

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032024\
 Data File : VV034749.D
 Acq On : 20 Mar 2024 08:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 21 02:12:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 20 01:19:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	345436	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	332911	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	174342	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	139123	46.458	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.920%
7) Chloroethane-d5	1.532	69	115099	49.336	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.680%
11) 1,1-Dichloroethene-d2	2.059	65	61776	45.615	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.240%
21) 2-Butanone-d5	3.789	46	196035	97.891	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.890%
24) Chloroform-d	4.246	84	280612	52.998	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.000%
26) 1,2-Dichloroethane-d4	4.937	65	184091	53.206	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.420%
32) Benzene-d6	4.956	84	527127	52.464	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.920%
36) 1,2-Dichloropropane-d6	5.985	67	155591	50.743	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.480%
41) Toluene-d8	7.239	98	468401	51.516	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.040%
43) trans-1,3-Dichloroprop...	7.548	79	79058	51.344	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.680%
47) 2-Hexanone-d5	8.024	63	121448	79.318	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.320%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	206033	51.060	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.120%
66) 1,2-Dichlorobenzene-d4	11.557	152	177729	49.873	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	140532	38.785	ug/L	99
3) Chloromethane	1.217	50	142499	40.023	ug/L	99
5) Vinyl chloride	1.285	62	139778	40.444	ug/L	99
6) Bromomethane	1.490	94	90357	43.575	ug/L	98
8) Chloroethane	1.548	64	91761	44.670	ug/L	98
9) Trichlorofluoromethane	1.712	101	217683	42.060	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	121591	43.590	ug/L	98
12) 1,1-Dichloroethene	2.069	96	110412	42.686	ug/L	94
13) Acetone	2.121	43	151402	62.889	ug/L	100
14) Carbon disulfide	2.240	76	278675	38.820	ug/L	100
15) Methyl Acetate	2.375	43	166140	53.943	ug/L	98
16) Methylene chloride	2.445	84	147057	53.598	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	120211	48.016	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	496002	55.168	ug/L	99
19) 1,1-Dichloroethane	3.108	63	261779	53.377	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	145791	53.671	ug/L	98
22) 2-Butanone	3.870	43	207245	87.177	ug/L	95
23) Bromochloromethane	4.146	128	76817	54.689	ug/L	97
25) Chloroform	4.272	83	270840	53.281	ug/L	100

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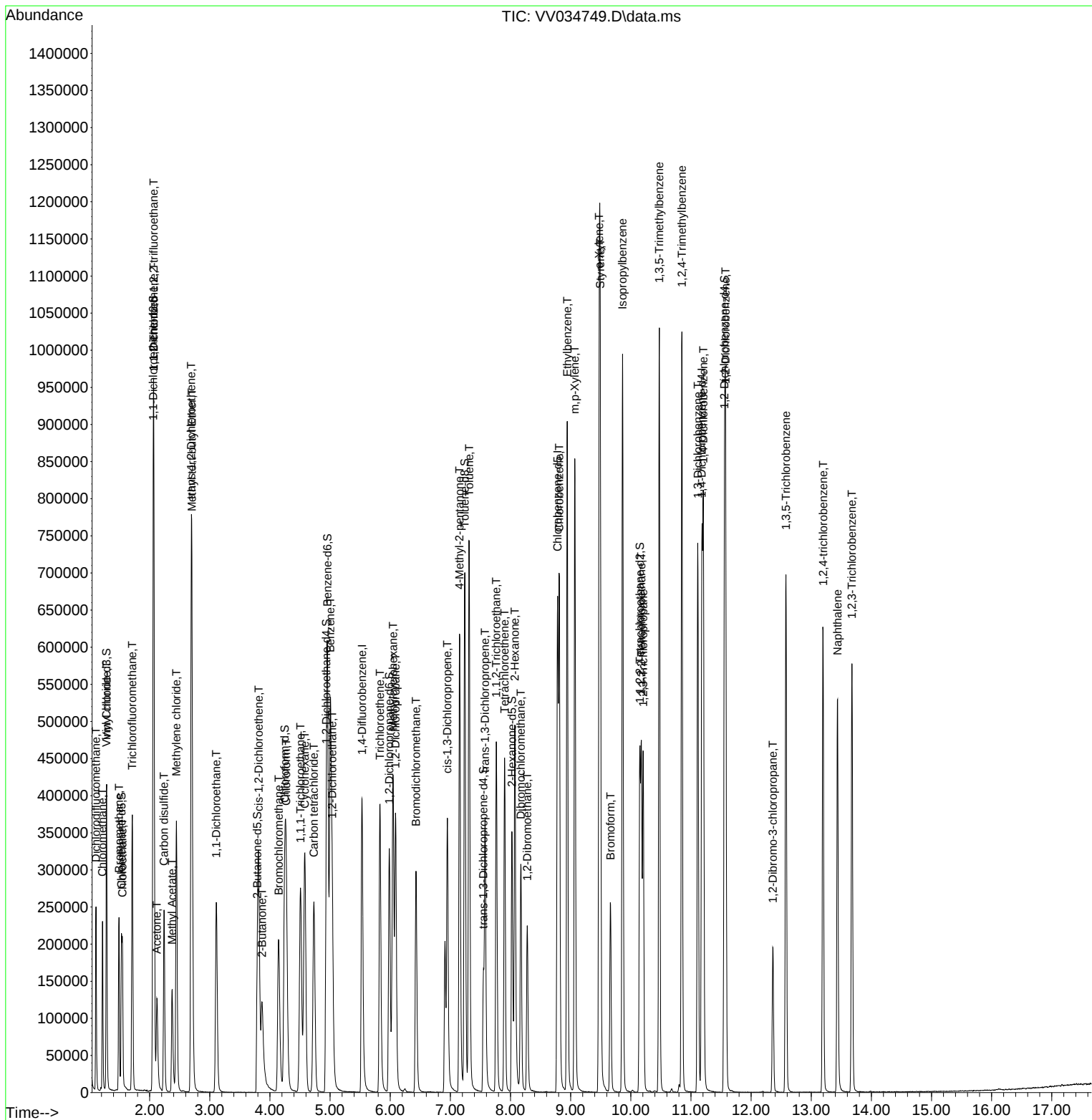
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 MSVOA_V
 ClientSampleId :

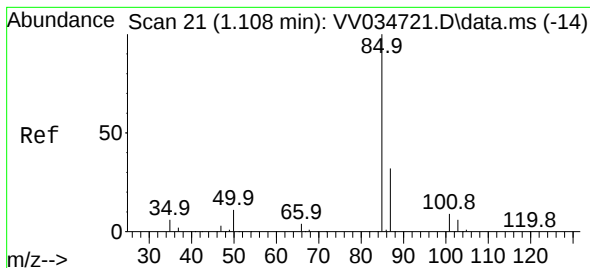
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	221681	53.676	ug/L	98
29) Cyclohexane	4.580	56	182201	41.609	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	230160	48.212	ug/L	100
31) Carbon tetrachloride	4.731	117	195751	46.314	ug/L	98
33) Benzene	5.005	78	520783	50.397	ug/L	100
34) Trichloroethene	5.831	95	135509	46.133	ug/L	97
35) Methylcyclohexane	6.046	83	179956	40.299	ug/L	99
37) 1,2-Dichloropropane	6.088	63	139009	51.381	ug/L	98
38) Bromodichloromethane	6.429	83	199376	52.392	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	219233	50.015	ug/L	97
40) 4-Methyl-2-pentanone	7.153	43	409671	102.692	ug/L	98
42) Toluene	7.313	91	541202	49.486	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	212734	50.462	ug/L	97
45) 1,1,2-Trichloroethane	7.763	97	141460	54.192	ug/L	98
46) Tetrachloroethene	7.902	164	99546	45.569	ug/L	99
48) 2-Hexanone	8.072	43	317222	99.791	ug/L	97
49) Dibromochloromethane	8.172	129	150686	54.702	ug/L	96
50) 1,2-Dibromoethane	8.278	107	147479	53.242	ug/L	95
51) Chlorobenzene	8.812	112	357260	50.530	ug/L	99
52) Ethylbenzene	8.943	91	605287	49.394	ug/L	100
53) m,p-Xylene	9.069	106	225498	48.492	ug/L	100
54) o-Xylene	9.474	106	231341	50.805	ug/L	99
55) Styrene	9.493	104	408479	52.982	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	212074	54.091	ug/L	100
59) Bromoform	9.664	173	110804	57.324	ug/L	99
60) Isopropylbenzene	9.863	105	616742	50.018	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	173002	51.984	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	522894	50.272	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	530893	51.607	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	290288	50.918	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	297048	51.309	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	293528	51.382	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	49135	49.564	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	206503	48.284	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	180747	46.967	ug/L	98
71) Naphthalene	13.438	128	411693	39.993	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	172628	45.982	ug/L	100

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

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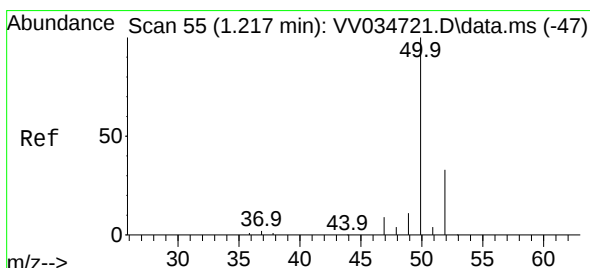
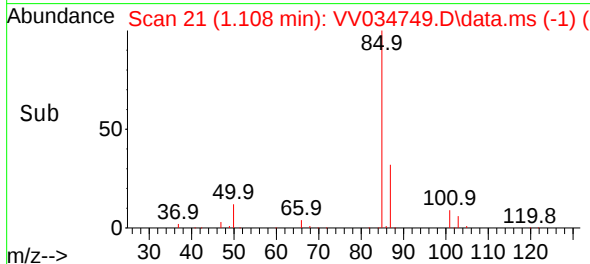
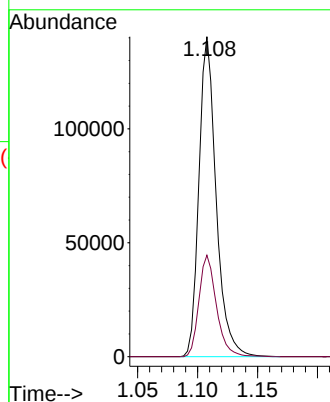
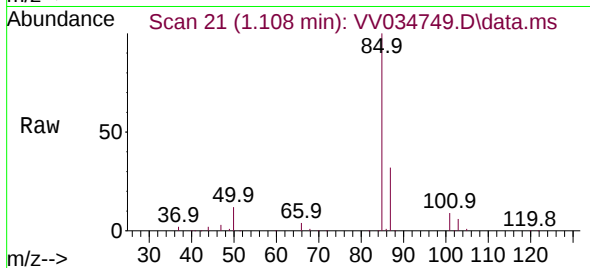




#2
Dichlorodifluoromethane
Concen: 38.785 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034749.D
Acq: 20 Mar 2024 08:51

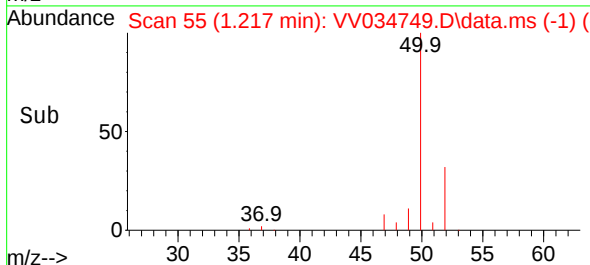
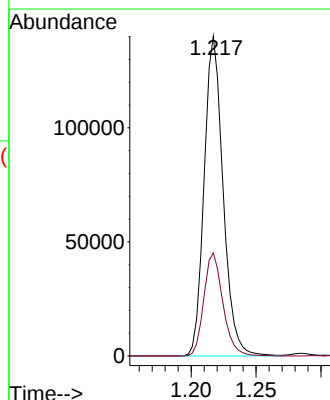
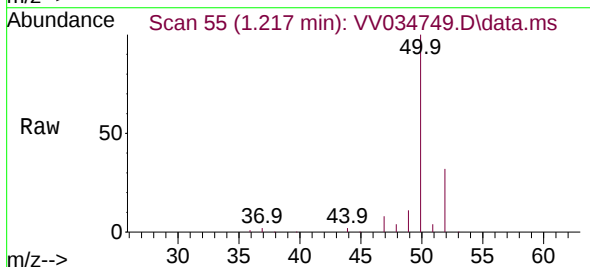
Instrument :
MSVOA_V
ClientSampleId :

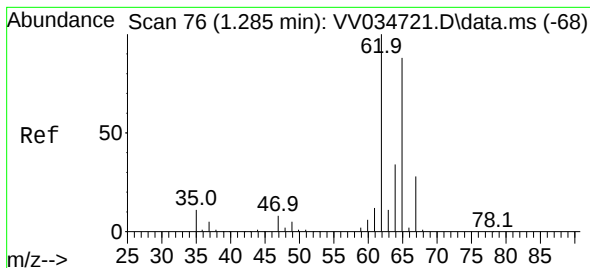
Tgt Ion: 85 Resp: 140532
Ion Ratio Lower Upper
85 100
87 32.2 25.5 38.3



#3
Chloromethane
Concen: 40.023 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV034749.D
Acq: 20 Mar 2024 08:51

Tgt Ion: 50 Resp: 142499
Ion Ratio Lower Upper
50 100
52 32.2 23.0 42.8





#5

Vinyl chloride

Concen: 40.444 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV034749.D

Acq: 20 Mar 2024 08:51

Instrument :

MSVOA_V

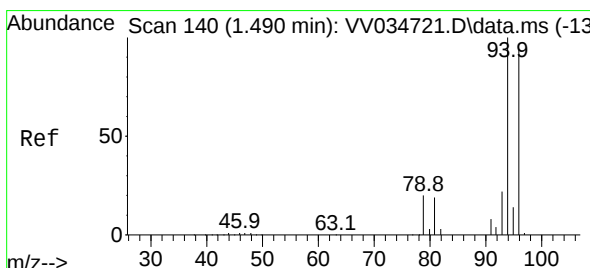
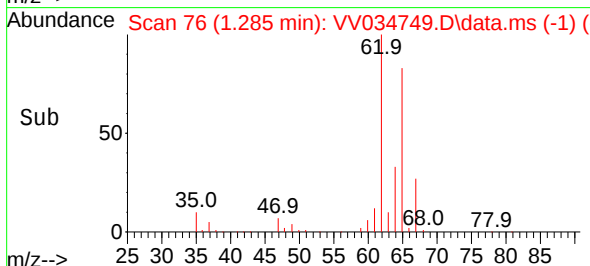
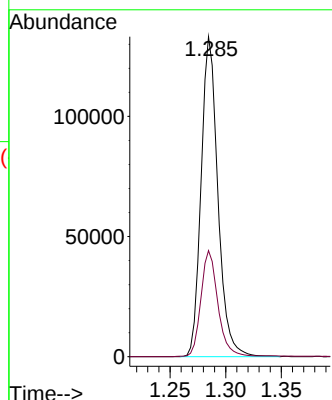
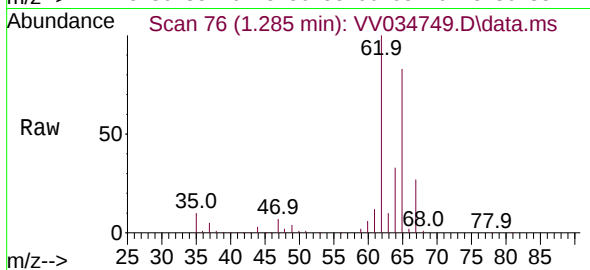
ClientSampleId :

Tgt Ion: 62 Resp: 139778

Ion Ratio Lower Upper

62 100

64 33.2 23.4 43.6



#6

Bromomethane

Concen: 43.575 ug/L

RT: 1.490 min Scan# 140

Delta R.T. -0.000 min

Lab File: VV034749.D

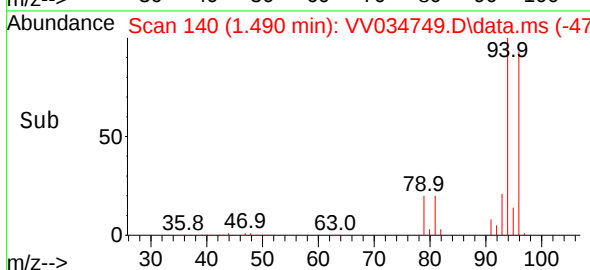
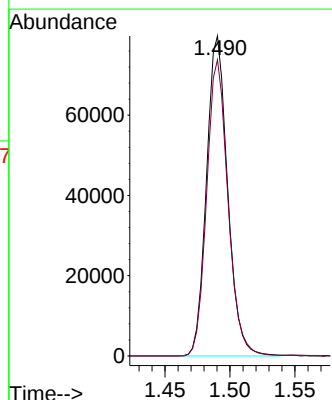
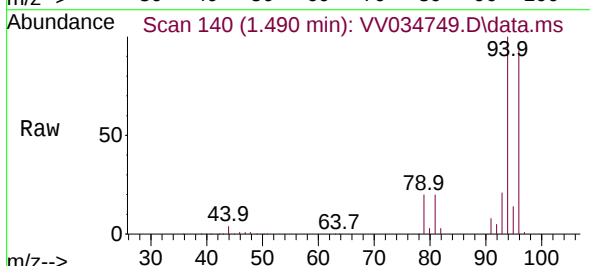
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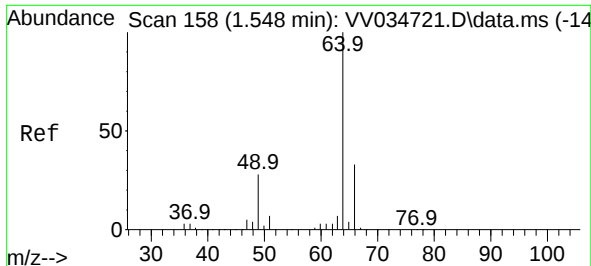
Tgt Ion: 94 Resp: 90357

