

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062424\
 Data File : VV036264.D
 Acq On : 24 Jun 2024 23:41
 Operator : SY/MD
 Sample : P3010-03MSD
 Misc : 4.60g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 25 06:29:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 25 05:53:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	339370	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	210095	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	46990	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	148682	23.830	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.320%
7) Chloroethane-d5	1.526	69	134483	27.032	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.120%
11) 1,1-Dichloroethene-d2	2.050	65	59173	21.304	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.200%
21) 2-Butanone-d5	3.851	46	10828	7.564	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	15.120%#
24) Chloroform-d	4.243	84	271036	25.121	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.480%
26) 1,2-Dichloroethane-d4	4.937	65	138366	24.460	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.840%
32) Benzene-d6	4.953	84	500134	40.048	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	160.200%#
36) 1,2-Dichloropropane-d6	5.986	67	160716	40.866	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	163.480%#
41) Toluene-d8	7.240	98	347445	31.531	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	126.120%
43) trans-1,3-Dichloroprop...	7.555	79	26552	16.466	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.880%
47) 2-Hexanone-d5	8.037	63	15716	29.495	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.980%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	81503	27.733	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.920%
66) 1,2-Dichlorobenzene-d4	11.561	152	38689	22.452	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.102	85	82116	13.420	ug/L	99
3) Chloromethane	1.211	50	76821	10.939	ug/L	97
5) Vinyl chloride	1.275	62	106534	14.410	ug/L	100
6) Bromomethane	1.481	94	39196	8.546	ug/L	99
8) Chloroethane	1.542	64	74465	16.204	ug/L	98
9) Trichlorofluoromethane	1.706	101	150671	16.411	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	82261	14.118	ug/L	97
12) 1,1-Dichloroethene	2.060	96	81184	14.939	ug/L #	76
13) Acetone	2.391	43	16181	7.256	ug/L	70
14) Carbon disulfide	2.233	76	158094	8.377	ug/L	100
15) Methyl Acetate	2.391	43	18644	6.727	ug/L #	80
16) Methylene chloride	2.439	84	123114	16.032	ug/L	97
17) trans-1,2-Dichloroethene	2.687	96	67552	11.702	ug/L	95
18) Methyl tert-butyl Ether	2.700	73	237853	18.353	ug/L	99
19) 1,1-Dichloroethane	3.105	63	181120	16.475	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	72683	12.530	ug/L	100
23) Bromochloromethane	4.143	128	44344	15.240	ug/L	91
25) Chloroform	4.269	83	183005	16.182	ug/L	98
27) 1,2-Dichloroethane	5.040	62	107997	15.296	ug/L	100

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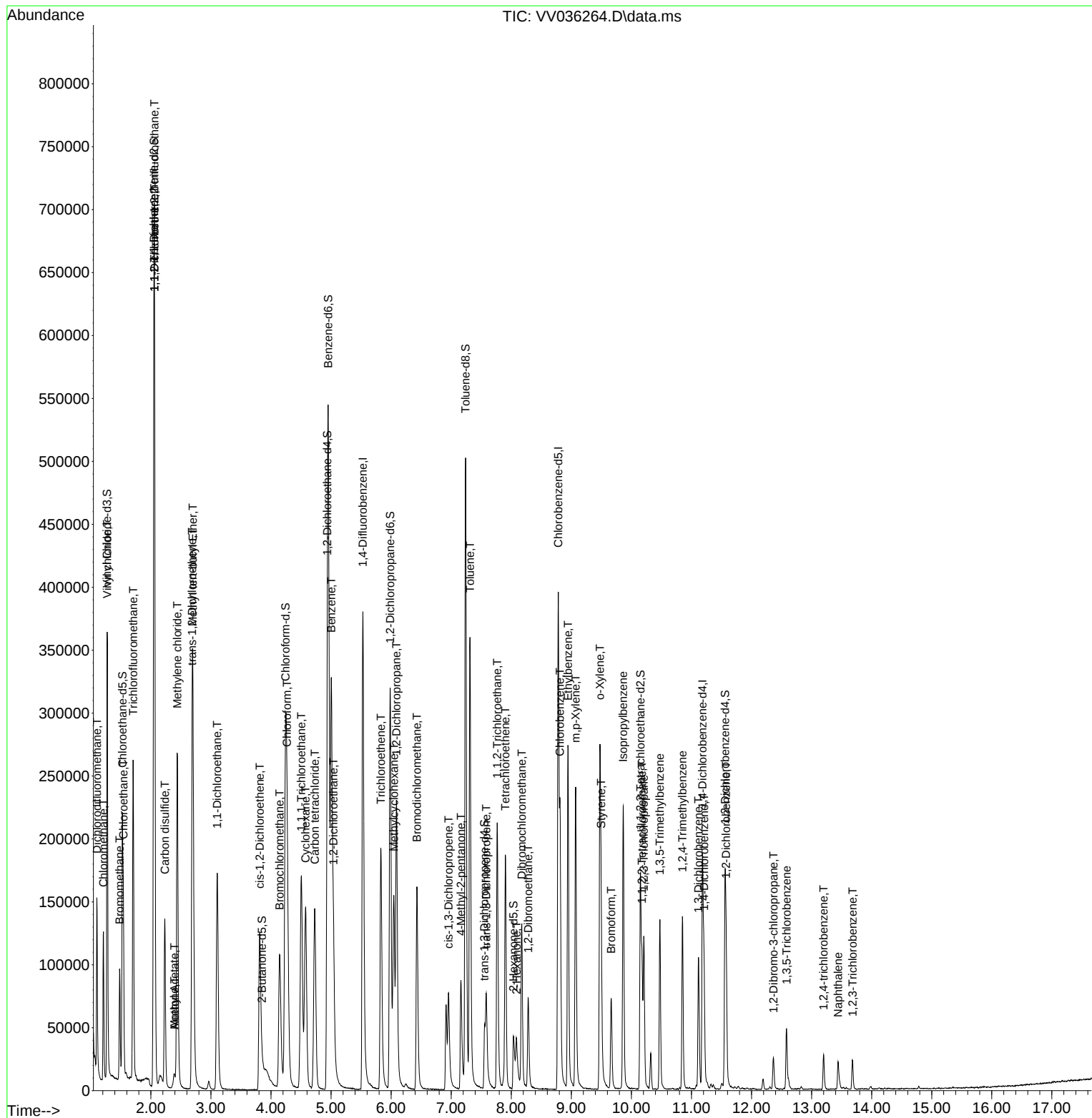
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.577	56	68966	13.787	ug/L	97
30) 1,1,1-Trichloroethane	4.507	97	141958	24.716	ug/L	98
31) Carbon tetrachloride	4.728	117	112846	22.395	ug/L	100
33) Benzene	5.005	78	341465	24.850	ug/L	100
34) Trichloroethene	5.828	95	70597	16.763	ug/L	99
35) Methylcyclohexane	6.047	83	58244	10.001	ug/L	98
37) 1,2-Dichloropropane	6.088	63	91309	25.307	ug/L	98
38) Bromodichloromethane	6.429	83	113508	23.768	ug/L	98
39) cis-1,3-Dichloropropene	6.957	75	54095	10.024	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	60194	30.707	ug/L	99
42) Toluene	7.314	91	275257	19.604	ug/L	97
44) trans-1,3-Dichloropropene	7.584	75	47422	10.174	ug/L	96
45) 1,1,2-Trichloroethane	7.767	97	69972	23.438	ug/L	99
46) Tetrachloroethene	7.902	164	42182	13.695	ug/L	93
48) 2-Hexanone	8.088	43	23995	15.657	ug/L #	96
49) Dibromochloromethane	8.175	129	67515	20.664	ug/L	100
50) 1,2-Dibromoethane	8.281	107	49270	17.200	ug/L	97
51) Chlorobenzene	8.812	112	125739	13.143	ug/L	98
52) Ethylbenzene	8.944	91	187536	12.484	ug/L	99
53) m,p-Xylene	9.072	106	66764	11.828	ug/L	100
54) o-Xylene	9.477	106	63619	11.952	ug/L	98
55) Styrene	9.497	104	75686	8.063	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	51300	19.191	ug/L	100
59) Bromoform	9.664	173	33945	38.305	ug/L	97
60) Isopropylbenzene	9.863	105	137291	22.774	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	49025	44.113	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	69049	15.795	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	70258	14.917	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	42996	13.581	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	41960	12.840	ug/L	96
67) 1,2-Dichlorobenzene	11.577	146	40938	13.741	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	6946	27.950	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	15365	6.488	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	8489	4.553	ug/L	99
71) Naphthalene	13.442	128	19090	6.273	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	6684	3.928	ug/L	95

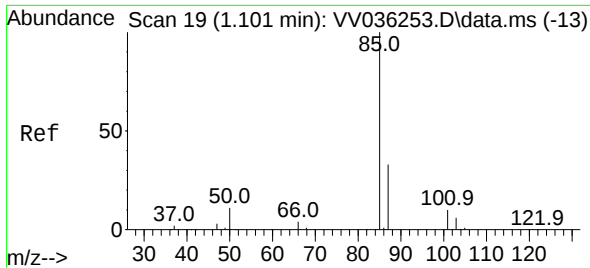
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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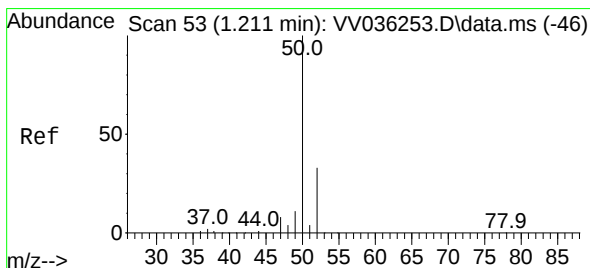
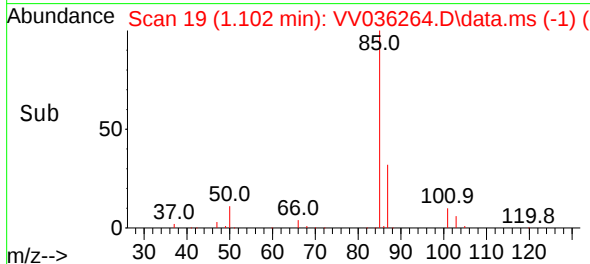
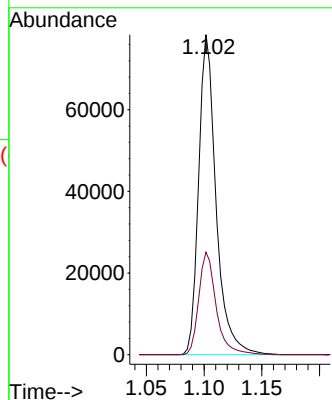
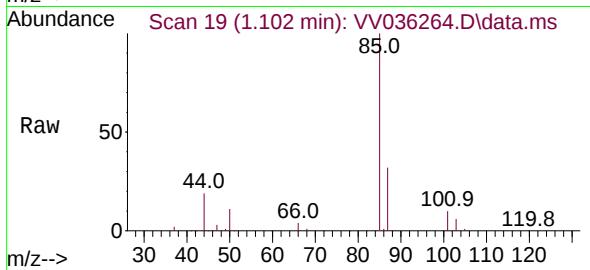




#2
 Dichlorodifluoromethane
 Concen: 13.420 ug/L
 RT: 1.102 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VV036264.D
 Acq: 24 Jun 2024 23:41

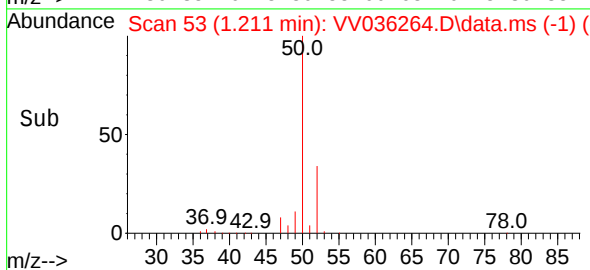
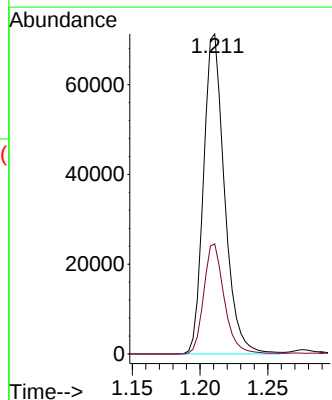
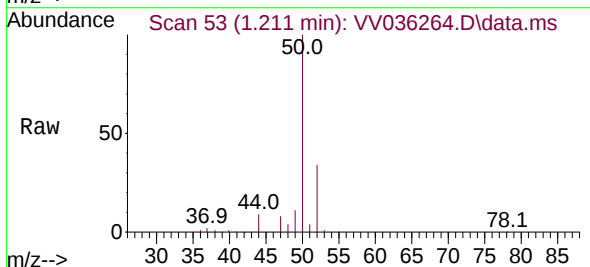
Instrument :
 MSVOA_V
 ClientSampleId :

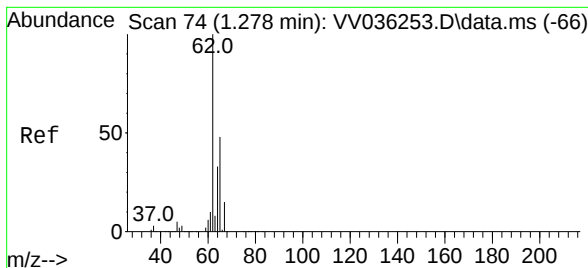
Tgt Ion: 85 Resp: 82116
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.9 38.9



#3
 Chloromethane
 Concen: 10.939 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. 0.000 min
 Lab File: VV036264.D
 Acq: 24 Jun 2024 23:41

Tgt Ion: 50 Resp: 76821
 Ion Ratio Lower Upper
 50 100
 52 34.4 22.8 42.4





#5

Vinyl chloride

Concen: 14.410 ug/L

RT: 1.275 min Scan# 74

Delta R.T. -0.003 min

Lab File: VV036264.D

Acq: 24 Jun 2024 23:41

Instrument :

MSVOA_V

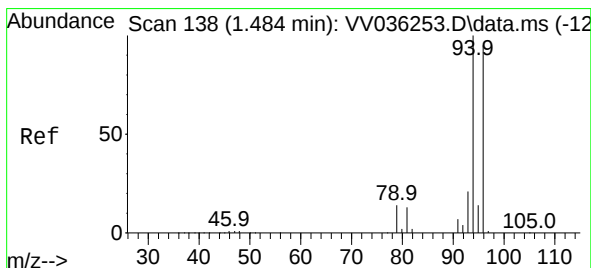
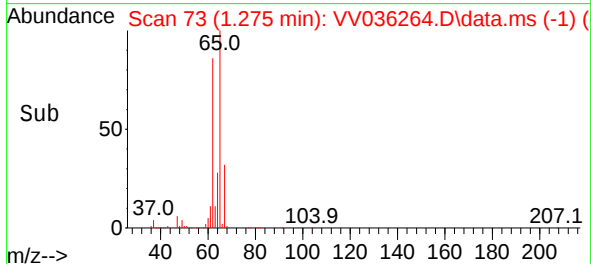
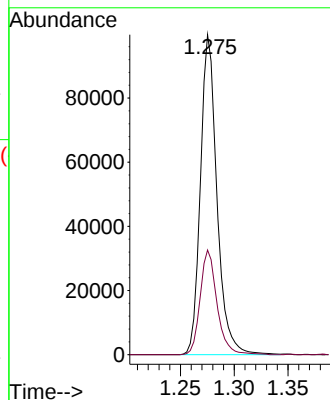
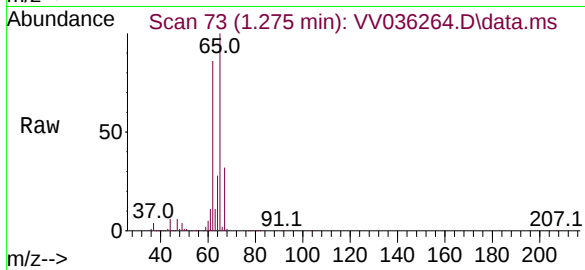
ClientSampleId :

