

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
 Data File : VV037068.D
 Acq On : 27 Aug 2024 08:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 28 04:11:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 03:16:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	629509	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	611397	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	310131	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	267557	46.463	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.920%
7) Chloroethane-d5	1.529	69	214201	48.129	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.260%
11) 1,1-Dichloroethene-d2	2.056	65	115274	47.628	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.260%
21) 2-Butanone-d5	3.789	46	190004	85.205	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.200%
24) Chloroform-d	4.239	84	457280	50.738	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.480%
26) 1,2-Dichloroethane-d4	4.934	65	277949	48.972	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.940%
32) Benzene-d6	4.950	84	899463	48.708	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.420%
36) 1,2-Dichloropropane-d6	5.982	67	283486	49.012	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.020%
41) Toluene-d8	7.236	98	815872	48.954	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.900%
43) trans-1,3-Dichloroprop...	7.548	79	127896	47.795	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.600%
47) 2-Hexanone-d5	8.021	63	149280	94.568	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.570%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	339017	48.328	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.660%
66) 1,2-Dichlorobenzene-d4	11.554	152	298115	47.996	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	277227	52.114	ug/L	99
3) Chloromethane	1.217	50	279570	46.731	ug/L	100
5) Vinyl chloride	1.281	62	293124	52.192	ug/L	99
6) Bromomethane	1.487	94	154473	49.086	ug/L	98
8) Chloroethane	1.548	64	183920	53.539	ug/L	99
9) Trichlorofluoromethane	1.712	101	396950	54.160	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	235862	54.106	ug/L	99
12) 1,1-Dichloroethene	2.066	96	214787	52.298	ug/L	88
13) Acetone	2.111	43	213942	89.455	ug/L	100
14) Carbon disulfide	2.236	76	641666	51.465	ug/L	100
15) Methyl Acetate	2.368	43	204780	51.073	ug/L	100
16) Methylene chloride	2.442	84	245248	52.926	ug/L	99
17) trans-1,2-Dichloroethene	2.686	96	226544	53.135	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	703222	52.433	ug/L	100
19) 1,1-Dichloroethane	3.104	63	453678	53.581	ug/L	99
20) cis-1,2-Dichloroethene	3.805	96	245479	52.105	ug/L	99
22) 2-Butanone	3.870	43	243922	92.634	ug/L	98
23) Bromochloromethane	4.137	128	122719	53.064	ug/L	96
25) Chloroform	4.268	83	433389	50.541	ug/L	100

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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

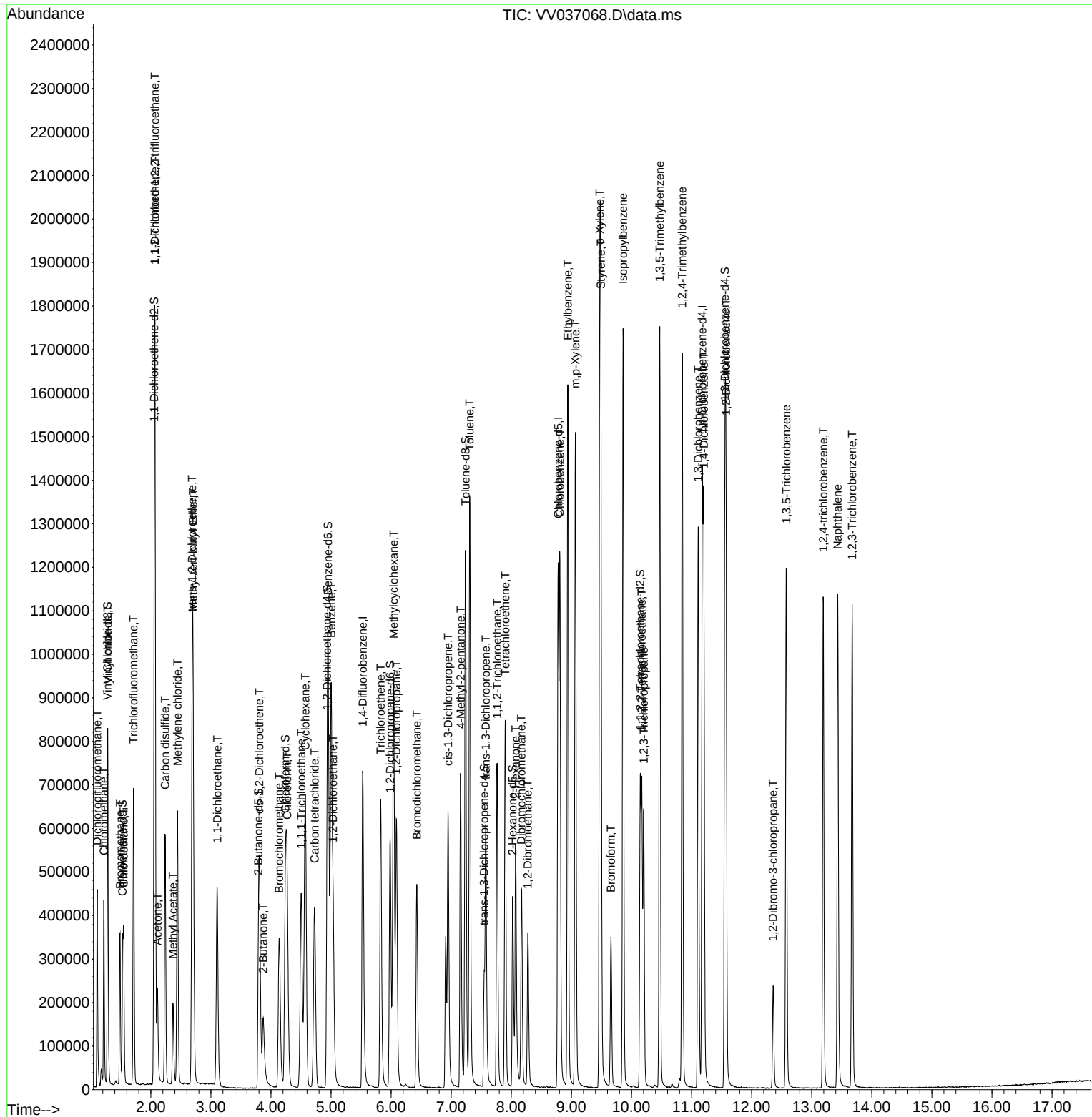
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	335465	53.332	ug/L	99
29) Cyclohexane	4.571	56	372858	51.867	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	365280	51.924	ug/L	99
31) Carbon tetrachloride	4.725	117	311309	52.443	ug/L	98
33) Benzene	5.002	78	924701	52.407	ug/L	100
34) Trichloroethene	5.825	95	241449	51.845	ug/L	98
35) Methylcyclohexane	6.043	83	400440	52.922	ug/L	98
37) 1,2-Dichloropropane	6.085	63	245634	51.928	ug/L	100
38) Bromodichloromethane	6.426	83	315209	51.991	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	388386	52.029	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	472589	98.271	ug/L	100
42) Toluene	7.307	91	978279	53.251	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	346867	51.986	ug/L	98
45) 1,1,2-Trichloroethane	7.763	97	226538	51.446	ug/L	96
46) Tetrachloroethene	7.899	164	177908	53.242	ug/L	99
48) 2-Hexanone	8.072	43	352297	94.723	ug/L	99
49) Dibromochloromethane	8.169	129	227303	51.552	ug/L	99
50) 1,2-Dibromoethane	8.275	107	233885	52.489	ug/L	99
51) Chlorobenzene	8.808	112	629393	51.750	ug/L	100
52) Ethylbenzene	8.940	91	1110298	53.506	ug/L	99
53) m,p-Xylene	9.066	106	411724	53.551	ug/L	99
54) o-Xylene	9.471	106	401295	53.308	ug/L	99
55) Styrene	9.490	104	708138	54.213	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	334908	51.353	ug/L	100
59) Bromoform	9.657	173	144836	50.153	ug/L	99
60) Isopropylbenzene	9.860	105	1092751	54.351	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	246502	51.094	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	895152	54.418	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	895620	54.558	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	489557	52.731	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	501188	52.745	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	476327	52.180	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	59642	49.572	ug/L	98
69) 1,3,5-Trichlorobenzene	12.577	180	341934	52.932	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	316411	52.016	ug/L	99
71) Naphthalene	13.432	128	884365	50.348	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	310827	51.852	ug/L	100

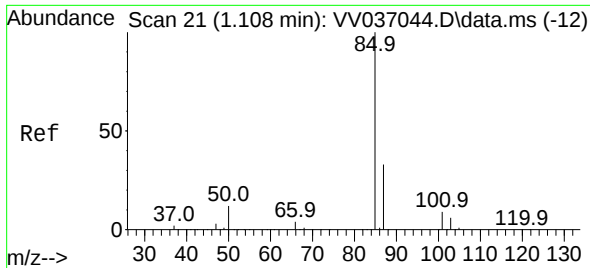
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Data File : VV037068.D
Acq On : 27 Aug 2024 08:10
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Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

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ClientSampleId :

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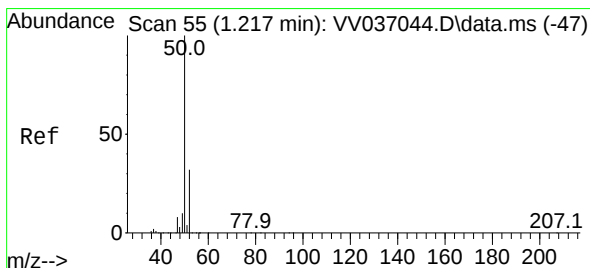
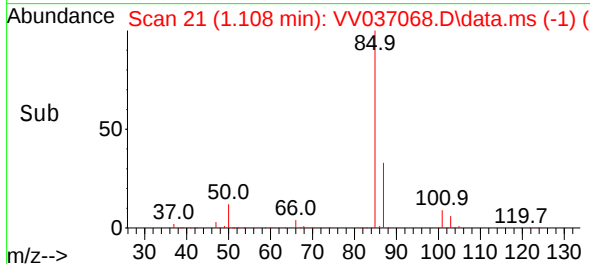
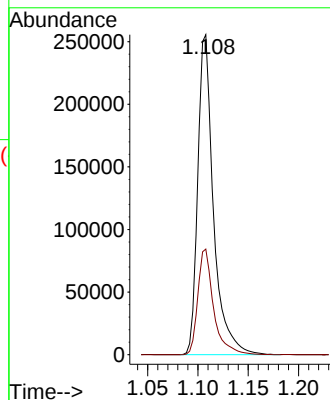
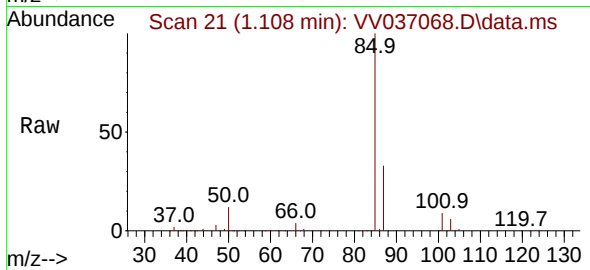




#2
Dichlorodifluoromethane
Concen: 52.114 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037068.D
Acq: 27 Aug 2024 08:10

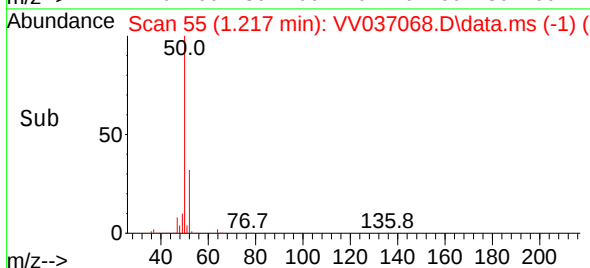
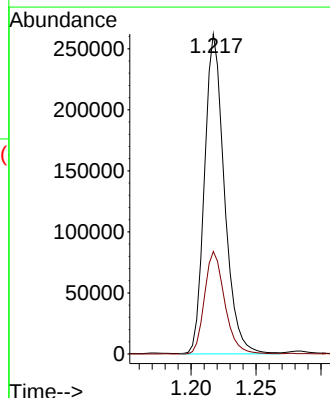
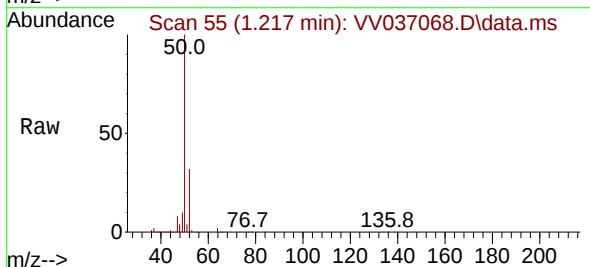
Instrument :
MSVOA_V
ClientSampleId :

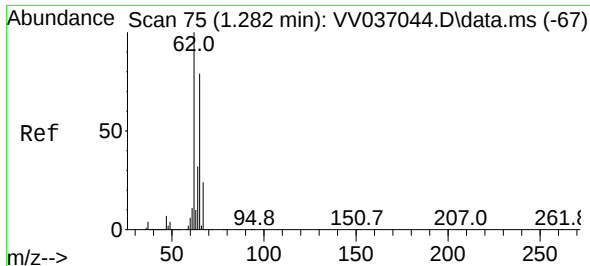
Tgt Ion: 85 Resp: 277227
Ion Ratio Lower Upper
85 100
87 33.1 25.9 38.9



#3
Chloromethane
Concen: 46.731 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV037068.D
Acq: 27 Aug 2024 08:10

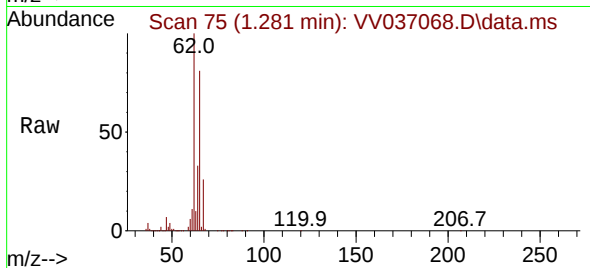
Tgt Ion: 50 Resp: 279570
Ion Ratio Lower Upper
50 100
52 32.0 22.5 41.9



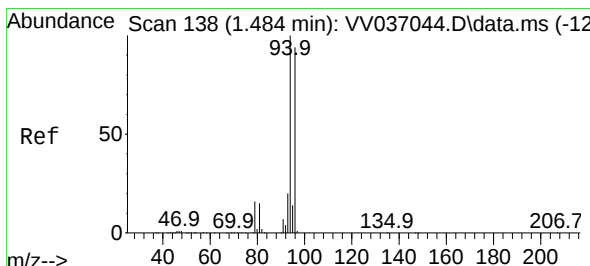
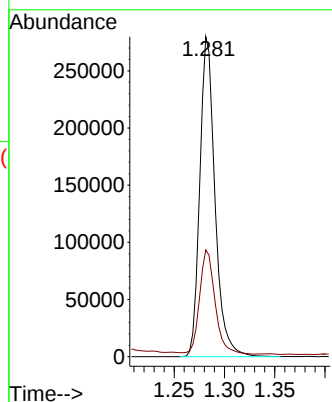
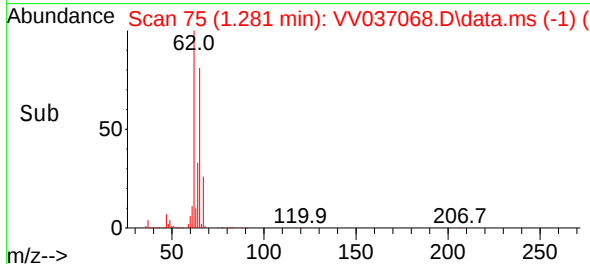