Ion Ratio Lower Upper

94 100

96 92.6 66.0 122.6

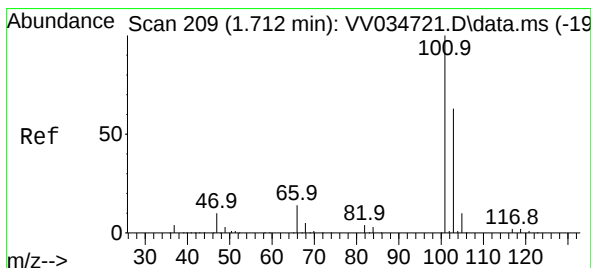
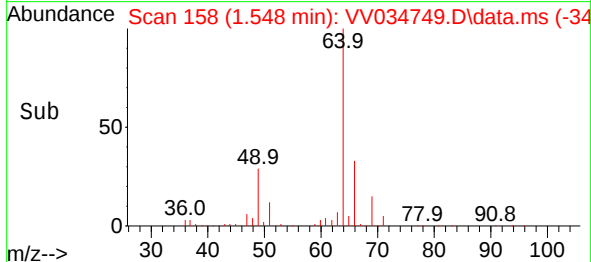
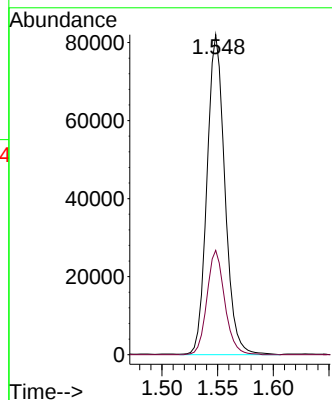
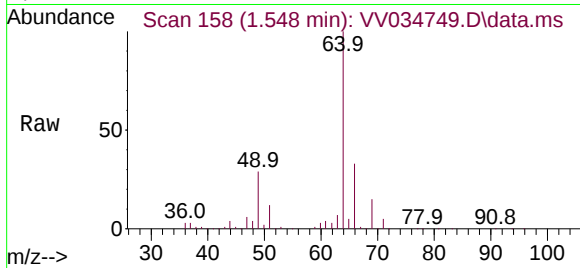




#8
Chloroethane
Concen: 44.670 ug/L
RT: 1.548 min Scan# 158
Delta R.T. -0.000 min
Lab File: VV034749.D
Acq: 20 Mar 2024 08:51

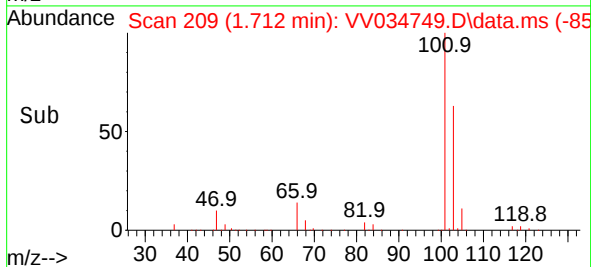
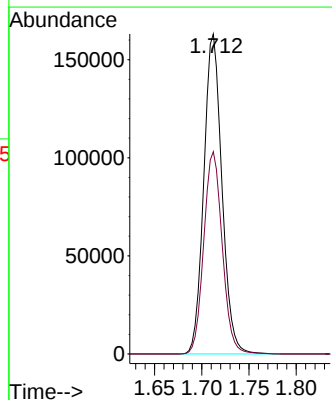
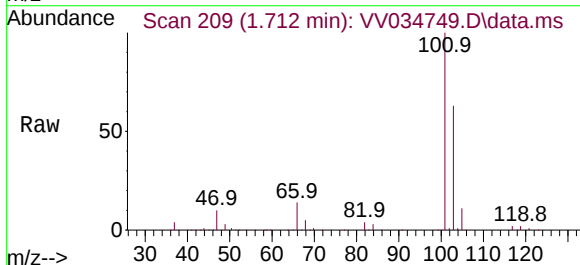
Instrument :
MSVOA_V
ClientSampleId :

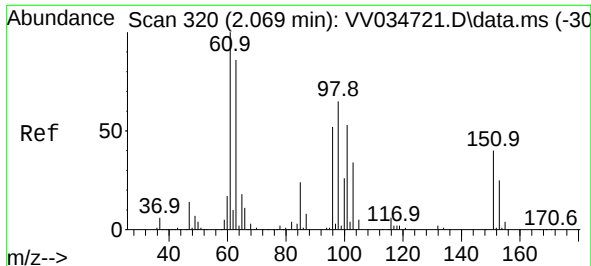
Tgt Ion: 64 Resp: 91761
Ion Ratio Lower Upper
64 100
66 32.6 22.0 40.8



#9
Trichlorofluoromethane
Concen: 42.060 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV034749.D
Acq: 20 Mar 2024 08:51

Tgt Ion:101 Resp: 217683
Ion Ratio Lower Upper
101 100
103 64.3 51.8 77.8

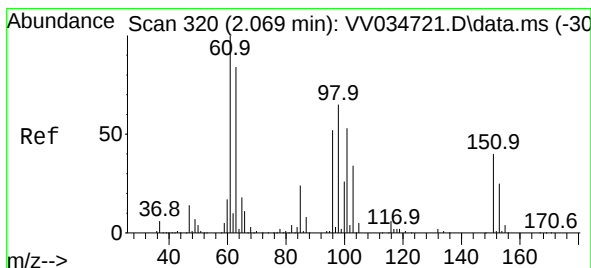
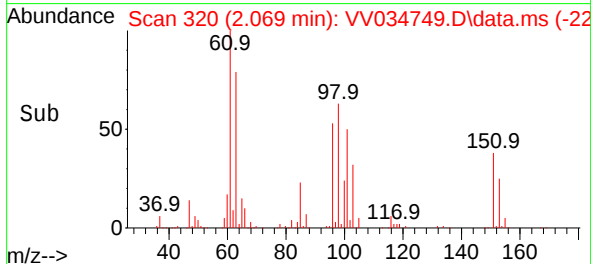
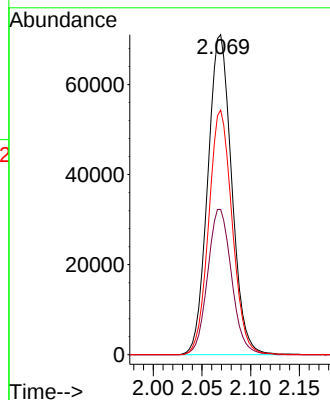
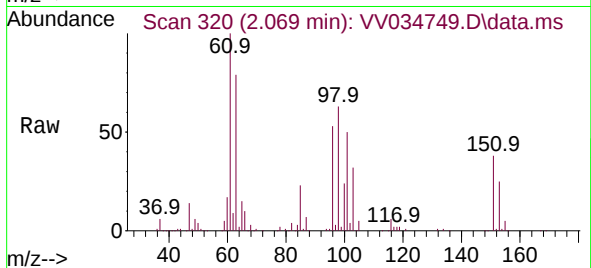




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 43.590 ug/L
RT: 2.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV034749.D
Acq: 20 Mar 2024 08:51

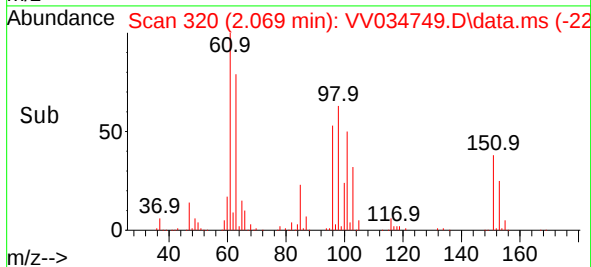
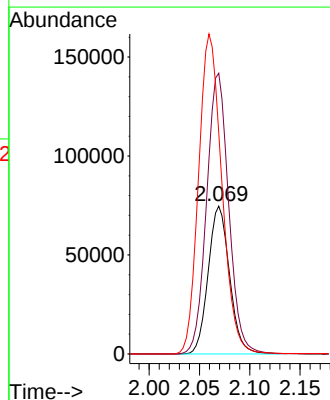
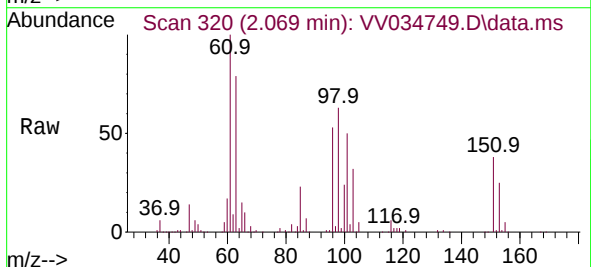
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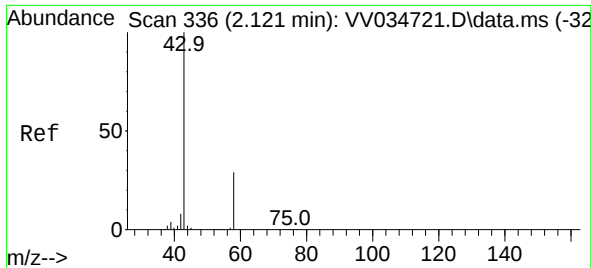
Tgt Ion:101 Resp: 121591
Ion Ratio Lower Upper
101 100
85 45.4 37.4 56.0
151 75.0 61.4 92.2



#12
1,1-Dichloroethene
Concen: 42.686 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV034749.D
Acq: 20 Mar 2024 08:51

Tgt Ion: 96 Resp: 110412
Ion Ratio Lower Upper
96 100
61 190.0 128.9 239.3
63 149.6 98.0 182.0





#13

Acetone

Concen: 62.889 ug/L

RT: 2.121 min Scan# 336

Delta R.T. -0.000 min

Lab File: VV034749.D

Acq: 20 Mar 2024 08:51

Instrument :

MSVOA_V

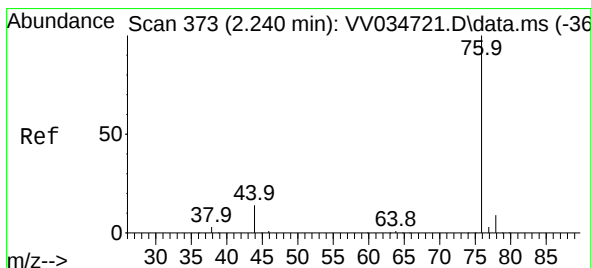
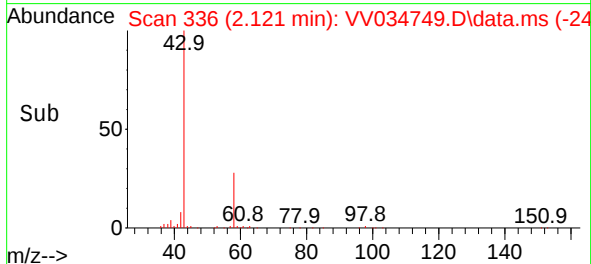
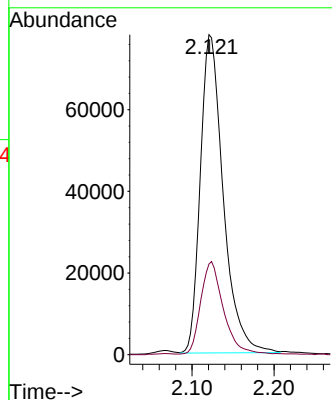
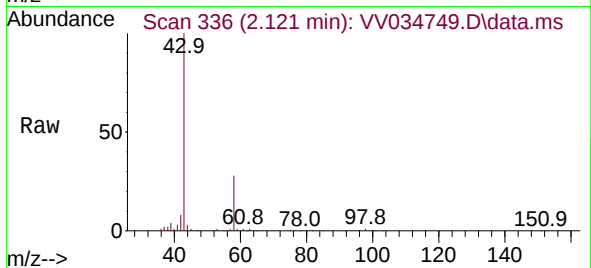
ClientSampleId :

Tgt Ion: 43 Resp: 151402

Ion Ratio Lower Upper

43 100

58 28.7 0.0 57.2



#14

Carbon disulfide

Concen: 38.820 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV034749.D

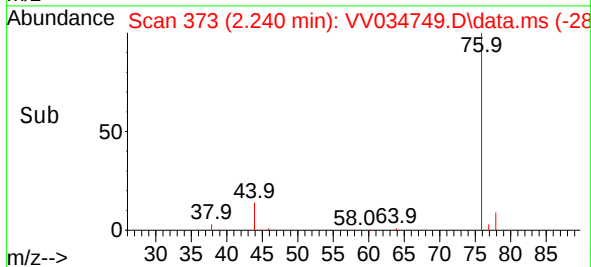
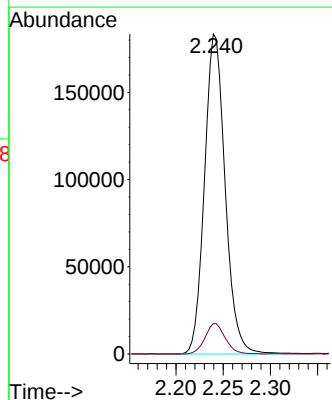
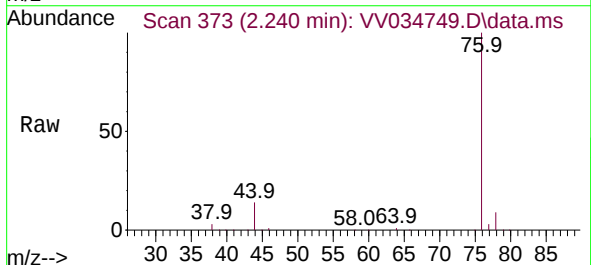
Acq: 20 Mar 2024 08:51

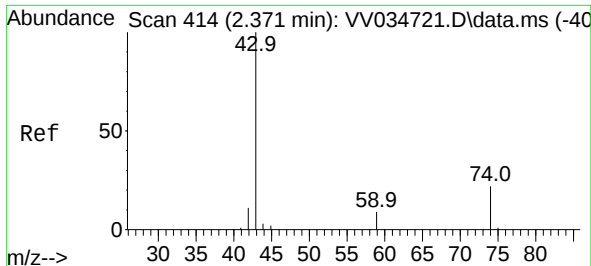
Tgt Ion: 76 Resp: 278675

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3





#15

Methyl Acetate

Concen: 53.943 ug/L

RT: 2.375 min Scan# 414

Delta R.T. 0.003 min

Lab File: VV034749.D

Acq: 20 Mar 2024 08:51

Instrument :

MSVOA_V

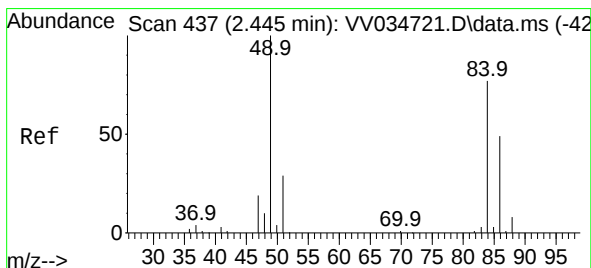
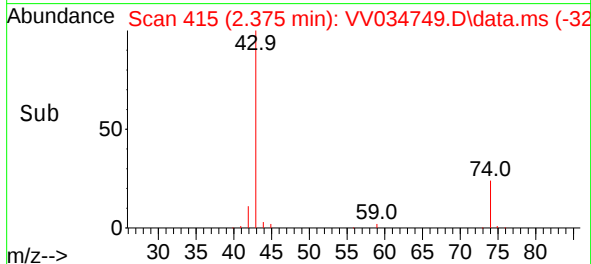
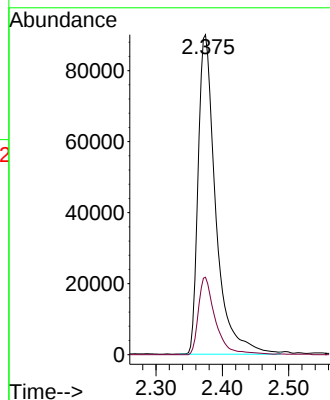
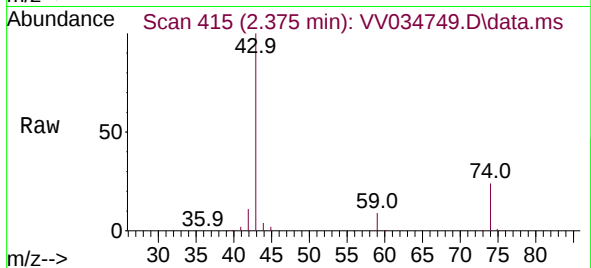
ClientSampleId :