Tgt Ion: 62 Resp: 106534

Ion Ratio Lower Upper

62 100

64 32.7 22.9 42.5



#6

Bromomethane

Concen: 8.546 ug/L

RT: 1.481 min Scan# 137

Delta R.T. -0.003 min

Lab File: VV036264.D

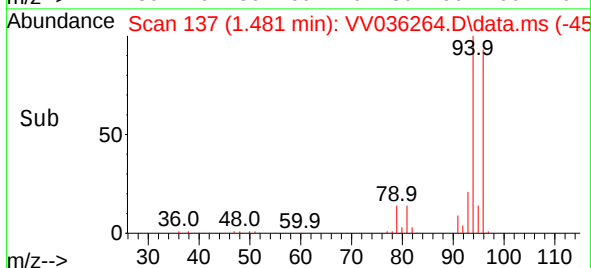
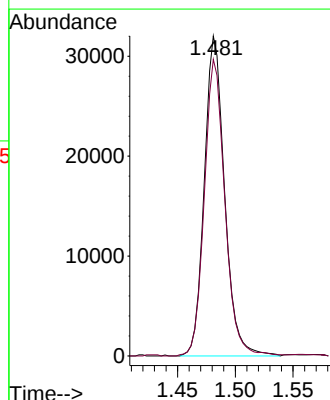
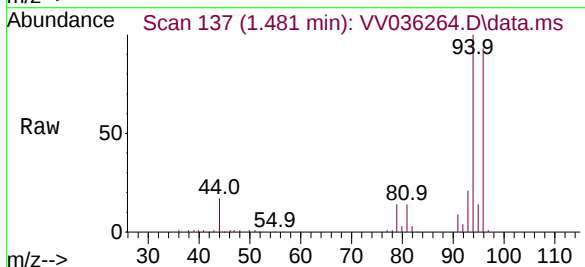
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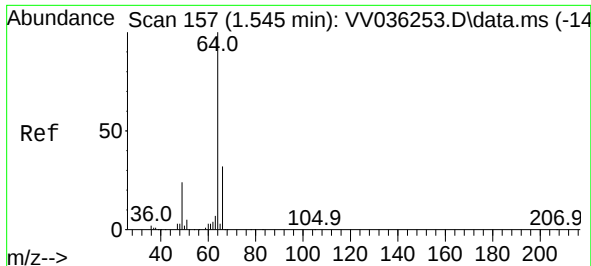
Tgt Ion: 94 Resp: 39196

Ion Ratio Lower Upper

94 100

96 92.7 65.7 122.1

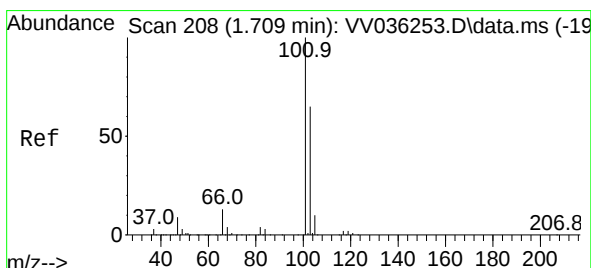
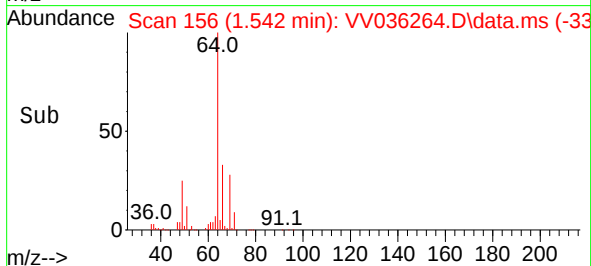
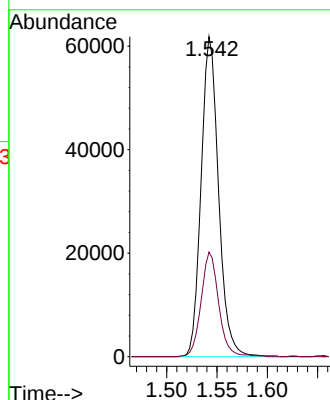
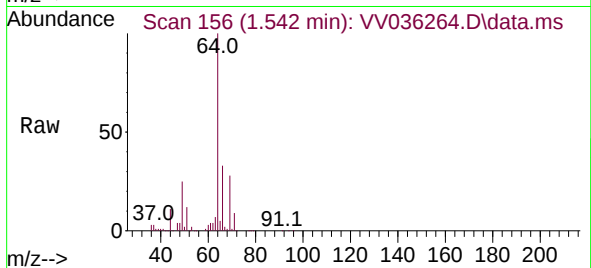




#8
Chloroethane
Concen: 16.204 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

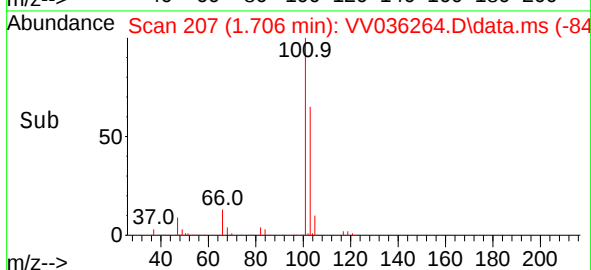
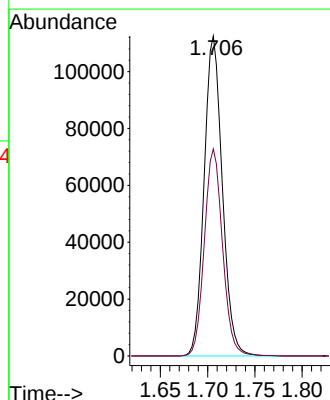
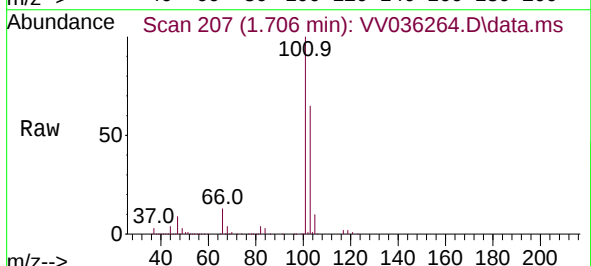
Instrument :
MSVOA_V
ClientSampleId :

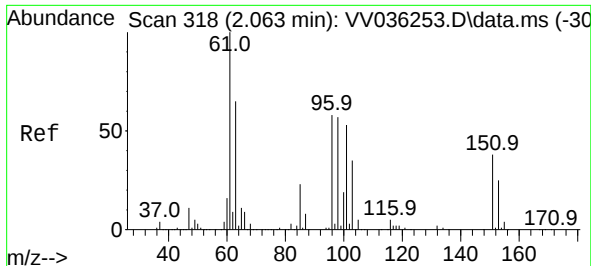
Tgt Ion: 64 Resp: 74465
Ion Ratio Lower Upper
64 100
66 32.7 22.0 41.0



#9
Trichlorofluoromethane
Concen: 16.411 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.003 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

Tgt Ion:101 Resp: 150671
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.8





#10

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

Concen: 14.118 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.003 min

Lab File: VV036264.D

Acq: 24 Jun 2024 23:41

Instrument :

MSVOA_V

ClientSampleId :

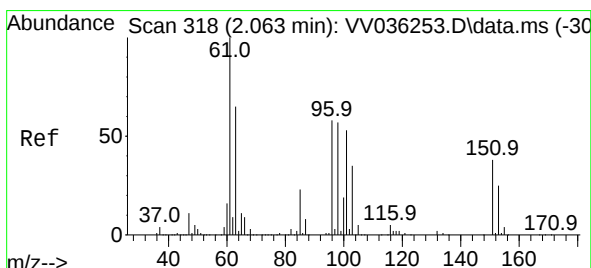
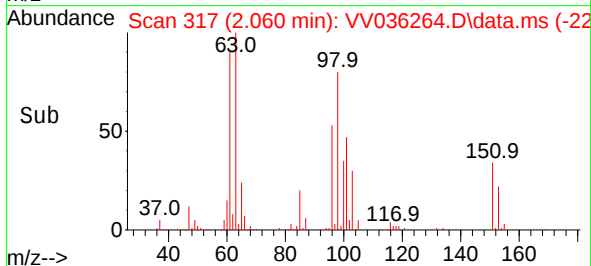
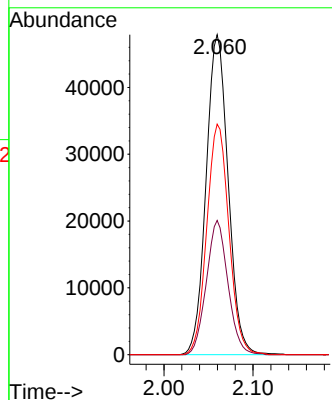
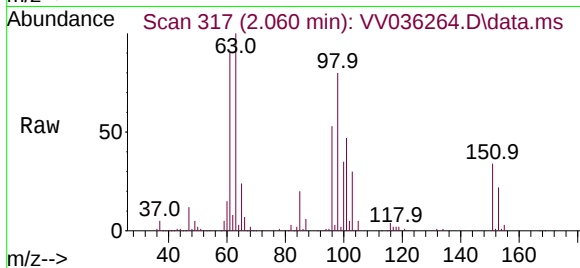
Tgt Ion:101 Resp: 82261

Ion Ratio Lower Upper

101 100

85 41.1 34.5 51.7

151 72.2 56.3 84.5



#12

1,1-Dichloroethene

Concen: 14.939 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.003 min

Lab File: VV036264.D

Acq: 24 Jun 2024 23:41

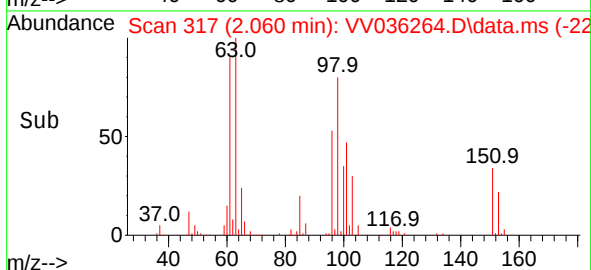
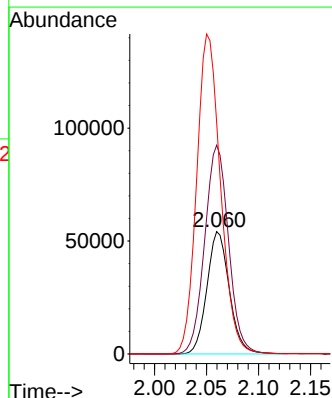
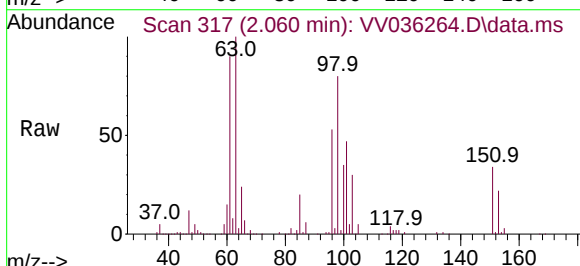
Tgt Ion: 96 Resp: 81184

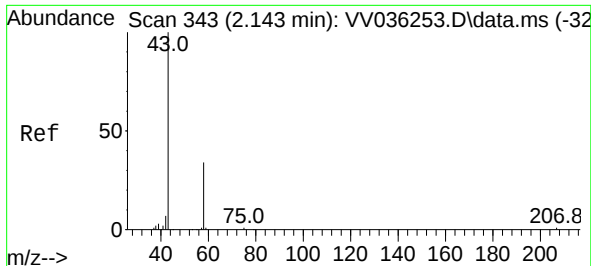
Ion Ratio Lower Upper

96 100

61 170.6 127.3 236.3

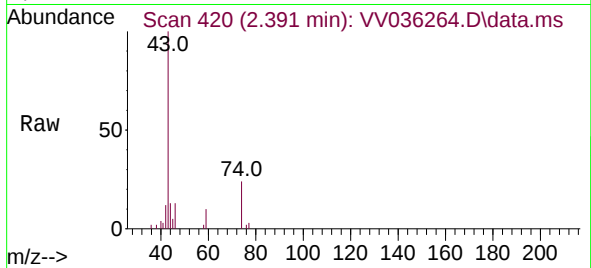
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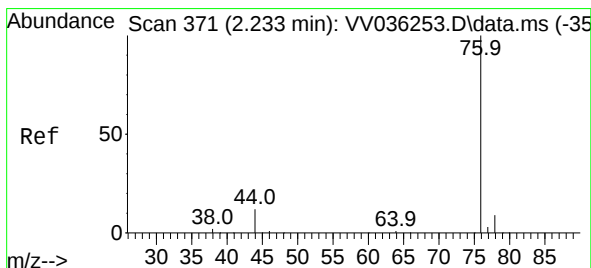
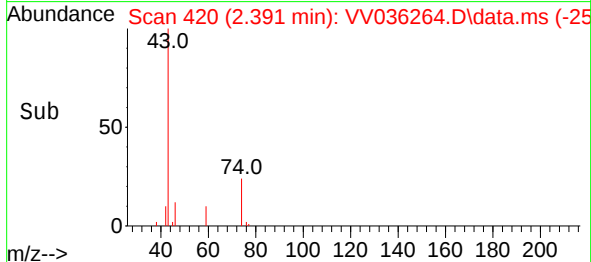
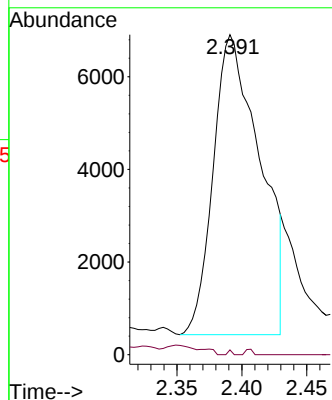


#13
Acetone
Concen: 7.256 ug/L
RT: 2.391 min Scan# 41
Delta R.T. 0.248 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

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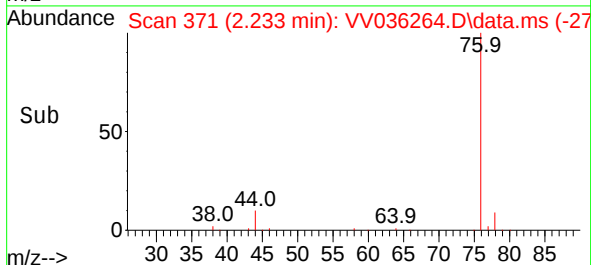
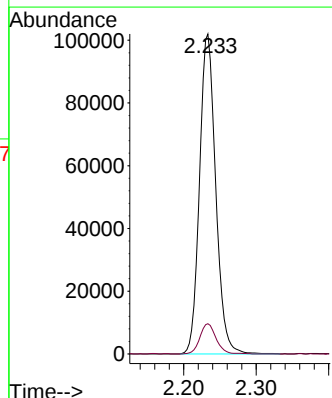
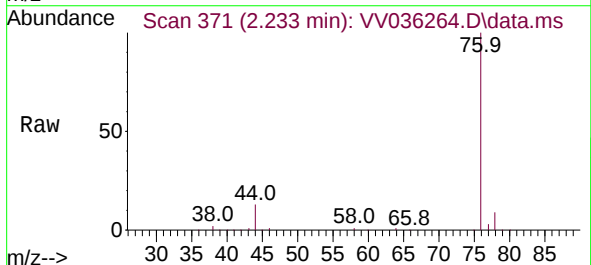


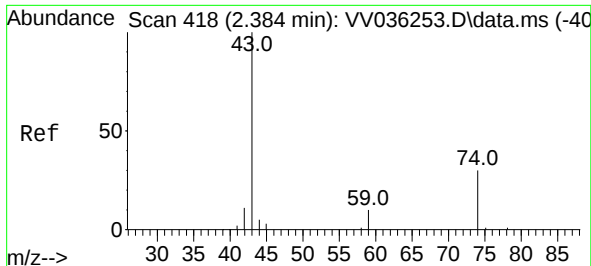
Tgt Ion: 43 Resp: 16181
Ion Ratio Lower Upper
43 100
58 0.3 0.0 24.2



#14
Carbon disulfide
Concen: 8.377 ug/L
RT: 2.233 min Scan# 371
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

Tgt Ion: 76 Resp: 158094
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2





#15

Methyl Acetate

Concen: 6.727 ug/L

RT: 2.391 min Scan# 41

Delta R.T. 0.007 min

Lab File: VV036264.D

Acq: 24 Jun 2024 23:41

Instrument :

MSVOA_V

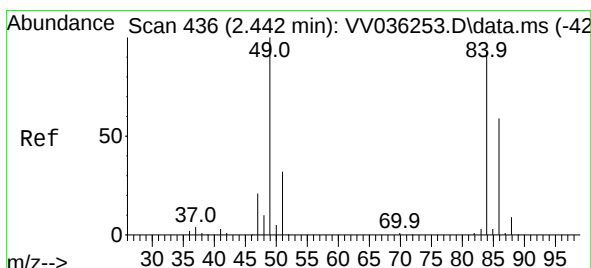
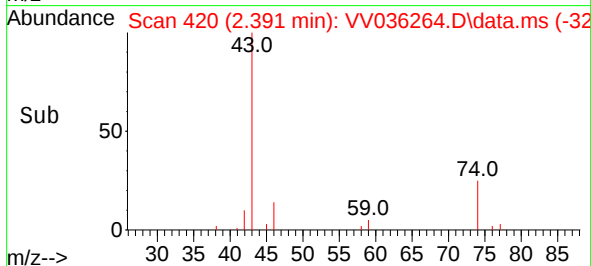
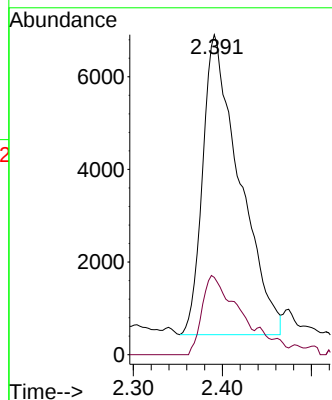
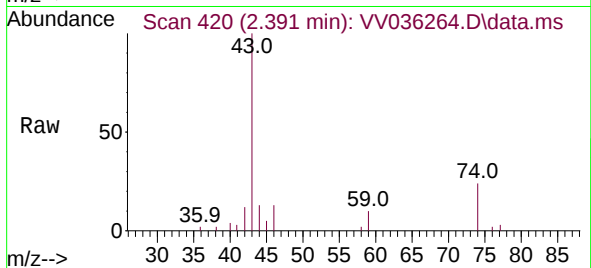
ClientSampleId :

