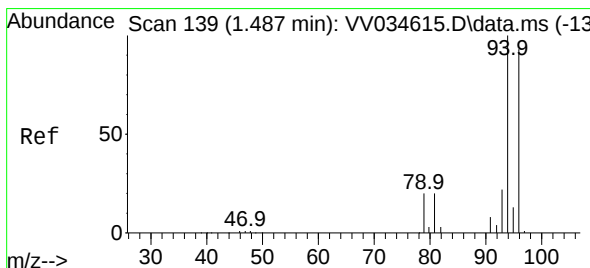
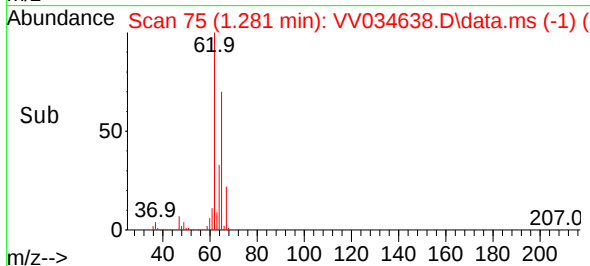
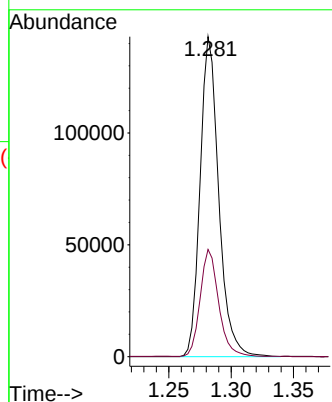


#5
 Vinyl chloride
 Concen: 40.767 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV034638.D
 Acq: 15 Mar 2024 09:00

Instrument :
 MSVOA_V
 ClientSampleId :

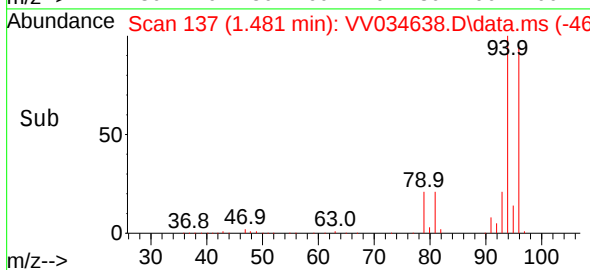
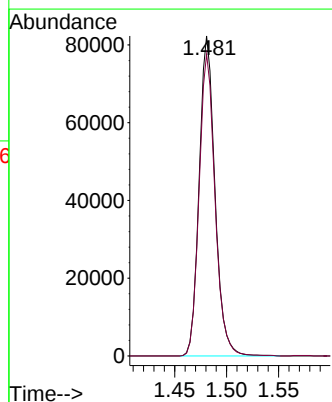
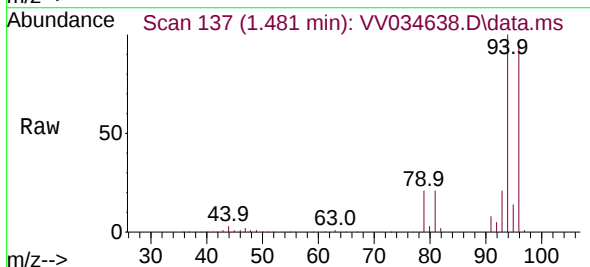


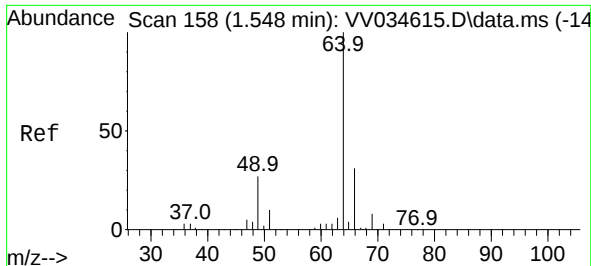
Tgt Ion: 62 Resp: 148848
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.4 43.6



#6
 Bromomethane
 Concen: 39.836 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.007 min
 Lab File: VV034638.D
 Acq: 15 Mar 2024 09:00

Tgt Ion: 94 Resp: 87266
 Ion Ratio Lower Upper
 94 100
 96 94.4 66.0 122.6

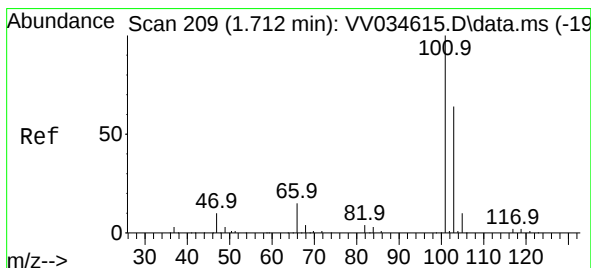
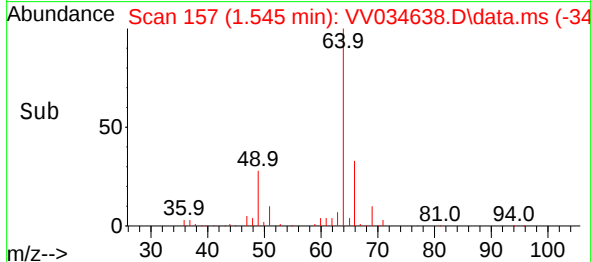
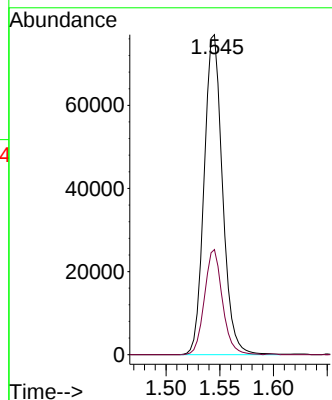
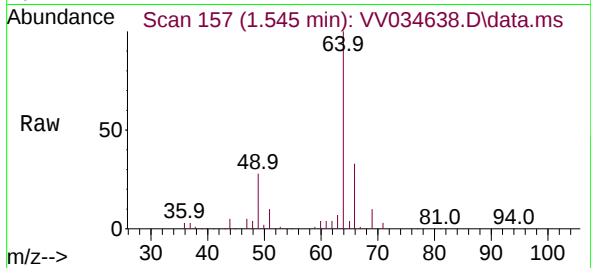




#8
Chloroethane
Concen: 42.239 ug/L
RT: 1.545 min Scan# 157
Delta R.T. -0.003 min
Lab File: VV034638.D
Acq: 15 Mar 2024 09:00

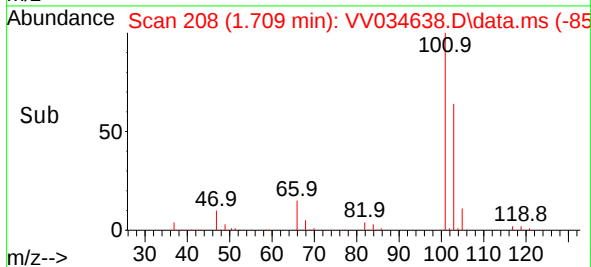
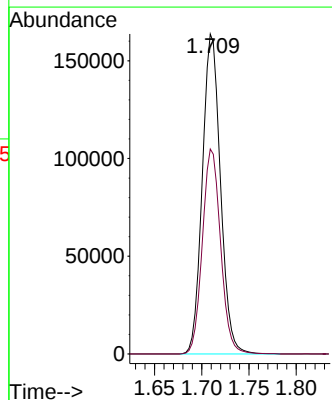
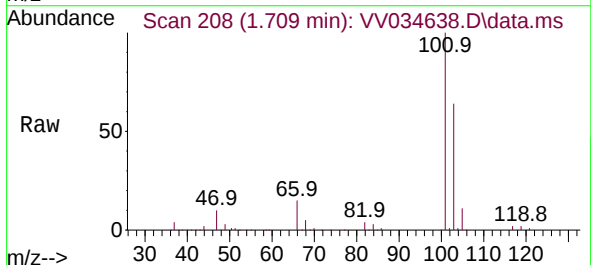
Instrument :
MSVOA_V
ClientSampleId :

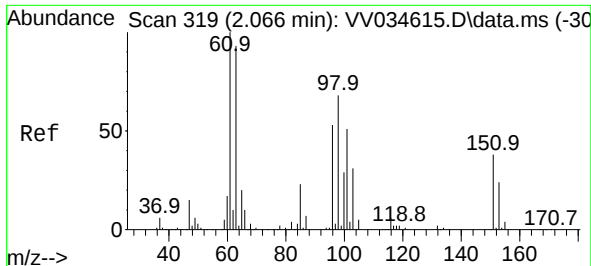
Tgt Ion: 64 Resp: 91666
Ion Ratio Lower Upper
64 100
66 32.8 22.0 40.8



#9
Trichlorofluoromethane
Concen: 39.990 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV034638.D
Acq: 15 Mar 2024 09:00

Tgt Ion:101 Resp: 218655
Ion Ratio Lower Upper
101 100
103 64.2 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 41.600 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.000 min

Lab File: VV034638.D

Acq: 15 Mar 2024 09:00

Instrument :

MSVOA_V

ClientSampleId :

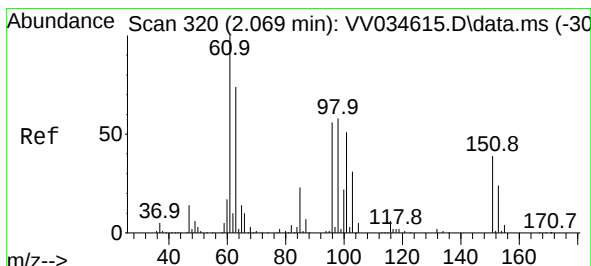
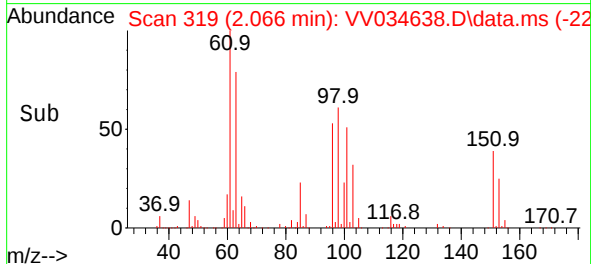
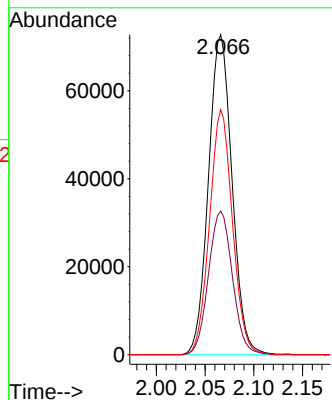
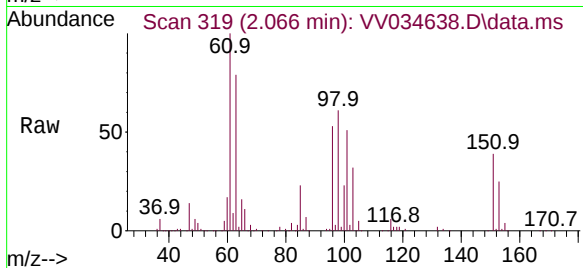
Tgt Ion:101 Resp: 122592

Ion Ratio Lower Upper

101 100

85 45.5 37.4 56.0

151 74.5 61.4 92.2



#12

1,1-Dichloroethene

Concen: 39.977 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV034638.D

Acq: 15 Mar 2024 09:00

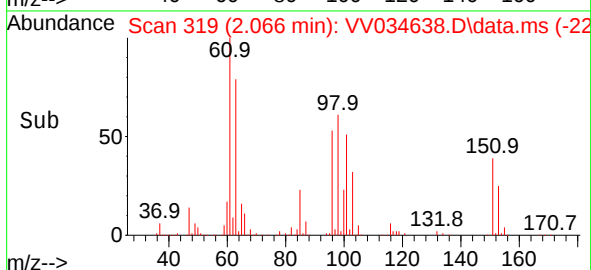
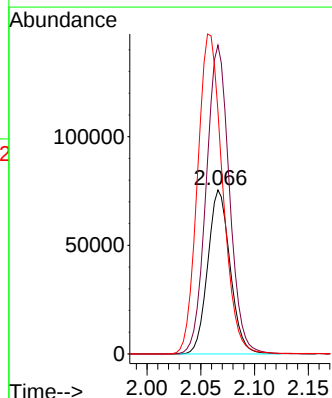
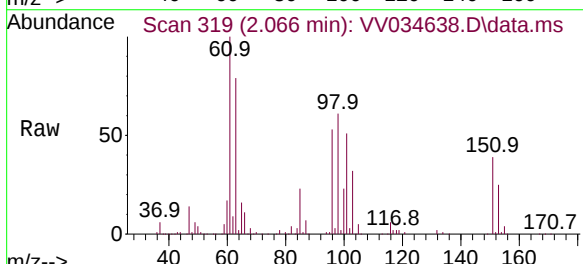
Tgt Ion: 96 Resp: 109242

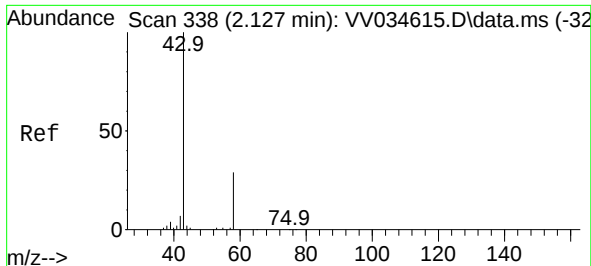
Ion Ratio Lower Upper

96 100

61 188.3 128.9 239.3

63 147.9 98.0 182.0





#13

Acetone

Concen: 92.593 ug/L

RT: 2.111 min Scan# 33

Delta R.T. -0.016 min

Lab File: VV034638.D

Acq: 15 Mar 2024 09:00

Instrument :

MSVOA_V

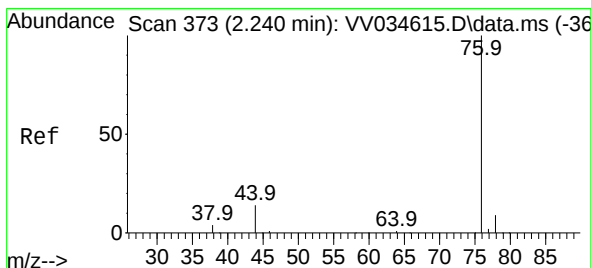
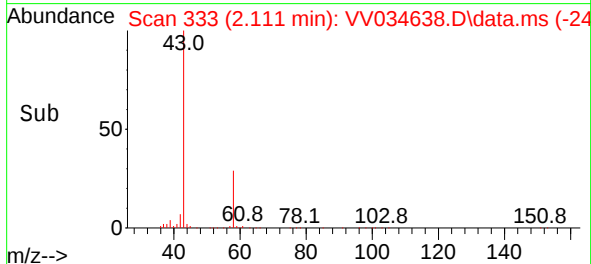
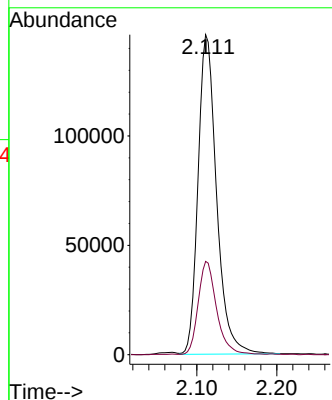
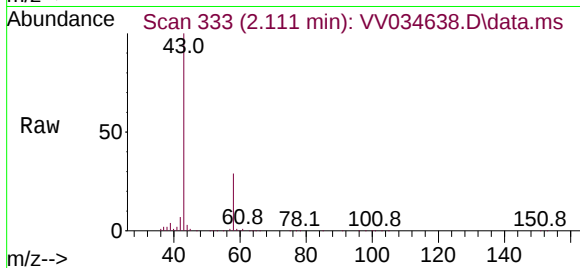
ClientSampleId :

