

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062724\
 Data File : VV036336.D
 Acq On : 28 Jun 2024 03:20
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 4.70g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 28 05:10:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 04:20:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	359083	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	375023	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	200215	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	146216	23.976	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.920%
7) Chloroethane-d5	1.526	69	124485	25.557	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.240%
11) 1,1-Dichloroethene-d2	2.050	65	62981	21.969	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.880%
21) 2-Butanone-d5	3.834	46	57572	40.677	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.360%
24) Chloroform-d	4.239	84	283403	26.738	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.960%
26) 1,2-Dichloroethane-d4	4.937	65	154954	27.413	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.640%
32) Benzene-d6	4.953	84	541999	25.602	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	5.982	67	169315	26.589	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.360%
41) Toluene-d8	7.239	98	507271	26.576	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.320%
43) trans-1,3-Dichloroprop...	7.551	79	68204	23.985	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.960%
47) 2-Hexanone-d5	8.030	63	41601	40.928	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.860%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	124882	23.925	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.680%
66) 1,2-Dichlorobenzene-d4	11.558	152	173263	23.747	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	149938	21.977	ug/L	100
3) Chloromethane	1.211	50	156583	25.355	ug/L	100
5) Vinyl chloride	1.275	62	172590	24.202	ug/L	99
6) Bromomethane	1.481	94	124142	25.883	ug/L	99
8) Chloroethane	1.542	64	113090	25.731	ug/L	100
9) Trichlorofluoromethane	1.706	101	225246	22.116	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	142703	22.338	ug/L	98
12) 1,1-Dichloroethene	2.063	96	135857	24.020	ug/L	89
13) Acetone	2.387	43	50201	26.253	ug/L	100
14) Carbon disulfide	2.233	76	439677	24.638	ug/L	100
15) Methyl Acetate	2.387	43	55930	22.730	ug/L	99
16) Methylene chloride	2.439	84	215246	30.448	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	145092	25.836	ug/L	100
18) Methyl tert-butyl Ether	2.699	73	351616	26.897	ug/L	100
19) 1,1-Dichloroethane	3.104	63	266691	26.709	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	149734	26.510	ug/L	99
22) 2-Butanone	3.912	43	44531	27.619	ug/L	82
23) Bromochloromethane	4.143	128	81711	27.744	ug/L	98
25) Chloroform	4.268	83	291874	27.406	ug/L	98

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 QLast Update : Fri Jun 28 04:20:38 2024
 Response via : Initial Calibration

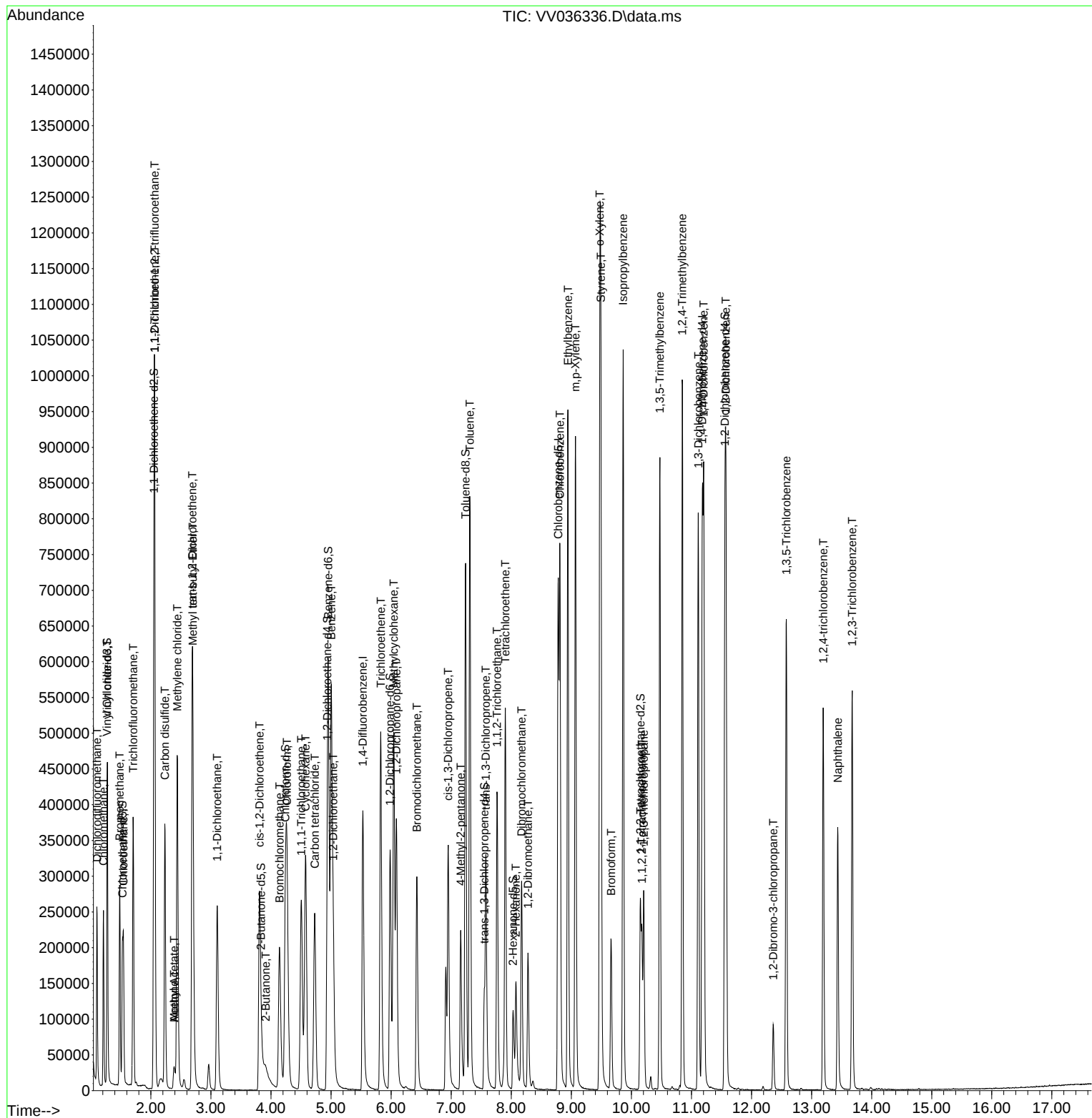
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	193251	28.024	ug/L	98
29) Cyclohexane	4.577	56	164990	20.651	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	225903	24.294	ug/L	100
31) Carbon tetrachloride	4.728	117	190477	22.990	ug/L	99
33) Benzene	5.005	78	591762	26.641	ug/L	100
34) Trichloroethene	5.828	95	179147	25.558	ug/L	98
35) Methylcyclohexane	6.043	83	211229	21.624	ug/L	99
37) 1,2-Dichloropropane	6.088	63	153414	27.043	ug/L	98
38) Bromodichloromethane	6.429	83	209682	27.025	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	213589	24.485	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	144906	45.292	ug/L	99
42) Toluene	7.310	91	627318	27.010	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	199137	25.381	ug/L	98
45) 1,1,2-Trichloroethane	7.763	97	137425	27.407	ug/L	98
46) Tetrachloroethene	7.902	164	120961	23.745	ug/L	98
48) 2-Hexanone	8.079	43	93869	37.301	ug/L	96
49) Dibromochloromethane	8.172	129	152129	27.216	ug/L	99
50) 1,2-Dibromoethane	8.278	107	132032	26.729	ug/L	97
51) Chlorobenzene	8.808	112	418250	26.344	ug/L	99
52) Ethylbenzene	8.943	91	653199	26.061	ug/L	100
53) m,p-Xylene	9.069	106	251714	26.946	ug/L	98
54) o-Xylene	9.474	106	240783	27.410	ug/L	100
55) Styrene	9.493	104	452523	29.393	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	109106	24.312	ug/L	97
59) Bromoform	9.664	173	97593	25.750	ug/L	99
60) Isopropylbenzene	9.863	105	625194	25.832	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	110227	24.396	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	455277	26.286	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	512353	27.221	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	327019	25.931	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	337039	24.932	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	302797	25.150	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	23833	23.511	ug/L	94
69) 1,3,5-Trichlorobenzene	12.580	180	208887	21.997	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	164482	21.721	ug/L	100
71) Naphthalene	13.435	128	293911	21.768	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	168759	23.699	ug/L	100

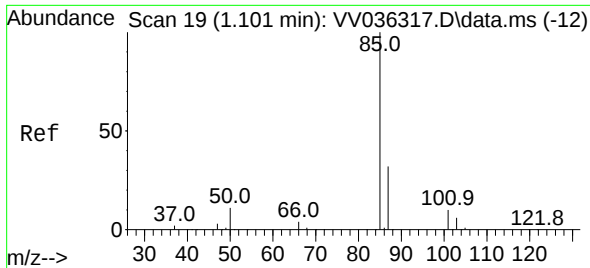
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QLast Update : Fri Jun 28 04:20:38 2024
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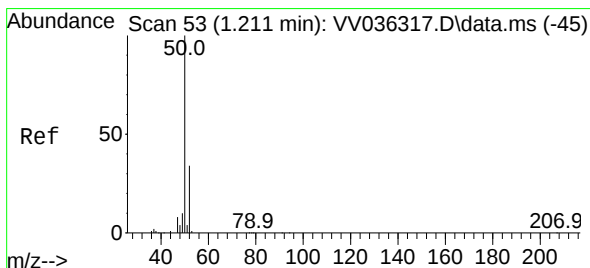
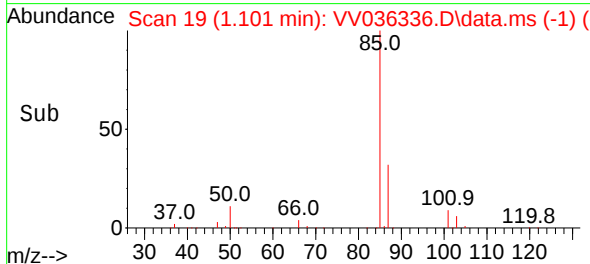
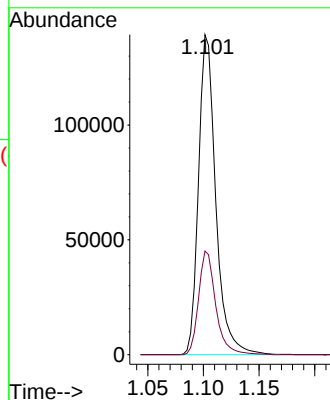
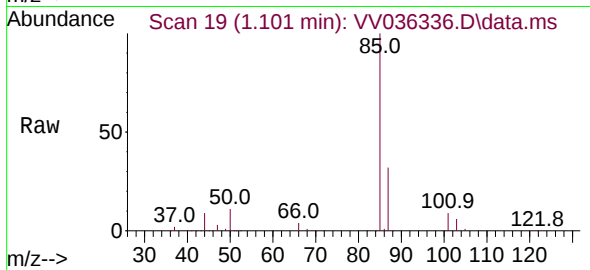




#2
 Dichlorodifluoromethane
 Concen: 21.977 ug/L
 RT: 1.101 min Scan# 19
 Delta R.T. -0.000 min
 Lab File: VV036336.D
 Acq: 28 Jun 2024 03:20

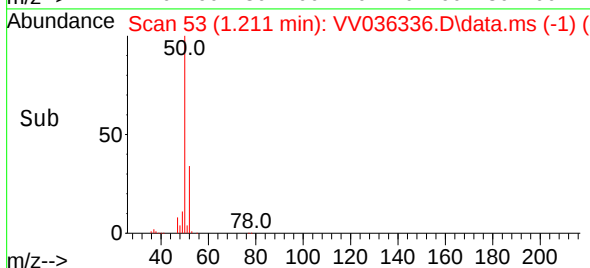
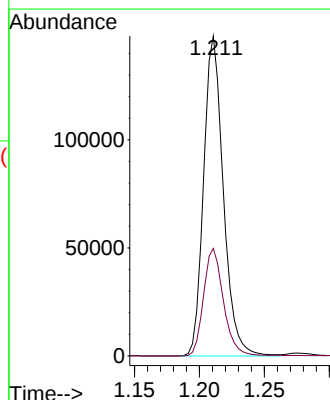
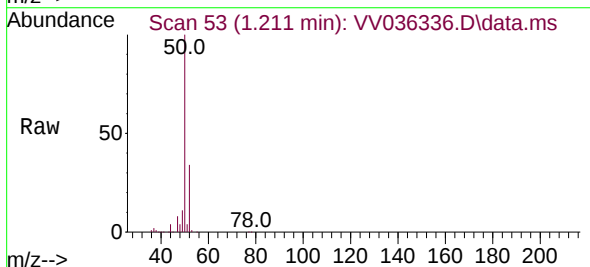
Instrument :
 MSVOA_V
 ClientSampleId :

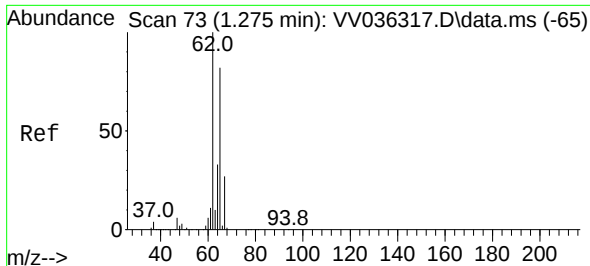
Tgt Ion: 85 Resp: 149938
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.9 38.9



#3
 Chloromethane
 Concen: 25.355 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. -0.000 min
 Lab File: VV036336.D
 Acq: 28 Jun 2024 03:20

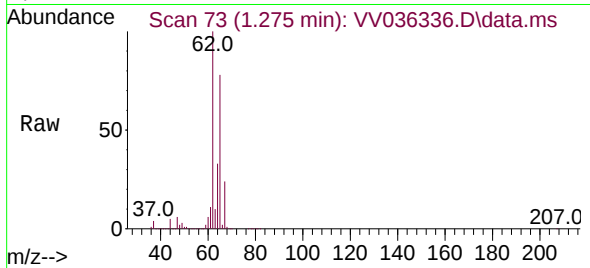
Tgt Ion: 50 Resp: 156583
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.5 43.7



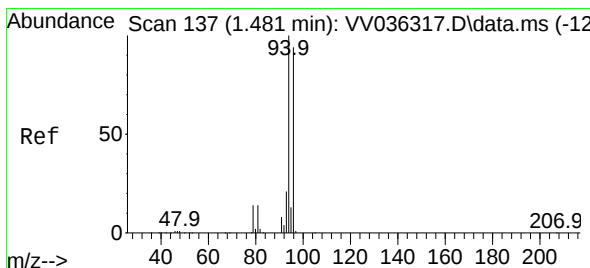
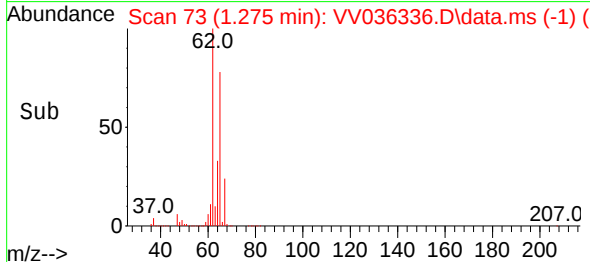
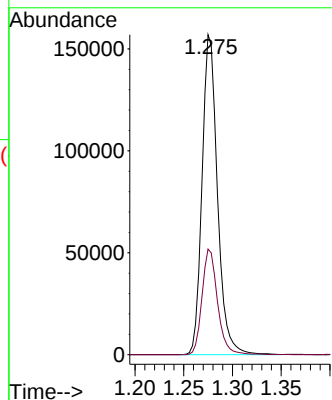


#5
 Vinyl chloride
 Concen: 24.202 ug/L
 RT: 1.275 min Scan# 73
 Delta R.T. -0.000 min
 Lab File: VV036336.D
 Acq: 28 Jun 2024 03:20

Instrument :
 MSVOA_V
 ClientSampleId :

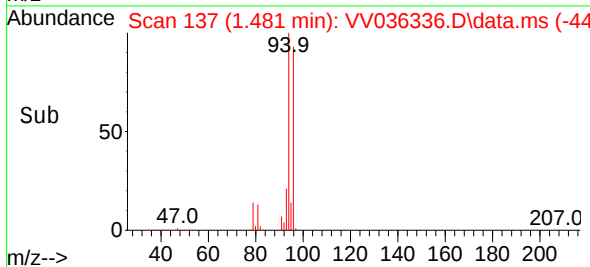
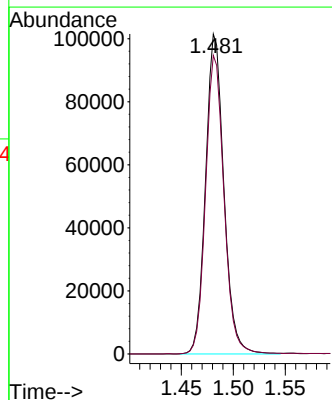
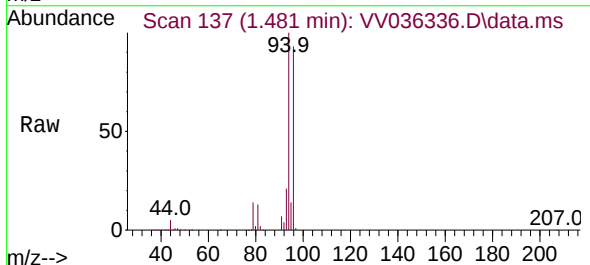