Tgt Ion: 43 Resp: 18644

Ion Ratio Lower Upper

43 100

74 16.3 21.4 32.2#



#16

Methylene chloride

Concen: 16.032 ug/L

RT: 2.439 min Scan# 435

Delta R.T. -0.003 min

Lab File: VV036264.D

Acq: 24 Jun 2024 23:41

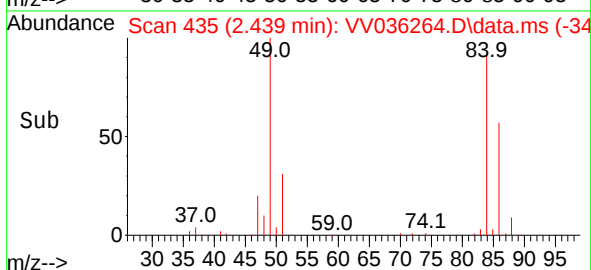
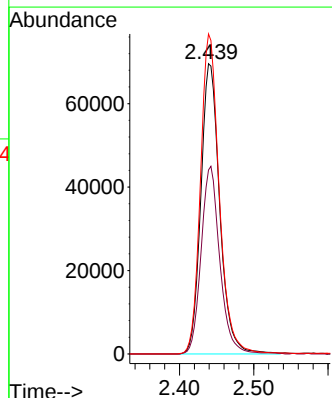
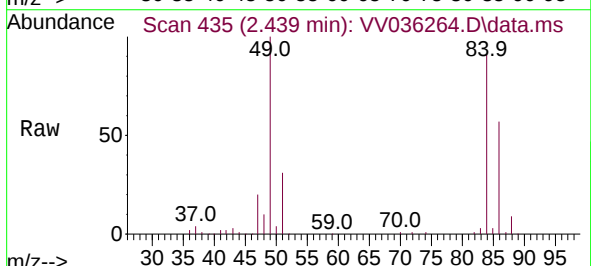
Tgt Ion: 84 Resp: 123114

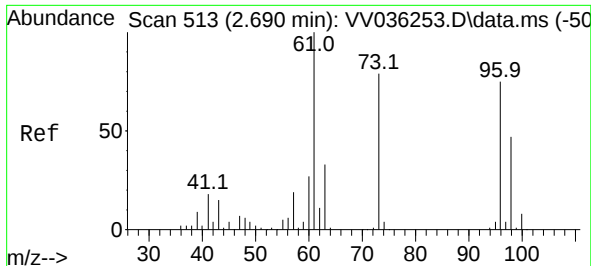
Ion Ratio Lower Upper

84 100

86 63.4 44.6 82.8

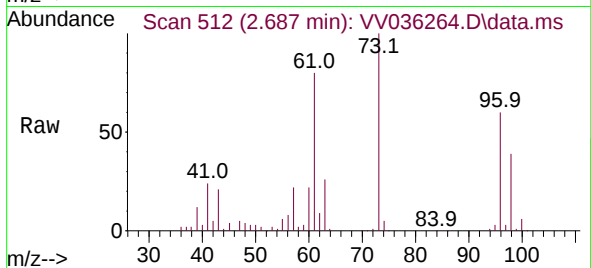
49 110.3 81.1 150.5



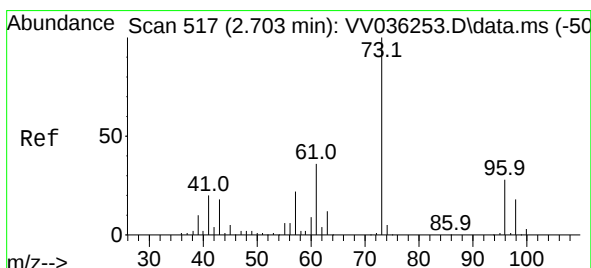
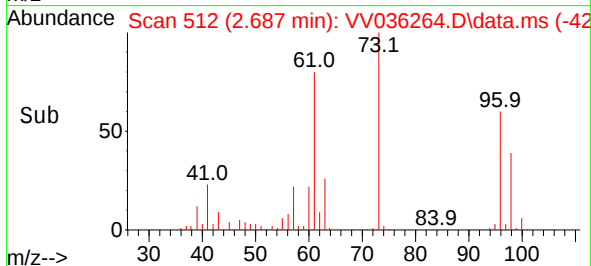
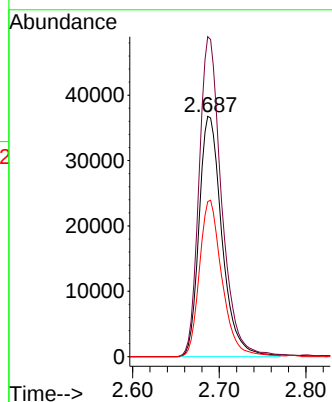


#17
trans-1,2-Dichloroethene
Concen: 11.702 ug/L
RT: 2.687 min Scan# 513
Delta R.T. -0.003 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

Instrument :
MSVOA_V
ClientSampleId :

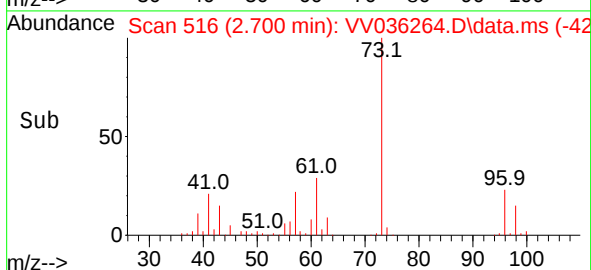
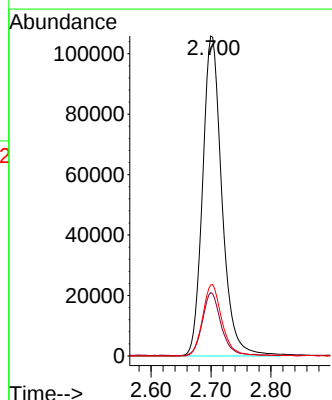
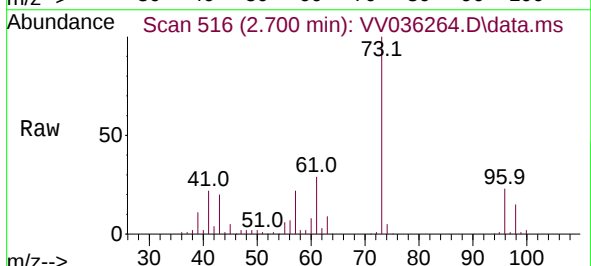


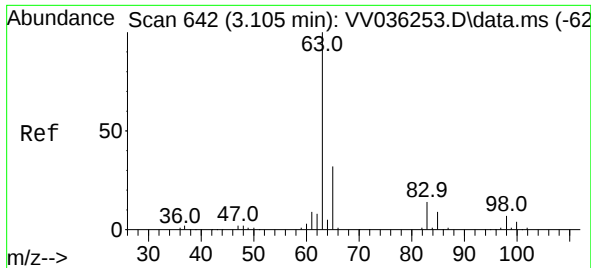
Tgt Ion: 96 Resp: 67552
Ion Ratio Lower Upper
96 100
61 133.2 99.4 184.6
98 64.5 44.9 83.3



#18
Methyl tert-butyl Ether
Concen: 18.353 ug/L
RT: 2.700 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

Tgt Ion: 73 Resp: 237853
Ion Ratio Lower Upper
73 100
43 18.9 14.3 21.5
57 22.4 17.8 26.6

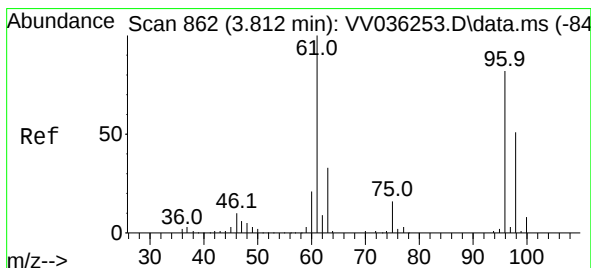
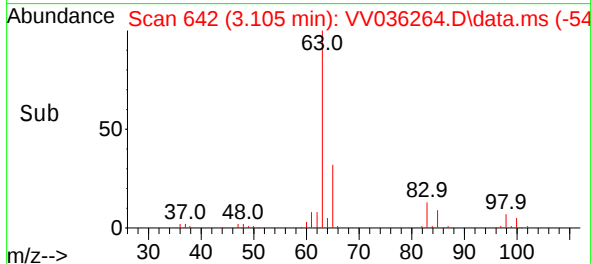
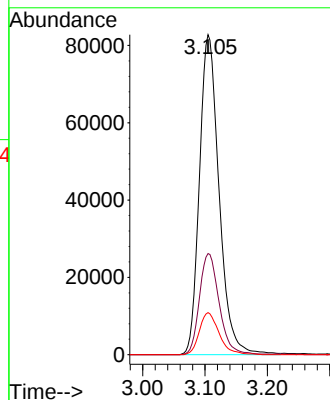
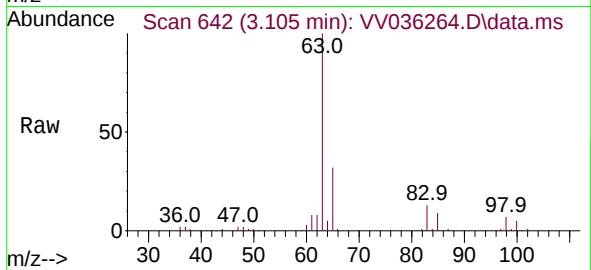




#19
1,1-Dichloroethane
Concen: 16.475 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

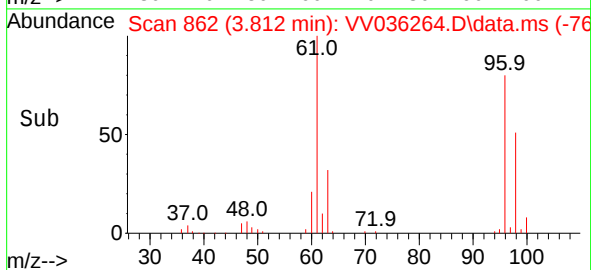
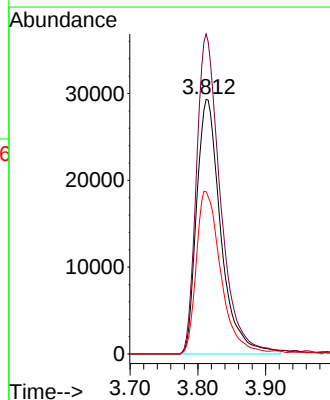
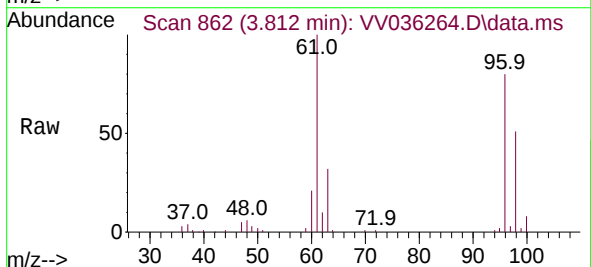
Instrument :
MSVOA_V
ClientSampleId :

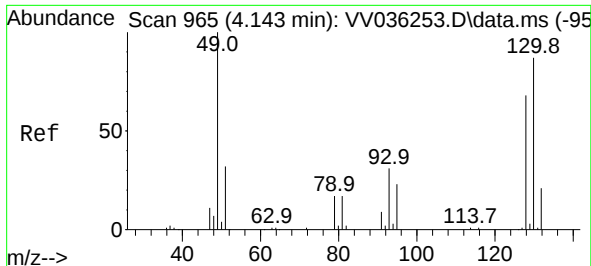
Tgt Ion: 63 Resp: 181120
Ion Ratio Lower Upper
63 100
65 31.6 22.4 41.6
83 13.1 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 12.530 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

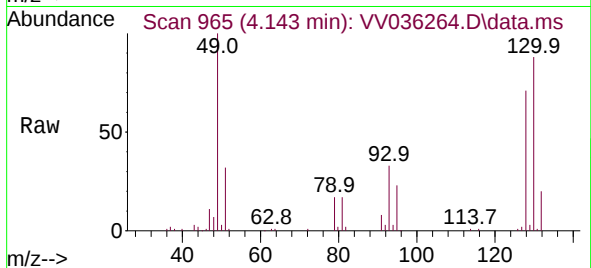
Tgt Ion: 96 Resp: 72683
Ion Ratio Lower Upper
96 100
61 125.7 87.9 163.3
98 63.7 44.4 82.5



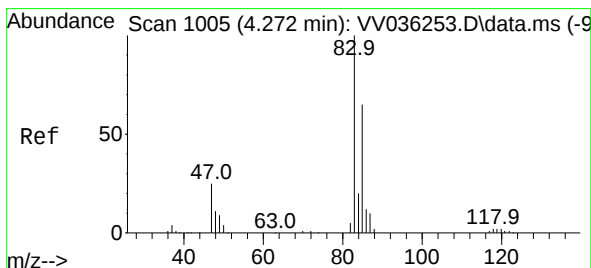
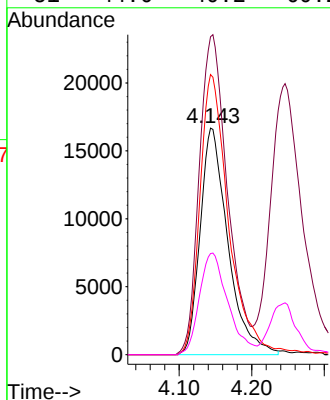
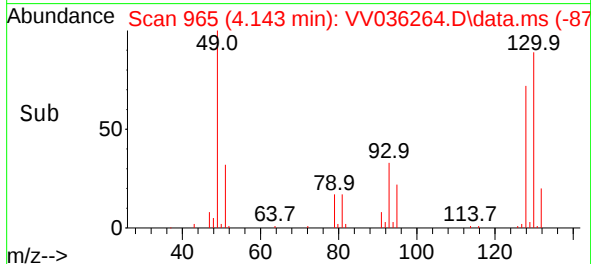


#23
Bromochloromethane
Concen: 15.240 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

Instrument :
MSVOA_V
ClientSampleId :

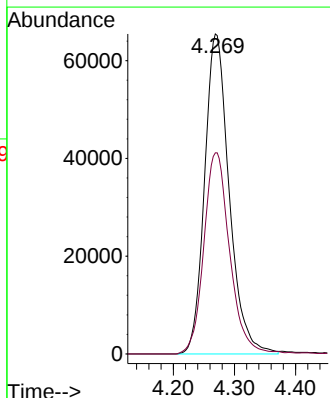
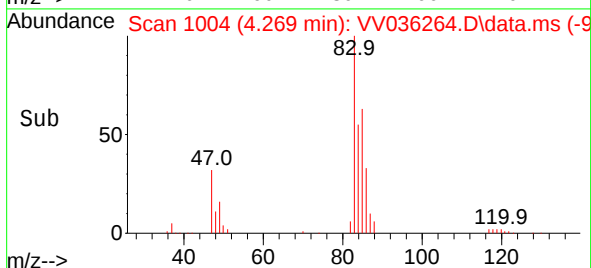
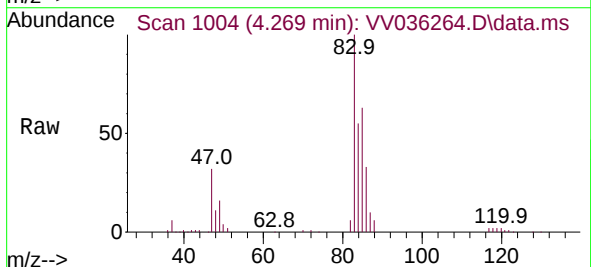


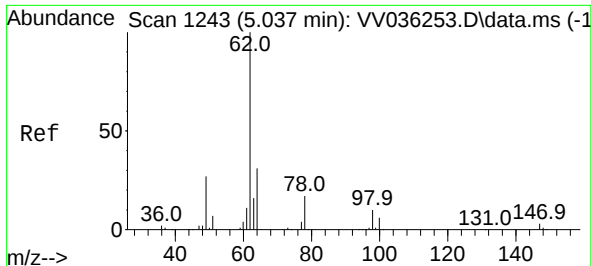
Tgt Ion:	128	Resp:	44344
Ion	Ratio	Lower	Upper
128	100		
49	140.3	110.2	204.6
130	123.6	90.2	167.4
51	44.6	40.2	60.2



#25
Chloroform
Concen: 16.182 ug/L
RT: 4.269 min Scan# 1004
Delta R.T. -0.003 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

Tgt Ion:	83	Resp:	183005
Ion	Ratio	Lower	Upper
83	100		
85	62.9	45.2	84.0





#27

1,2-Dichloroethane

Concen: 15.296 ug/L

RT: 5.040 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV036264.D

Acq: 24 Jun 2024 23:41

Instrument :

