

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032024\
 Data File : VV034773.D
 Acq On : 20 Mar 2024 19:19
 Operator : SY/MD
 Sample : P1755-21MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 21 02:23:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 21 02:16:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	344912	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	331789	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	171125	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	129258	43.230	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.460%
7) Chloroethane-d5	1.532	69	108649	46.642	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.280%
11) 1,1-Dichloroethene-d2	2.060	65	49913	36.911	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.820%
21) 2-Butanone-d5	3.789	46	194242	97.143	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.140%
24) Chloroform-d	4.246	84	256089	48.440	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.880%
26) 1,2-Dichloroethane-d4	4.940	65	166526	48.202	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.400%
32) Benzene-d6	4.957	84	482024	48.138	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.280%
36) 1,2-Dichloropropane-d6	5.985	67	146761	48.025	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.060%
41) Toluene-d8	7.239	98	435030	48.007	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.020%
43) trans-1,3-Dichloroprop...	7.551	79	71401	46.528	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.060%
47) 2-Hexanone-d5	8.024	63	123272	80.782	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.780%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	205805	51.176	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.360%
66) 1,2-Dichlorobenzene-d4	11.561	152	168793	48.256	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	147339	40.725	ug/L	99
3) Chloromethane	1.217	50	138901	39.072	ug/L	99
5) Vinyl chloride	1.285	62	143685	41.638	ug/L	99
6) Bromomethane	1.487	94	87906	42.457	ug/L	99
8) Chloroethane	1.548	64	94792	46.216	ug/L	99
9) Trichlorofluoromethane	1.712	101	227427	44.009	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	106439	38.216	ug/L	99
12) 1,1-Dichloroethene	2.069	96	99995	38.717	ug/L	97
13) Acetone	2.121	43	293271	122.004	ug/L	98
14) Carbon disulfide	2.240	76	281571	39.283	ug/L	99
15) Methyl Acetate	2.371	43	134921	43.873	ug/L	93
16) Methylene chloride	2.445	84	138208	50.449	ug/L	95
17) trans-1,2-Dichloroethene	2.693	96	118509	47.408	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	473376	52.732	ug/L	99
19) 1,1-Dichloroethane	3.111	63	252060	51.474	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	140182	51.685	ug/L	96
22) 2-Butanone	3.870	43	233062	98.186	ug/L	98
23) Bromochloromethane	4.146	128	72722	51.852	ug/L	99
25) Chloroform	4.272	83	263262	51.869	ug/L	98

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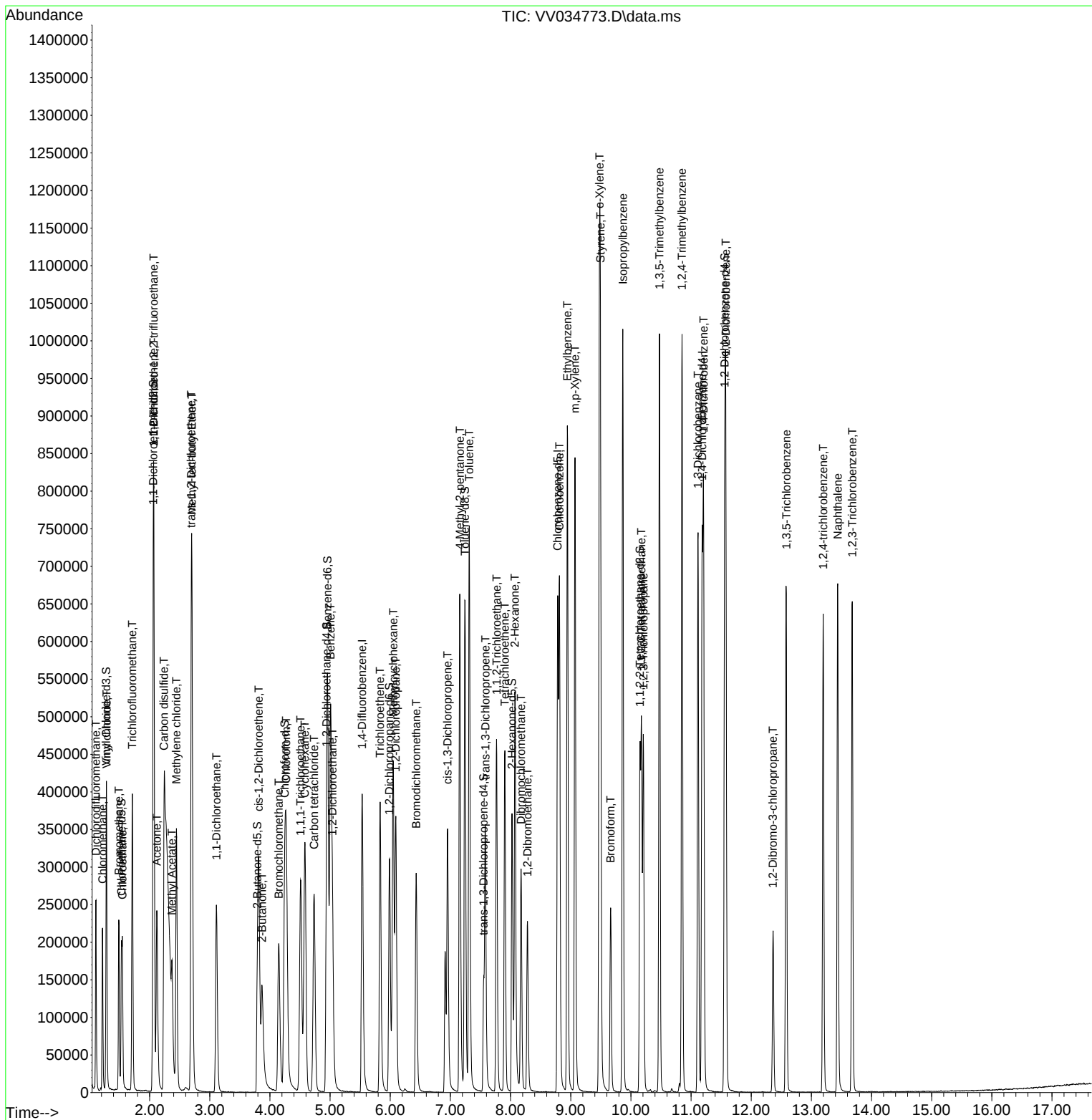
Instrument :
 MSVOA_V
 ClientSampleId :

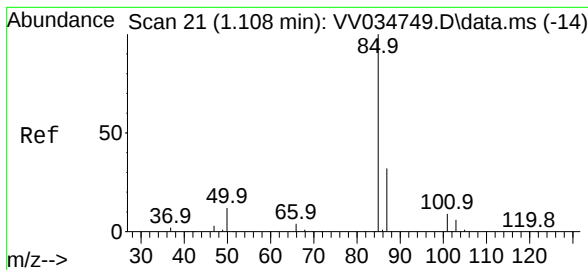
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 Quant Title : VOC Analysis
 QLast Update : Thu Mar 21 02:16:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	216116	52.408	ug/L	100
29) Cyclohexane	4.580	56	189191	43.352	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	236611	49.731	ug/L	98
31) Carbon tetrachloride	4.735	117	201680	47.878	ug/L	99
33) Benzene	5.008	78	512001	49.715	ug/L	100
34) Trichloroethene	5.831	95	133846	45.721	ug/L	94
35) Methylcyclohexane	6.050	83	186187	41.835	ug/L	99
37) 1,2-Dichloropropane	6.092	63	139143	51.605	ug/L	99
38) Bromodichloromethane	6.432	83	196196	51.730	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	212788	48.709	ug/L	95
40) 4-Methyl-2-pentanone	7.156	43	428226	107.706	ug/L	98
42) Toluene	7.313	91	538310	49.388	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	203561	48.449	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	143233	55.056	ug/L	99
46) Tetrachloroethene	7.905	164	98543	45.263	ug/L	98
48) 2-Hexanone	8.072	43	340953	107.619	ug/L	97
49) Dibromochloromethane	8.175	129	150045	54.654	ug/L	98
50) 1,2-Dibromoethane	8.281	107	145563	52.728	ug/L	100
51) Chlorobenzene	8.812	112	355713	50.482	ug/L	99
52) Ethylbenzene	8.944	91	611645	50.082	ug/L	100
53) m,p-Xylene	9.072	106	227668	49.125	ug/L	98
54) o-Xylene	9.477	106	231195	50.944	ug/L	96
55) Styrene	9.493	104	401731	52.283	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	221125	56.591	ug/L	98
59) Bromoform	9.664	173	105957	55.847	ug/L	99
60) Isopropylbenzene	9.866	105	630102	52.062	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	180696	55.317	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	522613	51.190	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	528772	52.367	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	286888	51.268	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	300350	52.854	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	301974	53.854	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	54198	55.698	ug/L	99
69) 1,3,5-Trichlorobenzene	12.583	180	202550	48.250	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	184183	48.760	ug/L	99
71) Naphthalene	13.438	128	515711	51.040	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	191218	51.892	ug/L	99

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

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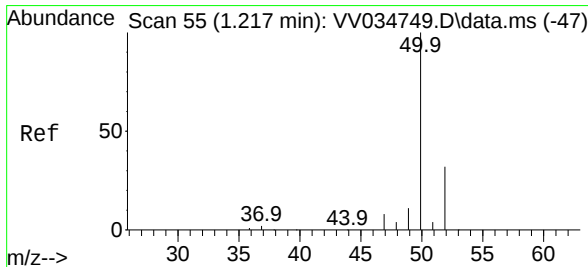
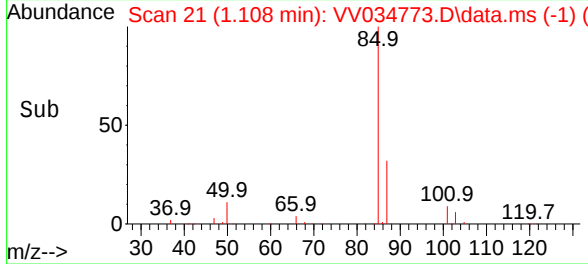
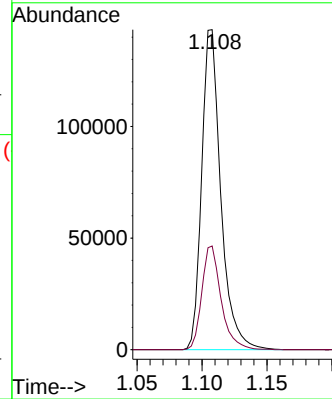
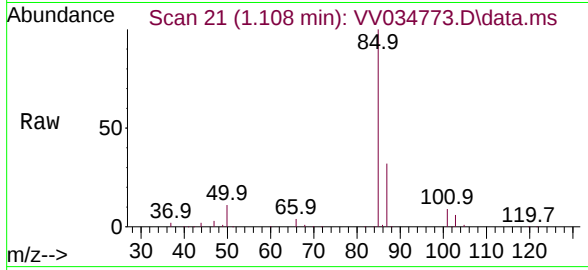




#2
 Dichlorodifluoromethane
 Concen: 40.725 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV034773.D
 Acq: 20 Mar 2024 19:19

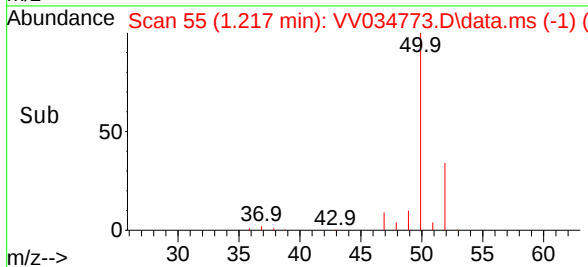
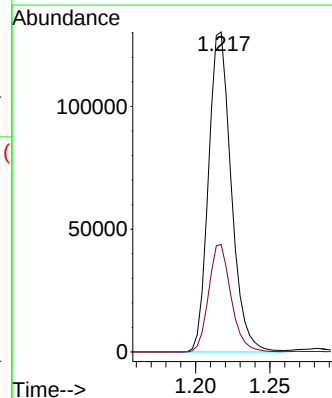
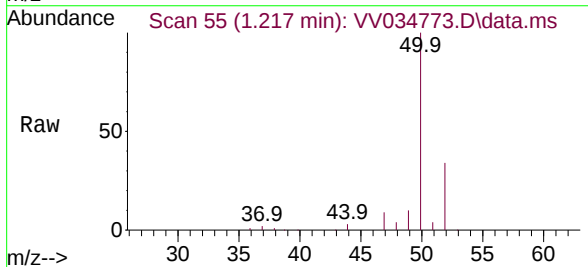
Instrument :
 MSVOA_V
 ClientSampleId :

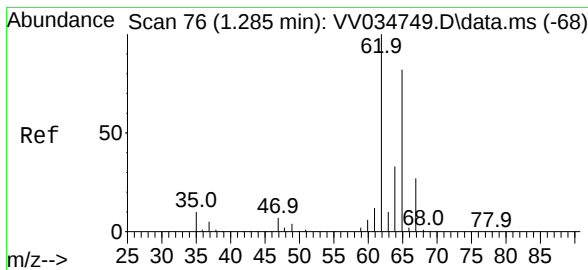
Tgt Ion: 85 Resp: 147339
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.5 38.3



#3
 Chloromethane
 Concen: 39.072 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV034773.D
 Acq: 20 Mar 2024 19:19

Tgt Ion: 50 Resp: 138901
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.0 42.8





#5

Vinyl chloride

Concen: 41.638 ug/L

RT: 1.285 min Scan# 7

Delta R.T. 0.000 min

Lab File: VV034773.D

Acq: 20 Mar 2024 19:19

Instrument :

MSVOA_V

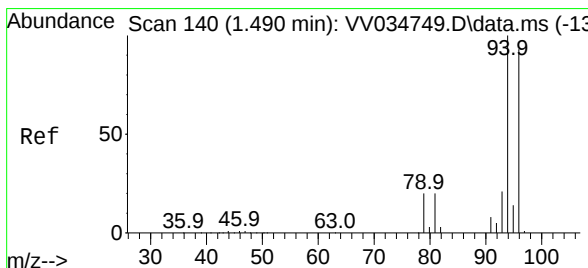
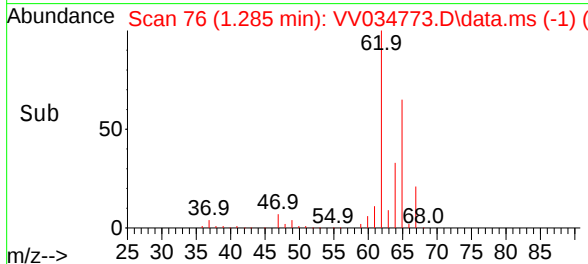
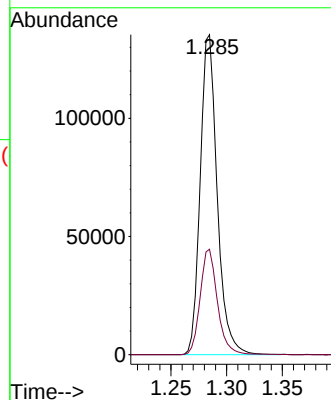
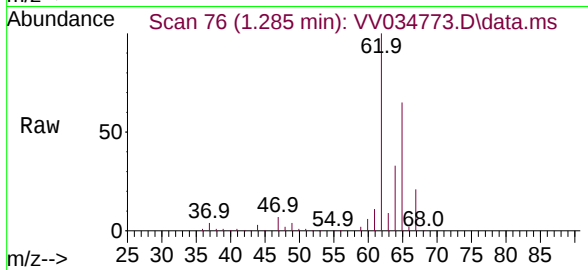
ClientSampleId :

Tgt Ion: 62 Resp: 143685

Ion Ratio Lower Upper

62 100

64 33.0 23.4 43.6



#6

Bromomethane

Concen: 42.457 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.003 min

Lab File: VV034773.D

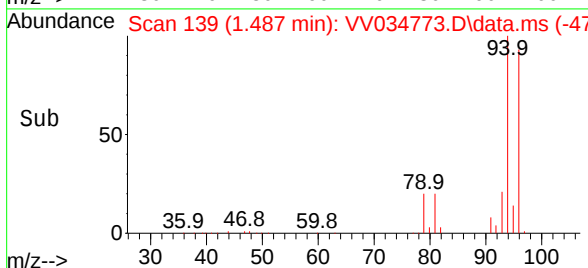
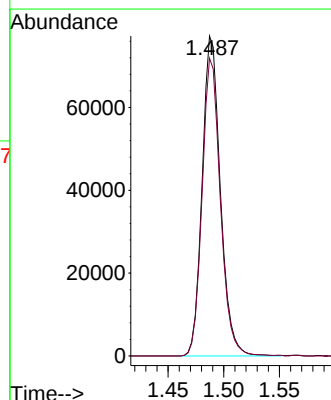
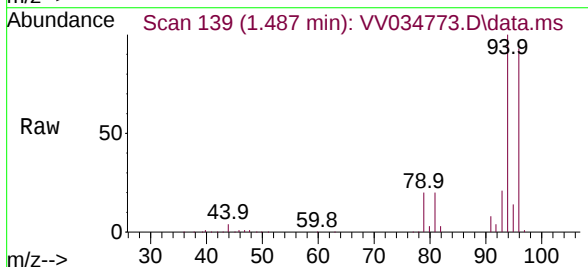
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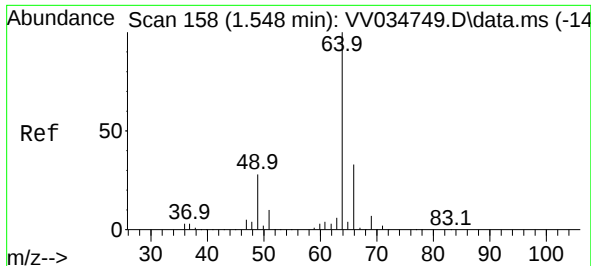
Tgt Ion: 94 Resp: 87906