Tgt Ion: 43 Resp: 235495

Ion Ratio Lower Upper

43 100

58 29.2 0.0 57.2



#14

Carbon disulfide

Concen: 42.035 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.003 min

Lab File: VV034638.D

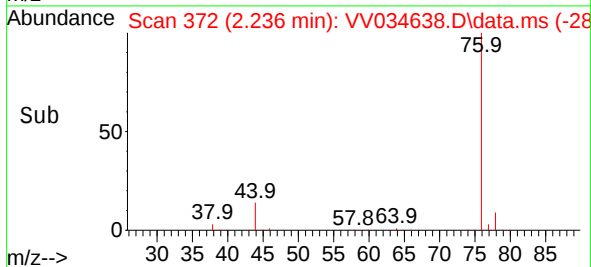
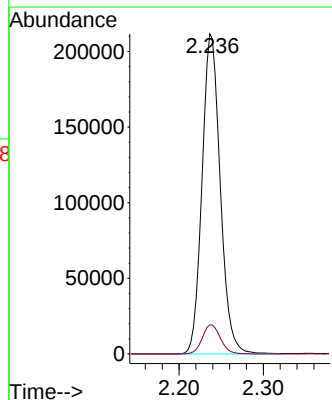
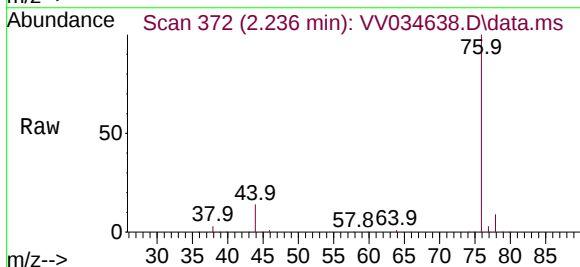
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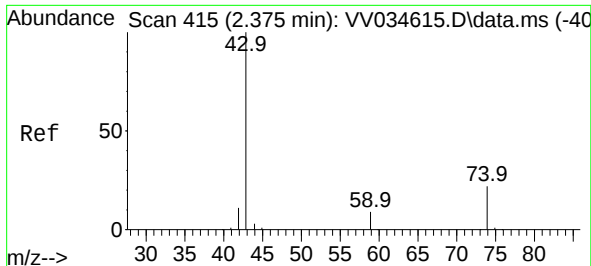
Tgt Ion: 76 Resp: 318789

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

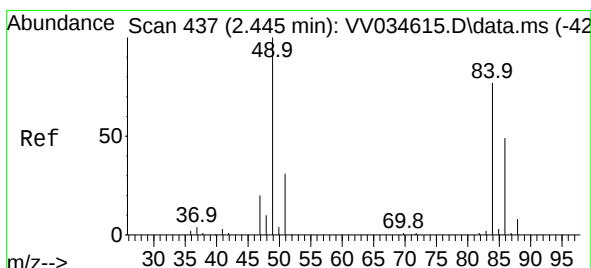
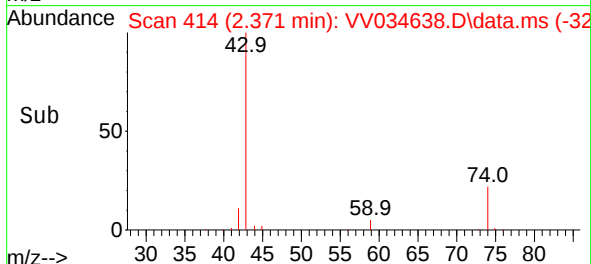
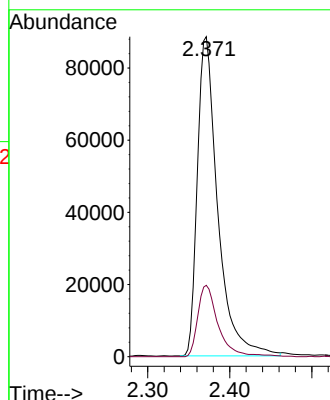
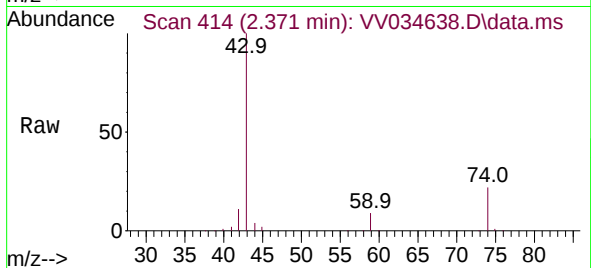




#15
Methyl Acetate
Concen: 46.952 ug/L
RT: 2.371 min Scan# 415
Delta R.T. -0.003 min
Lab File: VV034638.D
Acq: 15 Mar 2024 09:00

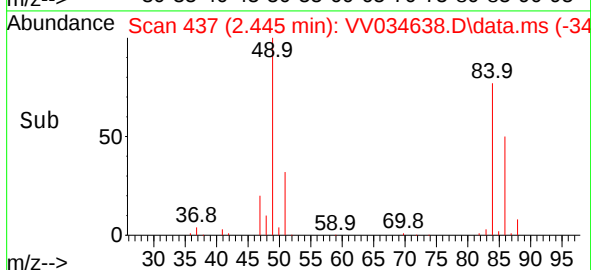
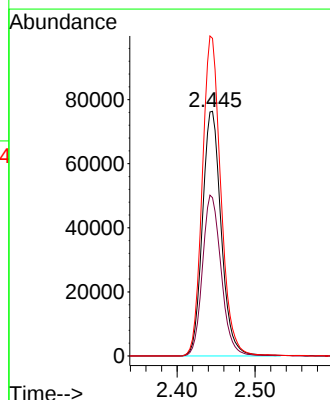
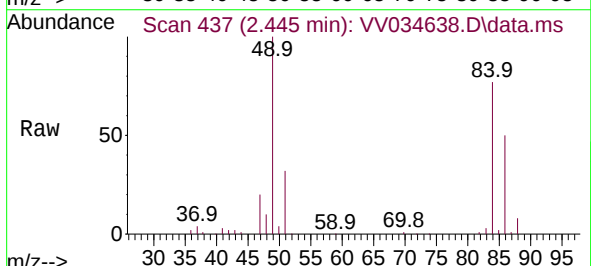
Instrument :
MSVOA_V
ClientSampleId :

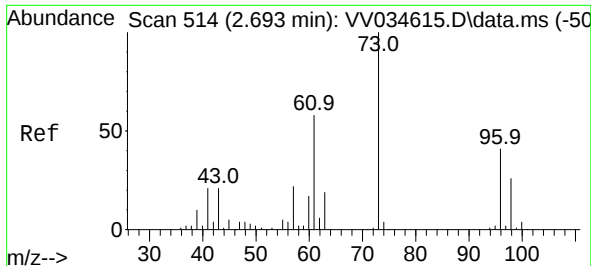
Tgt Ion: 43 Resp: 152771
Ion Ratio Lower Upper
43 100
74 21.8 17.8 26.8



#16
Methylene chloride
Concen: 44.052 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV034638.D
Acq: 15 Mar 2024 09:00

Tgt Ion: 84 Resp: 127690
Ion Ratio Lower Upper
84 100
86 64.7 45.6 84.6
49 129.9 92.3 171.3

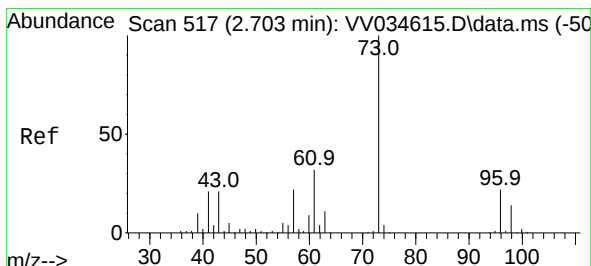
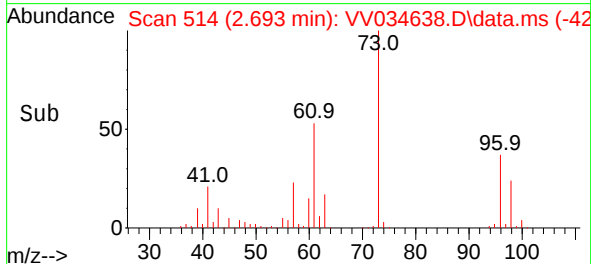
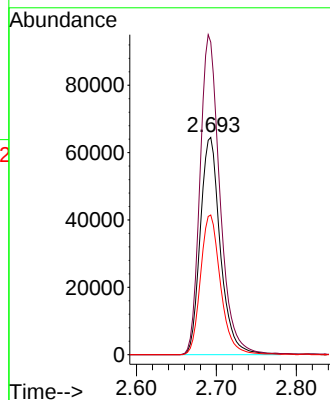
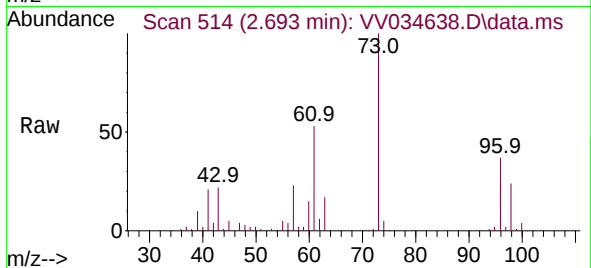




#17
trans-1,2-Dichloroethene
Concen: 42.696 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV034638.D
Acq: 15 Mar 2024 09:00

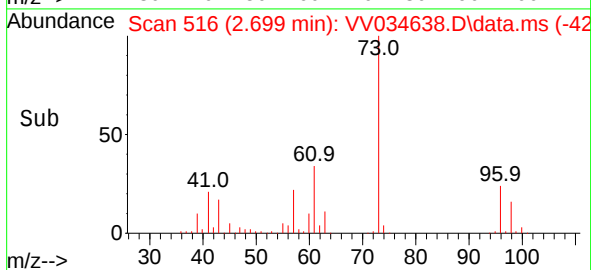
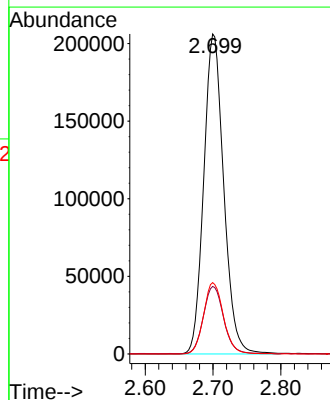
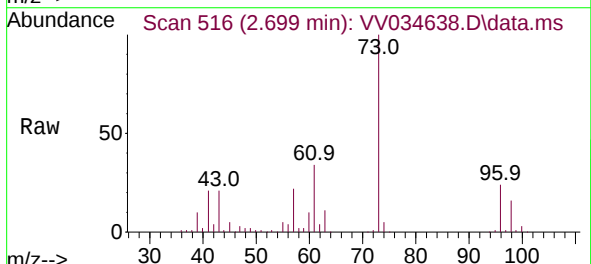
Instrument :
MSVOA_V
ClientSampleId :

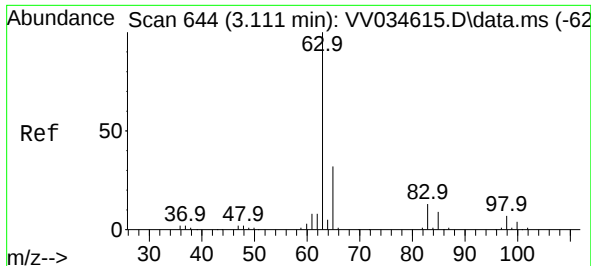
Tgt Ion: 96 Resp: 112927
Ion Ratio Lower Upper
96 100
61 143.8 98.8 183.4
98 64.3 46.1 85.5



#18
Methyl tert-butyl Ether
Concen: 44.398 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV034638.D
Acq: 15 Mar 2024 09:00

Tgt Ion: 73 Resp: 421701
Ion Ratio Lower Upper
73 100
43 21.1 17.1 25.7
57 22.1 17.6 26.4

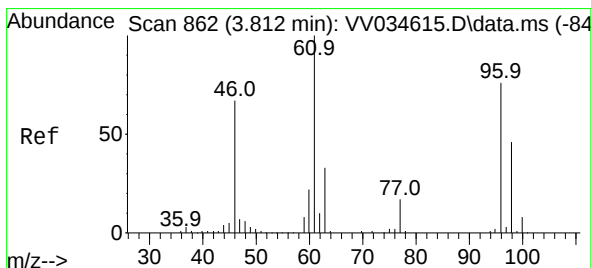
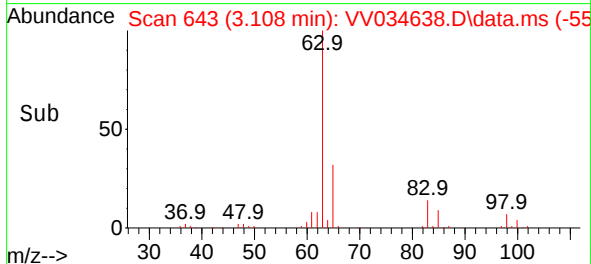
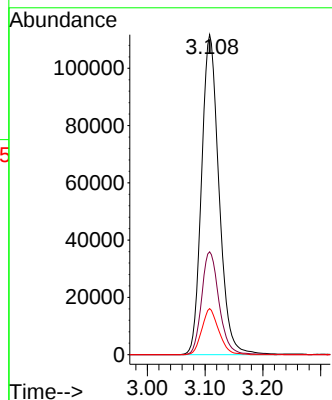
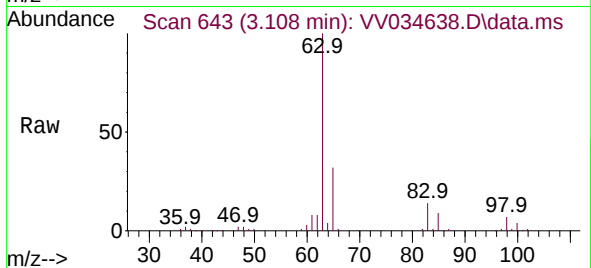




#19
1,1-Dichloroethane
Concen: 45.243 ug/L
RT: 3.108 min Scan# 644
Delta R.T. -0.003 min
Lab File: VV034638.D
Acq: 15 Mar 2024 09:00

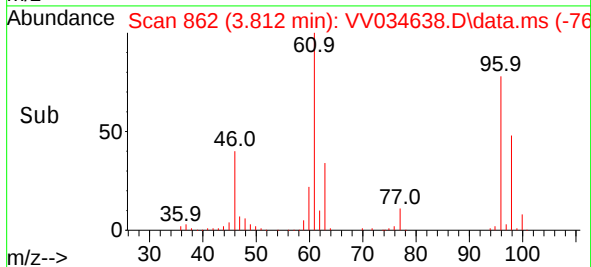
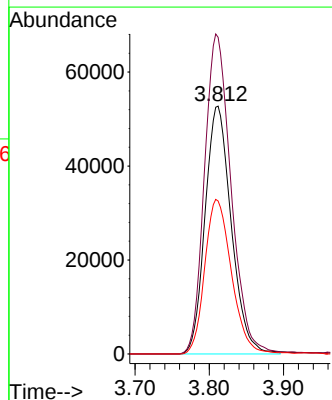
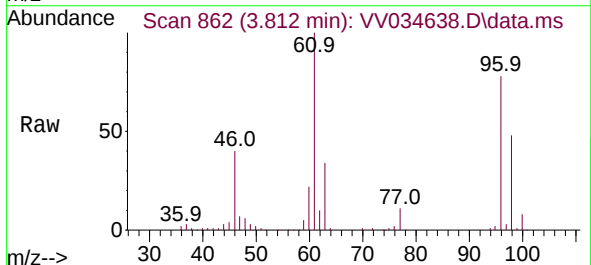
Instrument :
MSVOA_V
ClientSampleId :