#5
 Vinyl chloride
 Concen: 52.192 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV037068.D
 Acq: 27 Aug 2024 08:10

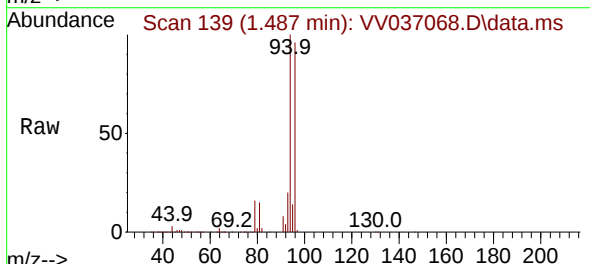
Instrument :
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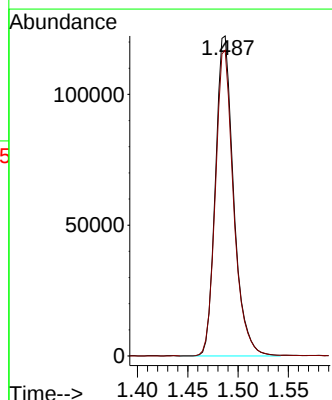
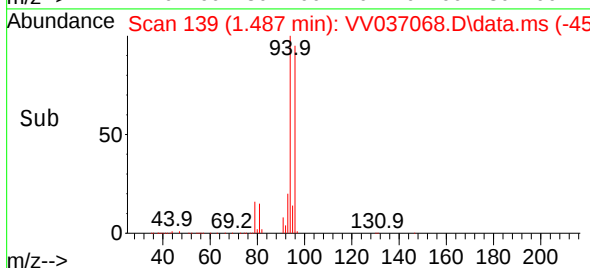
Tgt Ion: 62 Resp: 293124
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.8 42.4

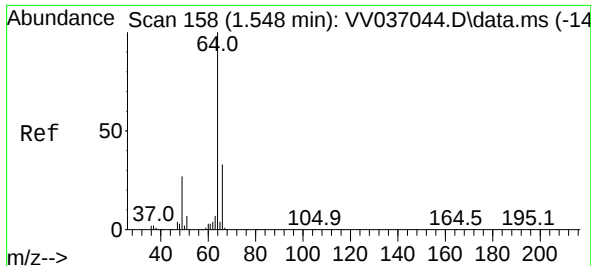


#6
 Bromomethane
 Concen: 49.086 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.003 min
 Lab File: VV037068.D
 Acq: 27 Aug 2024 08:10



Tgt Ion: 94 Resp: 154473
 Ion Ratio Lower Upper
 94 100
 96 95.6 65.6 121.8

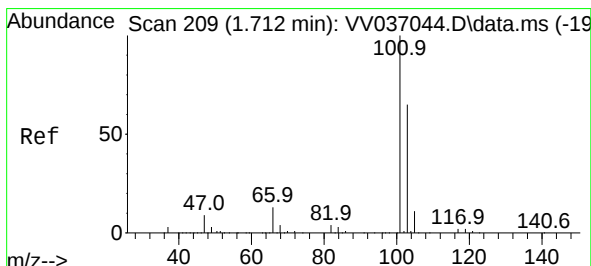
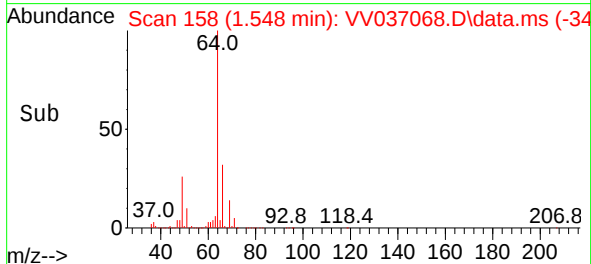
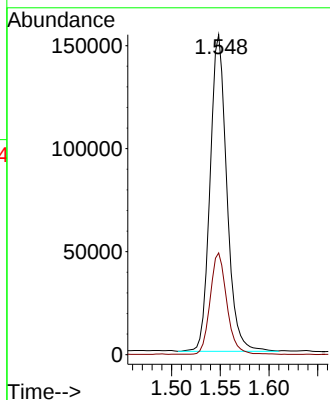
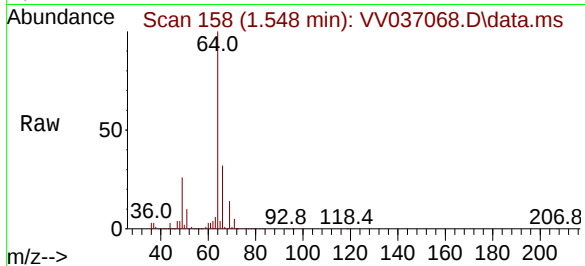




#8
Chloroethane
Concen: 53.539 ug/L
RT: 1.548 min Scan# 158
Delta R.T. -0.000 min
Lab File: VV037068.D
Acq: 27 Aug 2024 08:10

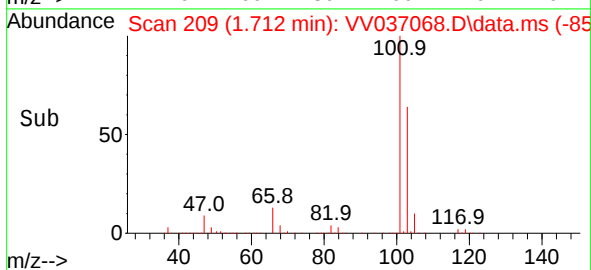
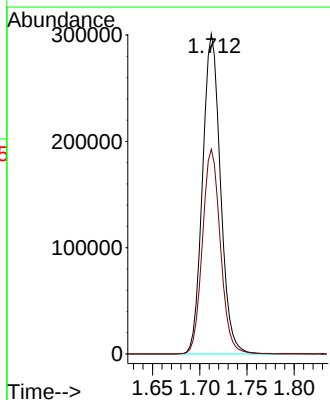
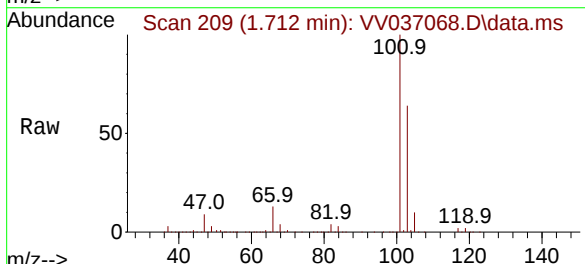
Instrument :
MSVOA_V
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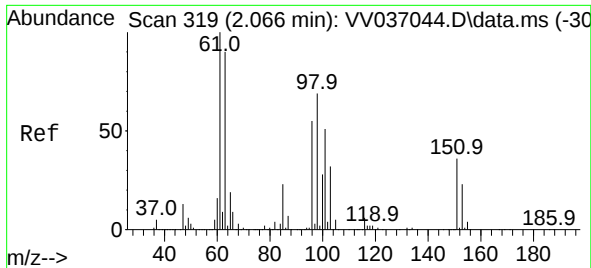
Tgt Ion: 64 Resp: 183920
Ion Ratio Lower Upper
64 100
66 31.8 22.8 42.4



#9
Trichlorofluoromethane
Concen: 54.160 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV037068.D
Acq: 27 Aug 2024 08:10

Tgt Ion:101 Resp: 396950
Ion Ratio Lower Upper
101 100
103 64.1 51.7 77.5

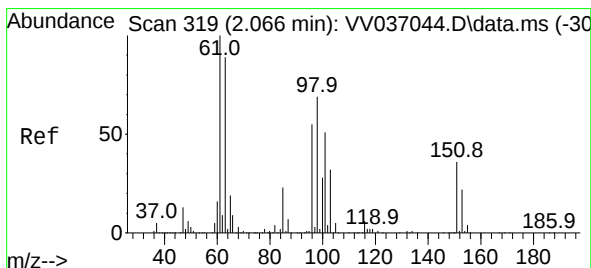
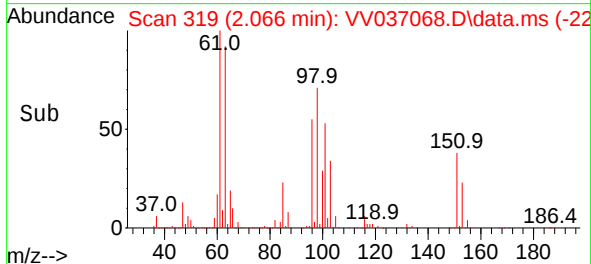
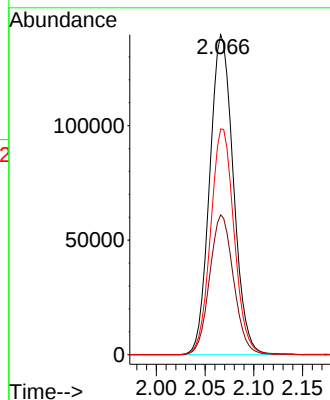
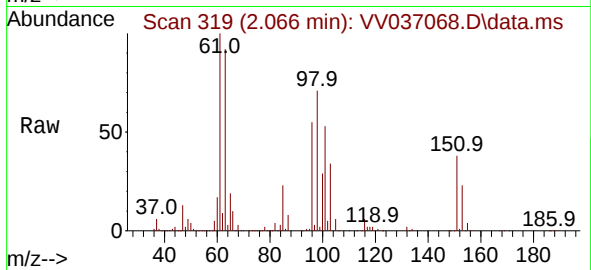




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 54.106 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: VV037068.D
 Acq: 27 Aug 2024 08:10

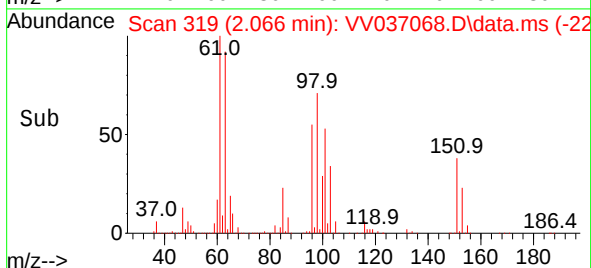
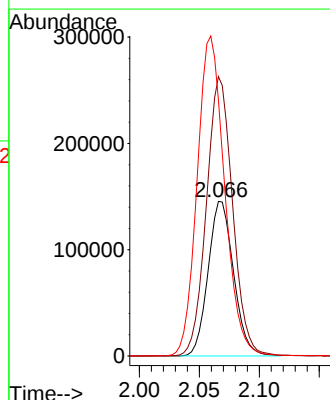
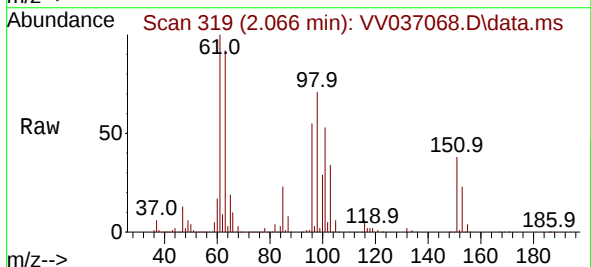
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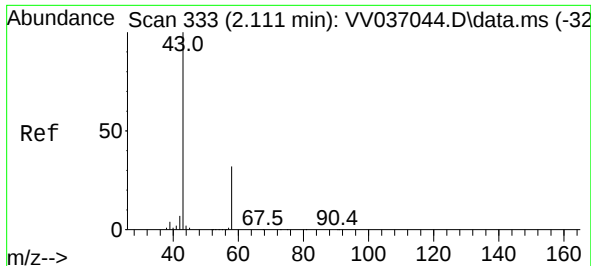
Tgt Ion:101 Resp: 235862
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.6 53.4
 151 70.2 55.0 82.4



#12
 1,1-Dichloroethene
 Concen: 52.298 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: VV037068.D
 Acq: 27 Aug 2024 08:10

Tgt Ion: 96 Resp: 214787
 Ion Ratio Lower Upper
 96 100
 61 180.8 123.8 229.8
 63 165.6 96.5 179.1





#13

Acetone

Concen: 89.455 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV037068.D

Acq: 27 Aug 2024 08:10

Instrument :

MSVOA_V

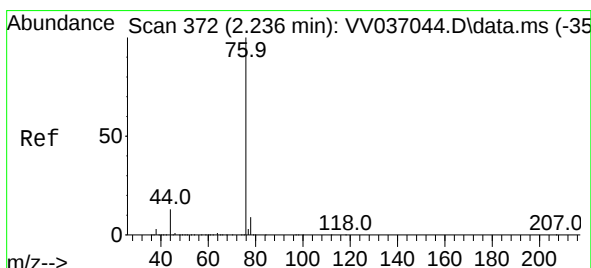
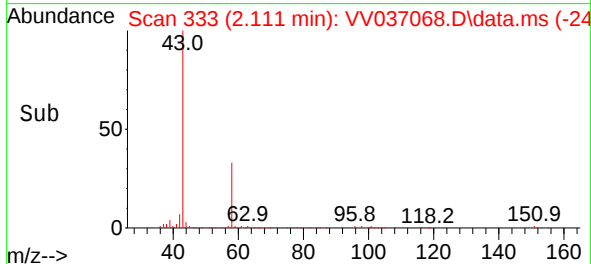
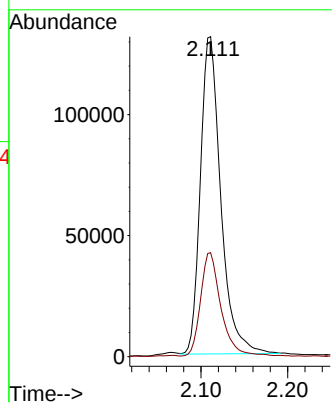
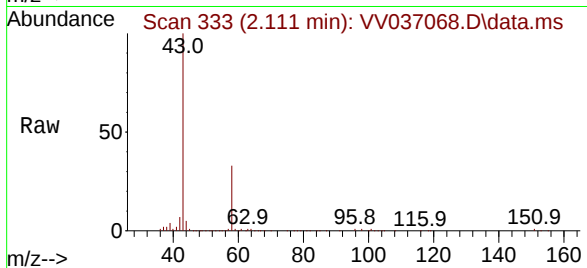
ClientSampleId :

Tgt Ion: 43 Resp: 213942

Ion Ratio Lower Upper

43 100

58 32.2 0.0 64.8



#14

Carbon disulfide

Concen: 51.465 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.000 min

Lab File: VV037068.D

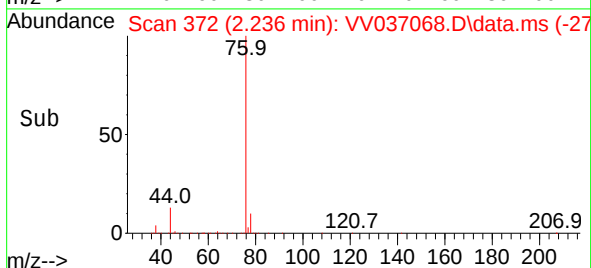
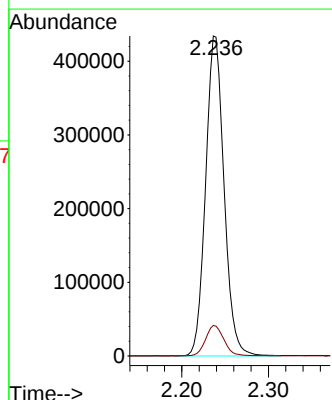
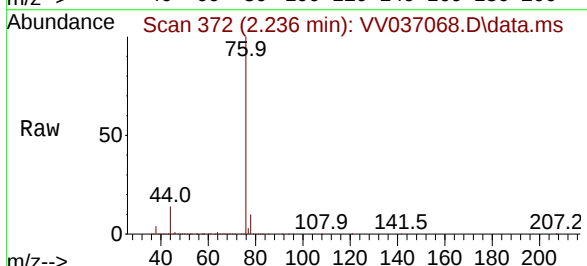
Acq: 27 Aug 2024 08:10