MSVOA_V

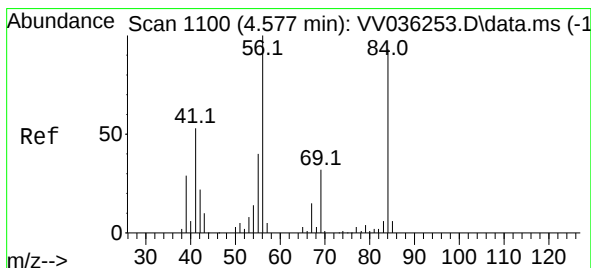
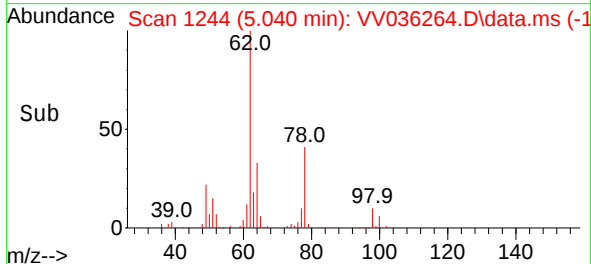
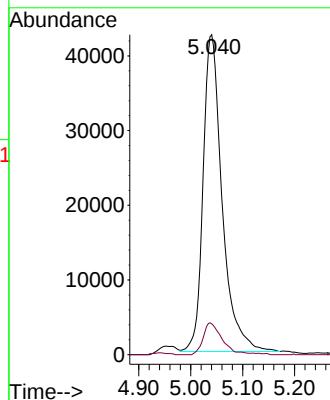
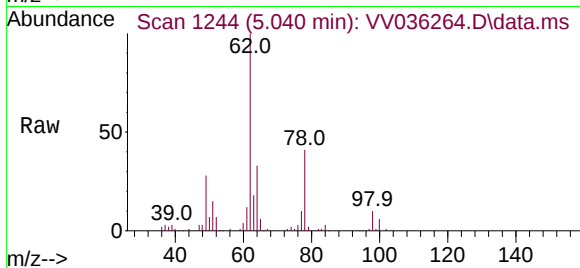
ClientSampleId :

Tgt Ion: 62 Resp: 107997

Ion Ratio Lower Upper

62 100

98 9.7 7.8 11.6



#29

Cyclohexane

Concen: 13.787 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VV036264.D

Acq: 24 Jun 2024 23:41

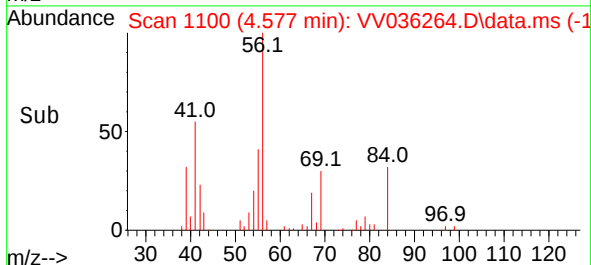
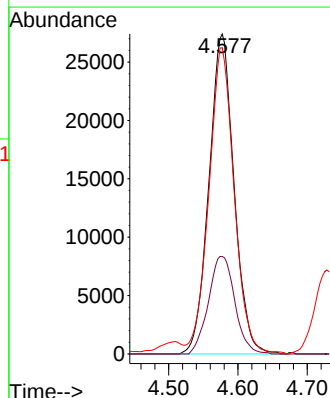
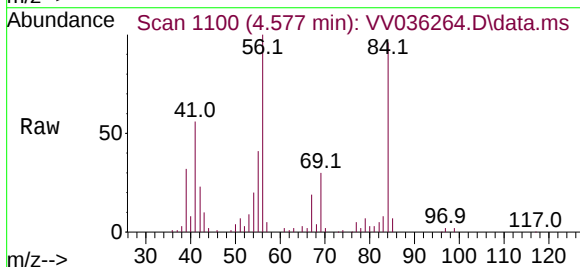
Tgt Ion: 56 Resp: 68966

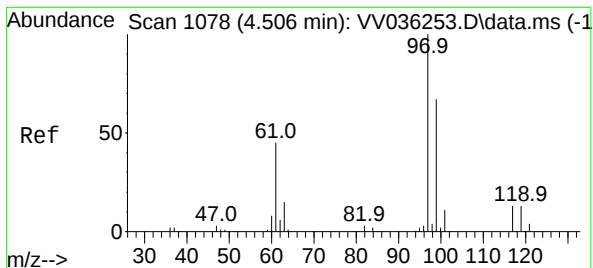
Ion Ratio Lower Upper

56 100

69 32.0 25.2 37.8

84 94.3 72.2 108.2





#30

1,1,1-Trichloroethane

Concen: 24.716 ug/L

RT: 4.507 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV036264.D

Acq: 24 Jun 2024 23:41

Instrument :

MSVOA_V

ClientSampleId :

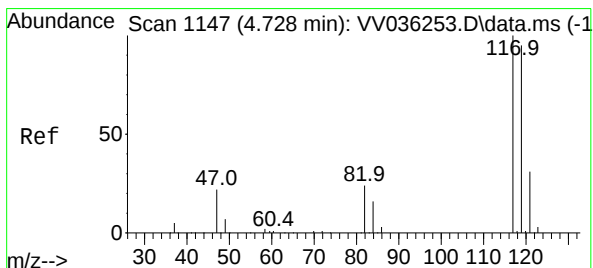
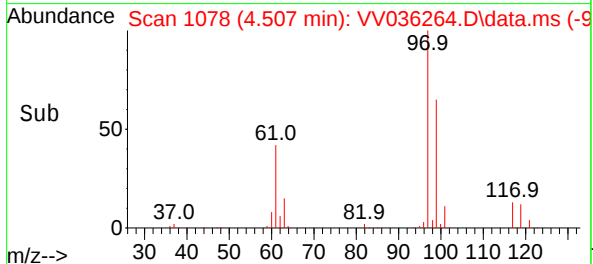
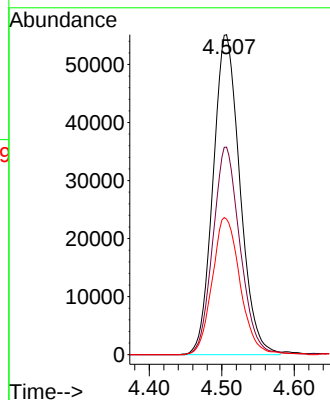
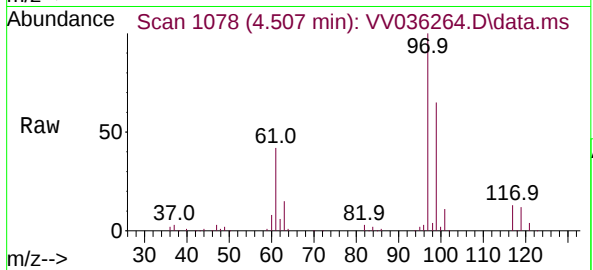
Tgt Ion: 97 Resp: 141958

Ion Ratio Lower Upper

97 100

99 65.8 50.9 76.3

61 44.4 35.0 52.6



#31

Carbon tetrachloride

Concen: 22.395 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. 0.000 min

Lab File: VV036264.D

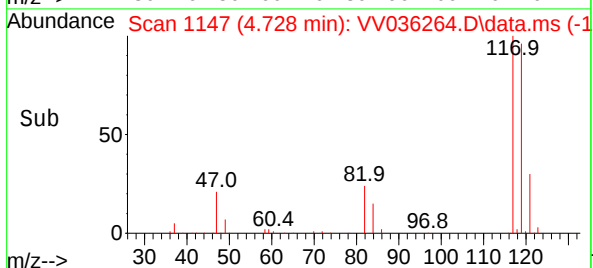
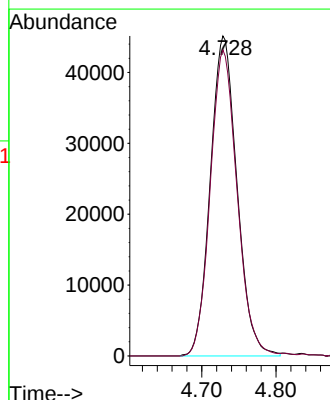
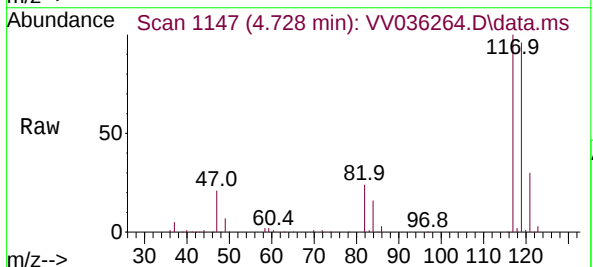
Acq: 24 Jun 2024 23:41

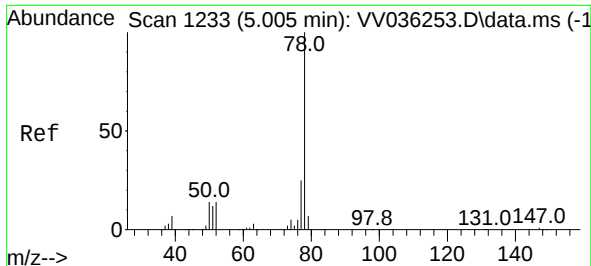
Tgt Ion: 117 Resp: 112846

Ion Ratio Lower Upper

117 100

119 95.9 76.8 115.2





#33

Benzene

Concen: 24.850 ug/L

RT: 5.005 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VV036264.D

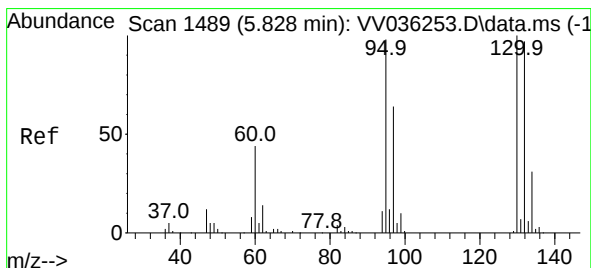
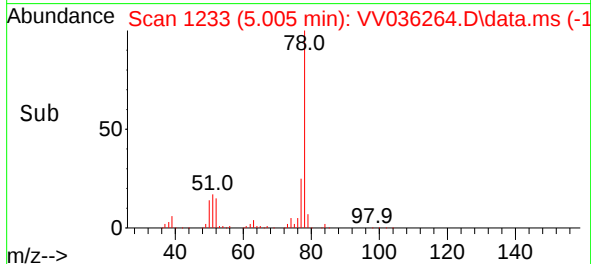
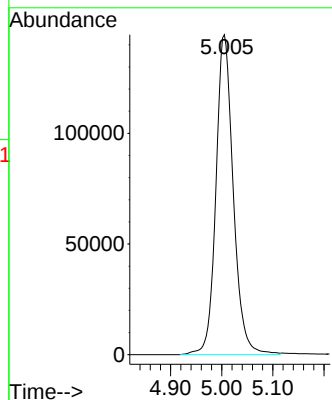
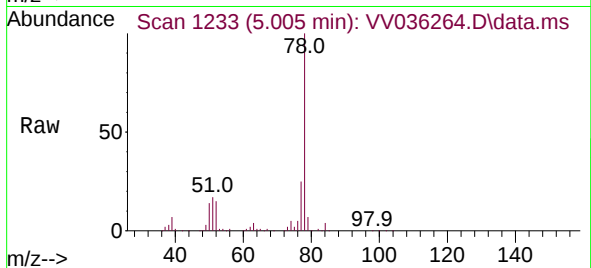
Acq: 24 Jun 2024 23:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 341465



#34

Trichloroethene

Concen: 16.763 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV036264.D

Acq: 24 Jun 2024 23:41

Tgt Ion: 95 Resp: 70597

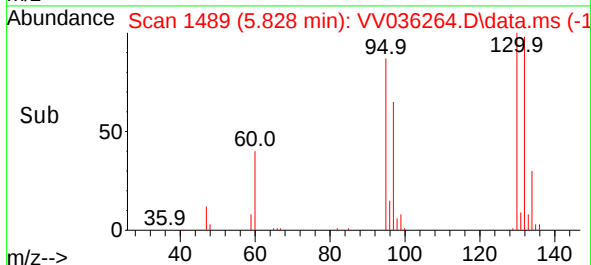
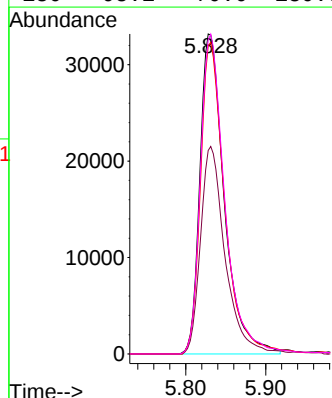
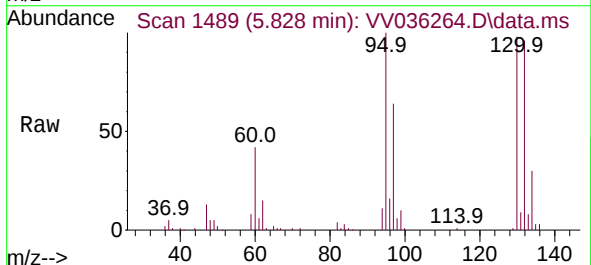
Ion Ratio Lower Upper

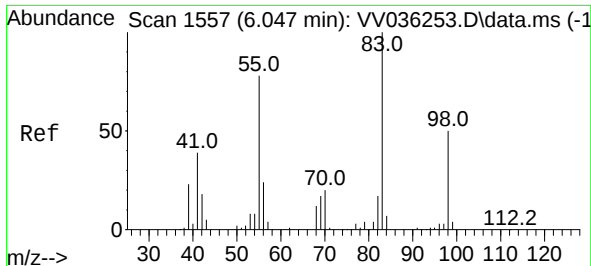
95 100

97 63.6 44.8 83.2

132 96.3 66.8 124.2

130 98.1 70.0 130.0





#35

Methylcyclohexane

Concen: 10.001 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV036264.D

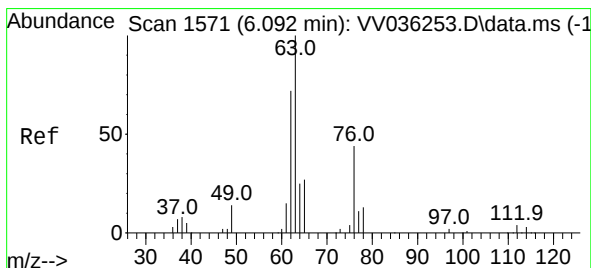
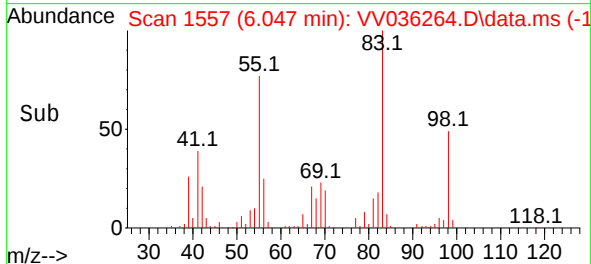
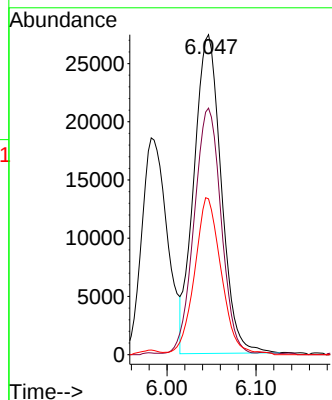
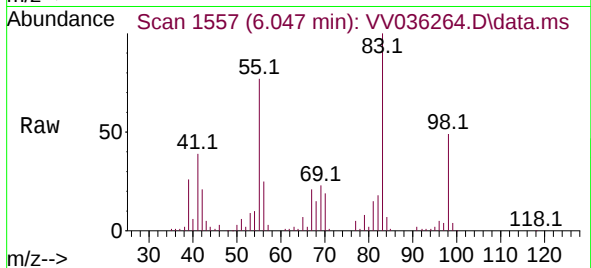
Acq: 24 Jun 2024 23:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	58244
Ion Ratio	Lower	Upper	
83	100		
55	77.1	60.7	91.1
98	46.6	38.7	58.1