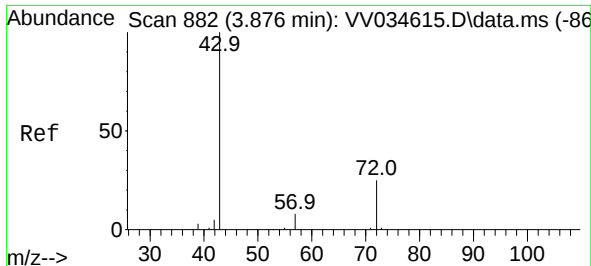
Tgt Ion: 63 Resp: 234412
Ion Ratio Lower Upper
63 100
65 32.1 22.1 41.1
83 14.4 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 45.086 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.000 min
Lab File: VV034638.D
Acq: 15 Mar 2024 09:00

Tgt Ion: 96 Resp: 129383
Ion Ratio Lower Upper
96 100
61 127.8 96.0 178.4
98 61.7 46.0 85.4





#22

2-Butanone

Concen: 95.697 ug/L

RT: 3.860 min Scan# 81

Delta R.T. -0.016 min

Lab File: VV034638.D

Acq: 15 Mar 2024 09:00

Instrument :

MSVOA_V

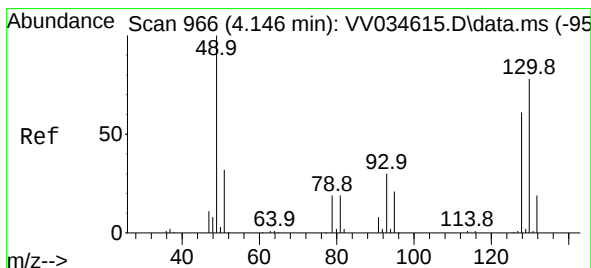
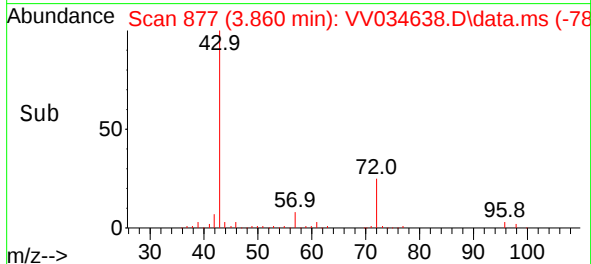
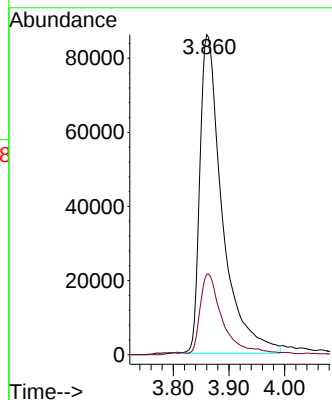
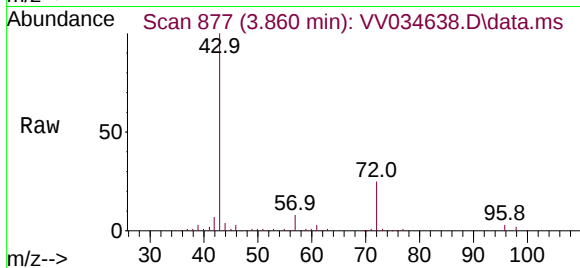
ClientSampleId :

Tgt Ion: 43 Resp: 240341

Ion Ratio Lower Upper

43 100

72 23.0 11.5 34.4



#23

Bromochloromethane

Concen: 44.672 ug/L

RT: 4.143 min Scan# 965

Delta R.T. -0.003 min

Lab File: VV034638.D

Acq: 15 Mar 2024 09:00

Tgt Ion: 128 Resp: 66289

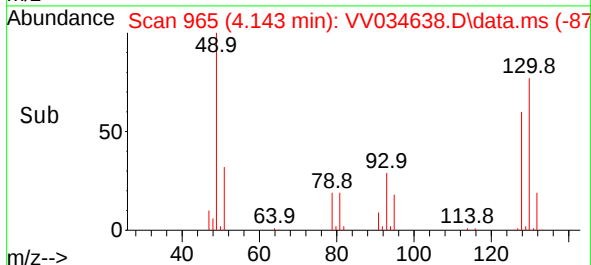
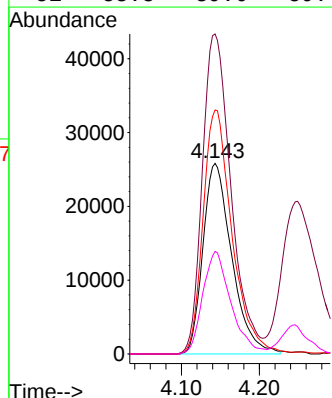
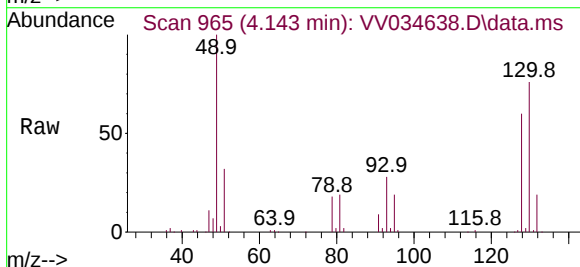
Ion Ratio Lower Upper

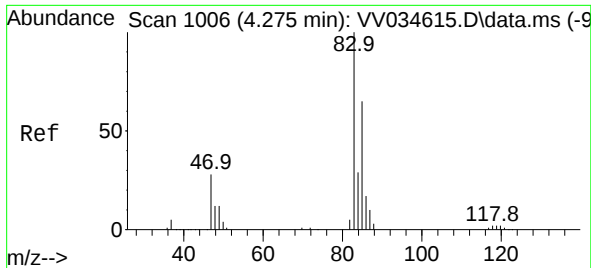
128 100

49 167.9 109.4 203.2

130 128.0 87.7 162.9

51 53.8 39.6 59.4





#25

Chloroform

Concen: 43.889 ug/L

RT: 4.272 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV034638.D

Acq: 15 Mar 2024 09:00

Instrument :

MSVOA_V

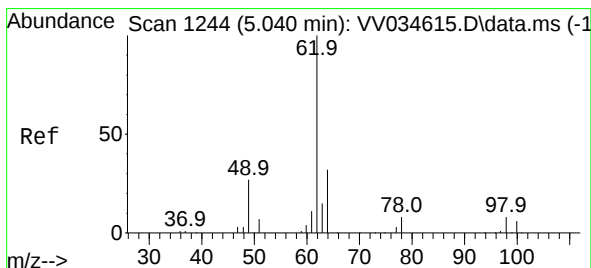
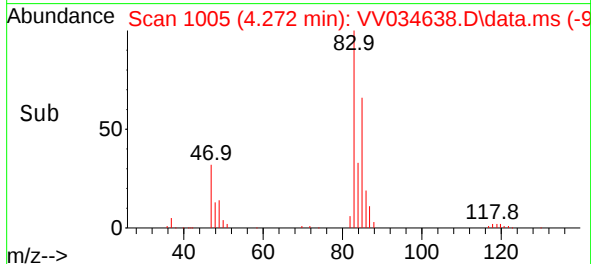
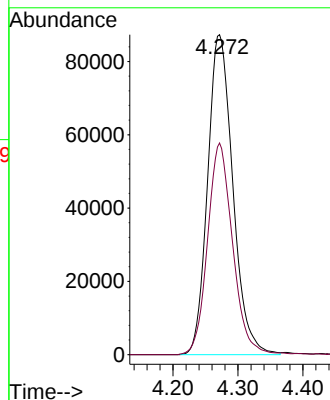
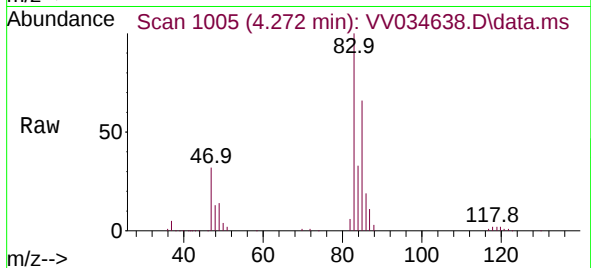
ClientSampleId :

Tgt Ion: 83 Resp: 235694

Ion Ratio Lower Upper

83 100

85 66.1 45.5 84.5



#27

1,2-Dichloroethane

Concen: 43.947 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.003 min

Lab File: VV034638.D

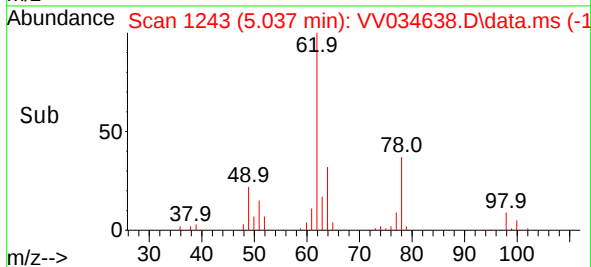
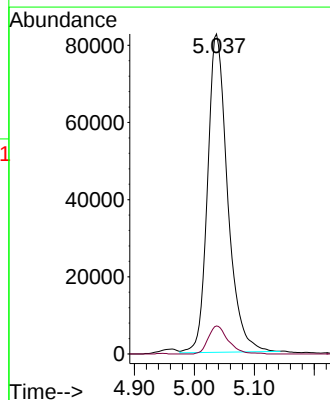
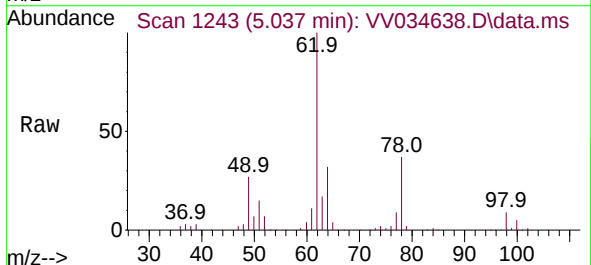
Acq: 15 Mar 2024 09:00

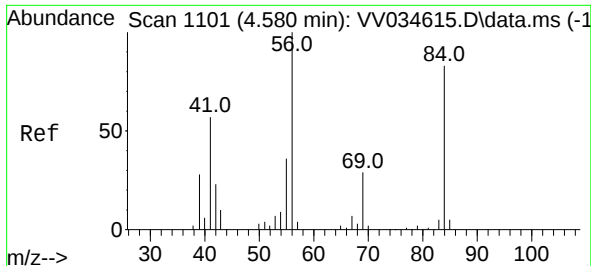
Tgt Ion: 62 Resp: 191744

Ion Ratio Lower Upper

62 100

98 8.7 6.6 10.0





#29

Cyclohexane

Concen: 45.602 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. -0.003 min

Lab File: VV034638.D

Acq: 15 Mar 2024 09:00

Instrument :

MSVOA_V

ClientSampleId :

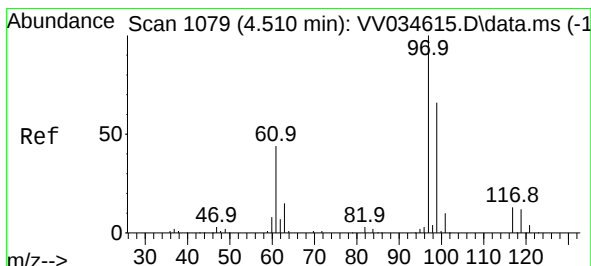
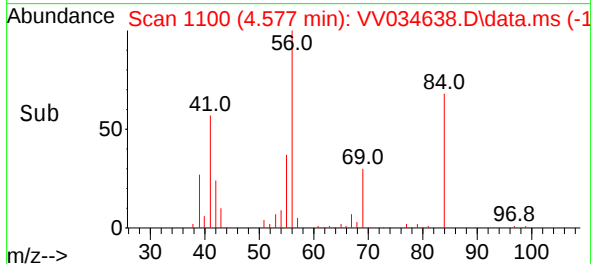
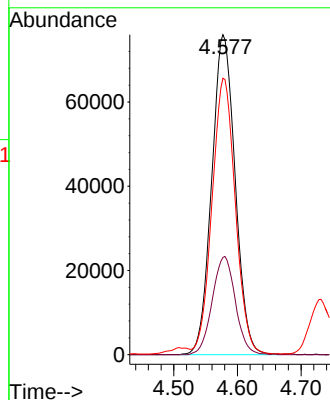
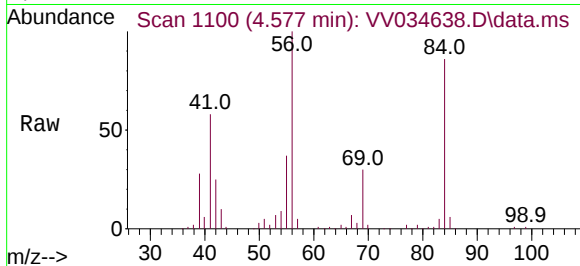
Tgt Ion: 56 Resp: 194480

Ion Ratio Lower Upper

56 100

69 30.3 24.2 36.4

84 85.9 70.5 105.7



#30

1,1,1-Trichloroethane

Concen: 45.822 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. -0.003 min

Lab File: VV034638.D

Acq: 15 Mar 2024 09:00

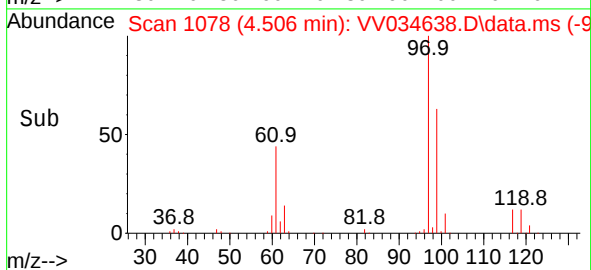
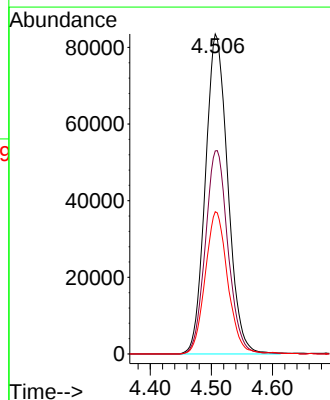
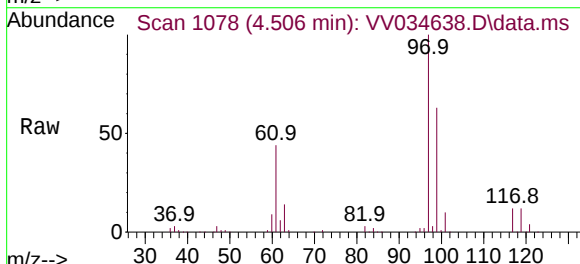
Tgt Ion: 97 Resp: 213046

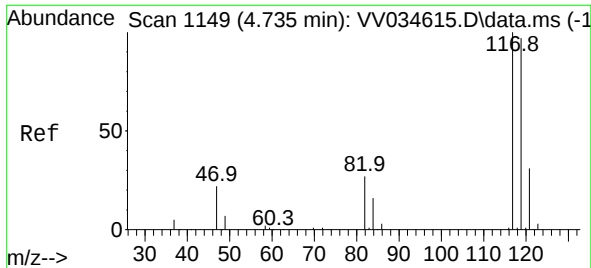
Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 44.5 36.0 54.0