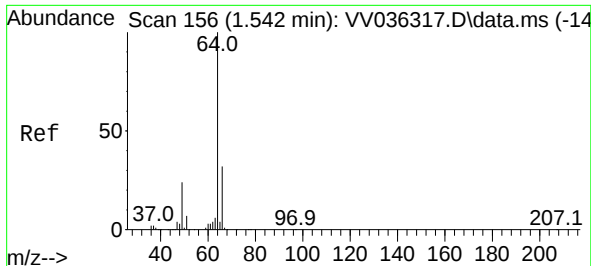
Tgt Ion: 62 Resp: 172590
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.4 43.4



#6
 Bromomethane
 Concen: 25.883 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.000 min
 Lab File: VV036336.D
 Acq: 28 Jun 2024 03:20

Tgt Ion: 94 Resp: 124142
 Ion Ratio Lower Upper
 94 100
 96 93.3 66.1 122.7

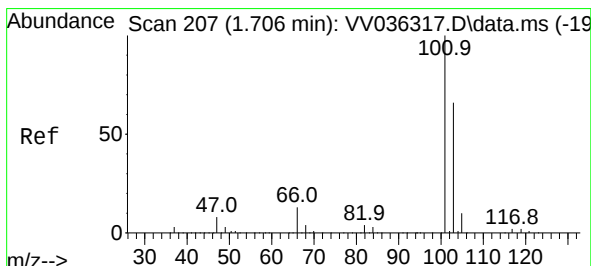
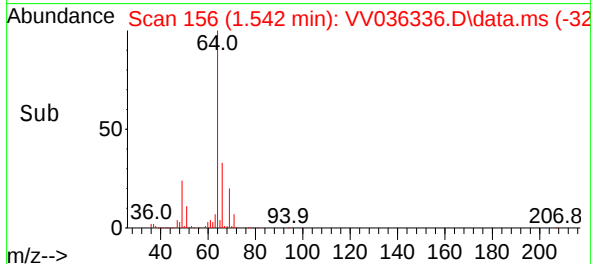
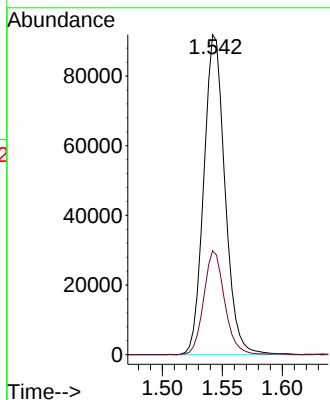
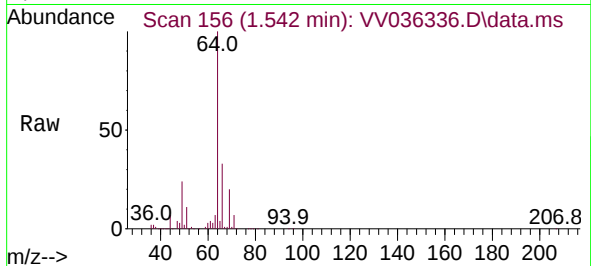




#8
Chloroethane
Concen: 25.731 ug/L
RT: 1.542 min Scan# 156
Delta R.T. -0.000 min
Lab File: VV036336.D
Acq: 28 Jun 2024 03:20

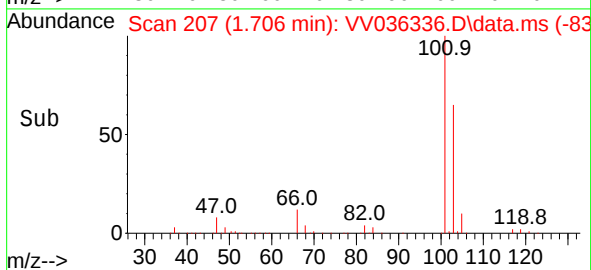
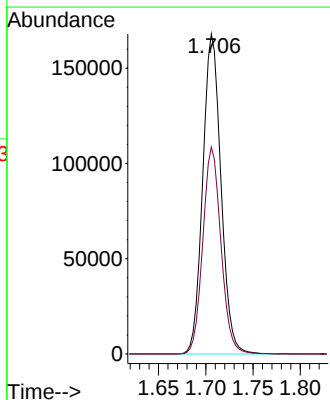
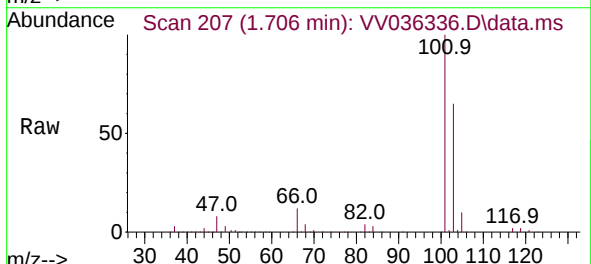
Instrument :
MSVOA_V
ClientSampleId :

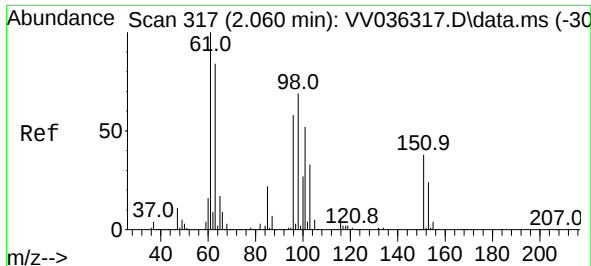
Tgt Ion: 64 Resp: 113090
Ion Ratio Lower Upper
64 100
66 32.5 23.0 42.6



#9
Trichlorofluoromethane
Concen: 22.116 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.000 min
Lab File: VV036336.D
Acq: 28 Jun 2024 03:20

Tgt Ion:101 Resp: 225246
Ion Ratio Lower Upper
101 100
103 64.3 51.7 77.5

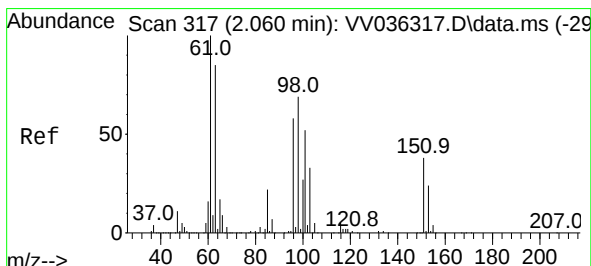
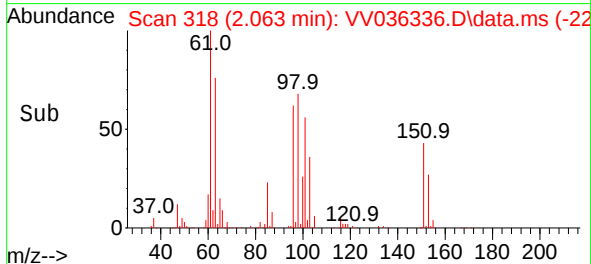
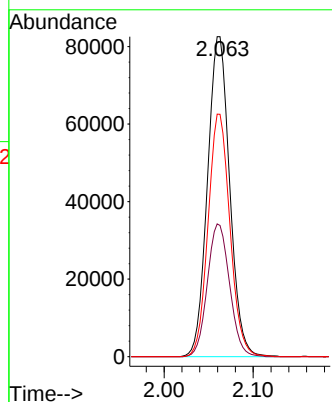
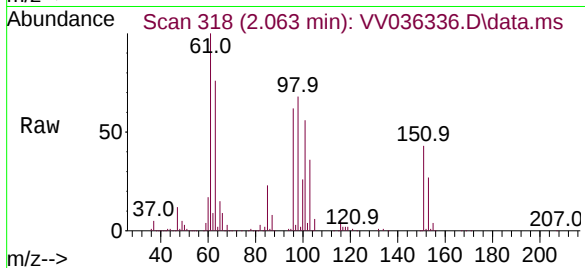




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.338 ug/L
RT: 2.063 min Scan# 317
Delta R.T. 0.003 min
Lab File: VV036336.D
Acq: 28 Jun 2024 03:20

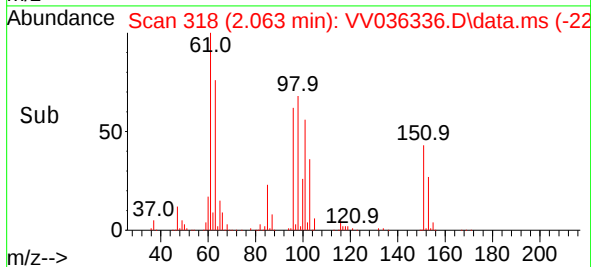
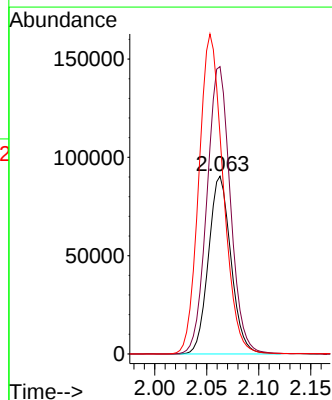
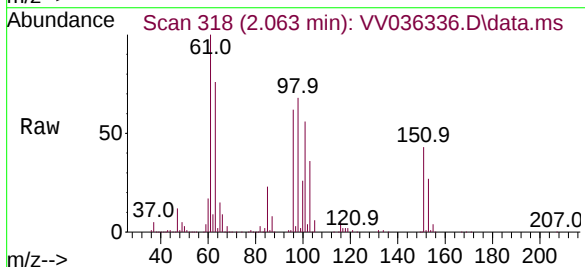
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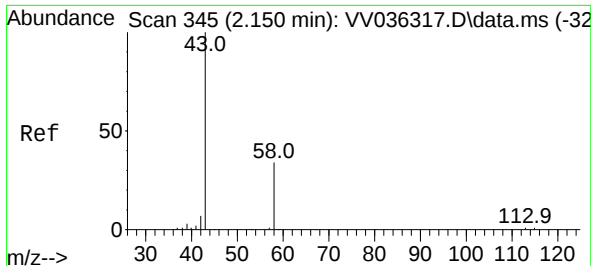
Tgt Ion:101 Resp: 142703
Ion Ratio Lower Upper
101 100
85 41.5 34.6 51.8
151 74.6 58.9 88.3



#12
1,1-Dichloroethene
Concen: 24.020 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.003 min
Lab File: VV036336.D
Acq: 28 Jun 2024 03:20

Tgt Ion: 96 Resp: 135857
Ion Ratio Lower Upper
96 100
61 161.7 122.6 227.8
63 123.0 96.1 178.5





#13

Acetone

Concen: 26.253 ug/L

RT: 2.387 min Scan# 419

Delta R.T. 0.238 min

Lab File: VV036336.D

Acq: 28 Jun 2024 03:20

Instrument :

MSVOA_V

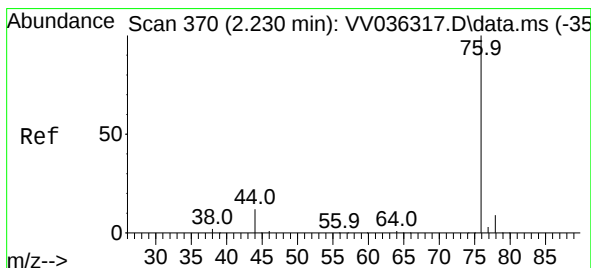
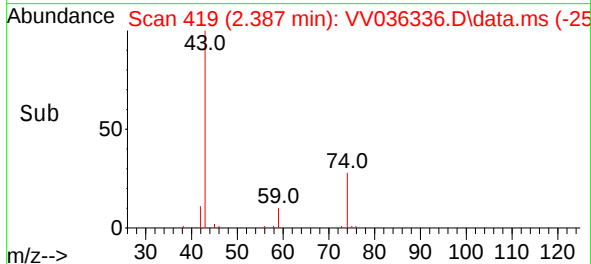
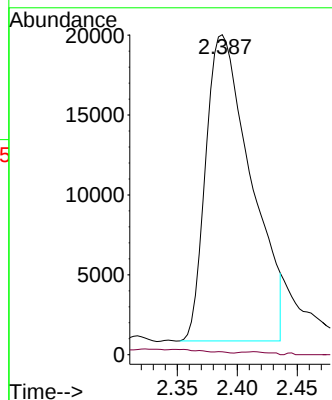
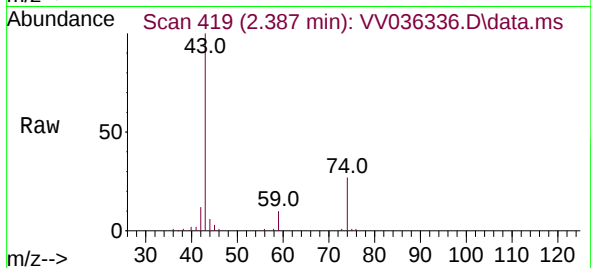
ClientSampleId :

Tgt Ion: 43 Resp: 50201

Ion Ratio Lower Upper

43 100

58 0.2 0.0 0.6



#14

Carbon disulfide

Concen: 24.638 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.003 min

Lab File: VV036336.D

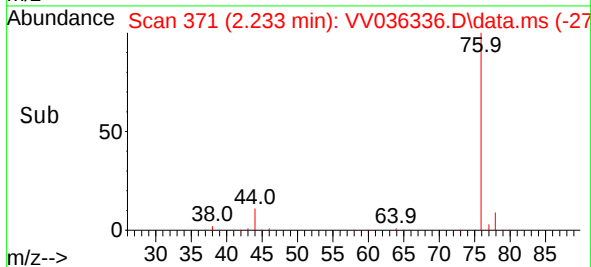
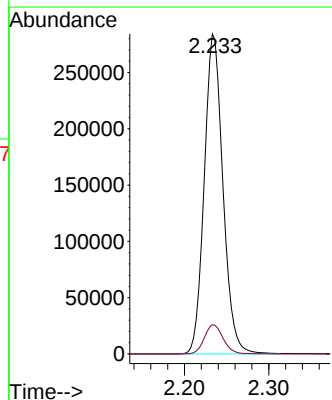
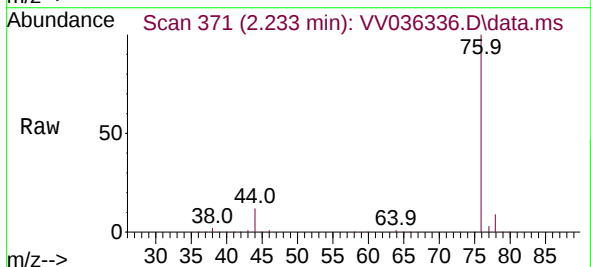
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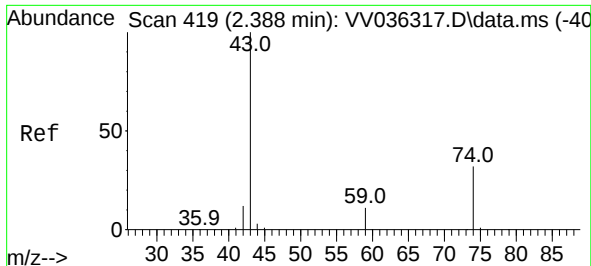
Tgt Ion: 76 Resp: 439677

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

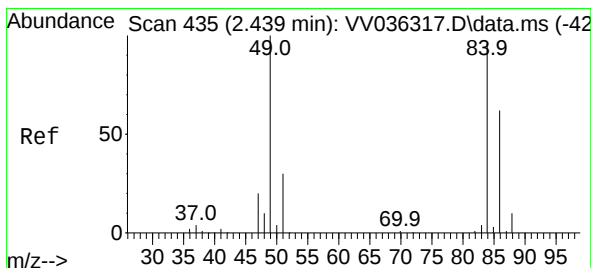
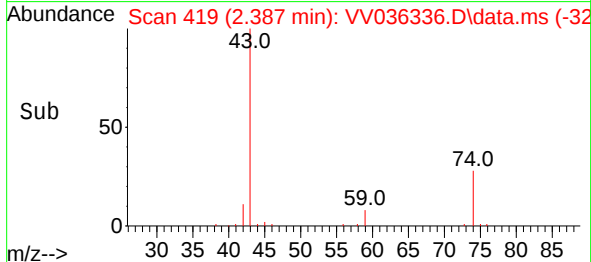
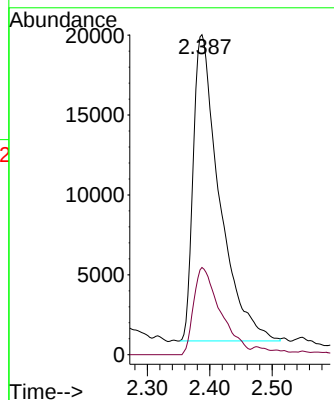
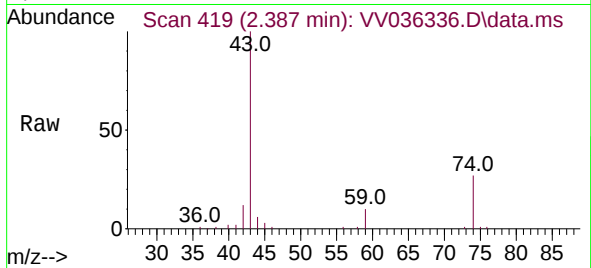




#15
Methyl Acetate
Concen: 22.730 ug/L
RT: 2.387 min Scan# 419
Delta R.T. -0.000 min
Lab File: VV036336.D
Acq: 28 Jun 2024 03:20

