

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032824\
 Data File : VW034893.D
 Acq On : 28 Mar 2024 17:58
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 29 00:27:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 00:23:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	361816	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	357380	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	186500	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.278	65	157668	45.122	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.240%
7) Chloroethane-d5	1.529	69	146086	48.134	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.260%
11) 1,1-Dichloroethene-d2	2.060	65	71178	46.470	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.940%
21) 2-Butanone-d5	3.789	46	165691	79.952	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.950%
24) Chloroform-d	4.249	84	263292	44.816	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.640%
26) 1,2-Dichloroethane-d4	4.940	65	160000	42.896	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.800%
32) Benzene-d6	4.960	84	522309	43.509	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.020%
36) 1,2-Dichloropropane-d6	5.989	67	161100	42.261	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.520%
41) Toluene-d8	7.243	98	481128	44.503	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	7.551	79	78079	42.132	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.260%
47) 2-Hexanone-d5	8.024	63	117706	81.668	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.670%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	229224	43.666	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.340%
66) 1,2-Dichlorobenzene-d4	11.558	152	176340	42.113	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.220%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.105	85	122901	46.867	ug/L	100
3) Chloromethane	1.214	50	137421	40.763	ug/L	100
5) Vinyl chloride	1.281	62	156391	44.250	ug/L	99
6) Bromomethane	1.487	94	124065	46.831	ug/L	97
8) Chloroethane	1.548	64	113868	47.175	ug/L	98
9) Trichlorofluoromethane	1.712	101	233555	50.350	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	146741	51.684	ug/L	99
12) 1,1-Dichloroethene	2.069	96	129502	47.691	ug/L	92
13) Acetone	2.117	43	146111	76.796	ug/L	98
14) Carbon disulfide	2.240	76	302033	39.497	ug/L	100
15) Methyl Acetate	2.375	43	135909	45.330	ug/L	96
16) Methylene chloride	2.445	84	141131	47.966	ug/L	95
17) trans-1,2-Dichloroethene	2.693	96	124031	47.244	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	436884	47.378	ug/L	99
19) 1,1-Dichloroethane	3.111	63	253807	47.143	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	145548	48.822	ug/L	93
22) 2-Butanone	3.867	43	192131	87.026	ug/L	97
23) Bromochloromethane	4.146	128	74653	50.051	ug/L	92
25) Chloroform	4.275	83	262003	49.223	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032824\
 Data File : VV034893.D
 Acq On : 28 Mar 2024 17:58
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

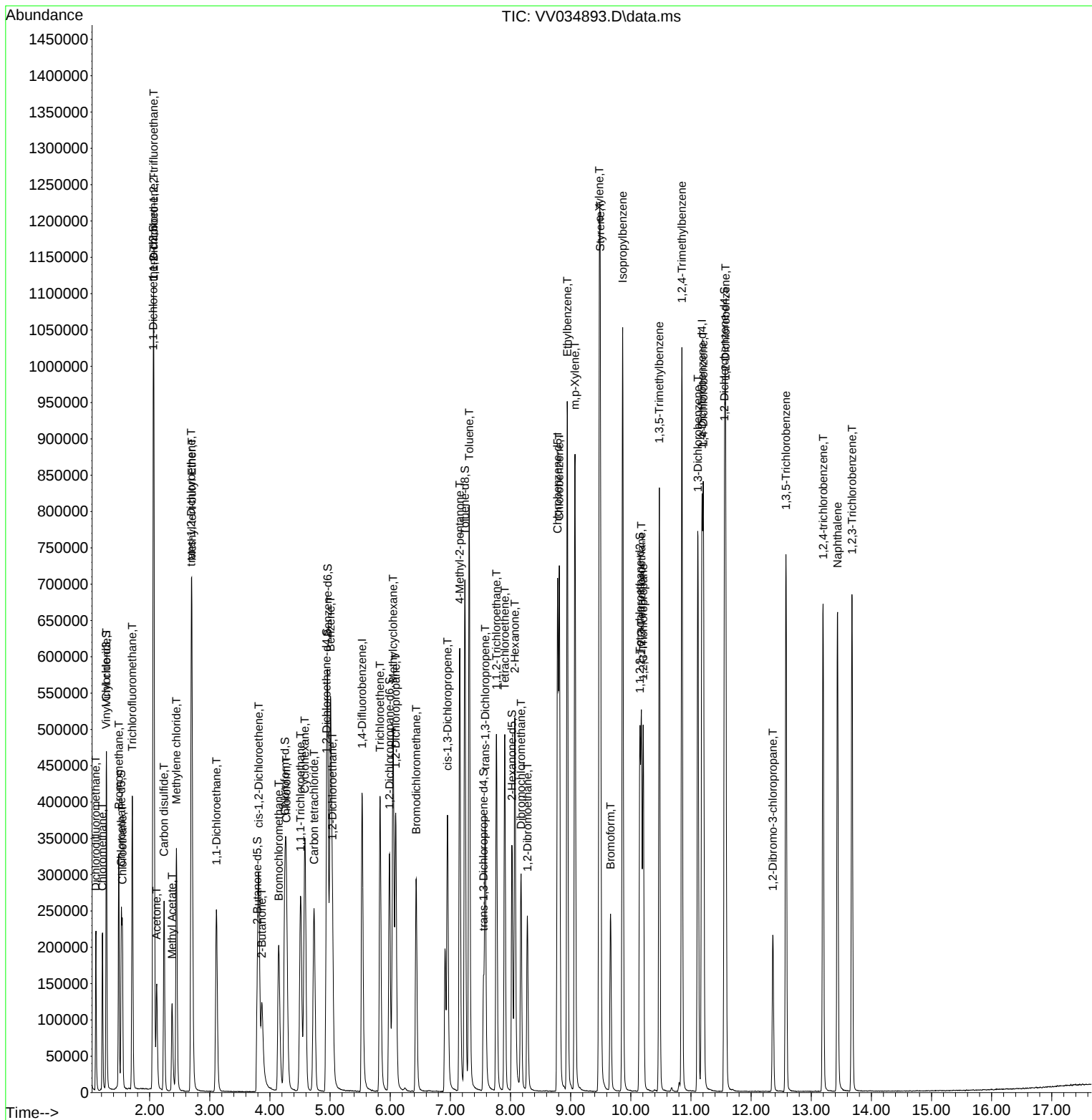
Instrument :
 MSVOA_V
 ClientSampleId :

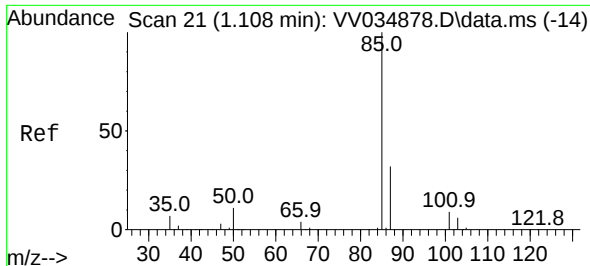
Quant Time: Mar 29 00:27:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 00:23:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	204843	48.336	ug/L	100
29) Cyclohexane	4.580	56	195490	43.674	ug/L	96
30) 1,1,1-Trichloroethane	4.510	97	222897	47.848	ug/L	99
31) Carbon tetrachloride	4.735	117	190917	48.353	ug/L	99
33) Benzene	5.008	78	545555	46.814	ug/L	100
34) Trichloroethene	5.831	95	145995	46.421	ug/L	99
35) Methylcyclohexane	6.050	83	218986	46.105	ug/L	97
37) 1,2-Dichloropropane	6.092	63	150162	46.627	ug/L	99
38) Bromodichloromethane	6.432	83	198712	47.822	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	239932	47.293	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	382841	93.107	ug/L	99
42) Toluene	7.313	91	585926	48.024	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	224625	48.193	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	150224	49.489	ug/L	98
46) Tetrachloroethene	7.905	164	107437	48.896	ug/L	98
48) 2-Hexanone	8.072	43	315055	90.089	ug/L	99
49) Dibromochloromethane	8.175	129	147648	49.111	ug/L	99
50) 1,2-Dibromoethane	8.281	107	158861	48.611	ug/L	100
51) Chlorobenzene	8.812	112	380429	48.110	ug/L	100
52) Ethylbenzene	8.944	91	653651	48.341	ug/L	99
53) m,p-Xylene	9.072	106	242086	48.616	ug/L	98
54) o-Xylene	9.477	106	239445	48.599	ug/L	98
55) Styrene	9.493	104	420086	50.454	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	246835	50.188	ug/L	100
59) Bromoform	9.664	173	104431	48.862	ug/L	99
60) Isopropylbenzene	9.866	105	650706	48.397	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	193337	47.840	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	421992	48.328	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	526489	48.767	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	300758	47.867	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	306114	47.909	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	303388	48.471	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	52388	47.053	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	215501	47.590	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	195219	46.933	ug/L	99
71) Naphthalene	13.439	128	514506	44.583	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	201150	49.059	ug/L	98

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

Quant Time: Mar 29 00:27:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 00:23:40 2024
Response via : Initial Calibration

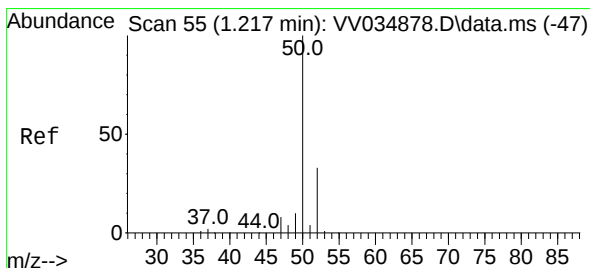
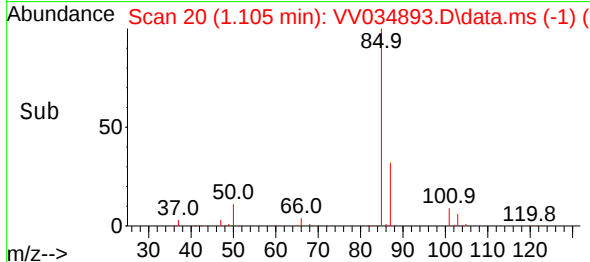
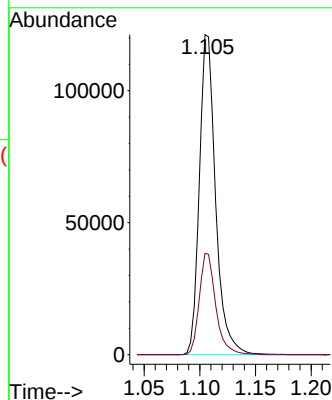
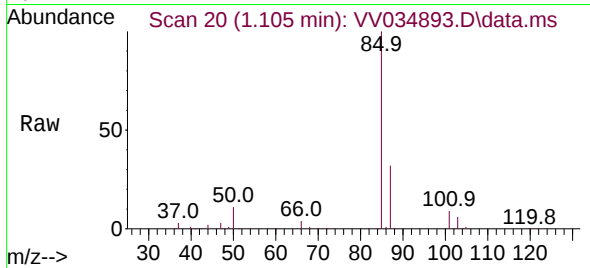




#2
 Dichlorodifluoromethane
 Concen: 46.867 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV034893.D
 Acq: 28 Mar 2024 17:58

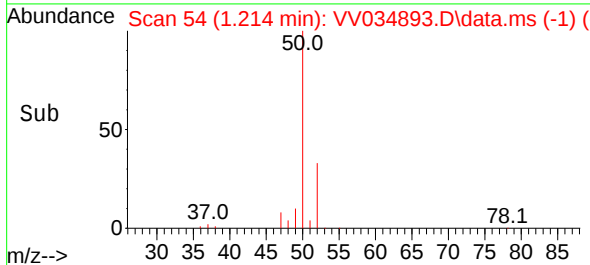
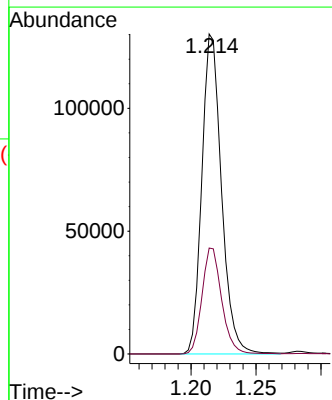
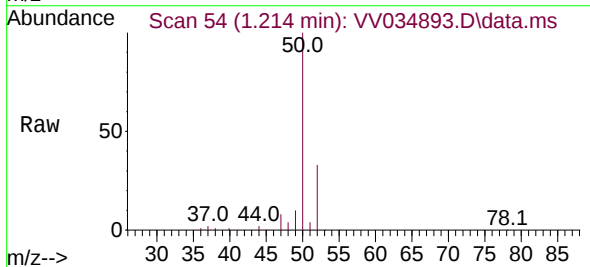
Instrument :
 MSVOA_V
 ClientSampleId :

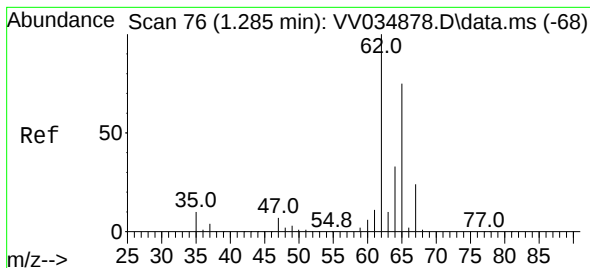
Tgt Ion: 85 Resp: 122901
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.7 38.5



#3
 Chloromethane
 Concen: 40.763 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV034893.D
 Acq: 28 Mar 2024 17:58

Tgt Ion: 50 Resp: 137421
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.0 42.8





#5

Vinyl chloride

Concen: 44.250 ug/L

RT: 1.281 min Scan# 76

Delta R.T. -0.003 min

Lab File: VV034893.D

Acq: 28 Mar 2024 17:58

Instrument :

MSVOA_V

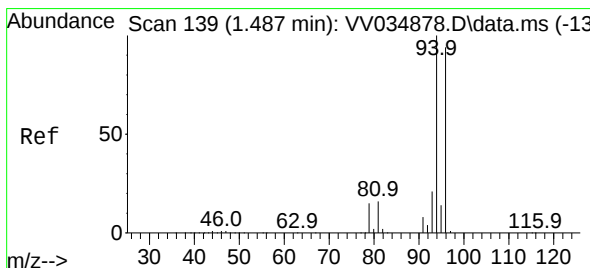
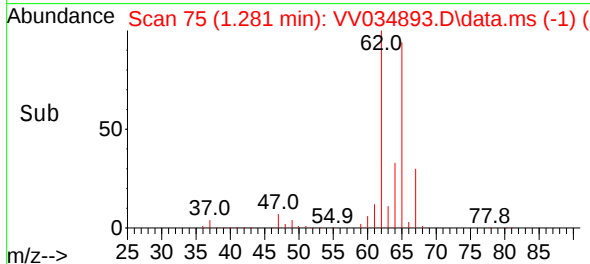
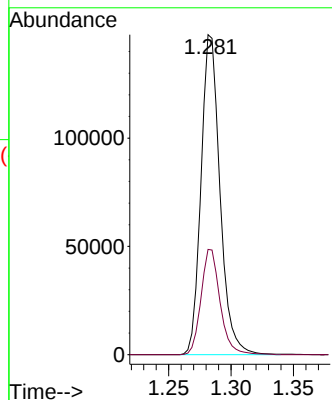
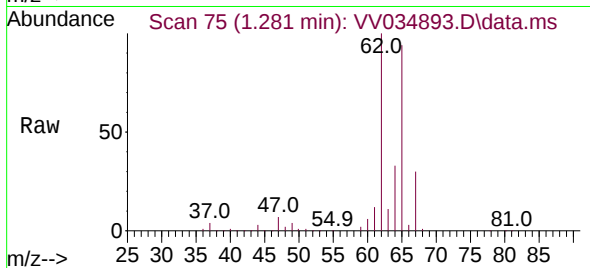
ClientSampleId :

Tgt Ion: 62 Resp: 156391

Ion Ratio Lower Upper

62 100

64 32.9 23.6 43.8



#6

Bromomethane

Concen: 46.831 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.000 min

Lab File: VV034893.D

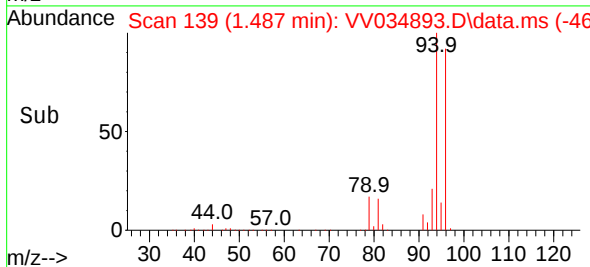
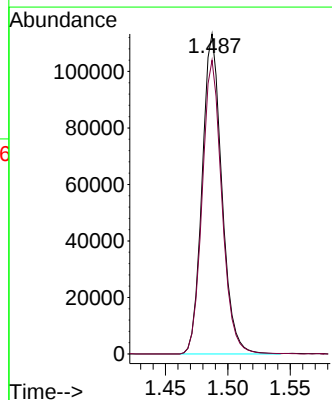
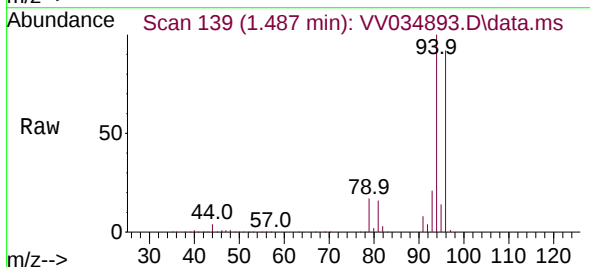
Acq: 28 Mar 2024 17:58