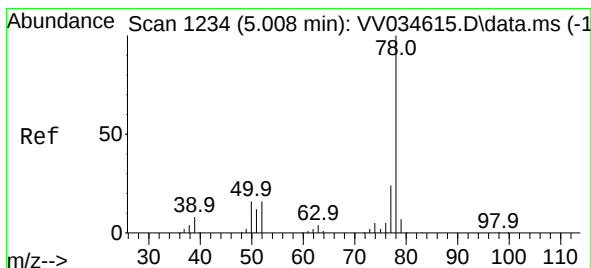
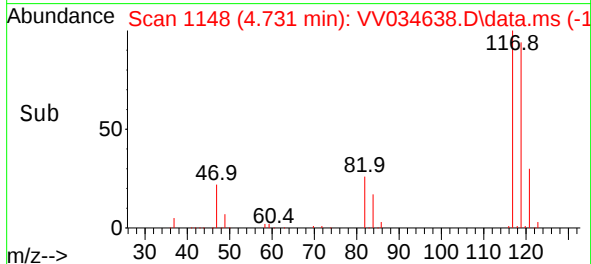
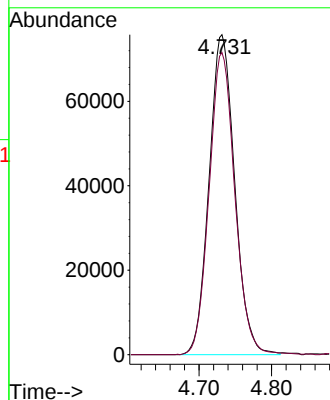
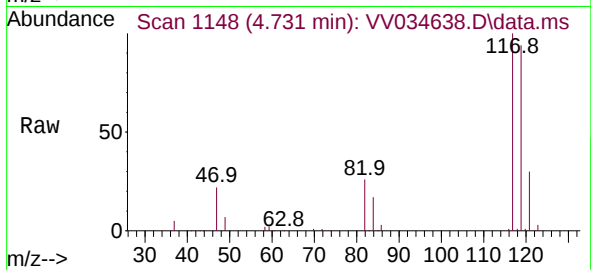




#31
Carbon tetrachloride
Concen: 45.176 ug/L
RT: 4.731 min Scan# 1149
Delta R.T. -0.003 min
Lab File: VV034638.D
Acq: 15 Mar 2024 09:00

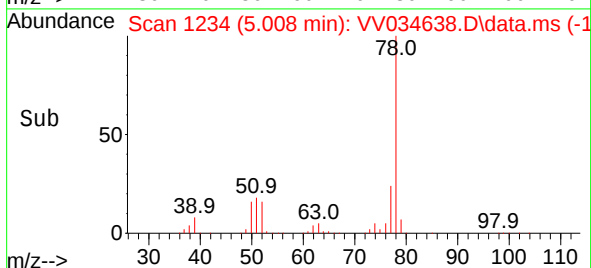
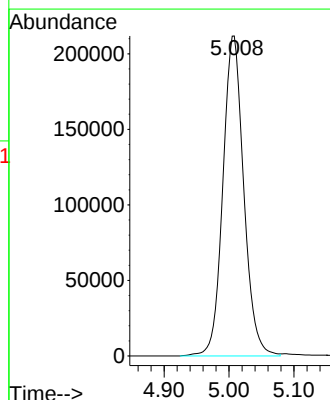
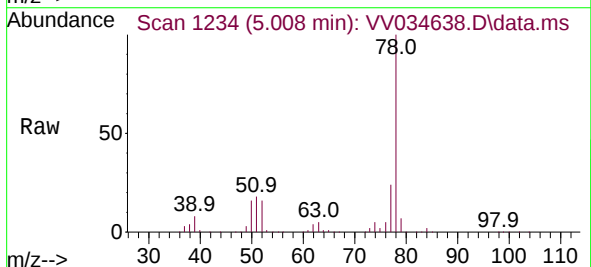
Instrument :
MSVOA_V
ClientSampleId :

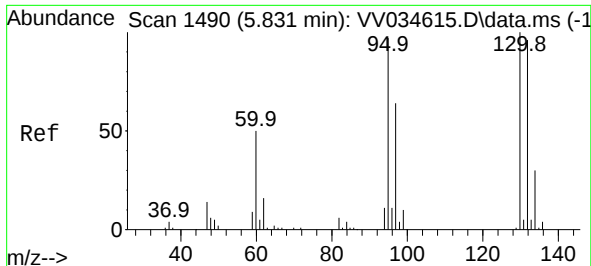
Tgt Ion:117 Resp: 185961
Ion Ratio Lower Upper
117 100
119 94.7 77.5 116.3



#33
Benzene
Concen: 46.903 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VV034638.D
Acq: 15 Mar 2024 09:00

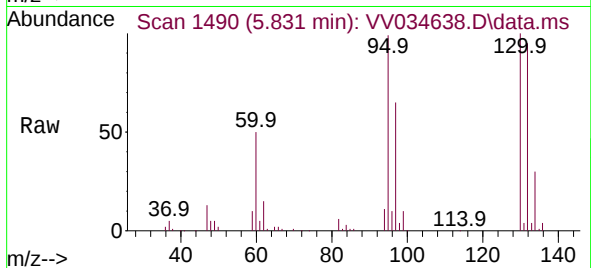
Tgt Ion: 78 Resp: 472037



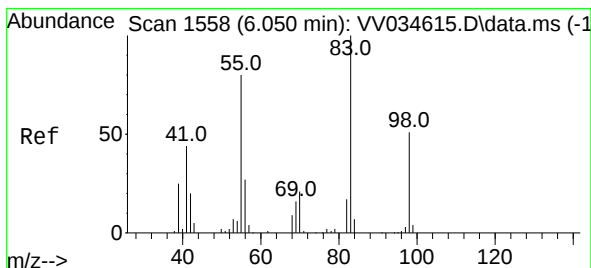
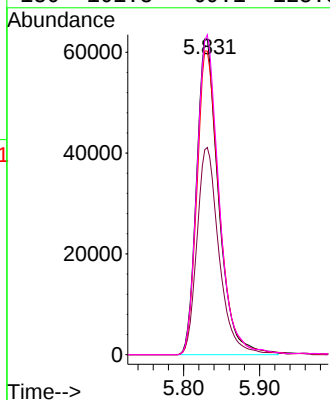
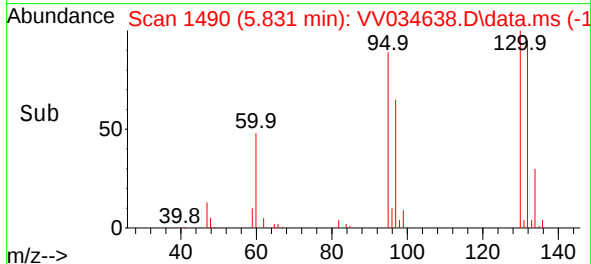


#34
Trichloroethene
Concen: 44.031 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV034638.D
Acq: 15 Mar 2024 09:00

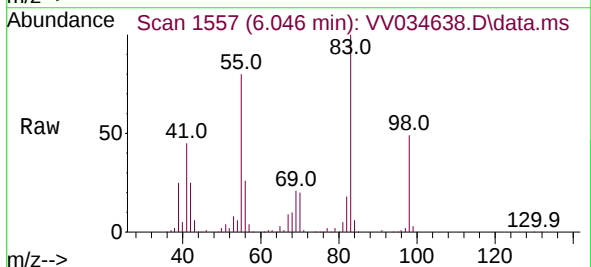
Instrument :
MSVOA_V
ClientSampleId :



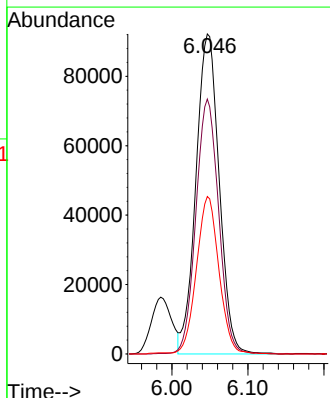
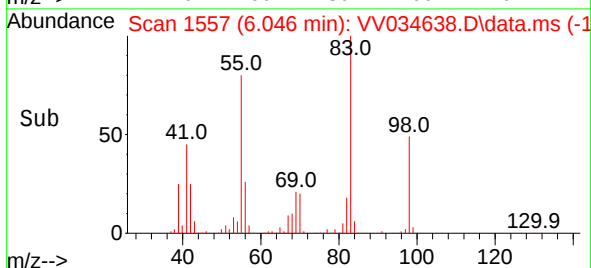
Tgt Ion: 95 Resp: 125962
Ion Ratio Lower Upper
95 100
97 65.6 44.7 83.1
132 96.1 65.3 121.3
130 101.3 69.1 128.3

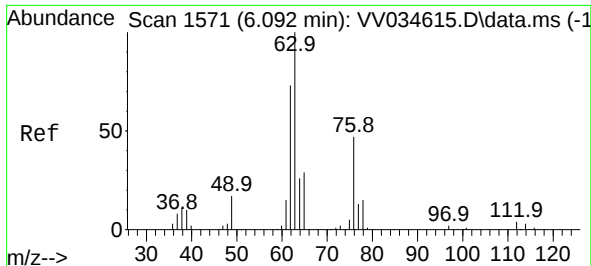


#35
Methylcyclohexane
Concen: 45.062 ug/L
RT: 6.046 min Scan# 1557
Delta R.T. -0.003 min
Lab File: VV034638.D
Acq: 15 Mar 2024 09:00



Tgt Ion: 83 Resp: 195981
Ion Ratio Lower Upper
83 100
55 77.6 62.6 94.0
98 47.4 39.5 59.3





#37

1,2-Dichloropropane

Concen: 46.756 ug/L

RT: 6.088 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV034638.D

Acq: 15 Mar 2024 09:00

Instrument :

MSVOA_V

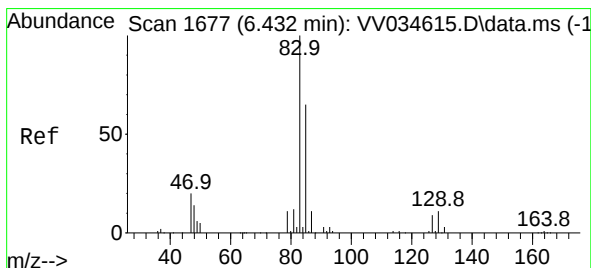
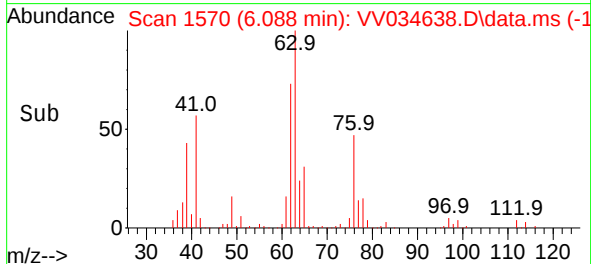
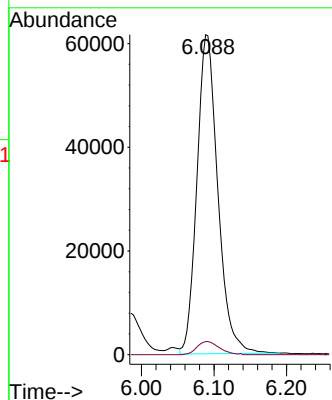
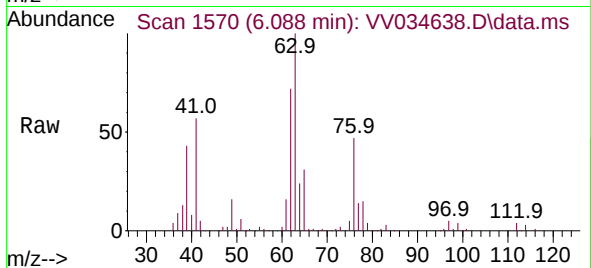
ClientSampleId :

Tgt Ion: 63 Resp: 123198

Ion Ratio Lower Upper

63 100

112 4.4 3.5 5.3



#38

Bromodichloromethane

Concen: 45.886 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. -0.003 min

Lab File: VV034638.D

Acq: 15 Mar 2024 09:00

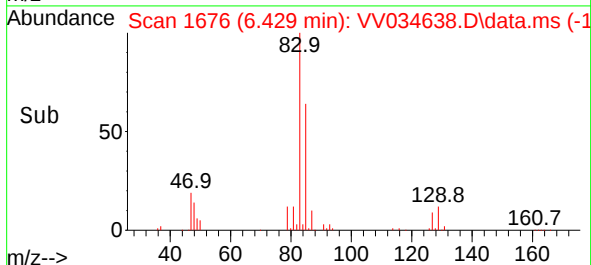
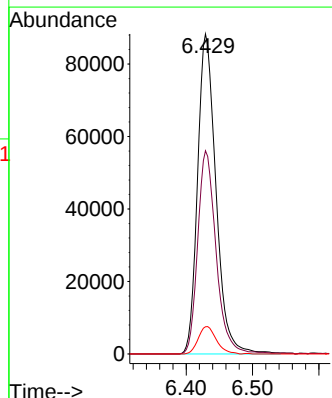
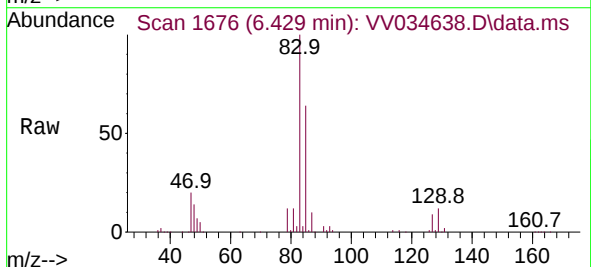
Tgt Ion: 83 Resp: 170065

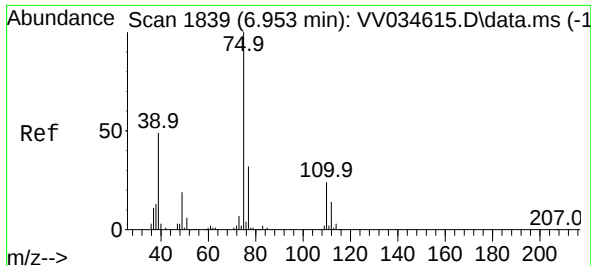
Ion Ratio Lower Upper

83 100

85 63.5 44.6 82.8

127 8.5 6.9 10.3

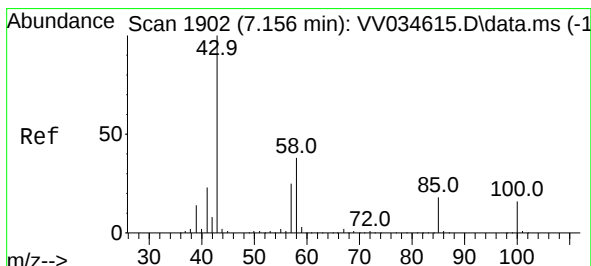
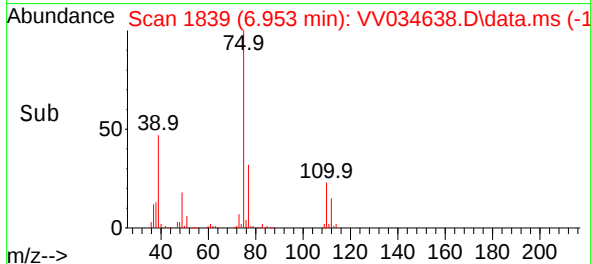
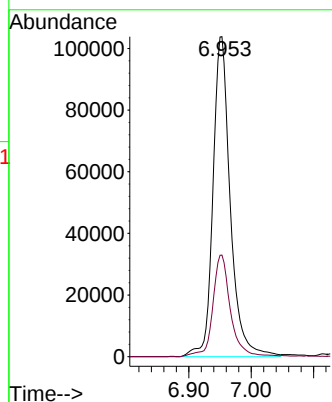
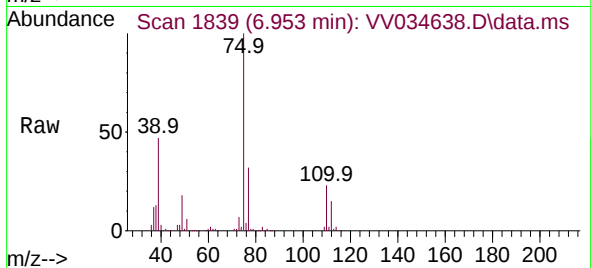