#37

1,2-Dichloropropane

Concen: 25.307 ug/L

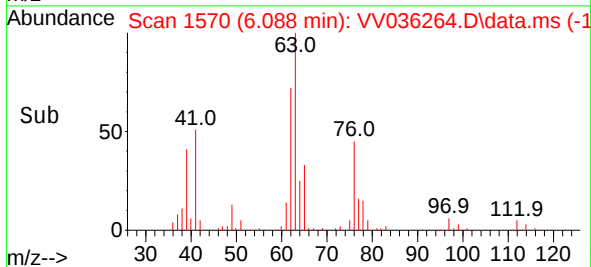
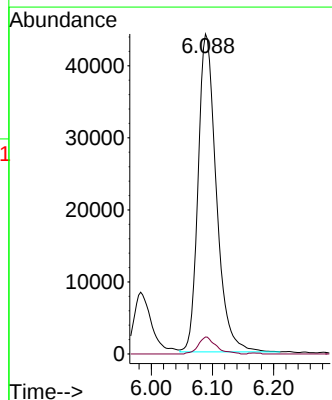
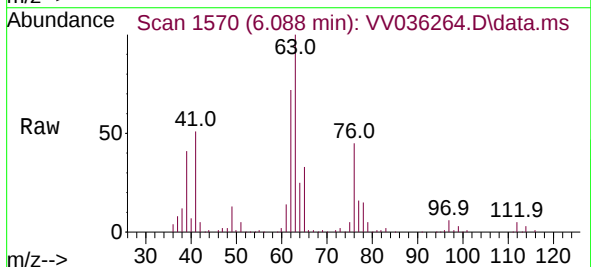
RT: 6.088 min Scan# 1570

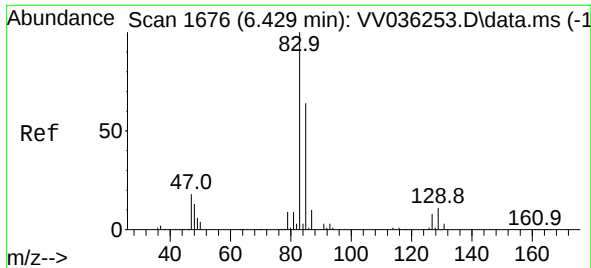
Delta R.T. -0.003 min

Lab File: VV036264.D

Acq: 24 Jun 2024 23:41

Tgt Ion:	63	Resp:	91309
Ion Ratio	Lower	Upper	
63	100		
112	5.2	3.5	5.3





#38

Bromodichloromethane

Concen: 23.768 ug/L

RT: 6.429 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV036264.D

Acq: 24 Jun 2024 23:41

Instrument :

MSVOA_V

ClientSampleId :

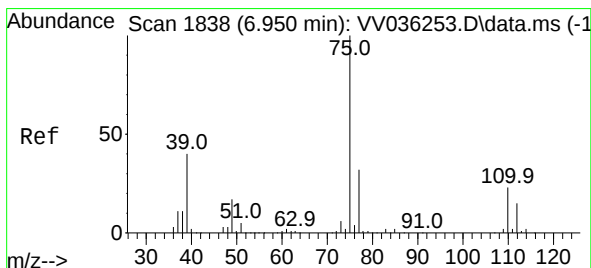
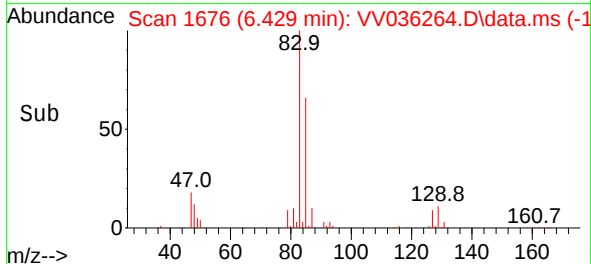
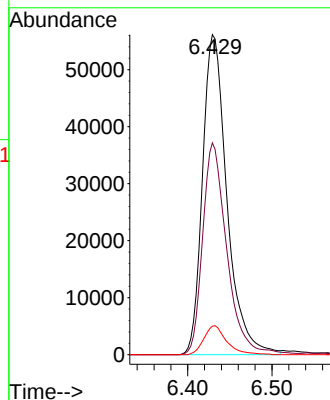
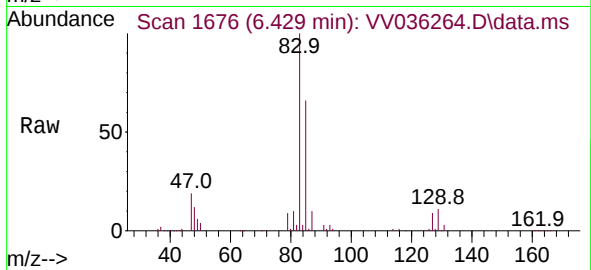
Tgt Ion: 83 Resp: 113508

Ion Ratio Lower Upper

83 100

85 66.2 45.3 84.1

127 8.9 6.7 10.1



#39

cis-1,3-Dichloropropene

Concen: 10.024 ug/L

RT: 6.957 min Scan# 1840

Delta R.T. 0.007 min

Lab File: VV036264.D

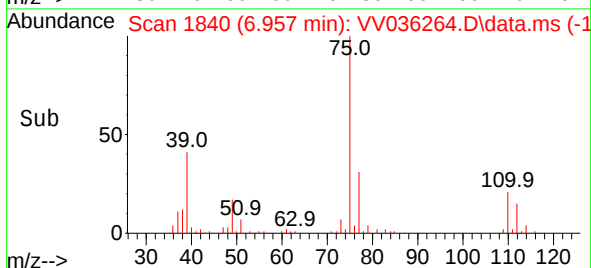
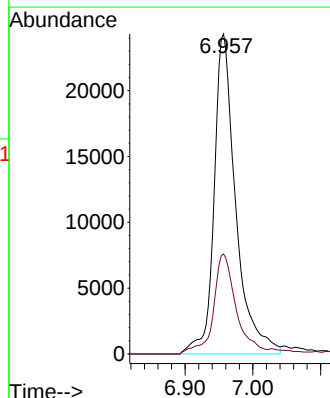
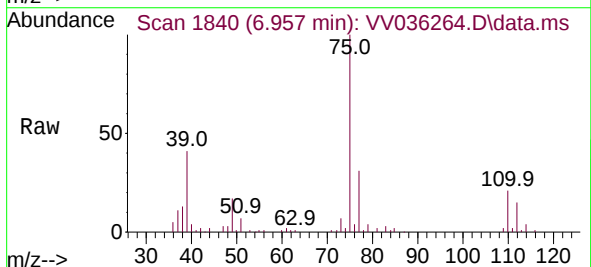
Acq: 24 Jun 2024 23:41

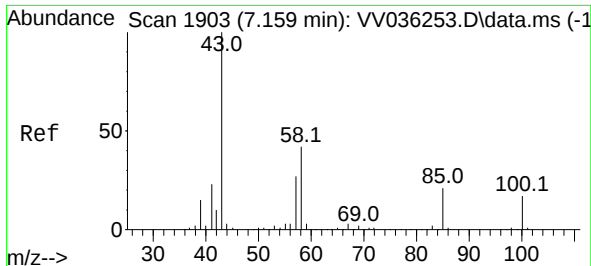
Tgt Ion: 75 Resp: 54095

Ion Ratio Lower Upper

75 100

77 31.3 22.1 41.1





#40

4-Methyl-2-pentanone

Concen: 30.707 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.003 min

Lab File: VV036264.D

Acq: 24 Jun 2024 23:41

Instrument :

MSVOA_V

ClientSampleId :

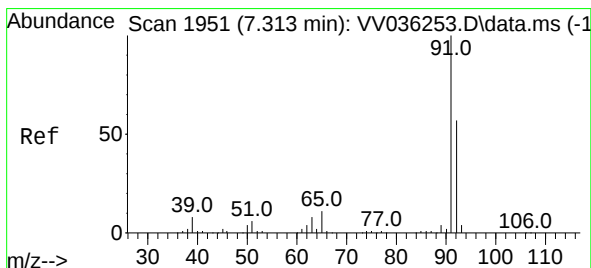
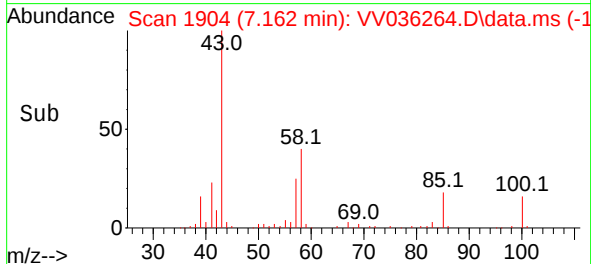
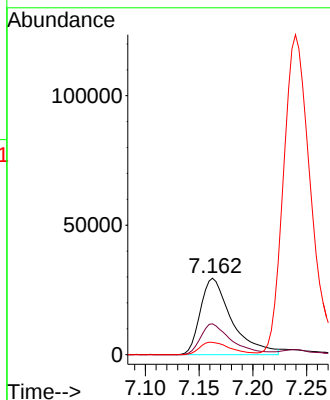
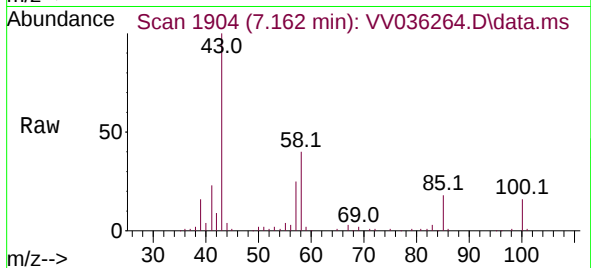
Tgt Ion: 43 Resp: 60194

Ion Ratio Lower Upper

43 100

58 39.8 32.5 48.7

100 16.1 12.5 18.7



#42

Toluene

Concen: 19.604 ug/L

RT: 7.314 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV036264.D

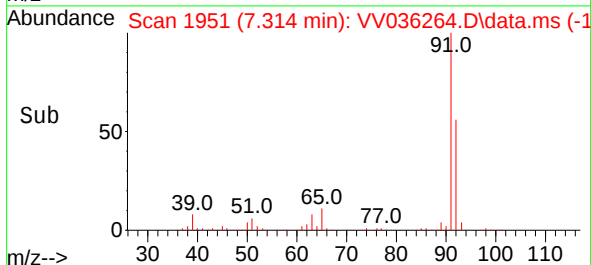
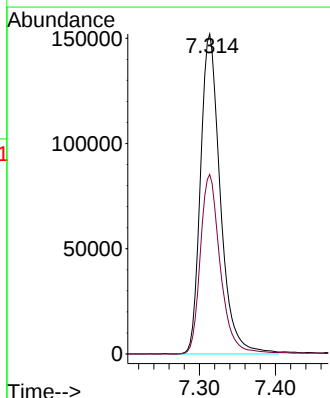
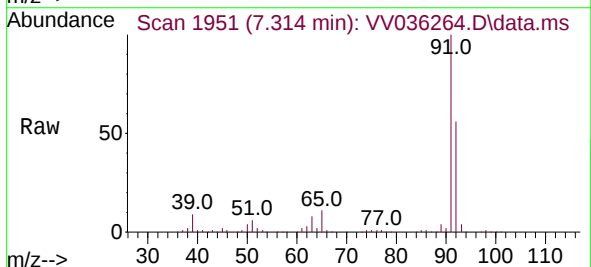
Acq: 24 Jun 2024 23:41

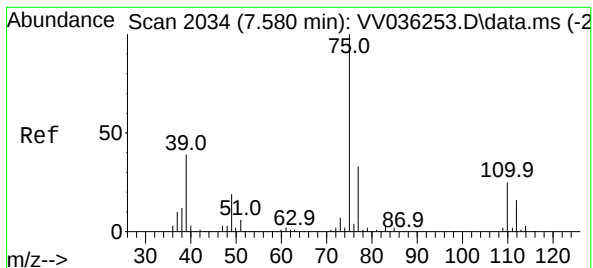
Tgt Ion: 91 Resp: 275257

Ion Ratio Lower Upper

91 100

92 56.1 40.6 75.4





#44

trans-1,3-Dichloropropene

Concen: 10.174 ug/L

RT: 7.584 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV036264.D

Acq: 24 Jun 2024 23:41

Instrument :

MSVOA_V

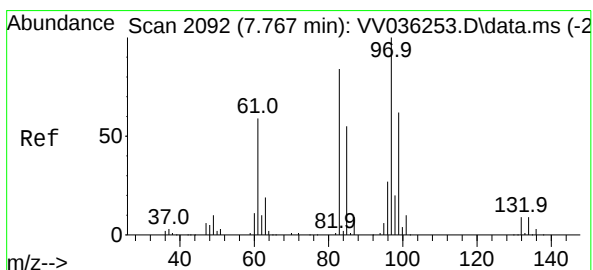
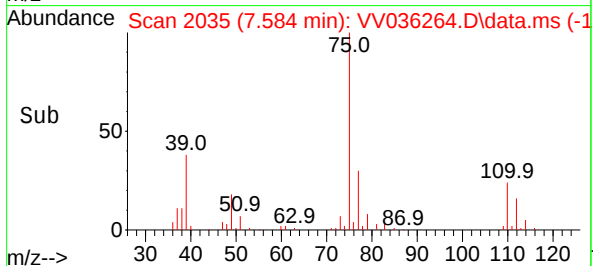
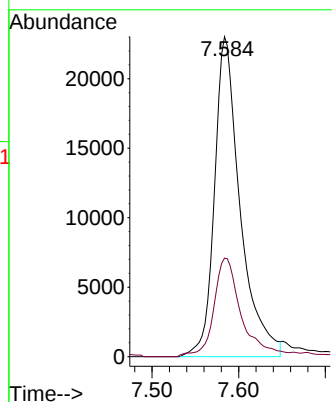
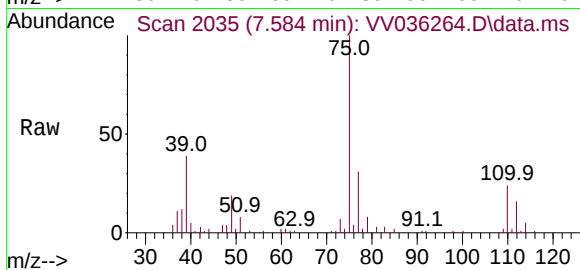
ClientSampleId :

Tgt Ion: 75 Resp: 47422

Ion Ratio Lower Upper

75 100

77 30.8 23.1 42.9



#45

1,1,2-Trichloroethane

Concen: 23.438 ug/L

RT: 7.767 min Scan# 2092

Delta R.T. 0.000 min

Lab File: VV036264.D

Acq: 24 Jun 2024 23:41

Tgt Ion: 97 Resp: 69972

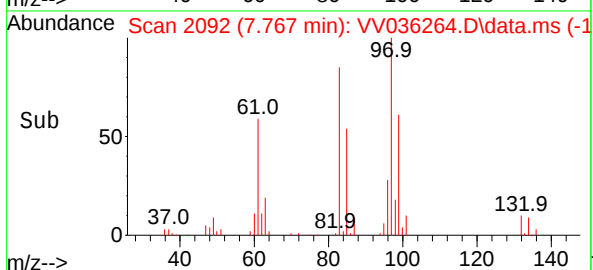
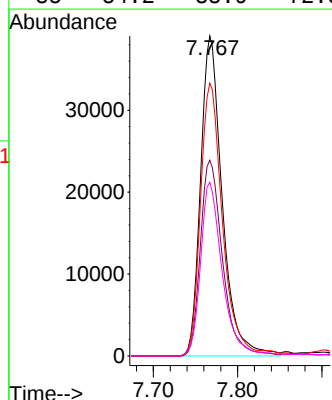
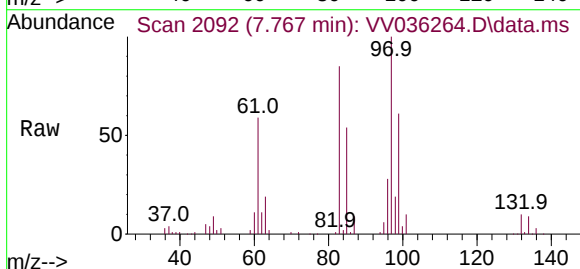
Ion Ratio Lower Upper

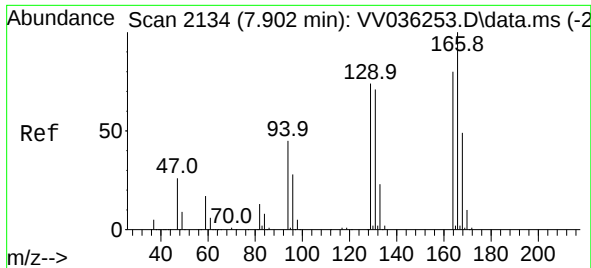
97 100

99 61.2 43.3 80.5

83 85.2 60.1 111.7

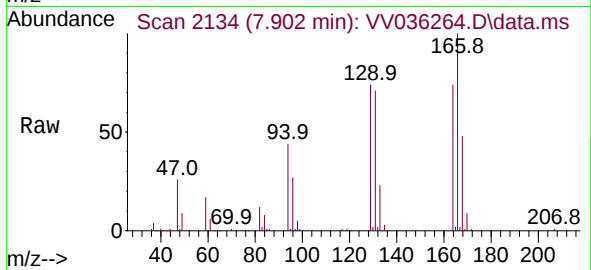
85 54.2 38.9 72.3





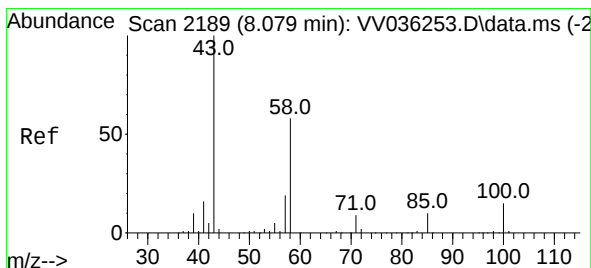
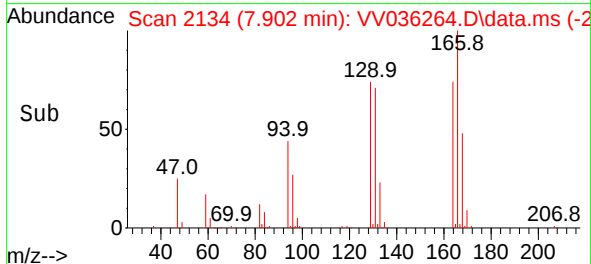
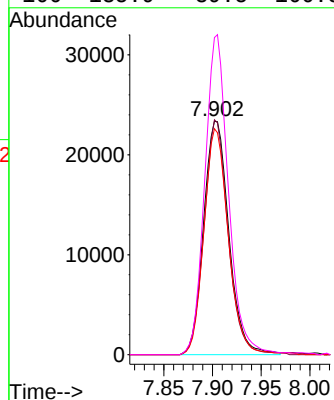
#46
Tetrachloroethene
Concen: 13.695 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 42182