Ion Ratio Lower Upper

94 100

96 93.1 66.0 122.6

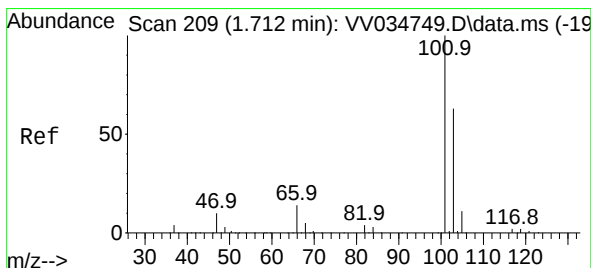
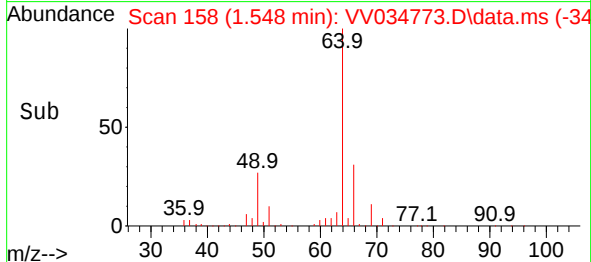
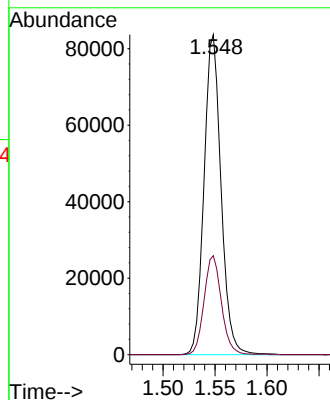
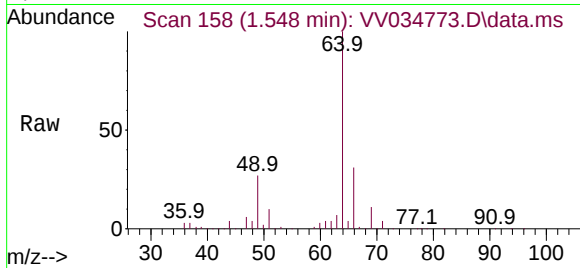




#8
Chloroethane
Concen: 46.216 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV034773.D
Acq: 20 Mar 2024 19:19

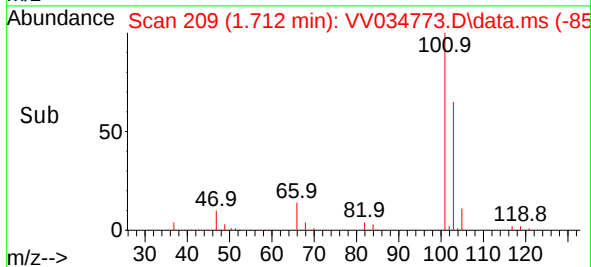
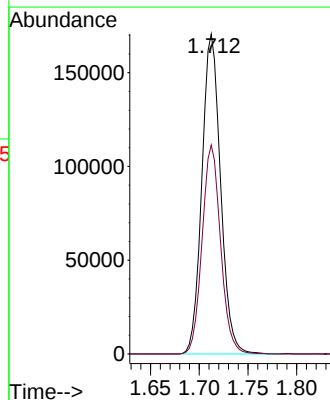
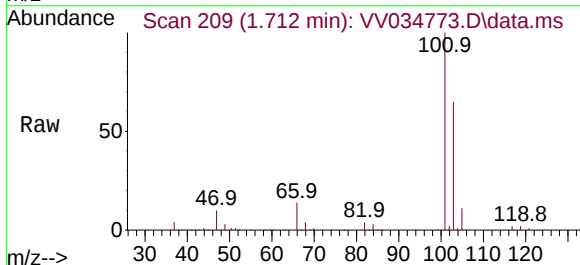
Instrument :
MSVOA_V
ClientSampleId :

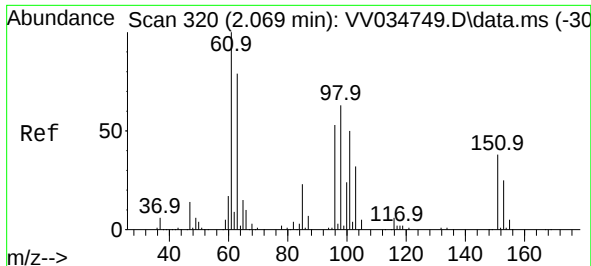
Tgt Ion: 64 Resp: 94792
Ion Ratio Lower Upper
64 100
66 30.9 22.0 40.8



#9
Trichlorofluoromethane
Concen: 44.009 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV034773.D
Acq: 20 Mar 2024 19:19

Tgt Ion:101 Resp: 227427
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.8

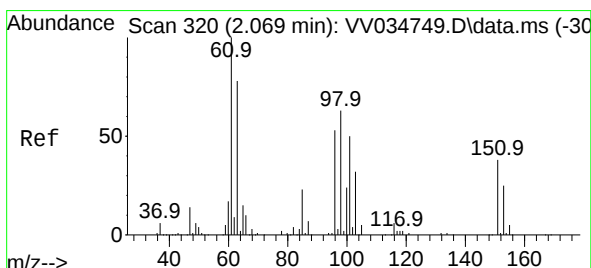
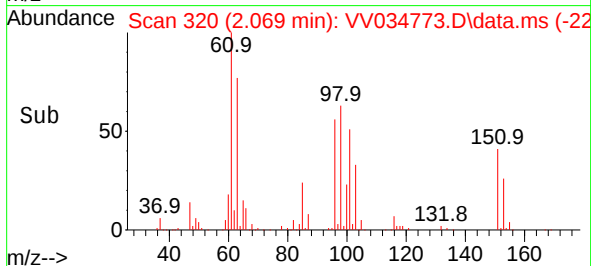
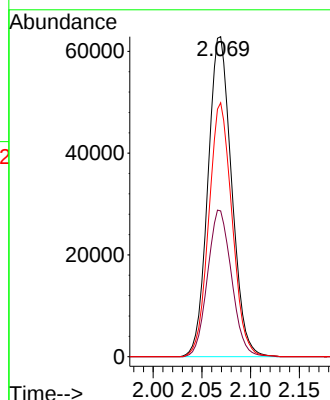
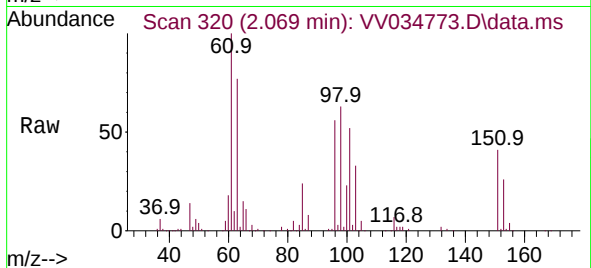




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 38.216 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV034773.D
 Acq: 20 Mar 2024 19:19

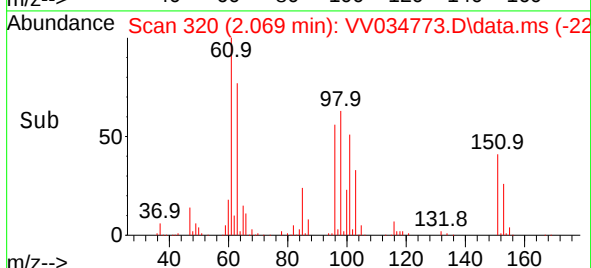
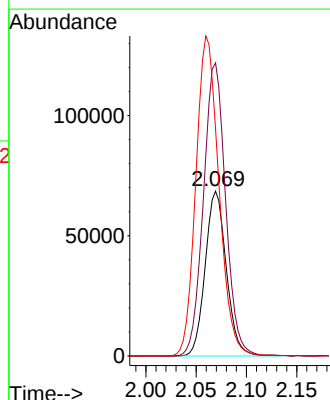
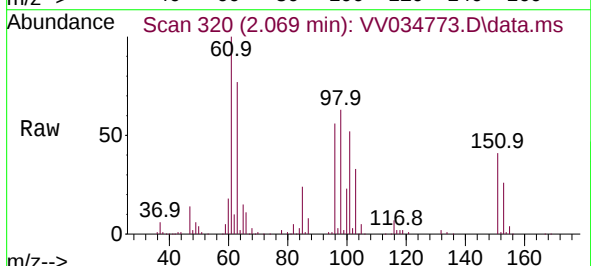
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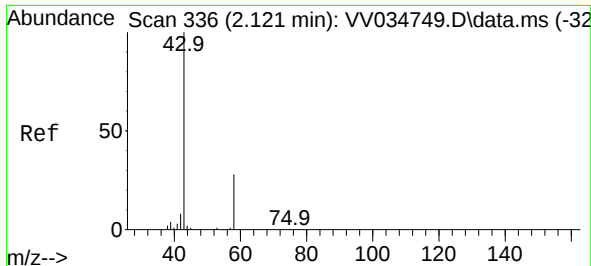
Tgt Ion:101 Resp: 106439
 Ion Ratio Lower Upper
 101 100
 85 46.2 37.4 56.0
 151 77.8 61.4 92.2



#12
 1,1-Dichloroethene
 Concen: 38.717 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV034773.D
 Acq: 20 Mar 2024 19:19

Tgt Ion: 96 Resp: 99995
 Ion Ratio Lower Upper
 96 100
 61 177.9 128.9 239.3
 63 137.8 98.0 182.0





#13

Acetone

Concen: 122.004 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.000 min

Lab File: VV034773.D

Acq: 20 Mar 2024 19:19

Instrument :

MSVOA_V

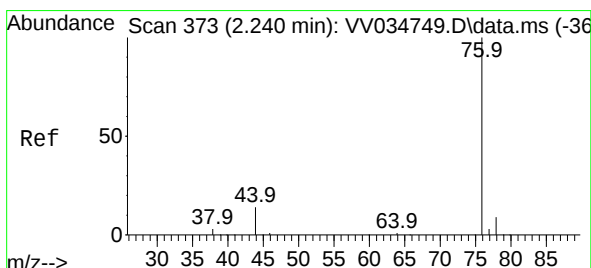
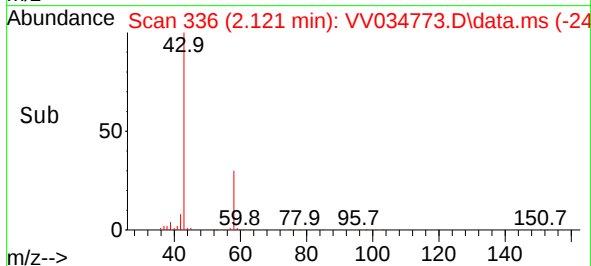
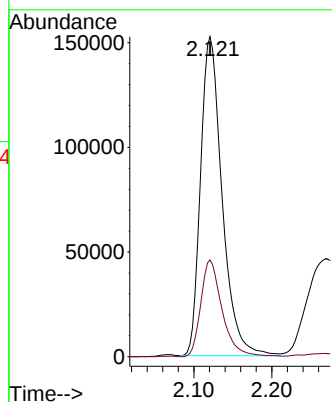
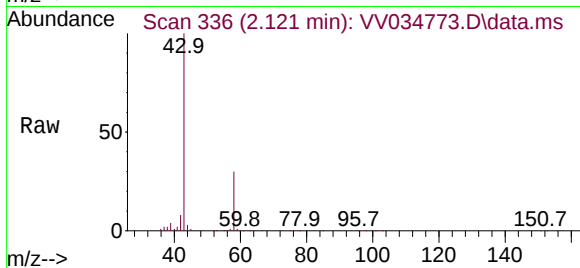
ClientSampleId :

Tgt Ion: 43 Resp: 293271

Ion Ratio Lower Upper

43 100

58 29.8 0.0 57.2



#14

Carbon disulfide

Concen: 39.283 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV034773.D

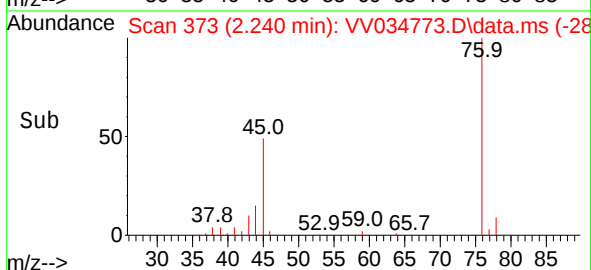
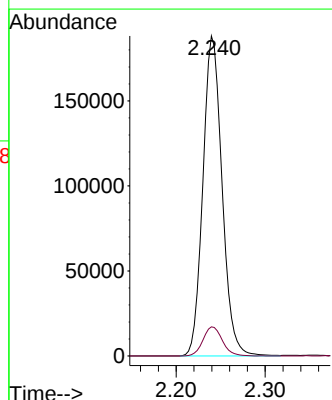
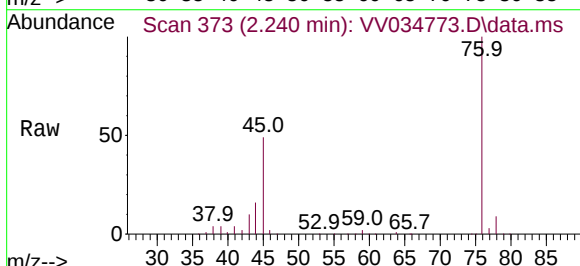
Acq: 20 Mar 2024 19:19

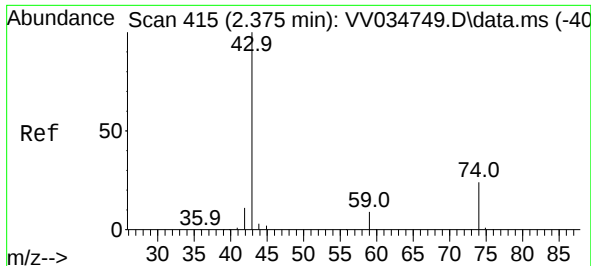
Tgt Ion: 76 Resp: 281571

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3





#15

Methyl Acetate

Concen: 43.873 ug/L

RT: 2.371 min Scan# 415

Delta R.T. -0.003 min

Lab File: VV034773.D

Acq: 20 Mar 2024 19:19

Instrument :

MSVOA_V

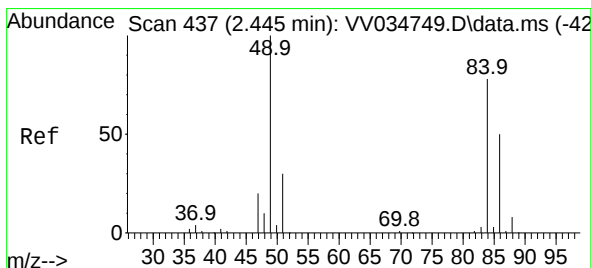
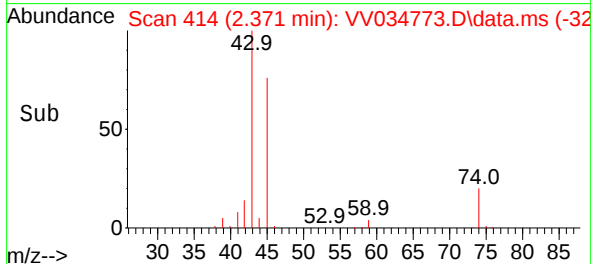
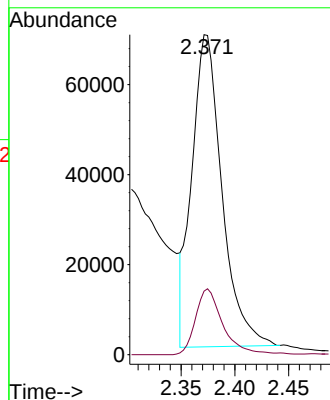
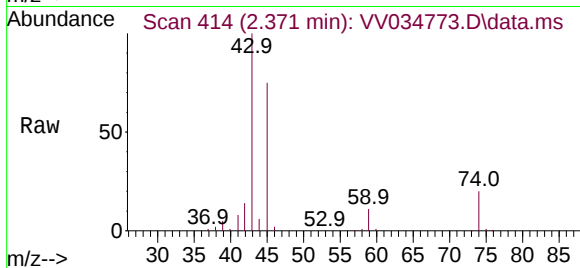
ClientSampleId :