#39
cis-1,3-Dichloropropene
Concen: 46.922 ug/L
RT: 6.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV034638.D
Acq: 15 Mar 2024 09:00

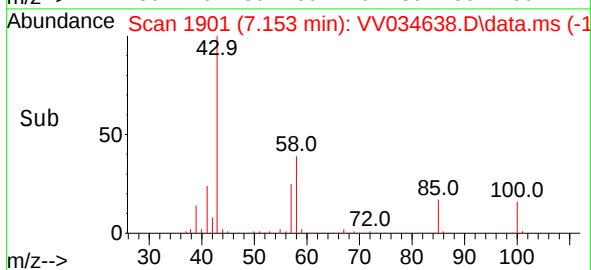
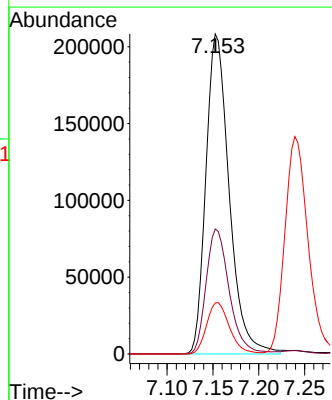
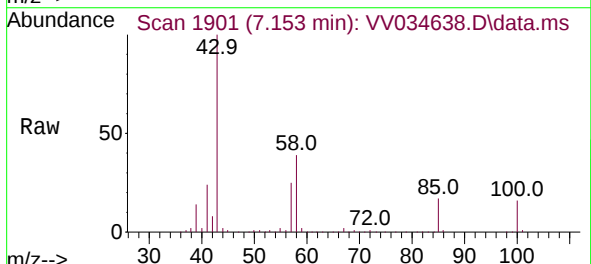
Instrument :
MSVOA_V
ClientSampleId :

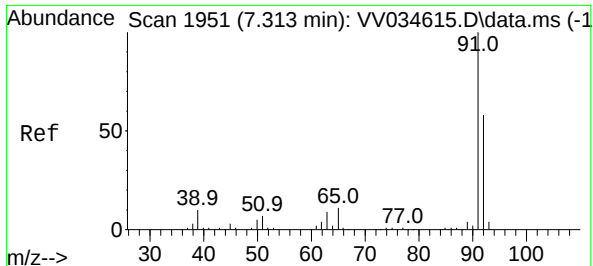
Tgt Ion: 75 Resp: 200313
Ion Ratio Lower Upper
75 100
77 31.7 20.9 38.9



#40
4-Methyl-2-pentanone
Concen: 94.916 ug/L
RT: 7.153 min Scan# 1901
Delta R.T. -0.003 min
Lab File: VV034638.D
Acq: 15 Mar 2024 09:00

Tgt Ion: 43 Resp: 368777
Ion Ratio Lower Upper
43 100
58 38.7 30.6 46.0
100 15.7 12.5 18.7





#42

Toluene

Concen: 45.247 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV034638.D

Acq: 15 Mar 2024 09:00

Instrument :

MSVOA_V

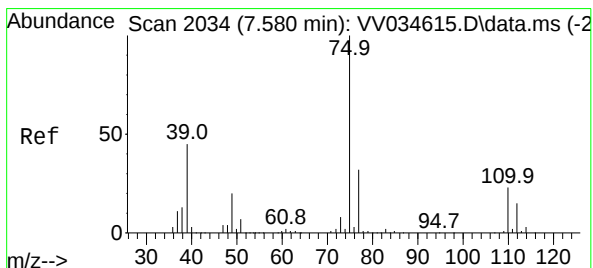
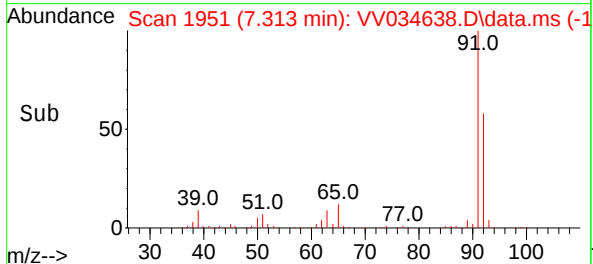
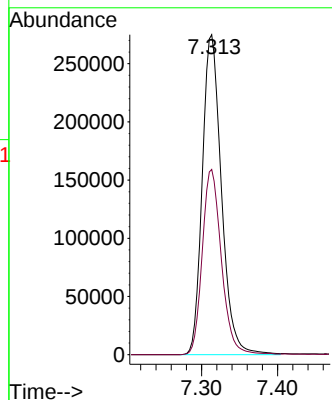
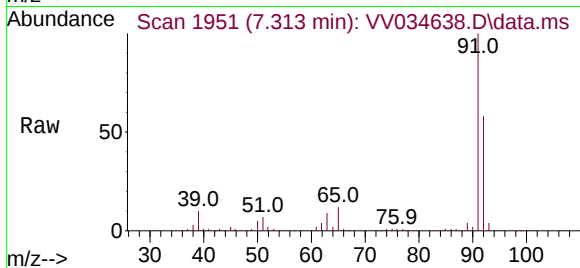
ClientSampleId :

Tgt Ion: 91 Resp: 481944

Ion Ratio Lower Upper

91 100

92 57.9 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 45.839 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.003 min

Lab File: VV034638.D

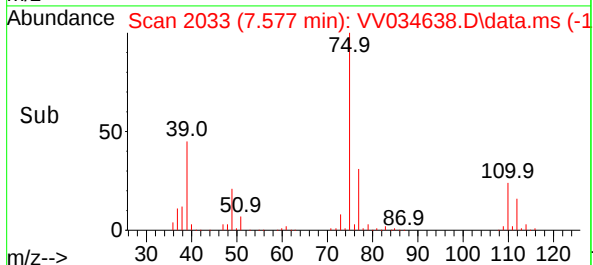
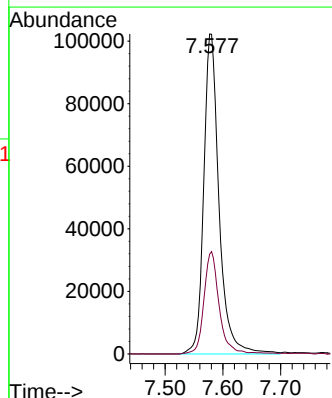
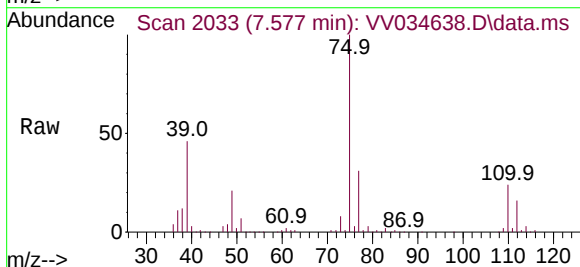
Acq: 15 Mar 2024 09:00

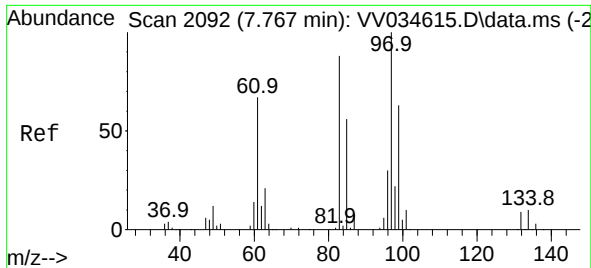
Tgt Ion: 75 Resp: 188205

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.4

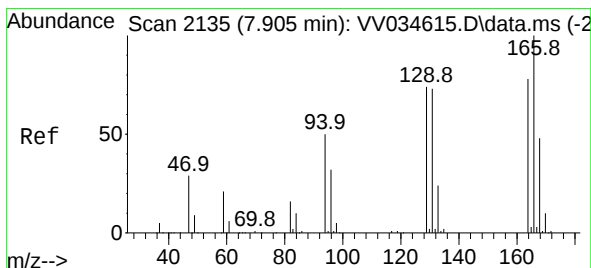
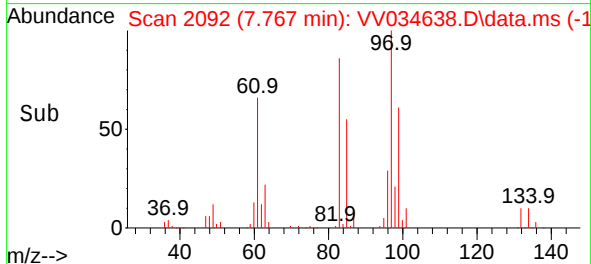
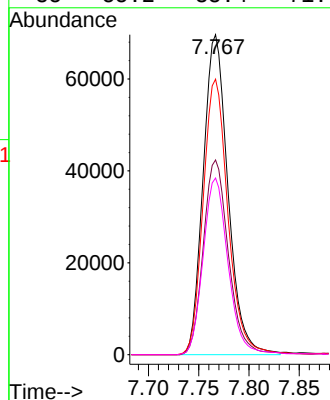
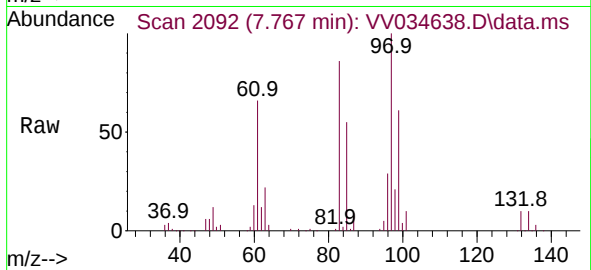




#45
1,1,2-Trichloroethane
Concen: 47.037 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV034638.D
Acq: 15 Mar 2024 09:00

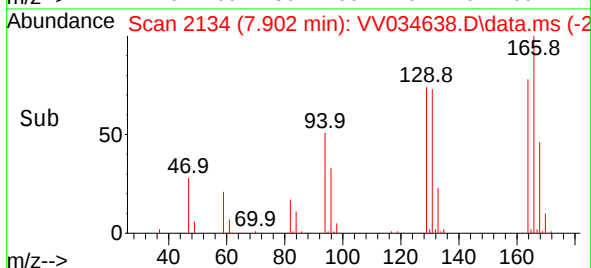
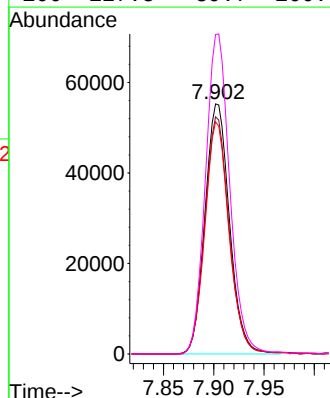
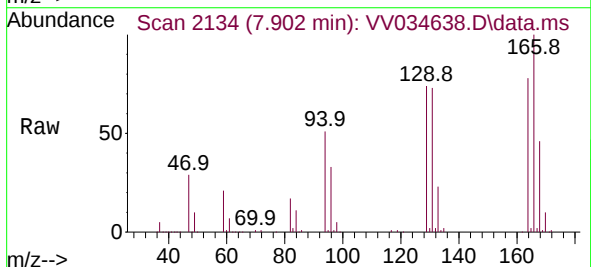
Instrument :
MSVOA_V
ClientSampleId :

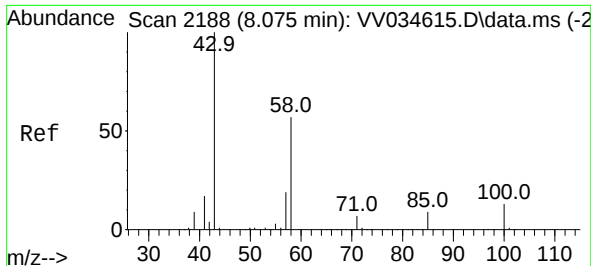
Tgt Ion:	97	Resp:	119582
Ion	Ratio	Lower	Upper
97	100		
99	60.8	43.8	81.4
83	86.1	59.4	110.2
85	55.2	38.4	71.4



#46
Tetrachloroethene
Concen: 44.137 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.003 min
Lab File: VV034638.D
Acq: 15 Mar 2024 09:00

Tgt Ion:	164	Resp:	93904
Ion	Ratio	Lower	Upper
164	100		
129	94.8	65.7	121.9
131	92.8	62.2	115.6
166	127.8	89.7	166.7





#48

2-Hexanone

Concen: 102.854 ug/L

RT: 8.072 min Scan# 2188

Delta R.T. -0.003 min

Lab File: VV034638.D

Acq: 15 Mar 2024 09:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 318434

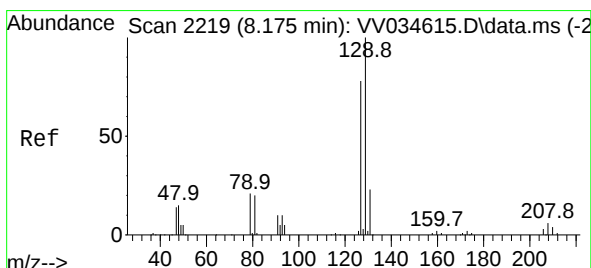
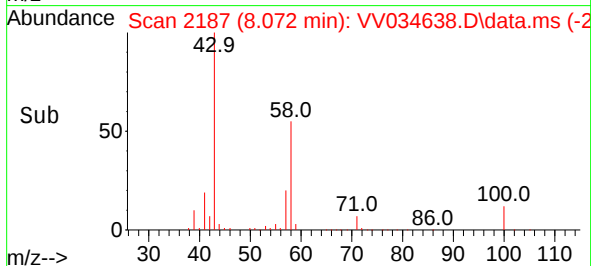
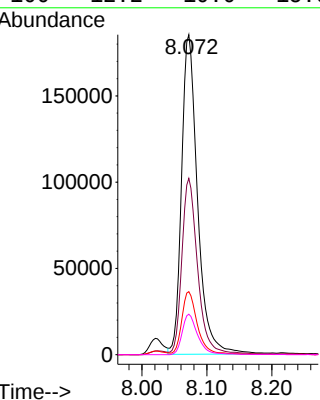
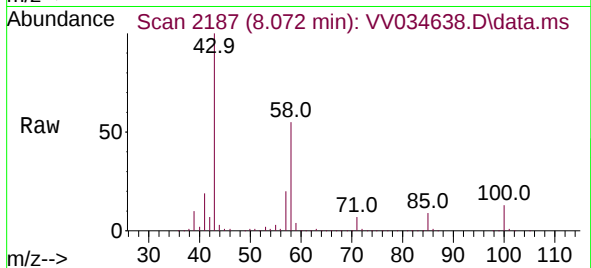
Ion Ratio Lower Upper