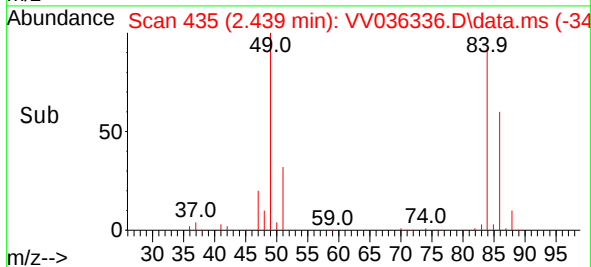
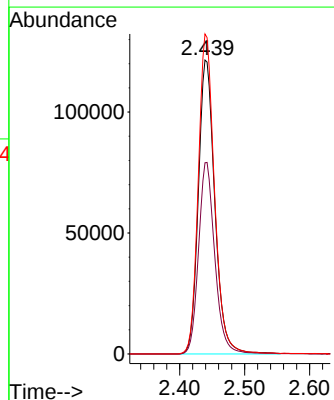
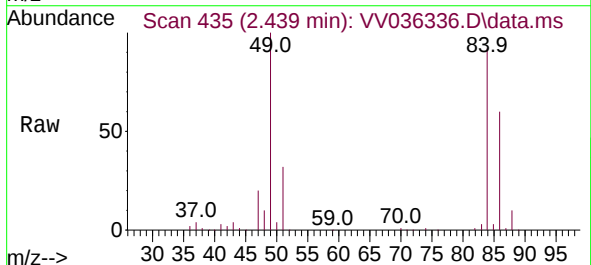
Instrument :
MSVOA_V
ClientSampleId :

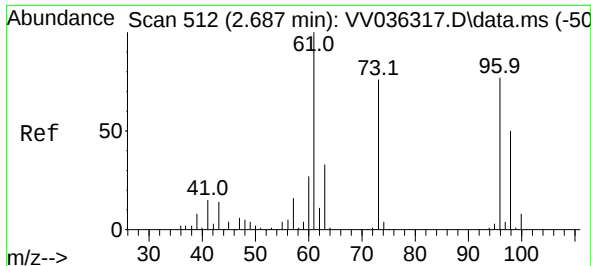
Tgt Ion: 43 Resp: 55930
Ion Ratio Lower Upper
43 100
74 29.1 23.8 35.6



#16
Methylene chloride
Concen: 30.448 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.000 min
Lab File: VV036336.D
Acq: 28 Jun 2024 03:20

Tgt Ion: 84 Resp: 215246
Ion Ratio Lower Upper
84 100
86 65.1 45.6 84.8
49 108.9 75.7 140.5





#17

trans-1,2-Dichloroethene

Concen: 25.836 ug/L

RT: 2.690 min Scan# 512

Delta R.T. 0.003 min

Lab File: VV036336.D

Acq: 28 Jun 2024 03:20

Instrument :

MSVOA_V

ClientSampleId :

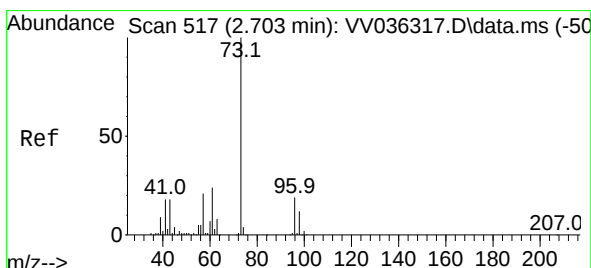
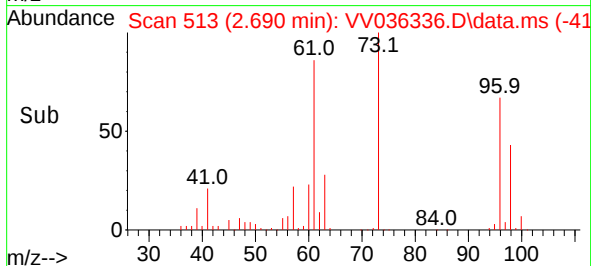
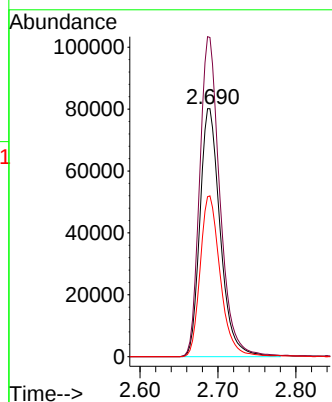
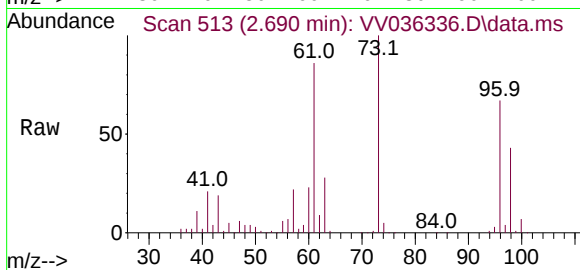
Tgt Ion: 96 Resp: 145092

Ion Ratio Lower Upper

96 100

61 128.7 89.8 166.8

98 64.8 45.3 84.1



#18

Methyl tert-butyl Ether

Concen: 26.897 ug/L

RT: 2.699 min Scan# 516

Delta R.T. -0.003 min

Lab File: VV036336.D

Acq: 28 Jun 2024 03:20

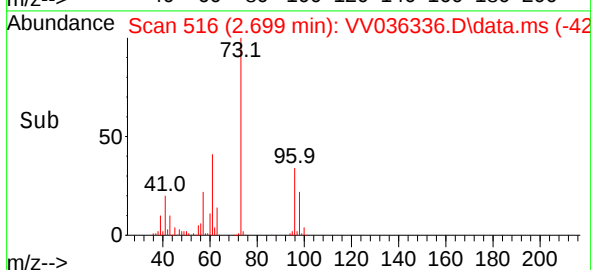
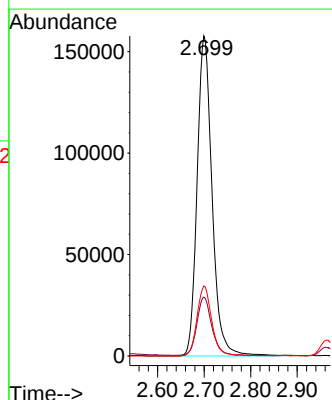
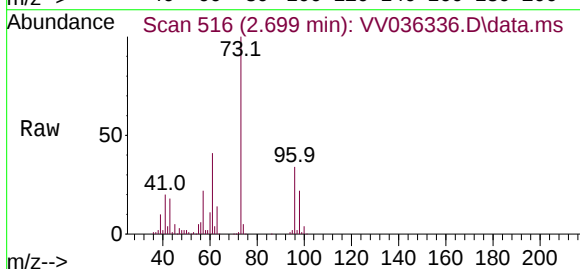
Tgt Ion: 73 Resp: 351616

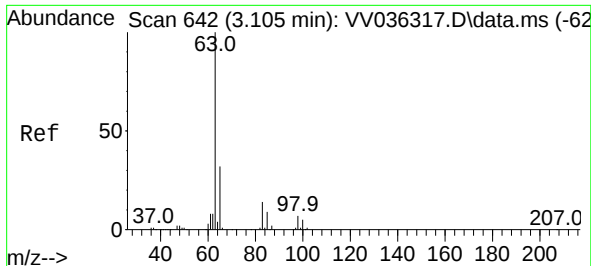
Ion Ratio Lower Upper

73 100

43 18.0 14.7 22.1

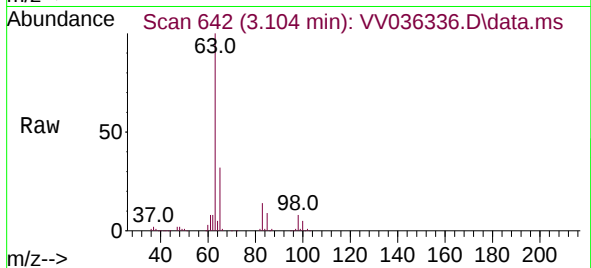
57 21.4 17.0 25.6



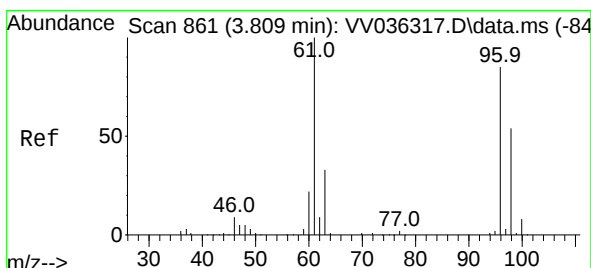
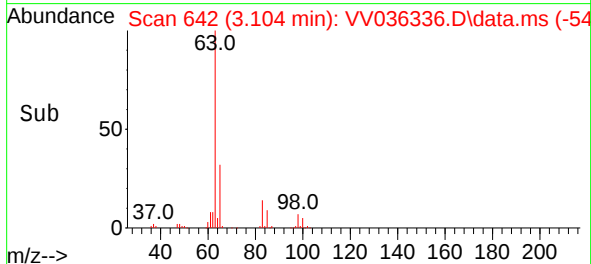
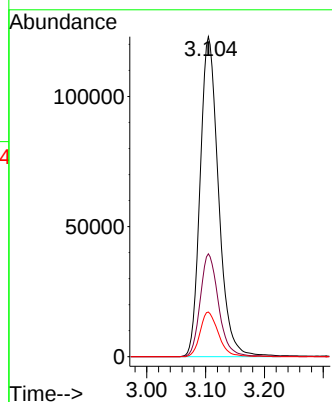


#19
1,1-Dichloroethane
Concen: 26.709 ug/L
RT: 3.104 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV036336.D
Acq: 28 Jun 2024 03:20

Instrument :
MSVOA_V
ClientSampleId :

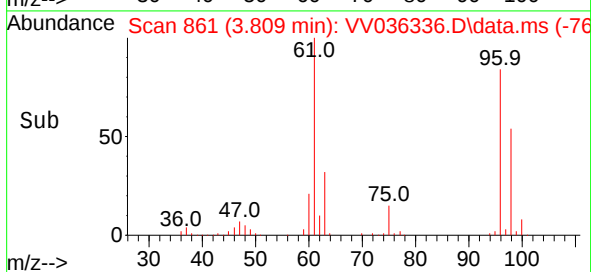
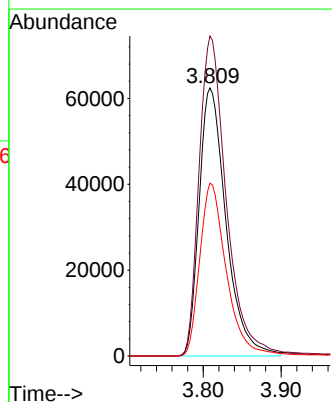
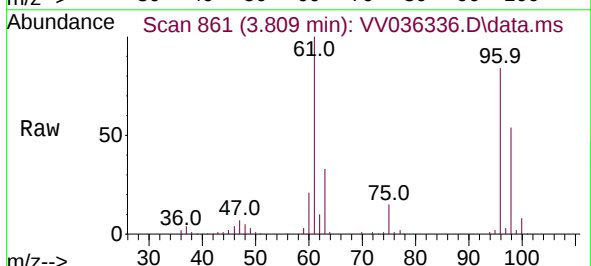


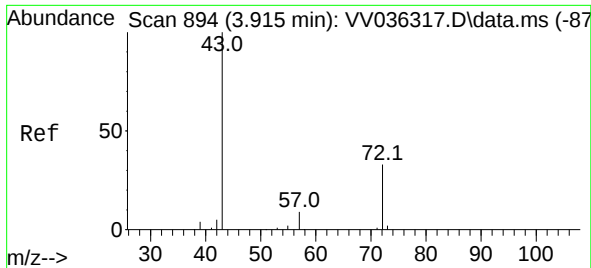
Tgt Ion: 63 Resp: 266691
Ion Ratio Lower Upper
63 100
65 32.1 22.1 41.1
83 14.0 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 26.510 ug/L
RT: 3.809 min Scan# 861
Delta R.T. -0.000 min
Lab File: VV036336.D
Acq: 28 Jun 2024 03:20

Tgt Ion: 96 Resp: 149734
Ion Ratio Lower Upper
96 100
61 119.4 83.7 155.5
98 64.5 44.2 82.0

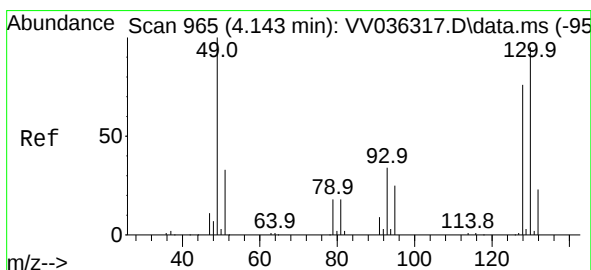
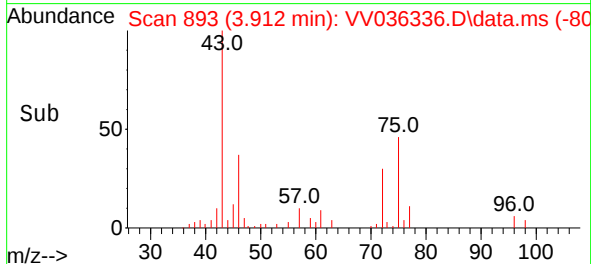
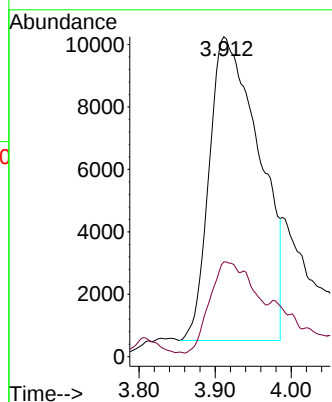
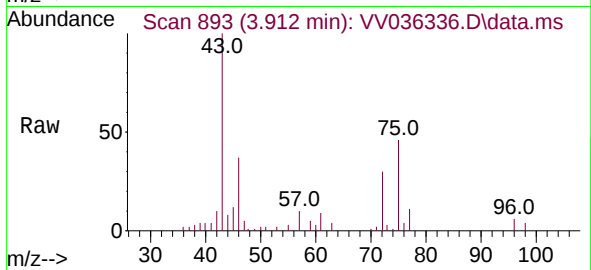




#22
2-Butanone
Concen: 27.619 ug/L
RT: 3.912 min Scan# 894
Delta R.T. -0.003 min
Lab File: VV036336.D
Acq: 28 Jun 2024 03:20

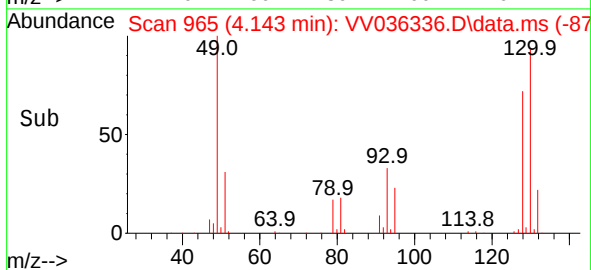
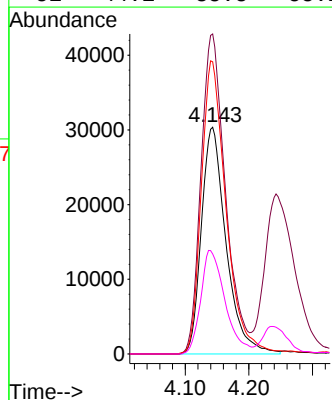
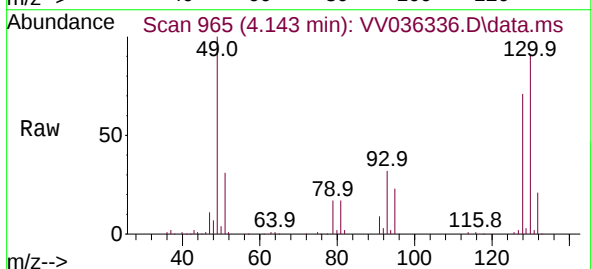
Instrument :
MSVOA_V
ClientSampleId :

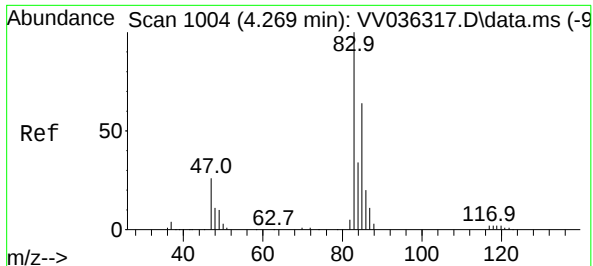
Tgt Ion: 43 Resp: 44531
Ion Ratio Lower Upper
43 100
72 16.6 12.9 38.7



#23
Bromochloromethane
Concen: 27.744 ug/L
RT: 4.143 min Scan# 965
Delta R.T. -0.000 min
Lab File: VV036336.D
Acq: 28 Jun 2024 03:20

Tgt Ion:128 Resp: 81711
Ion Ratio Lower Upper
128 100
49 141.2 99.2 184.2
130 128.9 88.9 165.1
51 44.1 38.8 58.2





#25

Chloroform

Concen: 27.406 ug/L

RT: 4.268 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VV036336.D

Acq: 28 Jun 2024 03:20

Instrument :