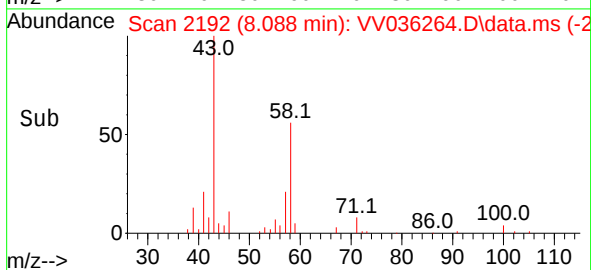
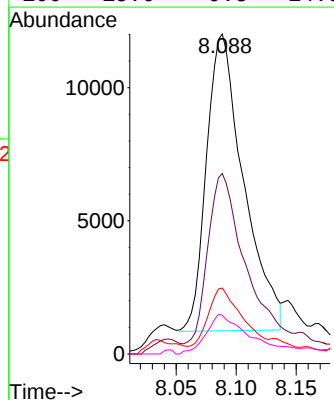
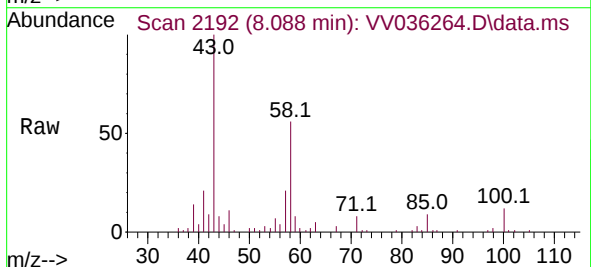
Ion	Ratio	Lower	Upper
164	100		
129	100.7	64.6	120.0
131	96.8	63.2	117.4
166	135.9	89.5	166.3

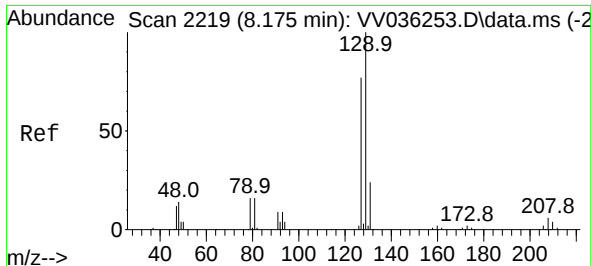


#48
2-Hexanone
Concen: 15.657 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. 0.010 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

Tgt Ion: 43 Resp: 23995

Ion	Ratio	Lower	Upper
43	100		
58	59.3	45.4	68.0
57	17.9	15.8	23.8
100	15.6	9.8	14.8

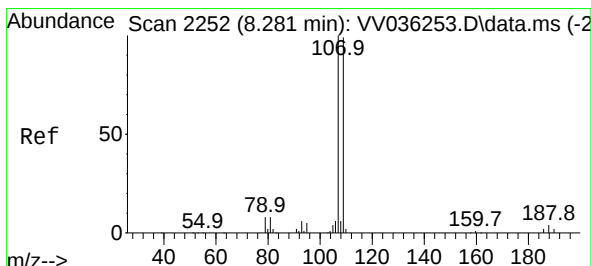
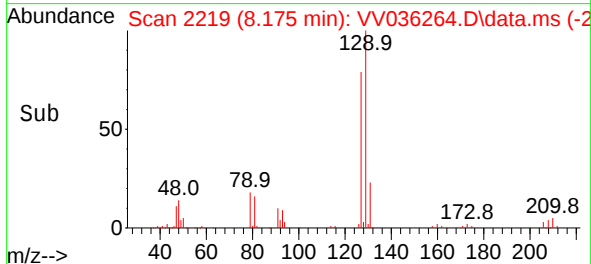
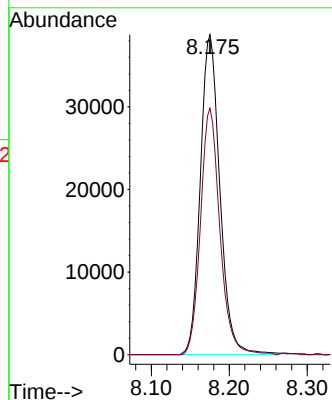
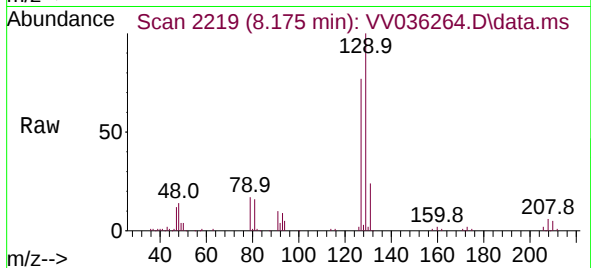




#49
Dibromochloromethane
Concen: 20.664 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

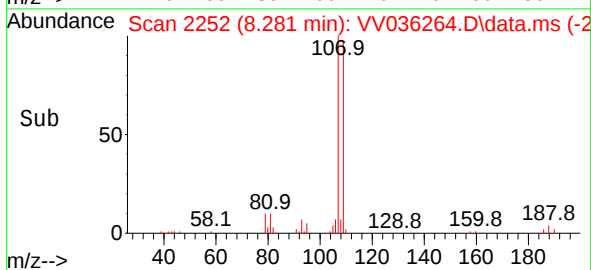
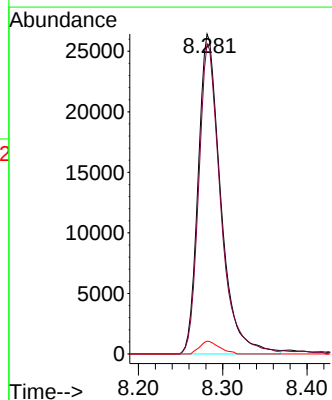
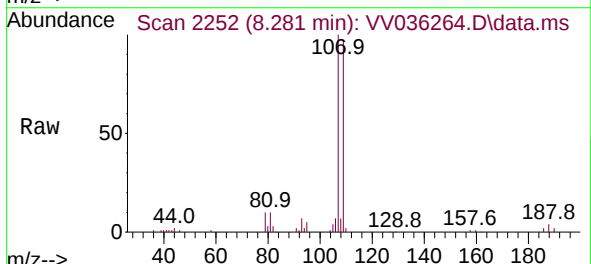
Instrument :
MSVOA_V
ClientSampleId :

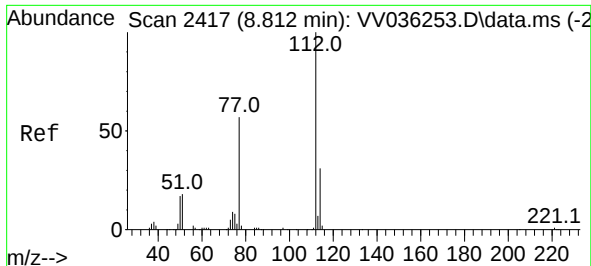
Tgt Ion:129 Resp: 67515
Ion Ratio Lower Upper
129 100
127 77.0 53.9 100.1



#50
1,2-Dibromoethane
Concen: 17.200 ug/L
RT: 8.281 min Scan# 2252
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

Tgt Ion:107 Resp: 49270
Ion Ratio Lower Upper
107 100
109 97.0 66.1 122.7
188 4.0 3.0 4.6

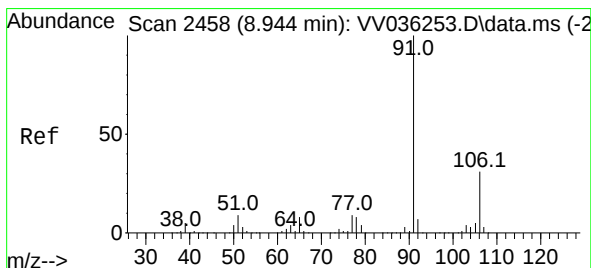
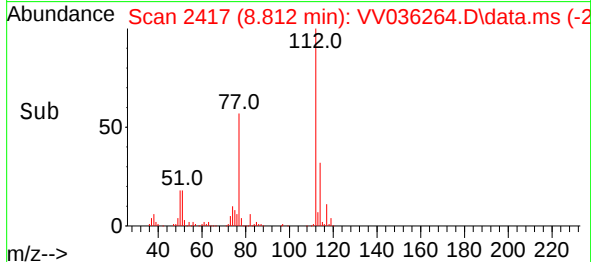
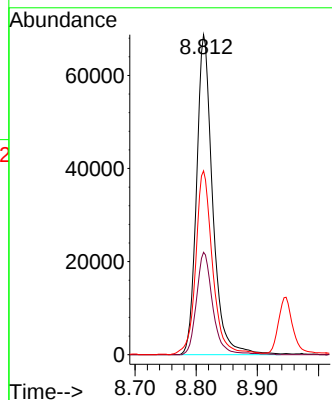
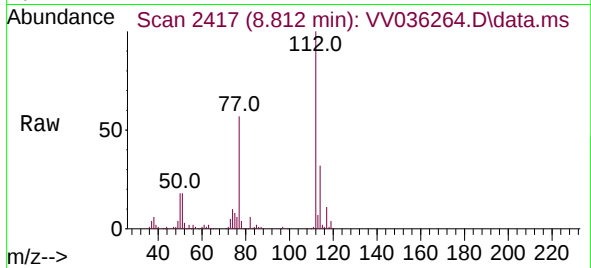




#51
Chlorobenzene
Concen: 13.143 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

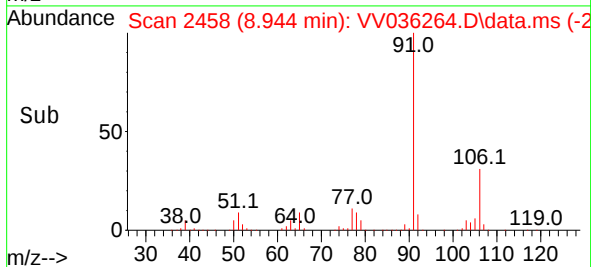
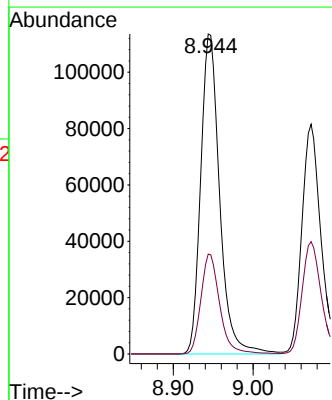
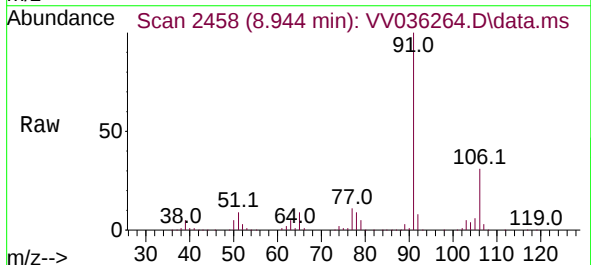
Instrument :
MSVOA_V
ClientSampleId :

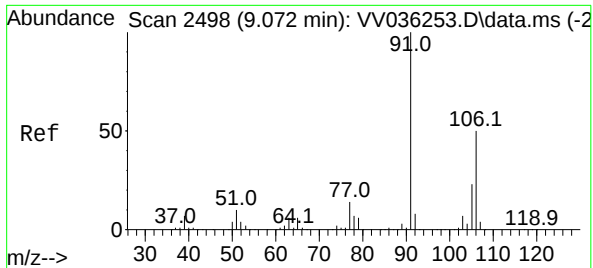
Tgt Ion:112 Resp: 125739
Ion Ratio Lower Upper
112 100
114 32.0 22.3 41.5
77 57.4 47.3 70.9



#52
Ethylbenzene
Concen: 12.484 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

Tgt Ion: 91 Resp: 187536
Ion Ratio Lower Upper
91 100
106 31.2 21.6 40.0





#53

m,p-Xylene

Concen: 11.828 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.000 min

Lab File: VV036264.D

Acq: 24 Jun 2024 23:41

Instrument :

MSVOA_V

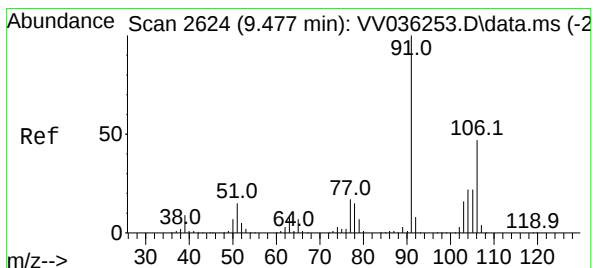
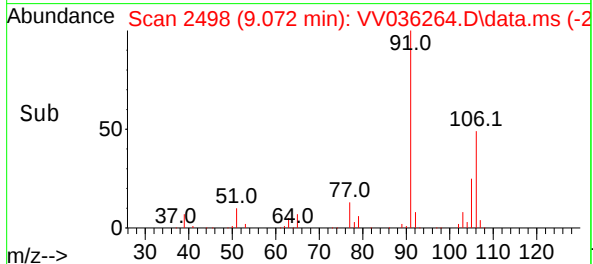
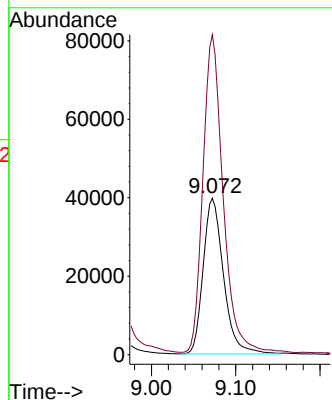
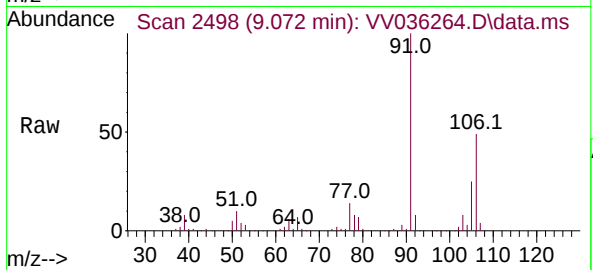
ClientSampleId :

Tgt Ion:106 Resp: 66764

Ion Ratio Lower Upper

106 100

91 204.5 143.1 265.9



#54

o-Xylene

Concen: 11.952 ug/L

RT: 9.477 min Scan# 2624

Delta R.T. 0.000 min

Lab File: VV036264.D

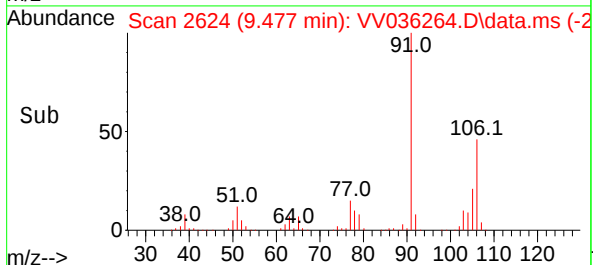
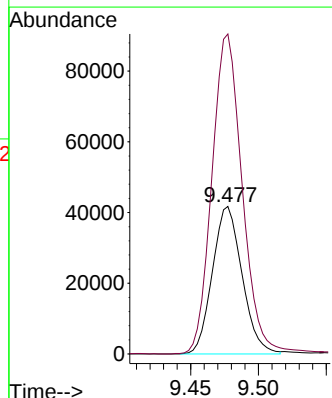
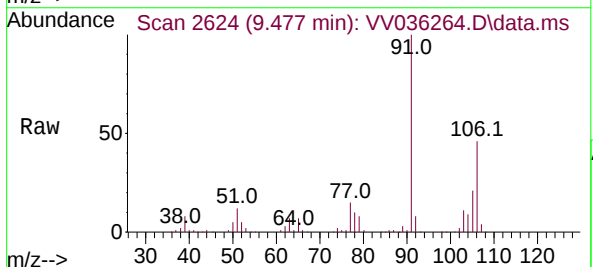
Acq: 24 Jun 2024 23:41