43 100

58 53.9 42.0 63.0

57 18.9 15.2 22.8

100 12.2 10.0 15.0



#49

Dibromochloromethane

Concen: 46.099 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. -0.000 min

Lab File: VV034638.D

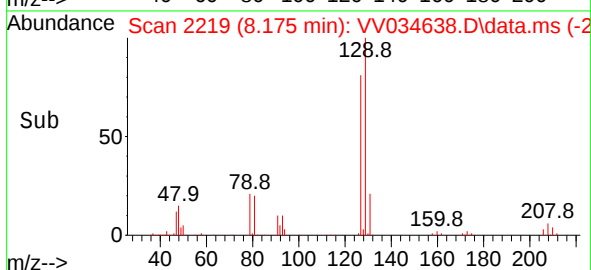
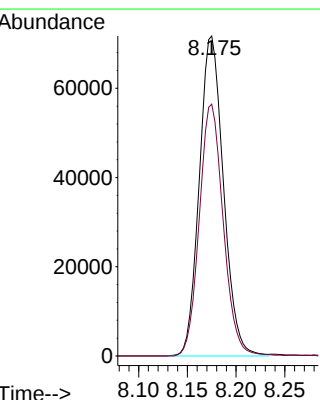
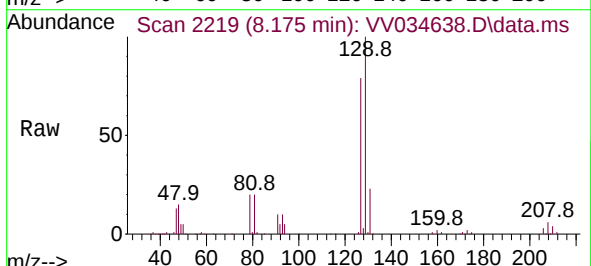
Acq: 15 Mar 2024 09:00

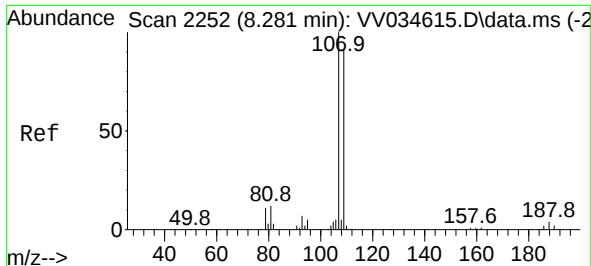
Tgt Ion:129 Resp: 123676

Ion Ratio Lower Upper

129 100

127 78.7 53.3 98.9

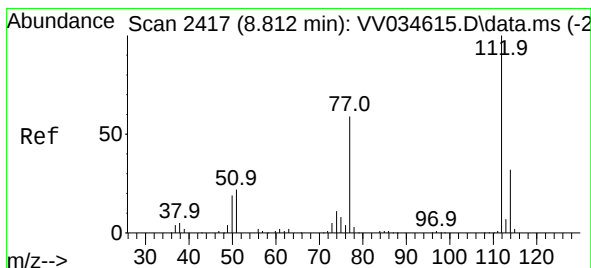
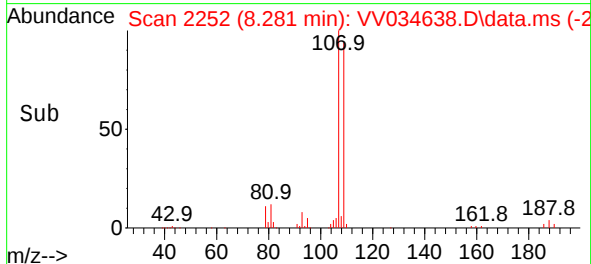
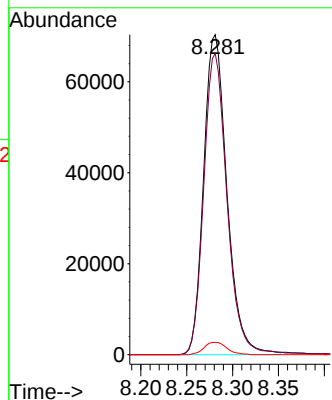
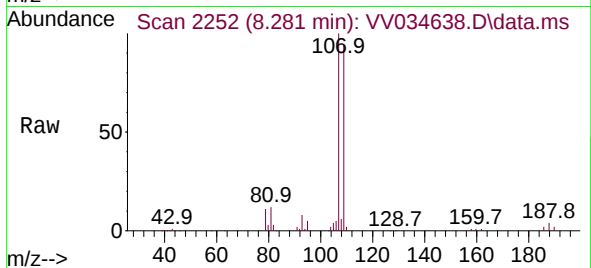




#50
1,2-Dibromoethane
Concen: 46.069 ug/L
RT: 8.281 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034638.D
Acq: 15 Mar 2024 09:00

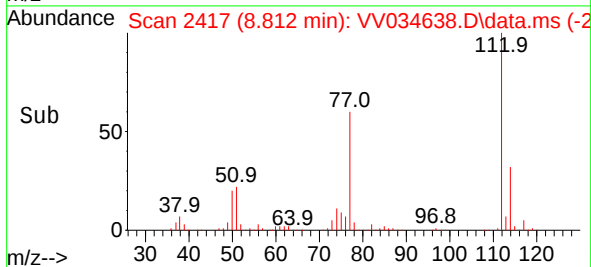
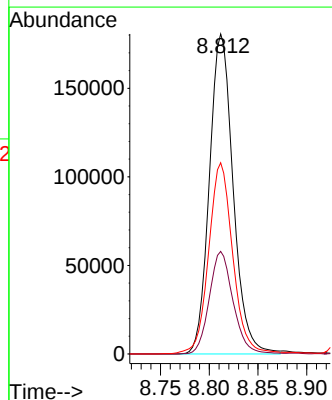
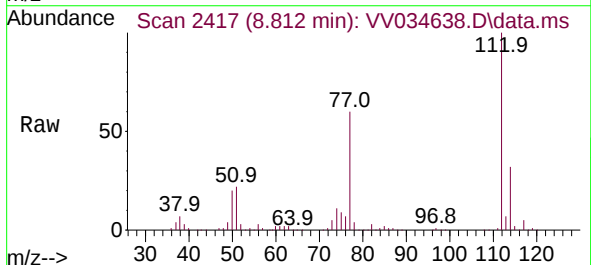
Instrument :
MSVOA_V
ClientSampleId :

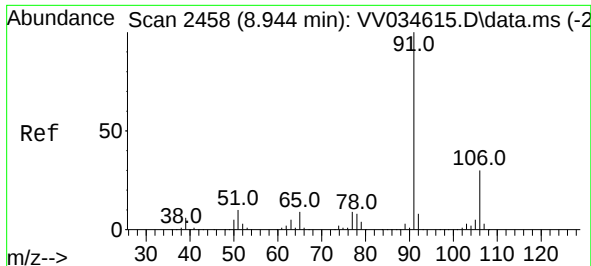
Tgt Ion:107 Resp: 124284
Ion Ratio Lower Upper
107 100
109 94.1 66.5 123.5
188 3.9 3.4 5.2



#51
Chlorobenzene
Concen: 44.584 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV034638.D
Acq: 15 Mar 2024 09:00

Tgt Ion:112 Resp: 306999
Ion Ratio Lower Upper
112 100
114 32.1 22.3 41.5
77 59.8 47.7 71.5





#52

Ethylbenzene

Concen: 45.213 ug/L

RT: 8.943 min Scan# 2458

Delta R.T. -0.000 min

Lab File: VV034638.D

Acq: 15 Mar 2024 09:00

Instrument :

MSVOA_V

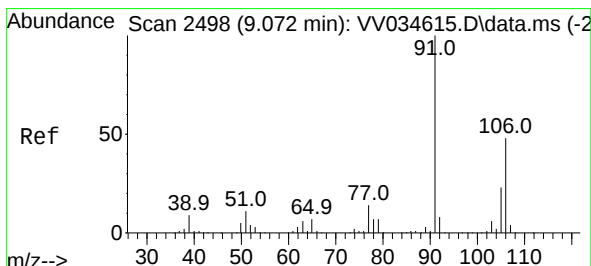
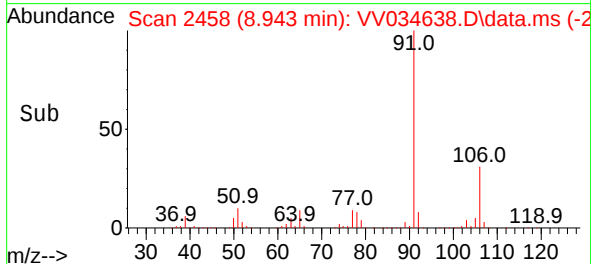
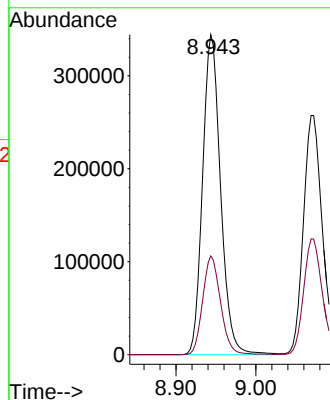
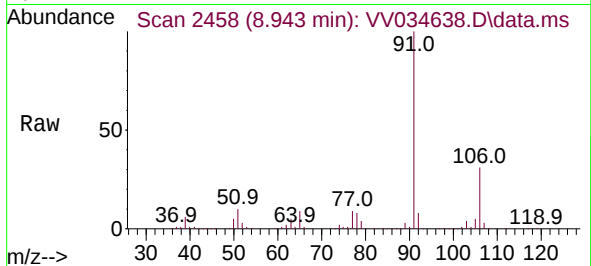
ClientSampleId :

Tgt Ion: 91 Resp: 539607

Ion Ratio Lower Upper

91 100

106 30.9 21.3 39.5



#53

m,p-Xylene

Concen: 44.815 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. -0.003 min

Lab File: VV034638.D

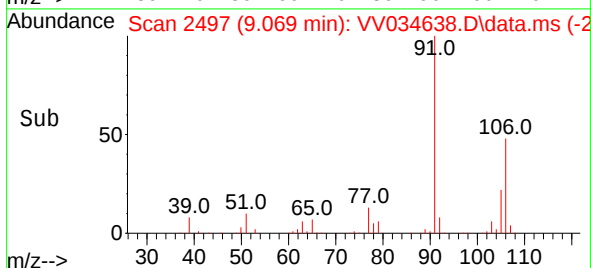
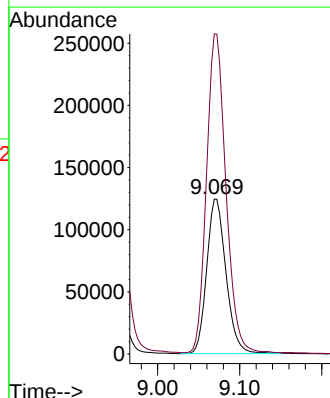
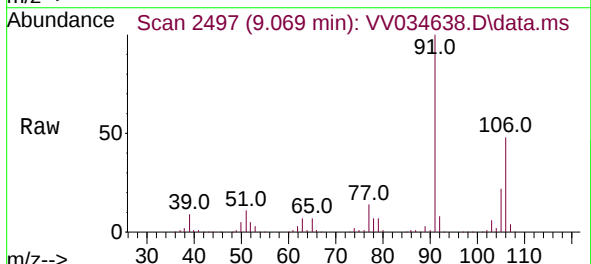
Acq: 15 Mar 2024 09:00

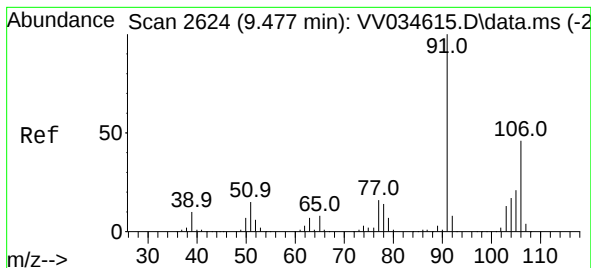
Tgt Ion:106 Resp: 202966

Ion Ratio Lower Upper

106 100

91 206.7 145.3 269.9





#54

o-Xylene

Concen: 45.071 ug/L

RT: 9.477 min Scan# 2624

Delta R.T. -0.000 min

Lab File: VV034638.D

Acq: 15 Mar 2024 09:00

Instrument :

MSVOA_V

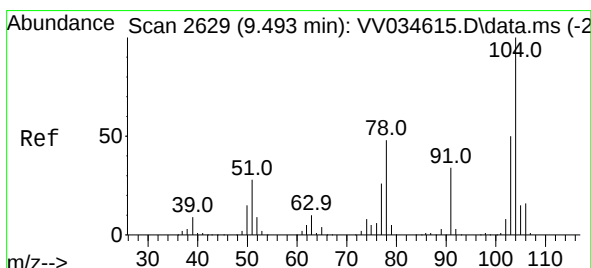
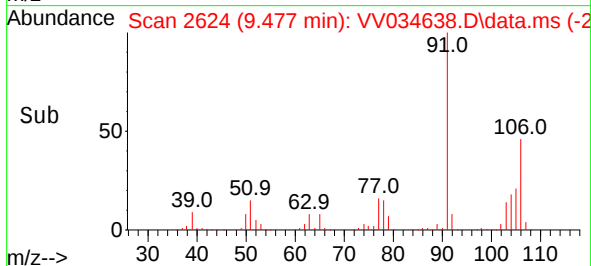
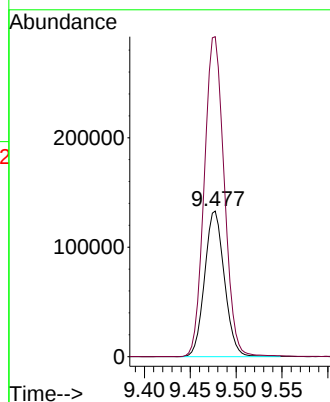
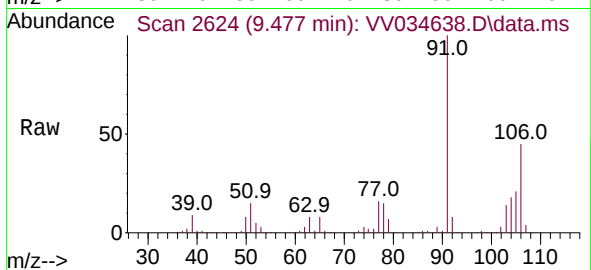
ClientSampleId :

Tgt Ion:106 Resp: 199882

Ion Ratio Lower Upper

106 100

91 219.9 152.2 282.7



#55

Styrene

Concen: 45.778 ug/L

RT: 9.493 min Scan# 2629

Delta R.T. -0.000 min

Lab File: VV034638.D

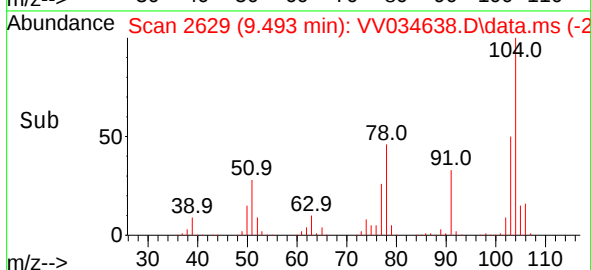
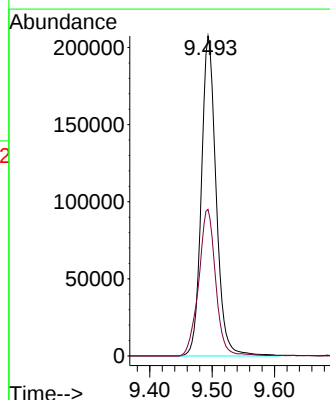
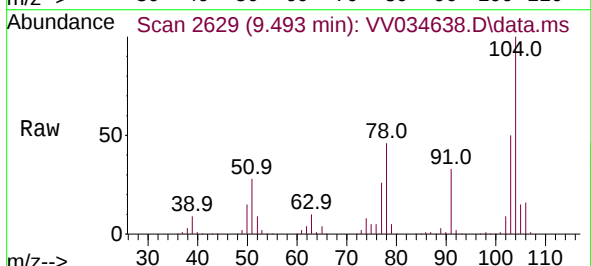
Acq: 15 Mar 2024 09:00