MSVOA_V

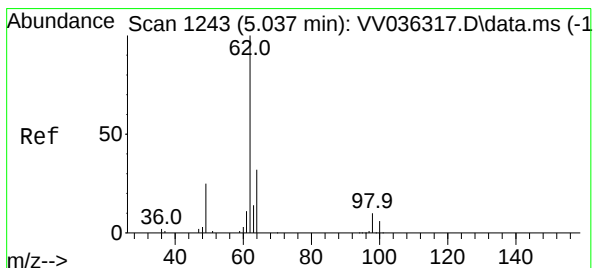
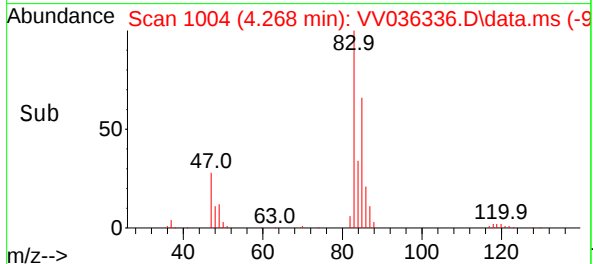
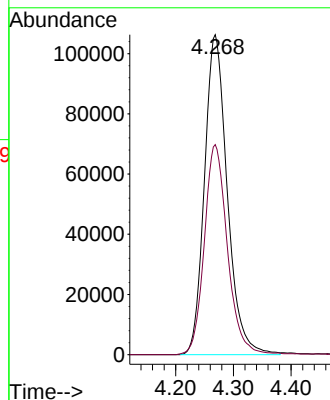
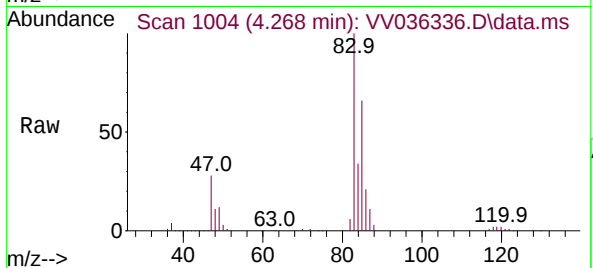
ClientSampleId :

Tgt Ion: 83 Resp: 291874

Ion Ratio Lower Upper

83 100

85 65.6 45.0 83.6



#27

1,2-Dichloroethane

Concen: 28.024 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VV036336.D

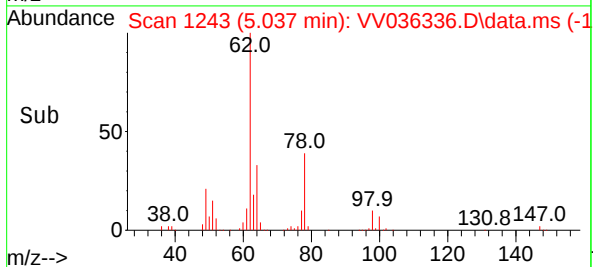
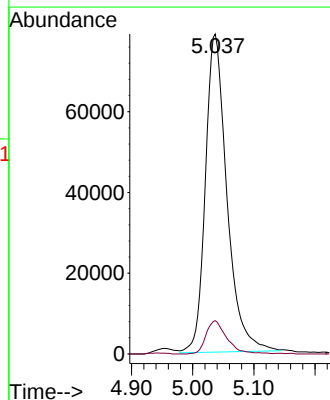
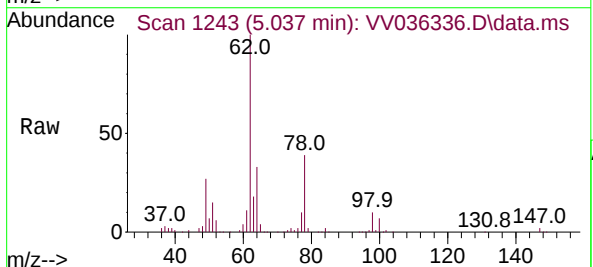
Acq: 28 Jun 2024 03:20

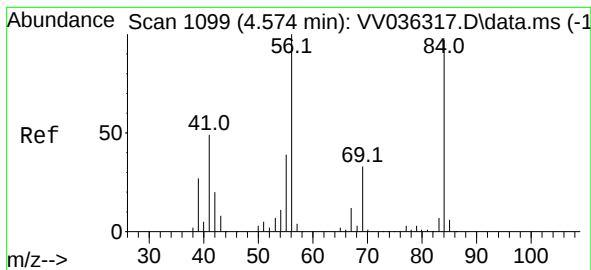
Tgt Ion: 62 Resp: 193251

Ion Ratio Lower Upper

62 100

98 10.4 7.8 11.8





#29

Cyclohexane

Concen: 20.651 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV036336.D

Acq: 28 Jun 2024 03:20

Instrument :

MSVOA_V

ClientSampleId :

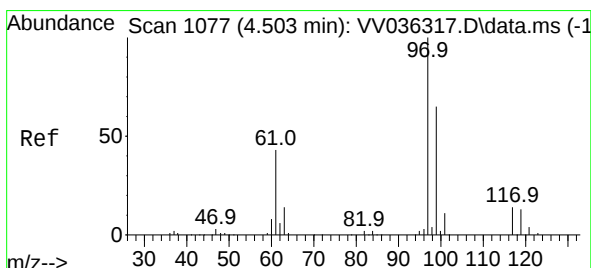
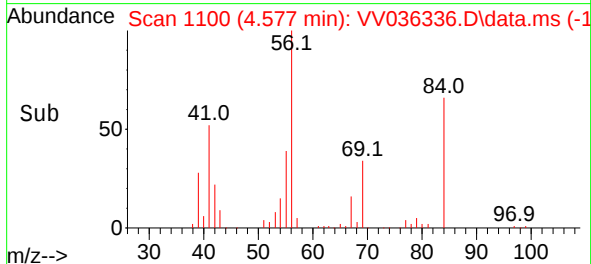
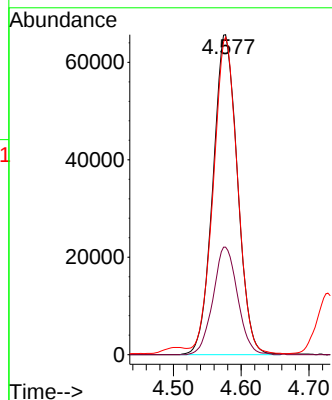
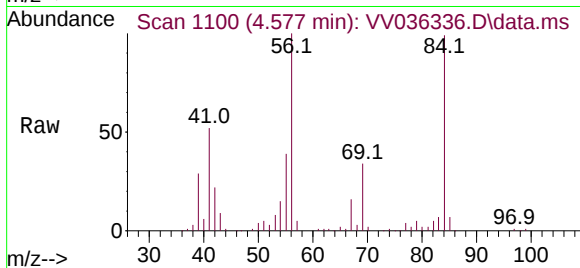
Tgt Ion: 56 Resp: 164990

Ion Ratio Lower Upper

56 100

69 33.7 26.0 39.0

84 97.6 77.4 116.0



#30

1,1,1-Trichloroethane

Concen: 24.294 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV036336.D

Acq: 28 Jun 2024 03:20

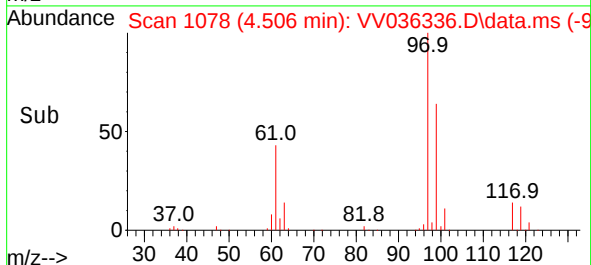
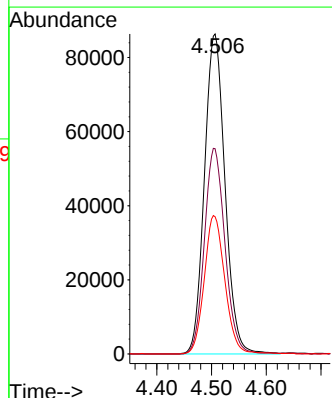
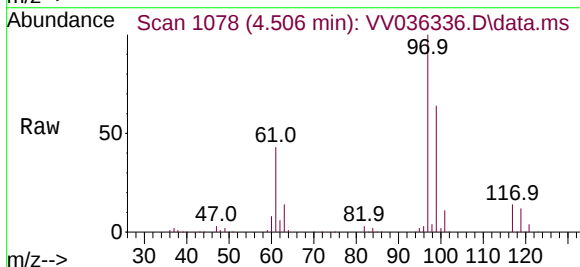
Tgt Ion: 97 Resp: 225903

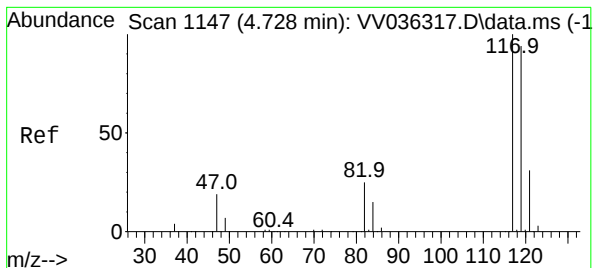
Ion Ratio Lower Upper

97 100

99 64.1 51.4 77.0

61 43.1 34.8 52.2





#31

Carbon tetrachloride

Concen: 22.990 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. -0.000 min

Lab File: VV036336.D

Acq: 28 Jun 2024 03:20

Instrument :

MSVOA_V

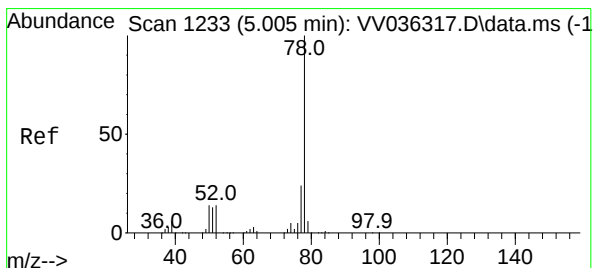
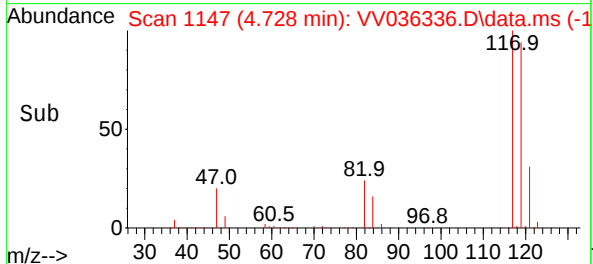
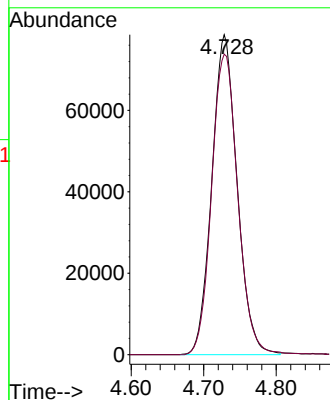
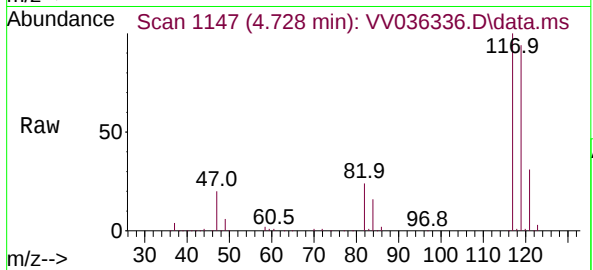
ClientSampleId :

Tgt Ion:117 Resp: 190477

Ion Ratio Lower Upper

117 100

119 97.4 77.2 115.8



#33

Benzene

Concen: 26.641 ug/L

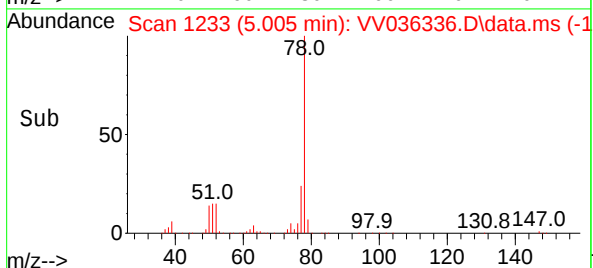
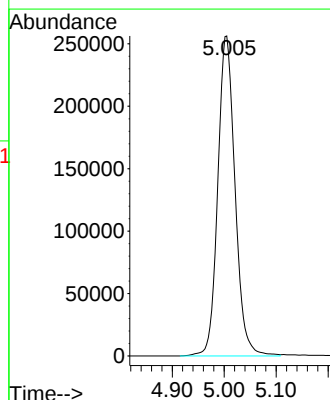
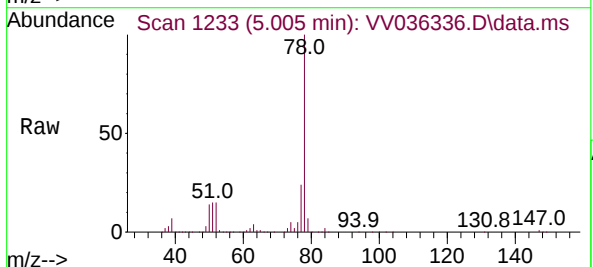
RT: 5.005 min Scan# 1233

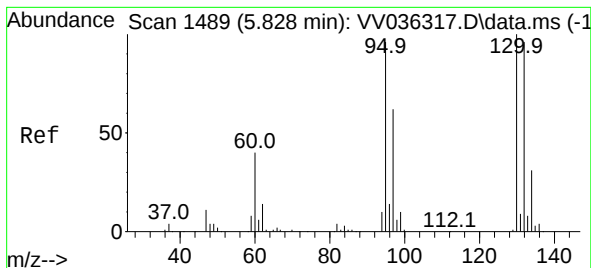
Delta R.T. -0.000 min

Lab File: VV036336.D

Acq: 28 Jun 2024 03:20

Tgt Ion: 78 Resp: 591762





#34

Trichloroethene

Concen: 25.558 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VV036336.D

Acq: 28 Jun 2024 03:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 179147

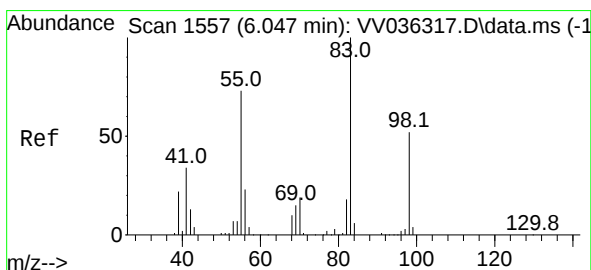
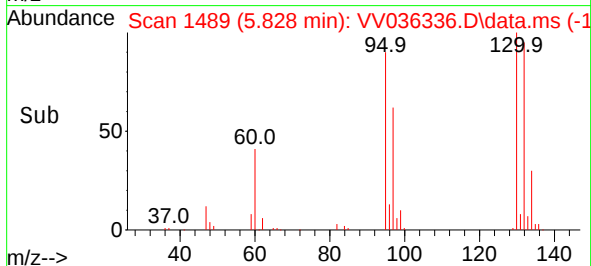
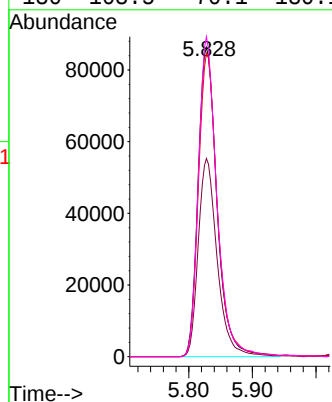
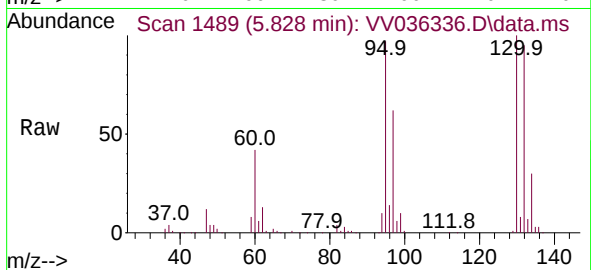
Ion Ratio Lower Upper

95 100

97 64.1 45.1 83.7

132 98.1 67.7 125.7

130 103.5 70.1 130.1



#35

Methylcyclohexane

Concen: 21.624 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. -0.003 min

Lab File: VV036336.D

Acq: 28 Jun 2024 03:20

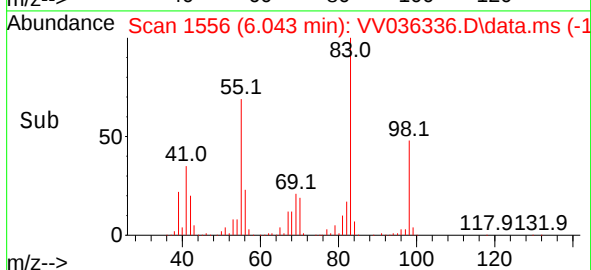
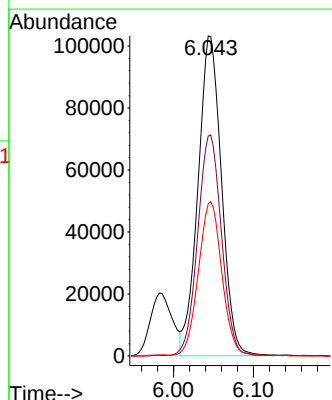
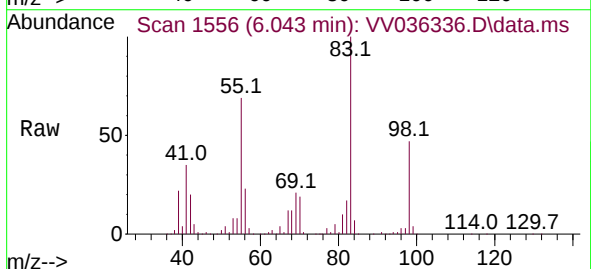
Tgt Ion: 83 Resp: 211229