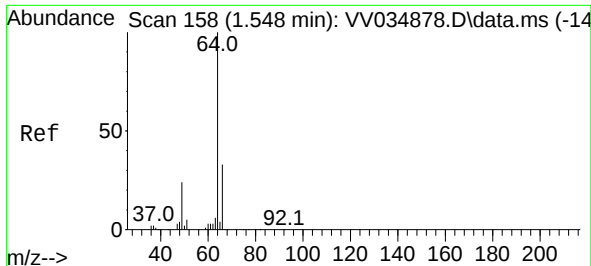
Tgt Ion: 94 Resp: 124065

Ion Ratio Lower Upper

94 100

96 91.8 66.3 123.1

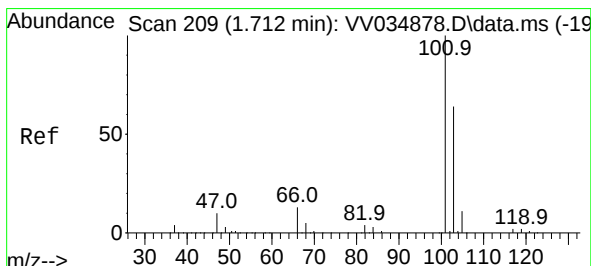
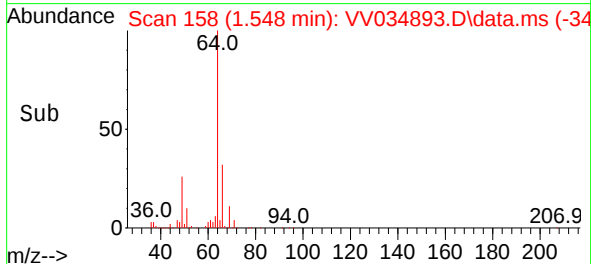
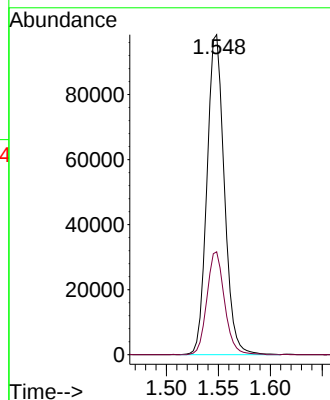
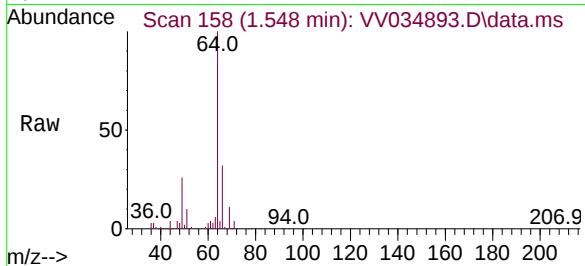




#8
Chloroethane
Concen: 47.175 ug/L
RT: 1.548 min Scan# 158
Delta R.T. -0.000 min
Lab File: VV034893.D
Acq: 28 Mar 2024 17:58

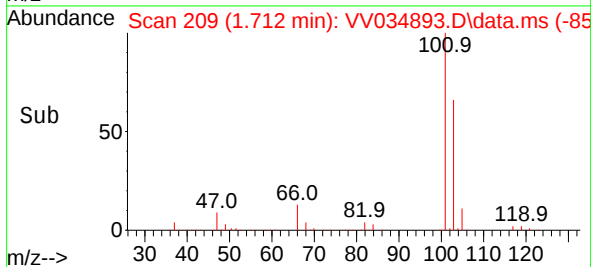
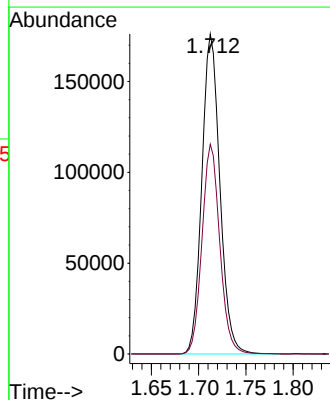
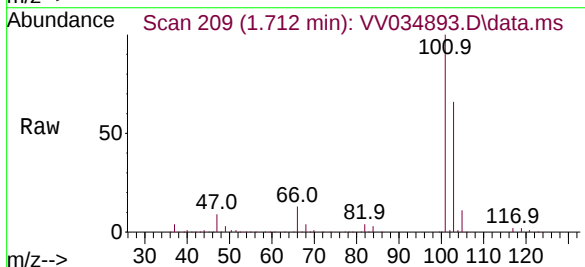
Instrument :
MSVOA_V
ClientSampleId :

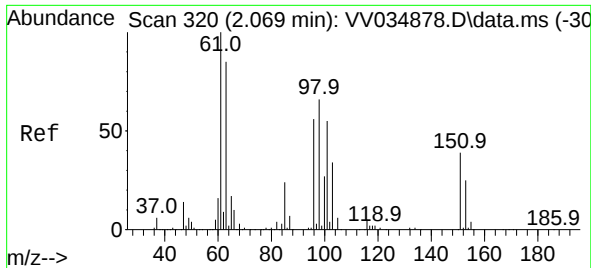
Tgt Ion: 64 Resp: 113868
Ion Ratio Lower Upper
64 100
66 32.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 50.350 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV034893.D
Acq: 28 Mar 2024 17:58

Tgt Ion:101 Resp: 233555
Ion Ratio Lower Upper
101 100
103 64.7 51.6 77.4

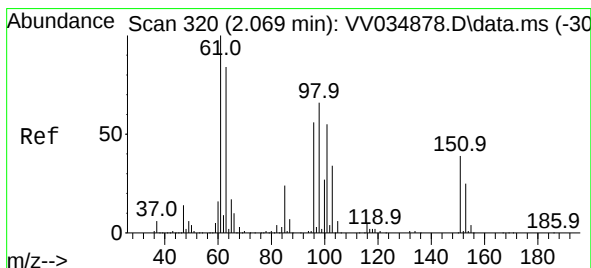
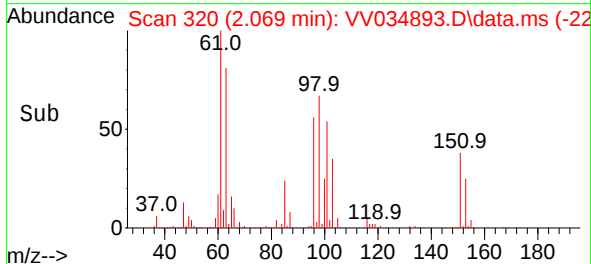
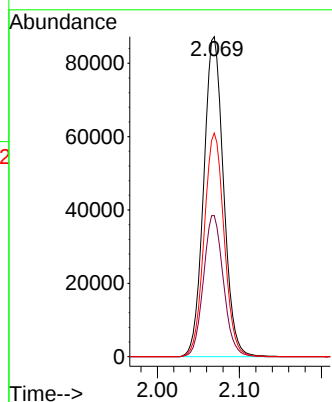
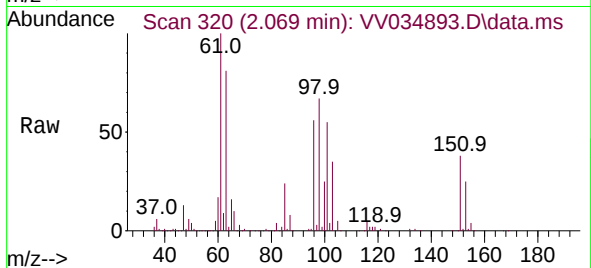




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.684 ug/L
 RT: 2.069 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VV034893.D
 Acq: 28 Mar 2024 17:58

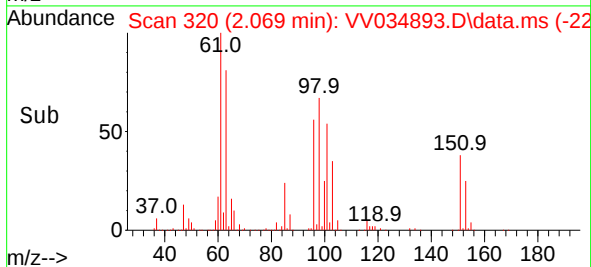
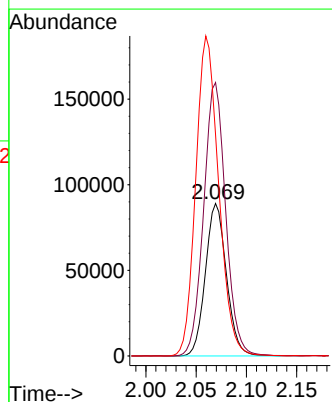
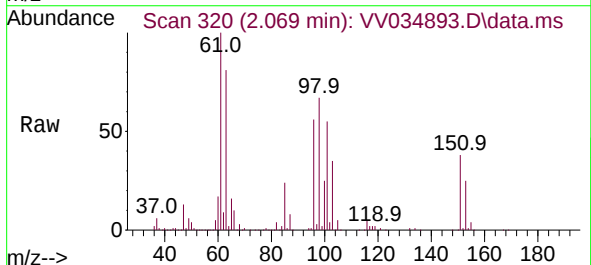
Instrument :
 MSVOA_V
 ClientSampleId :

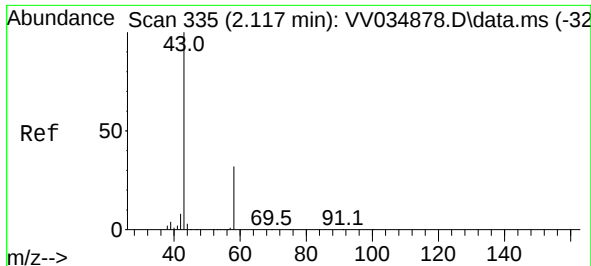
Tgt Ion:101 Resp: 146741
 Ion Ratio Lower Upper
 101 100
 85 44.3 35.3 52.9
 151 70.3 55.0 82.4



#12
 1,1-Dichloroethene
 Concen: 47.691 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV034893.D
 Acq: 28 Mar 2024 17:58

Tgt Ion: 96 Resp: 129502
 Ion Ratio Lower Upper
 96 100
 61 179.4 131.5 244.3
 63 145.2 111.4 206.8





#13

Acetone

Concen: 76.796 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.000 min

Lab File: VV034893.D

Acq: 28 Mar 2024 17:58

Instrument :

MSVOA_V

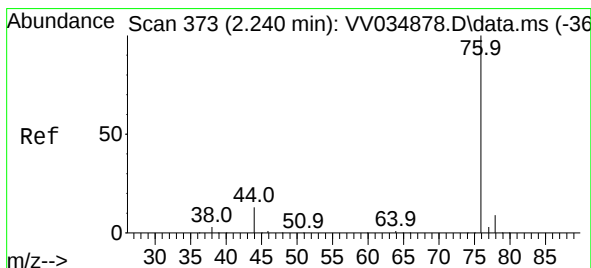
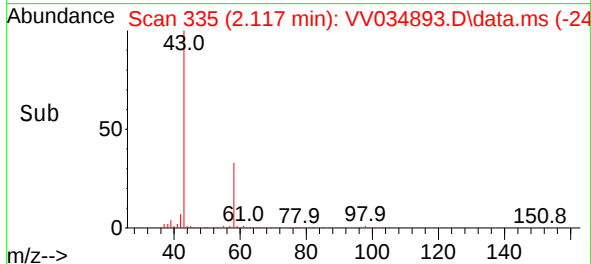
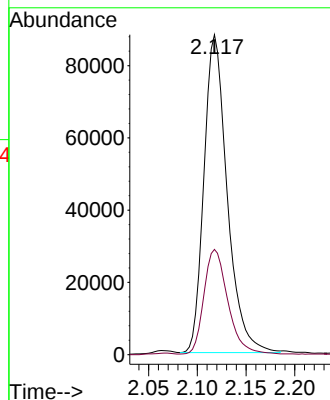
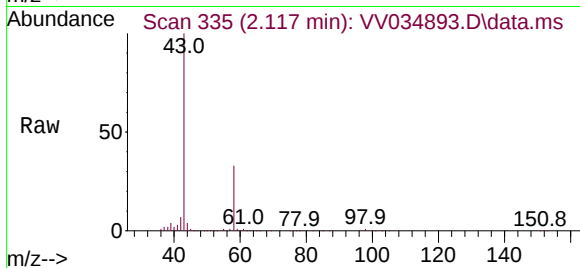
ClientSampleId :

Tgt Ion: 43 Resp: 146111

Ion Ratio Lower Upper

43 100

58 33.9 0.0 66.0



#14

Carbon disulfide

Concen: 39.497 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV034893.D

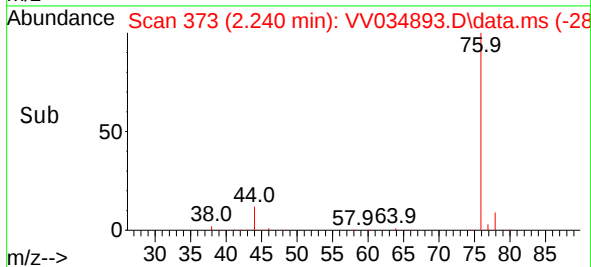
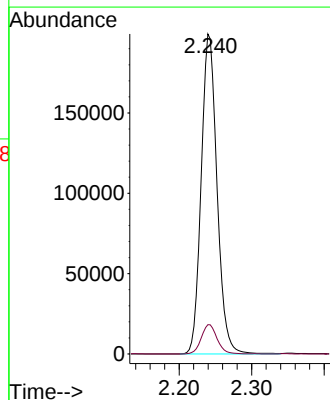
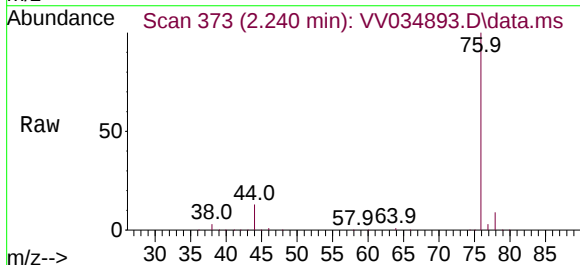
Acq: 28 Mar 2024 17:58

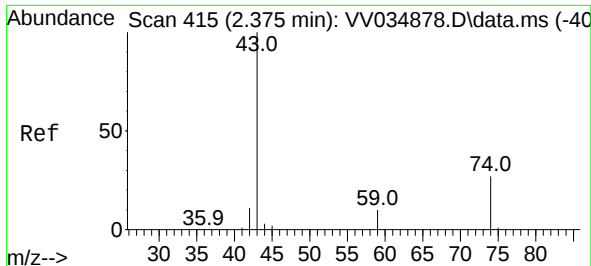
Tgt Ion: 76 Resp: 302033

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0





#15

Methyl Acetate

Concen: 45.330 ug/L

RT: 2.375 min Scan# 415

Delta R.T. -0.000 min

Lab File: VV034893.D

Acq: 28 Mar 2024 17:58

Instrument :

MSVOA_V

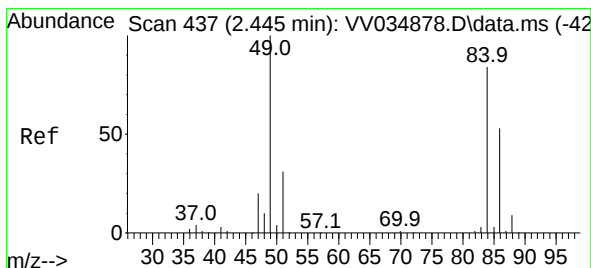
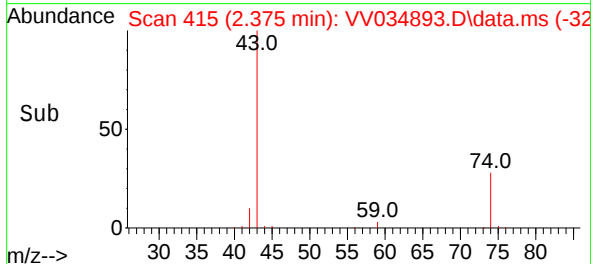
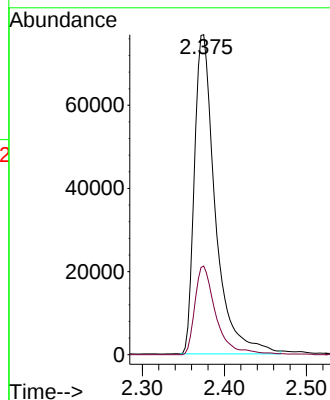
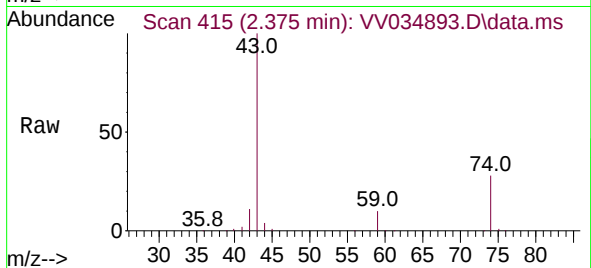
ClientSampleId :