Tgt Ion: 43 Resp: 166140

Ion Ratio Lower Upper

43 100

74 23.4 17.8 26.8



#16

Methylene chloride

Concen: 53.598 ug/L

RT: 2.445 min Scan# 437

Delta R.T. -0.000 min

Lab File: VV034749.D

Acq: 20 Mar 2024 08:51

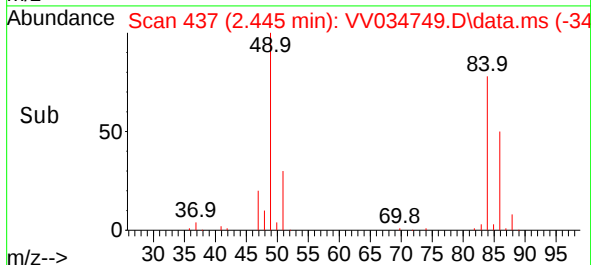
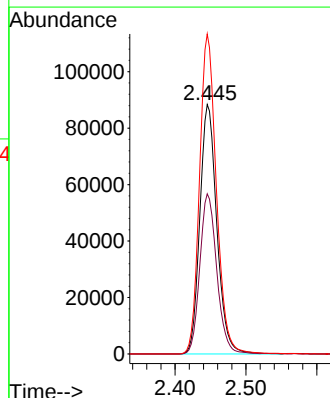
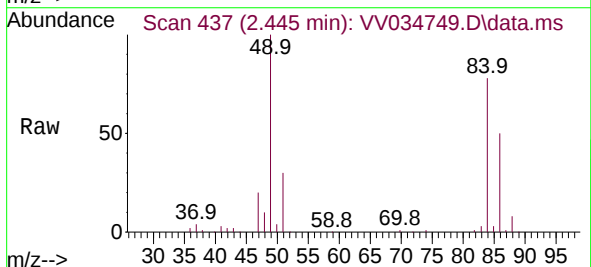
Tgt Ion: 84 Resp: 147057

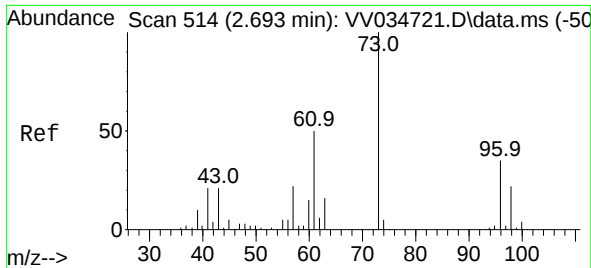
Ion Ratio Lower Upper

84 100

86 64.2 45.6 84.6

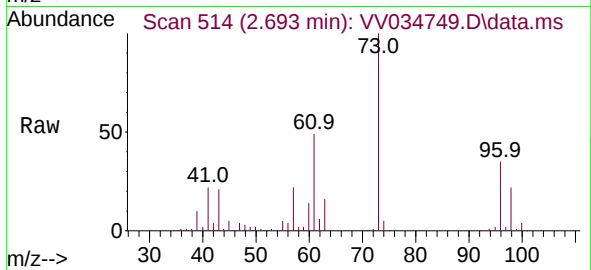
49 128.3 92.3 171.3



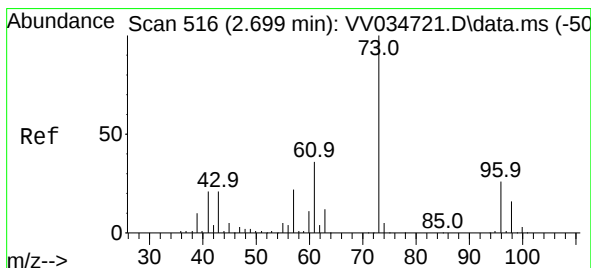
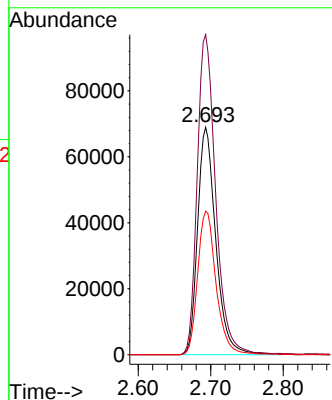
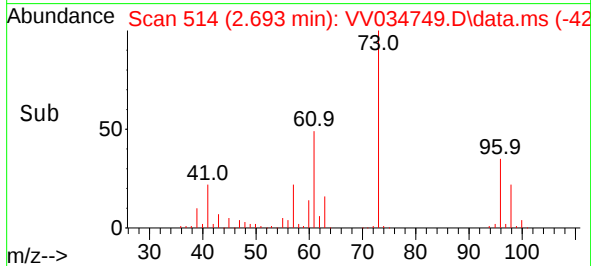


#17
trans-1,2-Dichloroethene
Concen: 48.016 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV034749.D
Acq: 20 Mar 2024 08:51

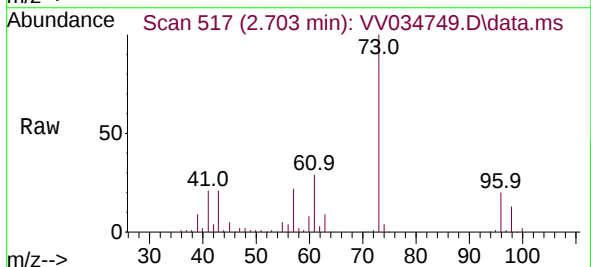
Instrument :
MSVOA_V
ClientSampleId :



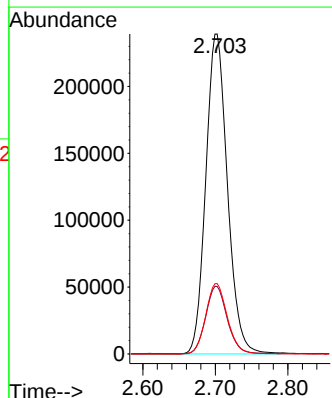
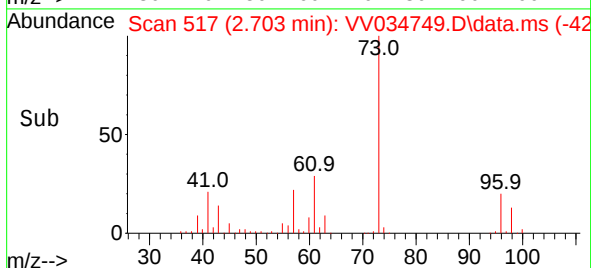
Tgt Ion: 96 Resp: 120211
Ion Ratio Lower Upper
96 100
61 140.7 98.8 183.4
98 63.1 46.1 85.5

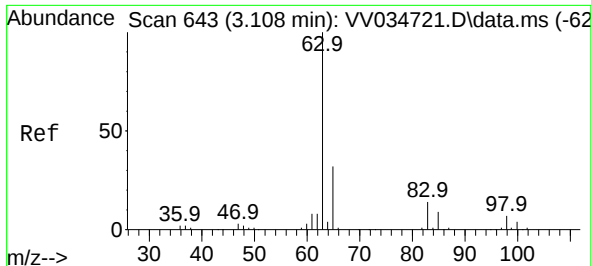


#18
Methyl tert-butyl Ether
Concen: 55.168 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV034749.D
Acq: 20 Mar 2024 08:51



Tgt Ion: 73 Resp: 496002
Ion Ratio Lower Upper
73 100
43 20.9 17.1 25.7
57 22.0 17.6 26.4

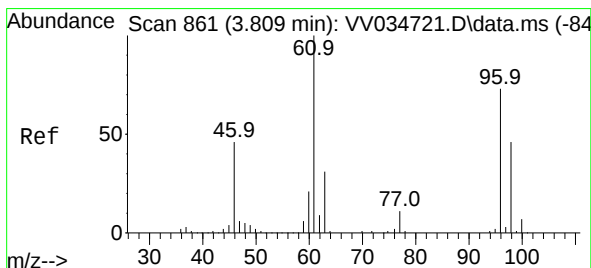
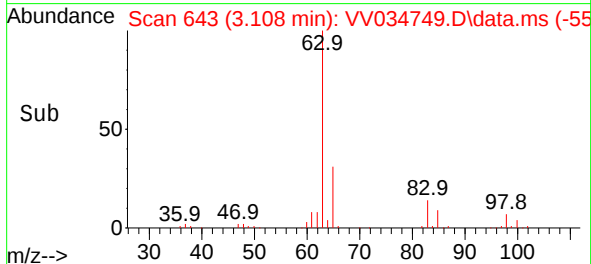
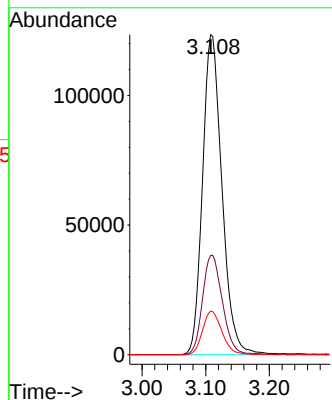
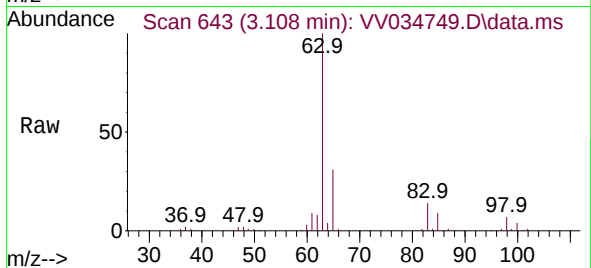




#19
1,1-Dichloroethane
Concen: 53.377 ug/L
RT: 3.108 min Scan# 643
Delta R.T. -0.000 min
Lab File: VV034749.D
Acq: 20 Mar 2024 08:51

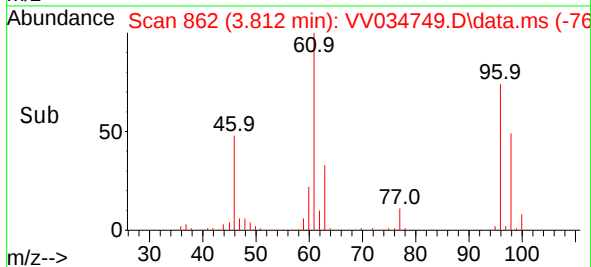
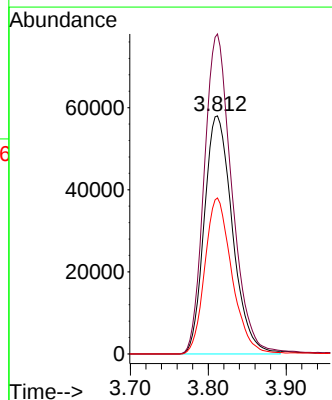
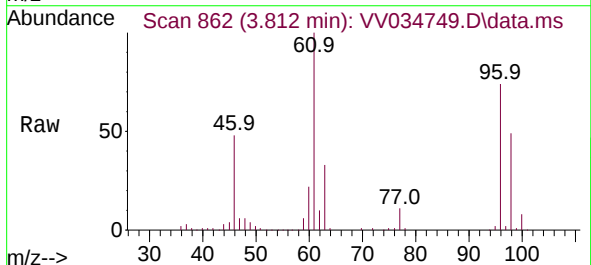
Instrument :
MSVOA_V
ClientSampleId :

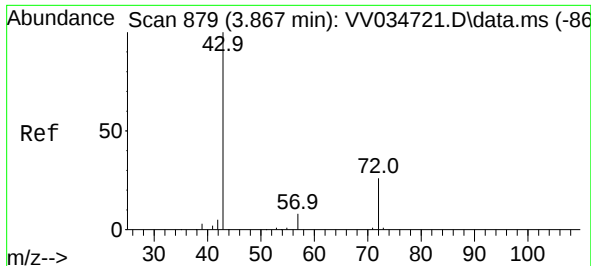
Tgt Ion: 63 Resp: 261779
Ion Ratio Lower Upper
63 100
65 31.0 22.1 41.1
83 13.6 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 53.671 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV034749.D
Acq: 20 Mar 2024 08:51

Tgt Ion: 96 Resp: 145791
Ion Ratio Lower Upper
96 100
61 134.4 96.0 178.4
98 65.5 46.0 85.4

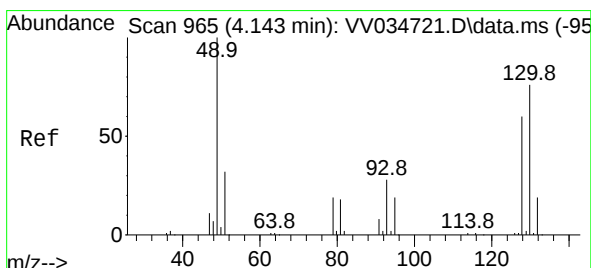
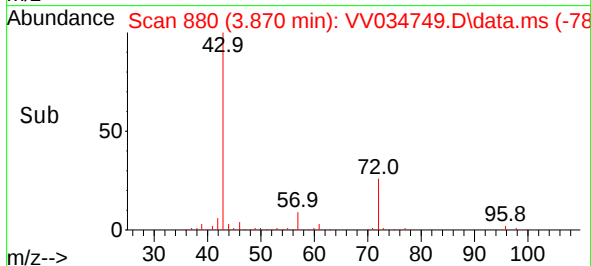
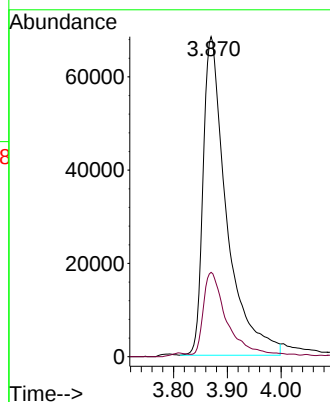
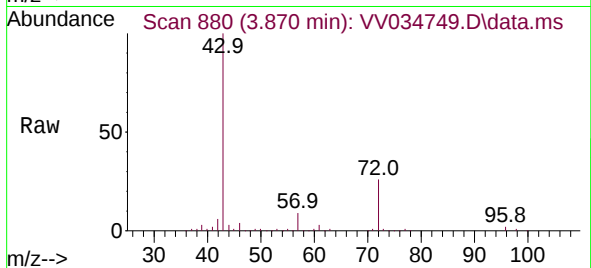




#22
2-Butanone
Concen: 87.177 ug/L
RT: 3.870 min Scan# 880
Delta R.T. 0.003 min
Lab File: VV034749.D
Acq: 20 Mar 2024 08:51

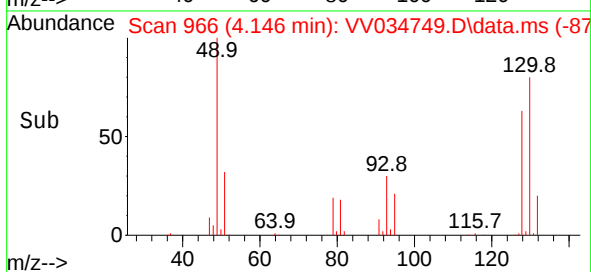
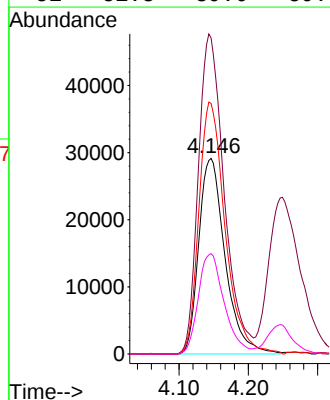
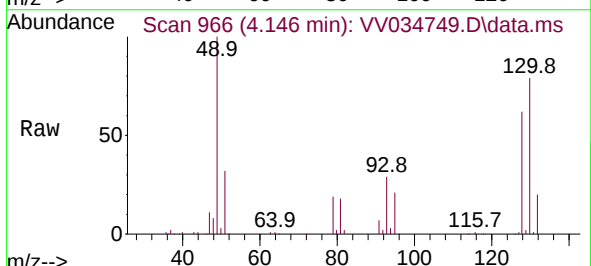
Instrument :
MSVOA_V
ClientSampleId :

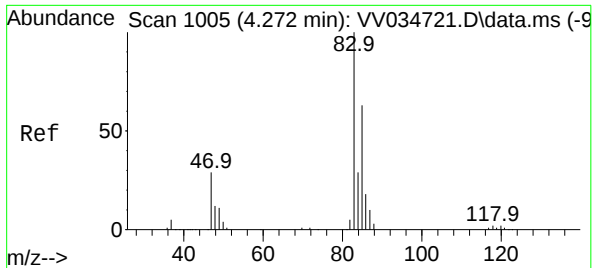
Tgt Ion: 43 Resp: 207245
Ion Ratio Lower Upper
43 100
72 25.4 11.5 34.4



#23
Bromochloromethane
Concen: 54.689 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV034749.D
Acq: 20 Mar 2024 08:51

Tgt Ion:128 Resp: 76817
Ion Ratio Lower Upper
128 100
49 161.5 109.4 203.2
130 128.1 87.7 162.9
51 51.3 39.6 59.4





#25

Chloroform

Concen: 53.281 ug/L

RT: 4.272 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV034749.D

Acq: 20 Mar 2024 08:51

Instrument :