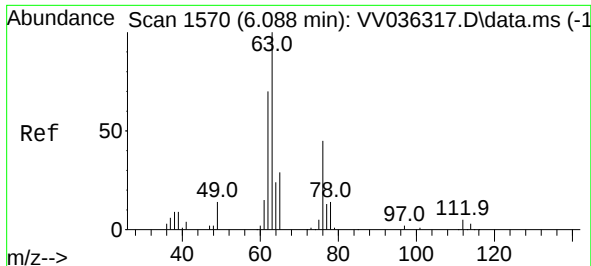
Ion Ratio Lower Upper

83 100

55 69.7 56.0 84.0

98 48.1 39.0 58.6

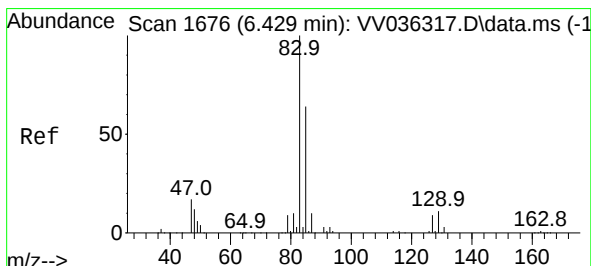
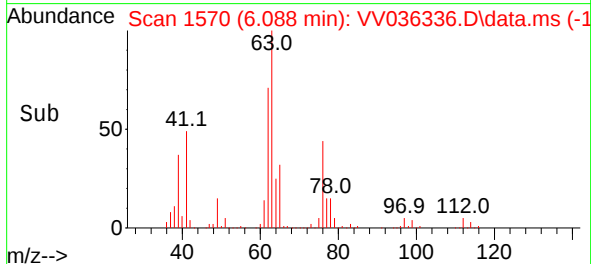
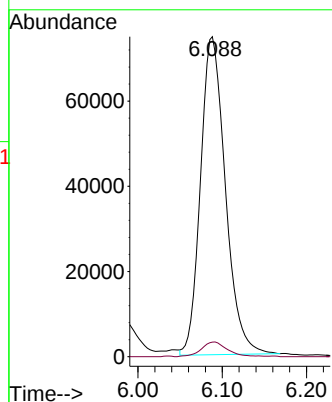
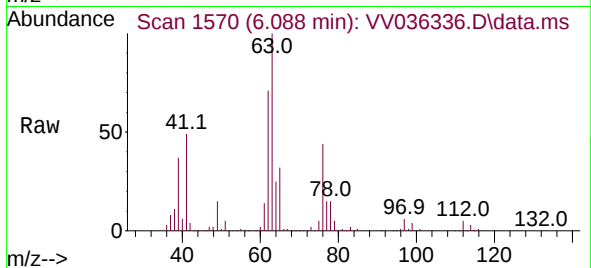




#37
1,2-Dichloropropane
Concen: 27.043 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VV036336.D
Acq: 28 Jun 2024 03:20

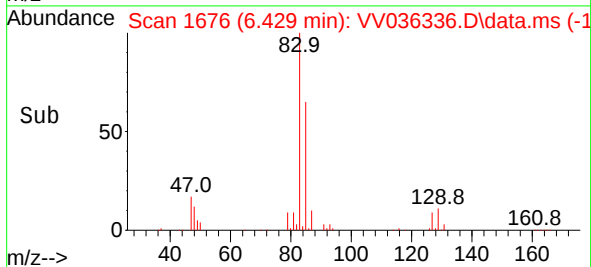
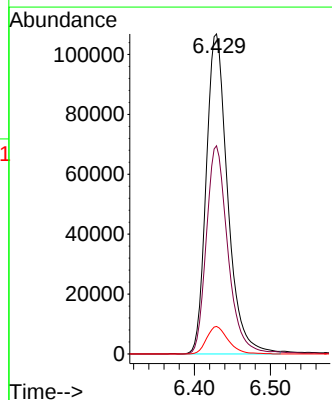
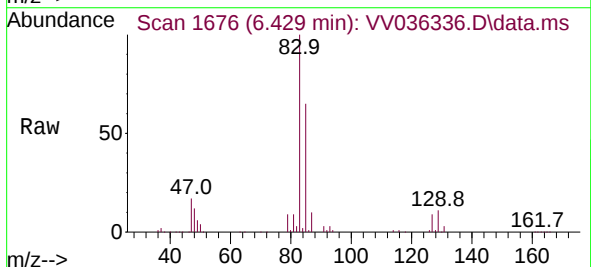
Instrument :
MSVOA_V
ClientSampleId :

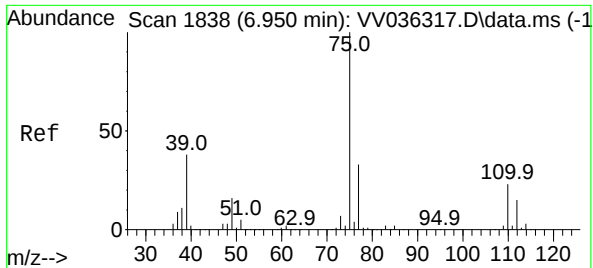
Tgt Ion: 63 Resp: 153414
Ion Ratio Lower Upper
63 100
112 4.8 3.4 5.2



#38
Bromodichloromethane
Concen: 27.025 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VV036336.D
Acq: 28 Jun 2024 03:20

Tgt Ion: 83 Resp: 209682
Ion Ratio Lower Upper
83 100
85 65.1 44.9 83.5
127 8.6 7.0 10.6

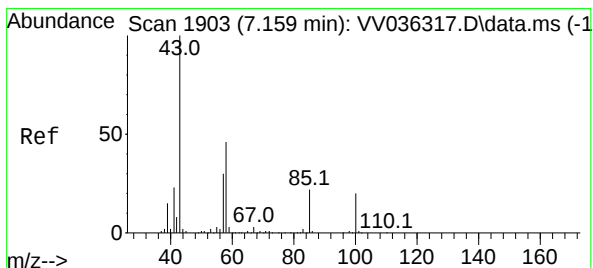
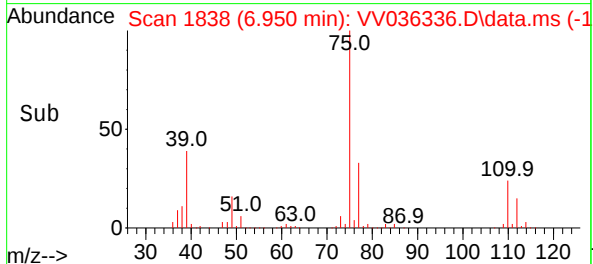
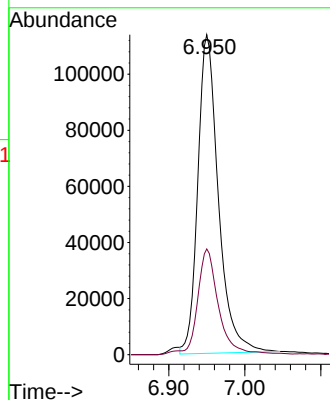
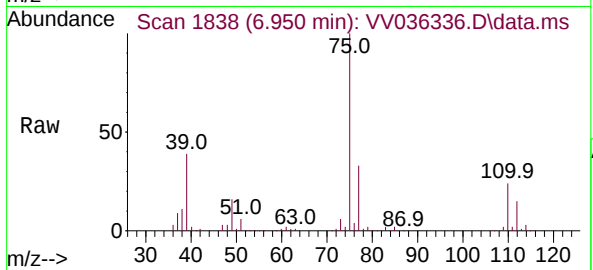




#39
cis-1,3-Dichloropropene
Concen: 24.485 ug/L
RT: 6.950 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV036336.D
Acq: 28 Jun 2024 03:20

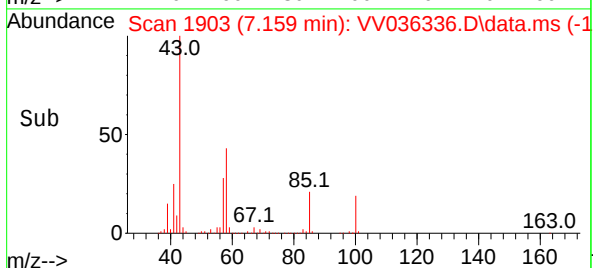
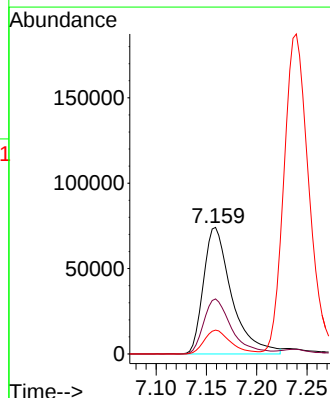
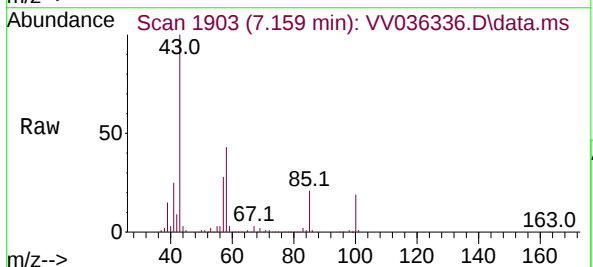
Instrument :
MSVOA_V
ClientSampleId :

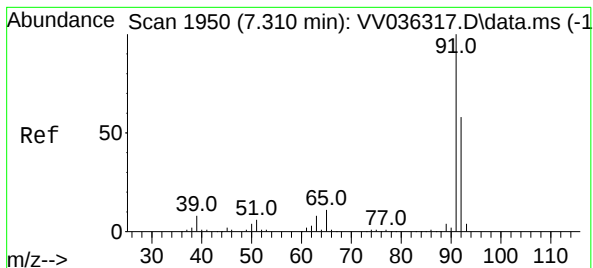
Tgt Ion: 75 Resp: 213589
Ion Ratio Lower Upper
75 100
77 33.0 22.3 41.5



#40
4-Methyl-2-pentanone
Concen: 45.292 ug/L
RT: 7.159 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VV036336.D
Acq: 28 Jun 2024 03:20

Tgt Ion: 43 Resp: 144906
Ion Ratio Lower Upper
43 100
58 43.0 34.8 52.2
100 17.9 14.6 21.8





#42

Toluene

Concen: 27.010 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VV036336.D

Acq: 28 Jun 2024 03:20

Instrument :

MSVOA_V

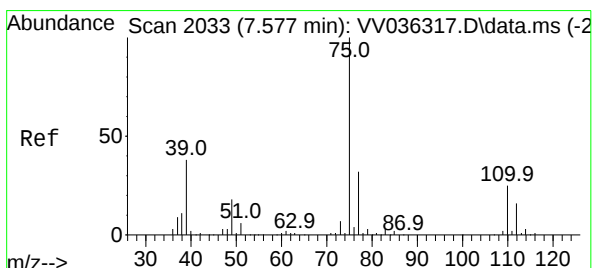
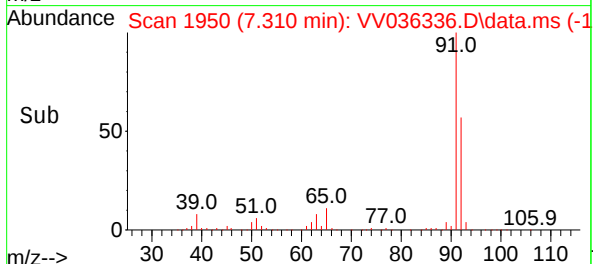
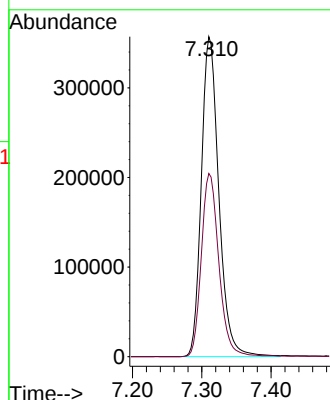
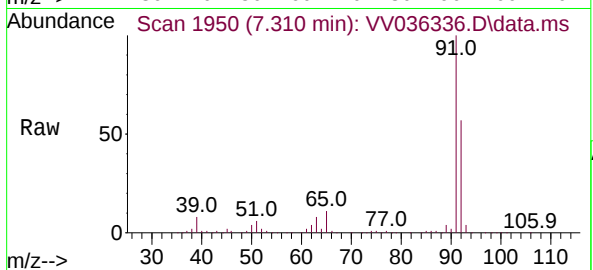
ClientSampleId :

Tgt Ion: 91 Resp: 627318

Ion Ratio Lower Upper

91 100

92 57.3 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 25.381 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV036336.D

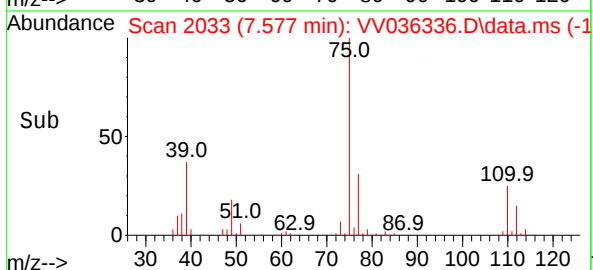
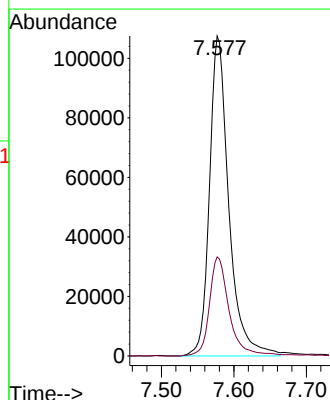
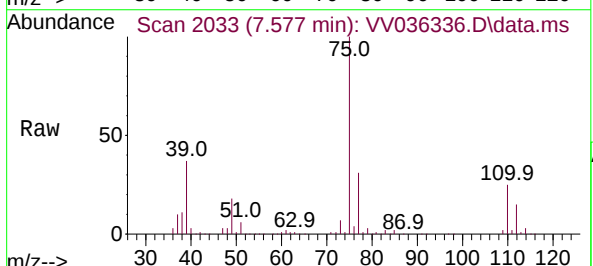
Acq: 28 Jun 2024 03:20

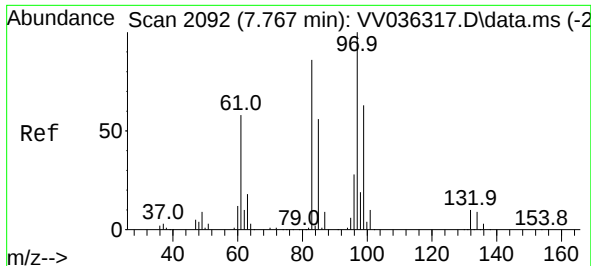
Tgt Ion: 75 Resp: 199137

Ion Ratio Lower Upper

75 100

77 31.0 22.5 41.9



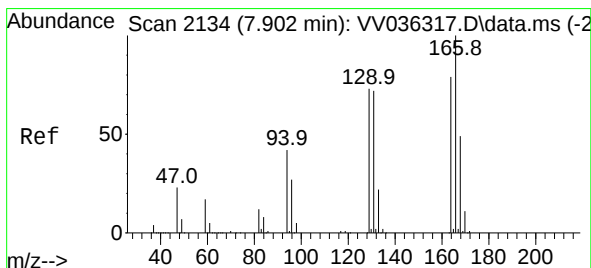
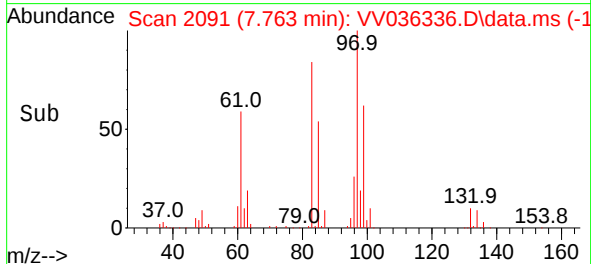
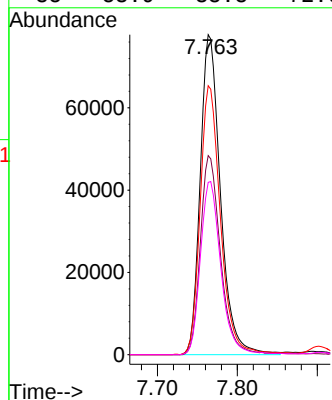
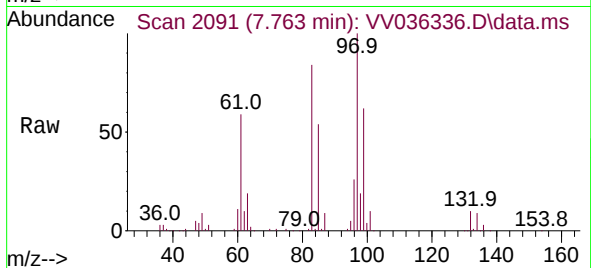