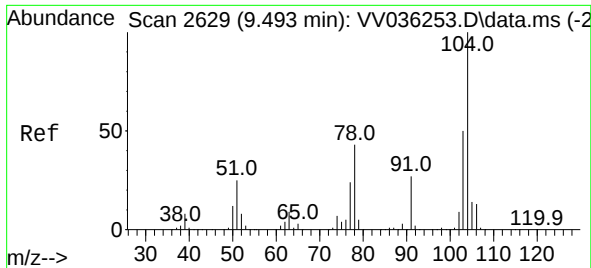
Tgt Ion:106 Resp: 63619

Ion Ratio Lower Upper

106 100

91 217.0 154.5 286.9

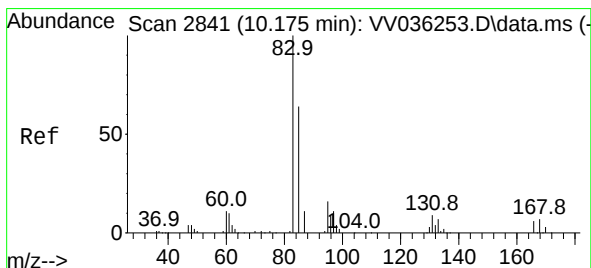
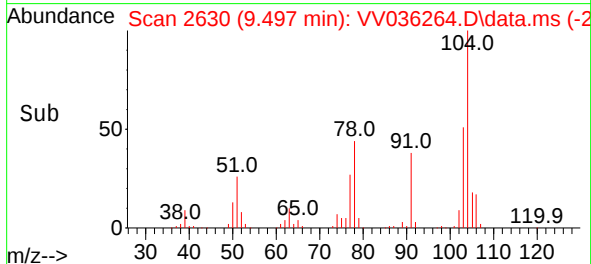
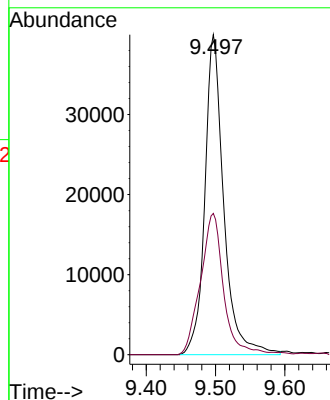
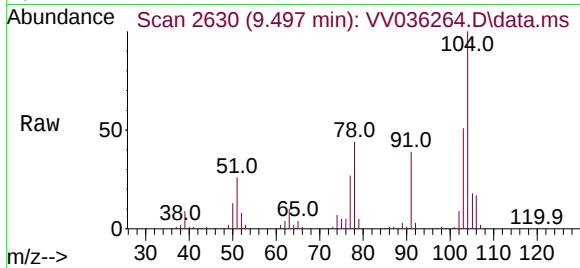




#55
Styrene
Concen: 8.063 ug/L
RT: 9.497 min Scan# 2629
Delta R.T. 0.003 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

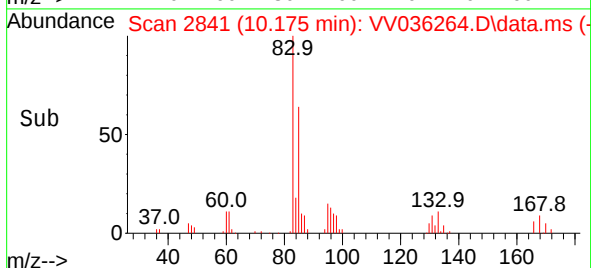
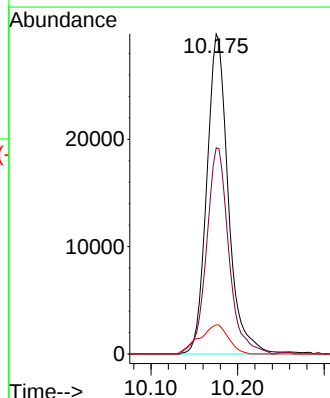
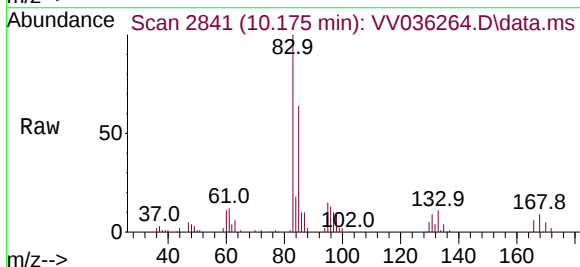
Instrument :
MSVOA_V
ClientSampleId :

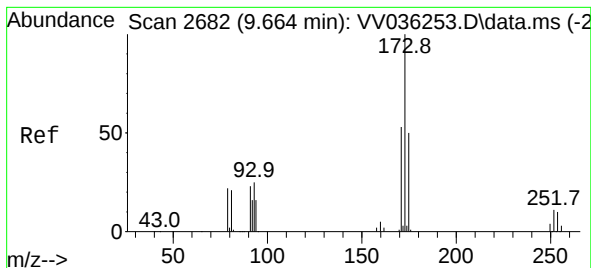
Tgt Ion:104 Resp: 75686
Ion Ratio Lower Upper
104 100
78 44.1 31.4 58.2



#57
1,1,2,2-Tetrachloroethane
Concen: 19.191 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

Tgt Ion: 83 Resp: 51300
Ion Ratio Lower Upper
83 100
85 64.4 45.1 83.7
131 9.1 7.6 11.4





#59

Bromoform

Concen: 38.305 ug/L

RT: 9.664 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV036264.D

Acq: 24 Jun 2024 23:41

Instrument :

MSVOA_V

ClientSampleId :

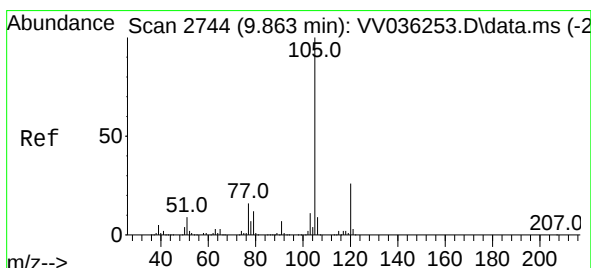
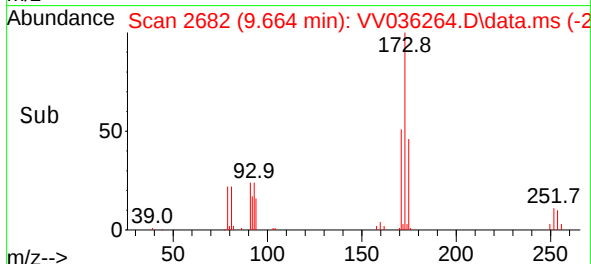
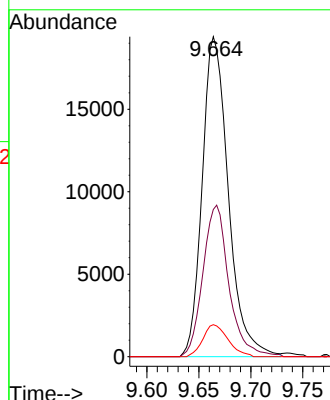
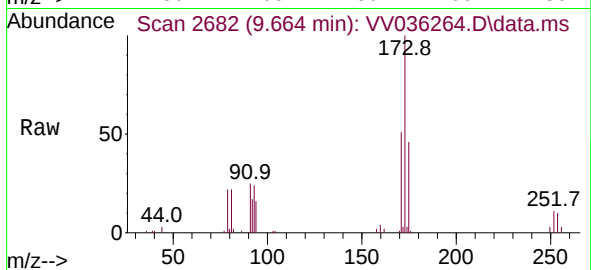
Tgt Ion:173 Resp: 33945

Ion Ratio Lower Upper

173 100

175 47.1 39.0 58.6

254 9.6 8.6 13.0



#60

Isopropylbenzene

Concen: 22.774 ug/L

RT: 9.863 min Scan# 2744

Delta R.T. 0.000 min

Lab File: VV036264.D

Acq: 24 Jun 2024 23:41

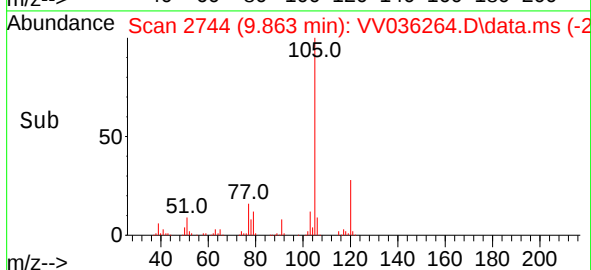
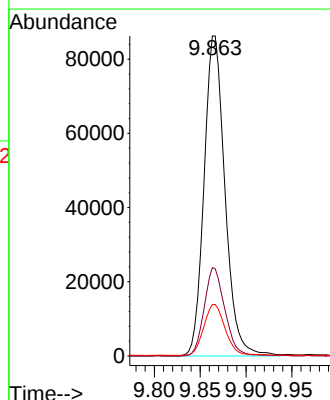
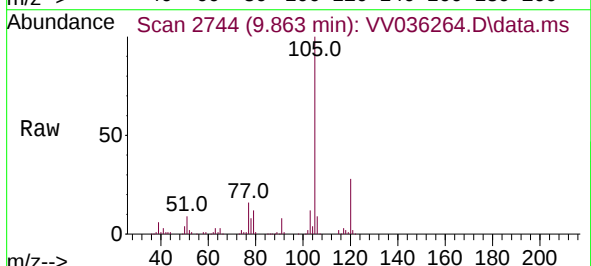
Tgt Ion:105 Resp: 137291

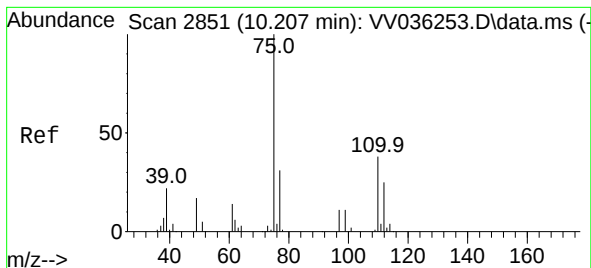
Ion Ratio Lower Upper

105 100

120 27.2 21.0 31.6

77 16.2 12.6 18.8





#61

1,2,3-Trichloropropane

Concen: 44.113 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. 0.000 min

Lab File: VV036264.D

Acq: 24 Jun 2024 23:41

Instrument :

MSVOA_V

ClientSampleId :

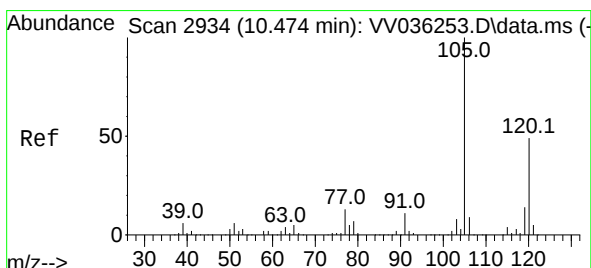
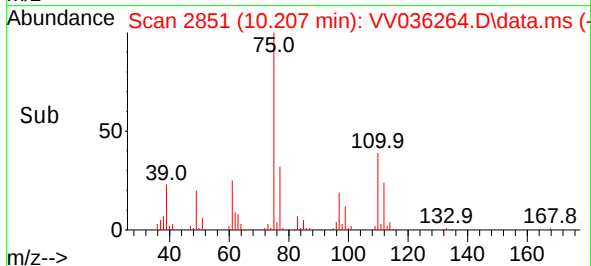
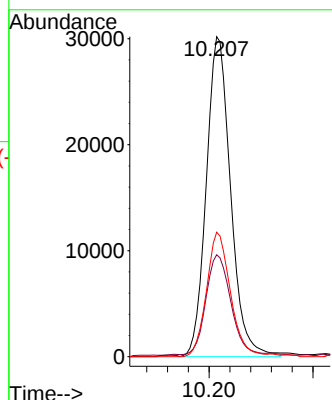
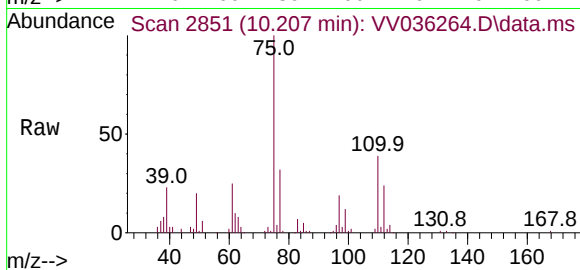
Tgt Ion: 75 Resp: 49025

Ion Ratio Lower Upper

75 100

77 31.5 26.0 39.0

110 38.2 32.2 48.4



#62

1,3,5-Trimethylbenzene

Concen: 15.795 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV036264.D

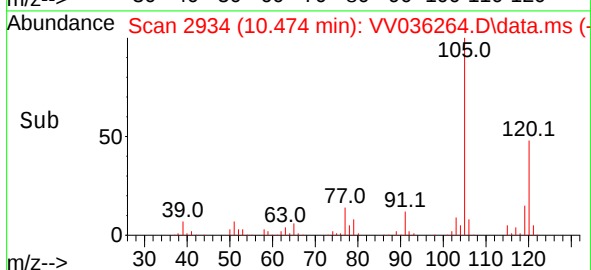
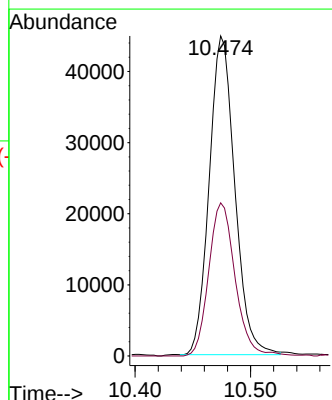
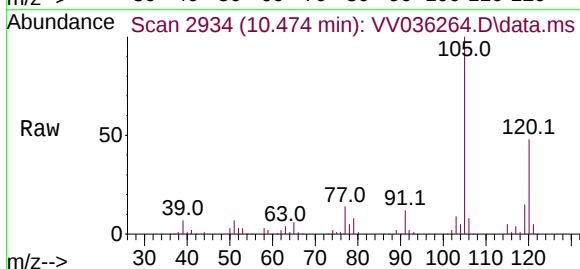
Acq: 24 Jun 2024 23:41

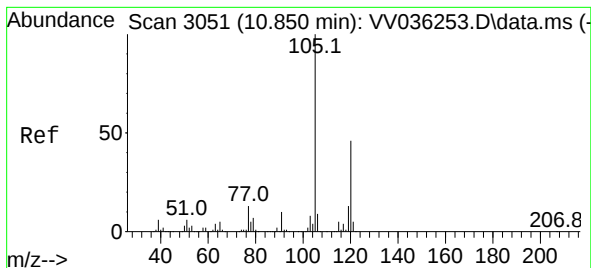
Tgt Ion:105 Resp: 69049

Ion Ratio Lower Upper

105 100

120 48.8 38.6 58.0





#63

1,2,4-Trimethylbenzene

Concen: 14.917 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV036264.D

Acq: 24 Jun 2024 23:41

Instrument :

MSVOA_V

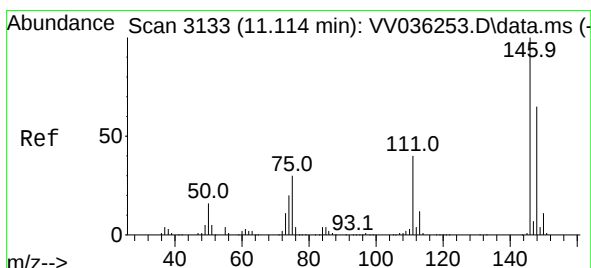
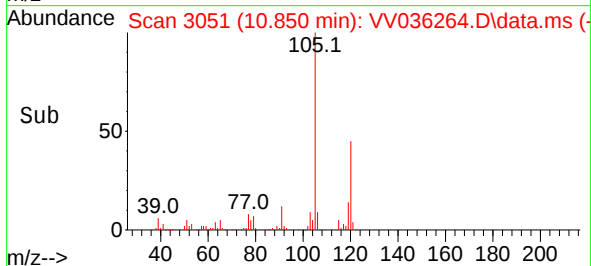
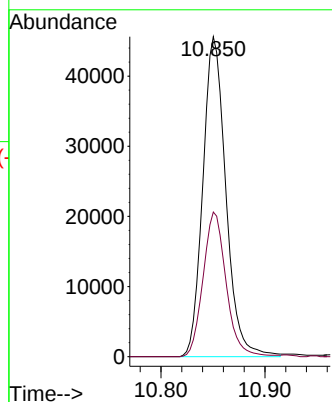
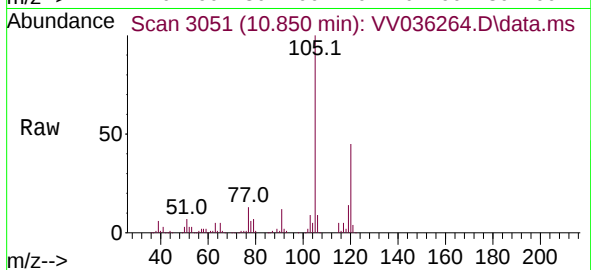
ClientSampleId :