Tgt Ion: 43 Resp: 135909

Ion Ratio Lower Upper

43 100

74 26.7 19.8 29.8



#16

Methylene chloride

Concen: 47.966 ug/L

RT: 2.445 min Scan# 437

Delta R.T. -0.000 min

Lab File: VV034893.D

Acq: 28 Mar 2024 17:58

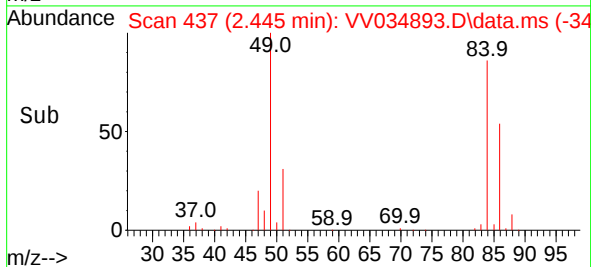
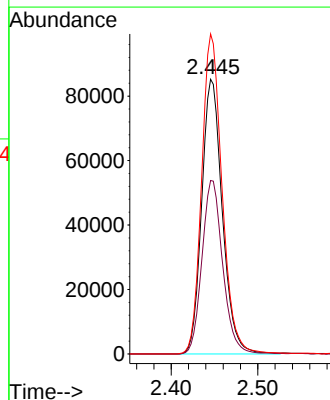
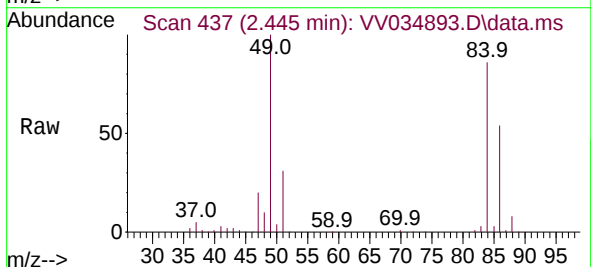
Tgt Ion: 84 Resp: 141131

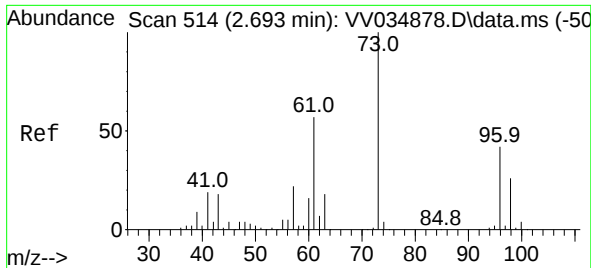
Ion Ratio Lower Upper

84 100

86 63.1 44.6 82.8

49 116.4 86.9 161.3

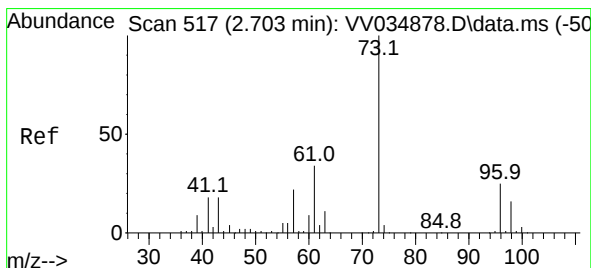
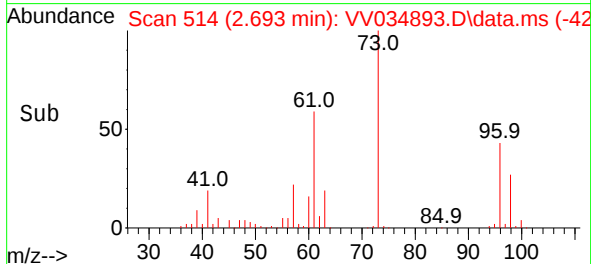
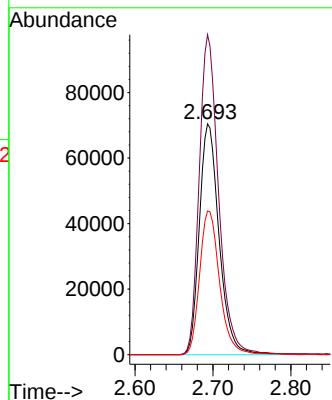
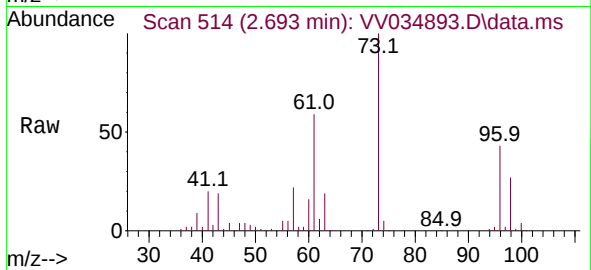




#17
trans-1,2-Dichloroethene
Concen: 47.244 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV034893.D
Acq: 28 Mar 2024 17:58

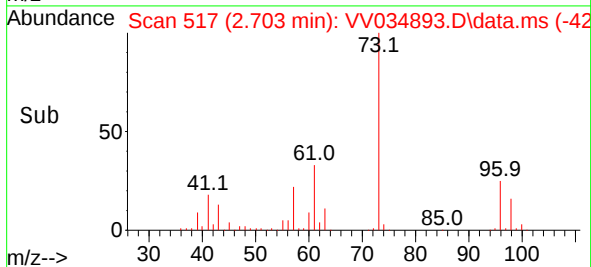
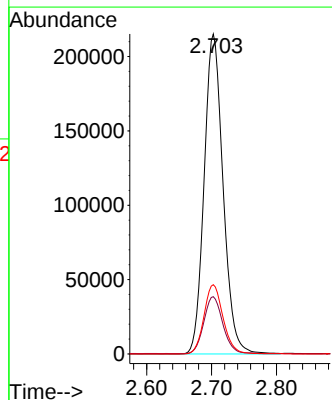
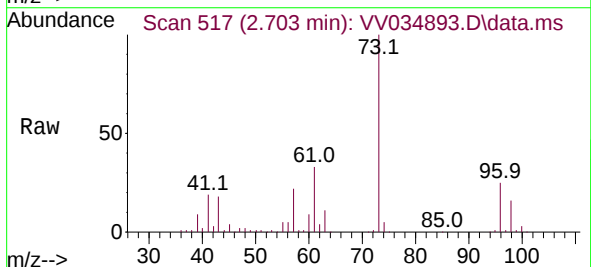
Instrument :
MSVOA_V
ClientSampleId :

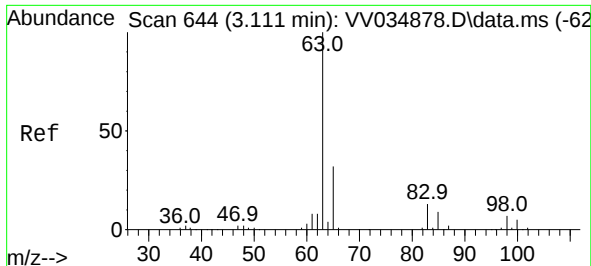
Tgt Ion: 96 Resp: 124031
Ion Ratio Lower Upper
96 100
61 138.6 99.0 183.8
98 62.2 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 47.378 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV034893.D
Acq: 28 Mar 2024 17:58

Tgt Ion: 73 Resp: 436884
Ion Ratio Lower Upper
73 100
43 17.9 14.6 21.8
57 21.8 17.6 26.4

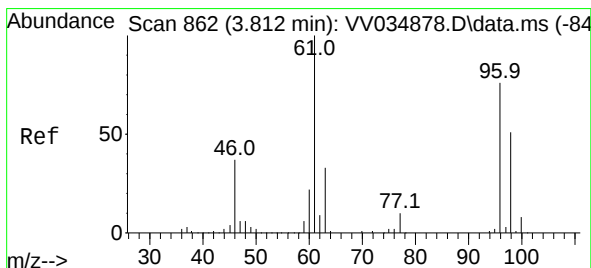
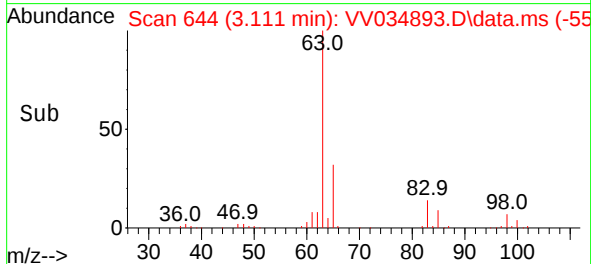
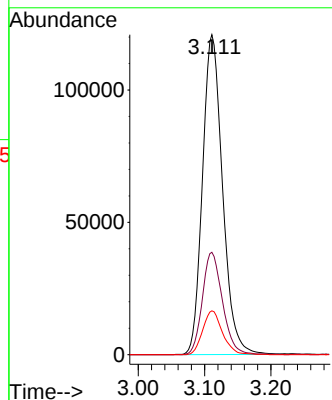
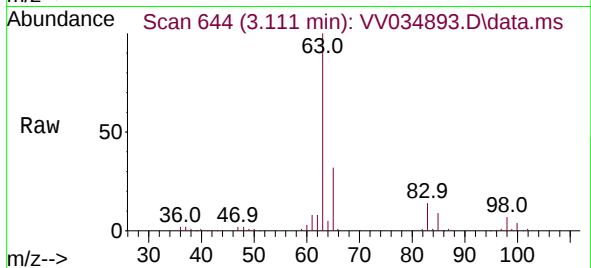




#19
1,1-Dichloroethane
Concen: 47.143 ug/L
RT: 3.111 min Scan# 644
Delta R.T. -0.000 min
Lab File: VV034893.D
Acq: 28 Mar 2024 17:58

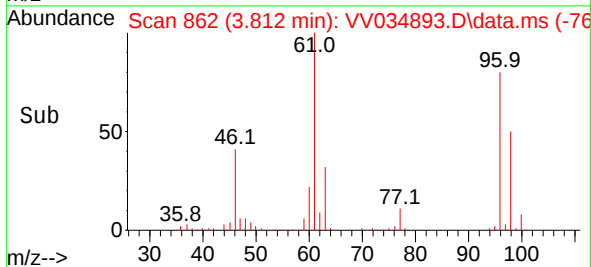
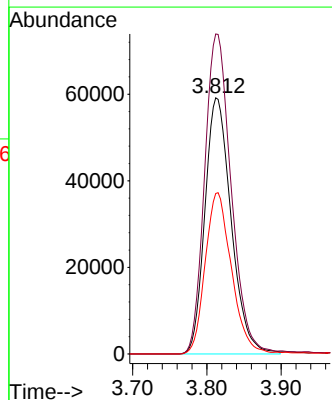
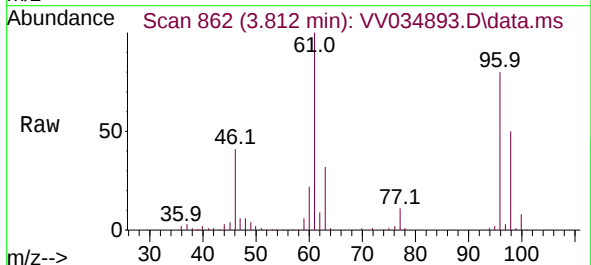
Instrument :
MSVOA_V
ClientSampleId :

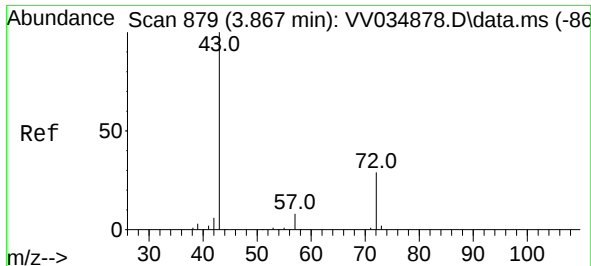
Tgt Ion: 63 Resp: 253807
Ion Ratio Lower Upper
63 100
65 32.0 23.0 42.6
83 13.7 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 48.822 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.000 min
Lab File: VV034893.D
Acq: 28 Mar 2024 17:58

Tgt Ion: 96 Resp: 145548
Ion Ratio Lower Upper
96 100
61 124.9 94.9 176.3
98 62.7 45.6 84.8

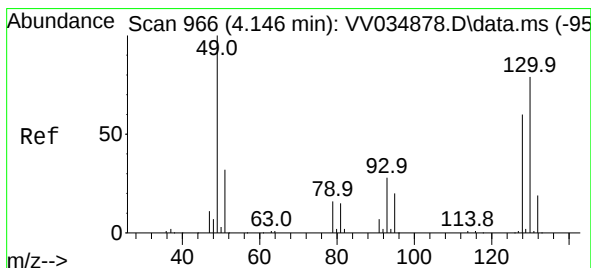
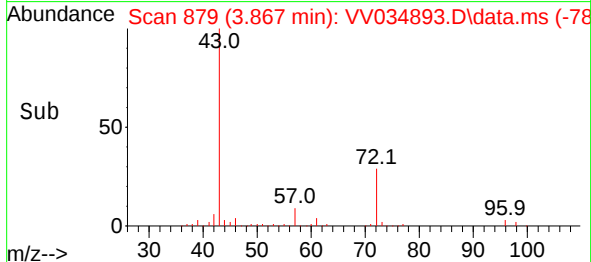
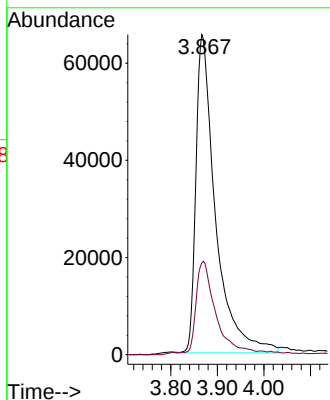
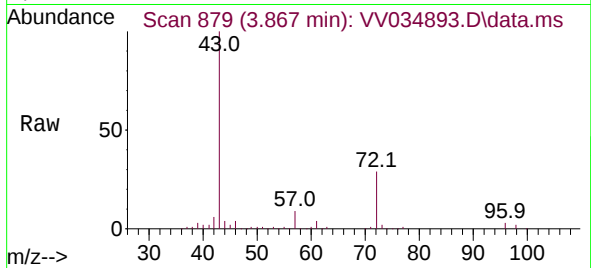




#22
2-Butanone
Concen: 87.026 ug/L
RT: 3.867 min Scan# 879
Delta R.T. -0.000 min
Lab File: VV034893.D
Acq: 28 Mar 2024 17:58

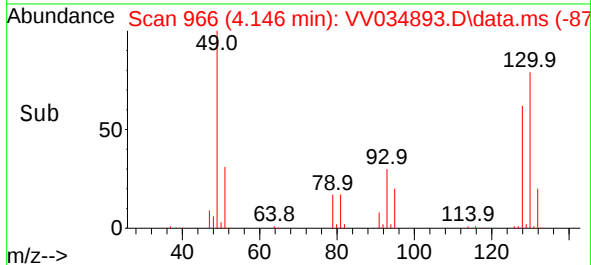
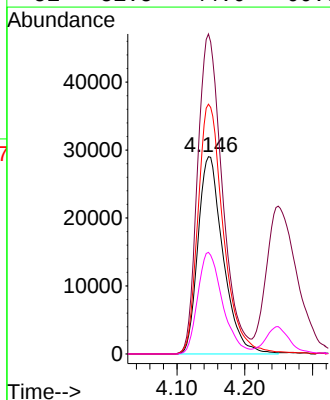
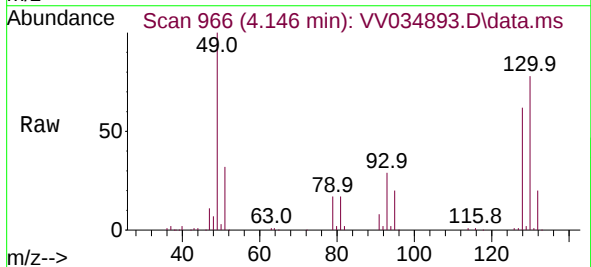
Instrument :
MSVOA_V
ClientSampleId :

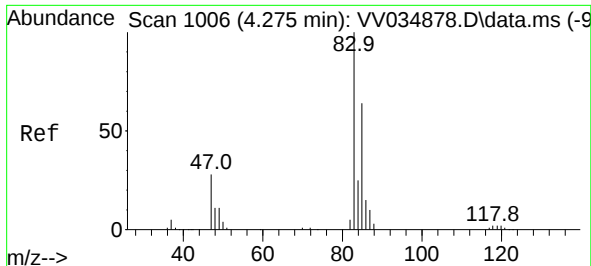
Tgt Ion: 43 Resp: 192131
Ion Ratio Lower Upper
43 100
72 27.9 13.2 39.6



#23
Bromochloromethane
Concen: 50.051 ug/L
RT: 4.146 min Scan# 966
Delta R.T. -0.000 min
Lab File: VV034893.D
Acq: 28 Mar 2024 17:58

Tgt Ion:128 Resp: 74653
Ion Ratio Lower Upper
128 100
49 162.2 123.8 229.8
130 126.6 93.2 173.0
51 51.5 44.0 66.0





#25

Chloroform

Concen: 49.223 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VV034893.D

Acq: 28 Mar 2024 17:58

Instrument :