#45
1,1,2-Trichloroethane
Concen: 27.407 ug/L
RT: 7.763 min Scan# 2092
Delta R.T. -0.003 min
Lab File: VV036336.D
Acq: 28 Jun 2024 03:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 137425

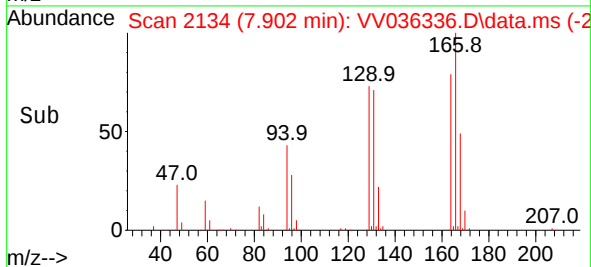
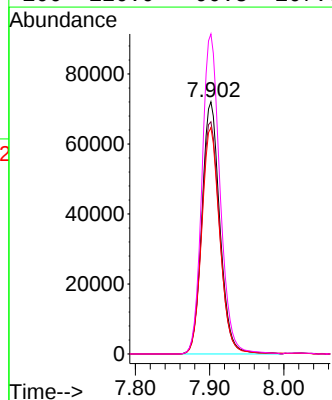
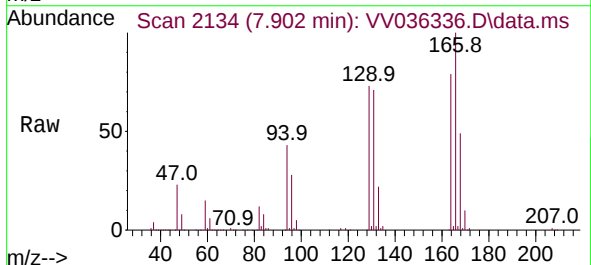
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.8	81.3
83	84.0	60.6	112.6
85	53.9	38.8	72.0

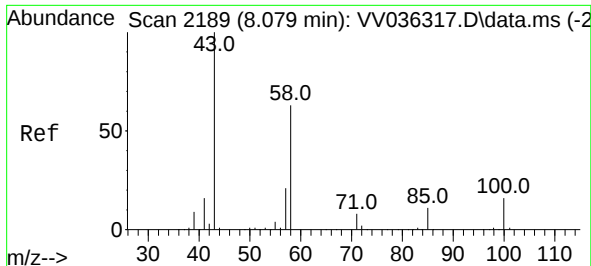


#46
Tetrachloroethene
Concen: 23.745 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.000 min
Lab File: VV036336.D
Acq: 28 Jun 2024 03:20

Tgt Ion:164 Resp: 120961

Ion	Ratio	Lower	Upper
164	100		
129	92.1	65.9	122.5
131	89.8	63.3	117.7
166	126.9	90.3	167.7

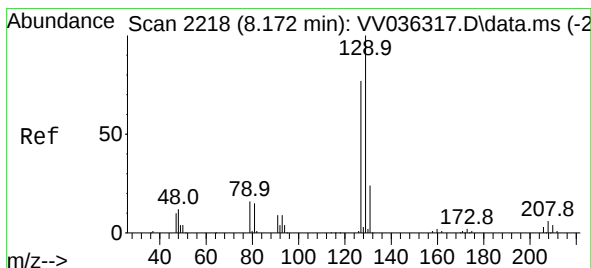
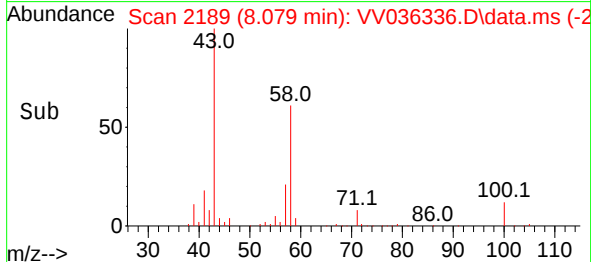
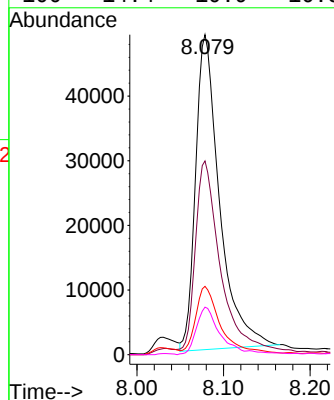
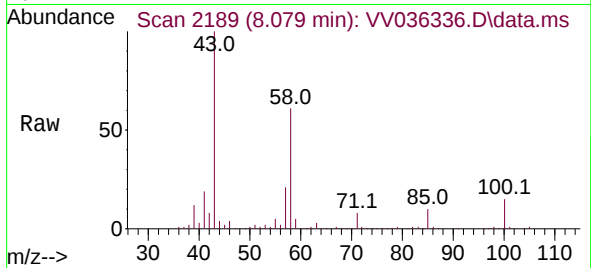




#48
2-Hexanone
Concen: 37.301 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV036336.D
Acq: 28 Jun 2024 03:20

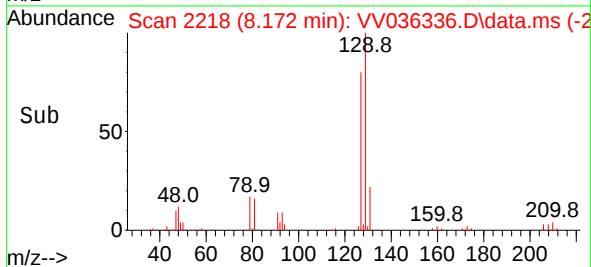
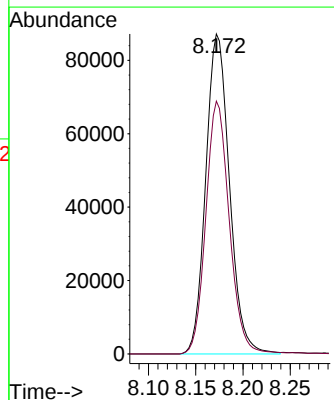
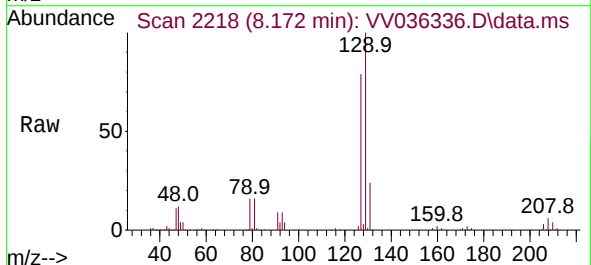
Instrument :
MSVOA_V
ClientSampleId :

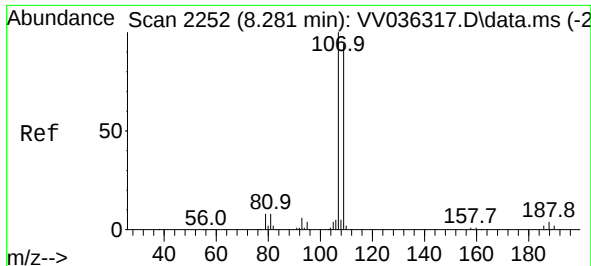
Tgt Ion: 43	Resp: 93869
Ion Ratio	Lower Upper
43 100	
58 64.0	48.5 72.7
57 22.6	15.8 23.6
100 14.4	10.9 16.3



#49
Dibromochloromethane
Concen: 27.216 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.000 min
Lab File: VV036336.D
Acq: 28 Jun 2024 03:20

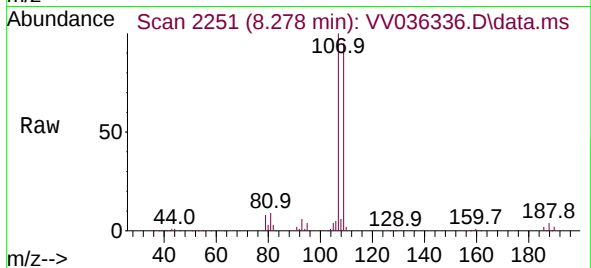
Tgt Ion:129	Resp: 152129
Ion Ratio	Lower Upper
129 100	
127 79.0	54.9 101.9



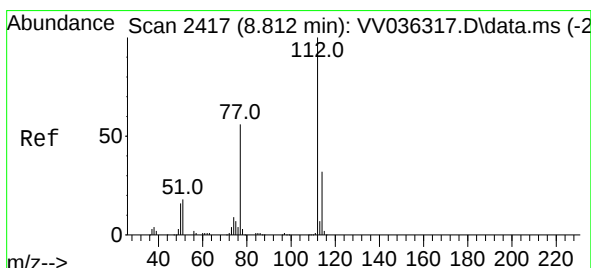
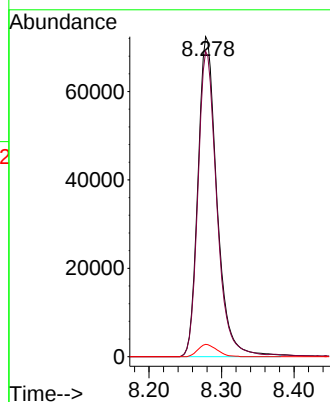
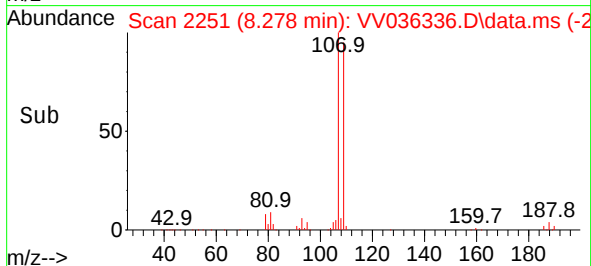


#50
1,2-Dibromoethane
Concen: 26.729 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV036336.D
Acq: 28 Jun 2024 03:20

Instrument :
MSVOA_V
ClientSampleId :

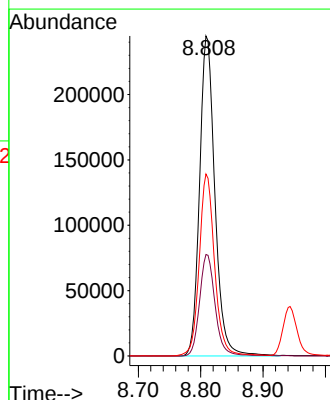
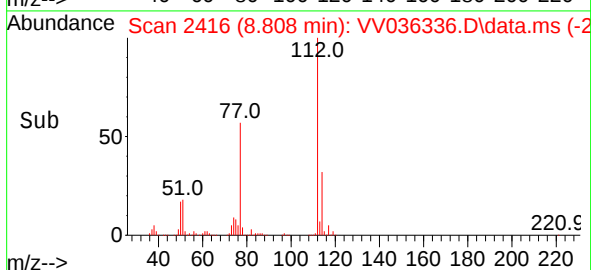
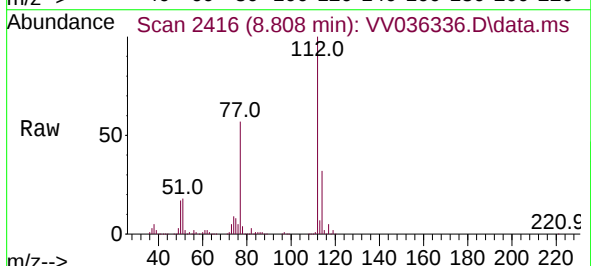


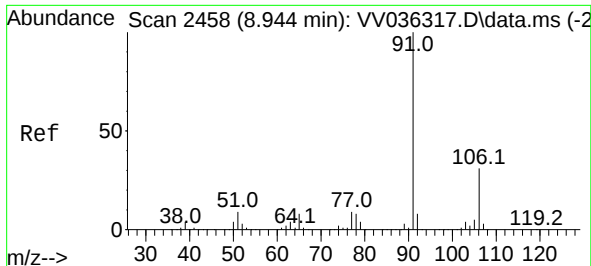
Tgt Ion:107 Resp: 132032
Ion Ratio Lower Upper
107 100
109 95.4 64.7 120.1
188 3.9 3.0 4.6



#51
Chlorobenzene
Concen: 26.344 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. -0.003 min
Lab File: VV036336.D
Acq: 28 Jun 2024 03:20

Tgt Ion:112 Resp: 418250
Ion Ratio Lower Upper
112 100
114 31.7 22.8 42.4
77 56.9 46.2 69.2





#52

Ethylbenzene

Concen: 26.061 ug/L

RT: 8.943 min Scan# 2458

Delta R.T. -0.000 min

Lab File: VV036336.D

Acq: 28 Jun 2024 03:20

Instrument :

MSVOA_V

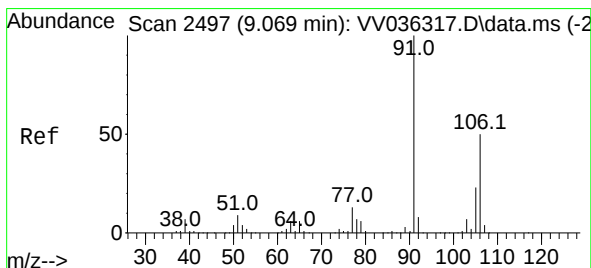
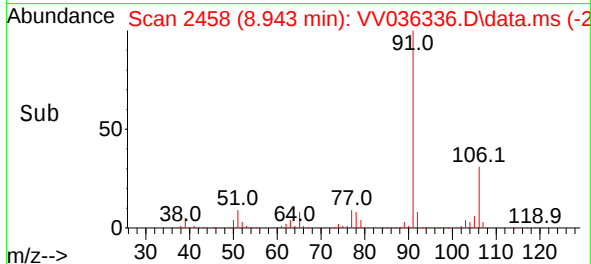
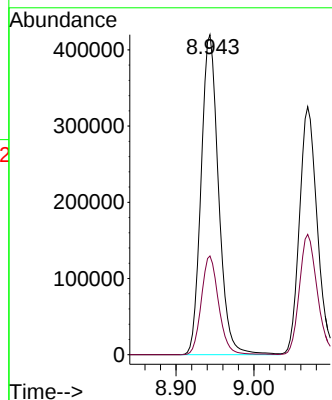
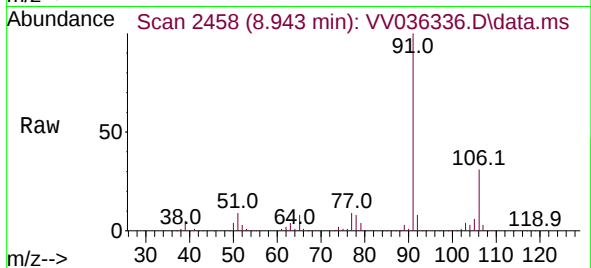
ClientSampleId :

Tgt Ion: 91 Resp: 653199

Ion Ratio Lower Upper

91 100

106 30.8 21.8 40.4



#53

m,p-Xylene

Concen: 26.946 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. -0.000 min

Lab File: VV036336.D

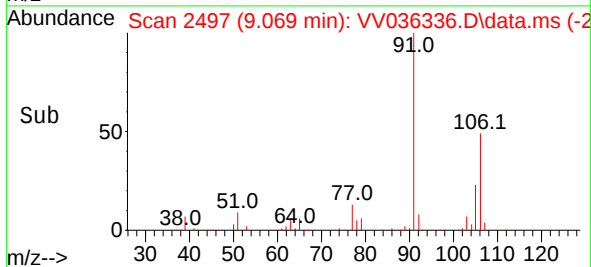
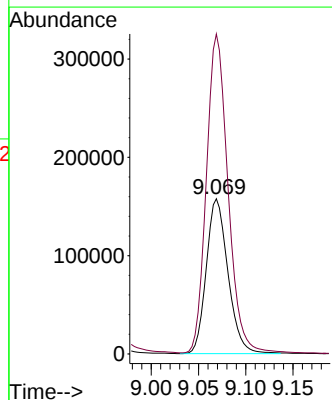
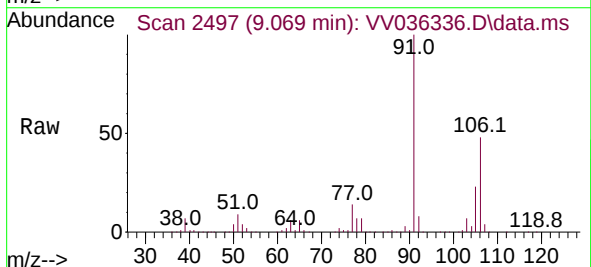
Acq: 28 Jun 2024 03:20