Tgt Ion: 43 Resp: 134921

Ion Ratio Lower Upper

43 100

74 19.1 17.8 26.8



#16

Methylene chloride

Concen: 50.449 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.000 min

Lab File: VV034773.D

Acq: 20 Mar 2024 19:19

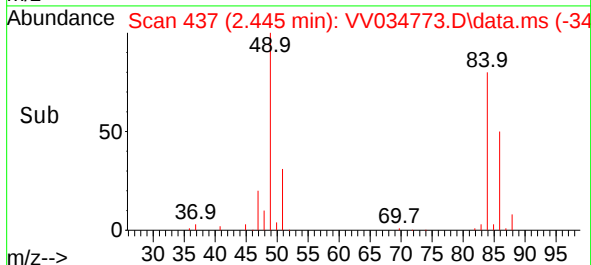
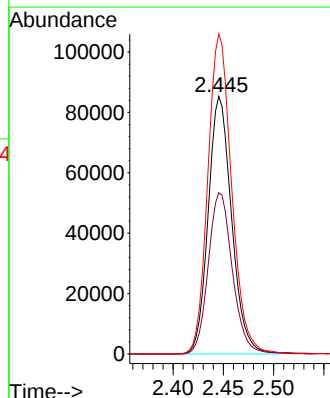
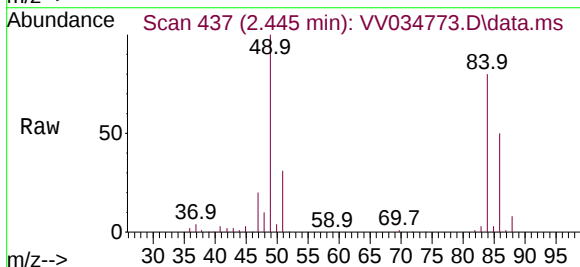
Tgt Ion: 84 Resp: 138208

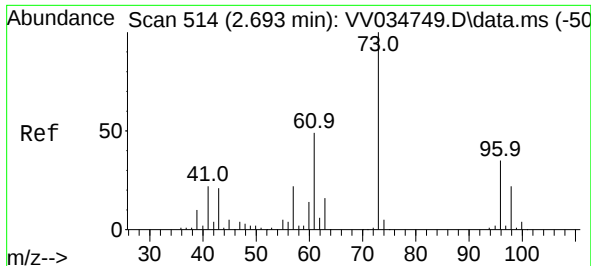
Ion Ratio Lower Upper

84 100

86 62.6 45.6 84.6

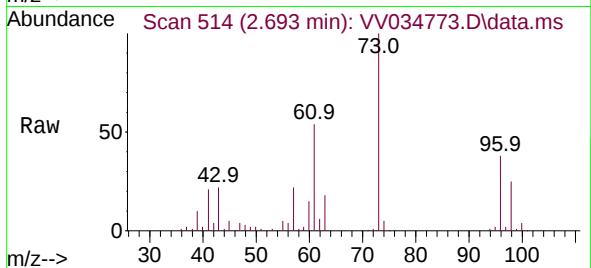
49 124.3 92.3 171.3



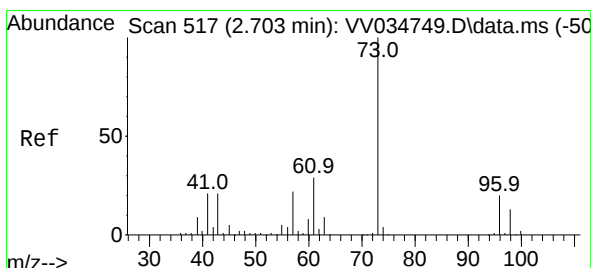
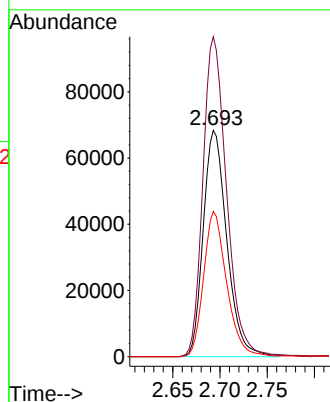
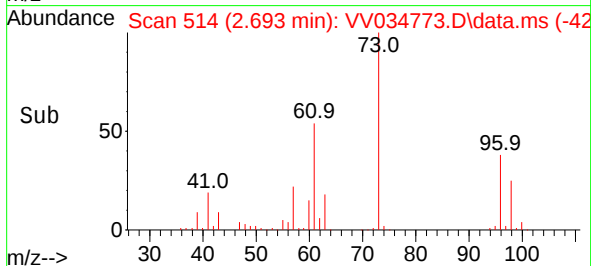


#17
trans-1,2-Dichloroethene
Concen: 47.408 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV034773.D
Acq: 20 Mar 2024 19:19

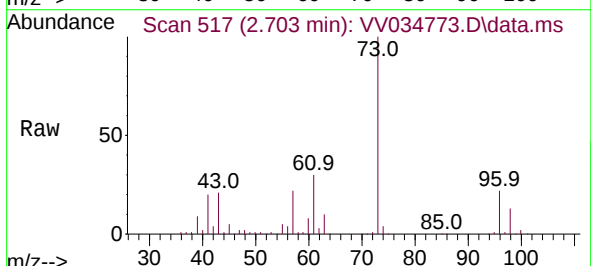
Instrument :
MSVOA_V
ClientSampleId :



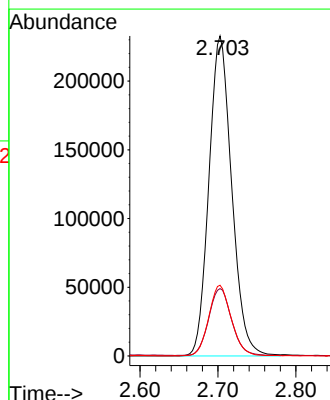
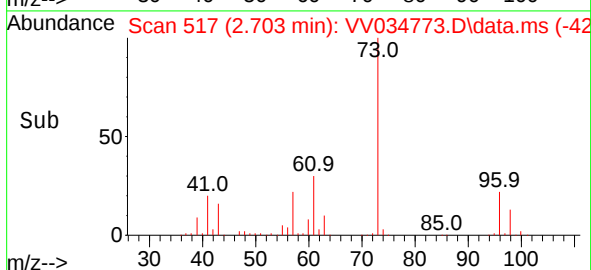
Tgt Ion: 96 Resp: 118509
Ion Ratio Lower Upper
96 100
61 141.4 98.8 183.4
98 64.2 46.1 85.5

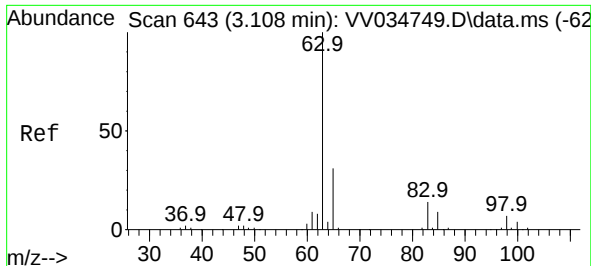


#18
Methyl tert-butyl Ether
Concen: 52.732 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV034773.D
Acq: 20 Mar 2024 19:19



Tgt Ion: 73 Resp: 473376
Ion Ratio Lower Upper
73 100
43 20.9 17.1 25.7
57 21.6 17.6 26.4

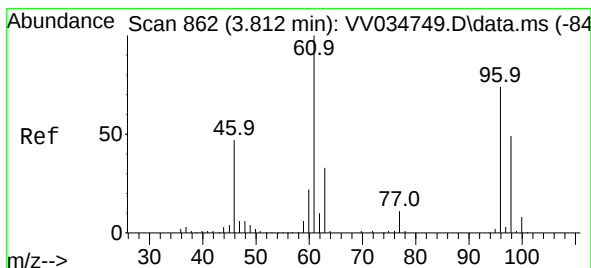
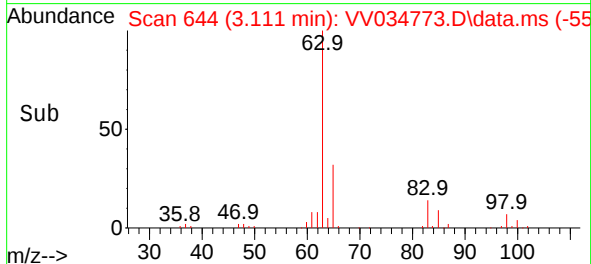
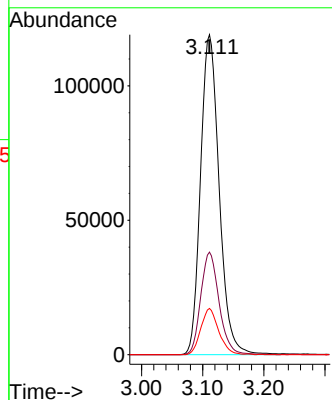
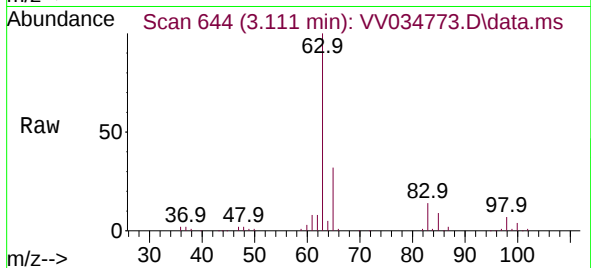




#19
1,1-Dichloroethane
Concen: 51.474 ug/L
RT: 3.111 min Scan# 643
Delta R.T. 0.003 min
Lab File: VV034773.D
Acq: 20 Mar 2024 19:19

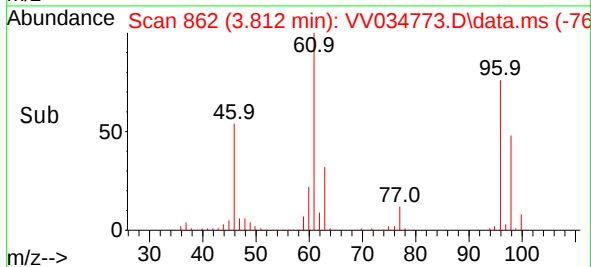
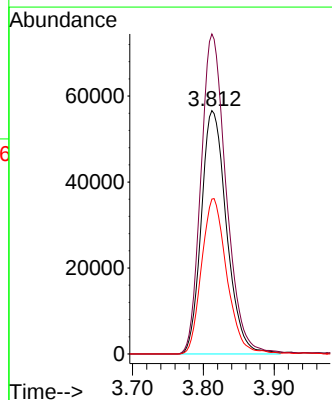
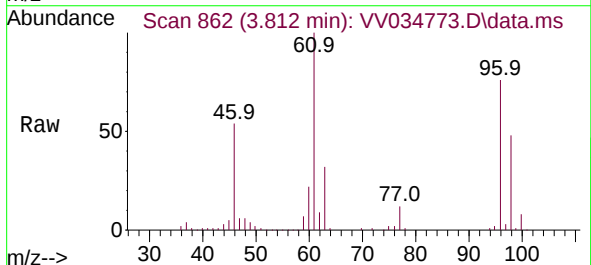
Instrument :
MSVOA_V
ClientSampleId :

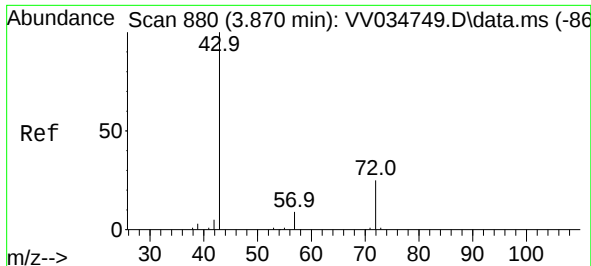
Tgt Ion: 63 Resp: 252060
Ion Ratio Lower Upper
63 100
65 32.0 22.1 41.1
83 14.5 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 51.685 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV034773.D
Acq: 20 Mar 2024 19:19

Tgt Ion: 96 Resp: 140182
Ion Ratio Lower Upper
96 100
61 131.5 96.0 178.4
98 63.7 46.0 85.4





#22

2-Butanone

Concen: 98.186 ug/L

RT: 3.870 min Scan# 880

Delta R.T. 0.000 min

Lab File: VV034773.D

Acq: 20 Mar 2024 19:19

Instrument :

MSVOA_V

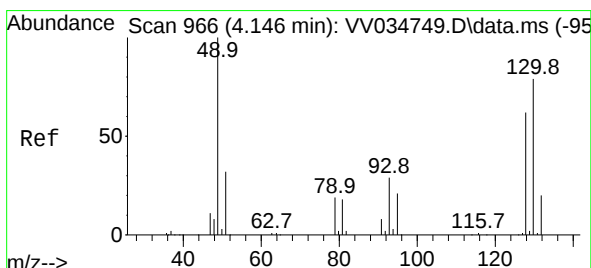
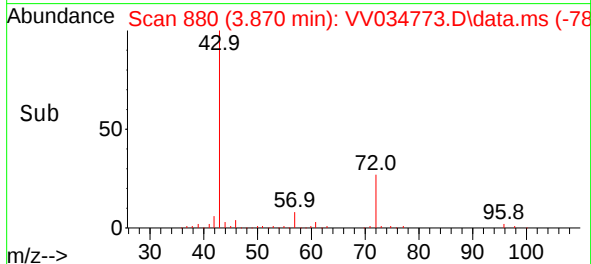
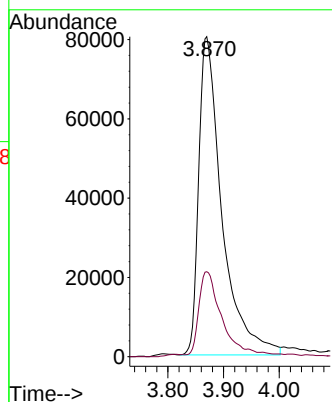
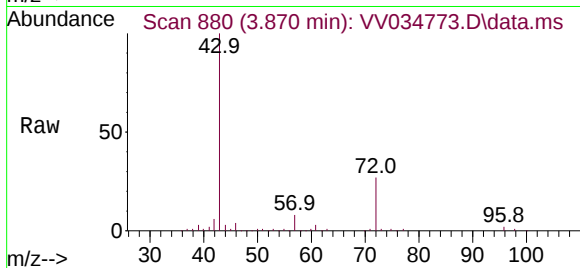
ClientSampleId :

Tgt Ion: 43 Resp: 233062

Ion Ratio Lower Upper

43 100

72 23.9 11.5 34.4



#23

Bromochloromethane

Concen: 51.852 ug/L

RT: 4.146 min Scan# 966

Delta R.T. 0.000 min

Lab File: VV034773.D

Acq: 20 Mar 2024 19:19

Tgt Ion:128 Resp: 72722

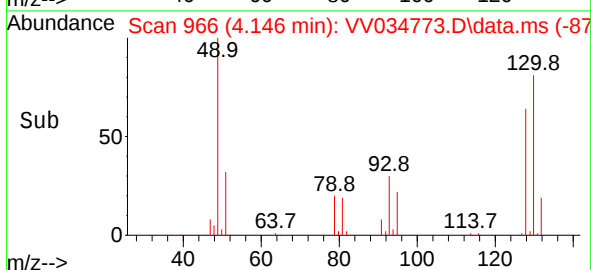
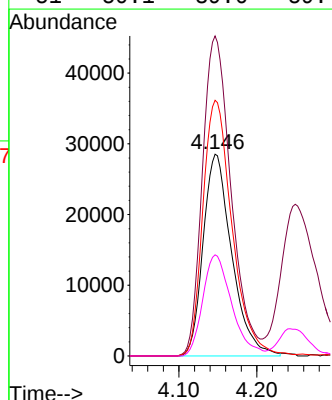
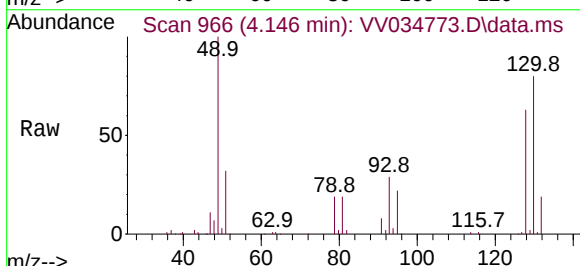
Ion Ratio Lower Upper

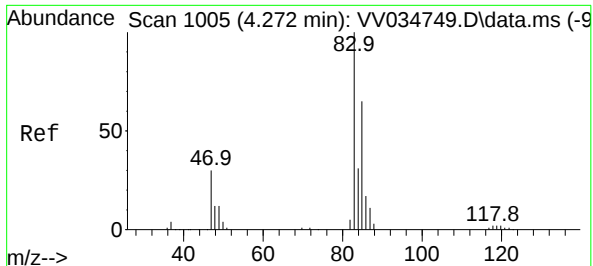
128 100

49 158.6 109.4 203.2

130 126.7 87.7 162.9

51 50.1 39.6 59.4





#25

Chloroform

Concen: 51.869 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV034773.D

Acq: 20 Mar 2024 19:19

Instrument :