MSVOA_V

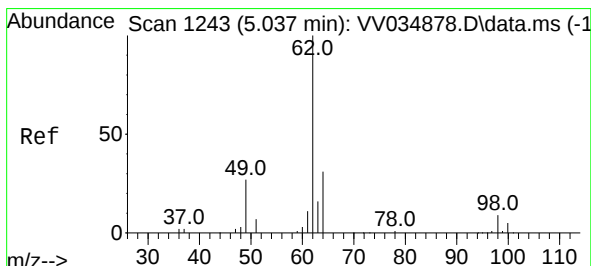
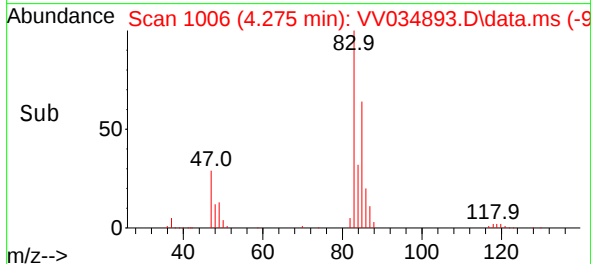
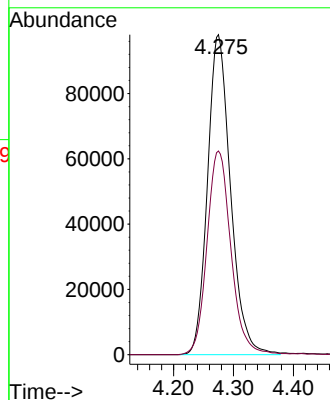
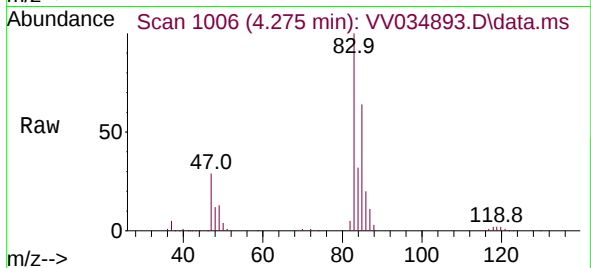
ClientSampleId :

Tgt Ion: 83 Resp: 262003

Ion Ratio Lower Upper

83 100

85 63.7 46.0 85.4



#27

1,2-Dichloroethane

Concen: 48.336 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV034893.D

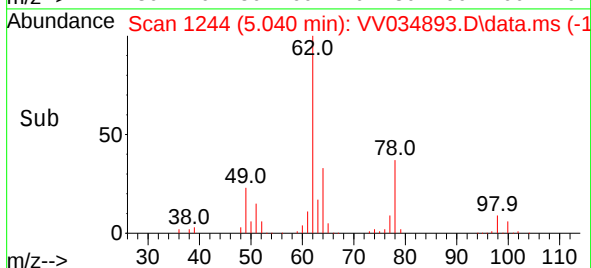
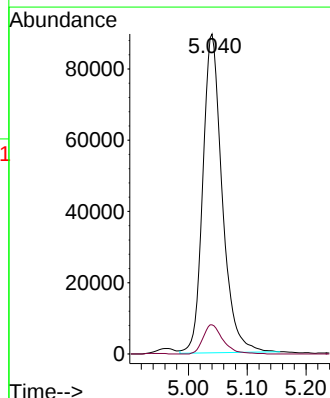
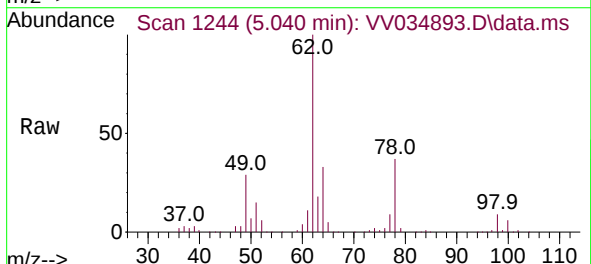
Acq: 28 Mar 2024 17:58

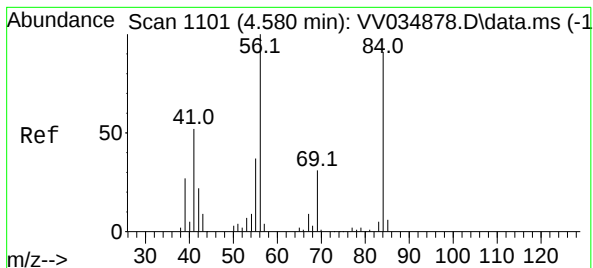
Tgt Ion: 62 Resp: 204843

Ion Ratio Lower Upper

62 100

98 9.1 7.2 10.8





#29

Cyclohexane

Concen: 43.674 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VV034893.D

Acq: 28 Mar 2024 17:58

Instrument :

MSVOA_V

ClientSampleId :

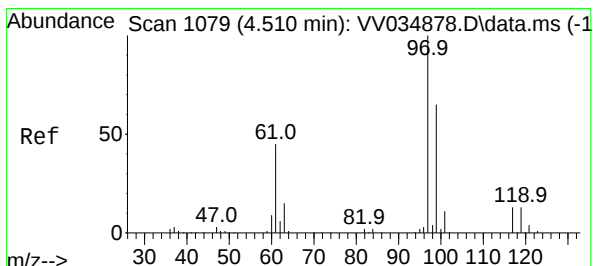
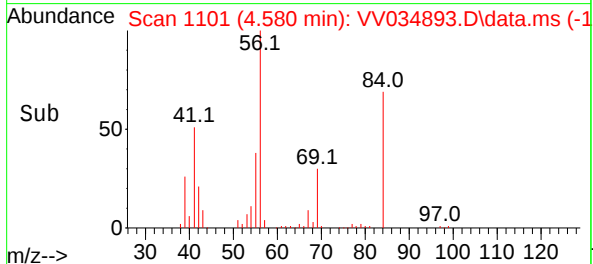
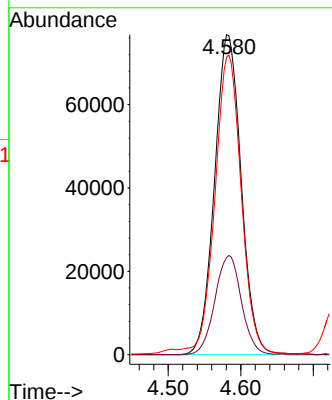
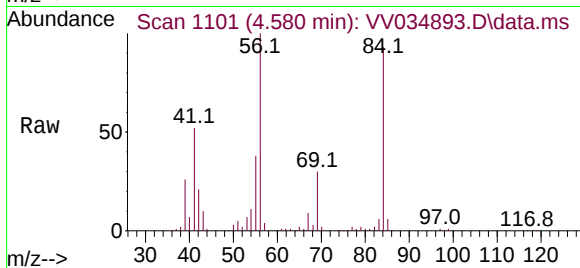
Tgt Ion: 56 Resp: 195490

Ion Ratio Lower Upper

56 100

69 30.9 24.2 36.2

84 91.7 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 47.848 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VV034893.D

Acq: 28 Mar 2024 17:58

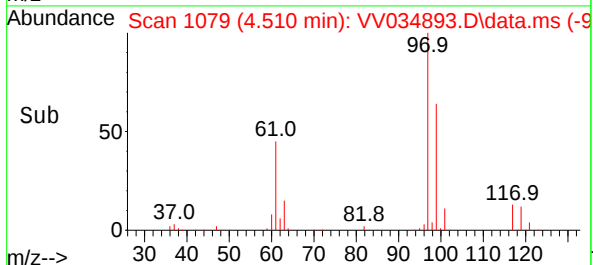
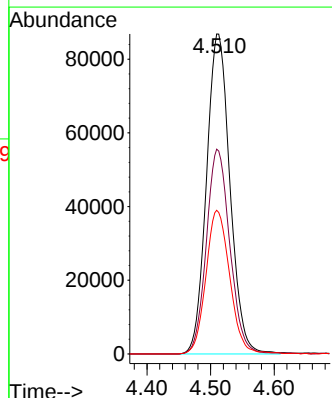
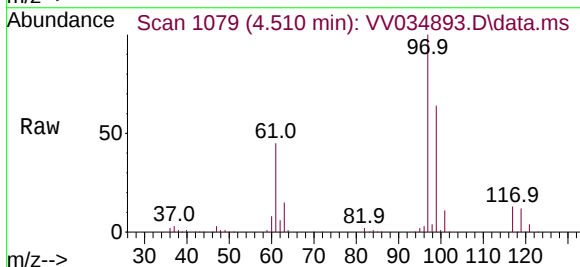
Tgt Ion: 97 Resp: 222897

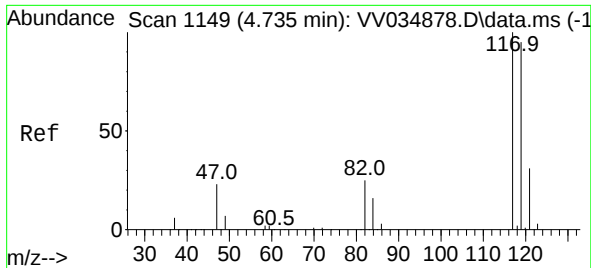
Ion Ratio Lower Upper

97 100

99 63.9 51.0 76.4

61 45.3 36.8 55.2

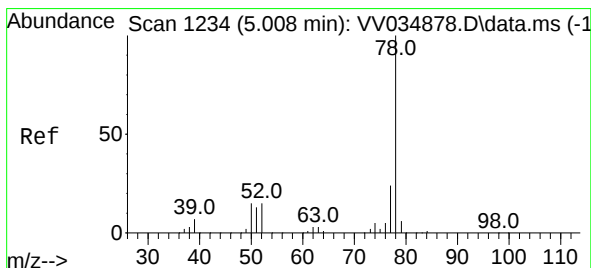
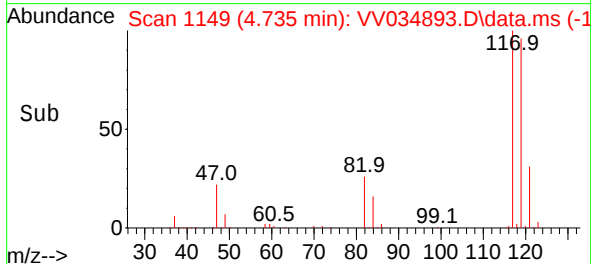
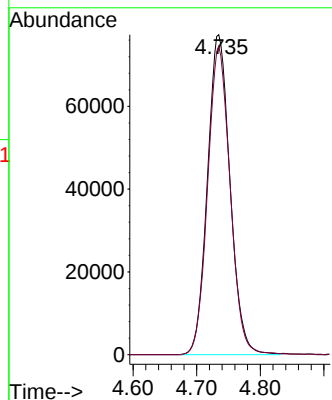
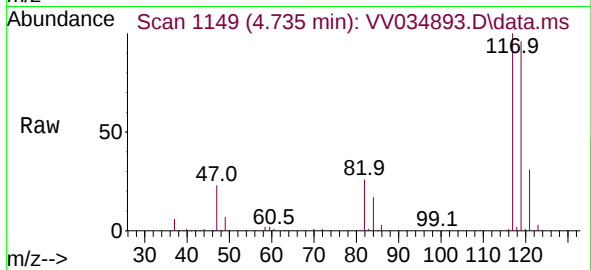




#31
Carbon tetrachloride
Concen: 48.353 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV034893.D
Acq: 28 Mar 2024 17:58

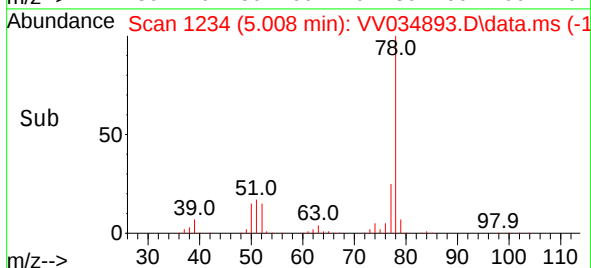
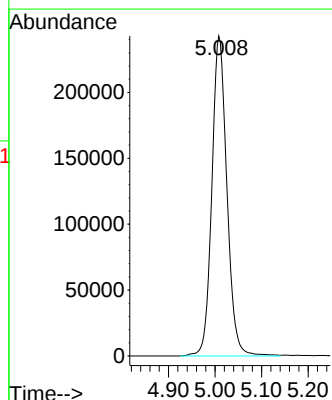
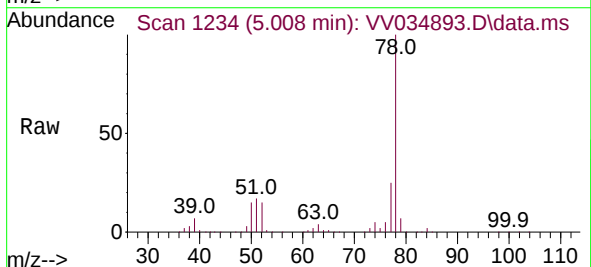
Instrument :
MSVOA_V
ClientSampleId :

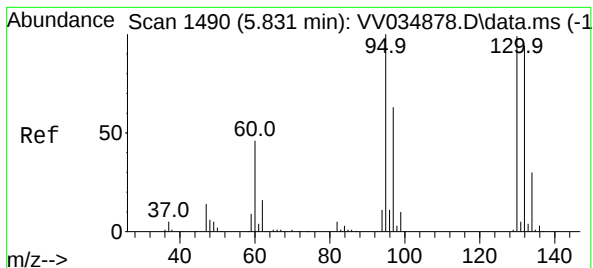
Tgt Ion:117 Resp: 190917
Ion Ratio Lower Upper
117 100
119 95.8 77.1 115.7



#33
Benzene
Concen: 46.814 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VV034893.D
Acq: 28 Mar 2024 17:58

Tgt Ion: 78 Resp: 545555





#34

Trichloroethene

Concen: 46.421 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. -0.000 min

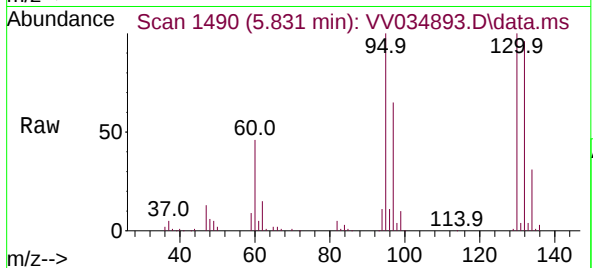
Lab File: VV034893.D

Acq: 28 Mar 2024 17:58

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 145995

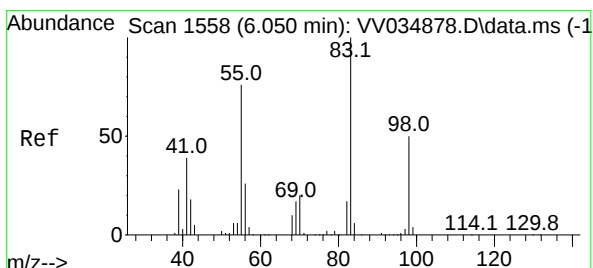
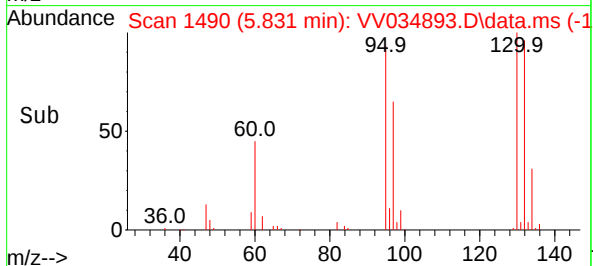
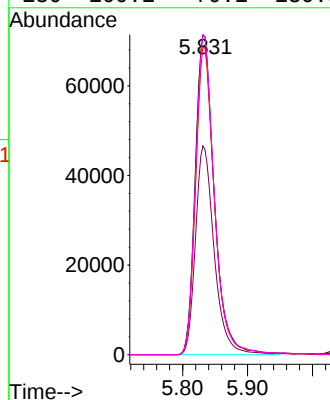
Ion Ratio Lower Upper

95 100

97 65.3 45.3 84.1

132 96.2 65.3 121.3

130 100.1 70.1 130.3



#35

Methylcyclohexane

Concen: 46.105 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV034893.D

Acq: 28 Mar 2024 17:58

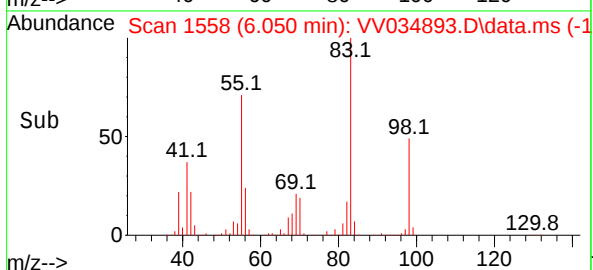
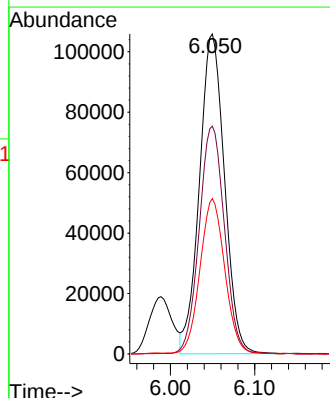
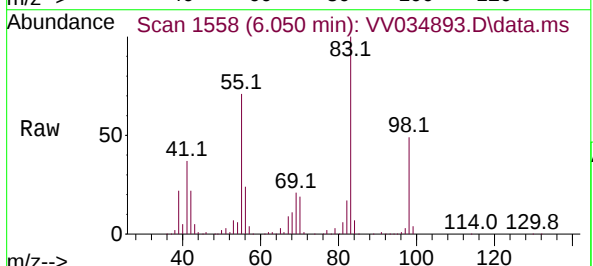
Tgt Ion: 83 Resp: 218986