MSVOA_V

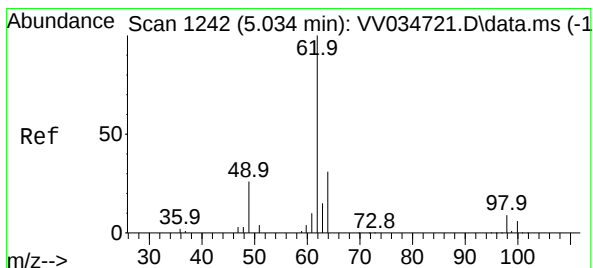
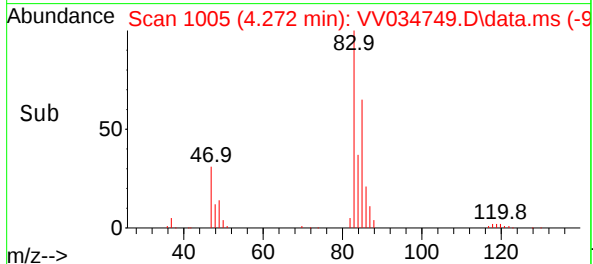
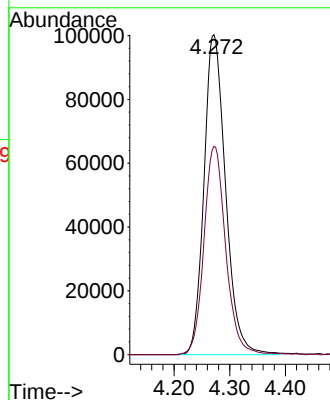
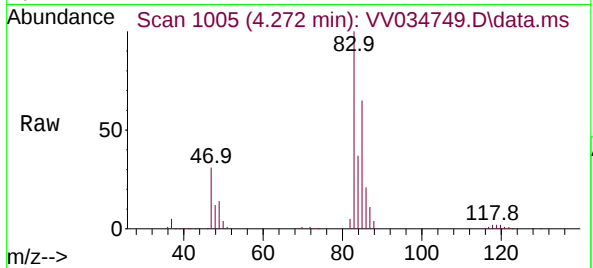
ClientSampleId :

Tgt Ion: 83 Resp: 270840

Ion Ratio Lower Upper

83 100

85 65.1 45.5 84.5



#27

1,2-Dichloroethane

Concen: 53.676 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VV034749.D

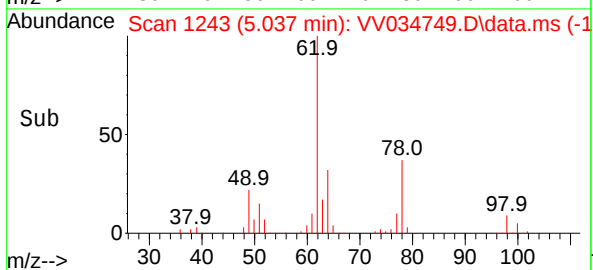
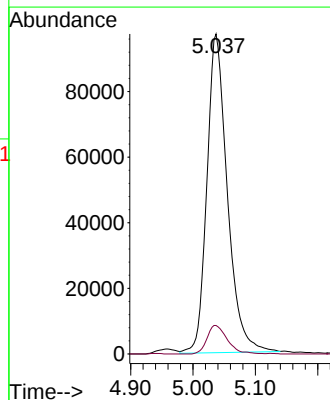
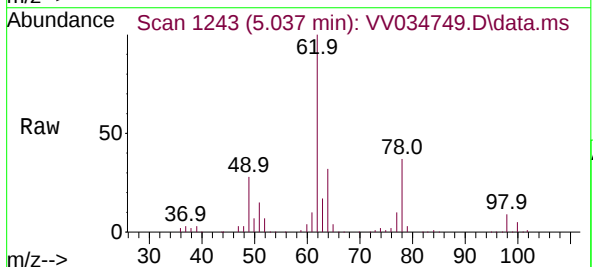
Acq: 20 Mar 2024 08:51

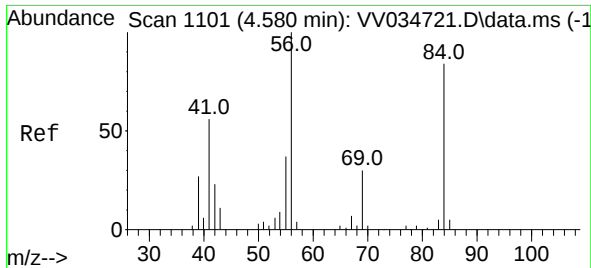
Tgt Ion: 62 Resp: 221681

Ion Ratio Lower Upper

62 100

98 8.9 6.6 10.0





#29

Cyclohexane

Concen: 41.609 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VV034749.D

Acq: 20 Mar 2024 08:51

Instrument :

MSVOA_V

ClientSampleId :

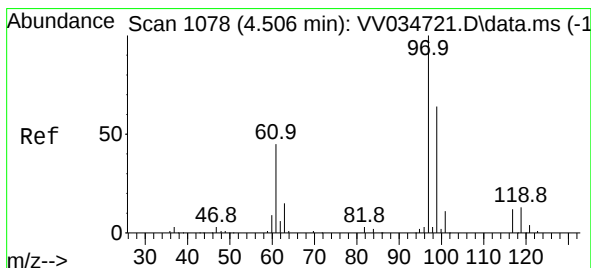
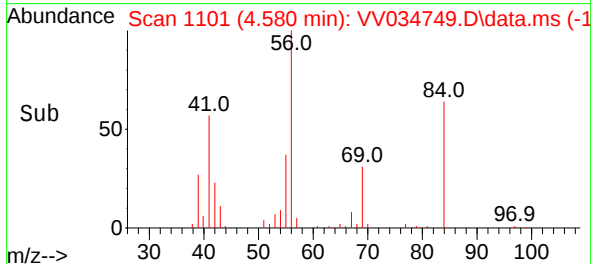
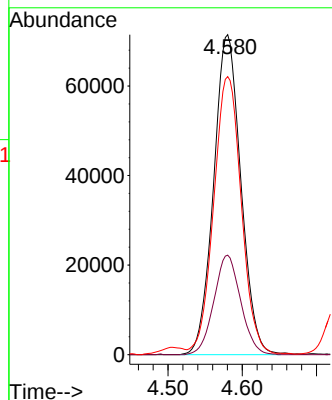
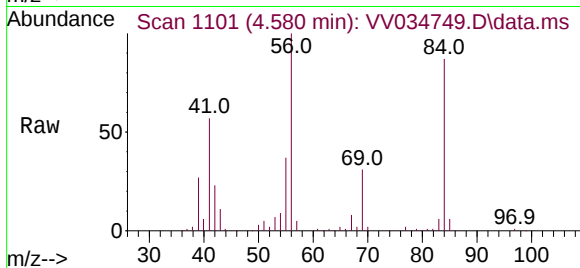
Tgt Ion: 56 Resp: 182201

Ion Ratio Lower Upper

56 100

69 30.6 24.2 36.4

84 87.3 70.5 105.7



#30

1,1,1-Trichloroethane

Concen: 48.212 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.003 min

Lab File: VV034749.D

Acq: 20 Mar 2024 08:51

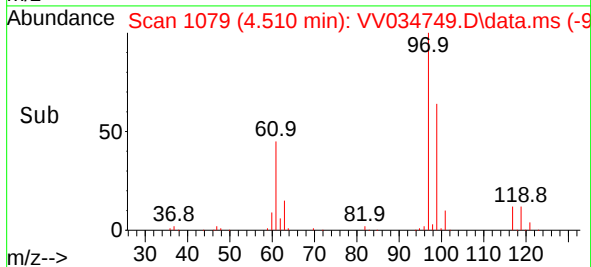
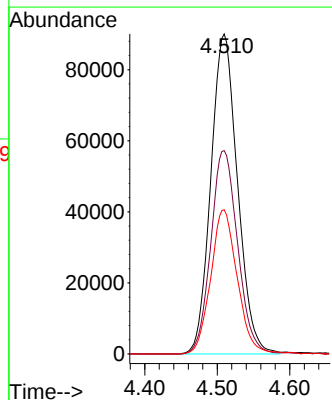
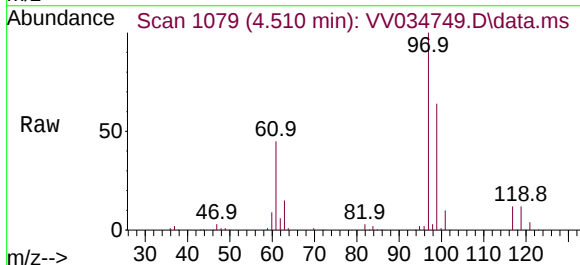
Tgt Ion: 97 Resp: 230160

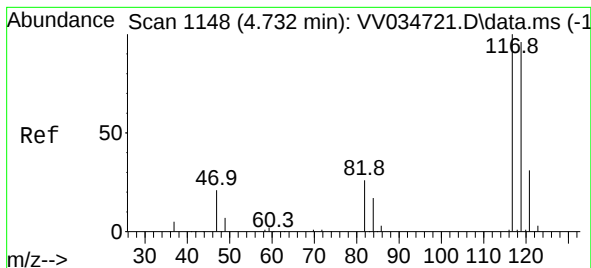
Ion Ratio Lower Upper

97 100

99 64.0 51.3 76.9

61 44.8 36.0 54.0





#31

Carbon tetrachloride

Concen: 46.314 ug/L

RT: 4.731 min Scan# 1148

Delta R.T. -0.000 min

Lab File: VV034749.D

Acq: 20 Mar 2024 08:51

Instrument :

MSVOA_V

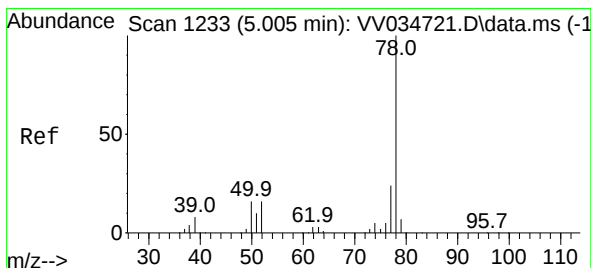
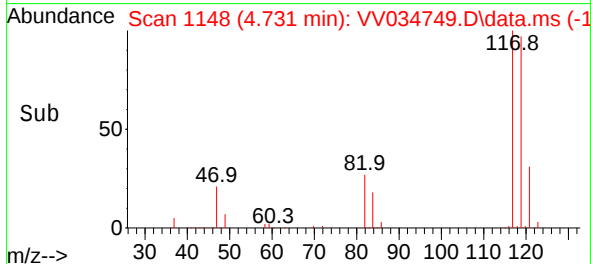
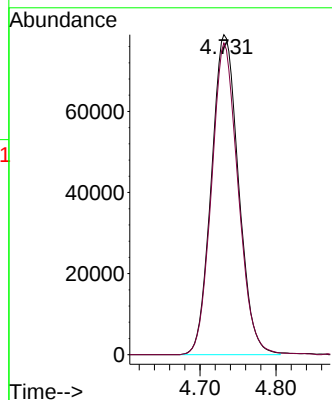
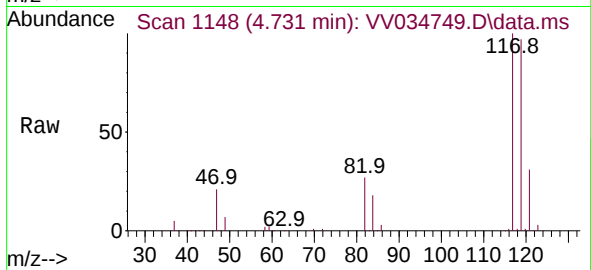
ClientSampleId :

Tgt Ion:117 Resp: 195751

Ion Ratio Lower Upper

117 100

119 95.3 77.5 116.3



#33

Benzene

Concen: 50.397 ug/L

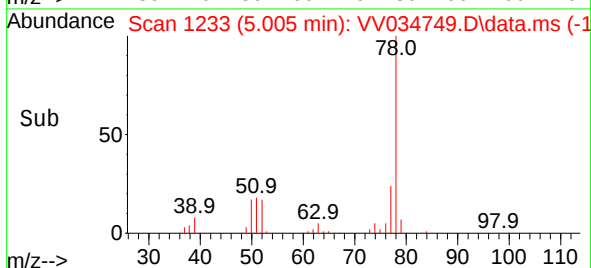
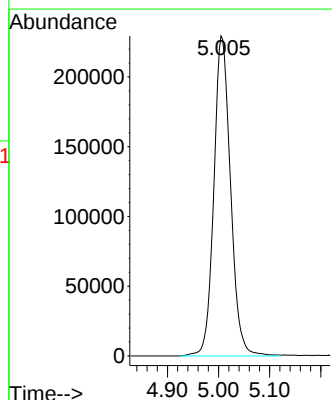
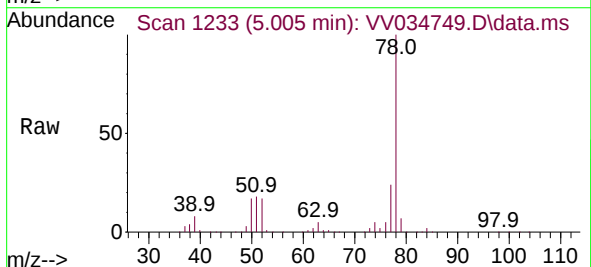
RT: 5.005 min Scan# 1233

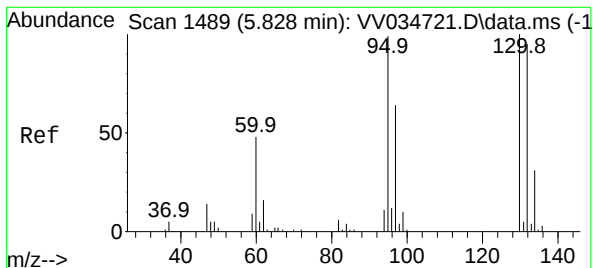
Delta R.T. -0.000 min

Lab File: VV034749.D

Acq: 20 Mar 2024 08:51

Tgt Ion: 78 Resp: 520783





#34

Trichloroethene

Concen: 46.133 ug/L

RT: 5.831 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV034749.D

Acq: 20 Mar 2024 08:51

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 135509

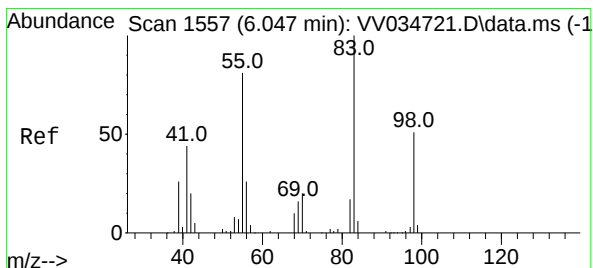
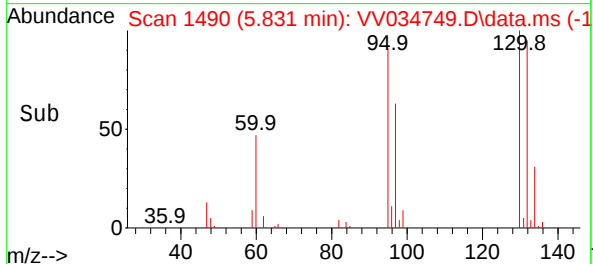
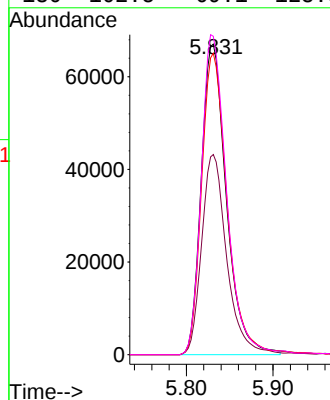
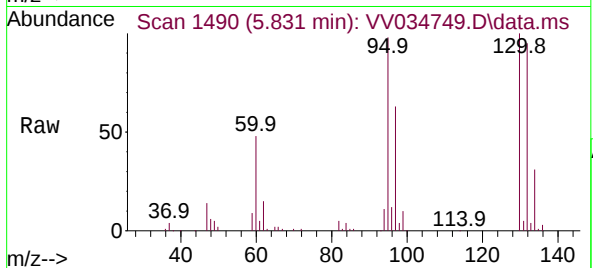
Ion Ratio Lower Upper

95 100

97 64.4 44.7 83.1

132 97.1 65.3 121.3

130 102.5 69.1 128.3



#35

Methylcyclohexane

Concen: 40.299 ug/L

RT: 6.046 min Scan# 1557

Delta R.T. -0.000 min

Lab File: VV034749.D

Acq: 20 Mar 2024 08:51

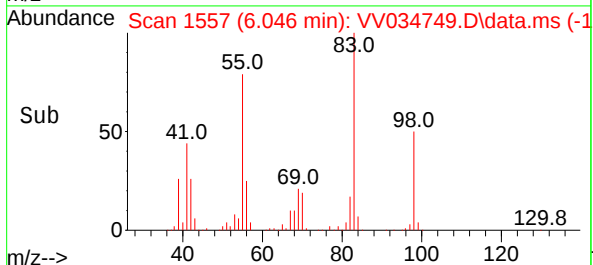
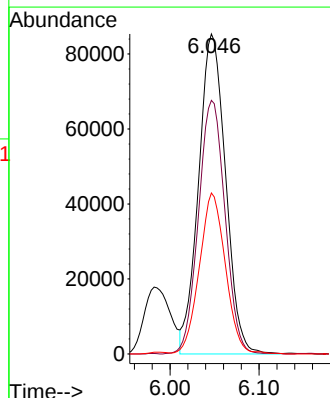
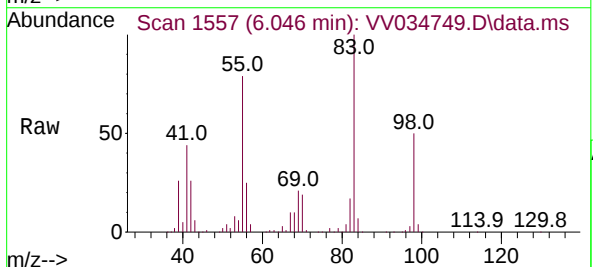
Tgt Ion: 83 Resp: 179956