MSVOA_V

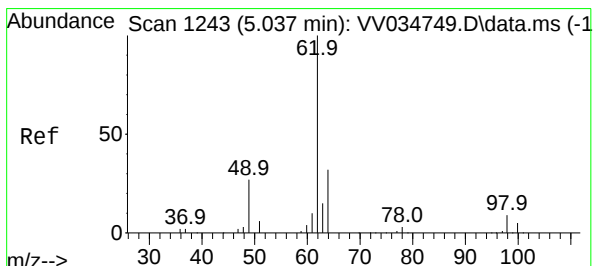
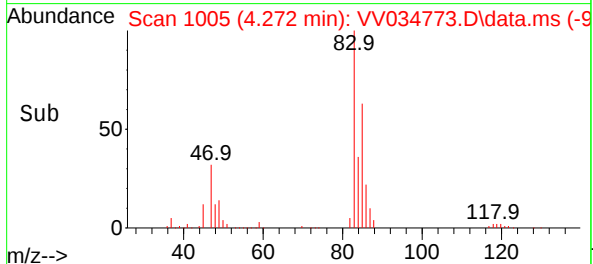
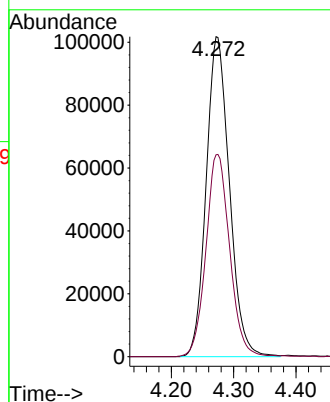
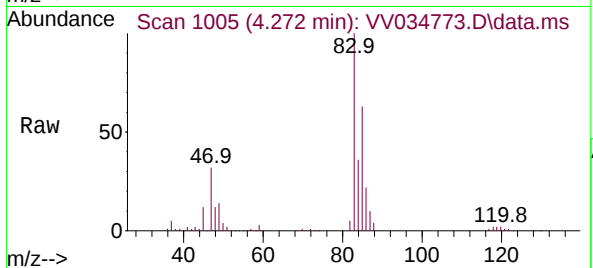
ClientSampleId :

Tgt Ion: 83 Resp: 263262

Ion Ratio Lower Upper

83 100

85 63.1 45.5 84.5



#27

1,2-Dichloroethane

Concen: 52.408 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV034773.D

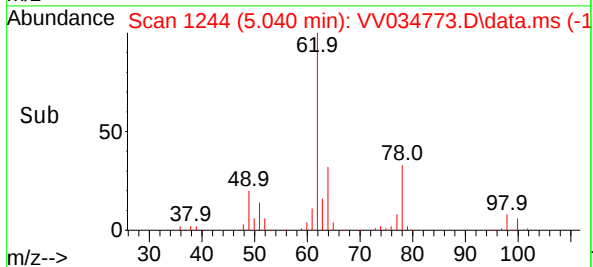
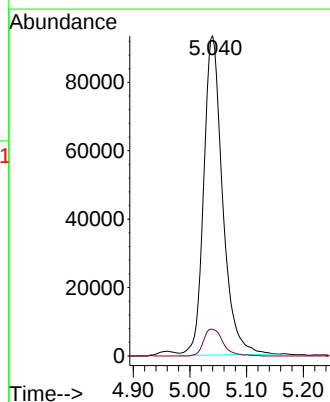
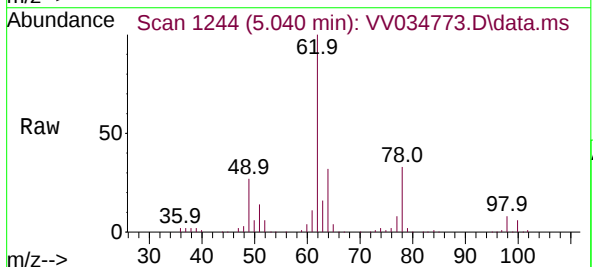
Acq: 20 Mar 2024 19:19

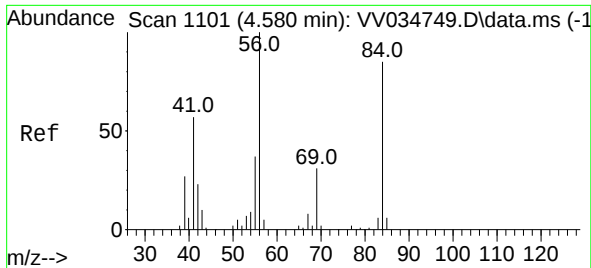
Tgt Ion: 62 Resp: 216116

Ion Ratio Lower Upper

62 100

98 8.3 6.6 10.0





#29

Cyclohexane

Concen: 43.352 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV034773.D

Acq: 20 Mar 2024 19:19

Instrument :

MSVOA_V

ClientSampleId :

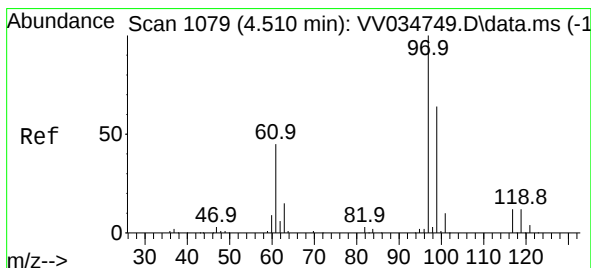
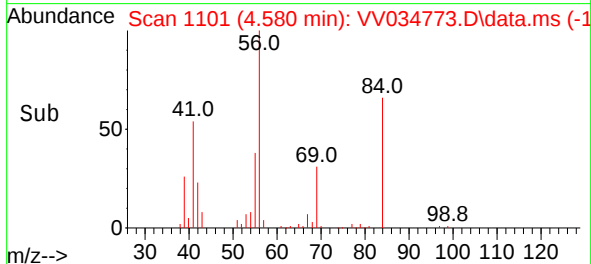
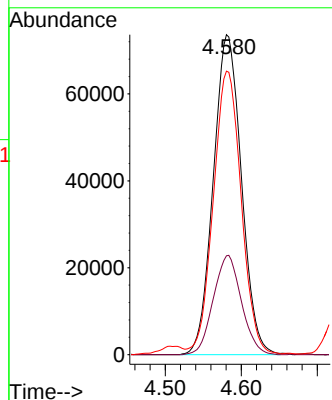
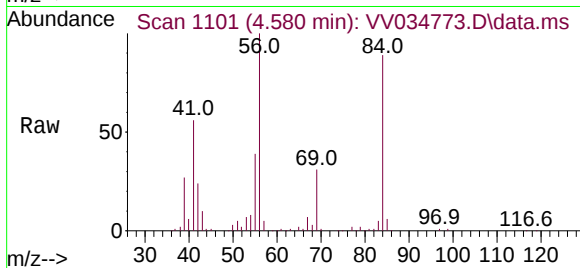
Tgt Ion: 56 Resp: 189191

Ion Ratio Lower Upper

56 100

69 31.0 24.2 36.4

84 87.7 70.5 105.7



#30

1,1,1-Trichloroethane

Concen: 49.731 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VV034773.D

Acq: 20 Mar 2024 19:19

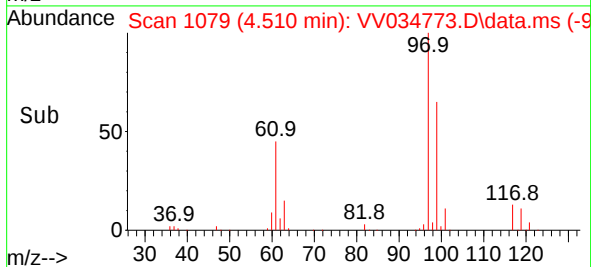
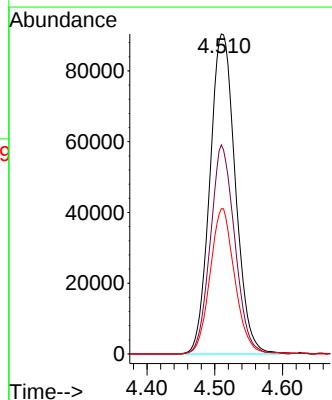
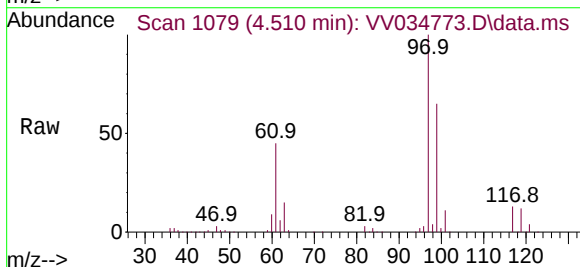
Tgt Ion: 97 Resp: 236611

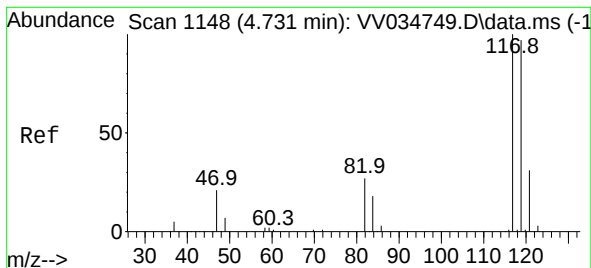
Ion Ratio Lower Upper

97 100

99 62.6 51.3 76.9

61 43.9 36.0 54.0





#31

Carbon tetrachloride

Concen: 47.878 ug/L

RT: 4.735 min Scan# 1148

Delta R.T. 0.003 min

Lab File: VV034773.D

Acq: 20 Mar 2024 19:19

Instrument :

MSVOA_V

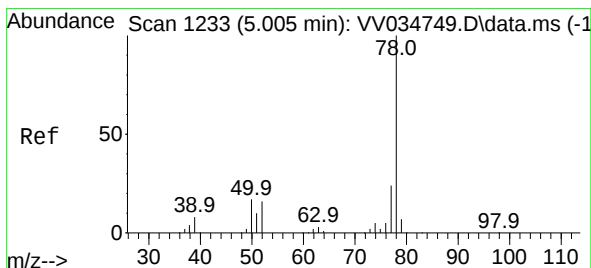
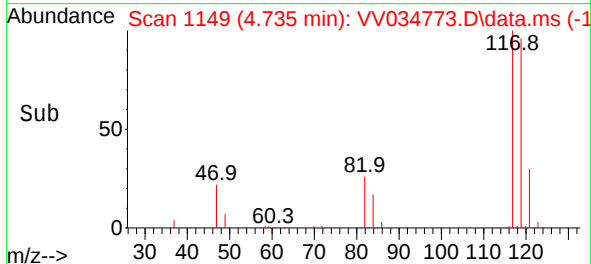
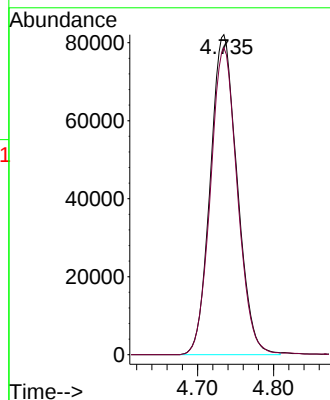
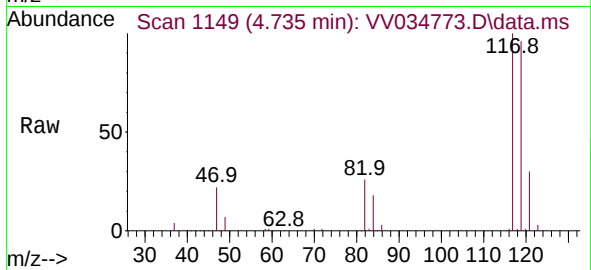
ClientSampleId :

Tgt Ion:117 Resp: 201680

Ion Ratio Lower Upper

117 100

119 95.7 77.5 116.3



#33

Benzene

Concen: 49.715 ug/L

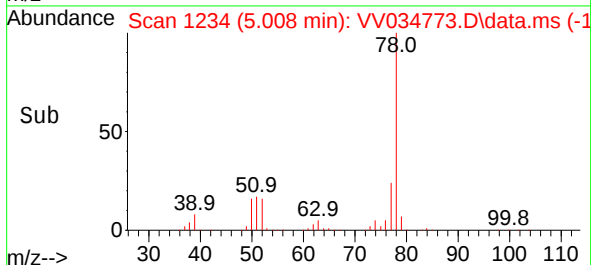
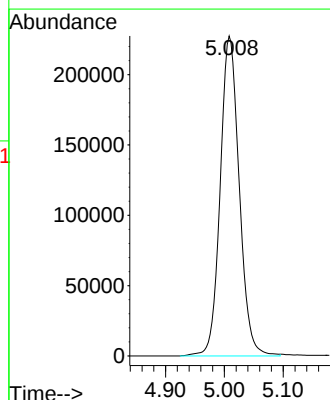
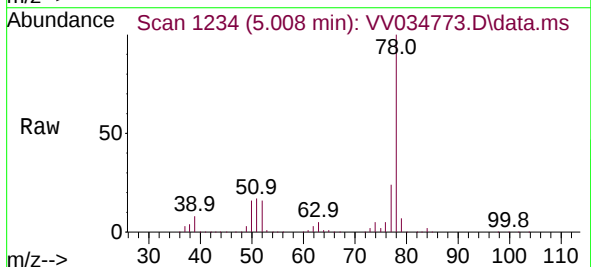
RT: 5.008 min Scan# 1234

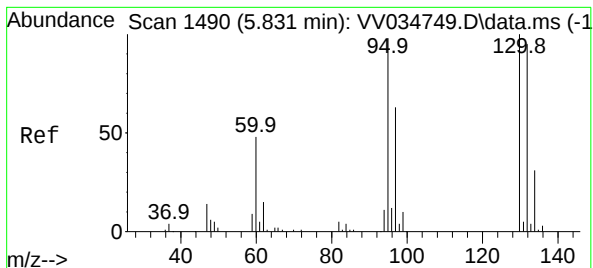
Delta R.T. 0.003 min

Lab File: VV034773.D

Acq: 20 Mar 2024 19:19

Tgt Ion: 78 Resp: 512001





#34

Trichloroethene

Concen: 45.721 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VV034773.D

Acq: 20 Mar 2024 19:19

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 133846

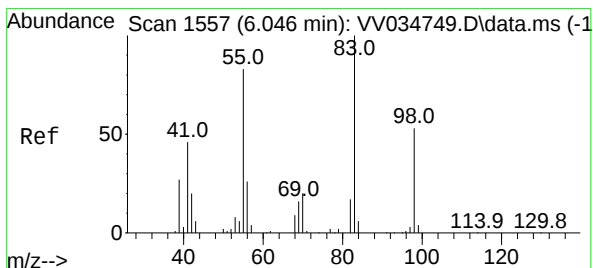
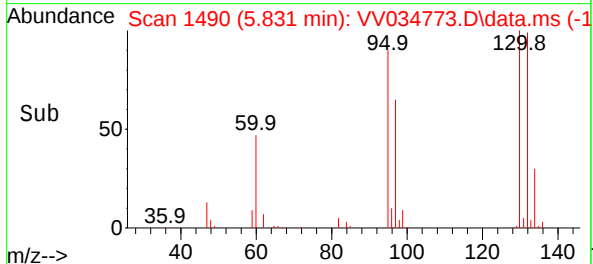
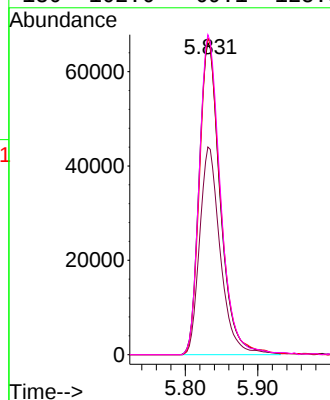
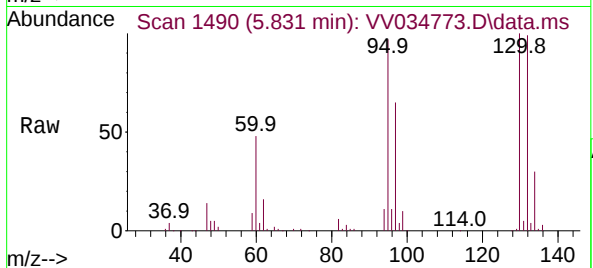
Ion Ratio Lower Upper

95 100

97 66.6 44.7 83.1

132 101.6 65.3 121.3

130 102.6 69.1 128.3



#35

Methylcyclohexane

Concen: 41.835 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV034773.D

Acq: 20 Mar 2024 19:19

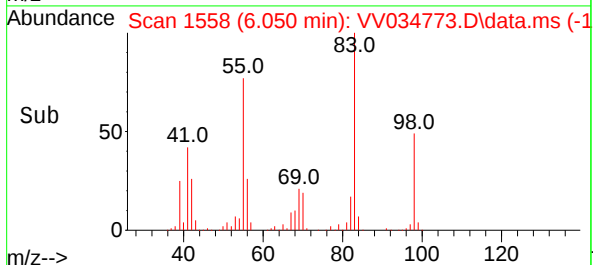
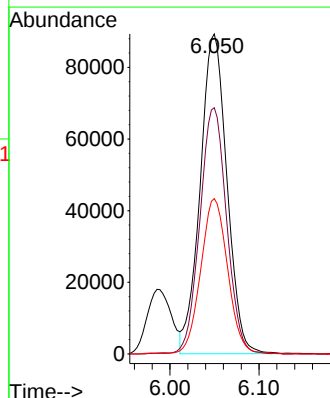
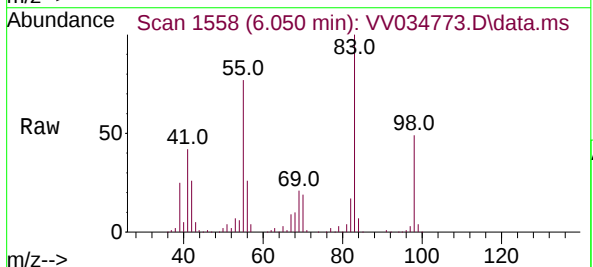
Tgt Ion: 83 Resp: 186187