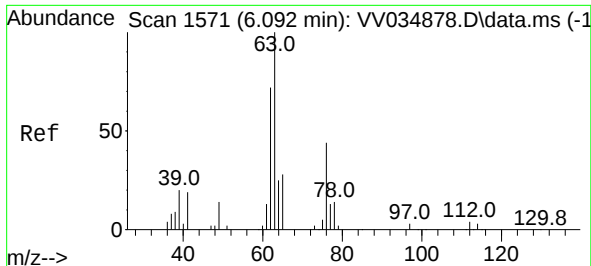
Ion Ratio Lower Upper

83 100

55 71.7 60.0 90.0

98 48.2 37.6 56.4

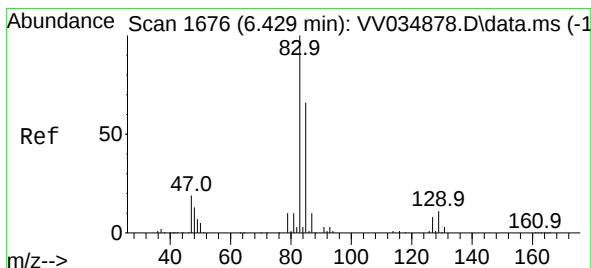
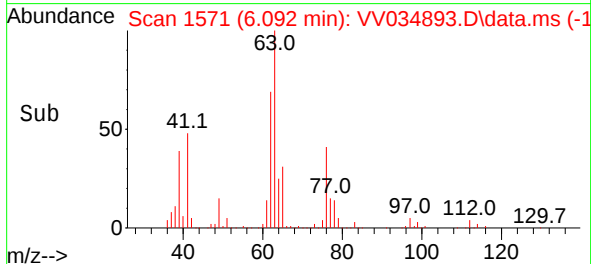
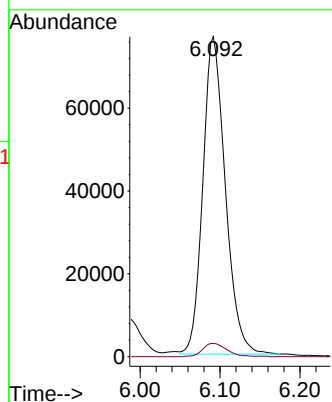
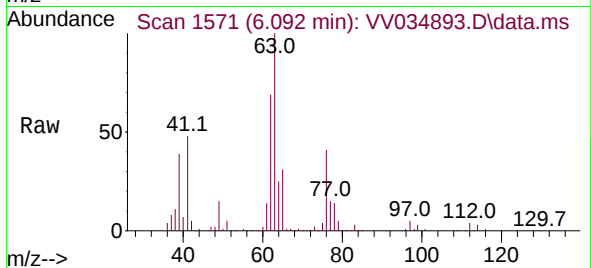




#37
1,2-Dichloropropane
Concen: 46.627 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VV034893.D
Acq: 28 Mar 2024 17:58

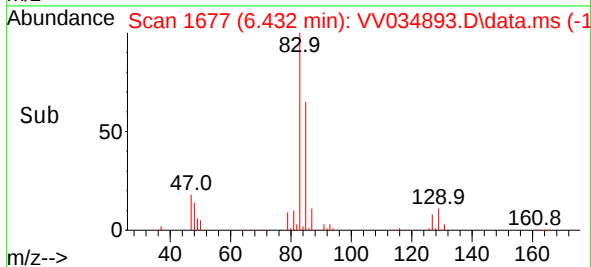
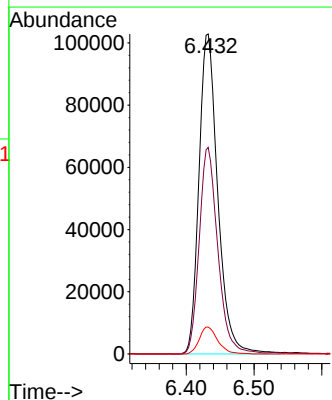
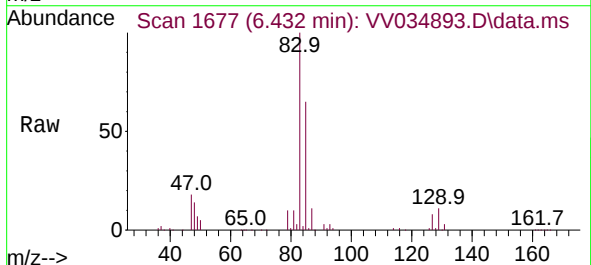
Instrument :
MSVOA_V
ClientSampleId :

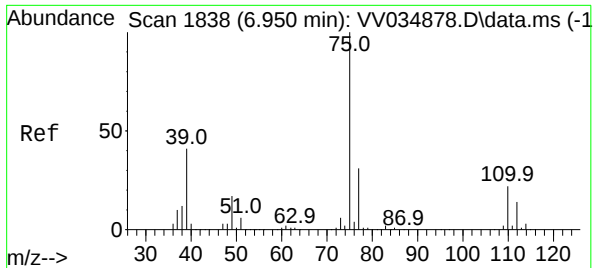
Tgt Ion: 63 Resp: 150162
Ion Ratio Lower Upper
63 100
112 4.5 3.3 4.9



#38
Bromodichloromethane
Concen: 47.822 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.003 min
Lab File: VV034893.D
Acq: 28 Mar 2024 17:58

Tgt Ion: 83 Resp: 198712
Ion Ratio Lower Upper
83 100
85 64.5 43.7 81.1
127 8.4 6.4 9.6

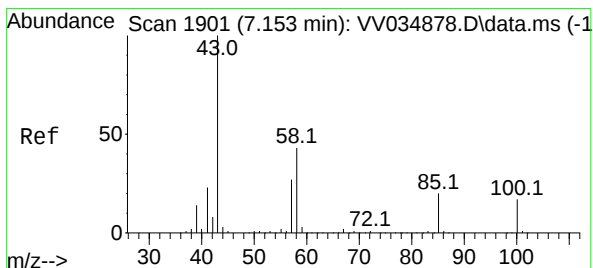
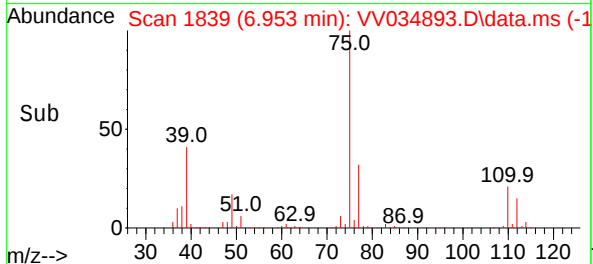
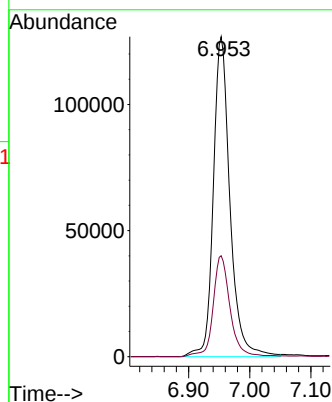
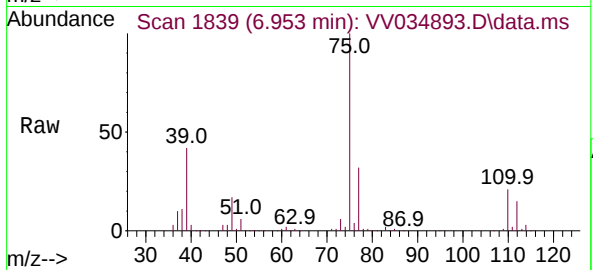




#39
cis-1,3-Dichloropropene
Concen: 47.293 ug/L
RT: 6.953 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV034893.D
Acq: 28 Mar 2024 17:58

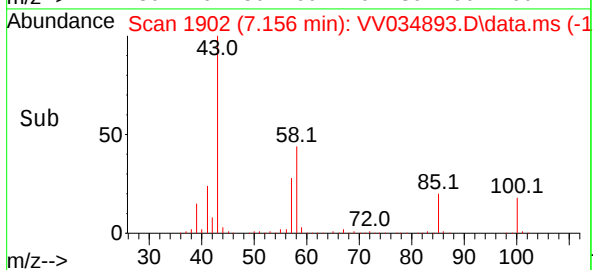
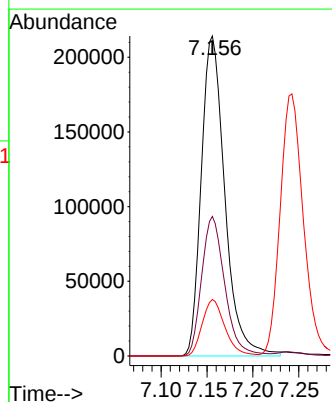
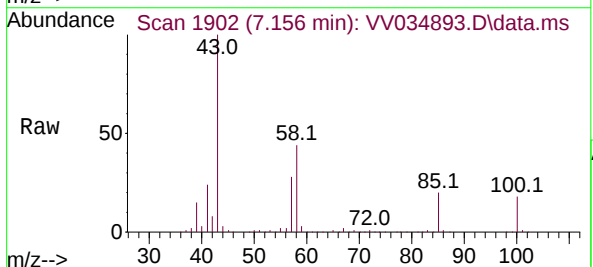
Instrument :
MSVOA_V
ClientSampleId :

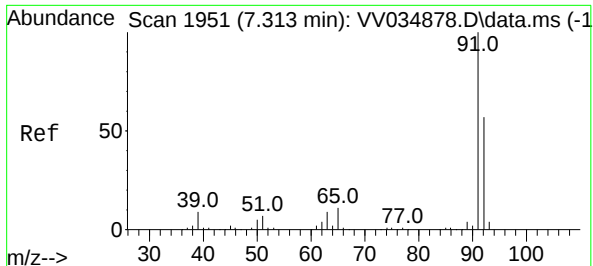
Tgt Ion: 75 Resp: 239932
Ion Ratio Lower Upper
75 100
77 31.5 21.9 40.7



#40
4-Methyl-2-pentanone
Concen: 93.107 ug/L
RT: 7.156 min Scan# 1902
Delta R.T. 0.003 min
Lab File: VV034893.D
Acq: 28 Mar 2024 17:58

Tgt Ion: 43 Resp: 382841
Ion Ratio Lower Upper
43 100
58 42.8 33.8 50.8
100 17.0 13.0 19.4





#42

Toluene

Concen: 48.024 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV034893.D

Acq: 28 Mar 2024 17:58

Instrument :

MSVOA_V

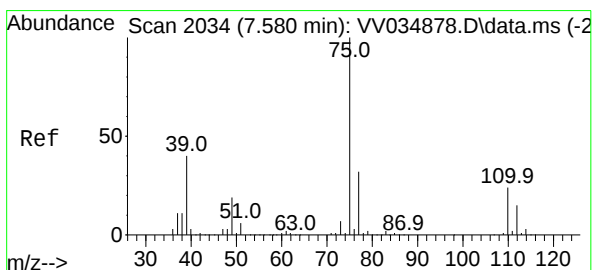
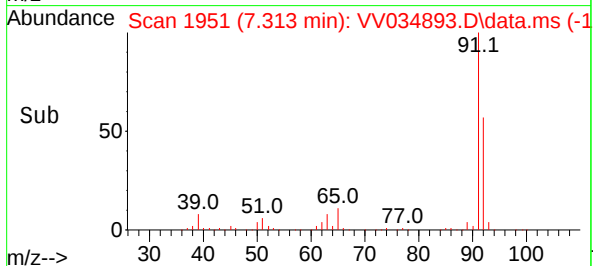
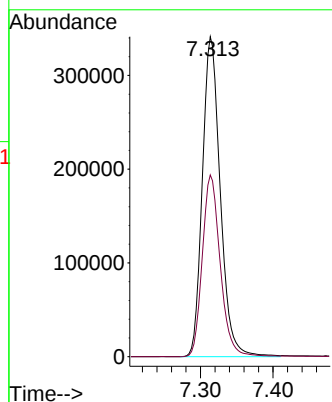
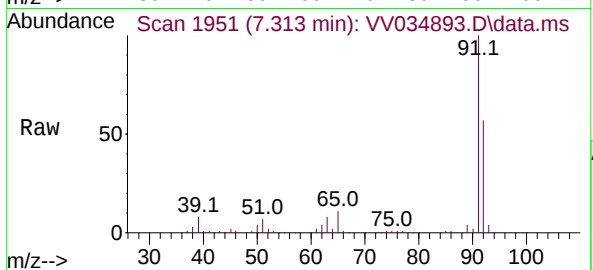
ClientSampleId :

Tgt Ion: 91 Resp: 585926

Ion Ratio Lower Upper

91 100

92 56.8 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 48.193 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.000 min

Lab File: VV034893.D

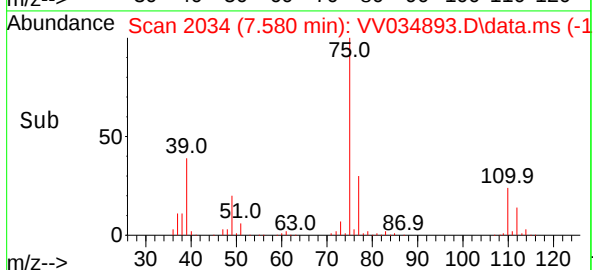
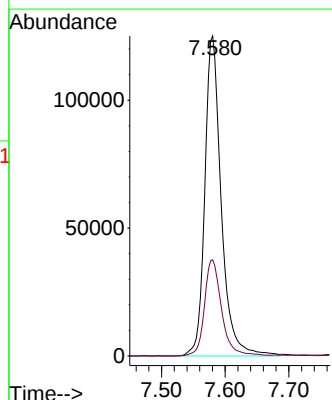
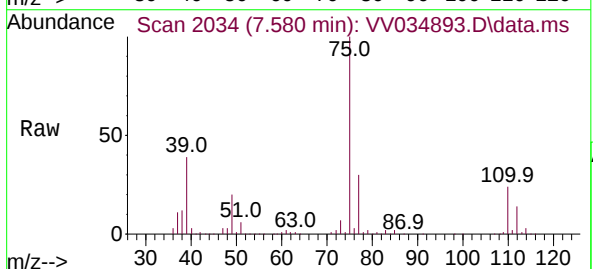
Acq: 28 Mar 2024 17:58

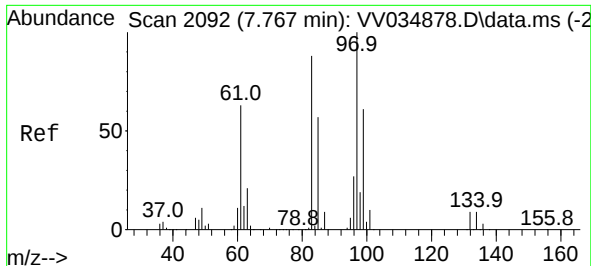
Tgt Ion: 75 Resp: 224625

Ion Ratio Lower Upper

75 100

77 30.0 21.7 40.3



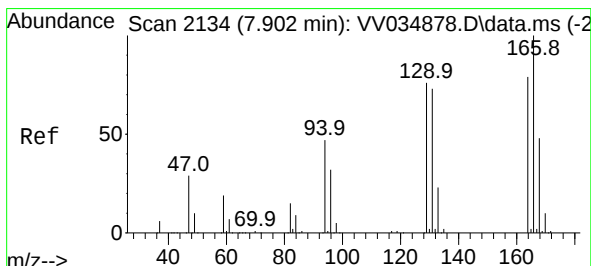
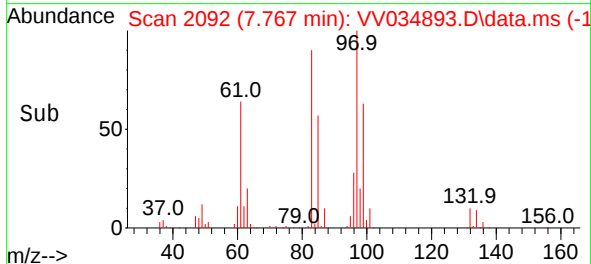
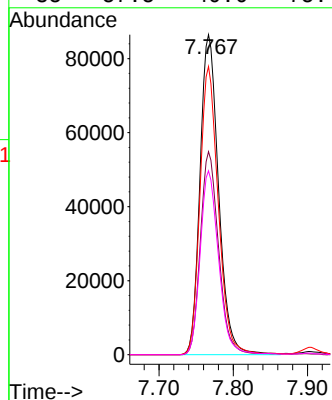
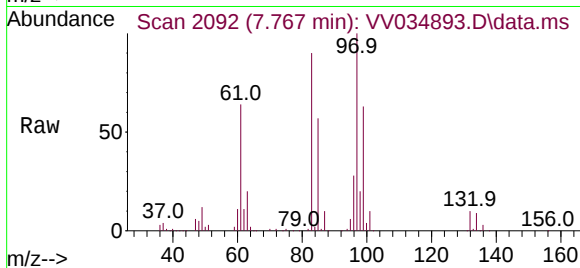


#45
1,1,2-Trichloroethane
Concen: 49.489 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV034893.D
Acq: 28 Mar 2024 17:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 150224