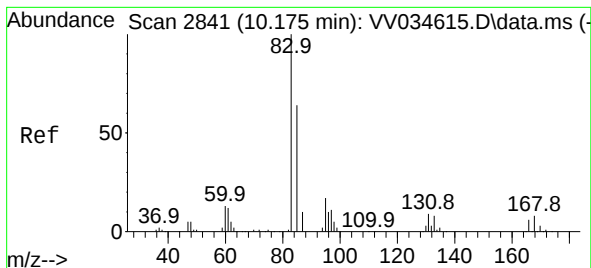
Tgt Ion:104 Resp: 343738

Ion Ratio Lower Upper

104 100

78 45.8 33.0 61.4

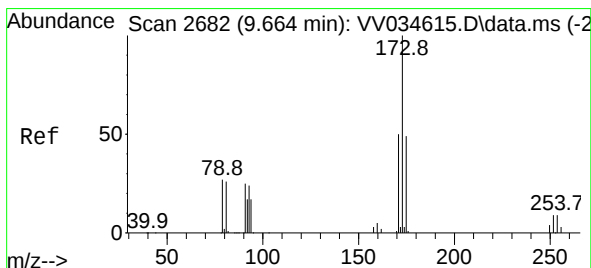
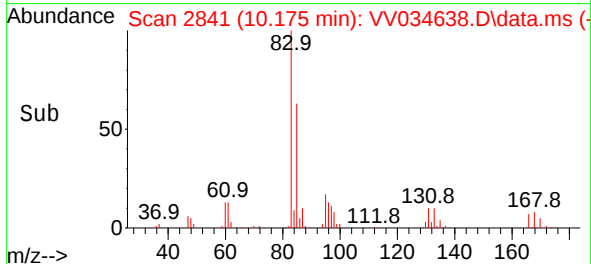
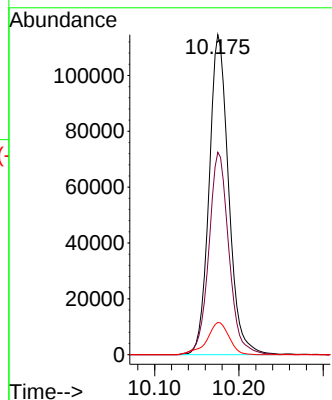
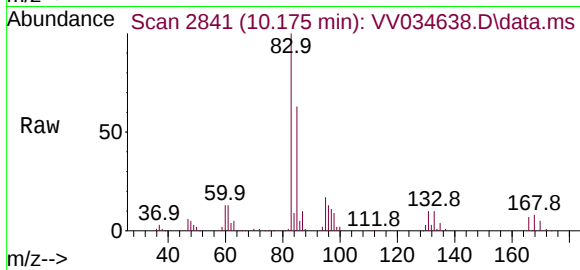




#57
1,1,2,2-Tetrachloroethane
Concen: 48.379 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.000 min
Lab File: VV034638.D
Acq: 15 Mar 2024 09:00

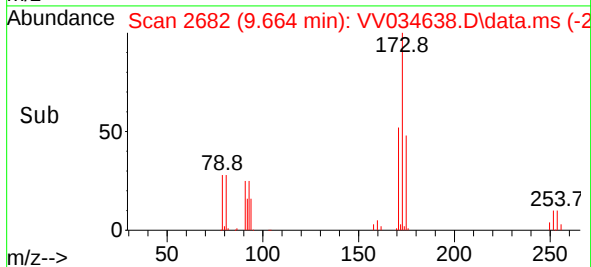
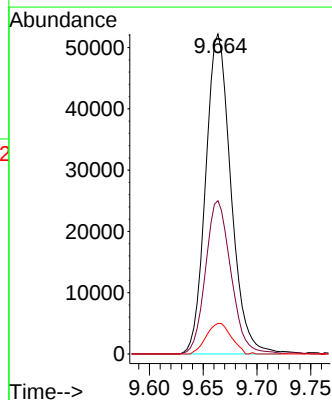
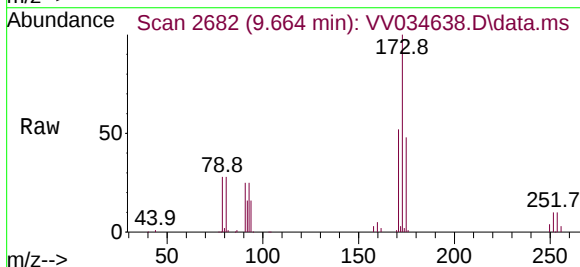
Instrument :
MSVOA_V
ClientSampleId :

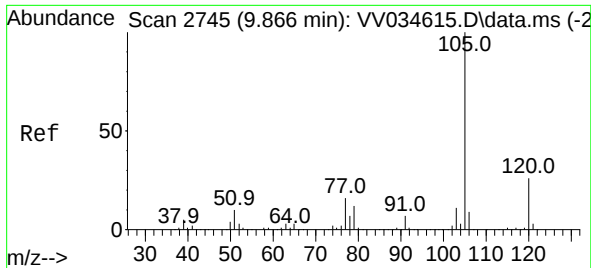
Tgt Ion: 83 Resp: 184735
Ion Ratio Lower Upper
83 100
85 63.2 45.4 84.2
131 10.1 8.3 12.5



#59
Bromoform
Concen: 45.298 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.000 min
Lab File: VV034638.D
Acq: 15 Mar 2024 09:00

Tgt Ion: 173 Resp: 85398
Ion Ratio Lower Upper
173 100
175 48.2 39.1 58.7
254 9.4 7.8 11.8

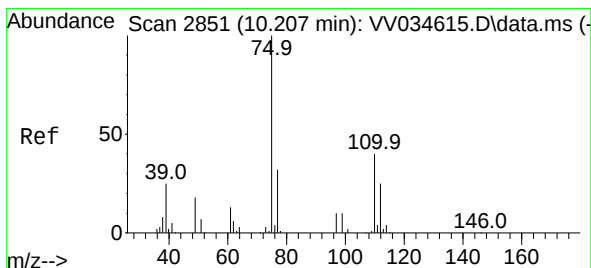
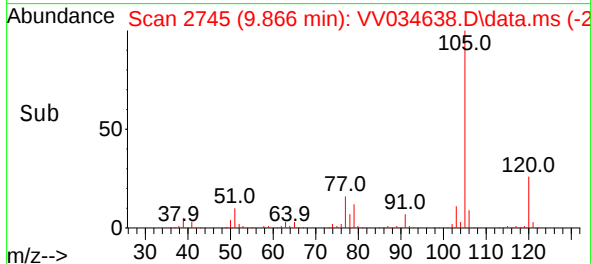
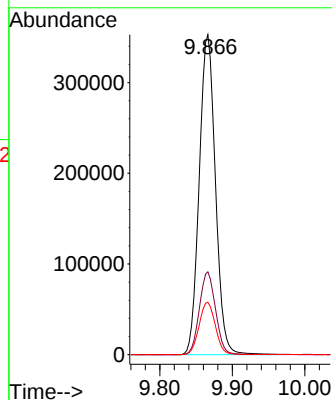
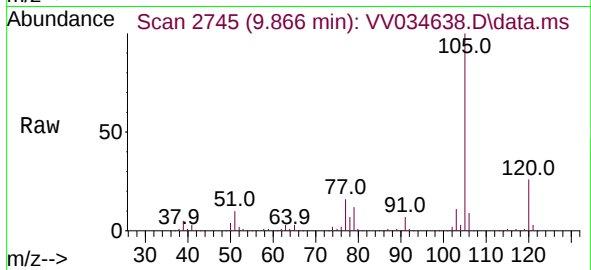




#60
Isopropylbenzene
Concen: 45.564 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034638.D
Acq: 15 Mar 2024 09:00

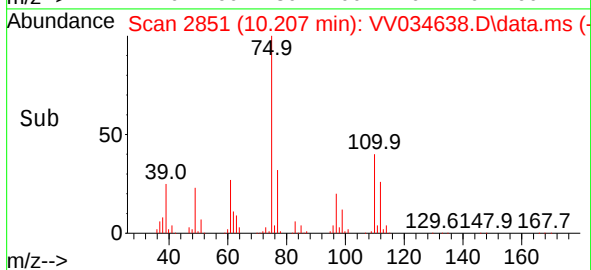
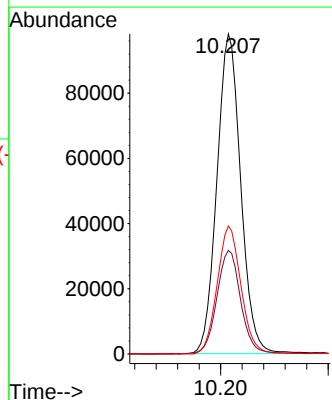
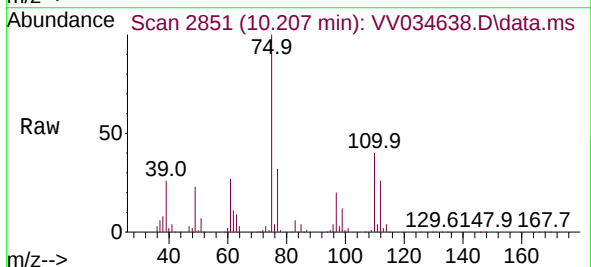
Instrument :
MSVOA_V
ClientSampleId :

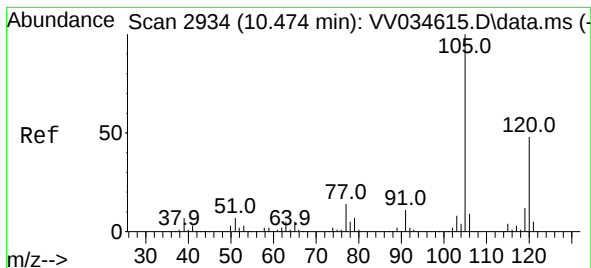
Tgt Ion:105 Resp: 547963
Ion Ratio Lower Upper
105 100
120 25.8 20.8 31.2
77 16.5 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 46.290 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV034638.D
Acq: 15 Mar 2024 09:00

Tgt Ion: 75 Resp: 150251
Ion Ratio Lower Upper
75 100
77 32.6 25.9 38.9
110 40.1 33.1 49.7





#62

1,3,5-Trimethylbenzene

Concen: 45.284 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV034638.D

Acq: 15 Mar 2024 09:00

Instrument :

MSVOA_V

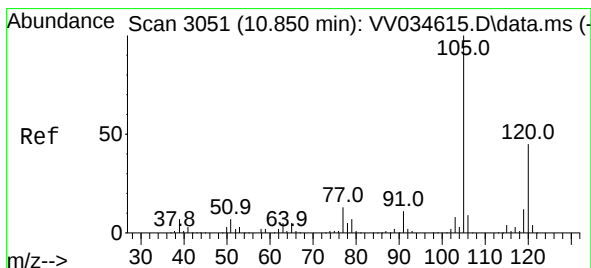
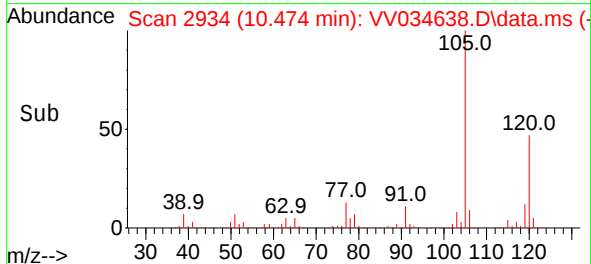
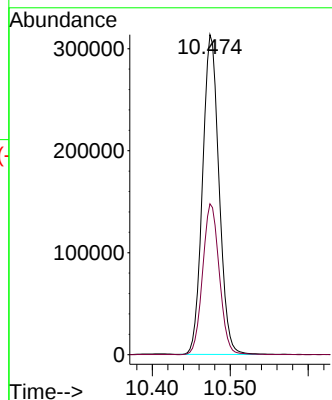
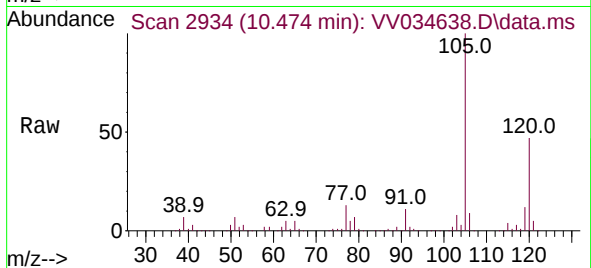
ClientSampleId :

Tgt Ion:105 Resp: 459389

Ion Ratio Lower Upper

105 100

120 47.9 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 45.787 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV034638.D

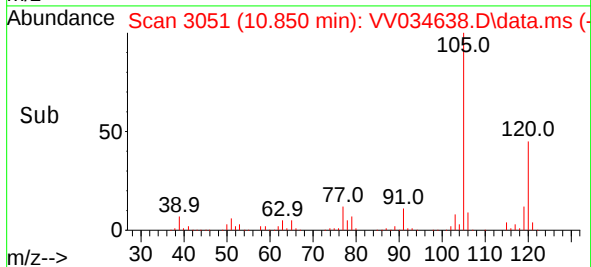
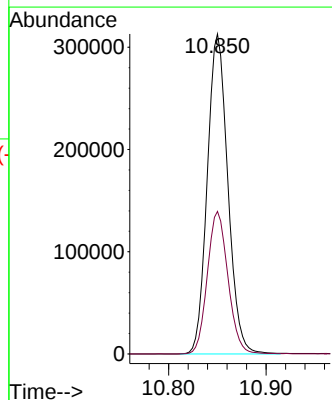
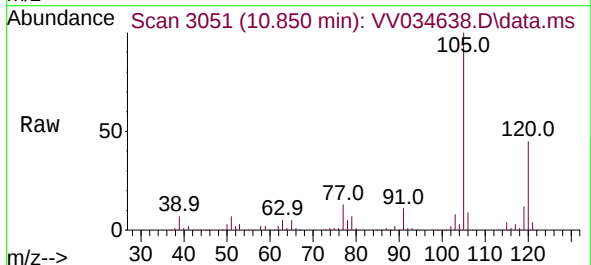
Acq: 15 Mar 2024 09:00

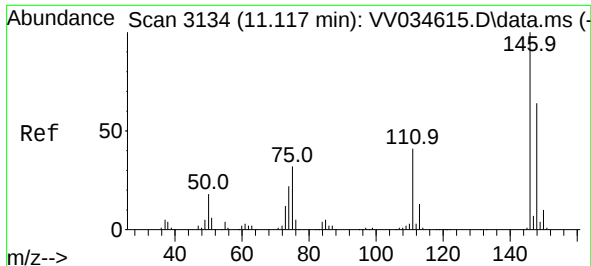
Tgt Ion:105 Resp: 459400

Ion Ratio Lower Upper

105 100

120 44.7 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 44.792 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. -0.000 min

Lab File: VV034638.D

Acq: 15 Mar 2024 09:00

Instrument :

MSVOA_V

ClientSampleId :