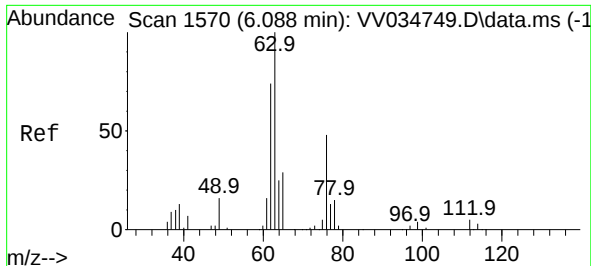
Ion Ratio Lower Upper

83 100

55 76.9 62.6 94.0

98 49.0 39.5 59.3

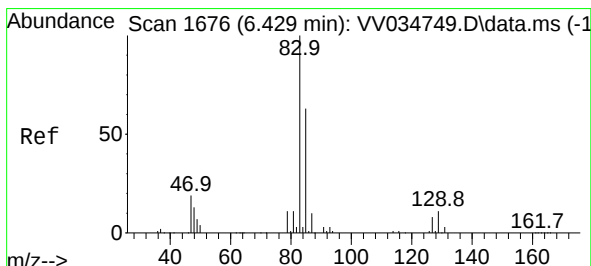
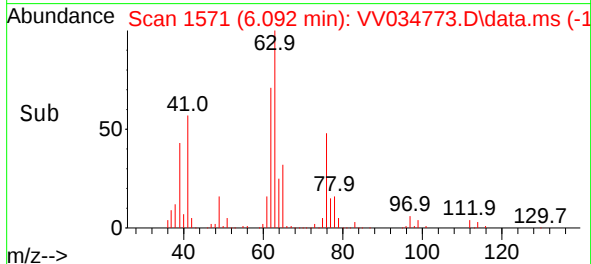
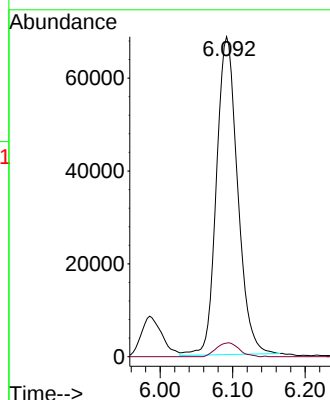
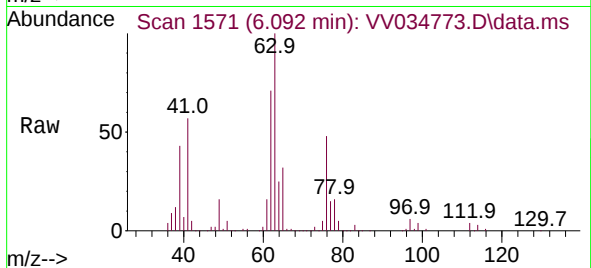




#37
1,2-Dichloropropane
Concen: 51.605 ug/L
RT: 6.092 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV034773.D
Acq: 20 Mar 2024 19:19

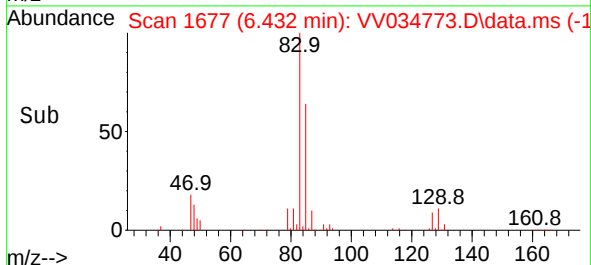
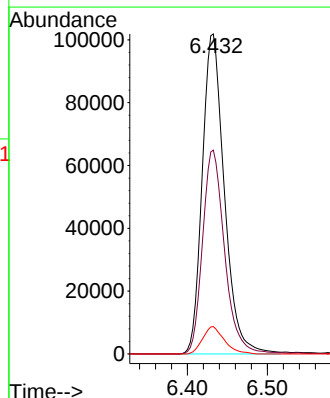
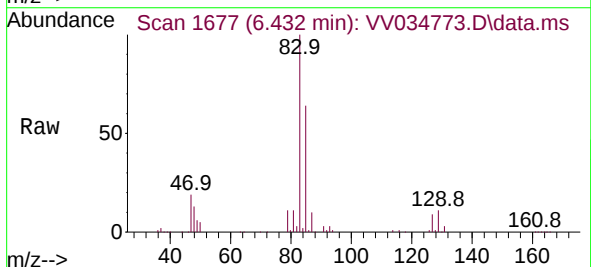
Instrument :
MSVOA_V
ClientSampleId :

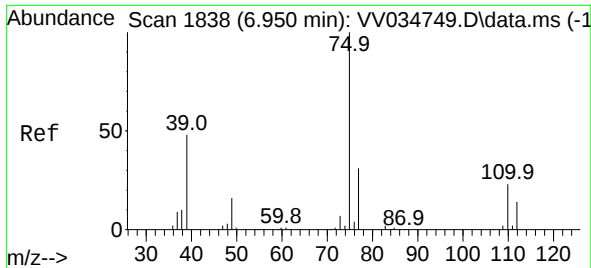
Tgt Ion: 63 Resp: 139143
Ion Ratio Lower Upper
63 100
112 4.7 3.5 5.3



#38
Bromodichloromethane
Concen: 51.730 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.003 min
Lab File: VV034773.D
Acq: 20 Mar 2024 19:19

Tgt Ion: 83 Resp: 196196
Ion Ratio Lower Upper
83 100
85 63.7 44.6 82.8
127 8.5 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 48.709 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. 0.003 min

Lab File: VV034773.D

Acq: 20 Mar 2024 19:19

Instrument :

MSVOA_V

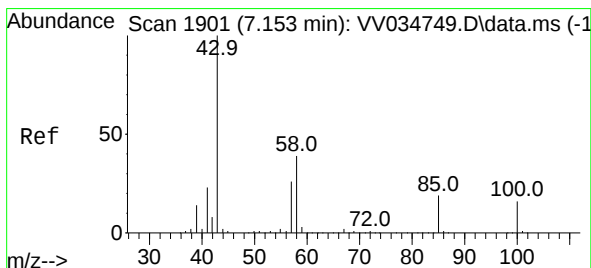
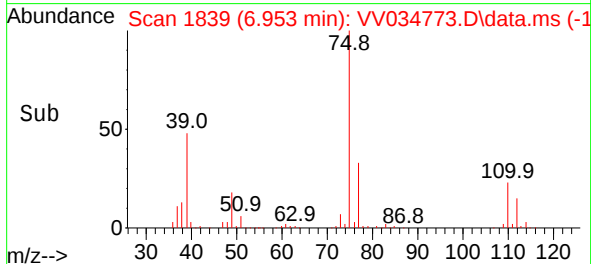
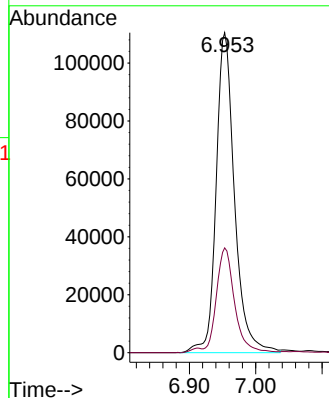
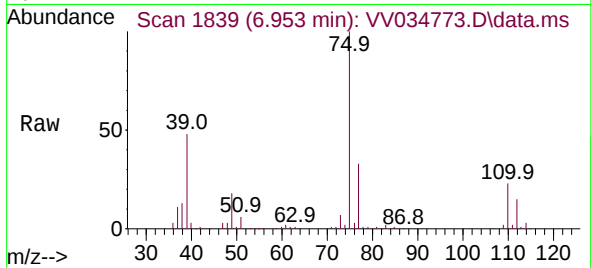
ClientSampleId :

Tgt Ion: 75 Resp: 212788

Ion Ratio Lower Upper

75 100

77 32.7 20.9 38.9



#40

4-Methyl-2-pentanone

Concen: 107.706 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.003 min

Lab File: VV034773.D

Acq: 20 Mar 2024 19:19

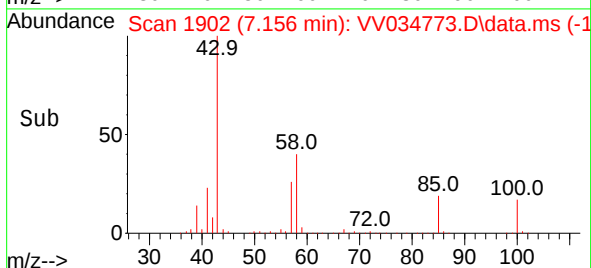
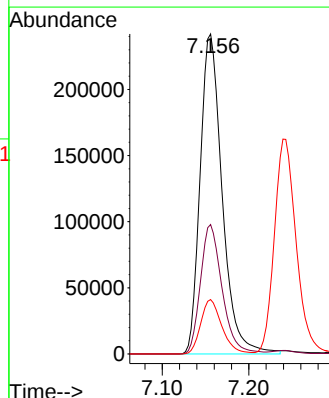
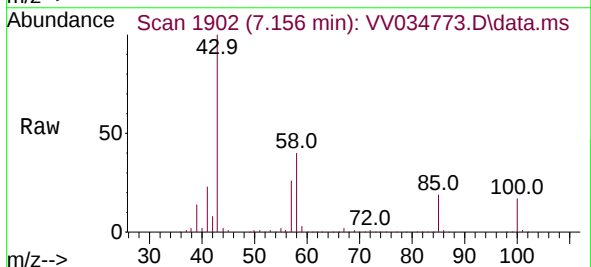
Tgt Ion: 43 Resp: 428226

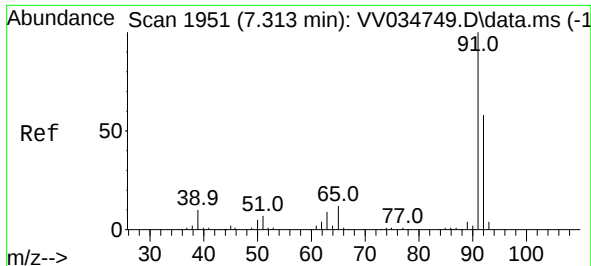
Ion Ratio Lower Upper

43 100

58 39.7 30.6 46.0

100 16.3 12.5 18.7





#42

Toluene

Concen: 49.388 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV034773.D

Acq: 20 Mar 2024 19:19

Instrument :

MSVOA_V

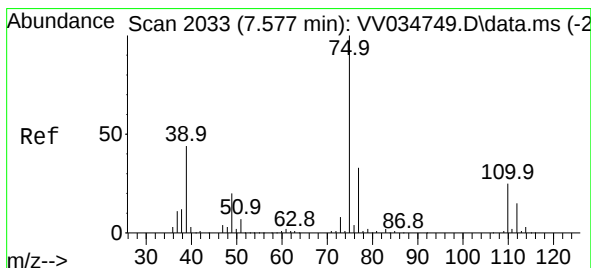
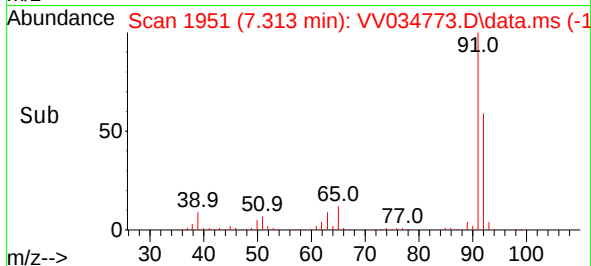
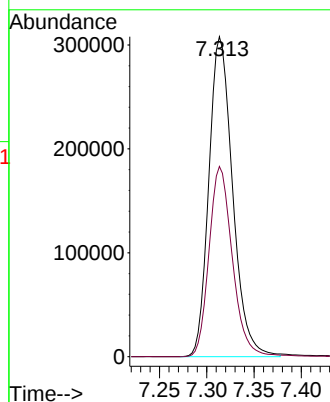
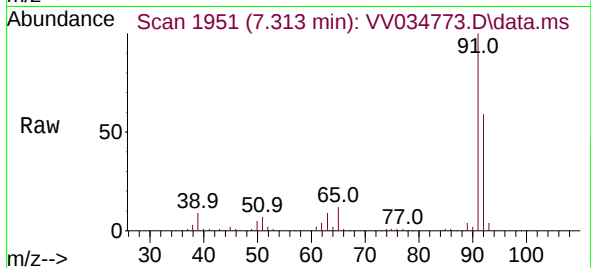
ClientSampleId :

Tgt Ion: 91 Resp: 538310

Ion Ratio Lower Upper

91 100

92 59.4 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 48.449 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV034773.D

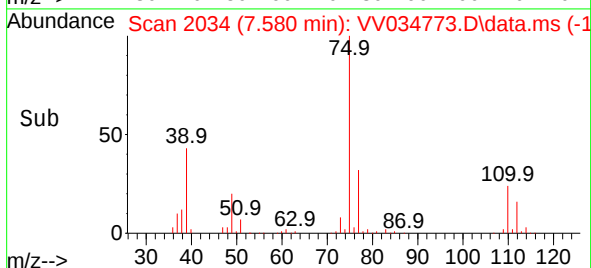
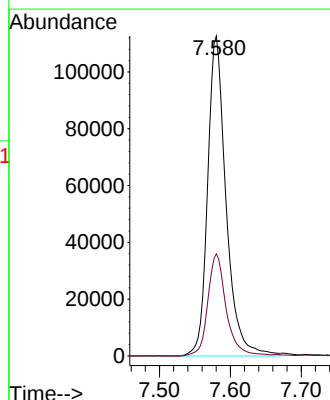
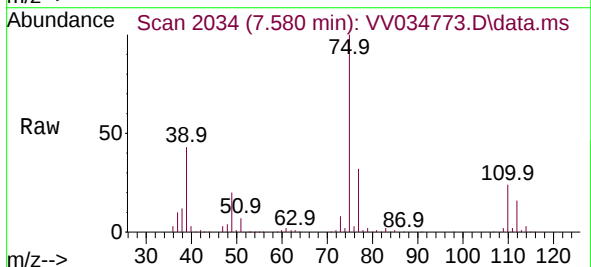
Acq: 20 Mar 2024 19:19

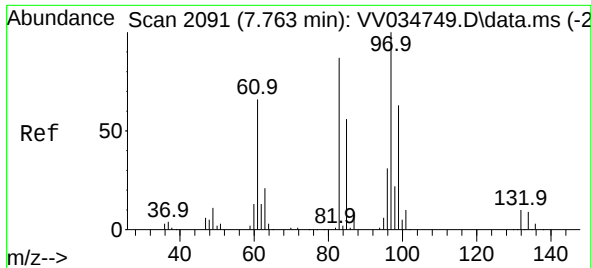
Tgt Ion: 75 Resp: 203561

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.4

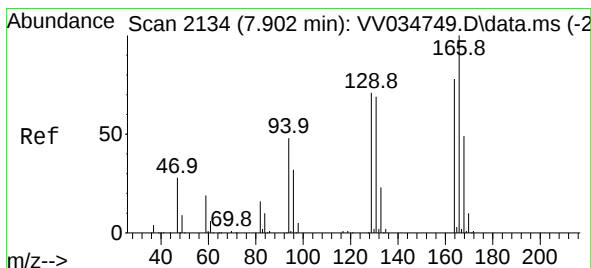
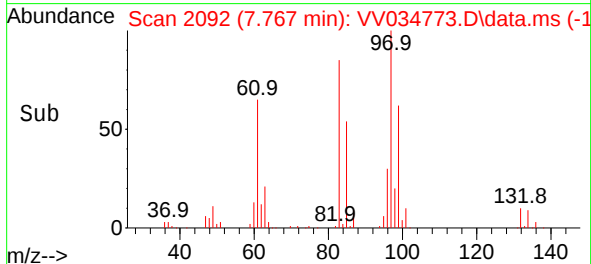
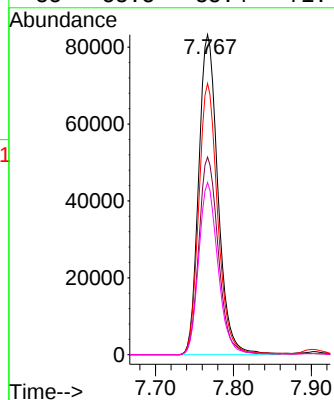
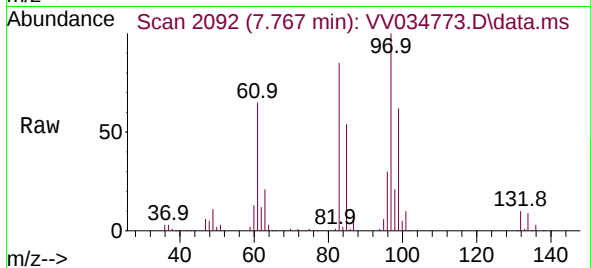




#45
1,1,2-Trichloroethane
Concen: 55.056 ug/L
RT: 7.767 min Scan# 2091
Delta R.T. 0.003 min
Lab File: VV034773.D
Acq: 20 Mar 2024 19:19