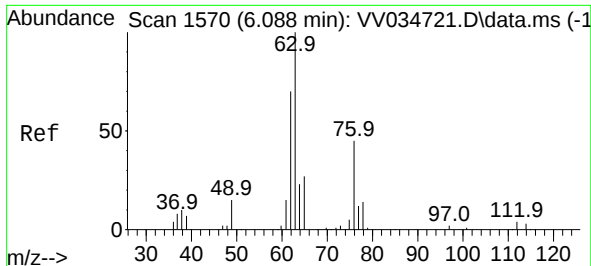
Ion Ratio Lower Upper

83 100

55 77.7 62.6 94.0

98 47.6 39.5 59.3

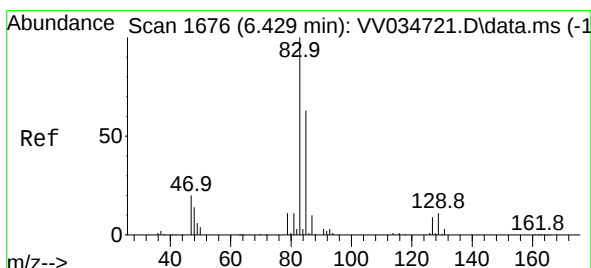
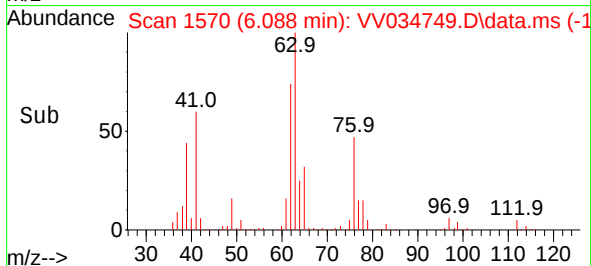
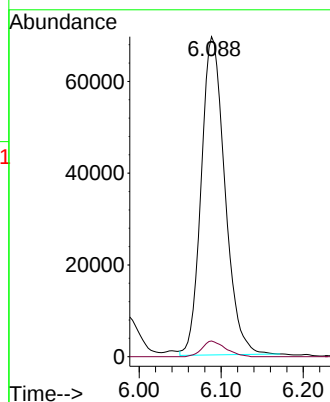
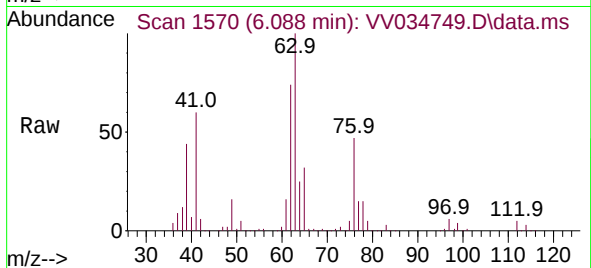




#37
1,2-Dichloropropane
Concen: 51.381 ug/L
RT: 6.088 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV034749.D
Acq: 20 Mar 2024 08:51

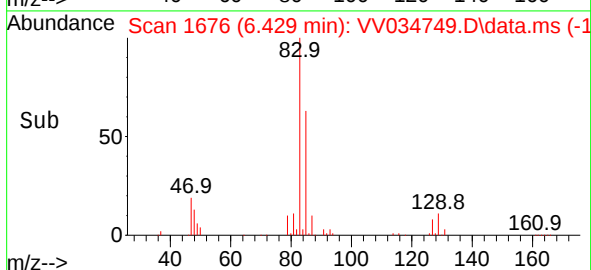
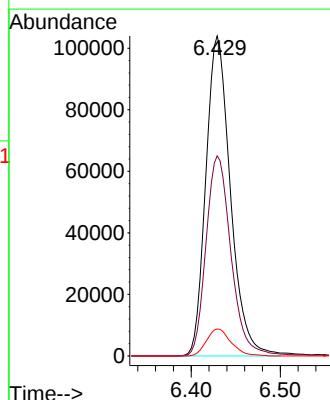
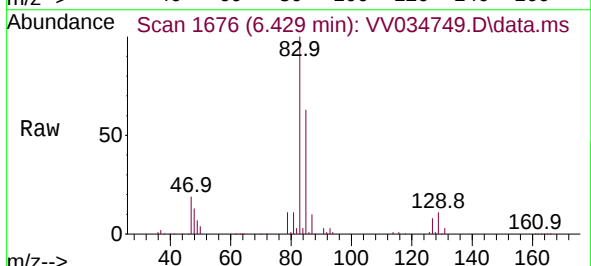
Instrument :
MSVOA_V
ClientSampleId :

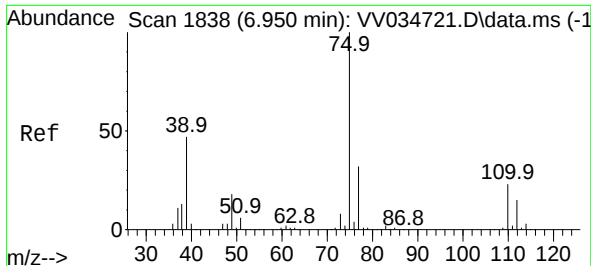
Tgt Ion: 63 Resp: 139009
Ion Ratio Lower Upper
63 100
112 4.9 3.5 5.3



#38
Bromodichloromethane
Concen: 52.392 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VV034749.D
Acq: 20 Mar 2024 08:51

Tgt Ion: 83 Resp: 199376
Ion Ratio Lower Upper
83 100
85 62.5 44.6 82.8
127 8.4 6.9 10.3

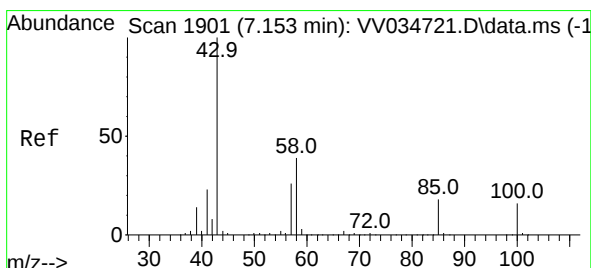
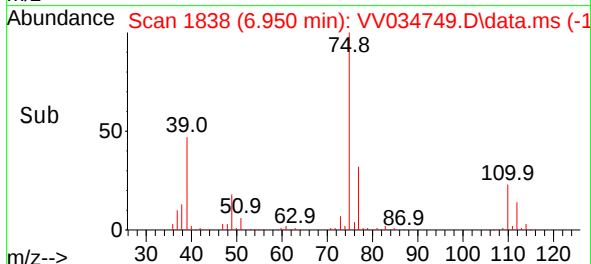
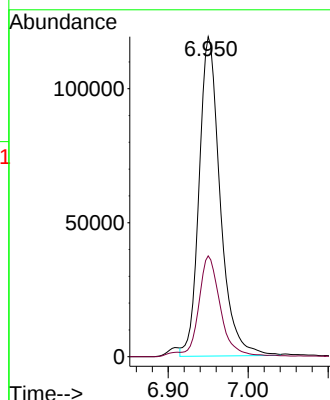
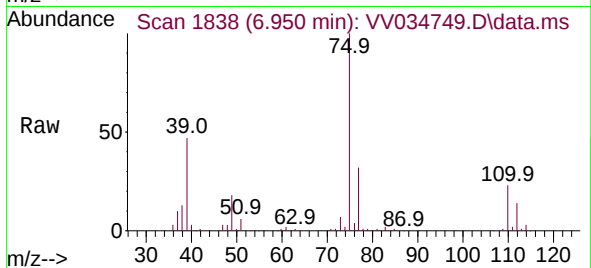




#39
 cis-1,3-Dichloropropene
 Concen: 50.015 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. -0.000 min
 Lab File: VV034749.D
 Acq: 20 Mar 2024 08:51

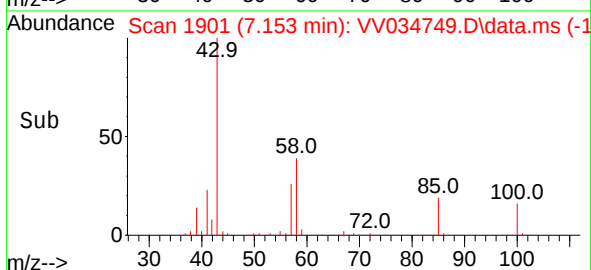
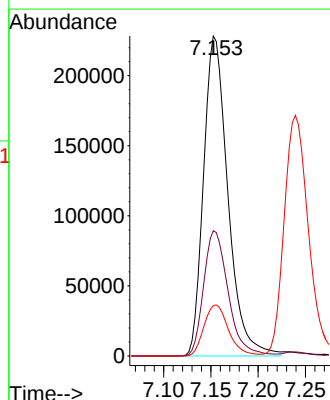
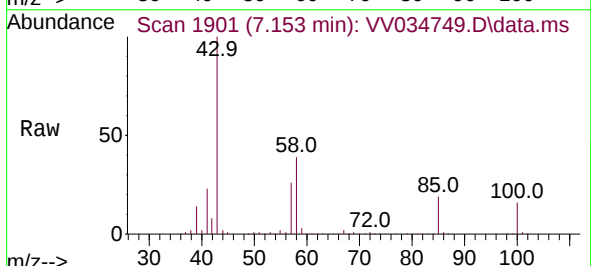
Instrument :
 MSVOA_V
 ClientSampleId :

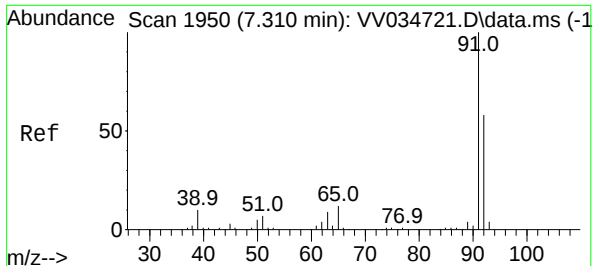
Tgt Ion: 75 Resp: 219233
 Ion Ratio Lower Upper
 75 100
 77 31.5 20.9 38.9



#40
 4-Methyl-2-pentanone
 Concen: 102.692 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. -0.000 min
 Lab File: VV034749.D
 Acq: 20 Mar 2024 08:51

Tgt Ion: 43 Resp: 409671
 Ion Ratio Lower Upper
 43 100
 58 39.4 30.6 46.0
 100 16.1 12.5 18.7





#42

Toluene

Concen: 49.486 ug/L

RT: 7.313 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VV034749.D

Acq: 20 Mar 2024 08:51

Instrument :

MSVOA_V

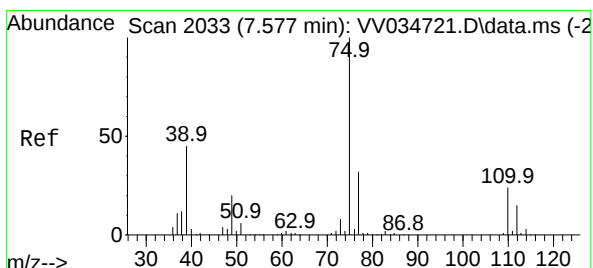
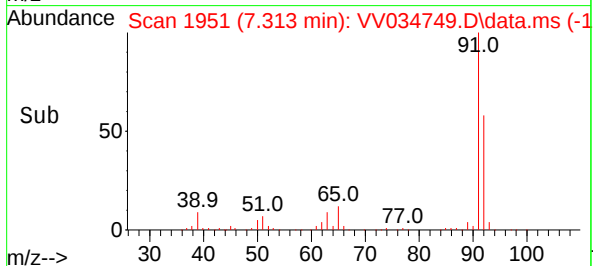
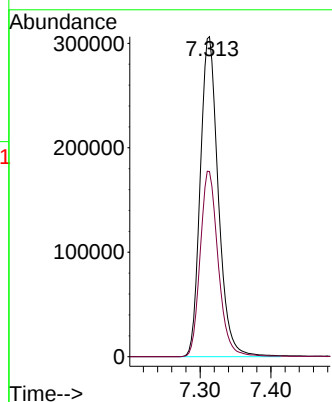
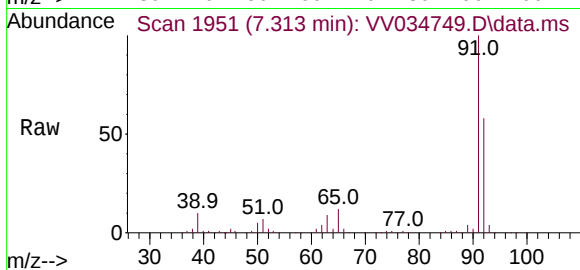
ClientSampleId :

Tgt Ion: 91 Resp: 541202

Ion Ratio Lower Upper

91 100

92 57.9 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 50.462 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV034749.D

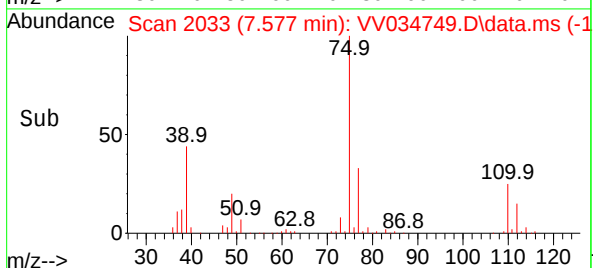
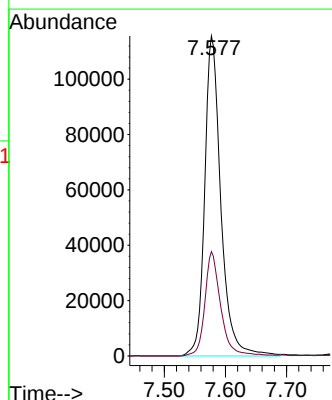
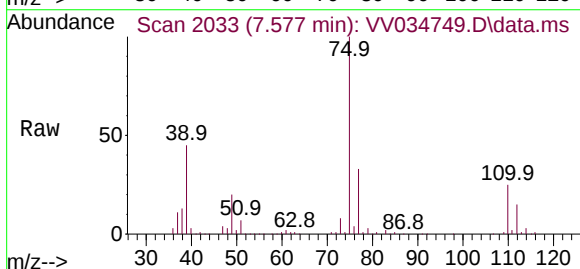
Acq: 20 Mar 2024 08:51

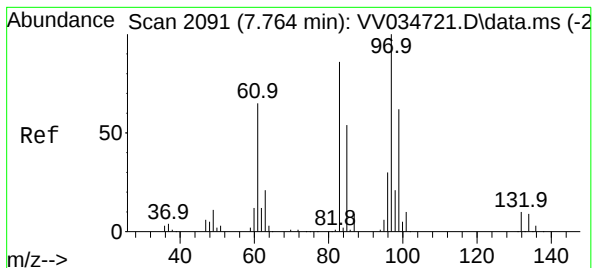
Tgt Ion: 75 Resp: 212734

Ion Ratio Lower Upper

75 100

77 32.6 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 54.192 ug/L

RT: 7.763 min Scan# 2091

Delta R.T. -0.000 min

Lab File: VV034749.D

Acq: 20 Mar 2024 08:51

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 141460

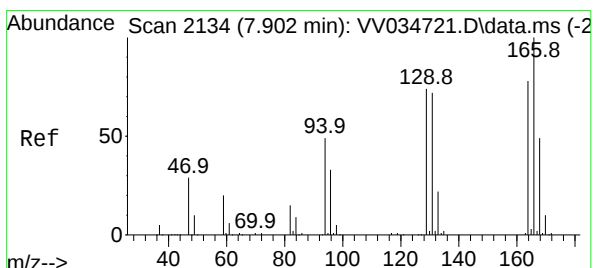
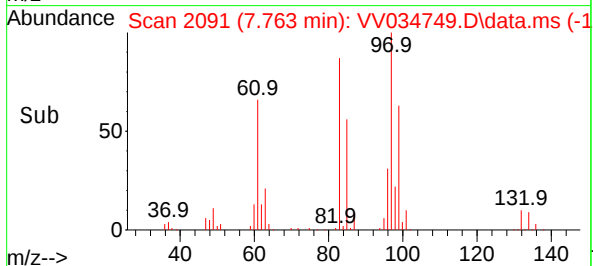
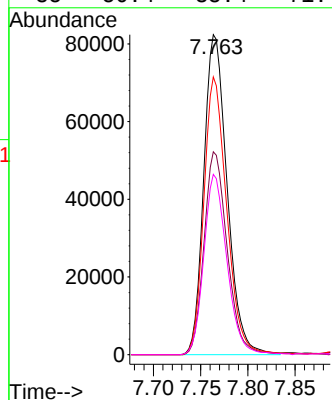
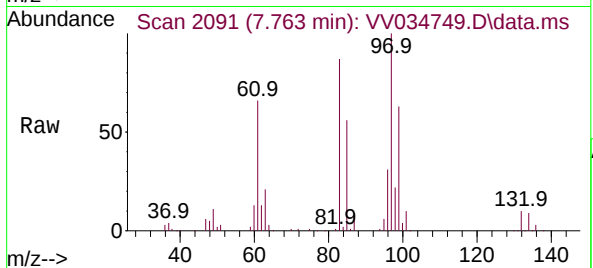
Ion Ratio Lower Upper