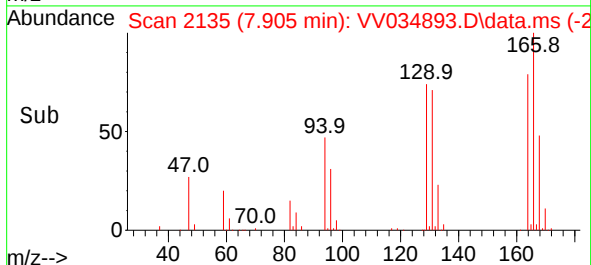
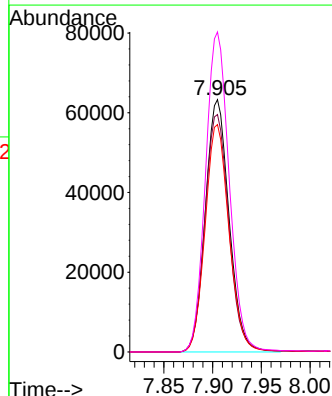
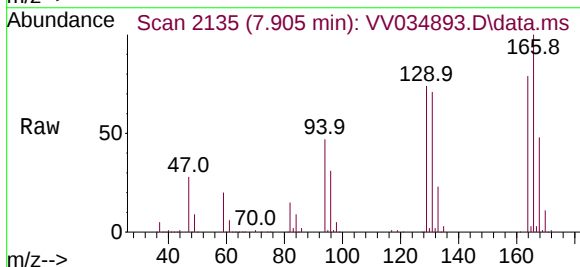
Ion	Ratio	Lower	Upper
97	100		
99	63.5	43.3	80.3
83	90.0	61.6	114.4
85	57.5	40.6	75.4

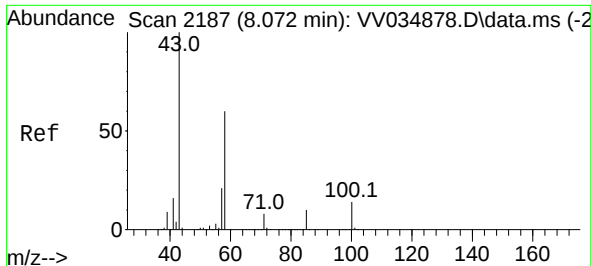


#46
Tetrachloroethene
Concen: 48.896 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV034893.D
Acq: 28 Mar 2024 17:58

Tgt Ion: 164 Resp: 107437

Ion	Ratio	Lower	Upper
164	100		
129	94.1	68.6	127.4
131	90.1	65.7	122.1
166	126.8	89.0	165.2

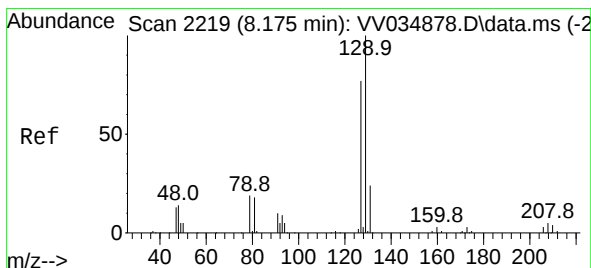
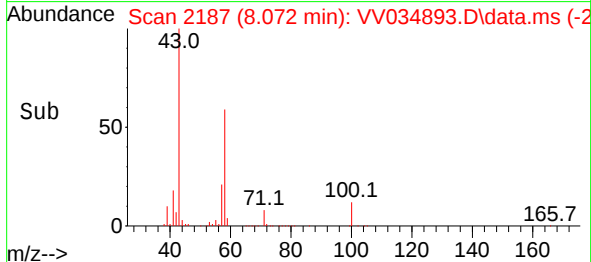
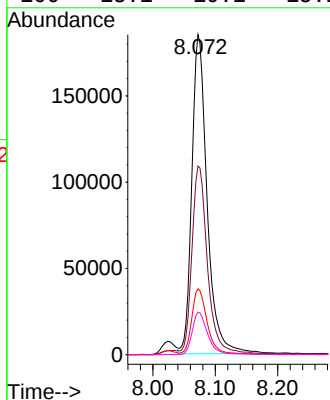
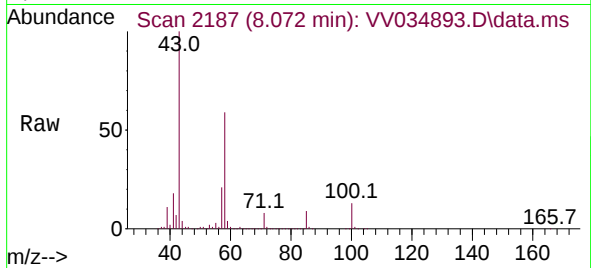




#48
2-Hexanone
Concen: 90.089 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV034893.D
Acq: 28 Mar 2024 17:58

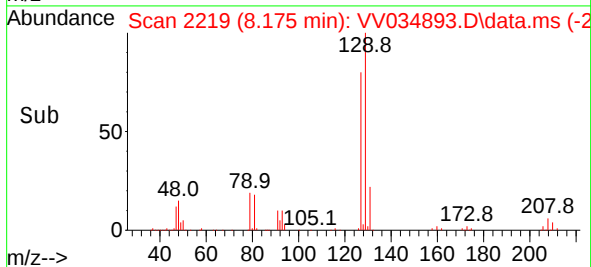
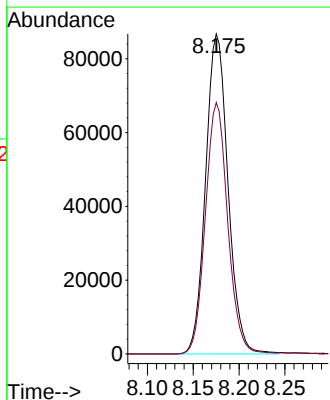
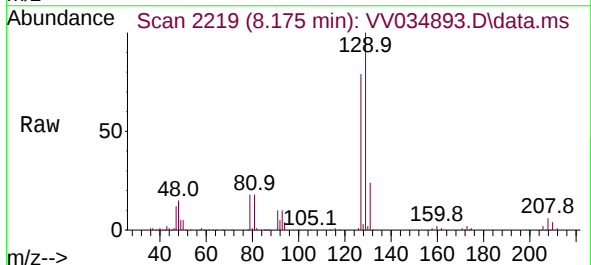
Instrument :
MSVOA_V
ClientSampleId :

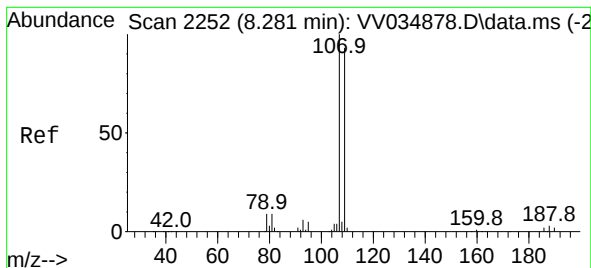
Tgt Ion: 43 Resp: 315055
Ion Ratio Lower Upper
43 100
58 57.2 45.4 68.2
57 20.1 16.2 24.4
100 13.1 10.1 15.1



#49
Dibromochloromethane
Concen: 49.111 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV034893.D
Acq: 28 Mar 2024 17:58

Tgt Ion:129 Resp: 147648
Ion Ratio Lower Upper
129 100
127 78.6 54.1 100.5





#50

1,2-Dibromoethane

Concen: 48.611 ug/L

RT: 8.281 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV034893.D

Acq: 28 Mar 2024 17:58

Instrument :

MSVOA_V

ClientSampleId :

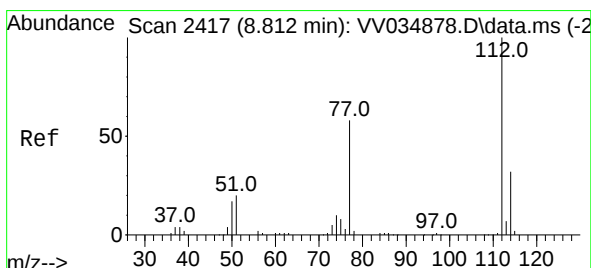
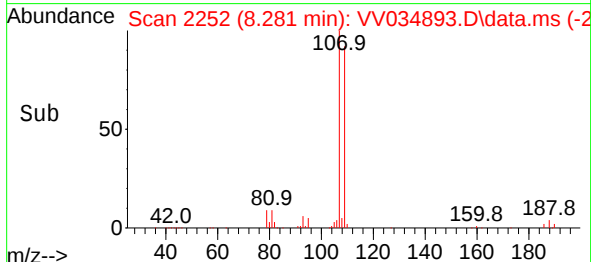
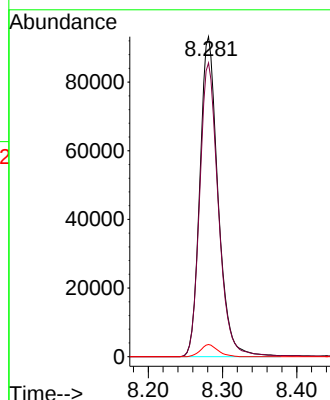
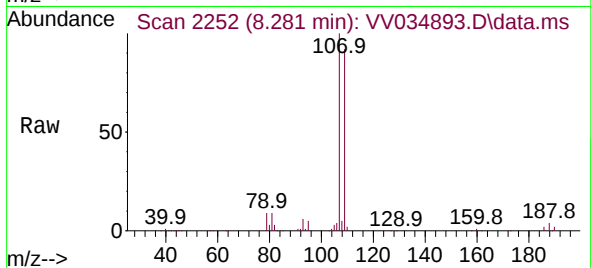
Tgt Ion:107 Resp: 158861

Ion Ratio Lower Upper

107 100

109 91.8 64.5 119.9

188 3.8 2.8 4.2



#51

Chlorobenzene

Concen: 48.110 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. -0.000 min

Lab File: VV034893.D

Acq: 28 Mar 2024 17:58

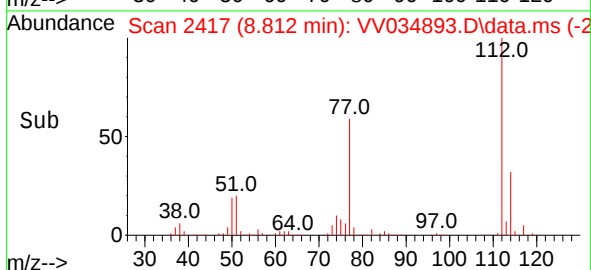
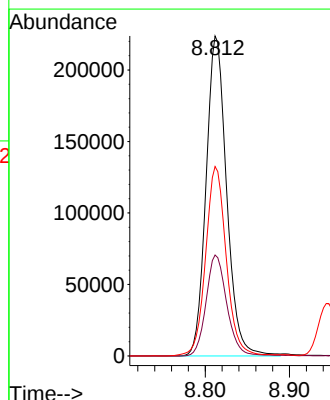
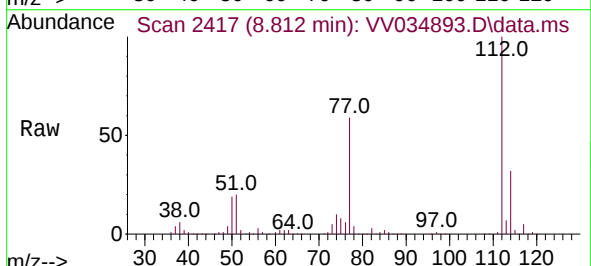
Tgt Ion:112 Resp: 380429

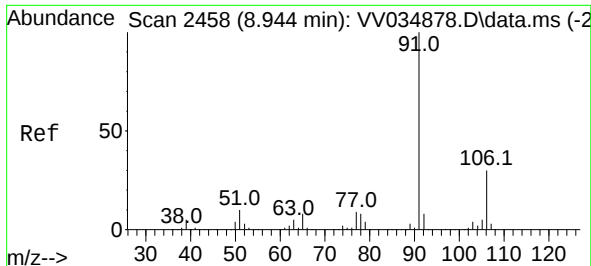
Ion Ratio Lower Upper

112 100

114 31.6 22.0 41.0

77 59.2 47.4 71.2





#52

Ethylbenzene

Concen: 48.341 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. -0.000 min

Lab File: VV034893.D

Acq: 28 Mar 2024 17:58

Instrument :

MSVOA_V

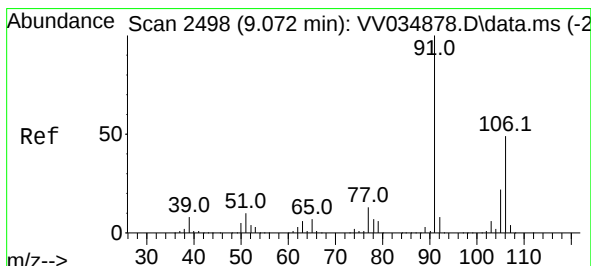
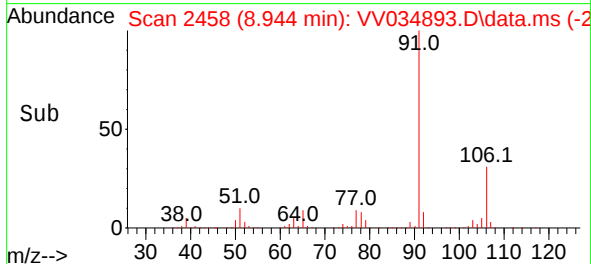
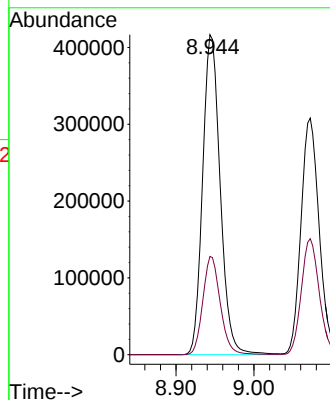
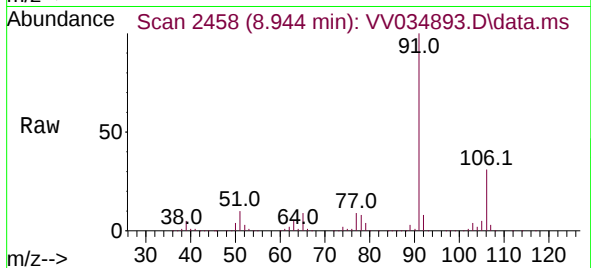
ClientSampleId :

Tgt Ion: 91 Resp: 653651

Ion Ratio Lower Upper

91 100

106 30.7 21.3 39.5



#53

m,p-Xylene

Concen: 48.616 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. -0.000 min

Lab File: VV034893.D

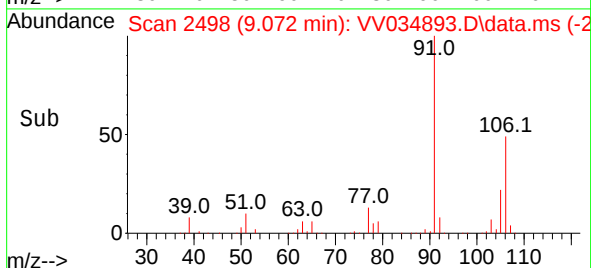
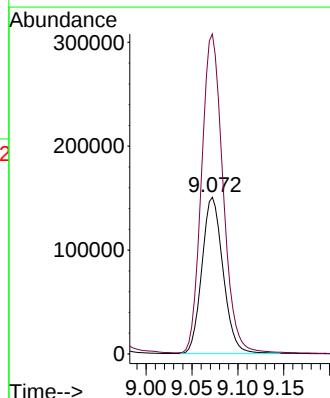
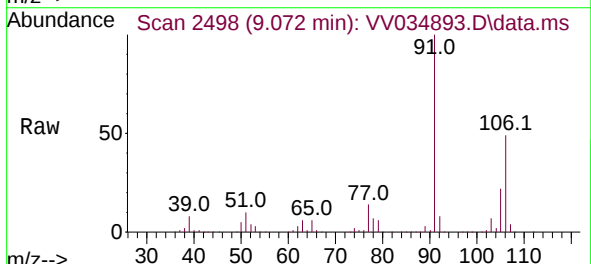
Acq: 28 Mar 2024 17:58