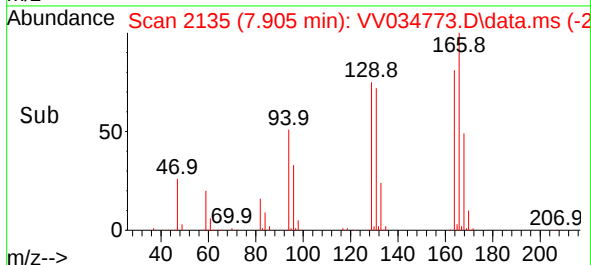
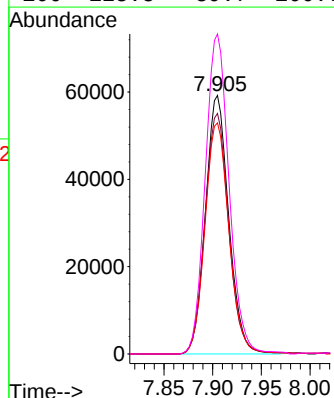
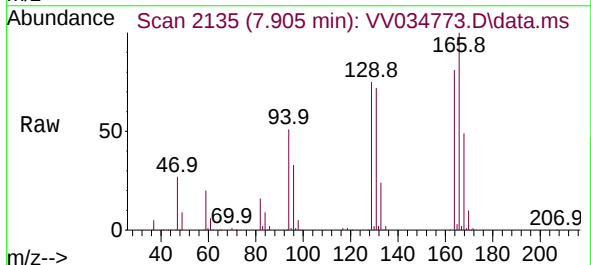
Instrument :
MSVOA_V
ClientSampleId :

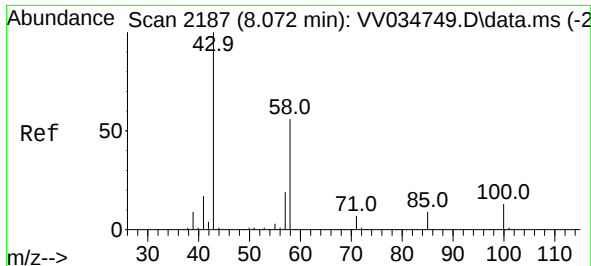
Tgt Ion:	97	Resp:	143233
Ion	Ratio	Lower	Upper
97	100		
99	61.7	43.8	81.4
83	84.7	59.4	110.2
85	53.8	38.4	71.4



#46
Tetrachloroethene
Concen: 45.263 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV034773.D
Acq: 20 Mar 2024 19:19

Tgt Ion:	164	Resp:	98543
Ion	Ratio	Lower	Upper
164	100		
129	93.0	65.7	121.9
131	89.3	62.2	115.6
166	123.8	89.7	166.7





#48

2-Hexanone

Concen: 107.619 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VV034773.D

Acq: 20 Mar 2024 19:19

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 340953

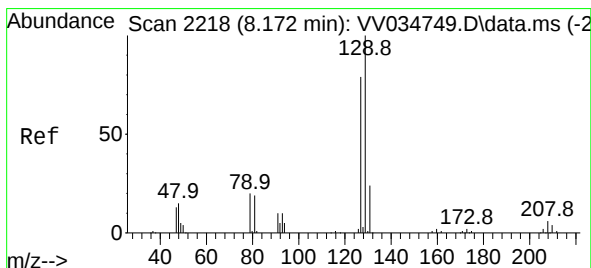
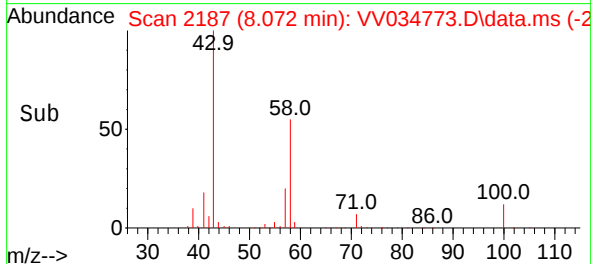
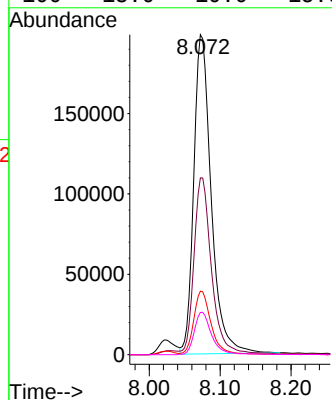
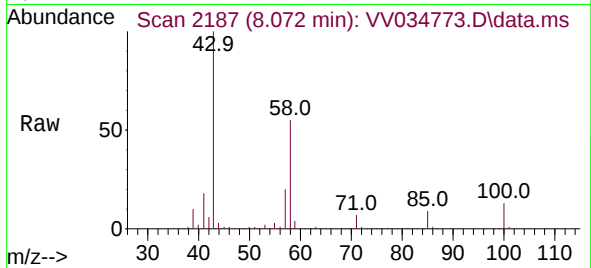
Ion Ratio Lower Upper

43 100

58 55.4 42.0 63.0

57 20.0 15.2 22.8

100 13.0 10.0 15.0



#49

Dibromochloromethane

Concen: 54.654 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.003 min

Lab File: VV034773.D

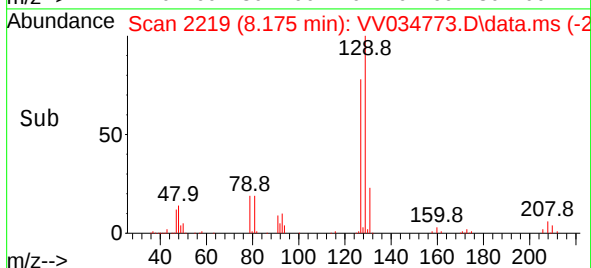
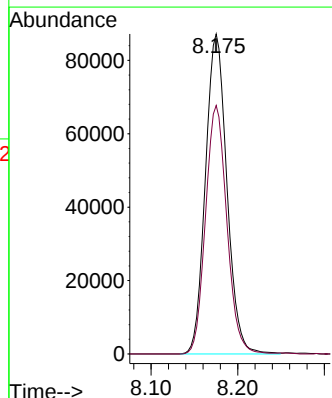
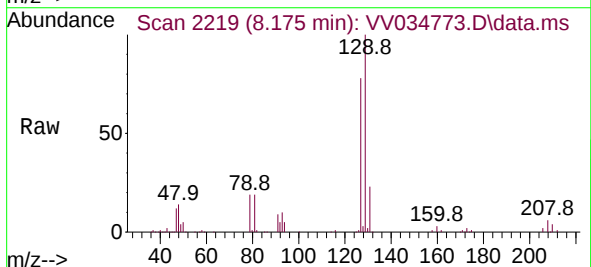
Acq: 20 Mar 2024 19:19

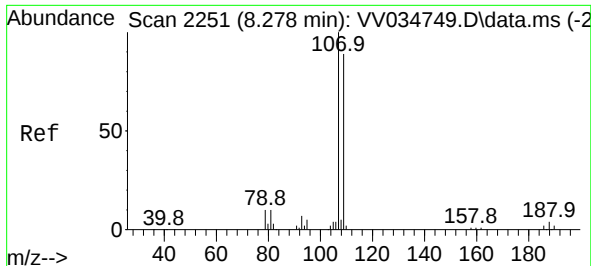
Tgt Ion:129 Resp: 150045

Ion Ratio Lower Upper

129 100

127 77.6 53.3 98.9

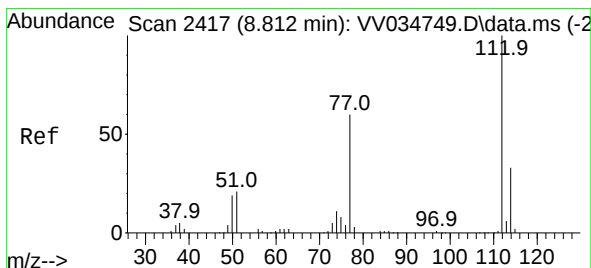
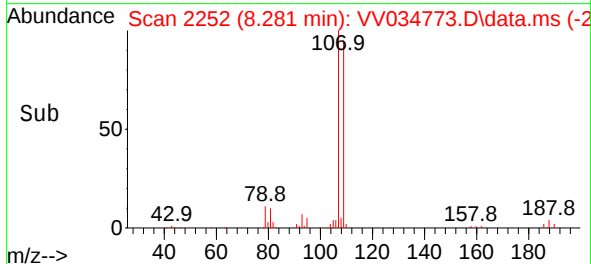
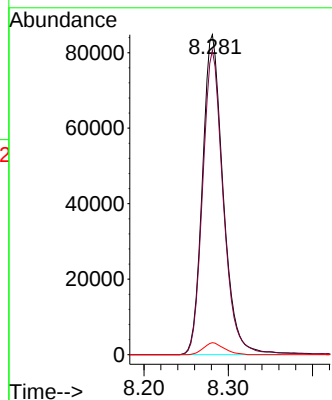
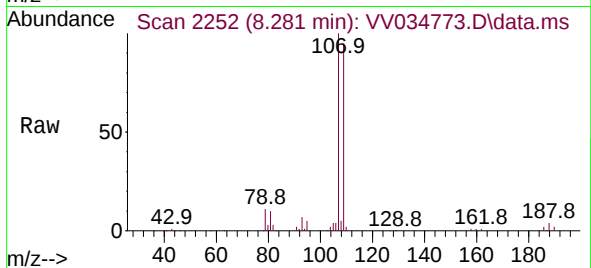




#50
1,2-Dibromoethane
Concen: 52.728 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034773.D
Acq: 20 Mar 2024 19:19

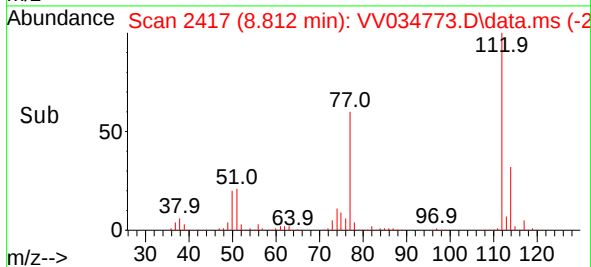
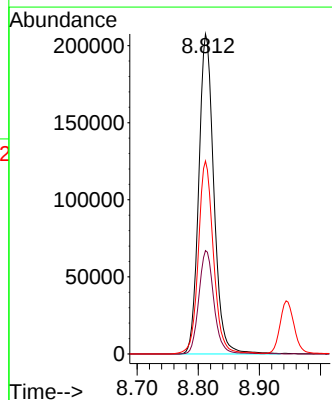
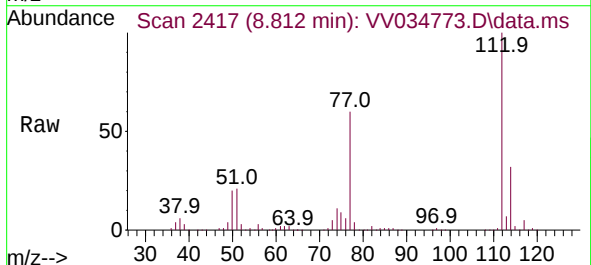
Instrument :
MSVOA_V
ClientSampleId :

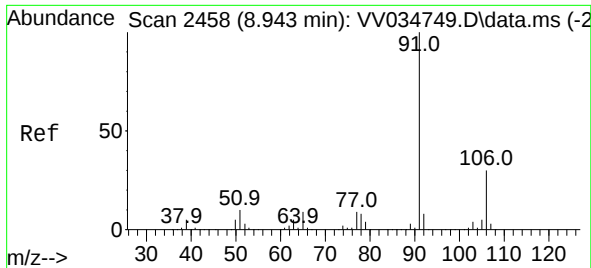
Tgt Ion:107 Resp: 145563
Ion Ratio Lower Upper
107 100
109 95.0 66.5 123.5
188 3.8 3.4 5.2



#51
Chlorobenzene
Concen: 50.482 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV034773.D
Acq: 20 Mar 2024 19:19

Tgt Ion:112 Resp: 355713
Ion Ratio Lower Upper
112 100
114 32.3 22.3 41.5
77 60.3 47.7 71.5





#52

Ethylbenzene

Concen: 50.082 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. 0.000 min

Lab File: VV034773.D

Acq: 20 Mar 2024 19:19

Instrument :

MSVOA_V

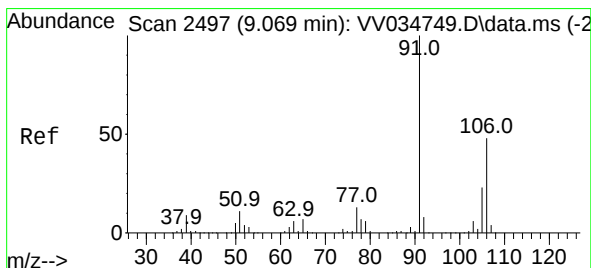
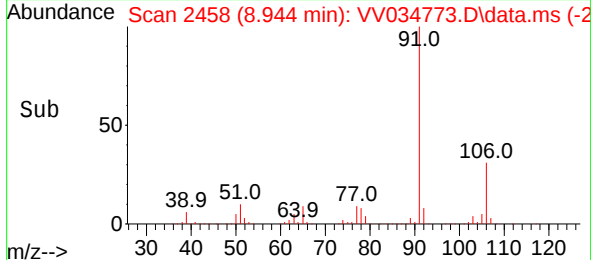
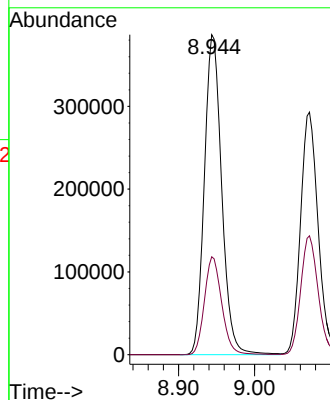
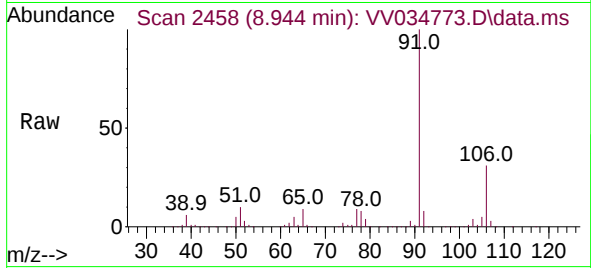
ClientSampleId :

Tgt Ion: 91 Resp: 611645

Ion Ratio Lower Upper

91 100

106 30.6 21.3 39.5



#53

m,p-Xylene

Concen: 49.125 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.003 min

Lab File: VV034773.D

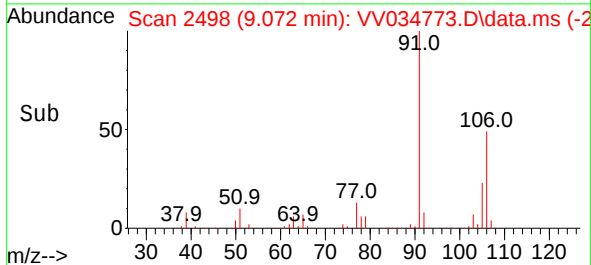
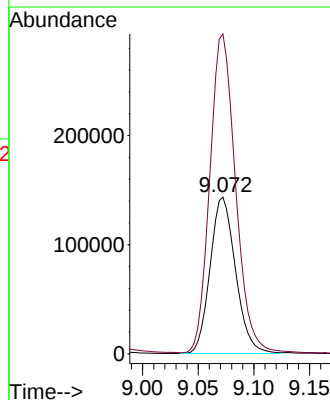
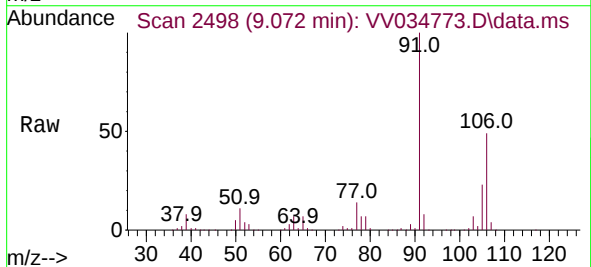
Acq: 20 Mar 2024 19:19