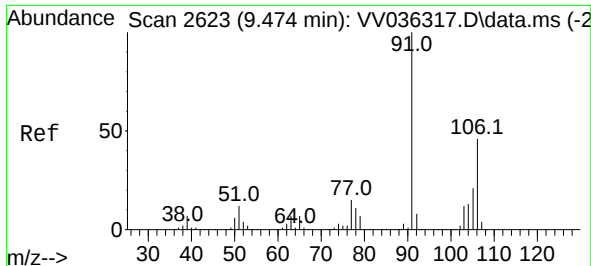
Tgt Ion:106 Resp: 251714

Ion Ratio Lower Upper

106 100

91 206.2 142.2 264.0

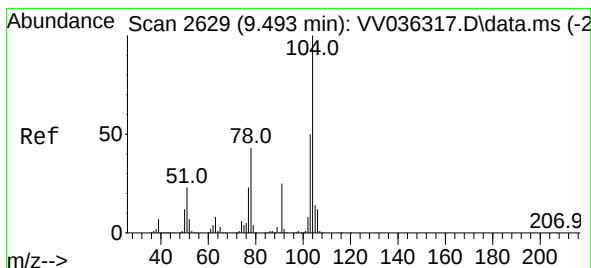
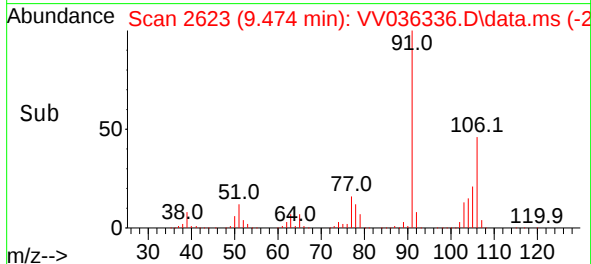
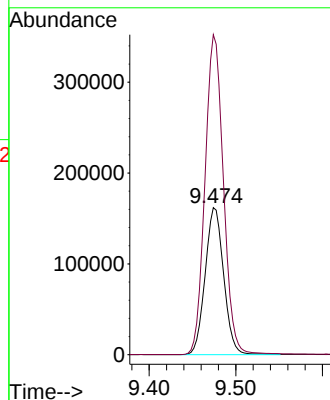
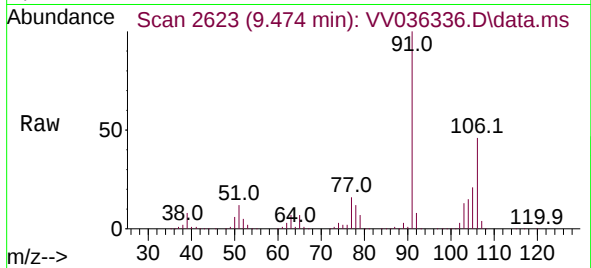




#54
o-Xylene
Concen: 27.410 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. -0.000 min
Lab File: VV036336.D
Acq: 28 Jun 2024 03:20

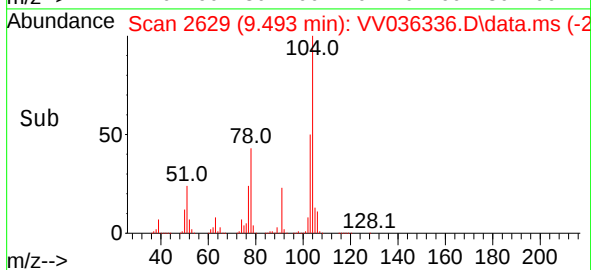
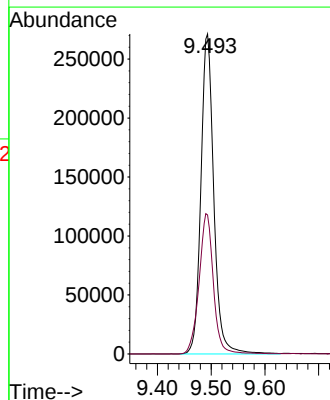
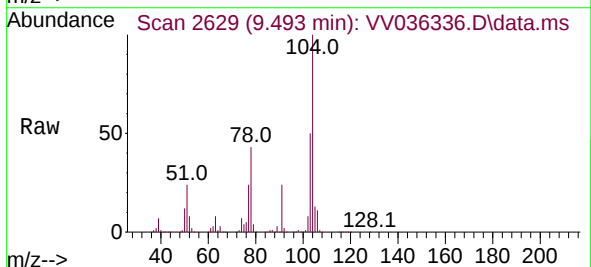
Instrument :
MSVOA_V
ClientSampleId :

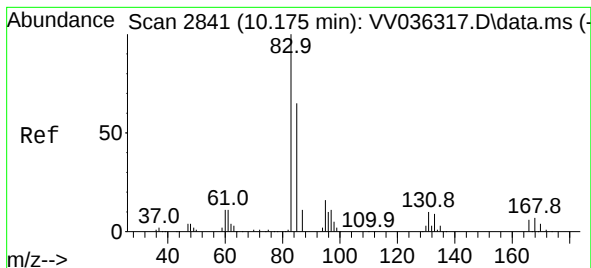
Tgt Ion:106 Resp: 240783
Ion Ratio Lower Upper
106 100
91 217.7 152.7 283.7



#55
Styrene
Concen: 29.393 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV036336.D
Acq: 28 Jun 2024 03:20

Tgt Ion:104 Resp: 452523
Ion Ratio Lower Upper
104 100
78 43.4 30.2 56.2





#57

1,1,2,2-Tetrachloroethane

Concen: 24.312 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. -0.000 min

Lab File: VV036336.D

Acq: 28 Jun 2024 03:20

Instrument :

MSVOA_V

ClientSampleId :

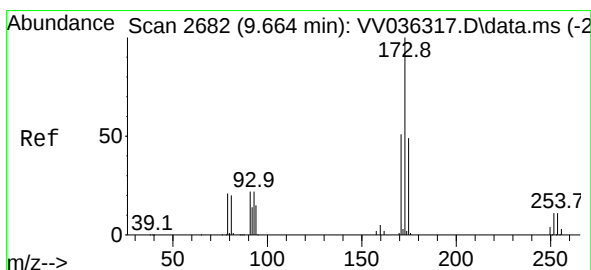
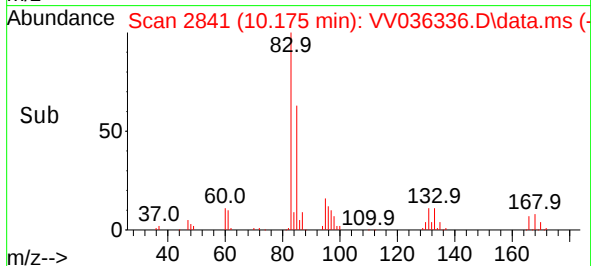
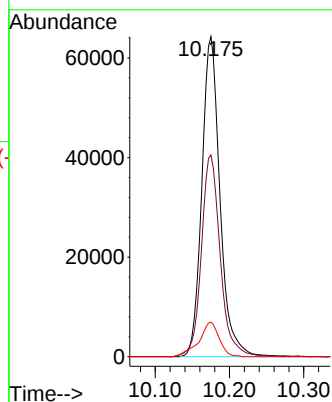
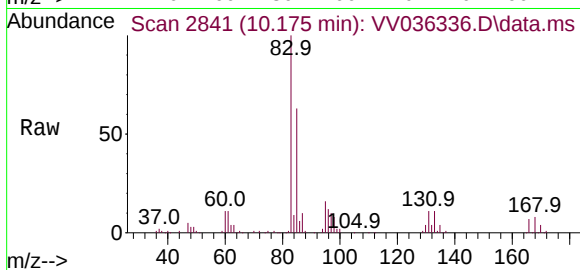
Tgt Ion: 83 Resp: 109106

Ion Ratio Lower Upper

83 100

85 63.1 45.7 84.9

131 10.8 7.8 11.6



#59

Bromoform

Concen: 25.750 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. -0.000 min

Lab File: VV036336.D

Acq: 28 Jun 2024 03:20

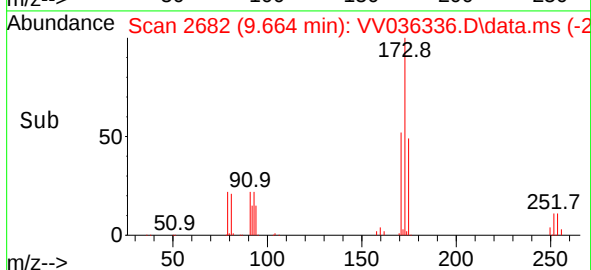
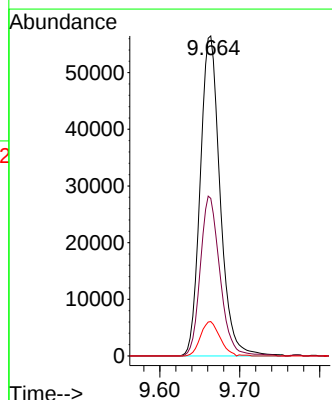
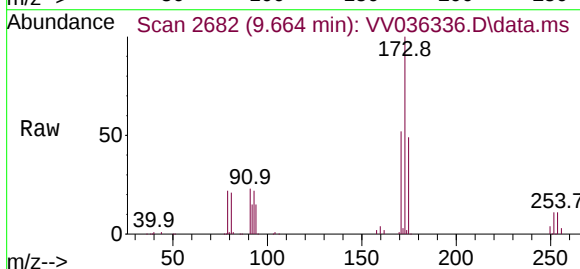
Tgt Ion:173 Resp: 97593

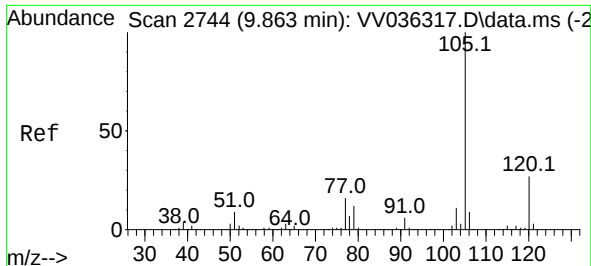
Ion Ratio Lower Upper

173 100

175 49.0 38.9 58.3

254 10.5 7.2 10.8

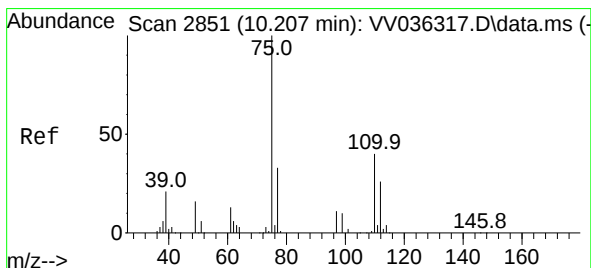
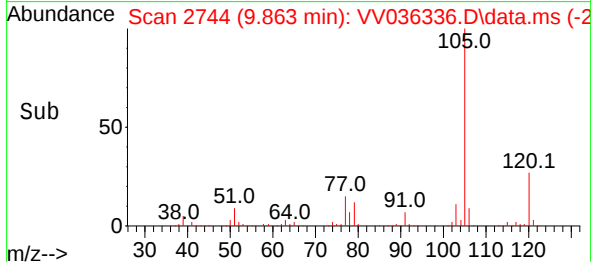
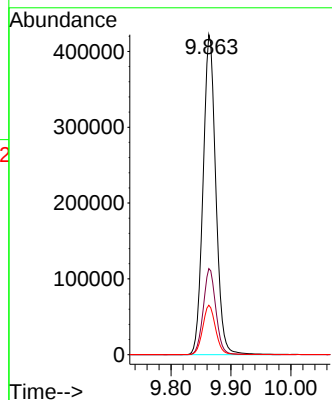
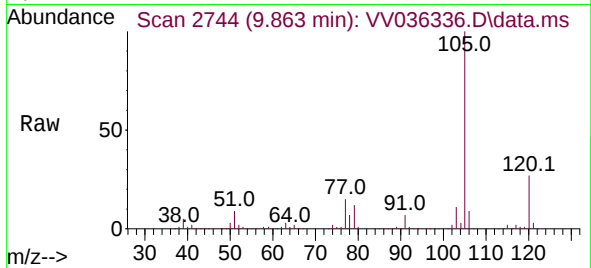




#60
Isopropylbenzene
Concen: 25.832 ug/L
RT: 9.863 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV036336.D
Acq: 28 Jun 2024 03:20

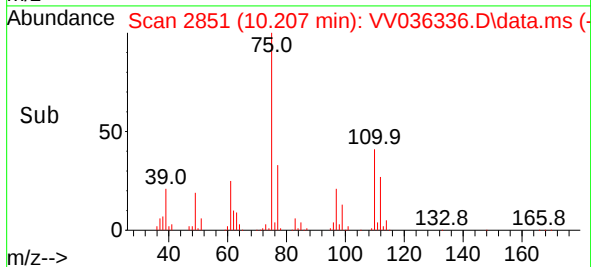
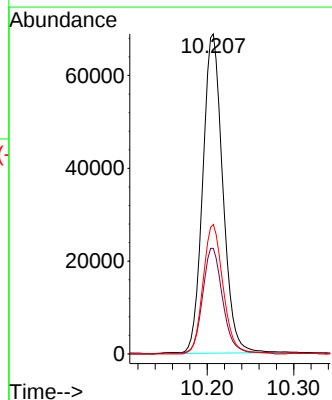
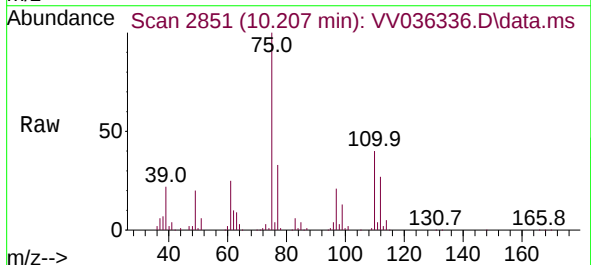
Instrument :
MSVOA_V
ClientSampleId :

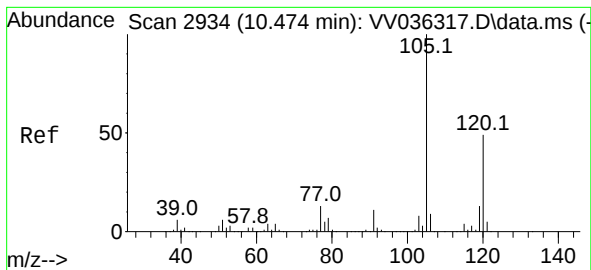
Tgt Ion:105 Resp: 625194
Ion Ratio Lower Upper
105 100
120 26.6 21.2 31.8
77 15.5 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 24.396 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV036336.D
Acq: 28 Jun 2024 03:20

Tgt Ion: 75 Resp: 110227
Ion Ratio Lower Upper
75 100
77 32.9 25.2 37.8
110 40.8 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 26.286 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV036336.D

Acq: 28 Jun 2024 03:20

Instrument :

MSVOA_V

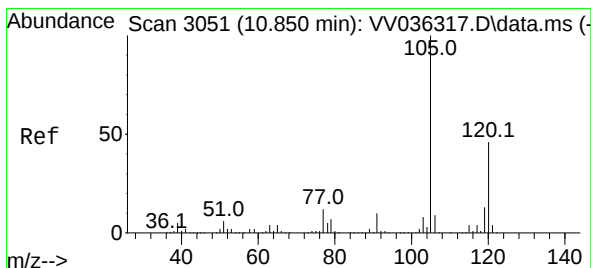
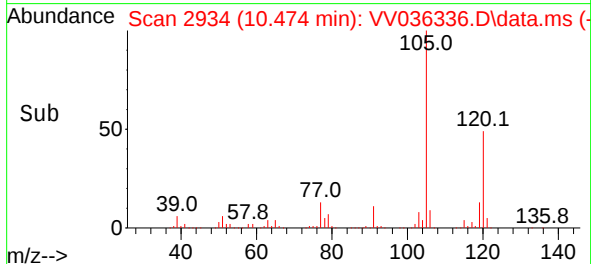
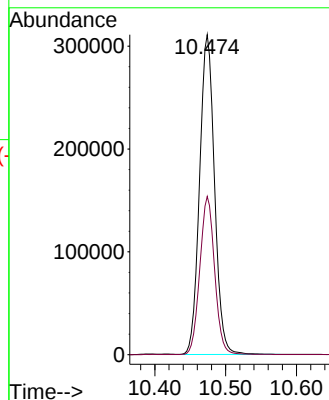
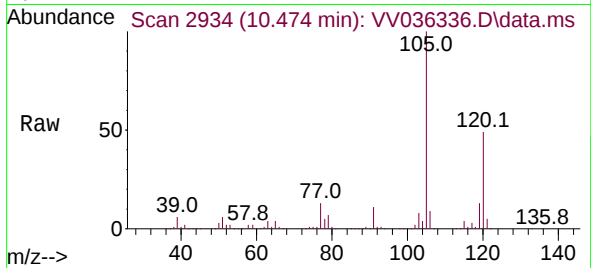
ClientSampleId :

Tgt Ion:105 Resp: 455277

Ion Ratio Lower Upper

105 100

120 49.0 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 27.221 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. -0.003 min

Lab File: VV036336.D

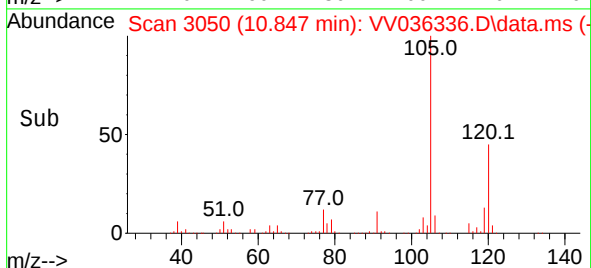
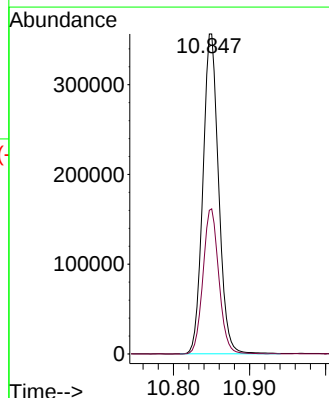
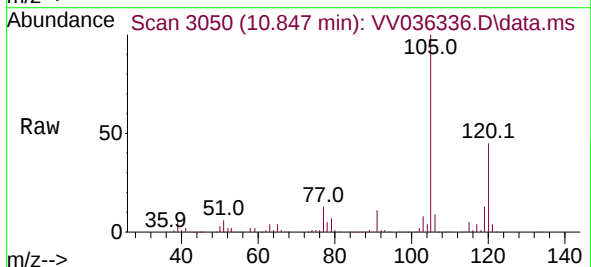
Acq: 28 Jun 2024 03:20