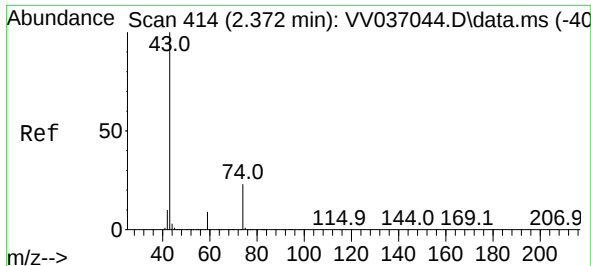
Tgt Ion: 76 Resp: 641666

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3





#15

Methyl Acetate

Concen: 51.073 ug/L

RT: 2.368 min Scan# 414

Delta R.T. -0.003 min

Lab File: VV037068.D

Acq: 27 Aug 2024 08:10

Instrument :

MSVOA_V

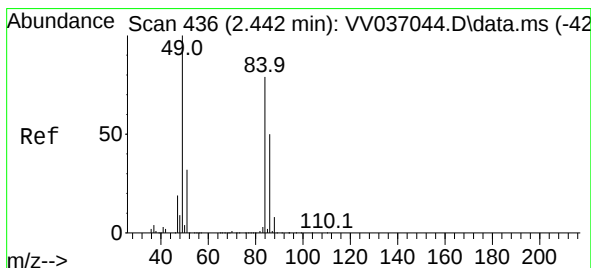
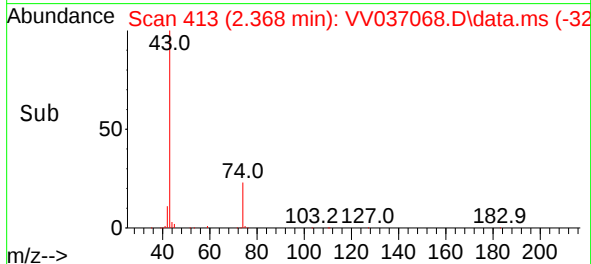
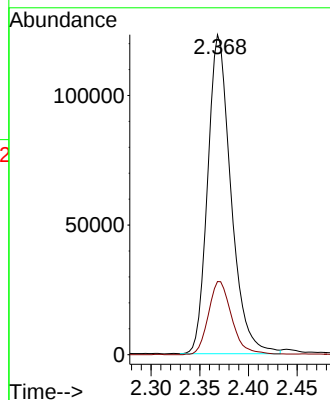
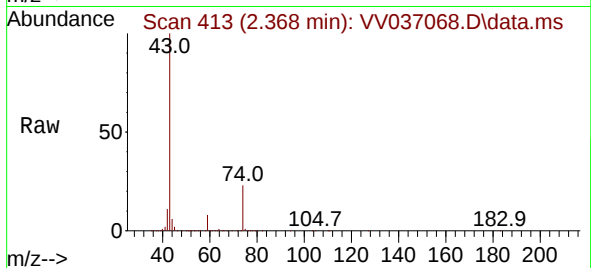
ClientSampleId :

Tgt Ion: 43 Resp: 204780

Ion Ratio Lower Upper

43 100

74 23.1 18.4 27.6



#16

Methylene chloride

Concen: 52.926 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV037068.D

Acq: 27 Aug 2024 08:10

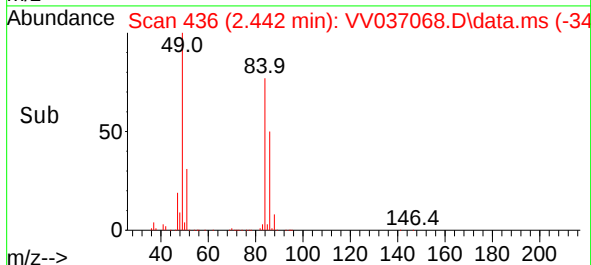
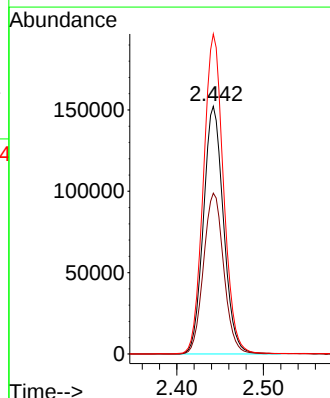
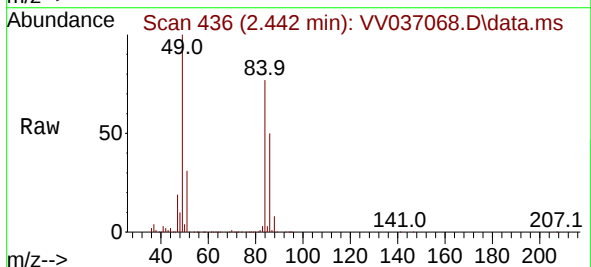
Tgt Ion: 84 Resp: 245248

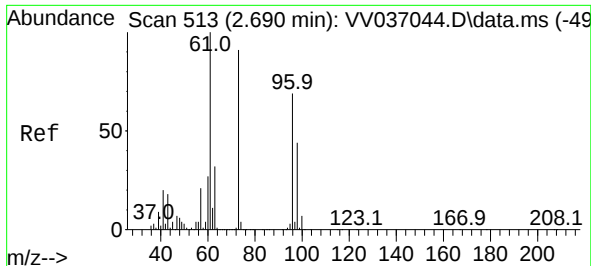
Ion Ratio Lower Upper

84 100

86 64.9 44.7 82.9

49 129.2 91.4 169.8





#17

trans-1,2-Dichloroethene

Concen: 53.135 ug/L

RT: 2.686 min Scan# 512

Delta R.T. -0.003 min

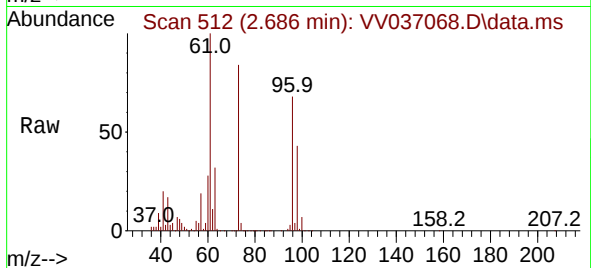
Lab File: VV037068.D

Acq: 27 Aug 2024 08:10

Instrument :

MSVOA_V

ClientSampleId :



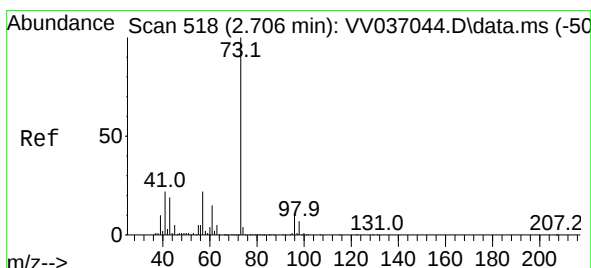
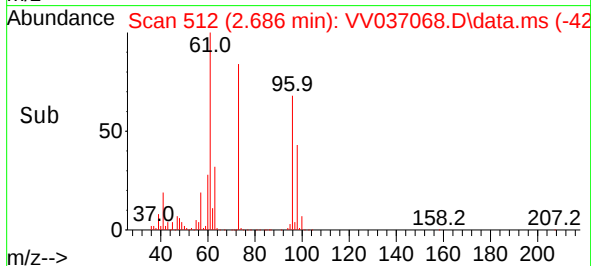
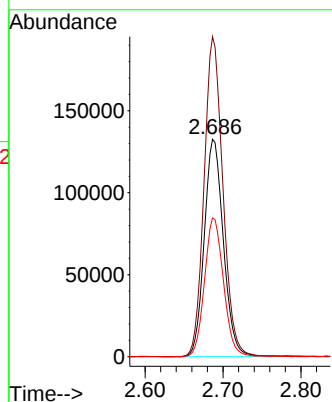
Tgt Ion: 96 Resp: 226544

Ion Ratio Lower Upper

96 100

61 147.1 102.3 189.9

98 63.8 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 52.433 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.003 min

Lab File: VV037068.D

Acq: 27 Aug 2024 08:10

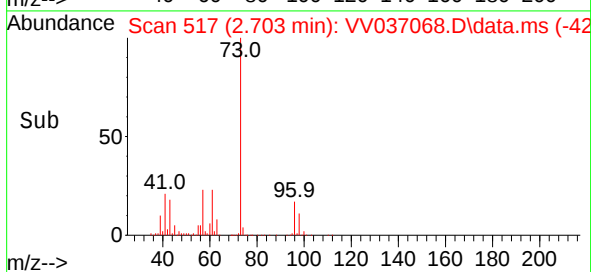
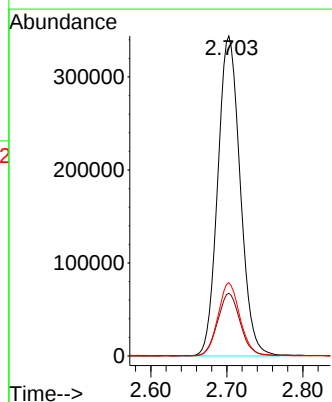
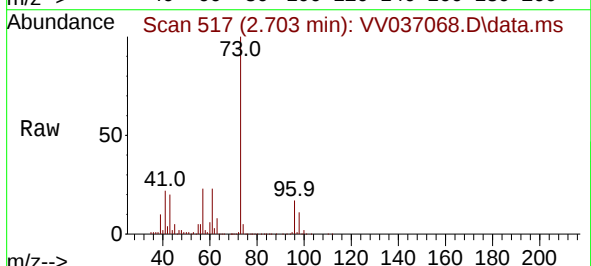
Tgt Ion: 73 Resp: 703222

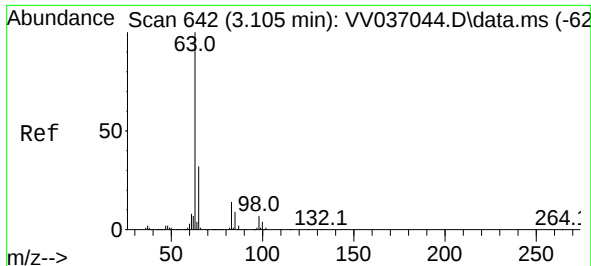
Ion Ratio Lower Upper

73 100

43 19.5 15.8 23.6

57 22.5 18.1 27.1





#19

1,1-Dichloroethane

Concen: 53.581 ug/L

RT: 3.104 min Scan# 64

Delta R.T. -0.000 min

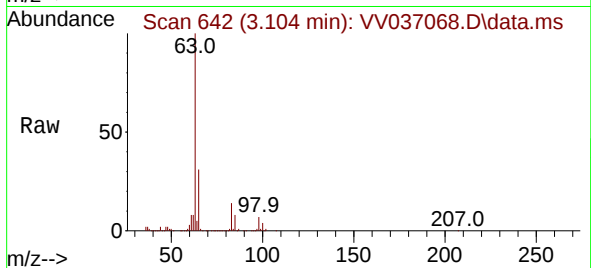
Lab File: VV037068.D

Acq: 27 Aug 2024 08:10

Instrument :

MSVOA_V

ClientSampleId :



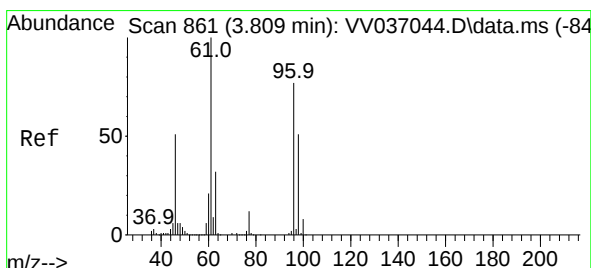
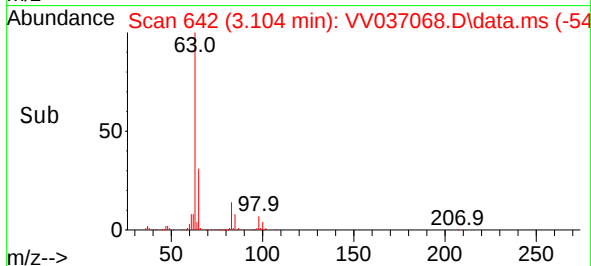
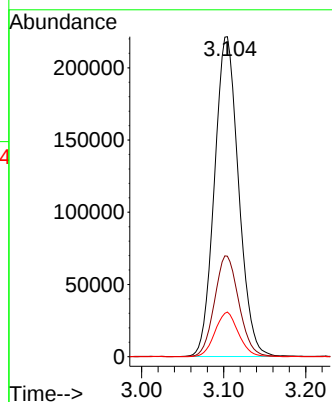
Tgt Ion: 63 Resp: 453678

Ion Ratio Lower Upper

63 100

65 31.4 22.0 41.0

83 13.9 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 52.105 ug/L

RT: 3.805 min Scan# 860

Delta R.T. -0.003 min

Lab File: VV037068.D

Acq: 27 Aug 2024 08:10

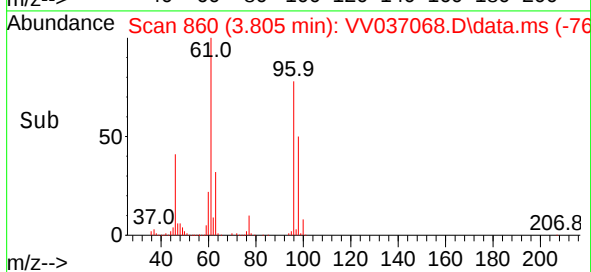
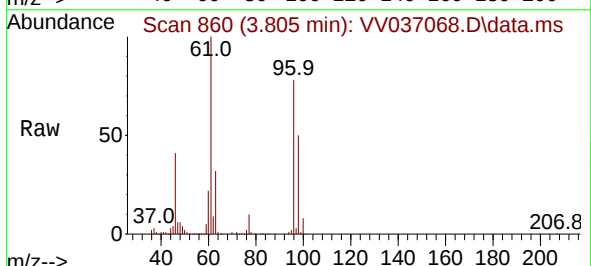
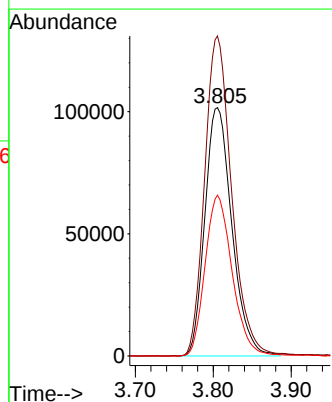
Tgt Ion: 96 Resp: 245479