Tgt Ion:105 Resp: 70258

Ion Ratio Lower Upper

105 100

120 45.2 36.2 54.4



#64

1,3-Dichlorobenzene

Concen: 13.581 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.003 min

Lab File: VV036264.D

Acq: 24 Jun 2024 23:41

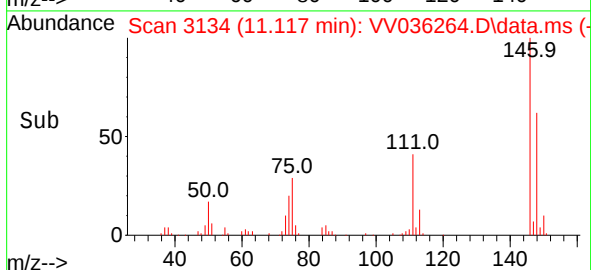
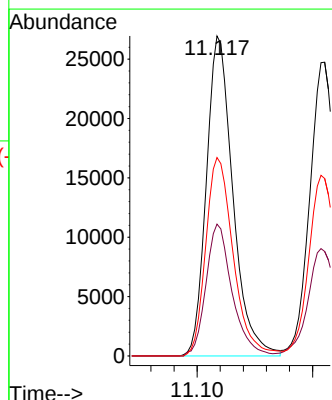
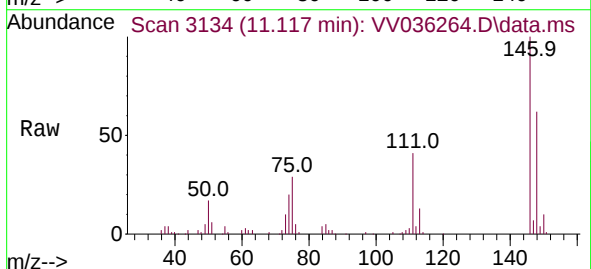
Tgt Ion:146 Resp: 42996

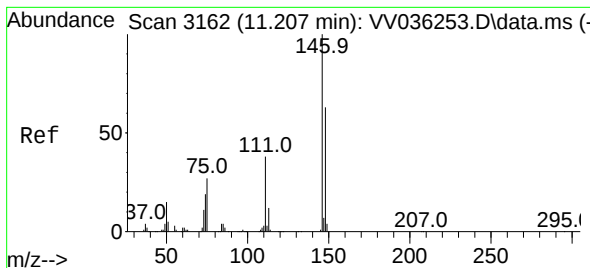
Ion Ratio Lower Upper

146 100

111 41.2 28.1 52.1

148 62.0 44.7 83.1





#65

1,4-Dichlorobenzene

Concen: 12.840 ug/L

RT: 11.210 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV036264.D

Acq: 24 Jun 2024 23:41

Instrument :

MSVOA_V

ClientSampleId :

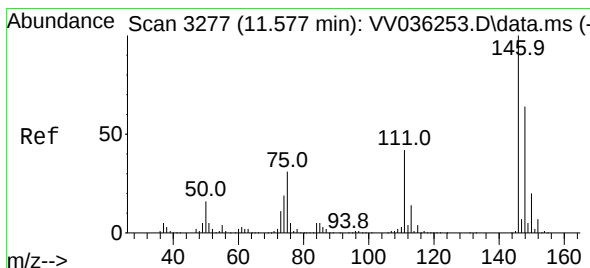
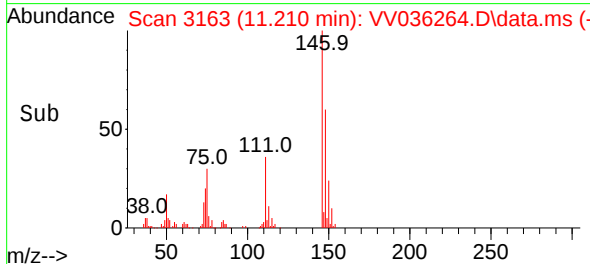
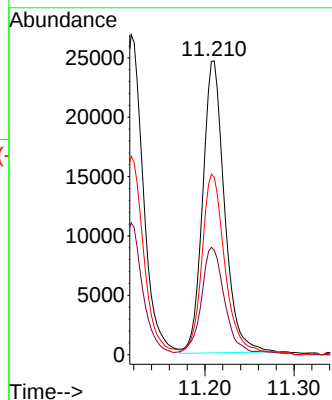
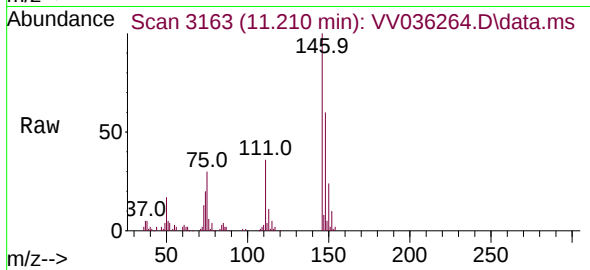
Tgt Ion:146 Resp: 41960

Ion Ratio Lower Upper

146 100

111 35.6 26.9 50.1

148 60.4 44.5 82.7



#67

1,2-Dichlorobenzene

Concen: 13.741 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV036264.D

Acq: 24 Jun 2024 23:41

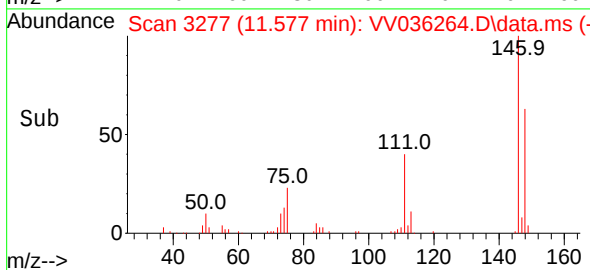
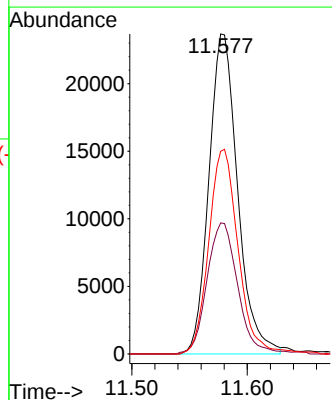
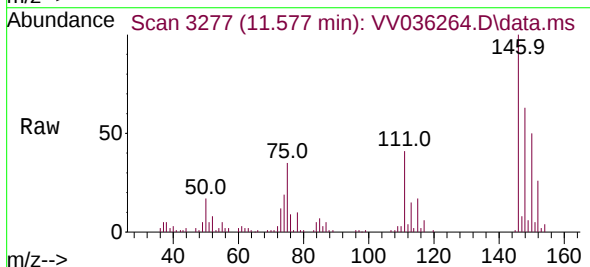
Tgt Ion:146 Resp: 40938

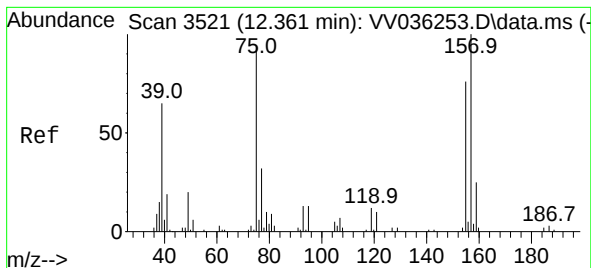
Ion Ratio Lower Upper

146 100

111 40.9 33.5 50.3

148 63.4 50.9 76.3





#68

1,2-Dibromo-3-chloropropane

Concen: 27.950 ug/L

RT: 12.365 min Scan# 3521

Delta R.T. 0.003 min

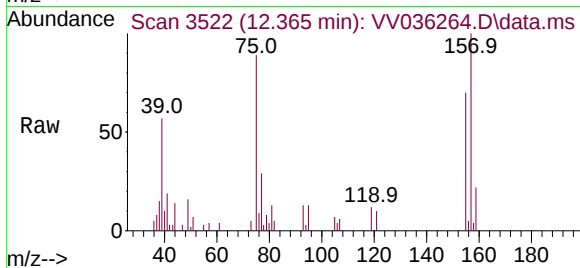
Lab File: VV036264.D

Acq: 24 Jun 2024 23:41

Instrument :

MSVOA_V

ClientSampleId :



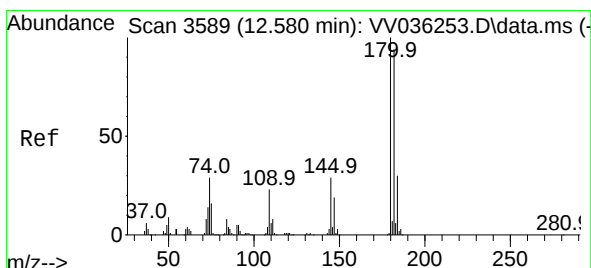
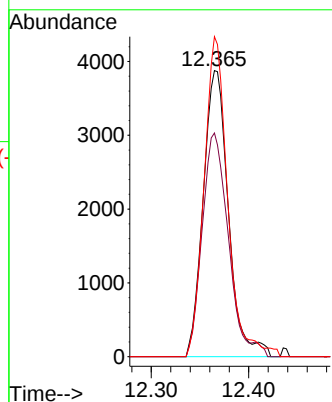
Tgt Ion: 75 Resp: 6946

Ion Ratio Lower Upper

75 100

155 78.2 63.3 94.9

157 111.8 82.4 123.6



#69

1,3,5-Trichlorobenzene

Concen: 6.488 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.003 min

Lab File: VV036264.D

Acq: 24 Jun 2024 23:41

Tgt Ion: 180 Resp: 15365

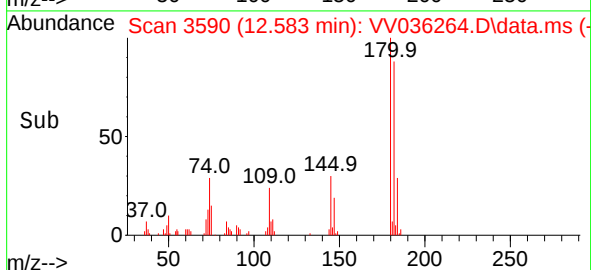
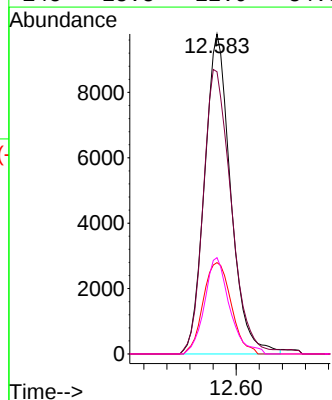
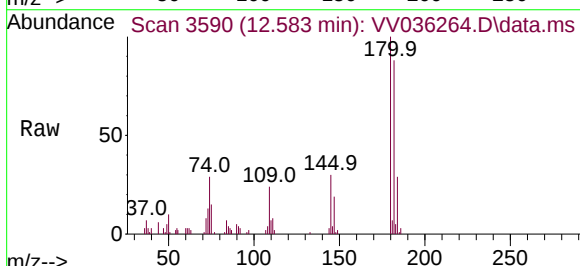
Ion Ratio Lower Upper

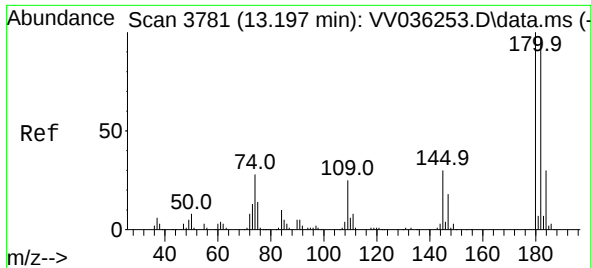
180 100

182 94.9 76.2 114.4

184 30.5 24.2 36.2

145 28.8 22.9 34.3

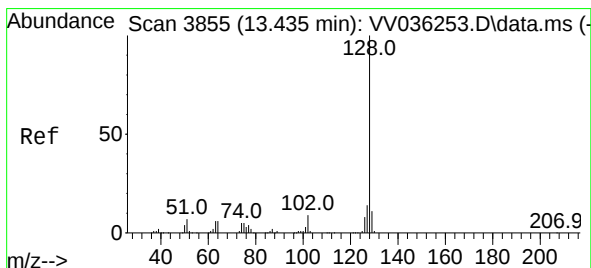
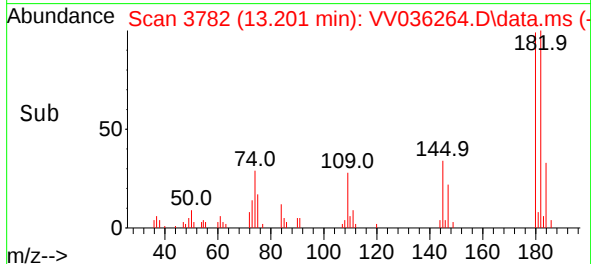
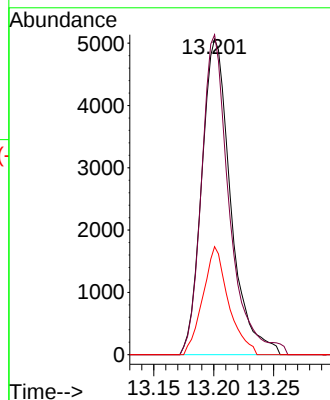
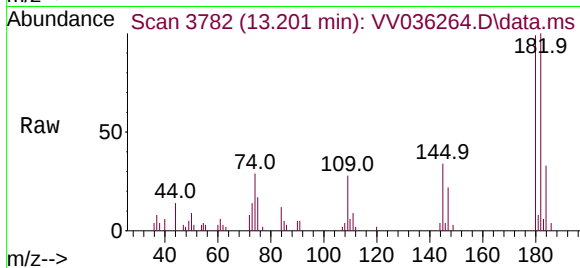




#70
1,2,4-trichlorobenzene
Concen: 4.553 ug/L
RT: 13.201 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

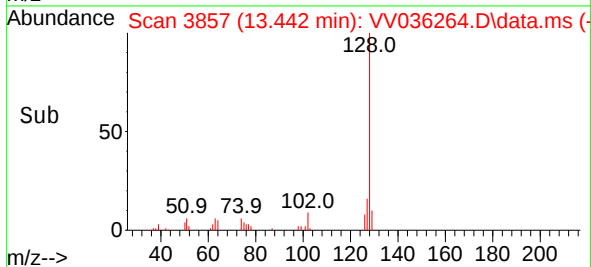
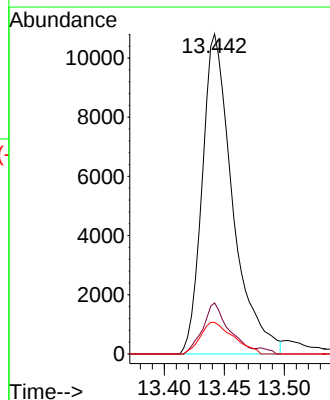
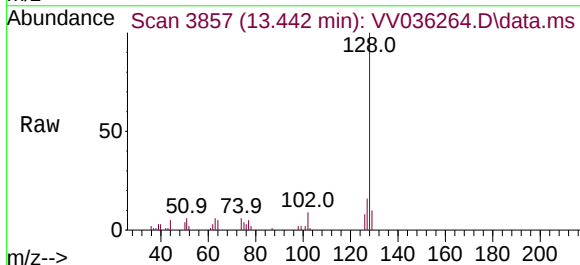
Instrument :
MSVOA_V
ClientSampleId :

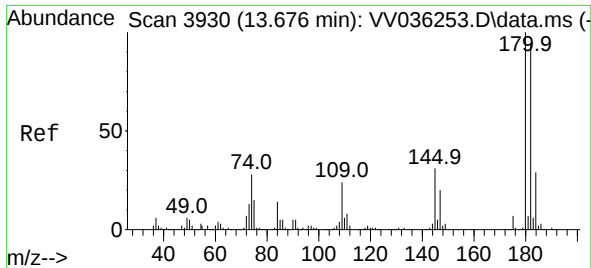
Tgt Ion:180 Resp: 8489
Ion Ratio Lower Upper
180 100
182 95.5 76.1 114.1
145 30.4 23.5 35.3



#71
Naphthalene
Concen: 6.273 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.007 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

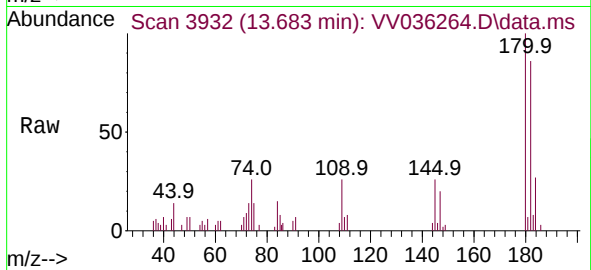
Tgt Ion:128 Resp: 19090
Ion Ratio Lower Upper
128 100
127 13.7 10.6 16.0
129 10.6 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 3.928 ug/L
 RT: 13.683 min Scan# 3932
 Delta R.T. 0.007 min
 Lab File: VV036264.D
 Acq: 24 Jun 2024 23:41

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	6684
Ion	Ratio	Lower	Upper
180	100		
182	100.6	75.1	112.7
145	31.4	25.2	37.8