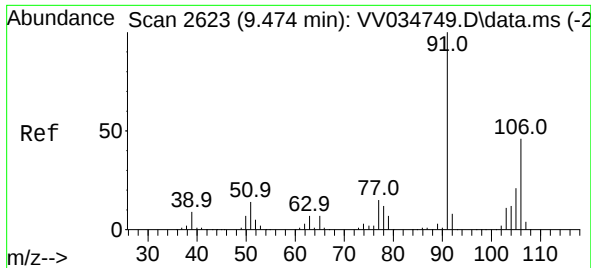
Tgt Ion:106 Resp: 227668

Ion Ratio Lower Upper

106 100

91 204.1 145.3 269.9

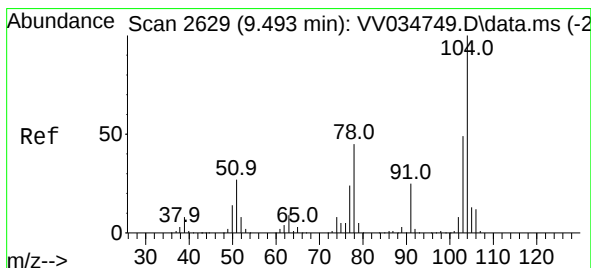
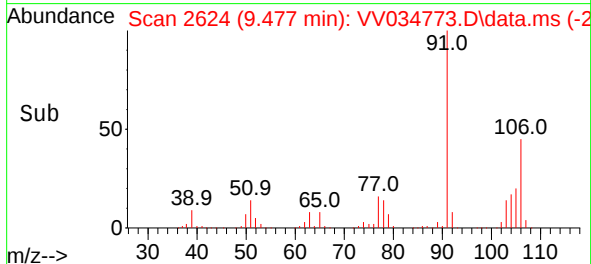
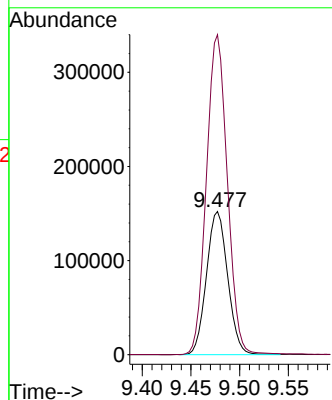
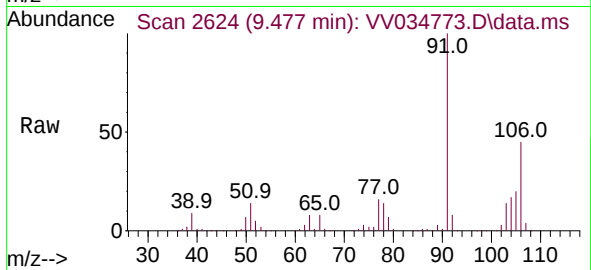




#54
o-Xylene
Concen: 50.944 ug/L
RT: 9.477 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV034773.D
Acq: 20 Mar 2024 19:19

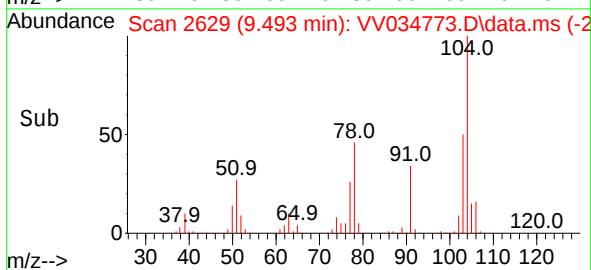
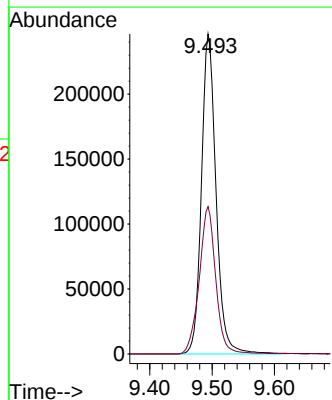
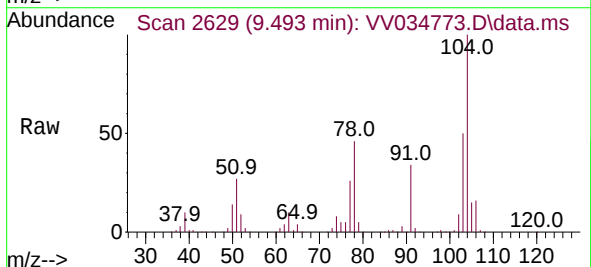
Instrument :
MSVOA_V
ClientSampleId :

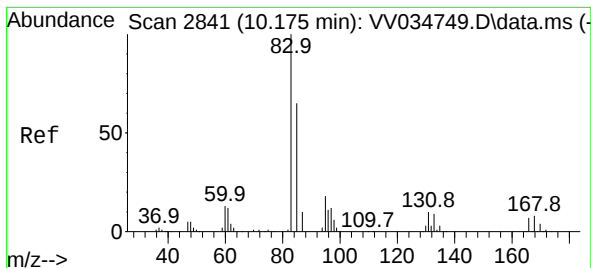
Tgt Ion:106 Resp: 231195
Ion Ratio Lower Upper
106 100
91 223.3 152.2 282.7



#55
Styrene
Concen: 52.283 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV034773.D
Acq: 20 Mar 2024 19:19

Tgt Ion:104 Resp: 401731
Ion Ratio Lower Upper
104 100
78 46.0 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 56.591 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. 0.000 min

Lab File: VV034773.D

Acq: 20 Mar 2024 19:19

Instrument :

MSVOA_V

ClientSampleId :

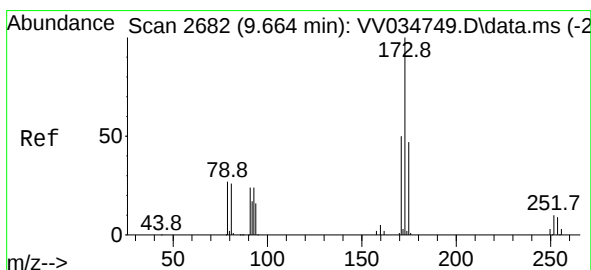
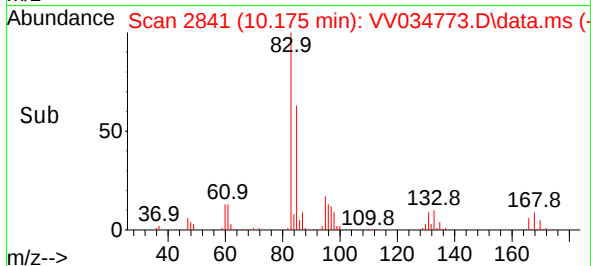
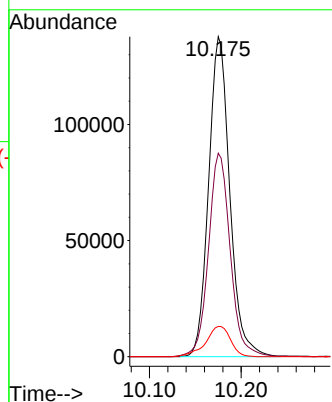
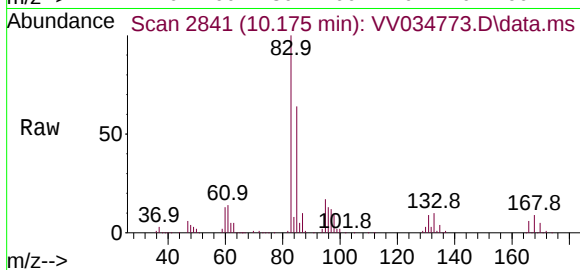
Tgt Ion: 83 Resp: 221125

Ion Ratio Lower Upper

83 100

85 63.6 45.4 84.2

131 9.5 8.3 12.5



#59

Bromoform

Concen: 55.847 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. 0.000 min

Lab File: VV034773.D

Acq: 20 Mar 2024 19:19

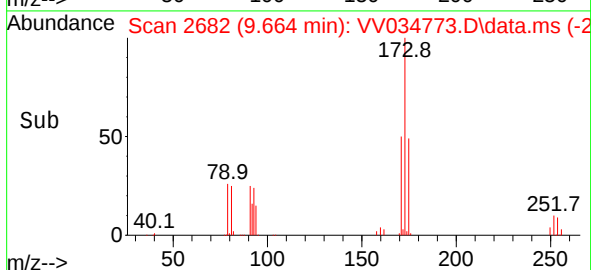
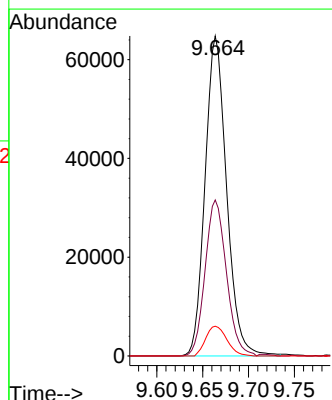
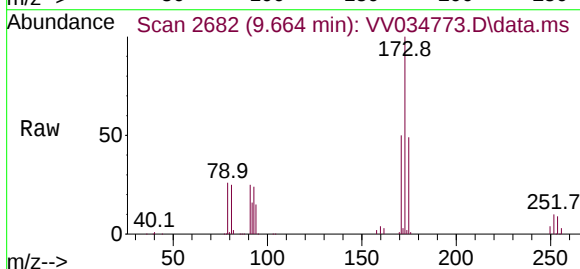
Tgt Ion: 173 Resp: 105957

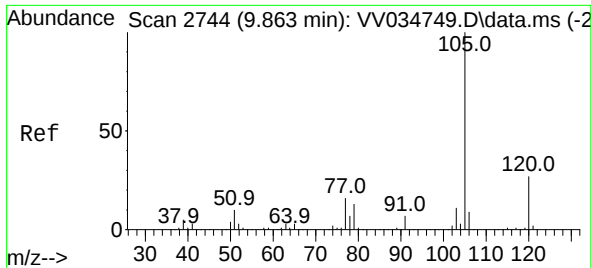
Ion Ratio Lower Upper

173 100

175 48.2 39.1 58.7

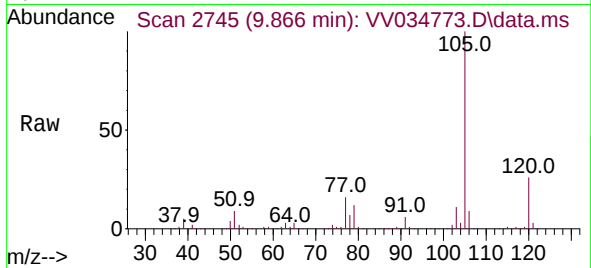
254 9.2 7.8 11.8



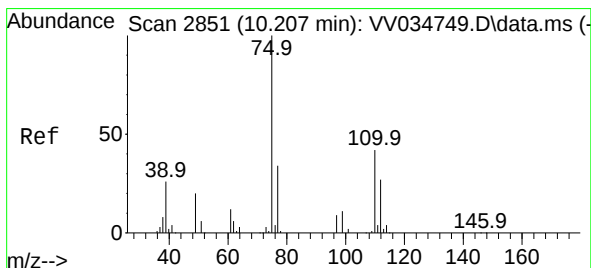
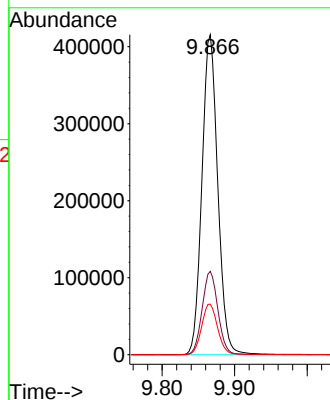
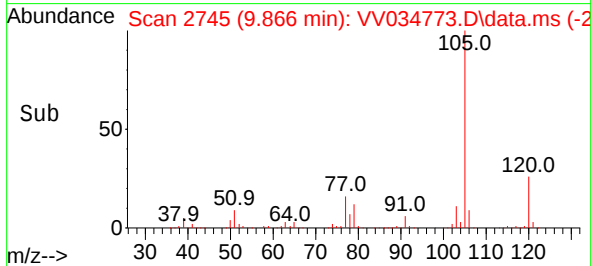


#60
Isopropylbenzene
Concen: 52.062 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034773.D
Acq: 20 Mar 2024 19:19

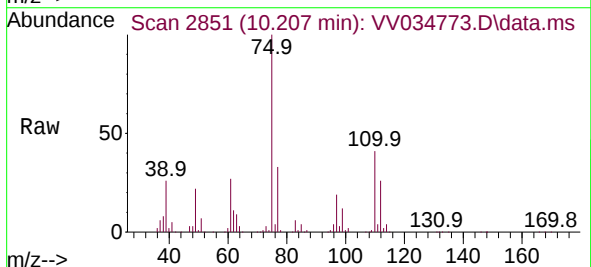
Instrument :
MSVOA_V
ClientSampleId :



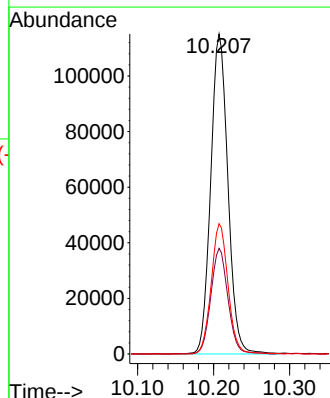
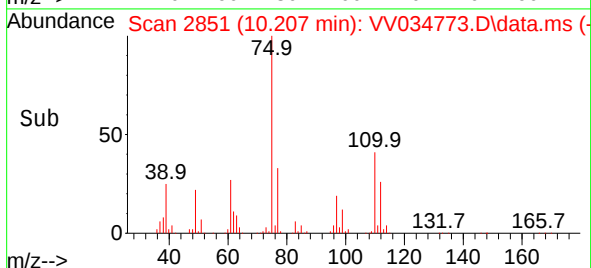
Tgt Ion:105 Resp: 630102
Ion Ratio Lower Upper
105 100
120 25.9 20.8 31.2
77 16.0 13.0 19.6

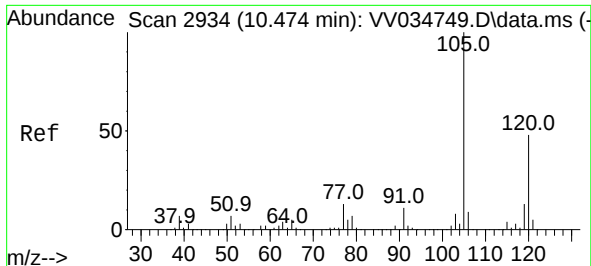


#61
1,2,3-Trichloropropane
Concen: 55.317 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV034773.D
Acq: 20 Mar 2024 19:19



Tgt Ion: 75 Resp: 180696
Ion Ratio Lower Upper
75 100
77 32.7 25.9 38.9
110 39.9 33.1 49.7





#62

1,3,5-Trimethylbenzene

Concen: 51.190 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV034773.D

Acq: 20 Mar 2024 19:19

Instrument :

MSVOA_V

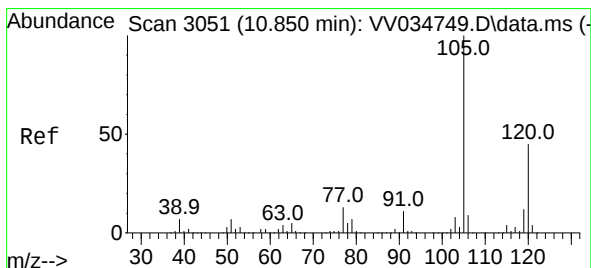
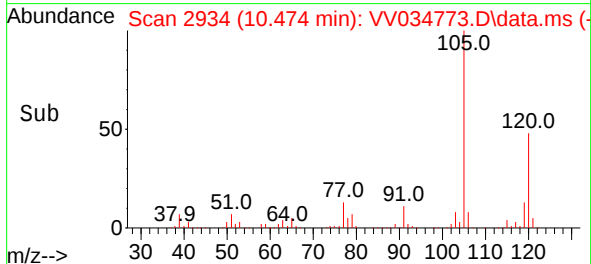
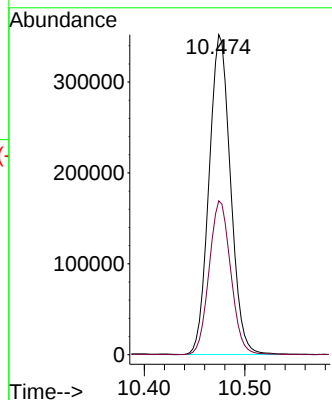
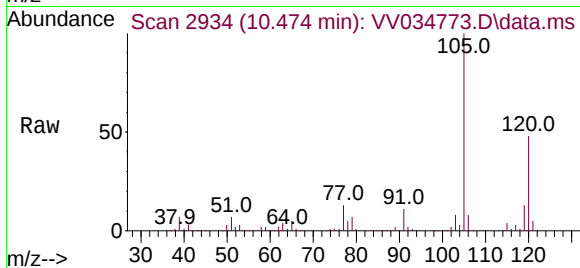
ClientSampleId :

Tgt Ion:105 Resp: 522613

Ion Ratio Lower Upper

105 100

120 48.5 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 52.367 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV034773.D

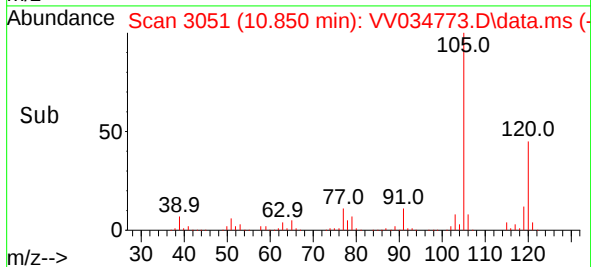
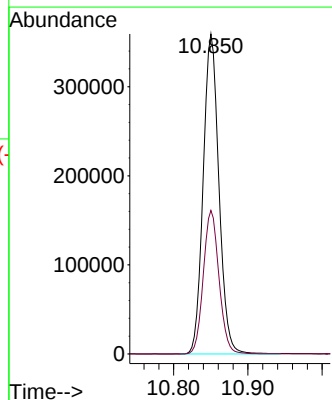
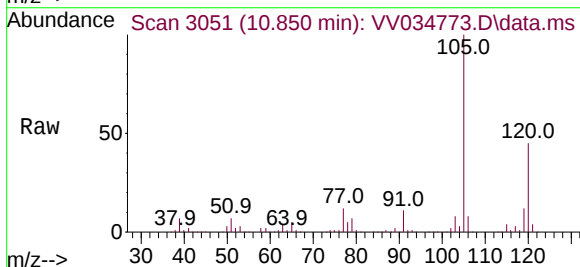
Acq: 20 Mar 2024 19:19