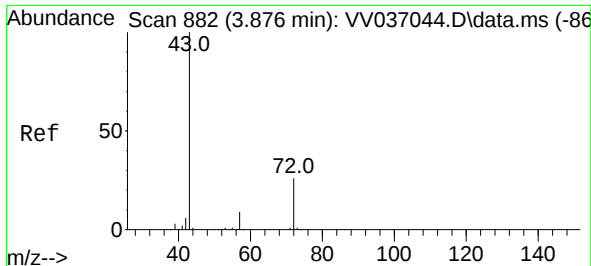
Ion Ratio Lower Upper

96 100

61 128.9 89.9 166.9

98 64.8 44.8 83.2





#22

2-Butanone

Concen: 92.634 ug/L

RT: 3.870 min Scan# 882

Delta R.T. -0.007 min

Lab File: VV037068.D

Acq: 27 Aug 2024 08:10

Instrument :

MSVOA_V

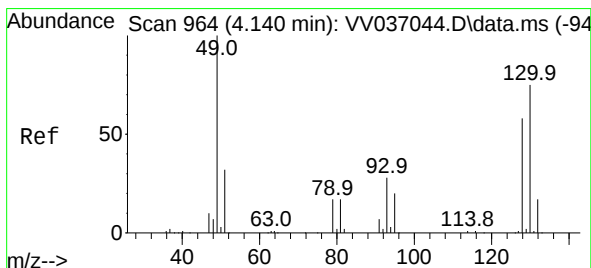
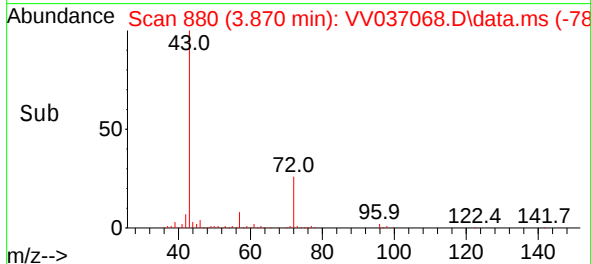
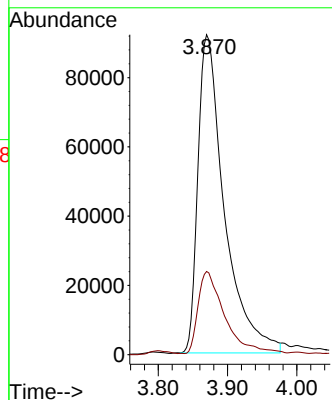
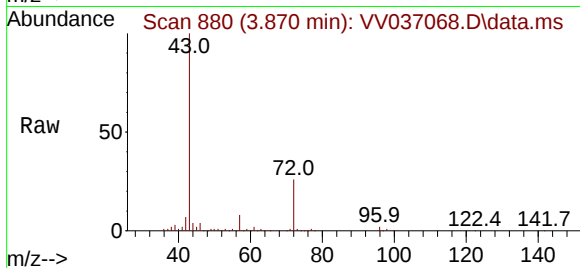
ClientSampleId :

Tgt Ion: 43 Resp: 243922

Ion Ratio Lower Upper

43 100

72 26.3 12.7 38.0



#23

Bromochloromethane

Concen: 53.064 ug/L

RT: 4.137 min Scan# 963

Delta R.T. -0.003 min

Lab File: VV037068.D

Acq: 27 Aug 2024 08:10

Tgt Ion:128 Resp: 122719

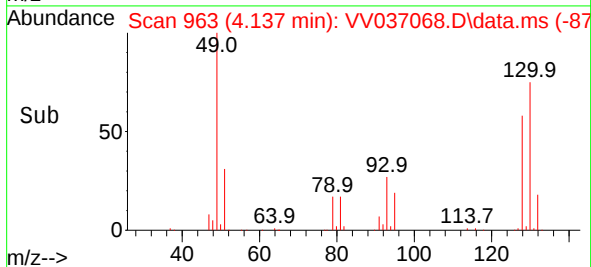
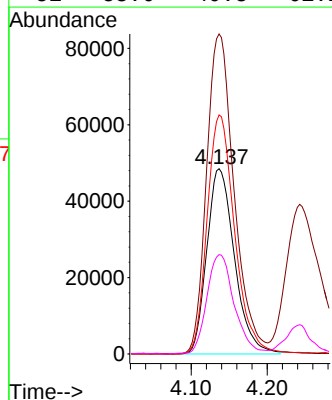
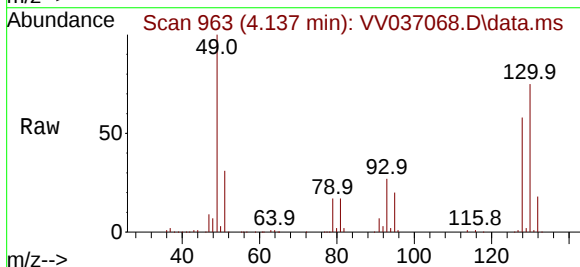
Ion Ratio Lower Upper

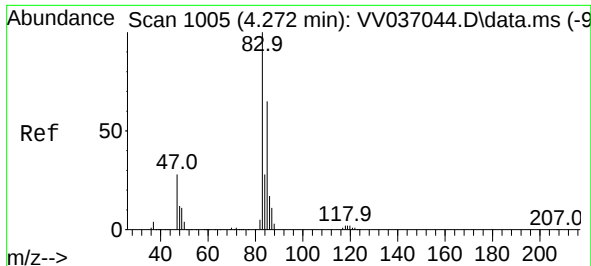
128 100

49 172.6 117.2 217.6

130 129.0 87.6 162.8

51 53.6 40.8 61.2





#25

Chloroform

Concen: 50.541 ug/L

RT: 4.268 min Scan# 1004

Delta R.T. -0.003 min

Lab File: VV037068.D

Acq: 27 Aug 2024 08:10

Instrument :

MSVOA_V

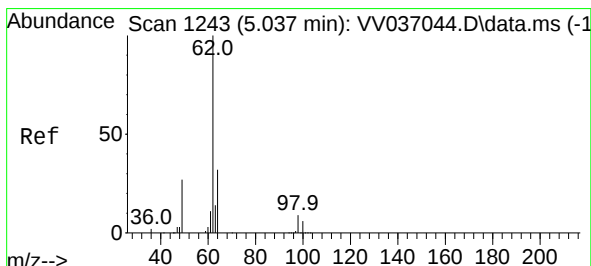
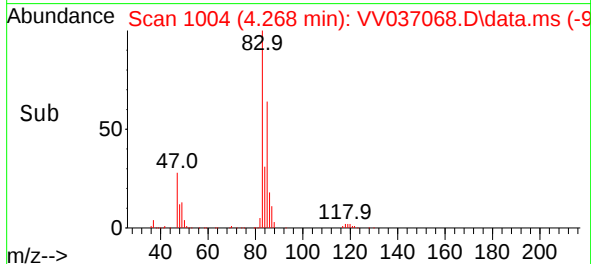
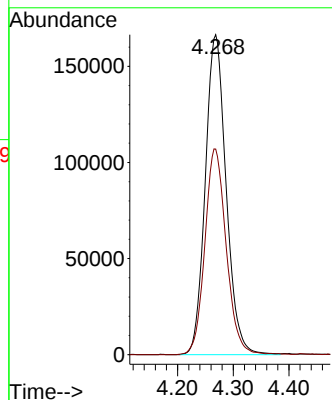
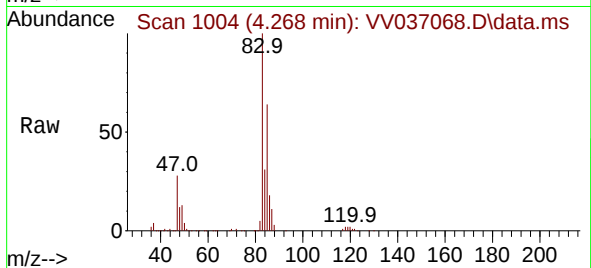
ClientSampleId :

Tgt Ion: 83 Resp: 433389

Ion Ratio Lower Upper

83 100

85 64.3 45.1 83.7



#27

1,2-Dichloroethane

Concen: 53.332 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VV037068.D

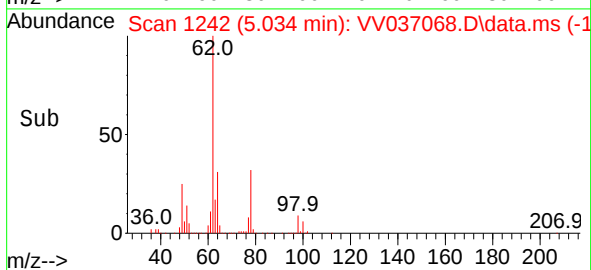
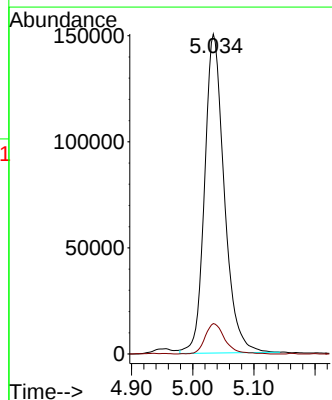
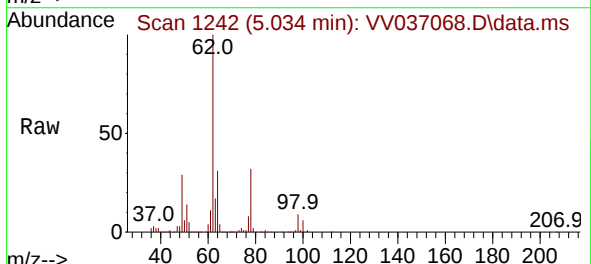
Acq: 27 Aug 2024 08:10

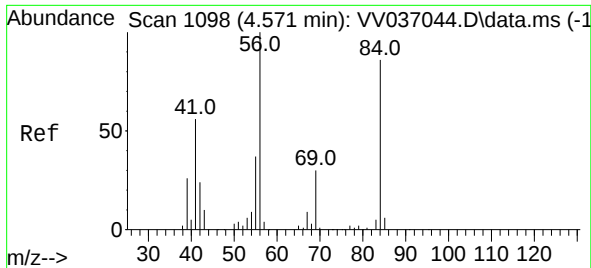
Tgt Ion: 62 Resp: 335465

Ion Ratio Lower Upper

62 100

98 9.5 8.0 12.0





#29

Cyclohexane

Concen: 51.867 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. -0.000 min

Lab File: VV037068.D

Acq: 27 Aug 2024 08:10

Instrument :

MSVOA_V

ClientSampleId :

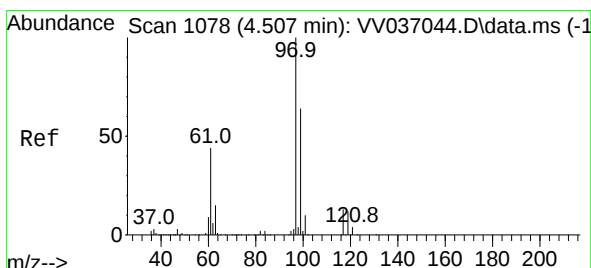
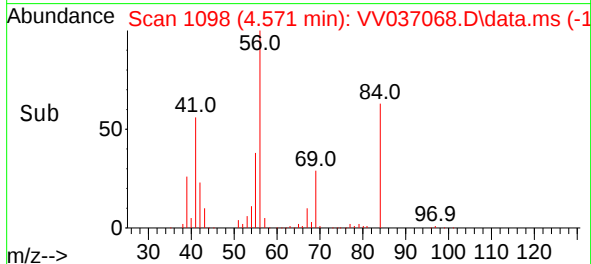
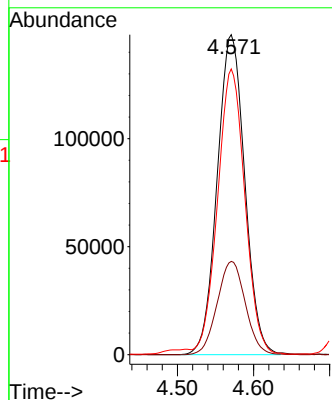
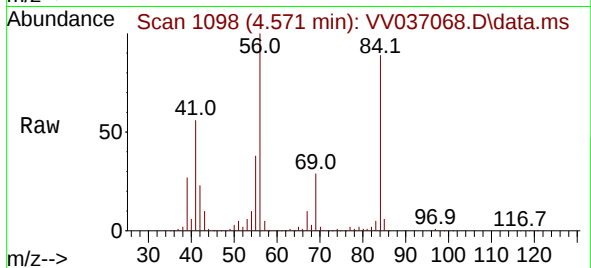
Tgt Ion: 56 Resp: 372858

Ion Ratio Lower Upper

56 100

69 29.8 24.2 36.4

84 88.1 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 51.924 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.003 min

Lab File: VV037068.D

Acq: 27 Aug 2024 08:10

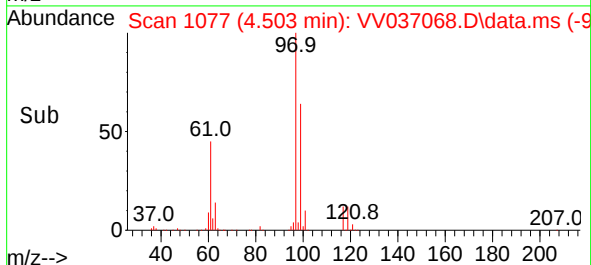
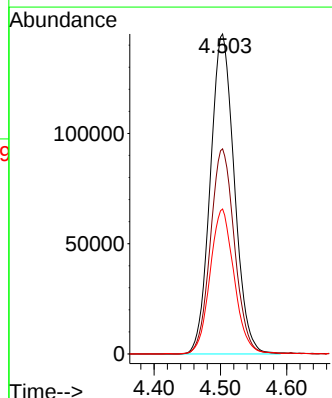
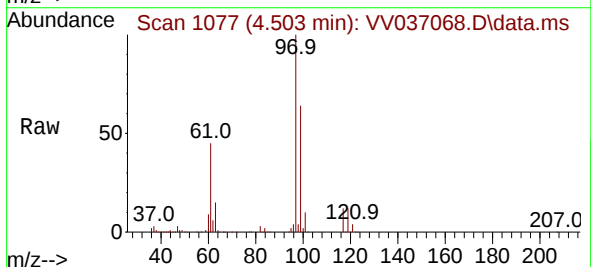
Tgt Ion: 97 Resp: 365280

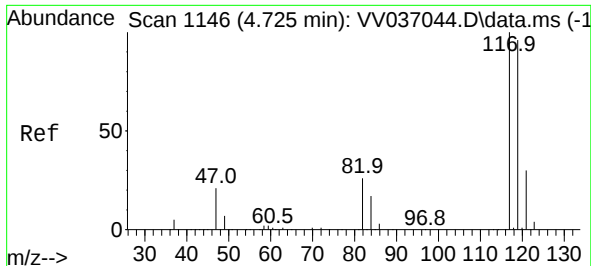
Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