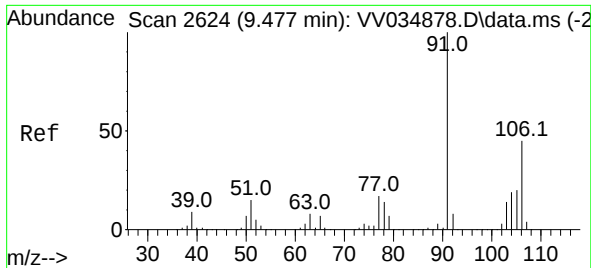
Tgt Ion:106 Resp: 242086

Ion Ratio Lower Upper

106 100

91 204.1 144.8 269.0

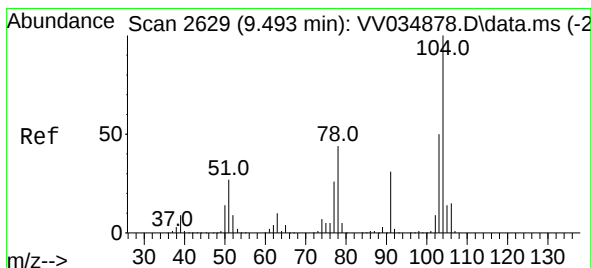
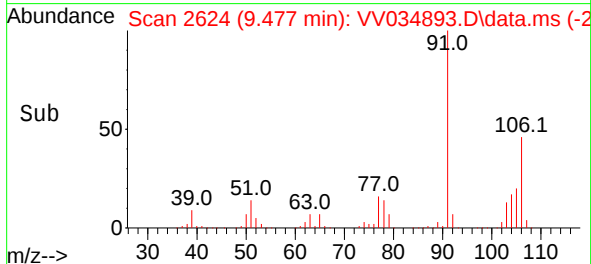
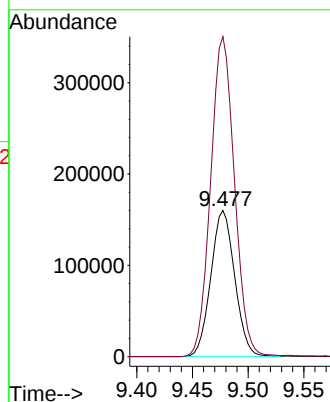
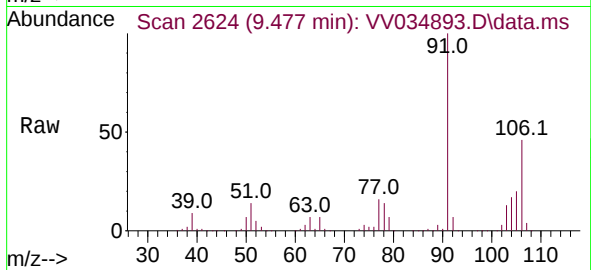




#54
o-Xylene
Concen: 48.599 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV034893.D
Acq: 28 Mar 2024 17:58

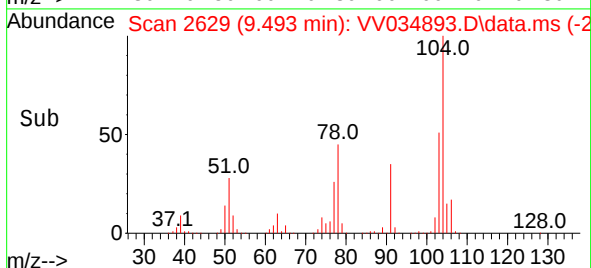
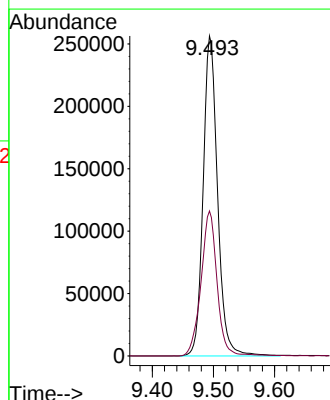
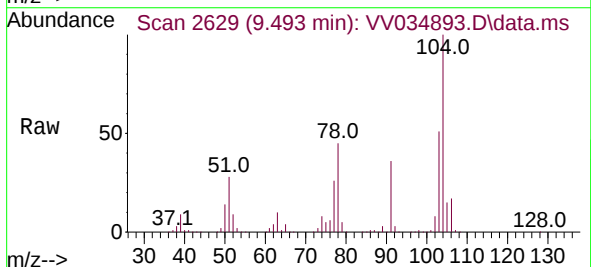
Instrument :
MSVOA_V
ClientSampleId :

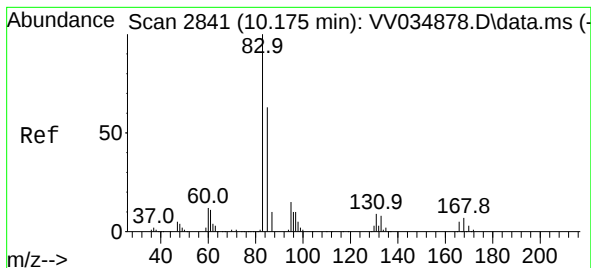
Tgt Ion:106 Resp: 239445
Ion Ratio Lower Upper
106 100
91 218.8 151.3 280.9



#55
Styrene
Concen: 50.454 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV034893.D
Acq: 28 Mar 2024 17:58

Tgt Ion:104 Resp: 420086
Ion Ratio Lower Upper
104 100
78 45.3 31.5 58.5





#57

1,1,2,2-Tetrachloroethane

Concen: 50.188 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. -0.000 min

Lab File: VV034893.D

Acq: 28 Mar 2024 17:58

Instrument :

MSVOA_V

ClientSampleId :

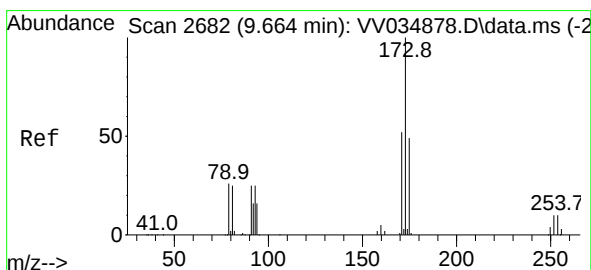
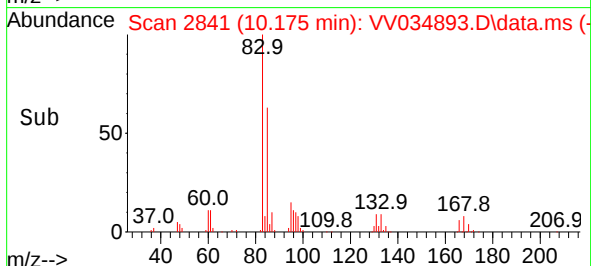
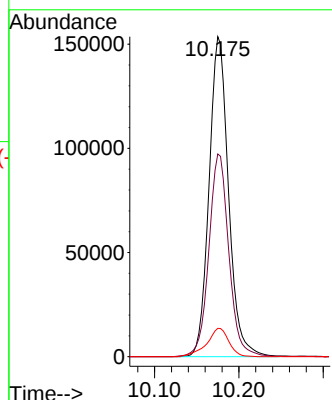
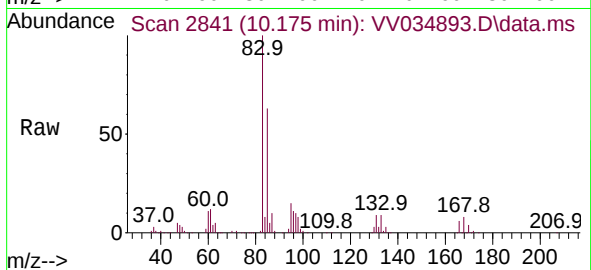
Tgt Ion: 83 Resp: 246835

Ion Ratio Lower Upper

83 100

85 63.4 44.5 82.7

131 8.8 6.9 10.3



#59

Bromoform

Concen: 48.862 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. -0.000 min

Lab File: VV034893.D

Acq: 28 Mar 2024 17:58

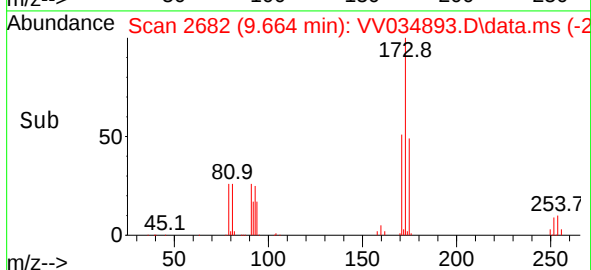
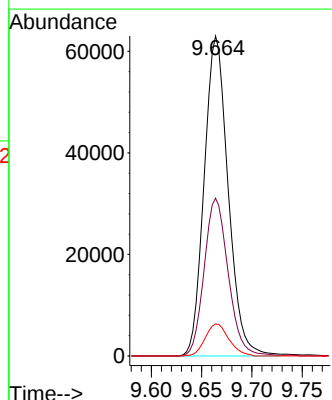
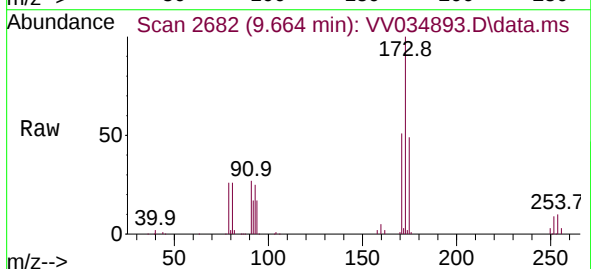
Tgt Ion: 173 Resp: 104431

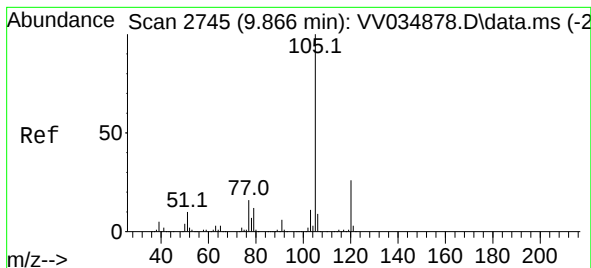
Ion Ratio Lower Upper

173 100

175 49.4 39.3 58.9

254 9.9 7.5 11.3





#60

Isopropylbenzene

Concen: 48.397 ug/L

RT: 9.866 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV034893.D

Acq: 28 Mar 2024 17:58

Instrument :

MSVOA_V

ClientSampleId :

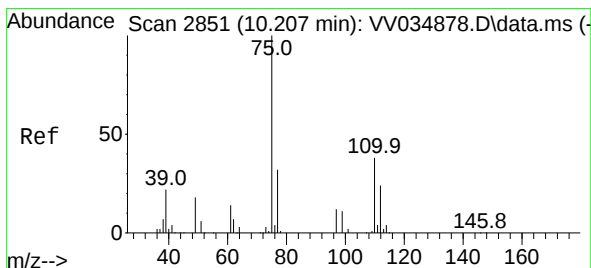
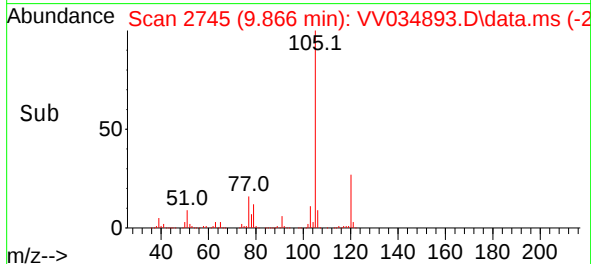
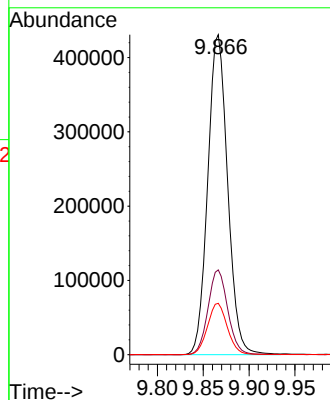
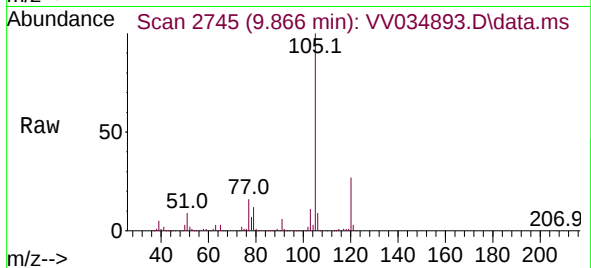
Tgt Ion:105 Resp: 650706

Ion Ratio Lower Upper

105 100

120 26.4 21.0 31.6

77 16.1 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 47.840 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. -0.000 min

Lab File: VV034893.D

Acq: 28 Mar 2024 17:58

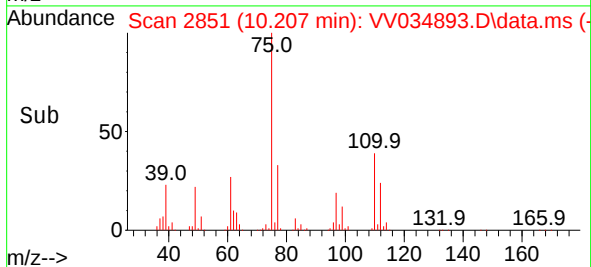
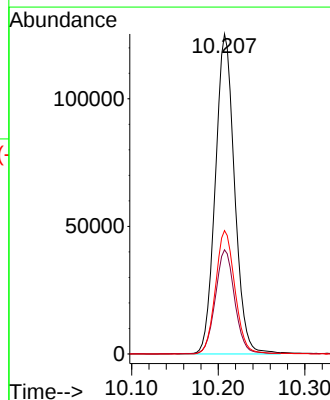
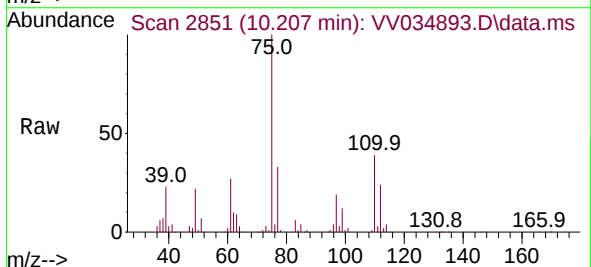
Tgt Ion: 75 Resp: 193337

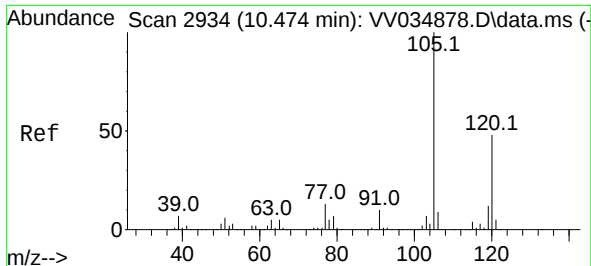
Ion Ratio Lower Upper

75 100

77 32.5 26.0 39.0

110 38.9 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 48.328 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV034893.D

Acq: 28 Mar 2024 17:58

Instrument :

MSVOA_V

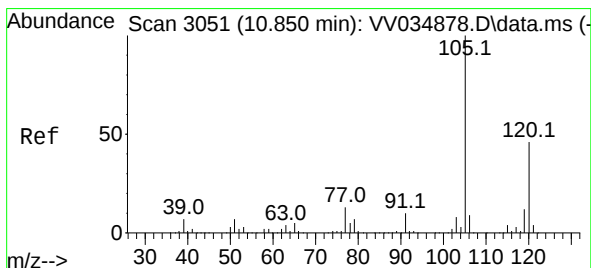
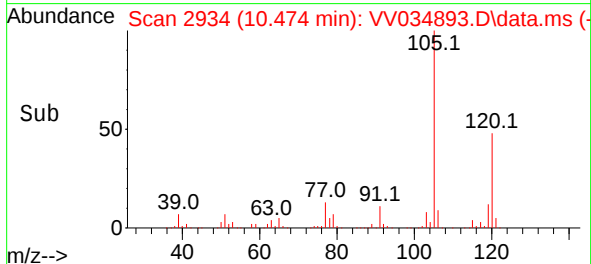
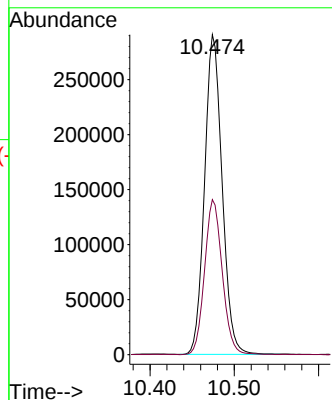
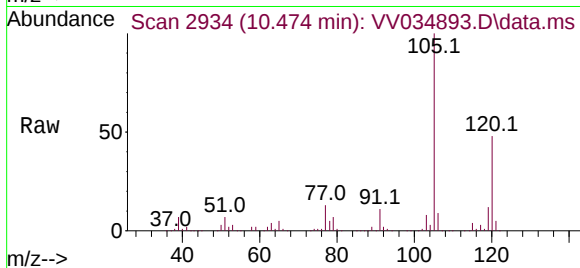
ClientSampleId :

Tgt Ion:105 Resp: 421992

Ion Ratio Lower Upper

105 100

120 49.0 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 48.767 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV034893.D

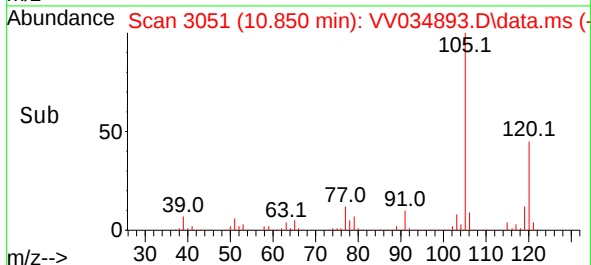
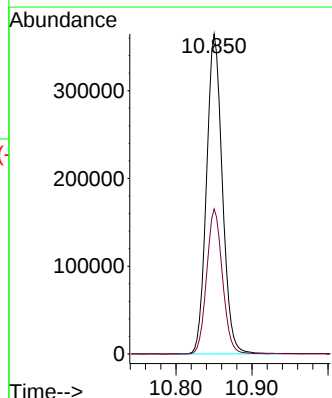
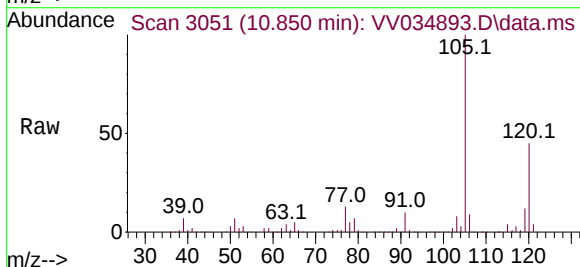
Acq: 28 Mar 2024 17:58