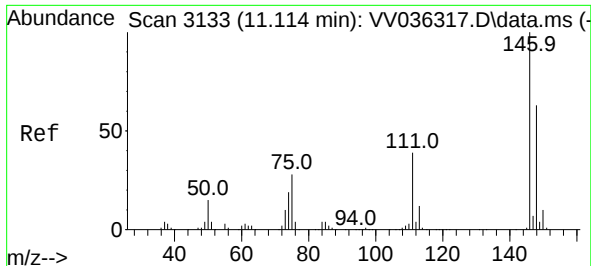
Tgt Ion:105 Resp: 512353

Ion Ratio Lower Upper

105 100

120 45.7 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 25.931 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.000 min

Lab File: VV036336.D

Acq: 28 Jun 2024 03:20

Instrument :

MSVOA_V

ClientSampleId :

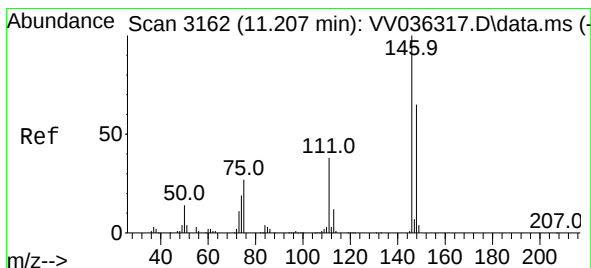
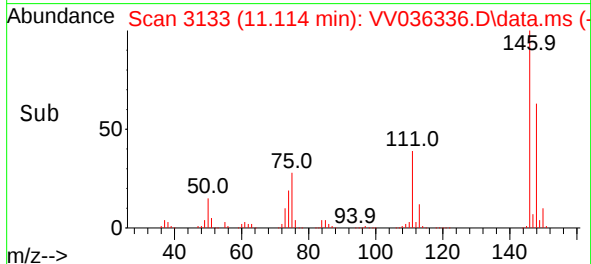
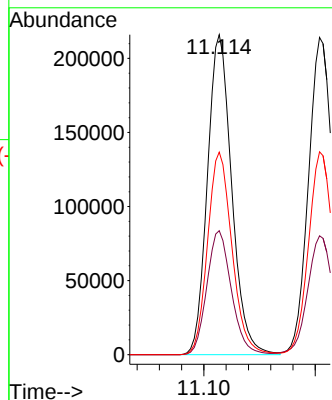
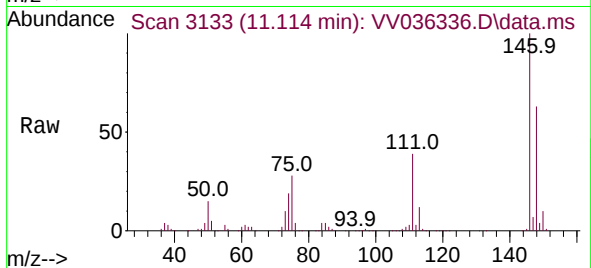
Tgt Ion:146 Resp: 327019

Ion Ratio Lower Upper

146 100

111 38.7 27.5 51.1

148 63.3 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 24.932 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. -0.003 min

Lab File: VV036336.D

Acq: 28 Jun 2024 03:20

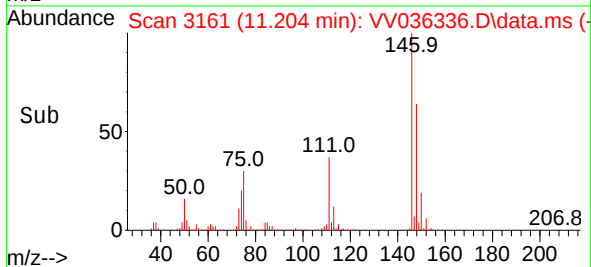
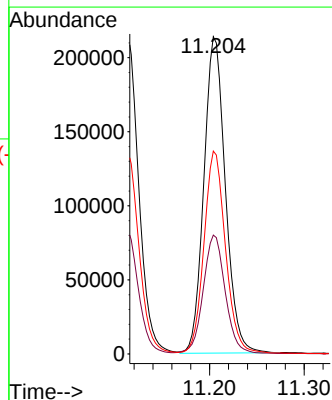
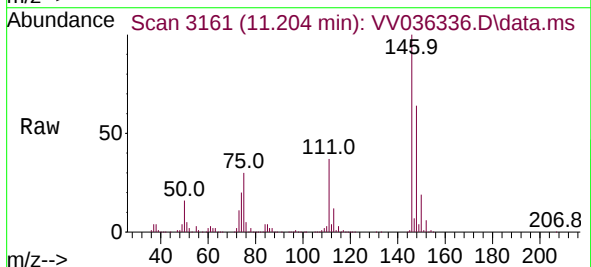
Tgt Ion:146 Resp: 337039

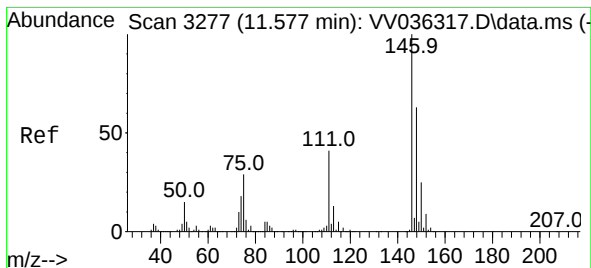
Ion Ratio Lower Upper

146 100

111 37.5 27.5 51.1

148 64.0 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 25.150 ug/L

RT: 11.574 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV036336.D

Acq: 28 Jun 2024 03:20

Instrument :

MSVOA_V

ClientSampleId :

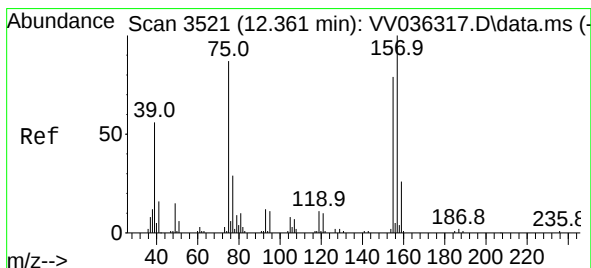
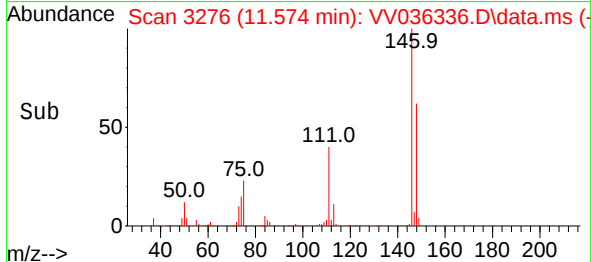
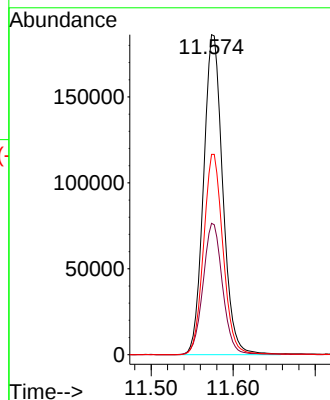
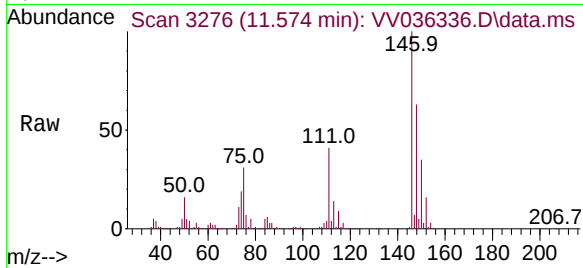
Tgt Ion:146 Resp: 302797

Ion Ratio Lower Upper

146 100

111 41.1 33.3 49.9

148 62.6 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 23.511 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV036336.D

Acq: 28 Jun 2024 03:20

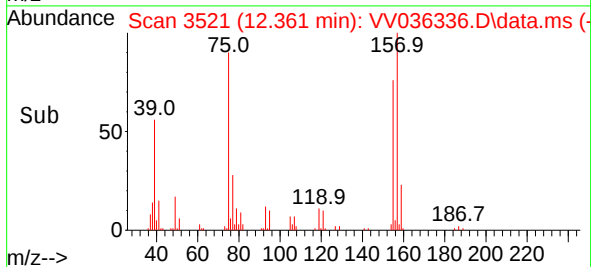
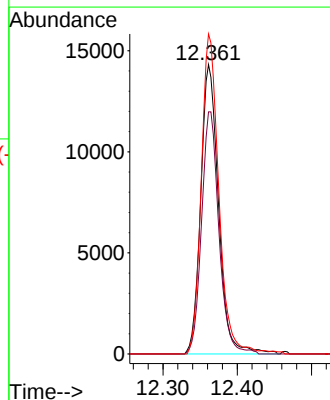
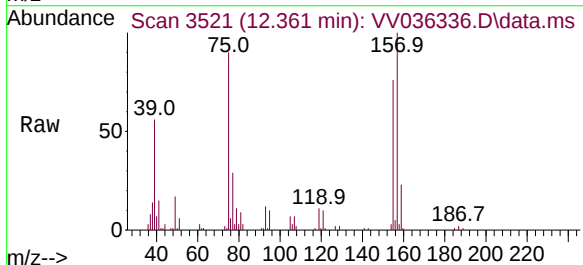
Tgt Ion: 75 Resp: 23833

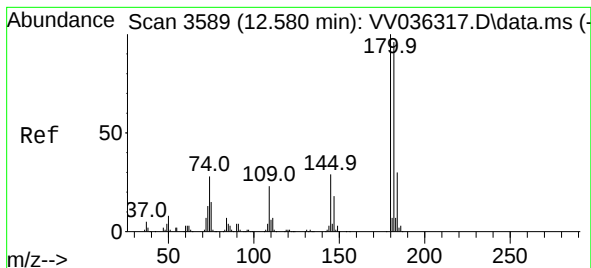
Ion Ratio Lower Upper

75 100

155 83.7 68.3 102.5

157 110.6 95.7 143.5





#69

1,3,5-Trichlorobenzene

Concen: 21.997 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

Lab File: VV036336.D

Acq: 28 Jun 2024 03:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 208887

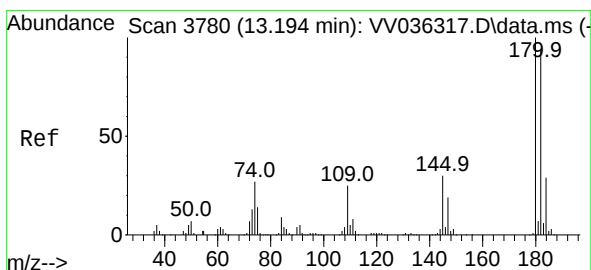
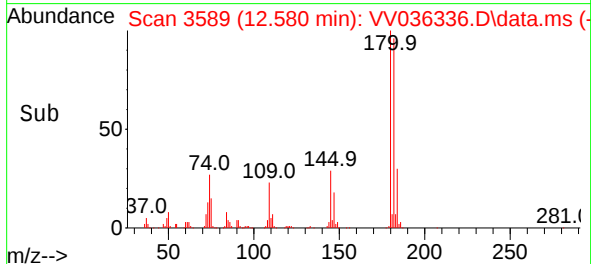
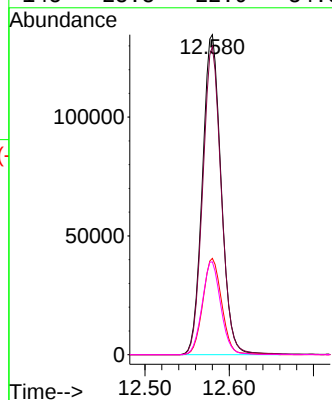
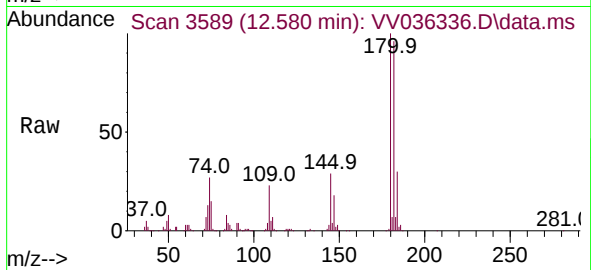
Ion Ratio Lower Upper

180 100

182 95.7 76.2 114.4

184 30.3 23.3 34.9

145 28.8 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 21.721 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.000 min

Lab File: VV036336.D

Acq: 28 Jun 2024 03:20

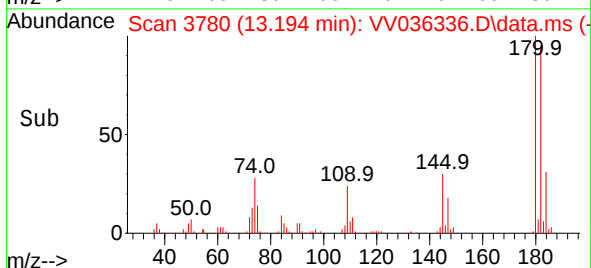
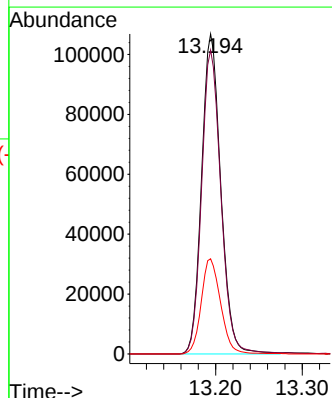
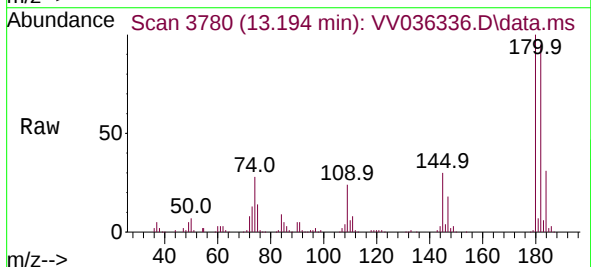
Tgt Ion:180 Resp: 164482

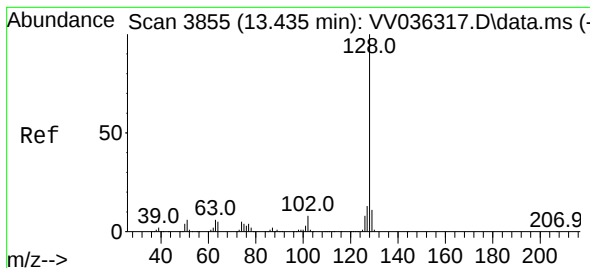
Ion Ratio Lower Upper

180 100

182 95.3 76.1 114.1

145 30.0 23.8 35.8





#71

Naphthalene

Concen: 21.768 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV036336.D

Acq: 28 Jun 2024 03:20

Instrument :

MSVOA_V

ClientSampleId :

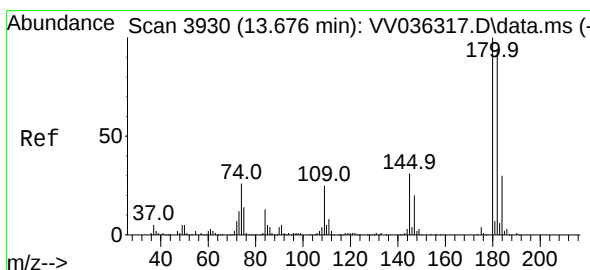
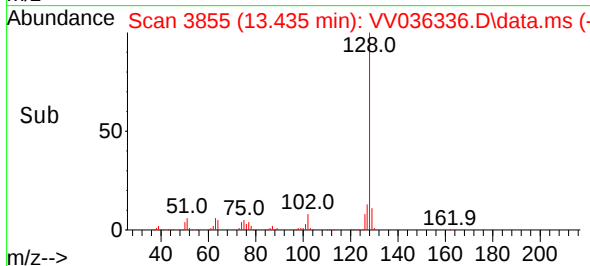
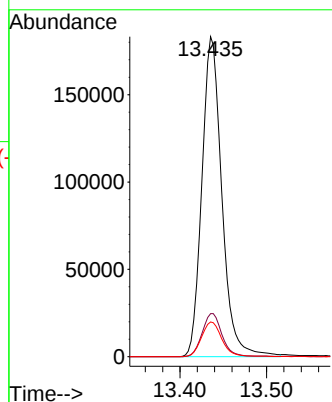
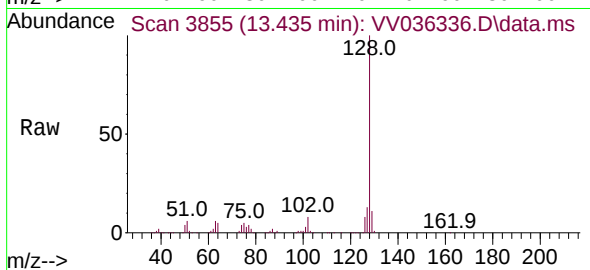
Tgt Ion:128 Resp: 293911

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

129 11.0 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 23.699 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. -0.000 min

Lab File: VV036336.D

Acq: 28 Jun 2024 03:20

Tgt Ion:180 Resp: 168759

Ion Ratio Lower Upper

180 100

182 95.7 76.7 115.1

145 30.9 25.0 37.4