61 45.4 35.8 53.6

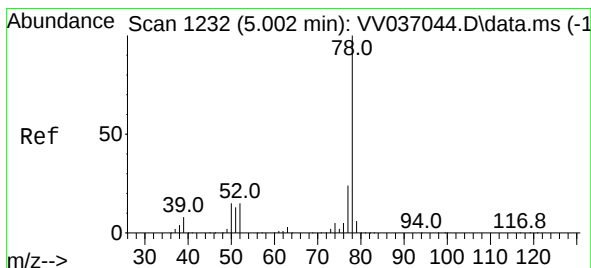
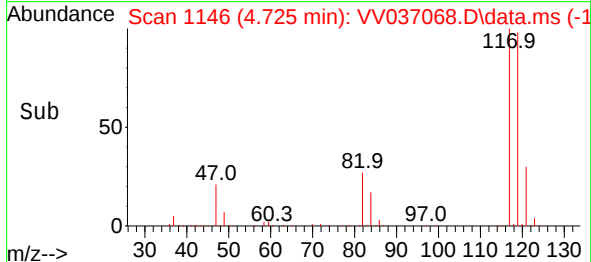
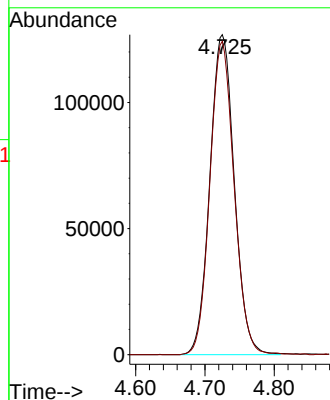
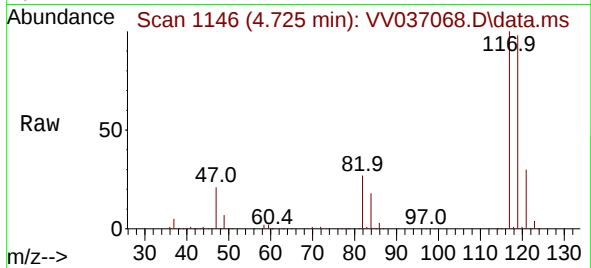




#31
Carbon tetrachloride
Concen: 52.443 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VV037068.D
Acq: 27 Aug 2024 08:10

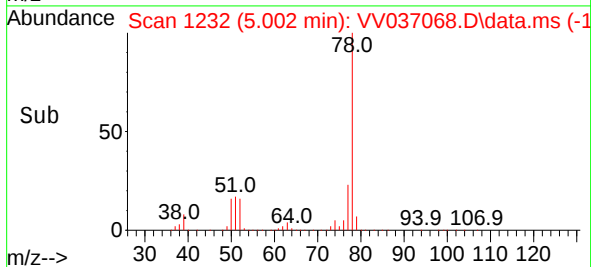
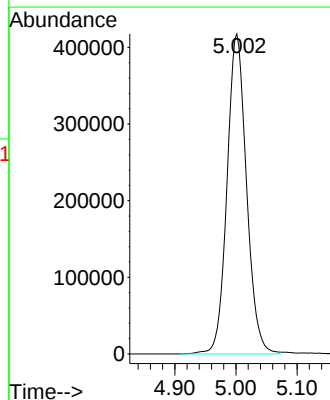
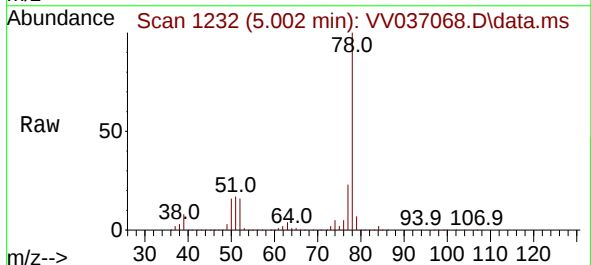
Instrument :
MSVOA_V
ClientSampleId :

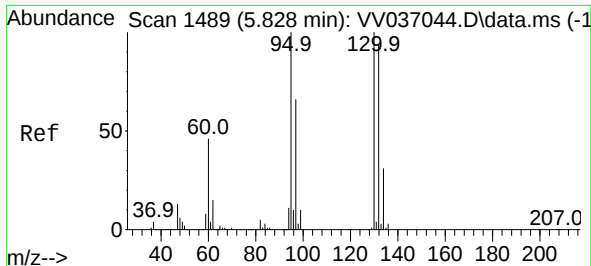
Tgt Ion:117 Resp: 311309
Ion Ratio Lower Upper
117 100
119 96.3 75.8 113.6



#33
Benzene
Concen: 52.407 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VV037068.D
Acq: 27 Aug 2024 08:10

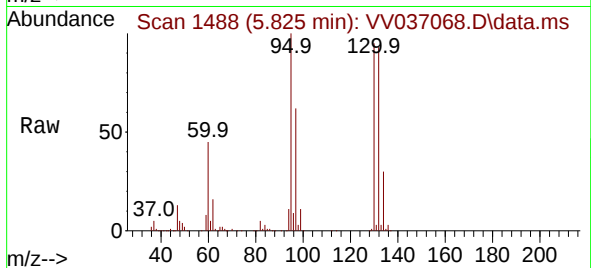
Tgt Ion: 78 Resp: 924701



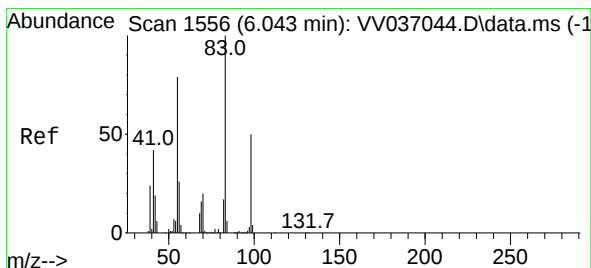
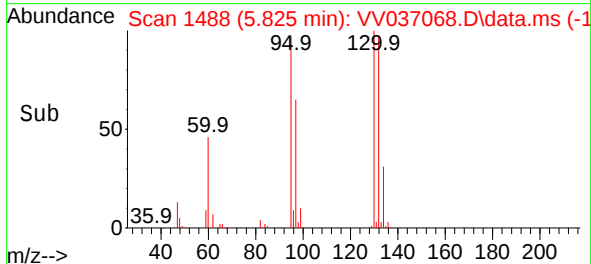
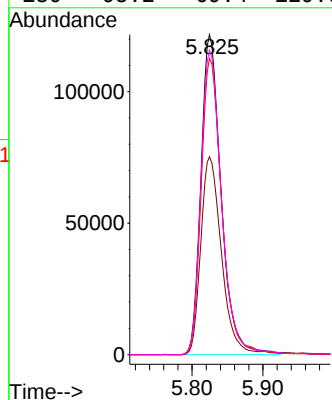


#34
Trichloroethene
Concen: 51.845 ug/L
RT: 5.825 min Scan# 1489
Delta R.T. -0.003 min
Lab File: VV037068.D
Acq: 27 Aug 2024 08:10

Instrument :
MSVOA_V
ClientSampleId :

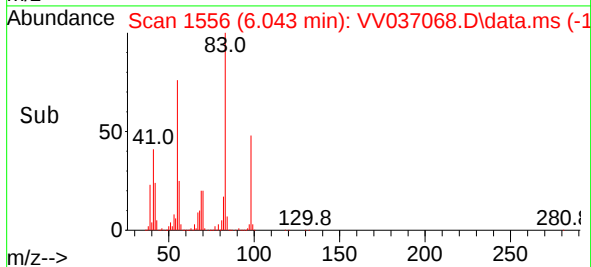
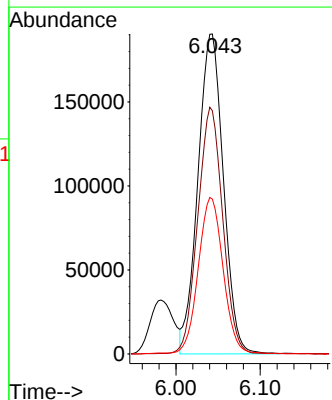
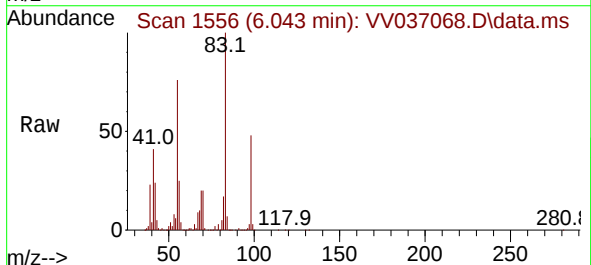


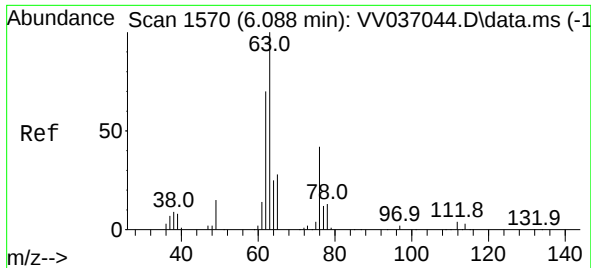
Tgt Ion: 95 Resp: 241449
Ion Ratio Lower Upper
95 100
97 61.9 44.4 82.5
132 92.6 64.9 120.5
130 95.2 69.4 129.0



#35
Methylcyclohexane
Concen: 52.922 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VV037068.D
Acq: 27 Aug 2024 08:10

Tgt Ion: 83 Resp: 400440
Ion Ratio Lower Upper
83 100
55 75.6 61.2 91.8
98 47.5 39.3 58.9

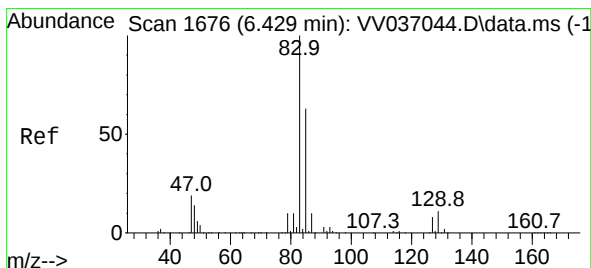
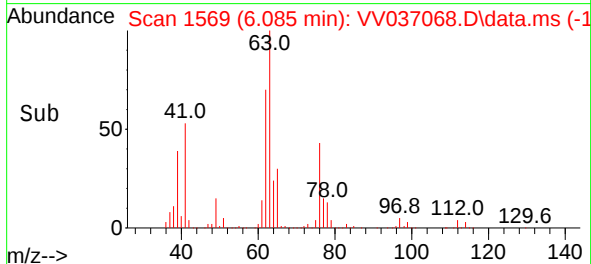
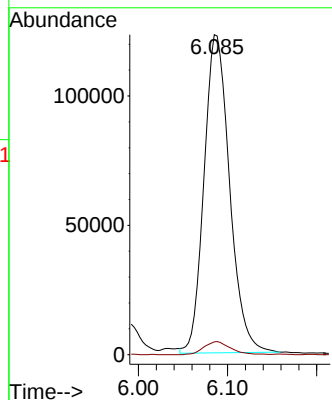
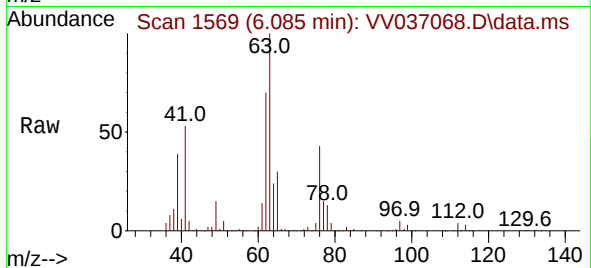




#37
1,2-Dichloropropane
Concen: 51.928 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.003 min
Lab File: VV037068.D
Acq: 27 Aug 2024 08:10

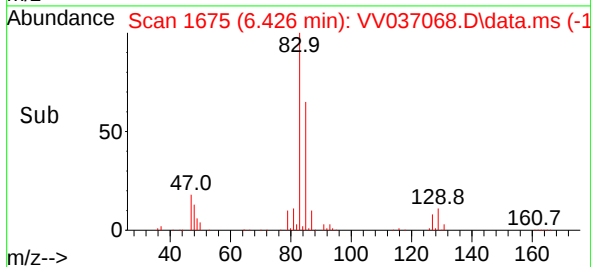
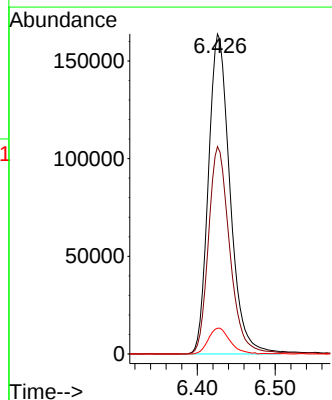
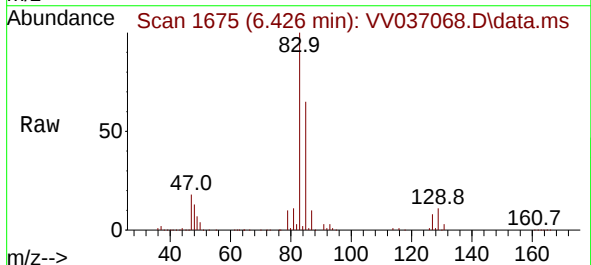
Instrument :
MSVOA_V
ClientSampleId :

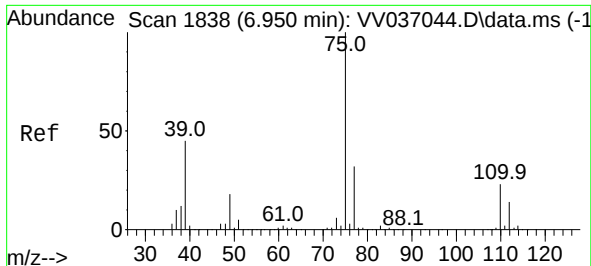
Tgt Ion: 63 Resp: 245634
Ion Ratio Lower Upper
63 100
112 4.3 3.5 5.3



#38
Bromodichloromethane
Concen: 51.991 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.003 min
Lab File: VV037068.D
Acq: 27 Aug 2024 08:10

Tgt Ion: 83 Resp: 315209
Ion Ratio Lower Upper
83 100
85 64.8 44.5 82.7
127 8.1 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 52.029 ug/L

RT: 6.947 min Scan# 1837

Delta R.T. -0.003 min

Lab File: VV037068.D

Acq: 27 Aug 2024 08:10

Instrument :

MSVOA_V

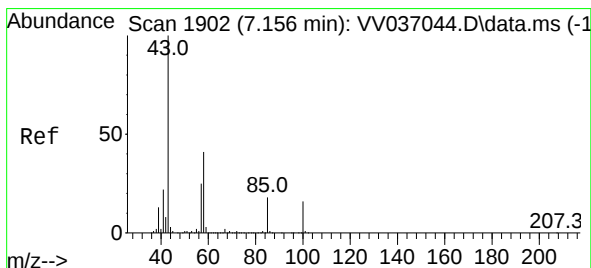
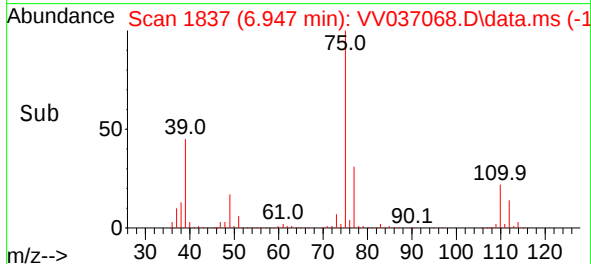
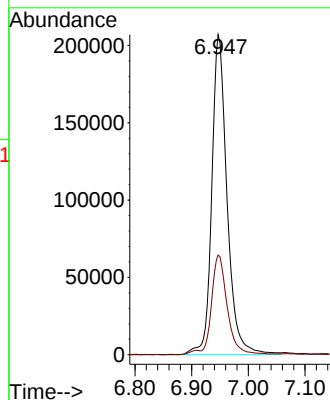
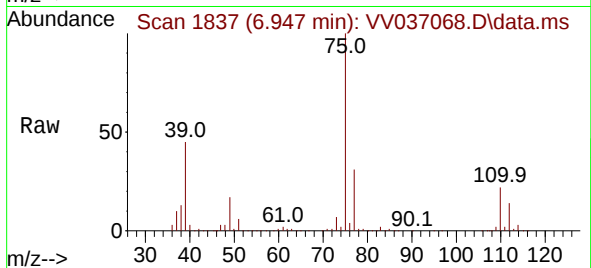
ClientSampleId :