97 100

99 63.4 43.8 81.4

83 86.8 59.4 110.2

85 56.4 38.4 71.4



#46

Tetrachloroethene

Concen: 45.569 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. -0.000 min

Lab File: VV034749.D

Acq: 20 Mar 2024 08:51

Tgt Ion:164 Resp: 99546

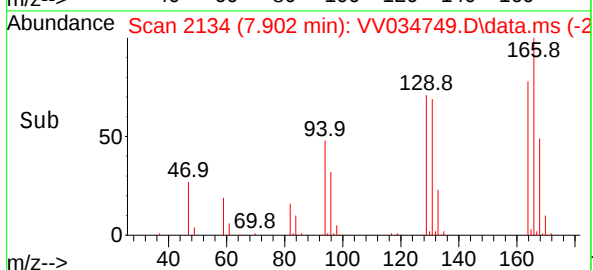
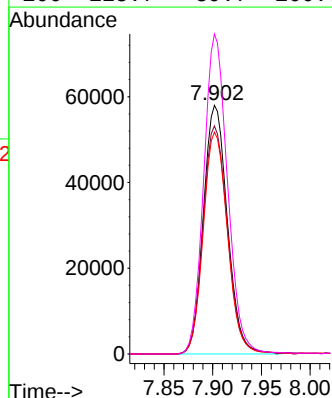
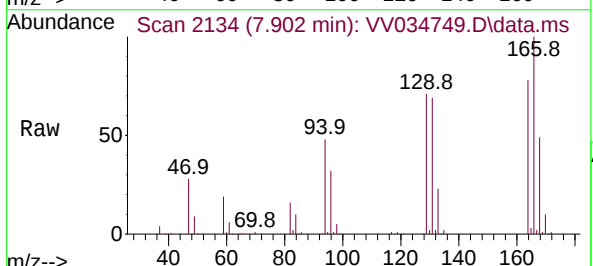
Ion Ratio Lower Upper

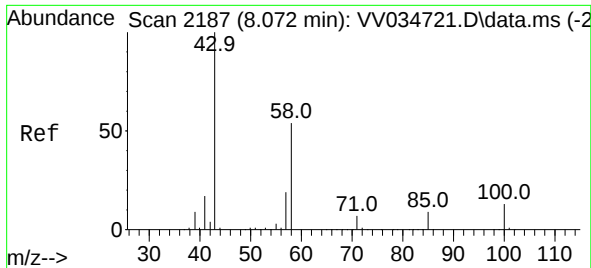
164 100

129 91.7 65.7 121.9

131 89.2 62.2 115.6

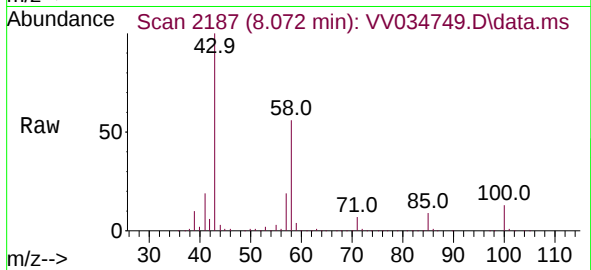
166 128.7 89.7 166.7





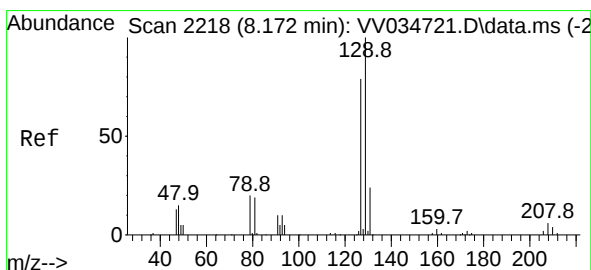
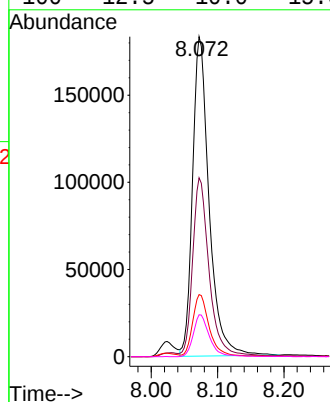
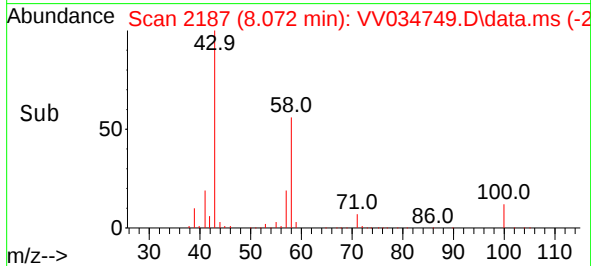
#48
2-Hexanone
Concen: 99.791 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV034749.D
Acq: 20 Mar 2024 08:51

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 317222

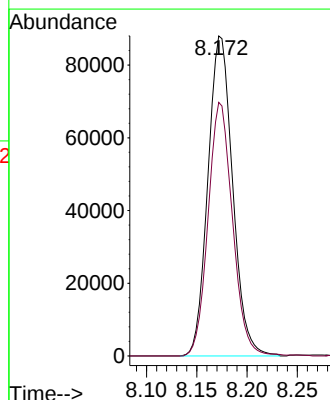
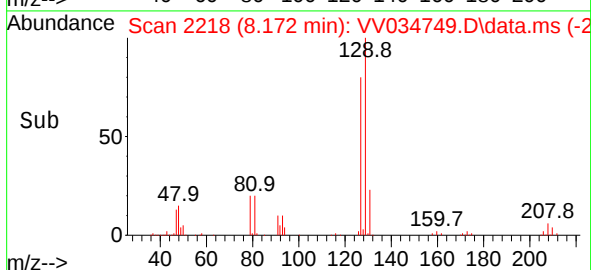
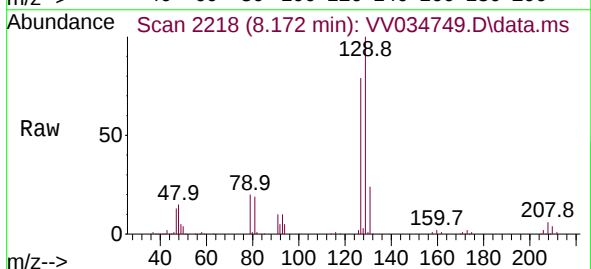
Ion	Ratio	Lower	Upper
43	100		
58	55.5	42.0	63.0
57	19.2	15.2	22.8
100	12.5	10.0	15.0

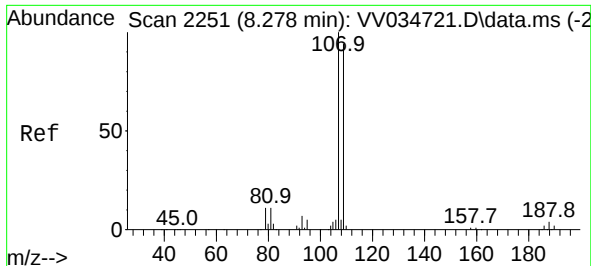


#49
Dibromochloromethane
Concen: 54.702 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.000 min
Lab File: VV034749.D
Acq: 20 Mar 2024 08:51

Tgt Ion: 129 Resp: 150686

Ion	Ratio	Lower	Upper
129	100		
127	79.2	53.3	98.9





#50

1,2-Dibromoethane

Concen: 53.242 ug/L

RT: 8.278 min Scan# 21

Delta R.T. -0.000 min MSVOA_V

Lab File: VV034749.D

Acq: 20 Mar 2024 08:51

Instrument :

MSVOA_V

ClientSampleId :

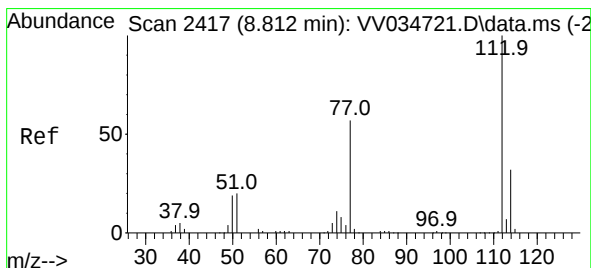
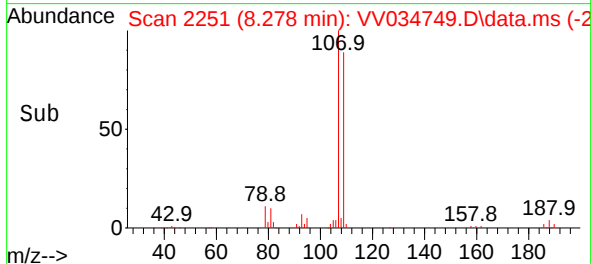
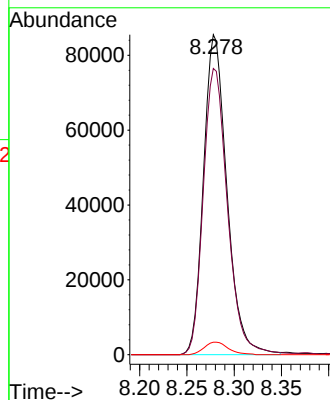
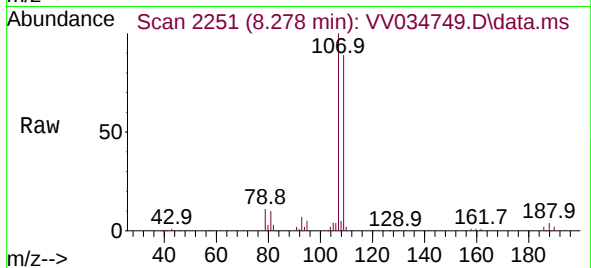
Tgt Ion:107 Resp: 147479

Ion Ratio Lower Upper

107 100

109 89.5 66.5 123.5

188 4.0 3.4 5.2



#51

Chlorobenzene

Concen: 50.530 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. -0.000 min

Lab File: VV034749.D

Acq: 20 Mar 2024 08:51

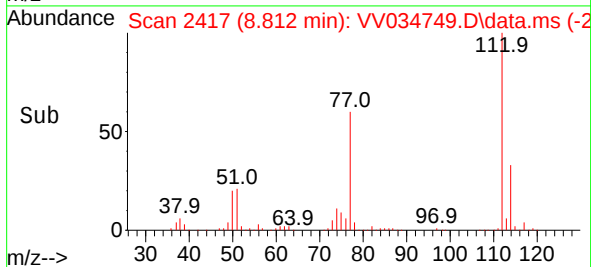
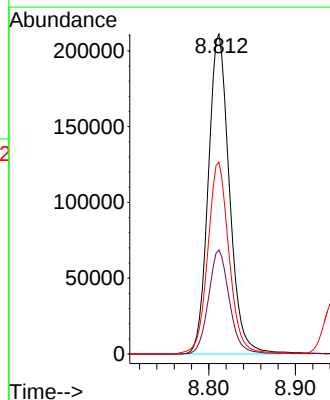
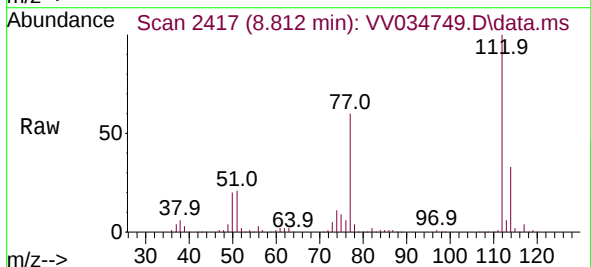
Tgt Ion:112 Resp: 357260

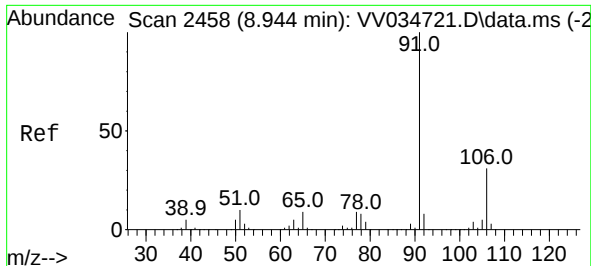
Ion Ratio Lower Upper

112 100

114 32.5 22.3 41.5

77 60.0 47.7 71.5





#52

Ethylbenzene

Concen: 49.394 ug/L

RT: 8.943 min Scan# 2458

Delta R.T. -0.000 min

Lab File: VV034749.D

Acq: 20 Mar 2024 08:51

Instrument :

MSVOA_V

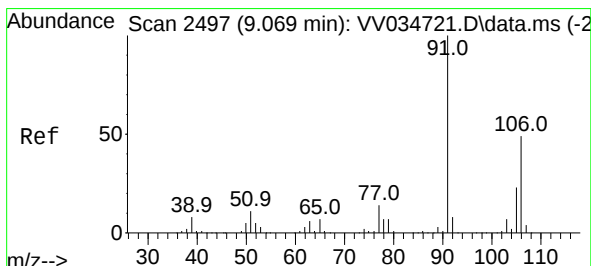
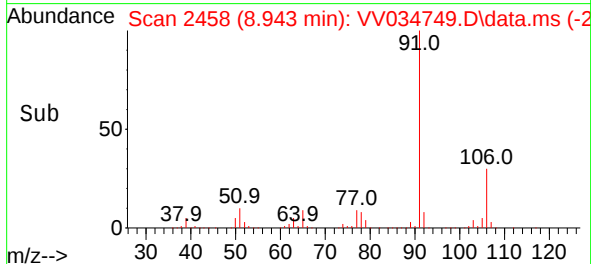
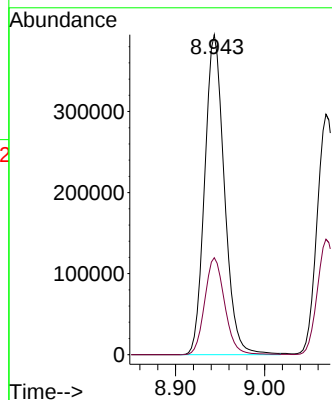
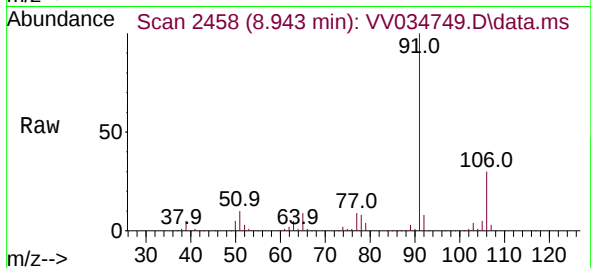
ClientSampleId :

Tgt Ion: 91 Resp: 605287

Ion Ratio Lower Upper

91 100

106 30.3 21.3 39.5



#53

m,p-Xylene

Concen: 48.492 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. -0.000 min

Lab File: VV034749.D

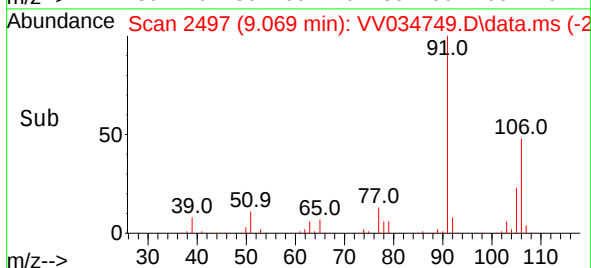
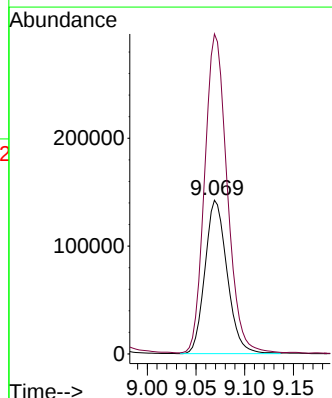
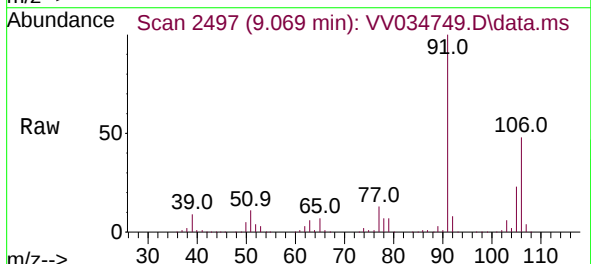
Acq: 20 Mar 2024 08:51