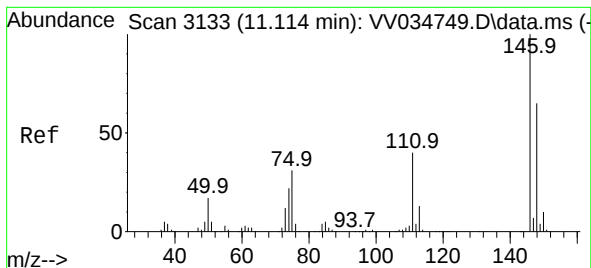
Tgt Ion:105 Resp: 528772

Ion Ratio Lower Upper

105 100

120 44.6 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 51.268 ug/L

RT: 11.117 min Scan# 3133

Delta R.T. 0.003 min

Lab File: VV034773.D

Acq: 20 Mar 2024 19:19

Instrument :

MSVOA_V

ClientSampleId :

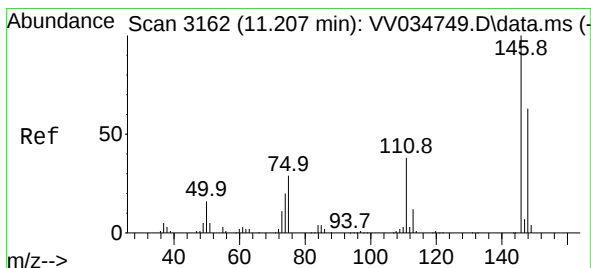
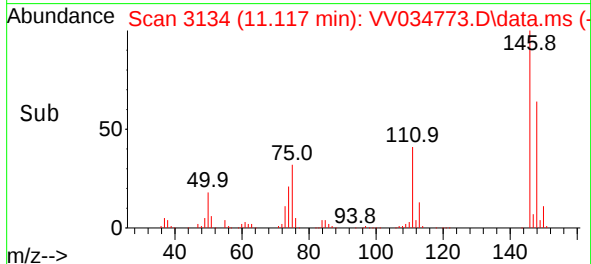
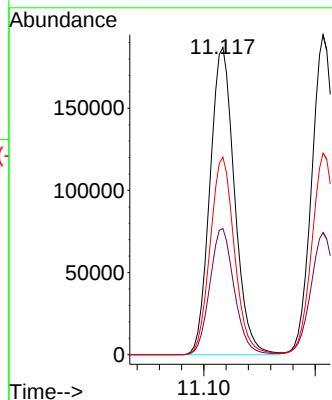
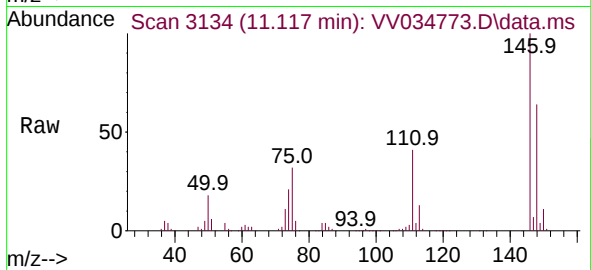
Tgt Ion:146 Resp: 286888

Ion Ratio Lower Upper

146 100

111 41.1 27.9 51.7

148 64.3 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 52.854 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV034773.D

Acq: 20 Mar 2024 19:19

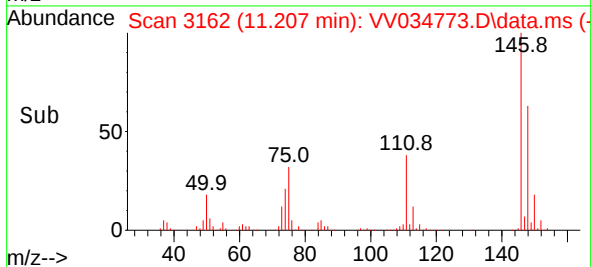
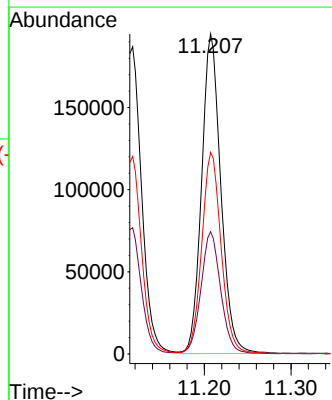
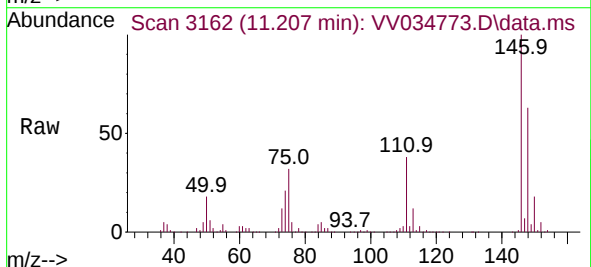
Tgt Ion:146 Resp: 300350

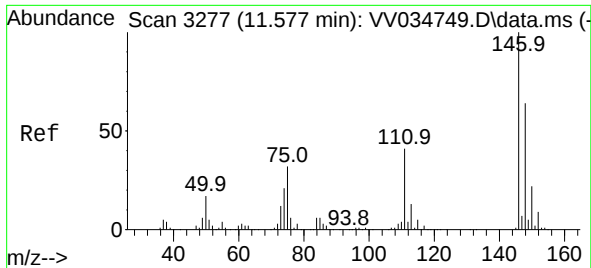
Ion Ratio Lower Upper

146 100

111 38.2 26.5 49.1

148 63.0 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 53.854 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV034773.D

Acq: 20 Mar 2024 19:19

Instrument :

MSVOA_V

ClientSampleId :

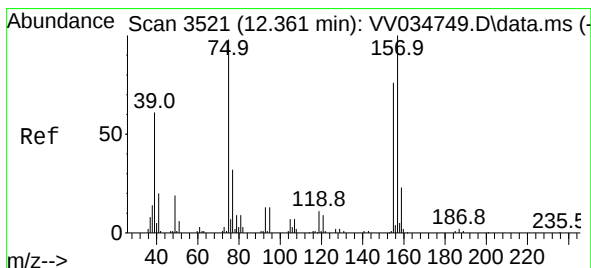
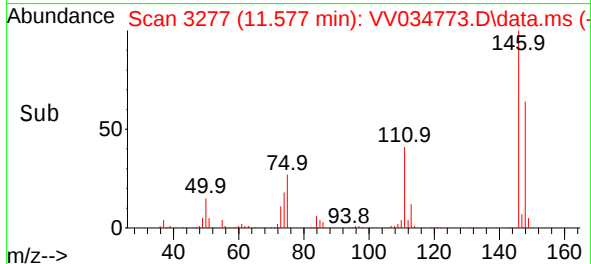
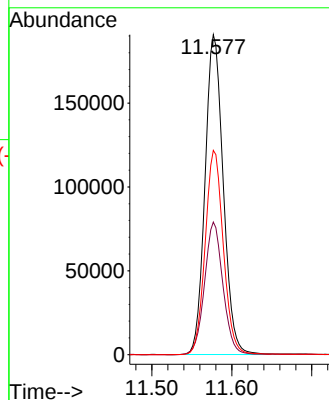
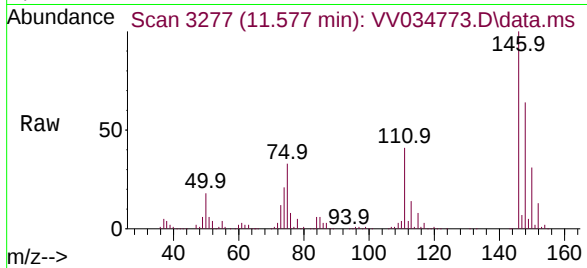
Tgt Ion:146 Resp: 301974

Ion Ratio Lower Upper

146 100

111 41.4 33.8 50.8

148 63.9 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 55.698 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV034773.D

Acq: 20 Mar 2024 19:19

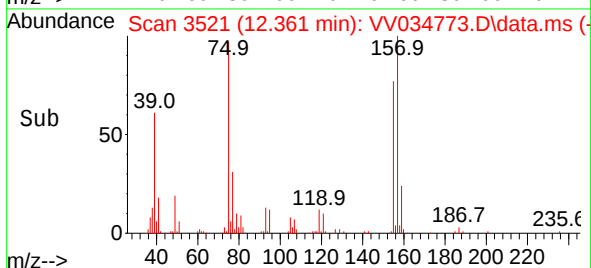
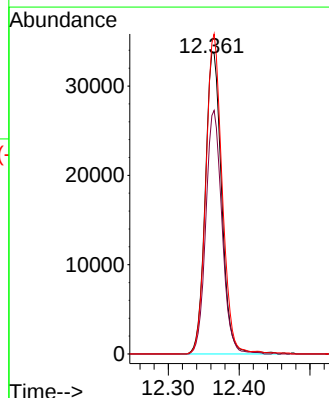
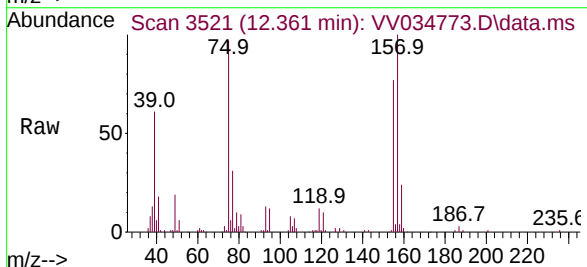
Tgt Ion: 75 Resp: 54198

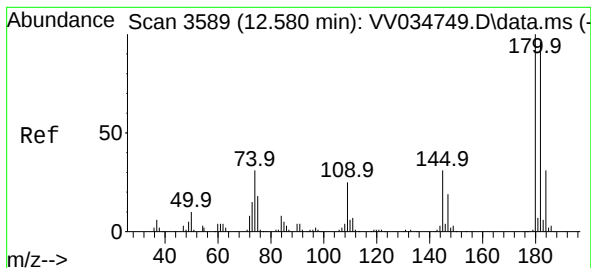
Ion Ratio Lower Upper

75 100

155 79.0 63.3 94.9

157 103.1 81.4 122.0





#69

1,3,5-Trichlorobenzene

Concen: 48.250 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.003 min

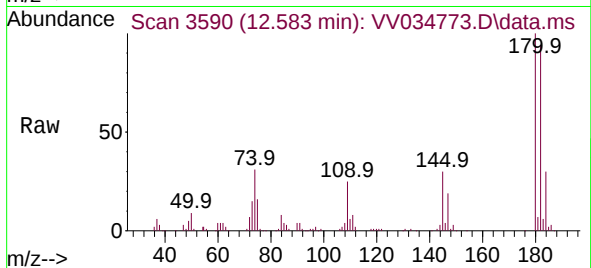
Lab File: VV034773.D

Acq: 20 Mar 2024 19:19

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 202550

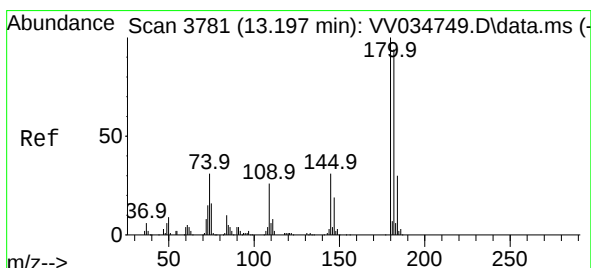
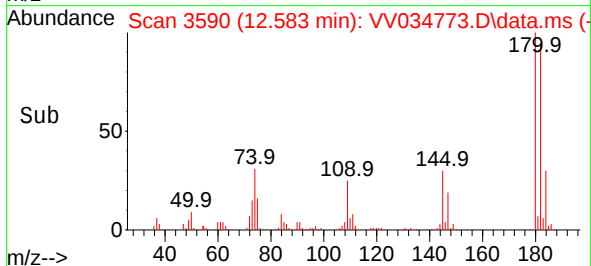
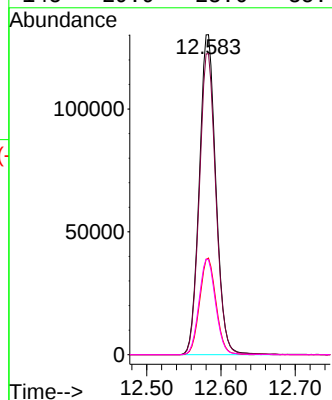
Ion Ratio Lower Upper

180 100

182 94.1 74.6 112.0

184 29.7 23.6 35.4

145 29.9 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 48.760 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034773.D

Acq: 20 Mar 2024 19:19

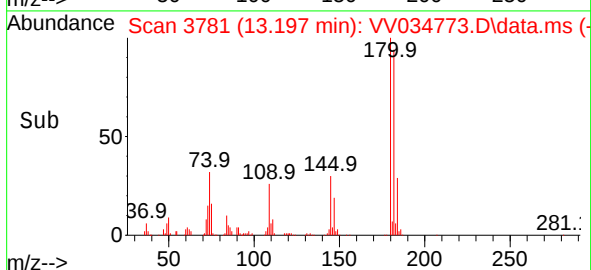
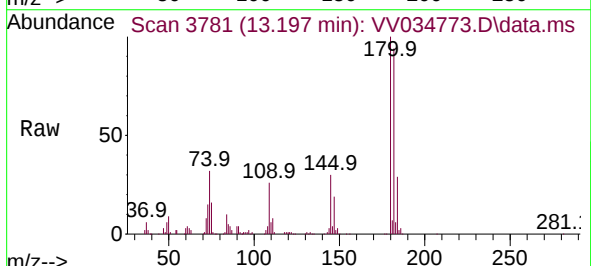
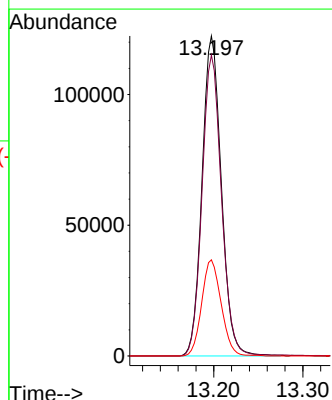
Tgt Ion:180 Resp: 184183

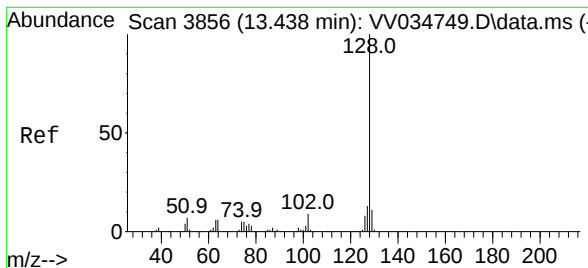
Ion Ratio Lower Upper

180 100

182 94.3 74.8 112.2

145 30.3 24.2 36.4





#71

Naphthalene

Concen: 51.040 ug/L

RT: 13.438 min Scan# 3856

Delta R.T. 0.000 min

Lab File: VV034773.D

Acq: 20 Mar 2024 19:19

Instrument :

MSVOA_V

ClientSampleId :

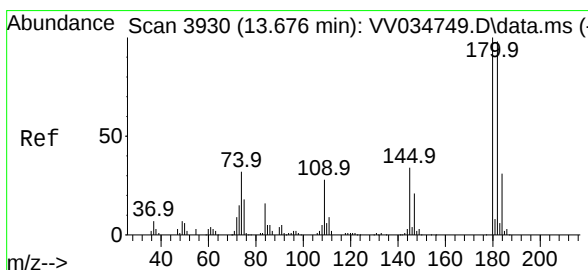
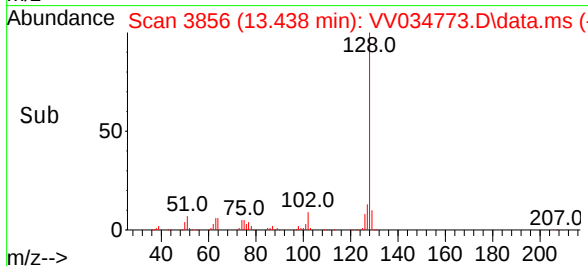
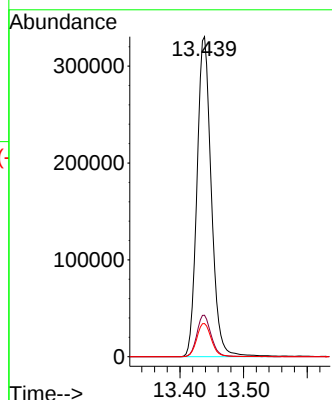
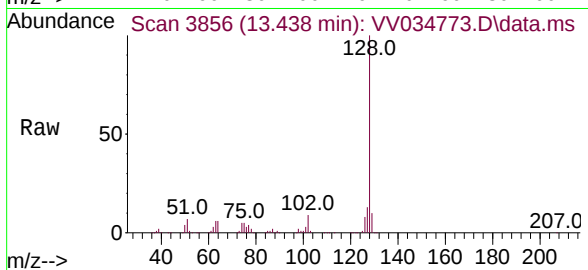
Tgt Ion:128 Resp: 515711

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.6 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 51.892 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV034773.D

Acq: 20 Mar 2024 19:19

Tgt Ion:180 Resp: 191218

Ion Ratio Lower Upper

180 100

182 93.4 75.9 113.9

145 32.2 25.5 38.3