Tgt Ion: 75 Resp: 388386

Ion Ratio Lower Upper

75 100

77 31.1 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 98.271 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VV037068.D

Acq: 27 Aug 2024 08:10

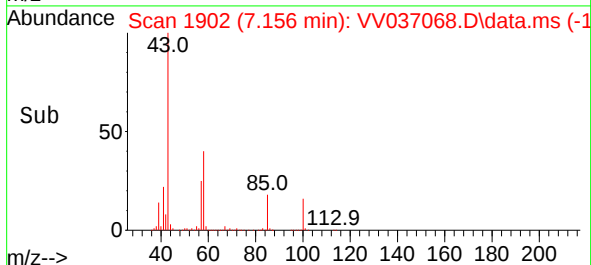
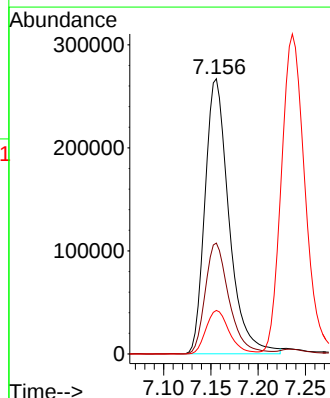
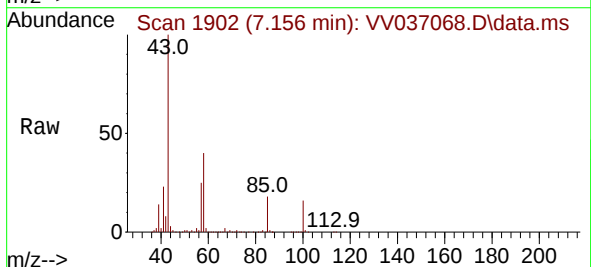
Tgt Ion: 43 Resp: 472589

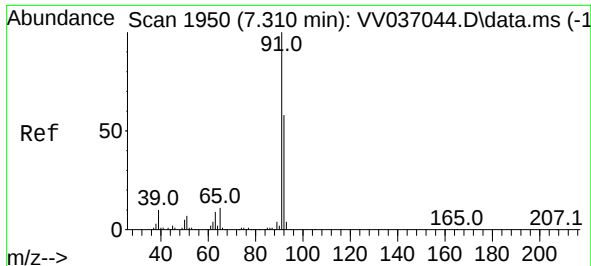
Ion Ratio Lower Upper

43 100

58 40.0 32.0 48.0

100 15.4 12.4 18.6





#42

Toluene

Concen: 53.251 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VV037068.D

Acq: 27 Aug 2024 08:10

Instrument :

MSVOA_V

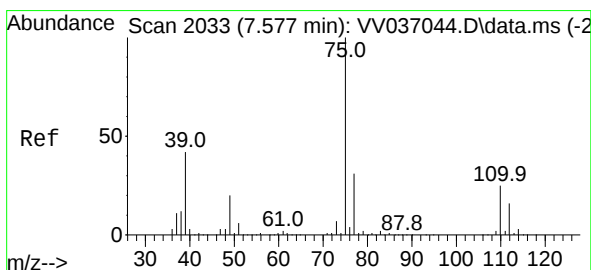
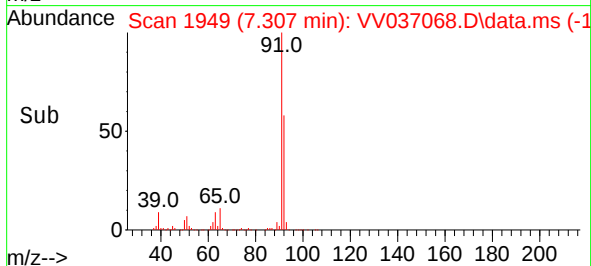
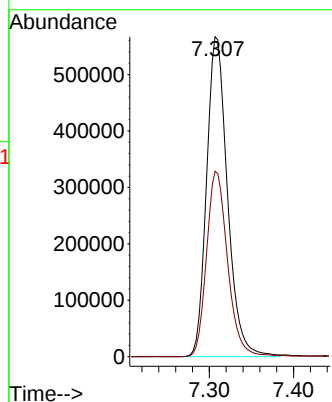
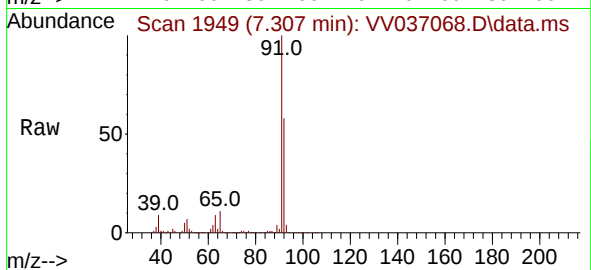
ClientSampleId :

Tgt Ion: 91 Resp: 978279

Ion Ratio Lower Upper

91 100

92 57.9 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 51.986 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV037068.D

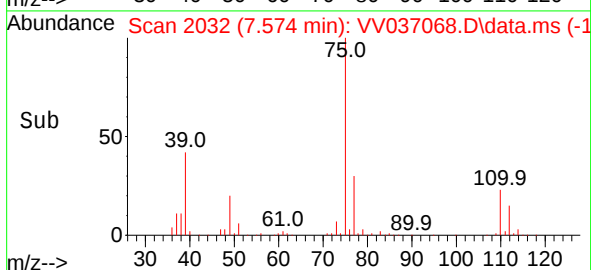
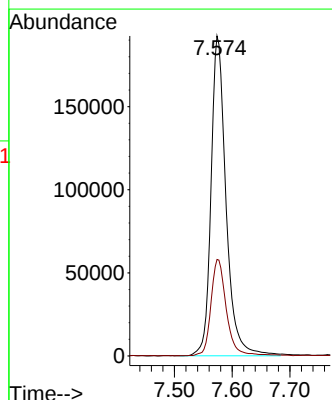
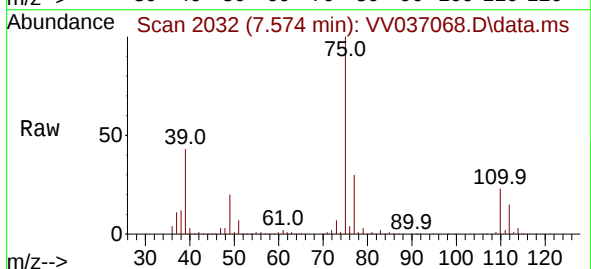
Acq: 27 Aug 2024 08:10

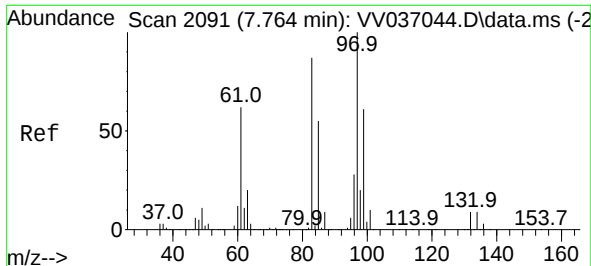
Tgt Ion: 75 Resp: 346867

Ion Ratio Lower Upper

75 100

77 30.2 22.0 40.8



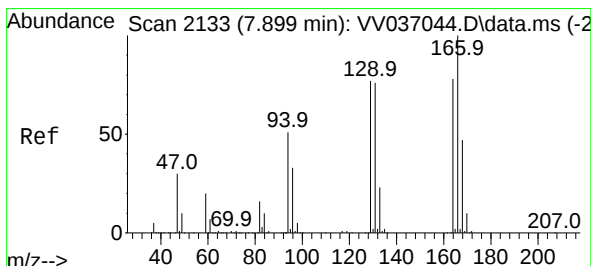
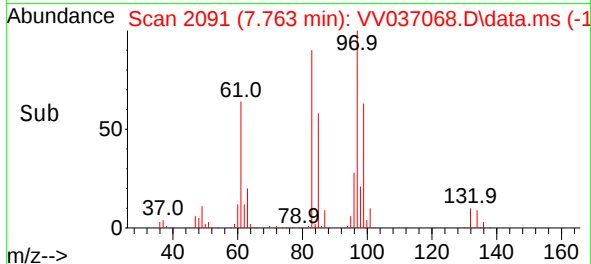
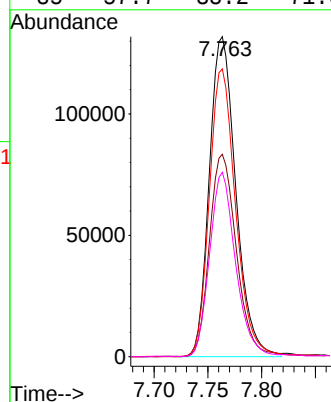
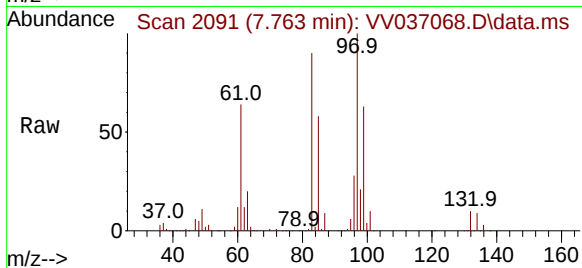


#45
1,1,2-Trichloroethane
Concen: 51.446 ug/L
RT: 7.763 min Scan# 2091
Delta R.T. -0.000 min
Lab File: VV037068.D
Acq: 27 Aug 2024 08:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 226538

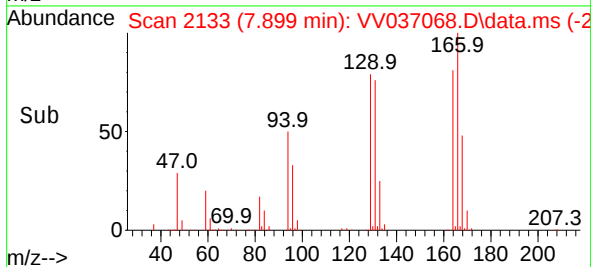
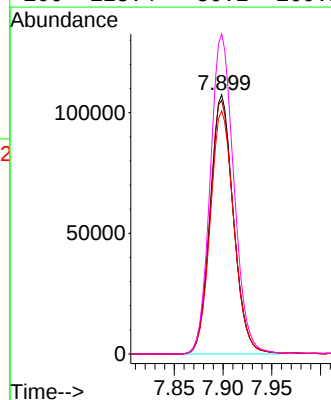
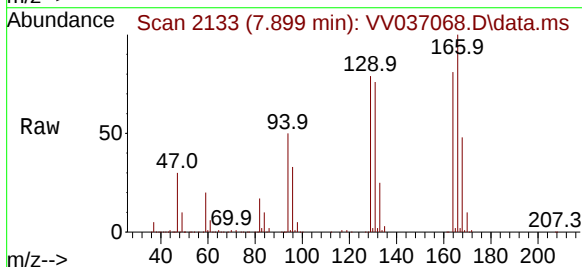
Ion	Ratio	Lower	Upper
97	100		
99	63.2	42.6	79.0
83	89.9	60.5	112.3
85	57.7	38.2	71.0

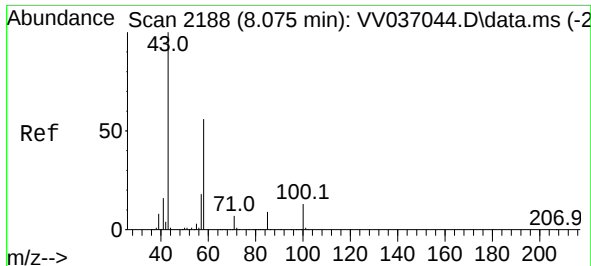


#46
Tetrachloroethene
Concen: 53.242 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.000 min
Lab File: VV037068.D
Acq: 27 Aug 2024 08:10

Tgt Ion: 164 Resp: 177908

Ion	Ratio	Lower	Upper
164	100		
129	97.8	67.1	124.7
131	93.8	67.0	124.4
166	123.4	86.2	160.2





#48

2-Hexanone

Concen: 94.723 ug/L

RT: 8.072 min Scan# 2188

Delta R.T. -0.003 min

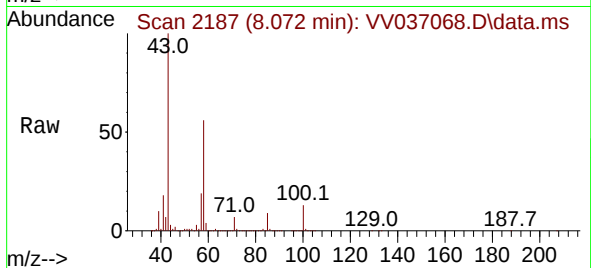
Lab File: VV037068.D

Acq: 27 Aug 2024 08:10

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 352297

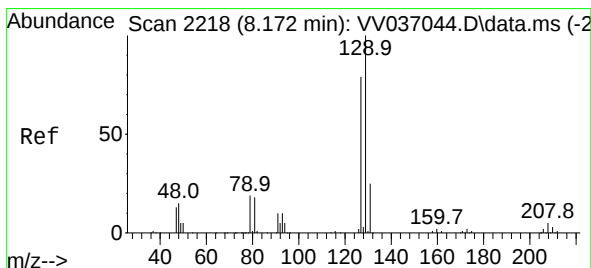
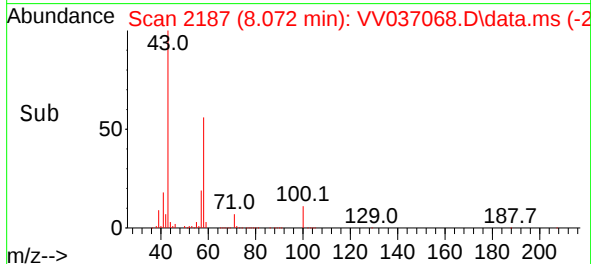
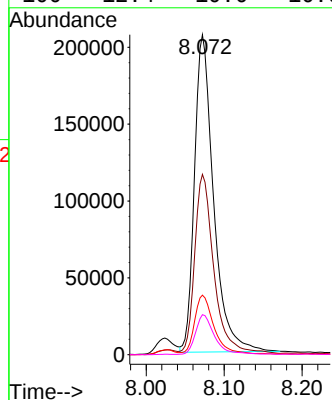
Ion Ratio Lower Upper