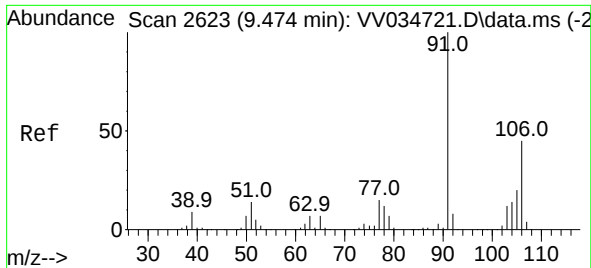
Tgt Ion:106 Resp: 225498

Ion Ratio Lower Upper

106 100

91 208.2 145.3 269.9

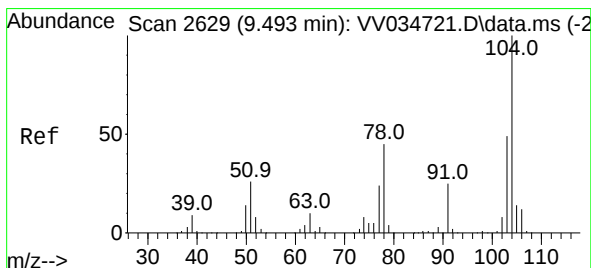
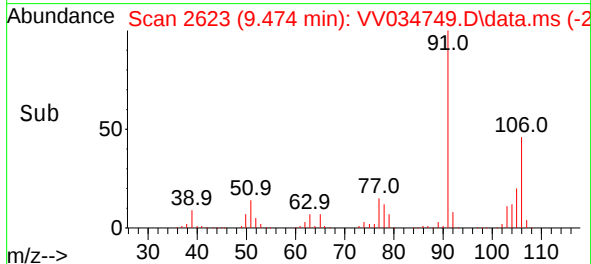
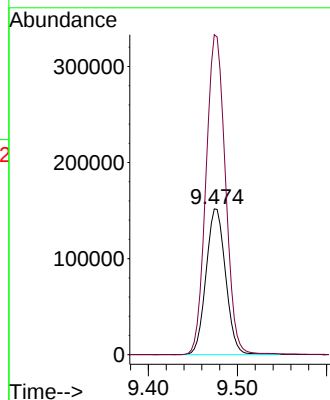
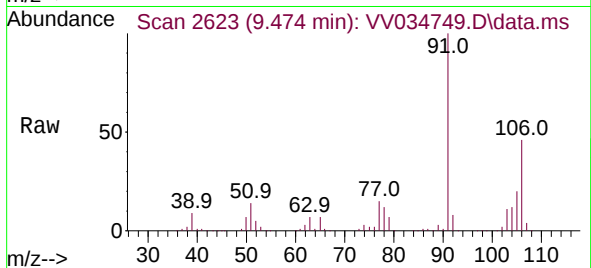




#54
o-Xylene
Concen: 50.805 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. -0.000 min
Lab File: VV034749.D
Acq: 20 Mar 2024 08:51

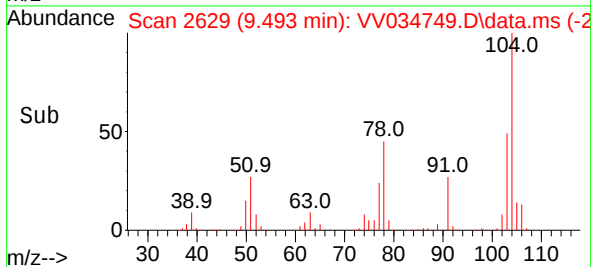
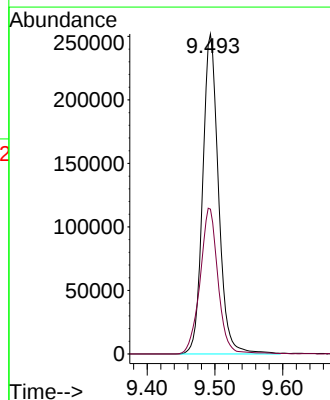
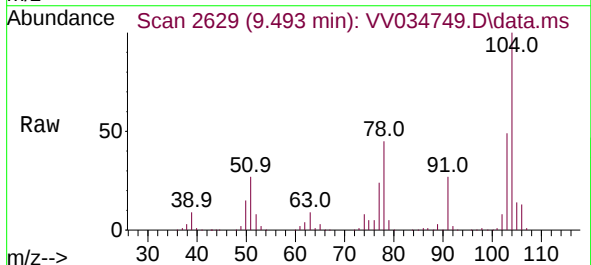
Instrument :
MSVOA_V
ClientSampleId :

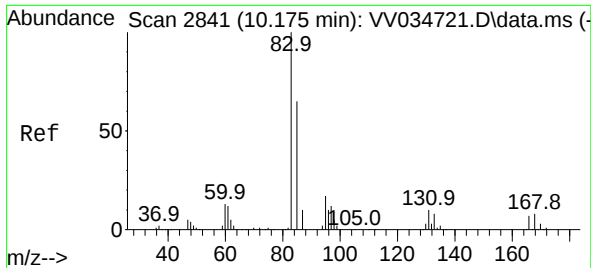
Tgt Ion:106 Resp: 231341
Ion Ratio Lower Upper
106 100
91 219.5 152.2 282.7



#55
Styrene
Concen: 52.982 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV034749.D
Acq: 20 Mar 2024 08:51

Tgt Ion:104 Resp: 408479
Ion Ratio Lower Upper
104 100
78 45.2 33.0 61.4

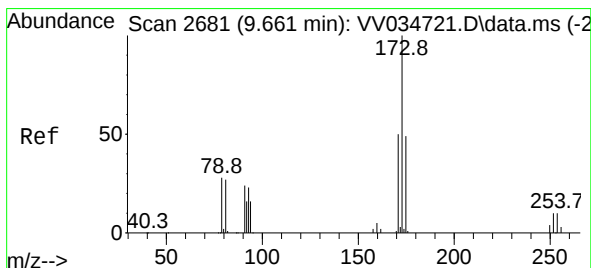
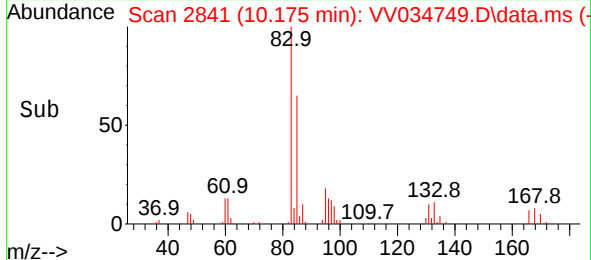
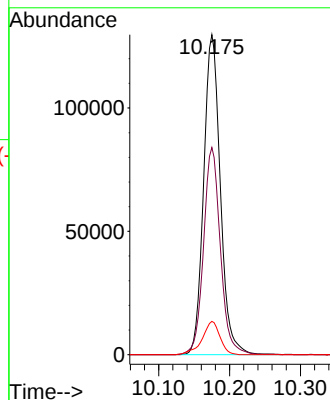
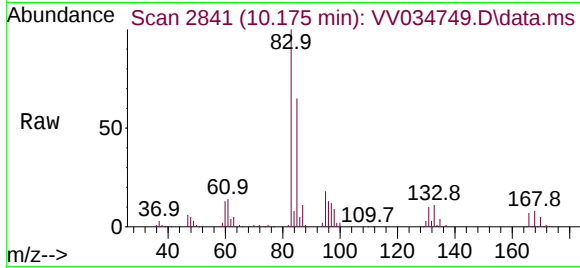




#57
1,1,2,2-Tetrachloroethane
Concen: 54.091 ug/L
RT: 10.175 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034749.D
Acq: 20 Mar 2024 08:51

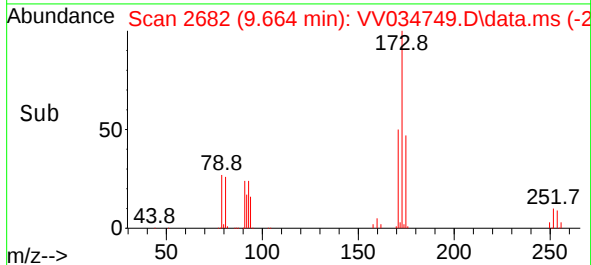
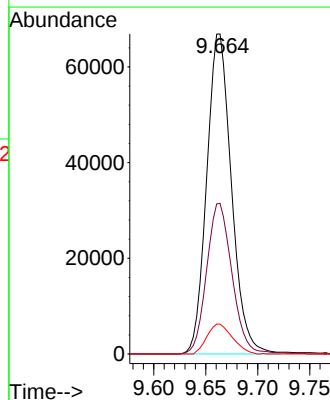
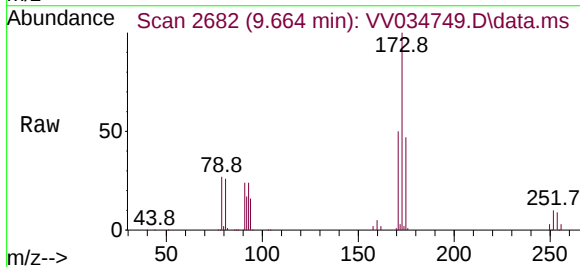
Instrument :
MSVOA_V
ClientSampleId :

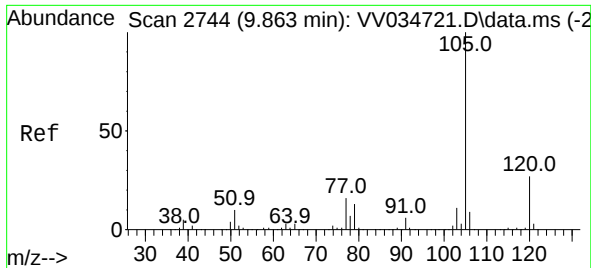
Tgt Ion: 83 Resp: 212074
Ion Ratio Lower Upper
83 100
85 64.8 45.4 84.2
131 10.4 8.3 12.5



#59
Bromoform
Concen: 57.324 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.003 min
Lab File: VV034749.D
Acq: 20 Mar 2024 08:51

Tgt Ion:173 Resp: 110804
Ion Ratio Lower Upper
173 100
175 48.3 39.1 58.7
254 9.6 7.8 11.8

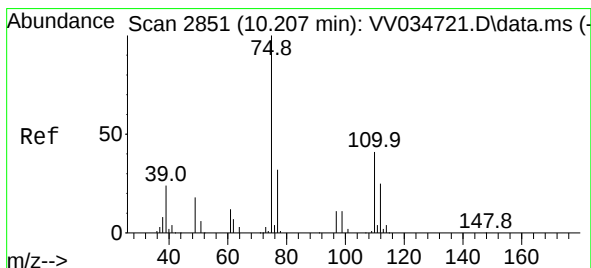
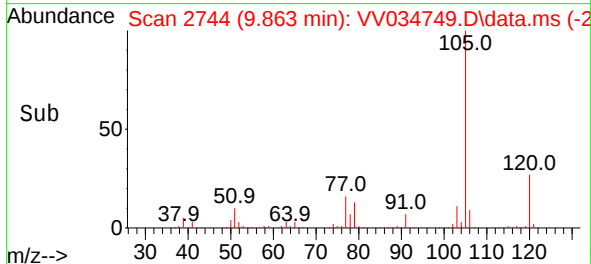
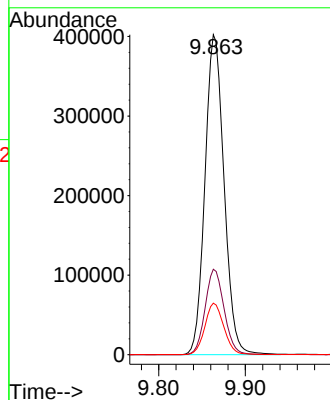
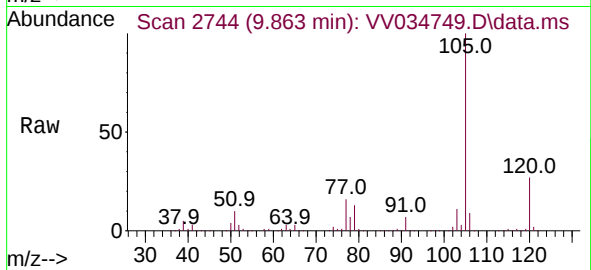




#60
Isopropylbenzene
Concen: 50.018 ug/L
RT: 9.863 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034749.D
Acq: 20 Mar 2024 08:51

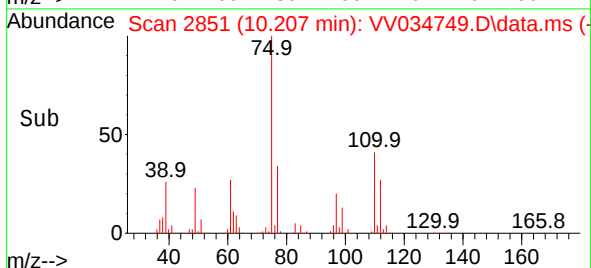
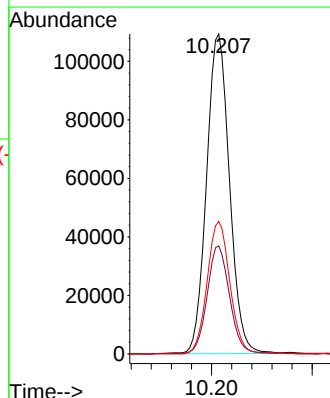
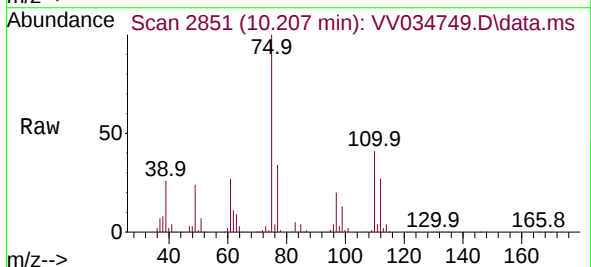
Instrument :
MSVOA_V
ClientSampleId :

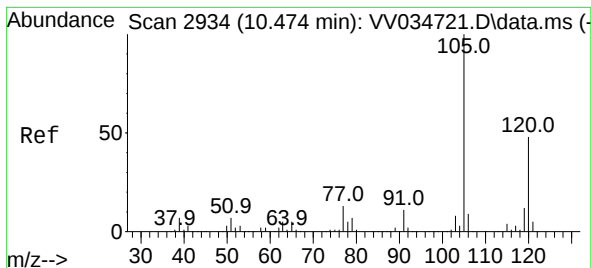
Tgt Ion:105 Resp: 616742
Ion Ratio Lower Upper
105 100
120 26.6 20.8 31.2
77 15.9 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 51.984 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV034749.D
Acq: 20 Mar 2024 08:51

Tgt Ion: 75 Resp: 173002
Ion Ratio Lower Upper
75 100
77 33.3 25.9 38.9
110 41.1 33.1 49.7





#62

1,3,5-Trimethylbenzene

Concen: 50.272 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV034749.D

Acq: 20 Mar 2024 08:51

Instrument :

MSVOA_V

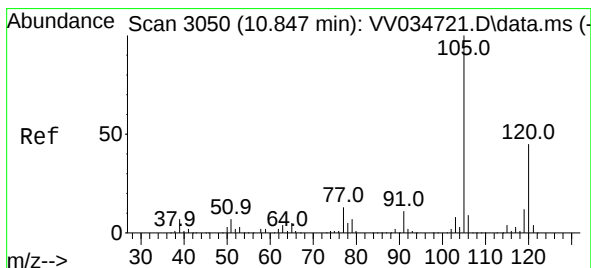
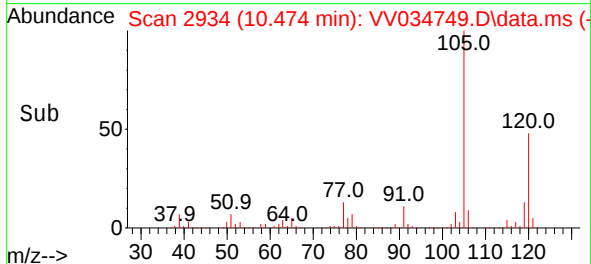
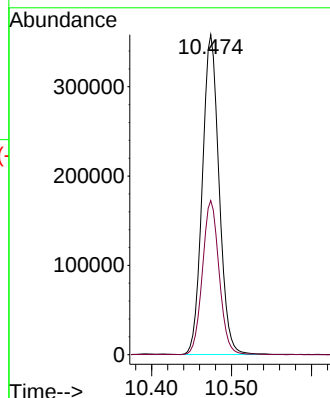
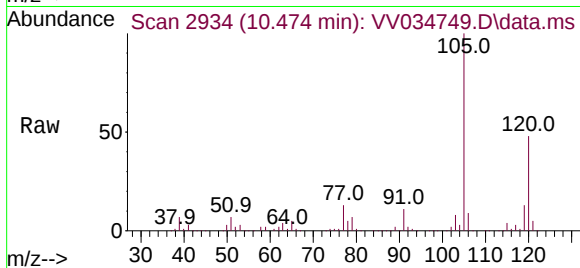
ClientSampleId :

Tgt Ion:105 Resp: 522894

Ion Ratio Lower Upper

105 100

120 47.9 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 51.607 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VV034749.D

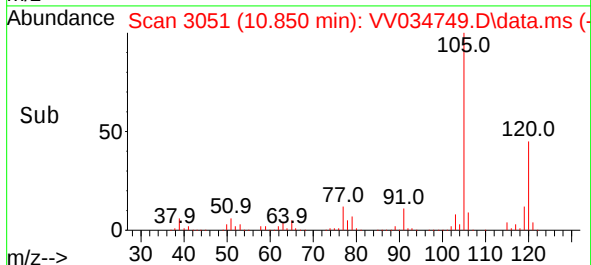
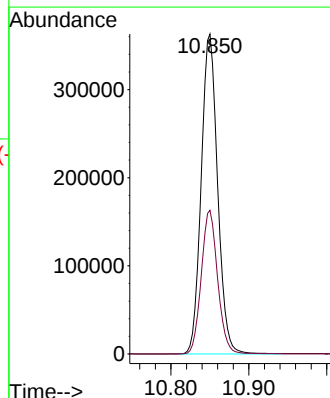
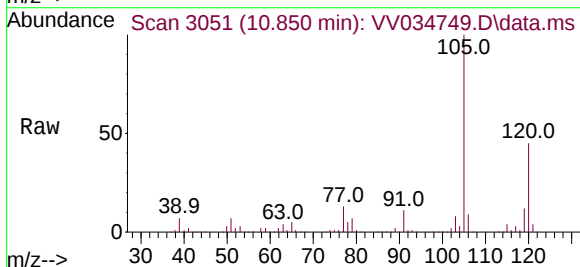
Acq: 20 Mar 2024 08:51