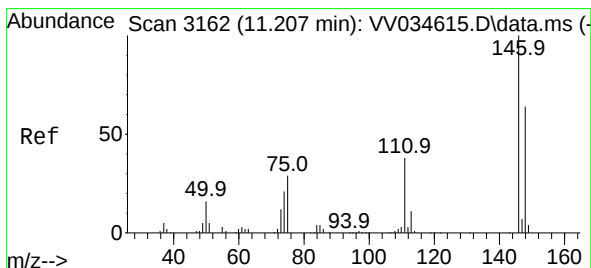
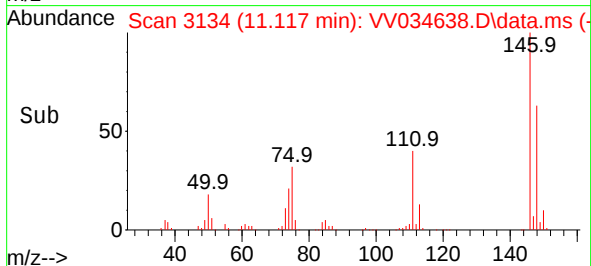
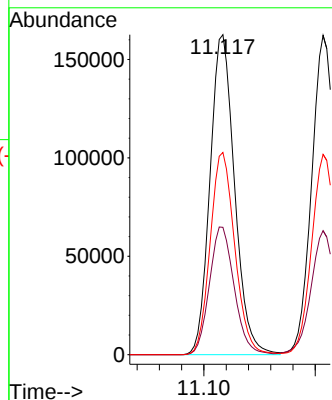
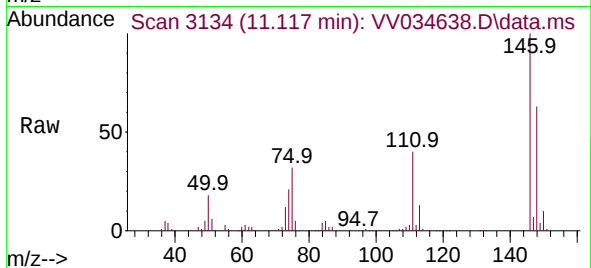
Tgt Ion:146 Resp: 249064

Ion Ratio Lower Upper

146 100

111 39.8 27.9 51.7

148 63.2 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 44.388 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV034638.D

Acq: 15 Mar 2024 09:00

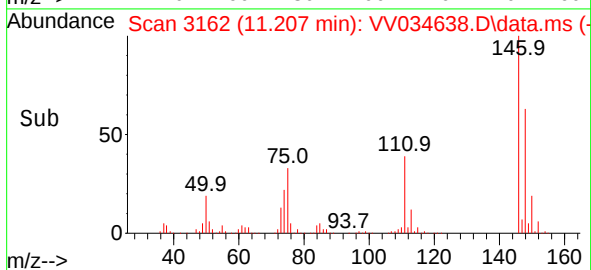
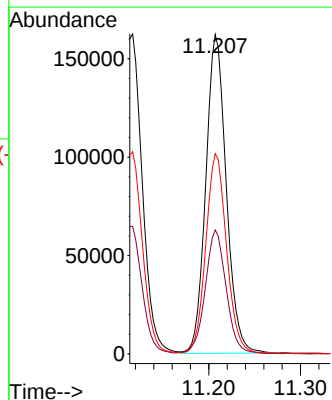
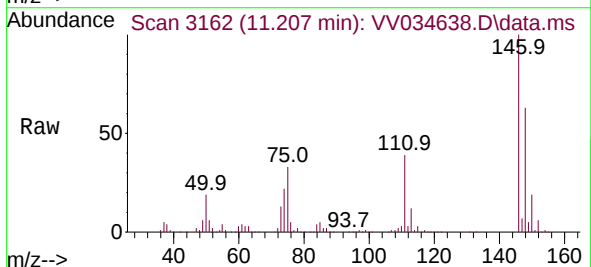
Tgt Ion:146 Resp: 250644

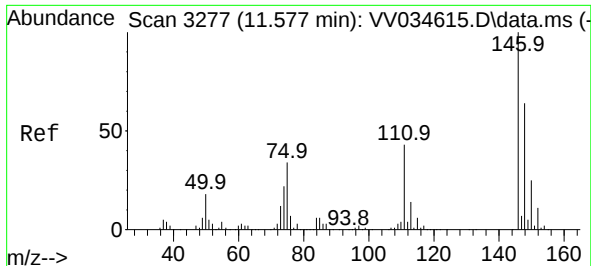
Ion Ratio Lower Upper

146 100

111 38.8 26.5 49.1

148 62.7 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 44.802 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034638.D

Acq: 15 Mar 2024 09:00

Instrument :

MSVOA_V

ClientSampleId :

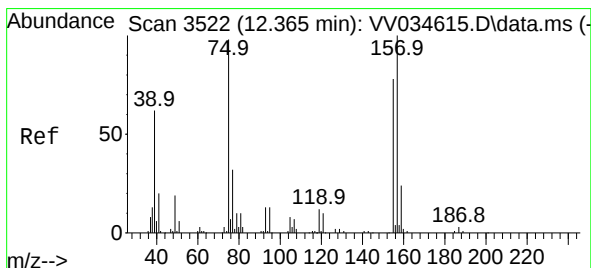
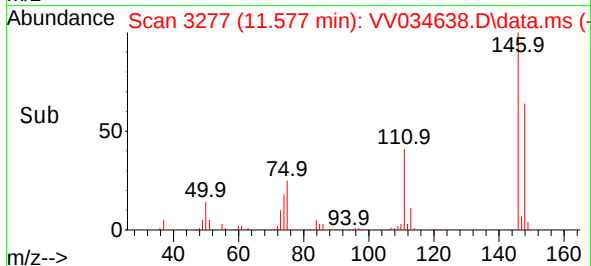
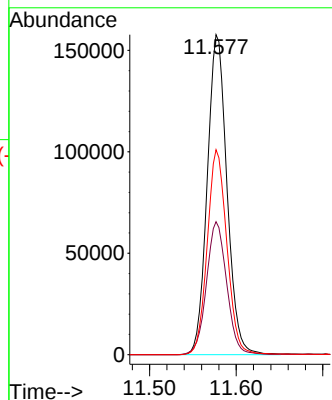
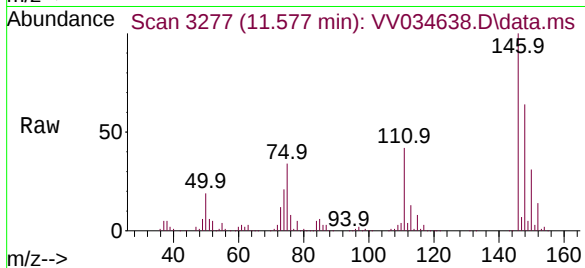
Tgt Ion:146 Resp: 249625

Ion Ratio Lower Upper

146 100

111 41.6 33.8 50.8

148 64.1 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 46.067 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV034638.D

Acq: 15 Mar 2024 09:00

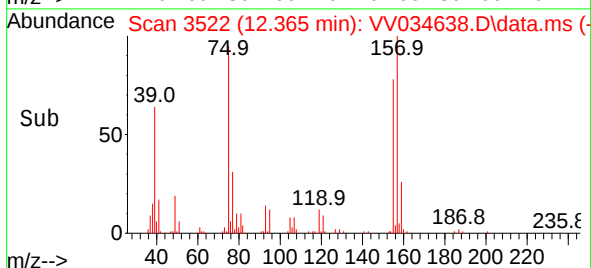
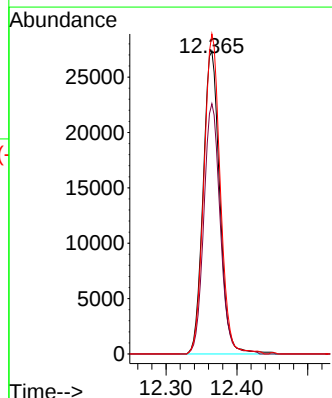
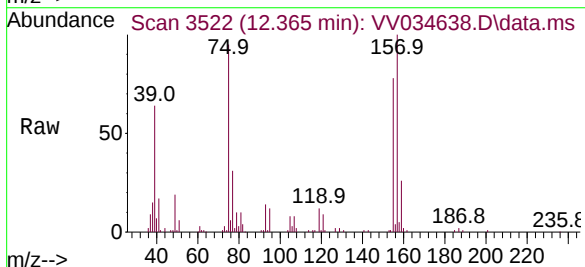
Tgt Ion: 75 Resp: 44542

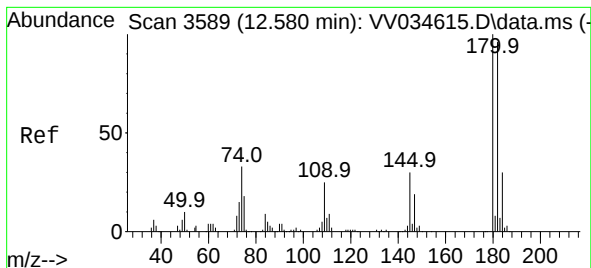
Ion Ratio Lower Upper

75 100

155 82.7 63.3 94.9

157 105.7 81.4 122.0





#69

1,3,5-Trichlorobenzene

Concen: 43.995 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

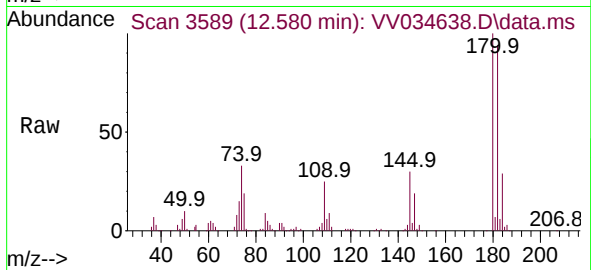
Lab File: VV034638.D

Acq: 15 Mar 2024 09:00

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 183518

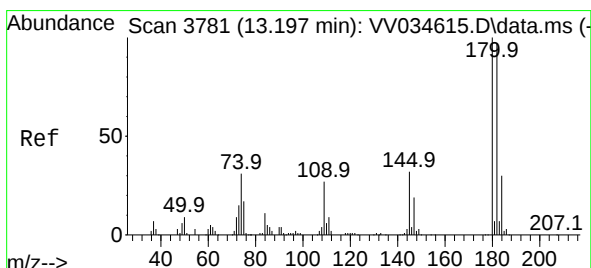
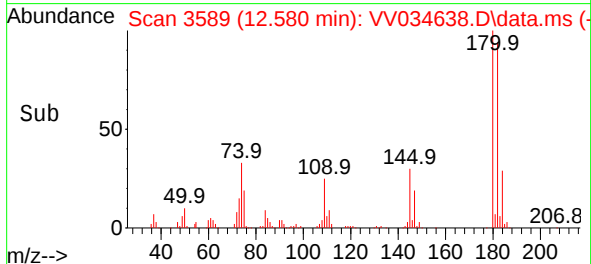
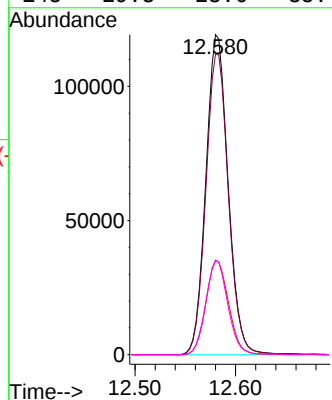
Ion Ratio Lower Upper

180 100

182 95.1 74.6 112.0

184 29.7 23.6 35.4

145 29.3 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 44.421 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV034638.D

Acq: 15 Mar 2024 09:00

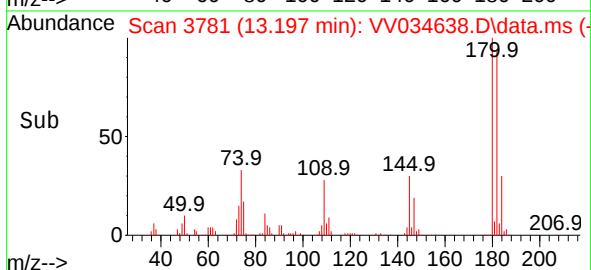
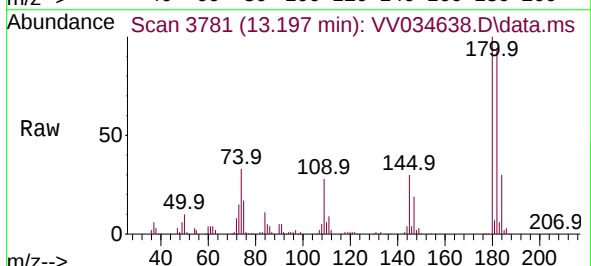
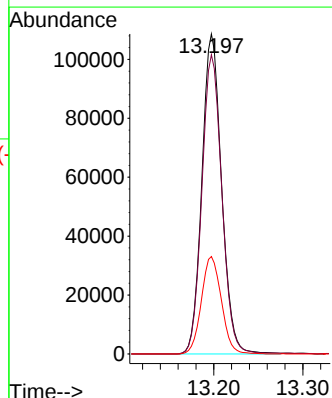
Tgt Ion:180 Resp: 166730

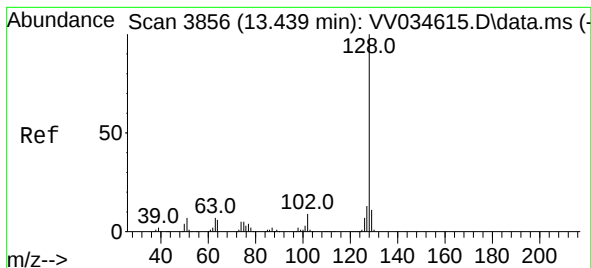
Ion Ratio Lower Upper

180 100

182 94.4 74.8 112.2

145 30.8 24.2 36.4





#71

Naphthalene

Concen: 45.331 ug/L

RT: 13.438 min Scan# 3856

Delta R.T. -0.000 min

Lab File: VV034638.D

Acq: 15 Mar 2024 09:00

Instrument :

MSVOA_V

ClientSampleId :

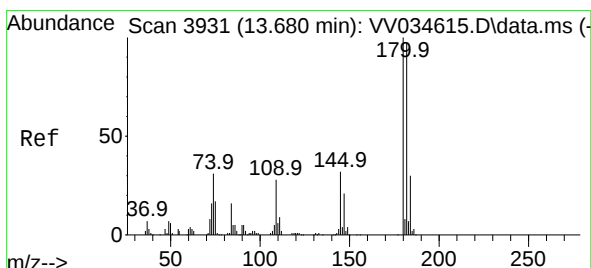
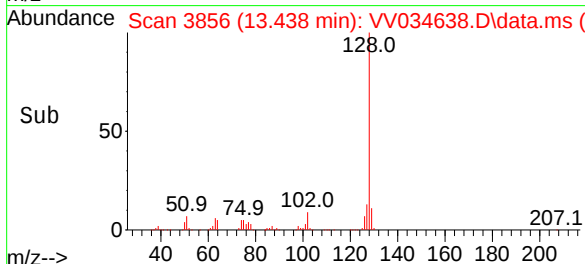
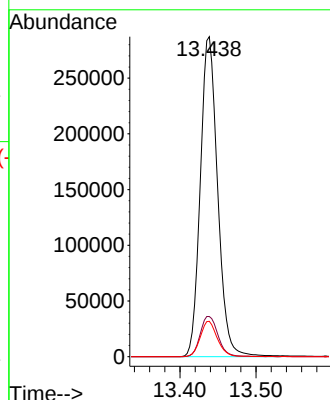
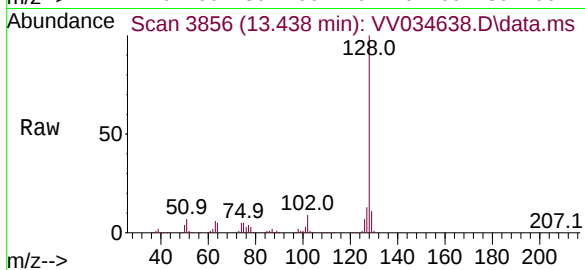
Tgt Ion:128 Resp: 455132

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 46.045 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV034638.D

Acq: 15 Mar 2024 09:00

Tgt Ion:180 Resp: 168600

Ion Ratio Lower Upper

180 100

182 95.5 75.9 113.9

145 31.9 25.5 38.3