43 100

58 56.9 46.0 69.0

57 18.4 15.6 23.4

100 12.4 10.6 16.0



#49

Dibromochloromethane

Concen: 51.552 ug/L

RT: 8.169 min Scan# 2217

Delta R.T. -0.003 min

Lab File: VV037068.D

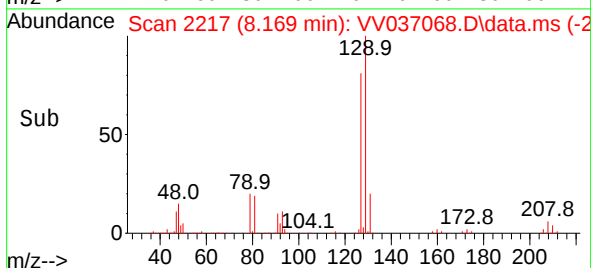
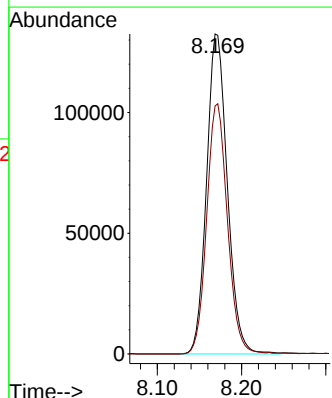
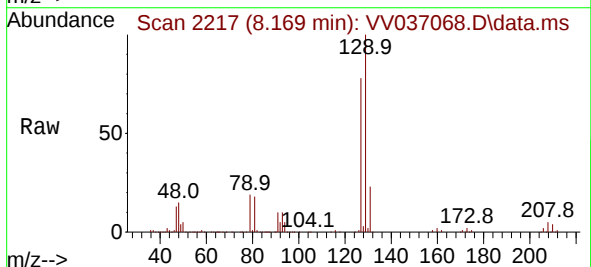
Acq: 27 Aug 2024 08:10

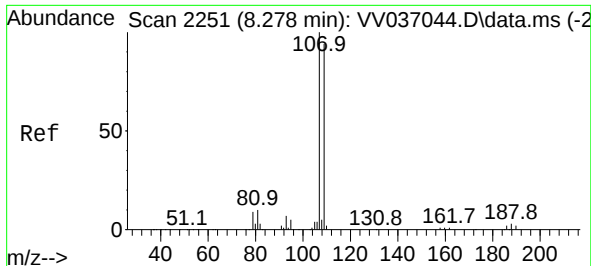
Tgt Ion: 129 Resp: 227303

Ion Ratio Lower Upper

129 100

127 77.5 54.7 101.7

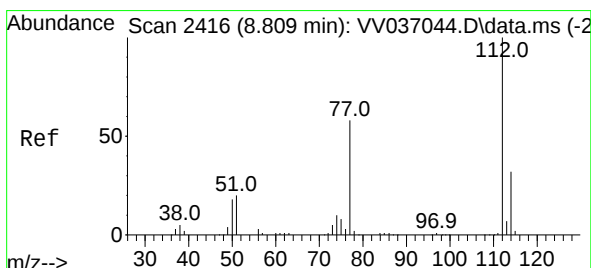
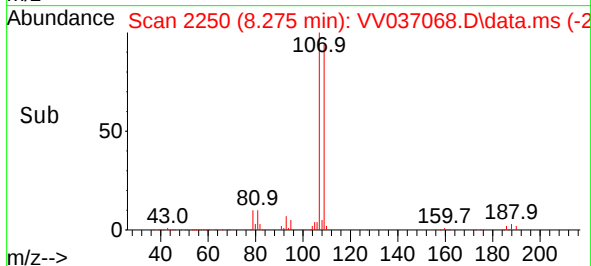
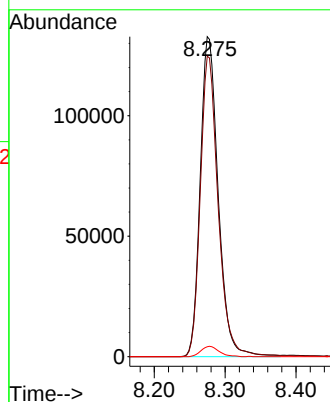
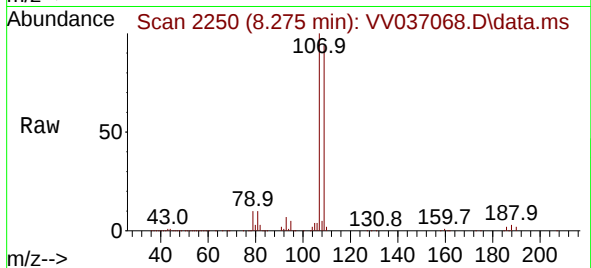




#50
1,2-Dibromoethane
Concen: 52.489 ug/L
RT: 8.275 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV037068.D
Acq: 27 Aug 2024 08:10

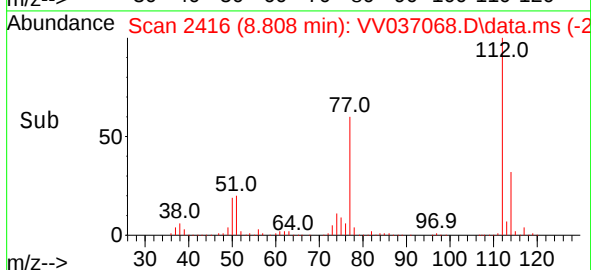
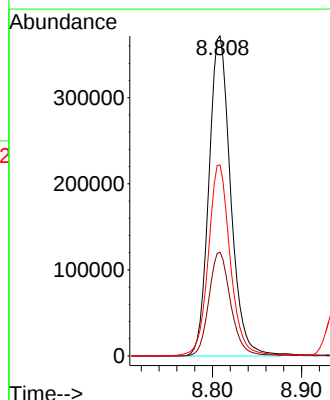
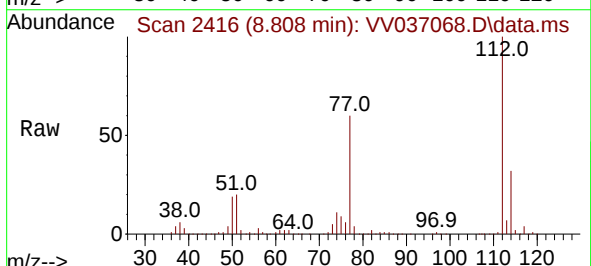
Instrument :
MSVOA_V
ClientSampleId :

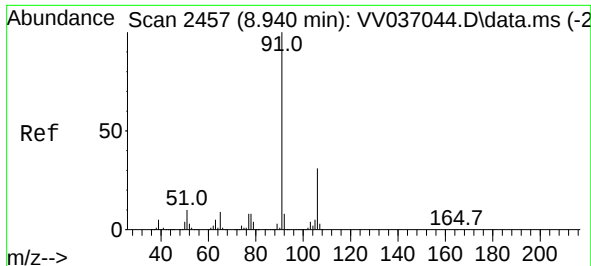
Tgt Ion:107 Resp: 233885
Ion Ratio Lower Upper
107 100
109 93.9 66.6 123.6
188 3.1 2.6 3.8



#51
Chlorobenzene
Concen: 51.750 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. -0.000 min
Lab File: VV037068.D
Acq: 27 Aug 2024 08:10

Tgt Ion:112 Resp: 629393
Ion Ratio Lower Upper
112 100
114 32.4 22.3 41.5
77 59.7 47.8 71.8





#52

Ethylbenzene

Concen: 53.506 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. -0.000 min

Lab File: VV037068.D

Acq: 27 Aug 2024 08:10

Instrument :

MSVOA_V

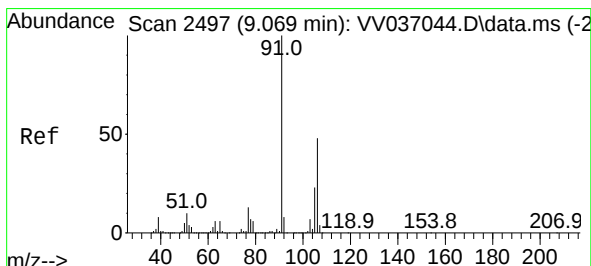
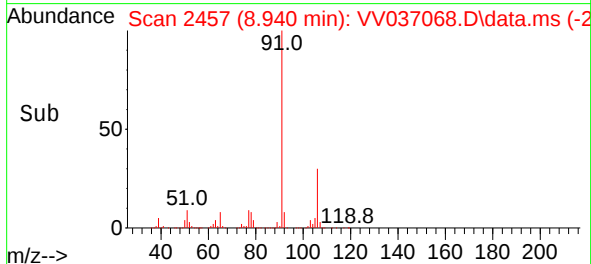
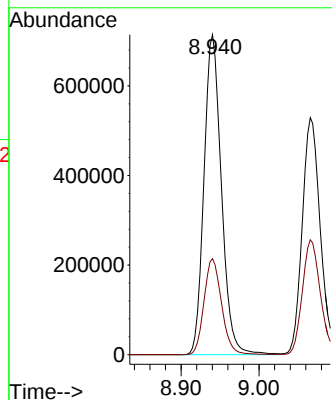
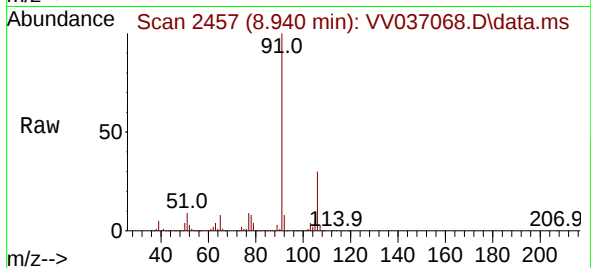
ClientSampleId :

Tgt Ion: 91 Resp: 1110298

Ion Ratio Lower Upper

91 100

106 30.0 21.4 39.8



#53

m,p-Xylene

Concen: 53.551 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. -0.003 min

Lab File: VV037068.D

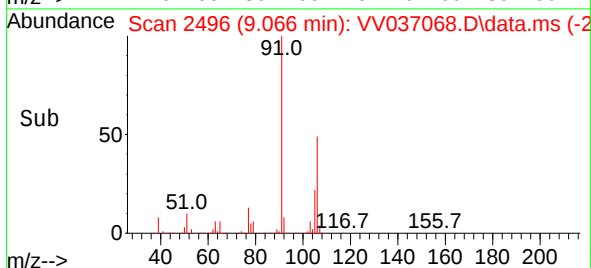
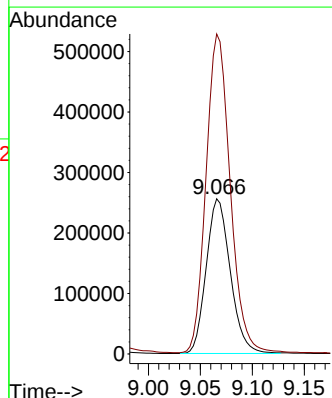
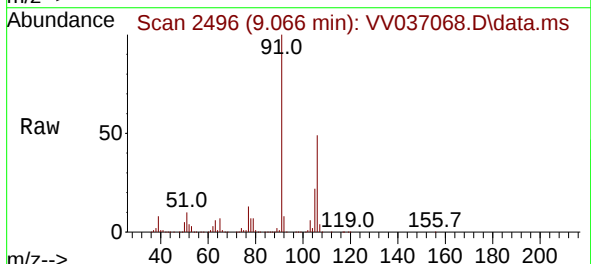
Acq: 27 Aug 2024 08:10

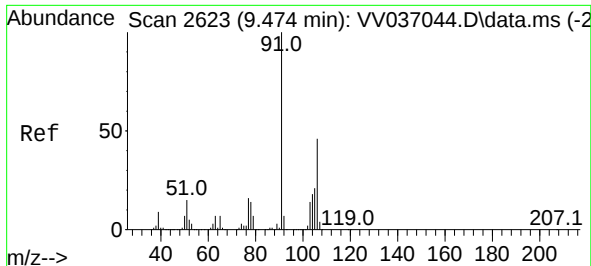
Tgt Ion:106 Resp: 411724

Ion Ratio Lower Upper

106 100

91 206.1 143.0 265.6





#54

o-Xylene

Concen: 53.308 ug/L

RT: 9.471 min Scan# 2

Delta R.T. -0.003 min

Lab File: VV037068.D

Acq: 27 Aug 2024 08:10

Instrument :

MSVOA_V

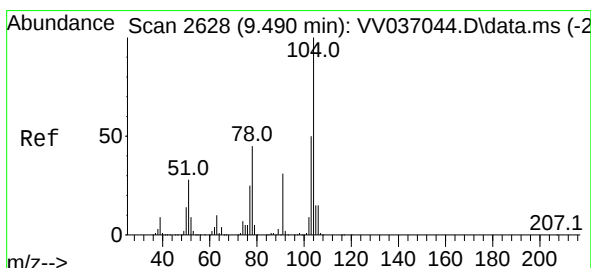
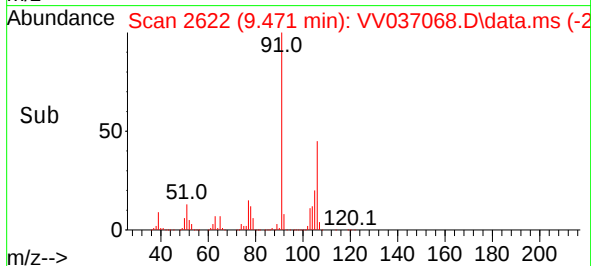
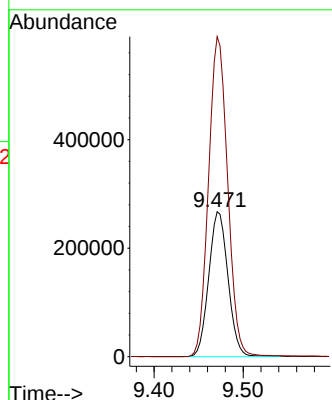
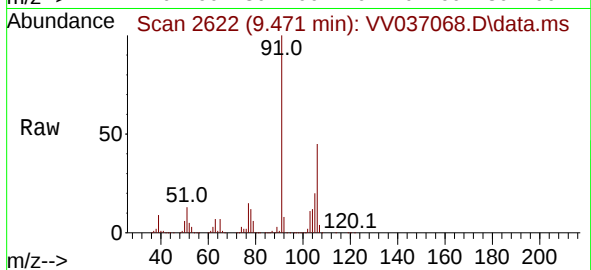
ClientSampleId :

Tgt Ion:106 Resp: 401295

Ion Ratio Lower Upper

106 100

91 220.6 153.2 284.6



#55

Styrene

Concen: 54.213 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. -0.000 min

Lab File: VV037068.D

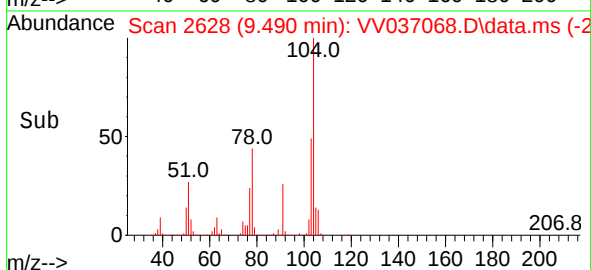
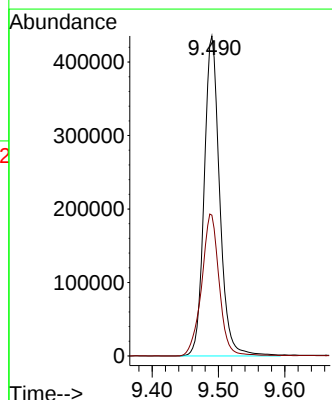
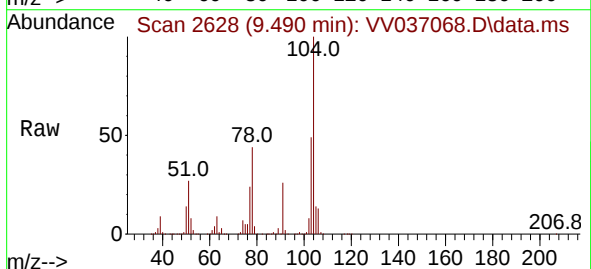
Acq: 27 Aug 2024 08:10