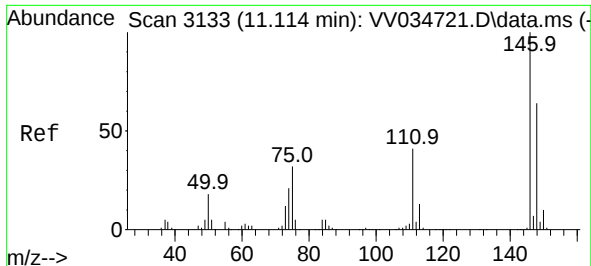
Tgt Ion:105 Resp: 530893

Ion Ratio Lower Upper

105 100

120 44.7 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 50.918 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.000 min

Lab File: VV034749.D

Acq: 20 Mar 2024 08:51

Instrument :

MSVOA_V

ClientSampleId :

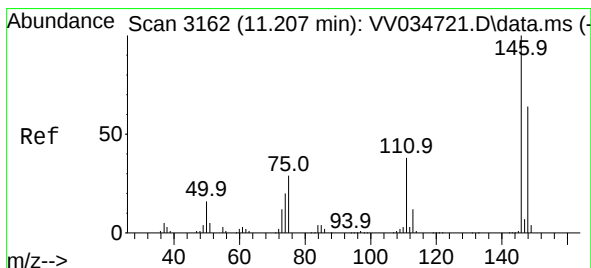
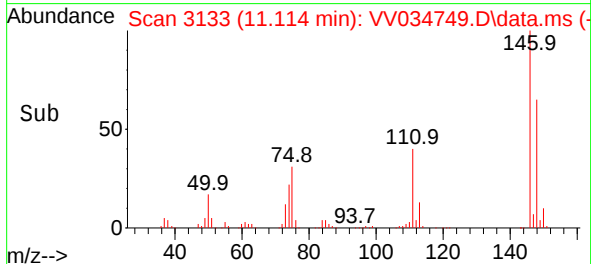
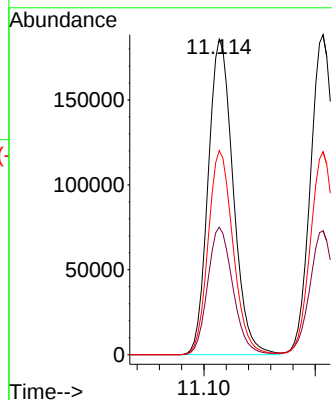
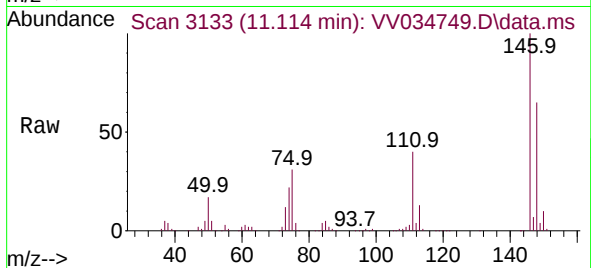
Tgt Ion:146 Resp: 290288

Ion Ratio Lower Upper

146 100

111 40.4 27.9 51.7

148 64.7 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 51.309 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV034749.D

Acq: 20 Mar 2024 08:51

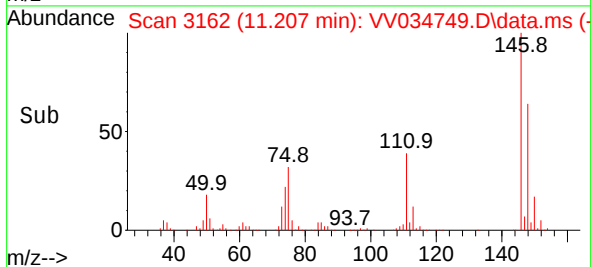
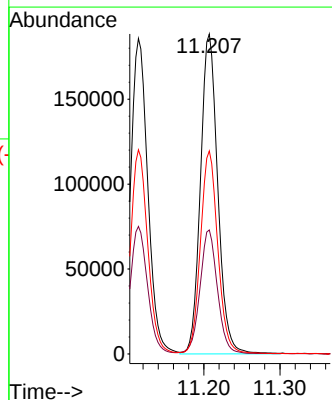
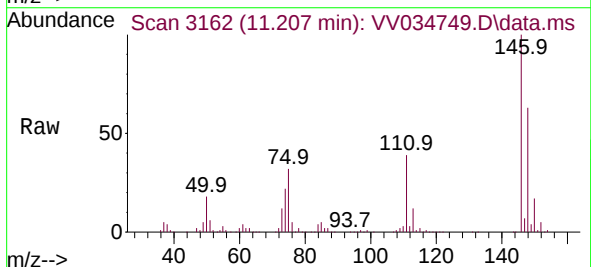
Tgt Ion:146 Resp: 297048

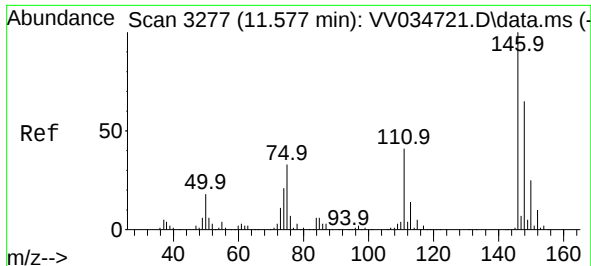
Ion Ratio Lower Upper

146 100

111 38.7 26.5 49.1

148 63.4 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 51.382 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VV034749.D

Acq: 20 Mar 2024 08:51

Instrument :

MSVOA_V

ClientSampleId :

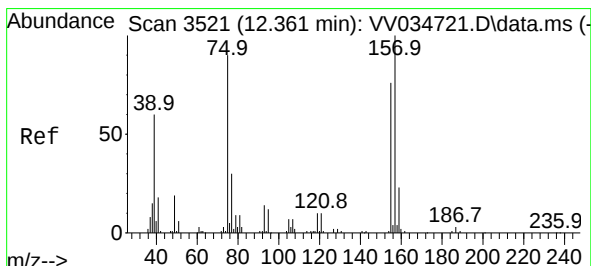
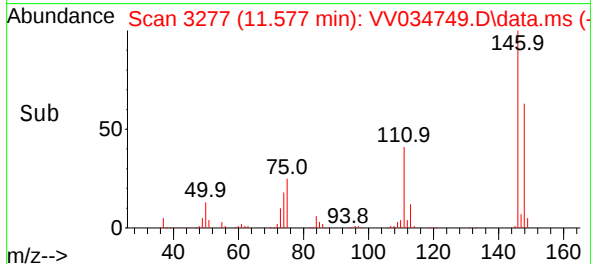
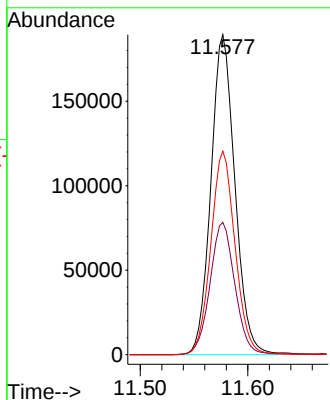
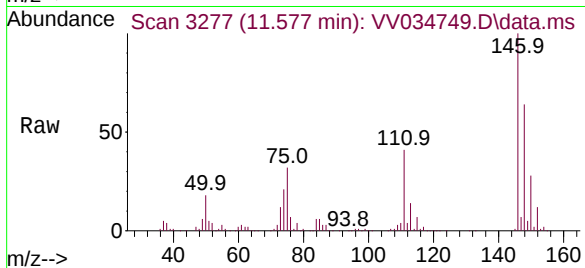
Tgt Ion:146 Resp: 293528

Ion Ratio Lower Upper

146 100

111 41.4 33.8 50.8

148 63.6 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 49.564 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV034749.D

Acq: 20 Mar 2024 08:51

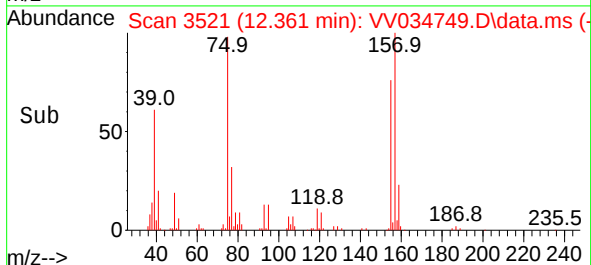
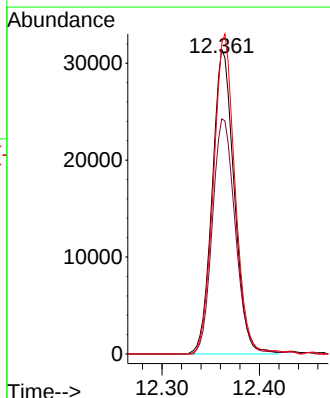
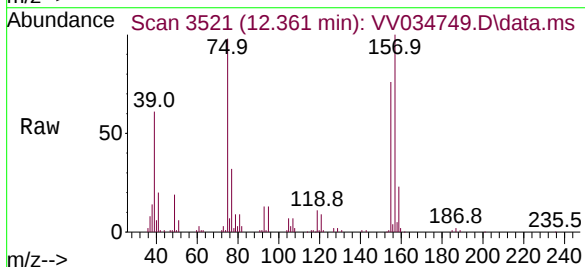
Tgt Ion: 75 Resp: 49135

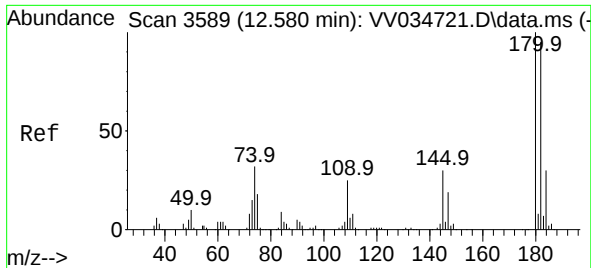
Ion Ratio Lower Upper

75 100

155 77.2 63.3 94.9

157 101.9 81.4 122.0





#69

1,3,5-Trichlorobenzene

Concen: 48.284 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

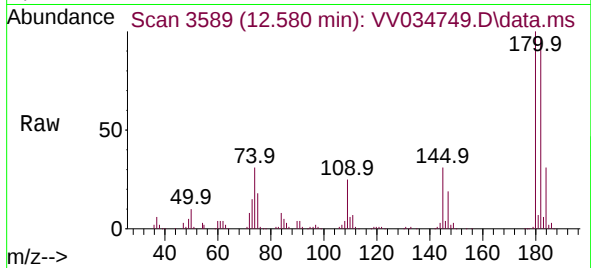
Lab File: VV034749.D

Acq: 20 Mar 2024 08:51

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 206503

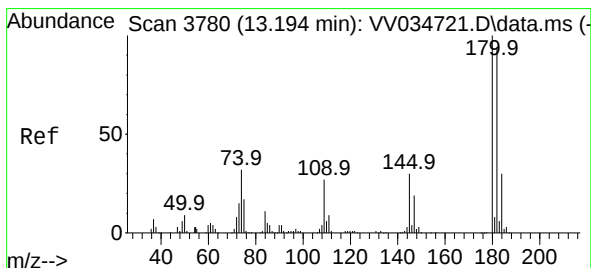
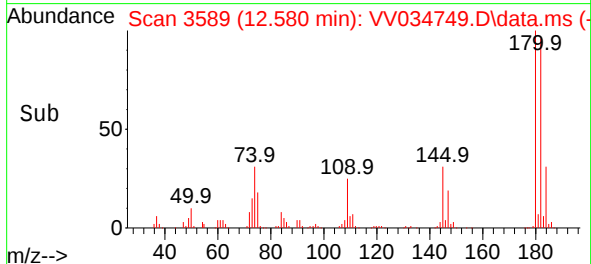
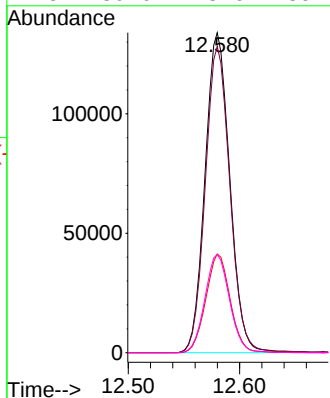
Ion Ratio Lower Upper

180 100

182 95.1 74.6 112.0

184 30.3 23.6 35.4

145 30.6 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 46.967 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV034749.D

Acq: 20 Mar 2024 08:51

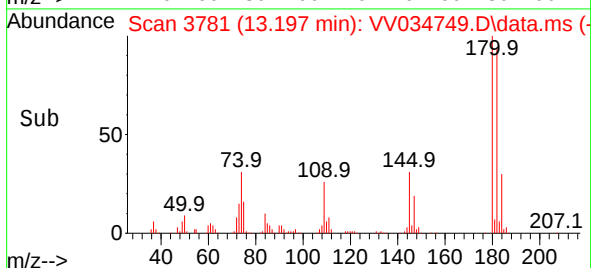
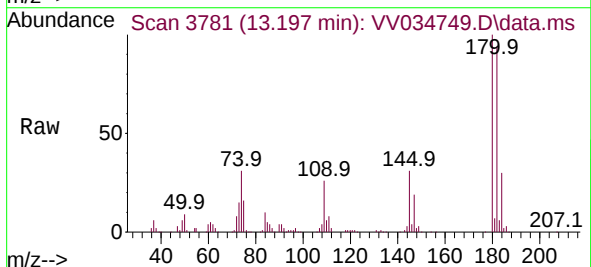
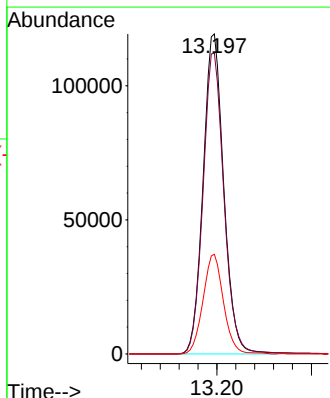
Tgt Ion:180 Resp: 180747

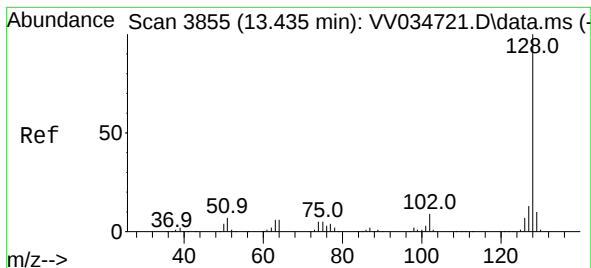
Ion Ratio Lower Upper

180 100

182 95.3 74.8 112.2

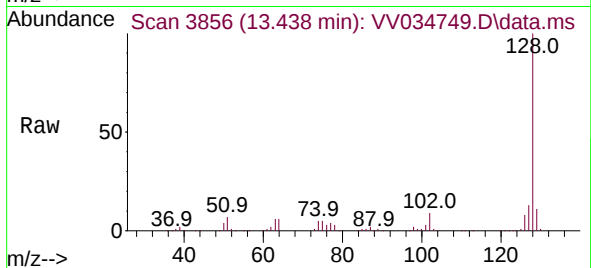
145 30.7 24.2 36.4



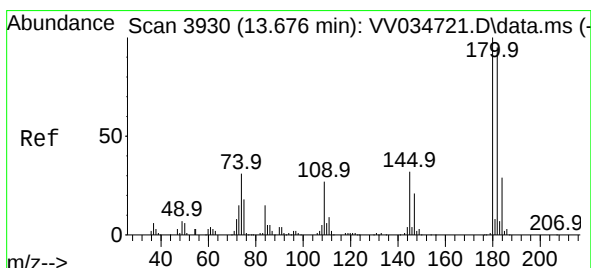
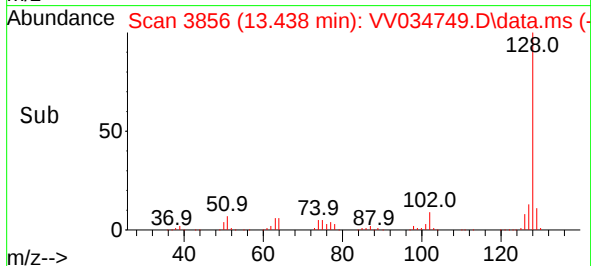
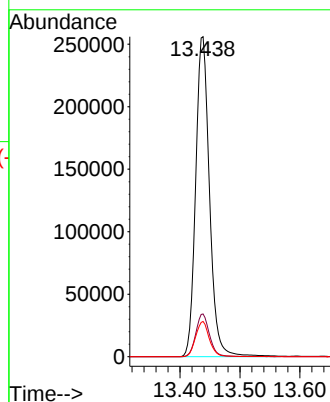


#71
Naphthalene
Concen: 39.993 ug/L
RT: 13.438 min Scan# 3855
Delta R.T. 0.003 min
Lab File: VV034749.D
Acq: 20 Mar 2024 08:51

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 411693
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 45.982 ug/L
RT: 13.676 min Scan# 3930
Delta R.T. -0.000 min
Lab File: VV034749.D
Acq: 20 Mar 2024 08:51

Tgt Ion:180 Resp: 172628
Ion Ratio Lower Upper
180 100
182 94.9 75.9 113.9
145 32.5 25.5 38.3