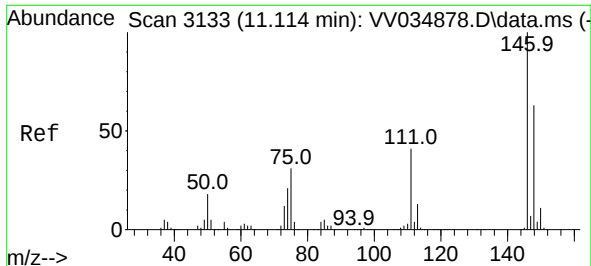
Tgt Ion:105 Resp: 526489

Ion Ratio Lower Upper

105 100

120 45.2 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 47.867 ug/L

RT: 11.117 min Scan# 3133

Delta R.T. 0.003 min

Lab File: VV034893.D

Acq: 28 Mar 2024 17:58

Instrument :

MSVOA_V

ClientSampleId :

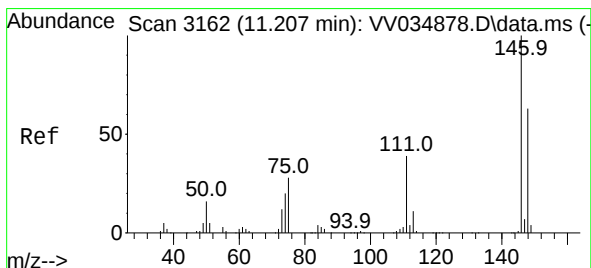
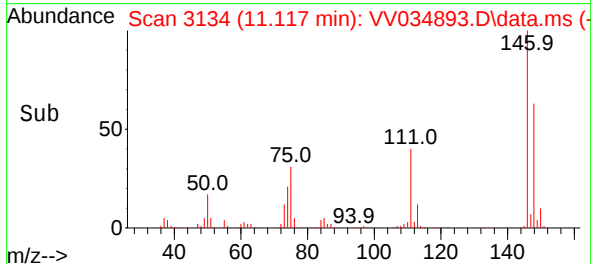
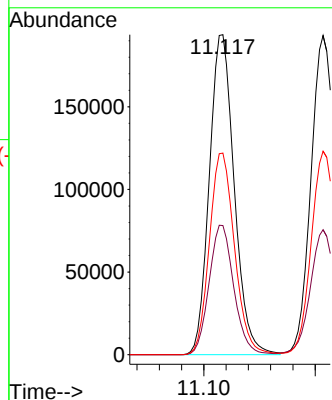
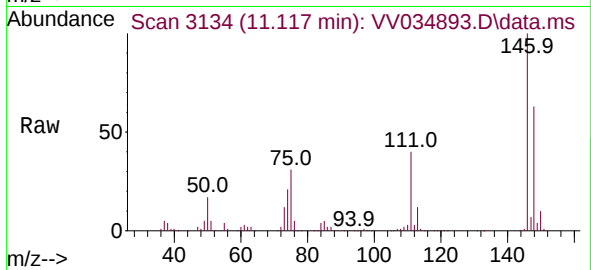
Tgt Ion:146 Resp: 300758

Ion Ratio Lower Upper

146 100

111 40.4 28.7 53.3

148 63.0 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 47.909 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV034893.D

Acq: 28 Mar 2024 17:58

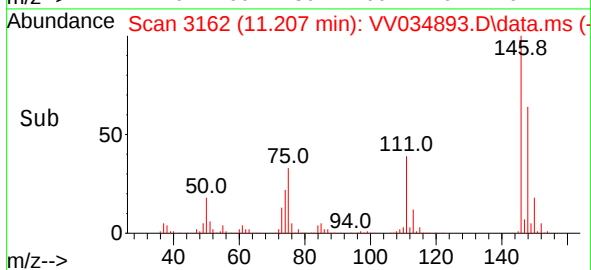
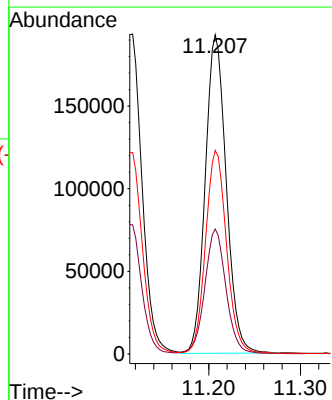
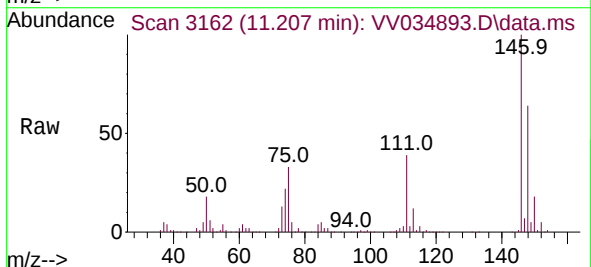
Tgt Ion:146 Resp: 306114

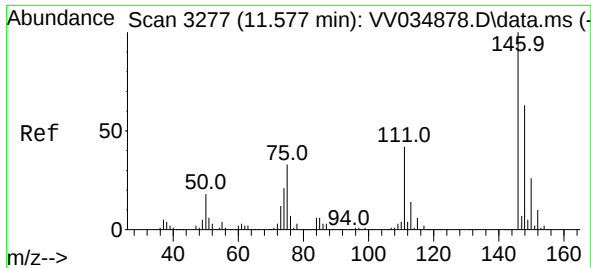
Ion Ratio Lower Upper

146 100

111 39.2 27.4 50.8

148 63.8 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 48.471 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VV034893.D

Acq: 28 Mar 2024 17:58

Instrument :

MSVOA_V

ClientSampleId :

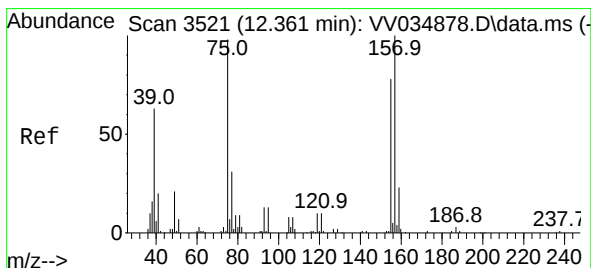
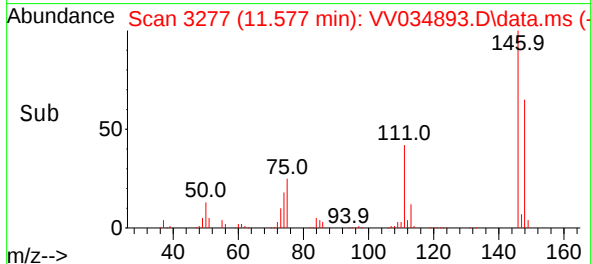
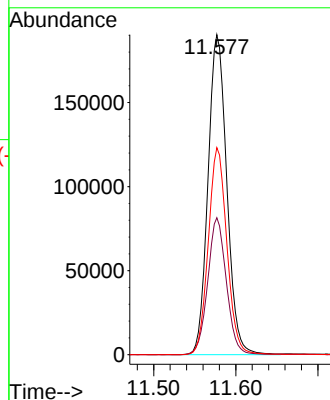
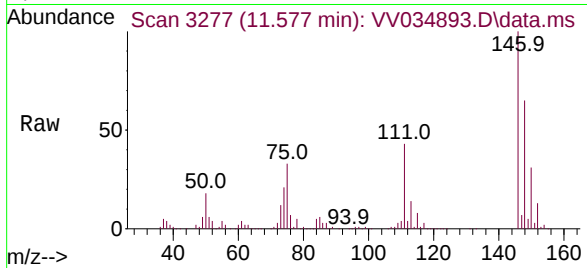
Tgt Ion:146 Resp: 303388

Ion Ratio Lower Upper

146 100

111 42.8 34.6 52.0

148 64.7 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 47.053 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV034893.D

Acq: 28 Mar 2024 17:58

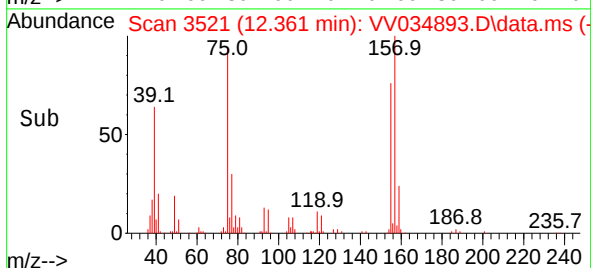
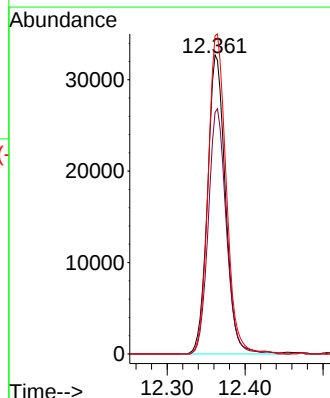
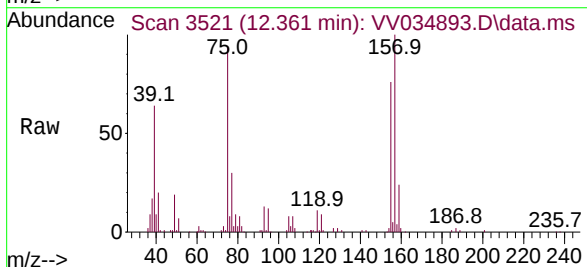
Tgt Ion: 75 Resp: 52388

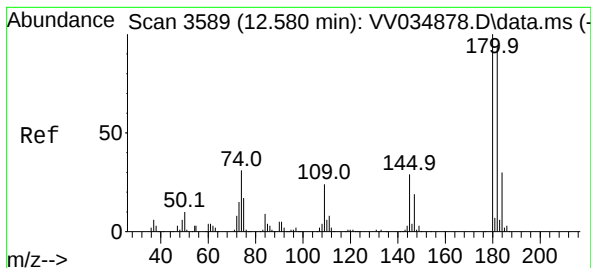
Ion Ratio Lower Upper

75 100

155 80.8 63.0 94.6

157 106.4 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 47.590 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

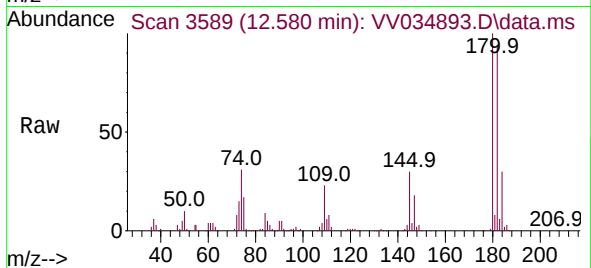
Lab File: VV034893.D

Acq: 28 Mar 2024 17:58

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 215501

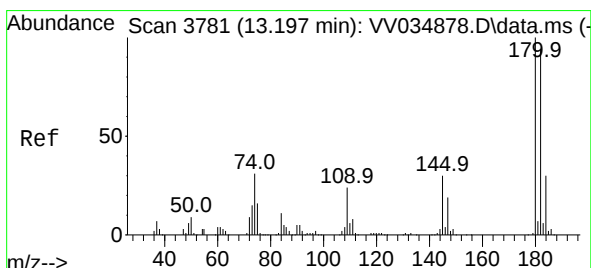
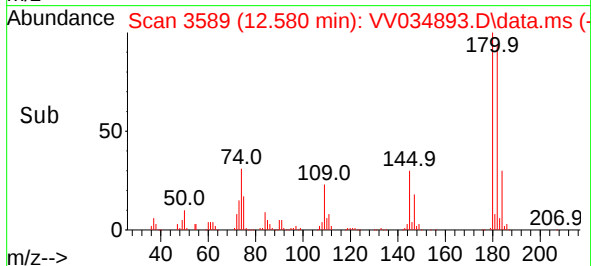
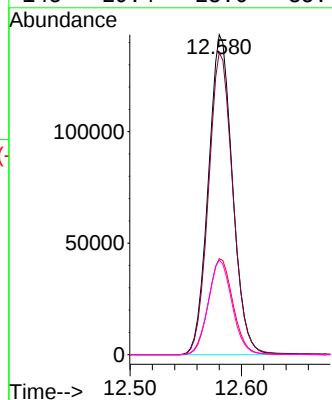
Ion Ratio Lower Upper

180 100

182 95.5 74.7 112.1

184 30.6 24.0 36.0

145 29.4 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 46.933 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV034893.D

Acq: 28 Mar 2024 17:58

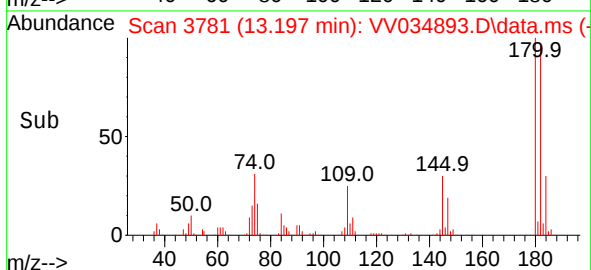
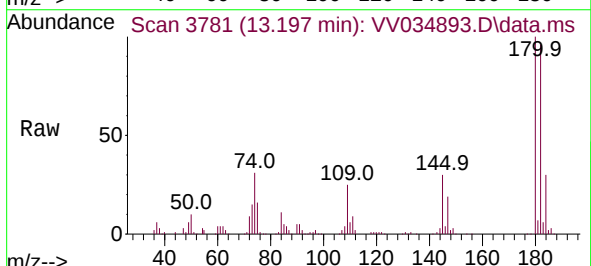
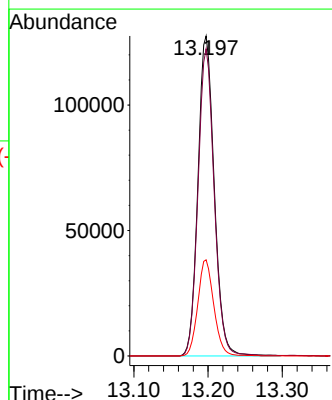
Tgt Ion:180 Resp: 195219

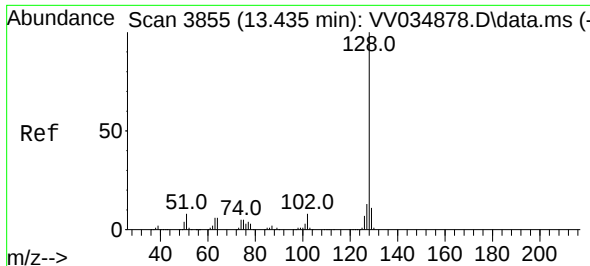
Ion Ratio Lower Upper

180 100

182 94.9 75.6 113.4

145 29.5 24.1 36.1

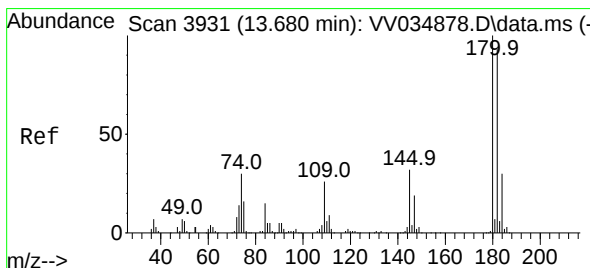
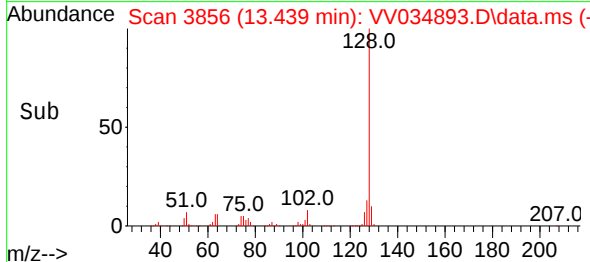
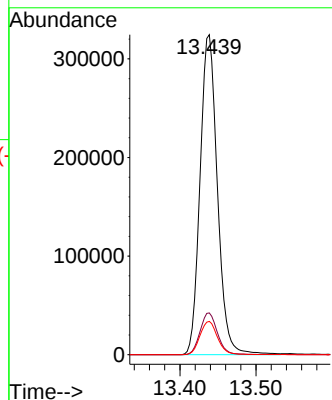
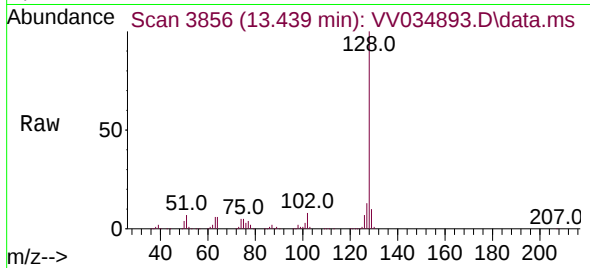




#71
Naphthalene
Concen: 44.583 ug/L
RT: 13.439 min Scan# 3855
Delta R.T. 0.003 min
Lab File: VV034893.D
Acq: 28 Mar 2024 17:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 514506
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.5 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 49.059 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. -0.000 min
Lab File: VV034893.D
Acq: 28 Mar 2024 17:58

Tgt Ion:180 Resp: 201150
Ion Ratio Lower Upper
180 100
182 93.7 76.2 114.2
145 31.3 25.8 38.6