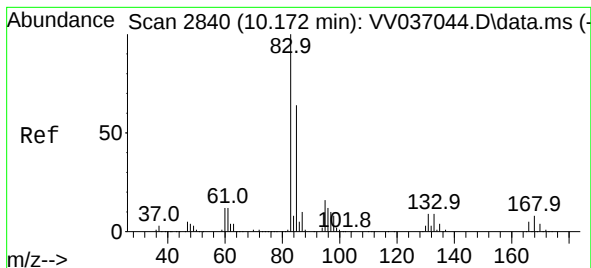
Tgt Ion:104 Resp: 708138

Ion Ratio Lower Upper

104 100

78 44.0 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 51.353 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. -0.000 min

Lab File: VV037068.D

Acq: 27 Aug 2024 08:10

Instrument :

MSVOA_V

ClientSampleId :

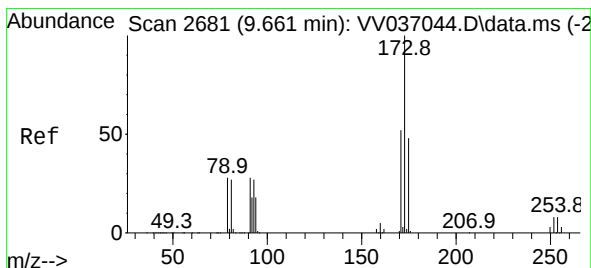
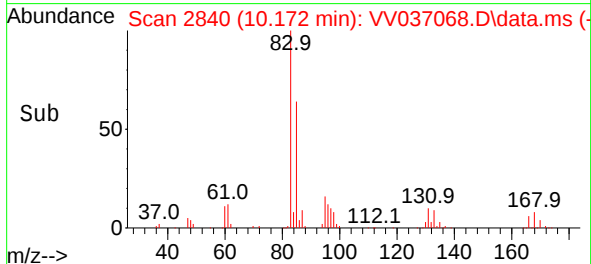
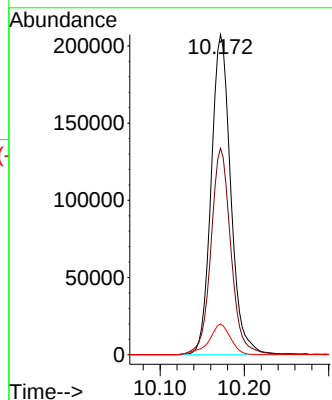
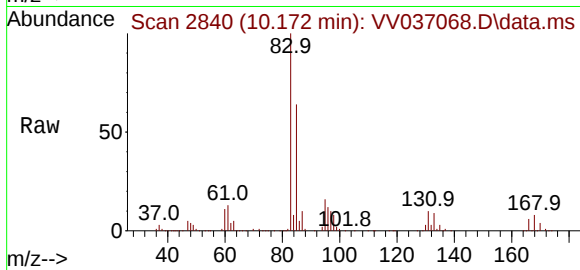
Tgt Ion: 83 Resp: 334908

Ion Ratio Lower Upper

83 100

85 64.5 45.1 83.7

131 9.6 7.4 11.0



#59

Bromoform

Concen: 50.153 ug/L

RT: 9.657 min Scan# 2680

Delta R.T. -0.003 min

Lab File: VV037068.D

Acq: 27 Aug 2024 08:10

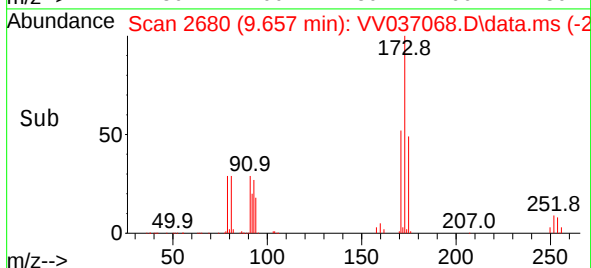
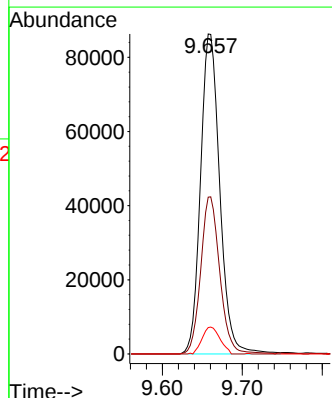
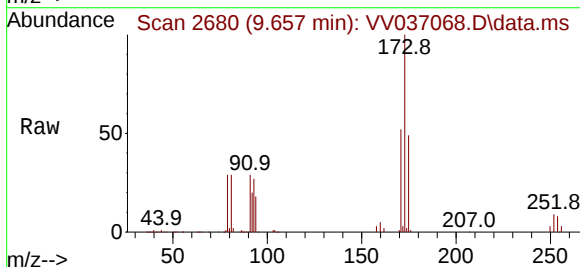
Tgt Ion: 173 Resp: 144836

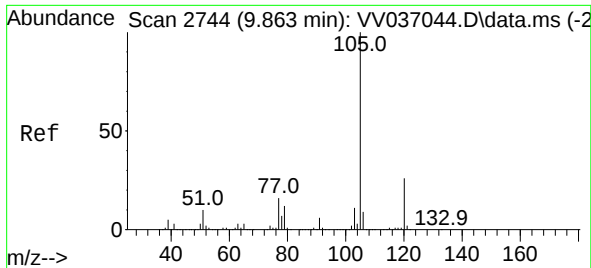
Ion Ratio Lower Upper

173 100

175 48.6 38.7 58.1

254 7.8 6.8 10.2

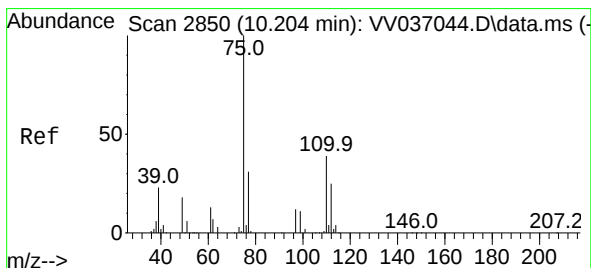
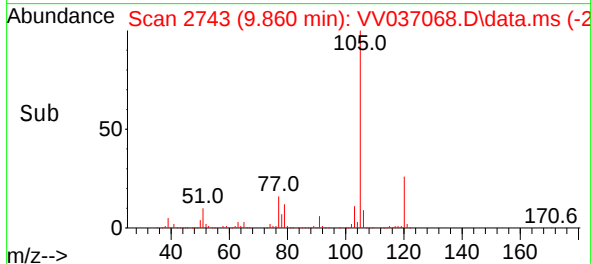
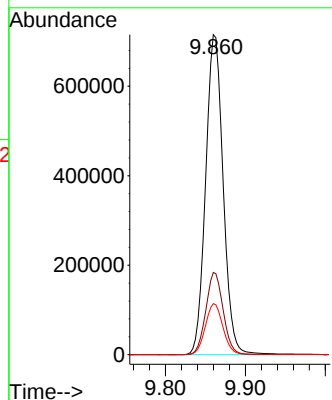
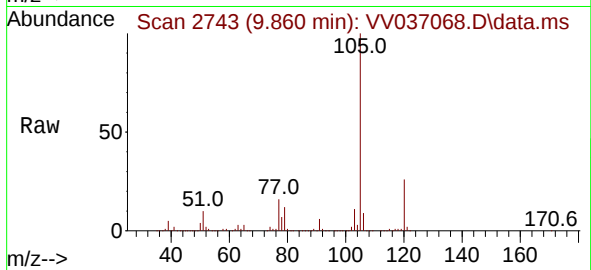




#60
Isopropylbenzene
Concen: 54.351 ug/L
RT: 9.860 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV037068.D
Acq: 27 Aug 2024 08:10

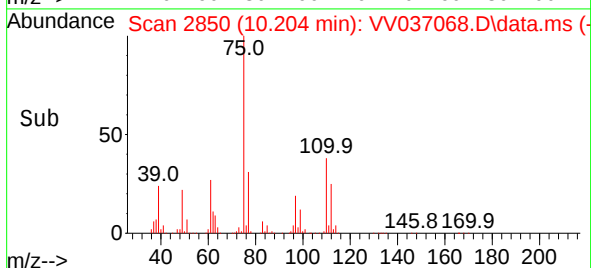
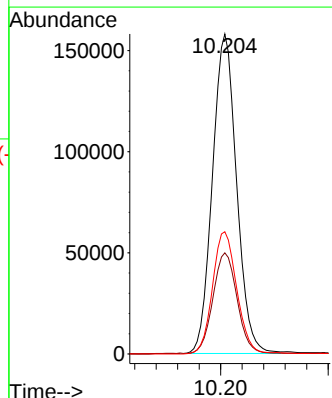
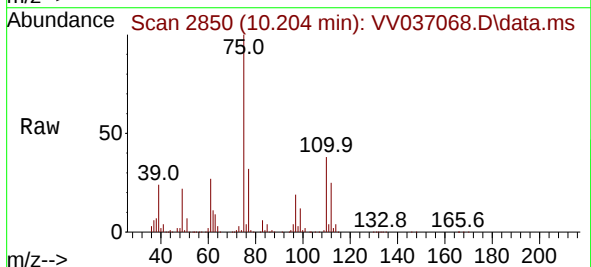
Instrument :
MSVOA_V
ClientSampleId :

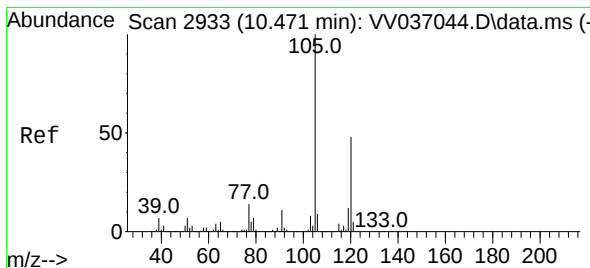
Tgt Ion:105 Resp: 1092751
Ion Ratio Lower Upper
105 100
120 25.4 20.9 31.3
77 16.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 51.094 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.000 min
Lab File: VV037068.D
Acq: 27 Aug 2024 08:10

Tgt Ion: 75 Resp: 246502
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8
110 38.3 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 54.418 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. -0.000 min

Lab File: VV037068.D

Acq: 27 Aug 2024 08:10

Instrument :

MSVOA_V

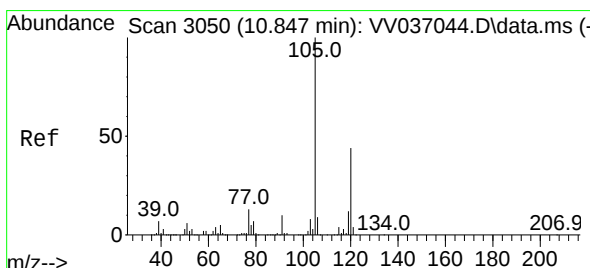
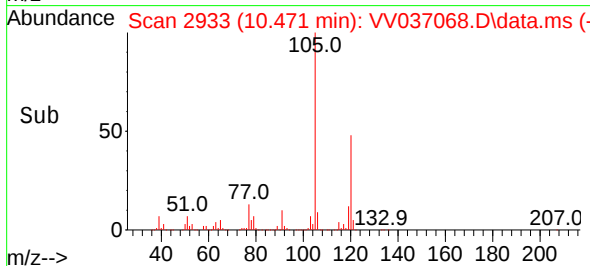
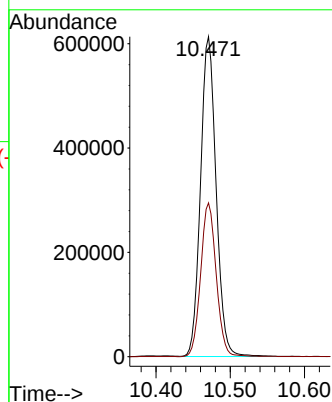
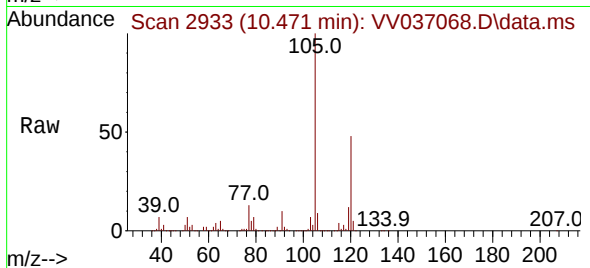
ClientSampleId :

Tgt Ion:105 Resp: 895152

Ion Ratio Lower Upper

105 100

120 47.9 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 54.558 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.003 min

Lab File: VV037068.D

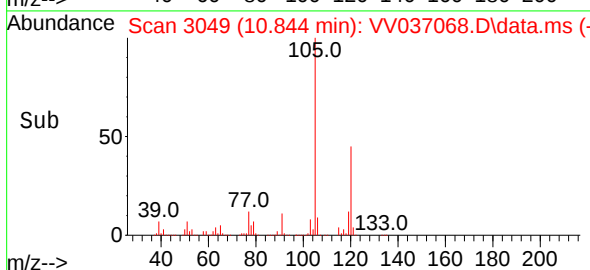
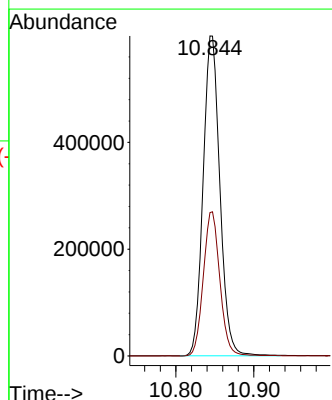
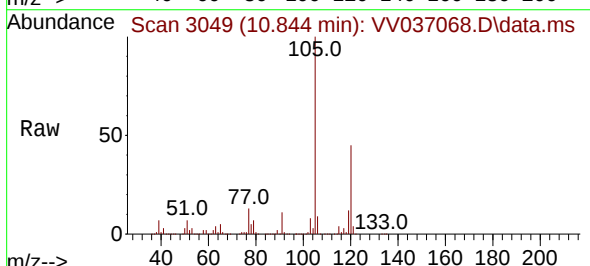
Acq: 27 Aug 2024 08:10

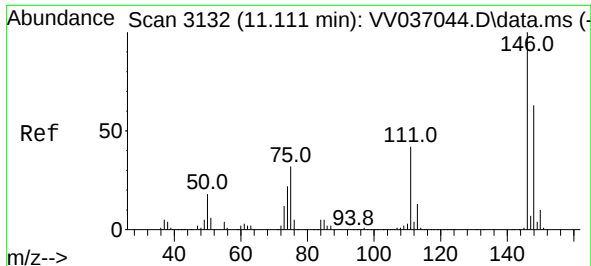
Tgt Ion:105 Resp: 895620

Ion Ratio Lower Upper

105 100

120 44.6 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 52.731 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. -0.000 min

Lab File: VV037068.D

Acq: 27 Aug 2024 08:10

Instrument :

MSVOA_V

ClientSampleId :

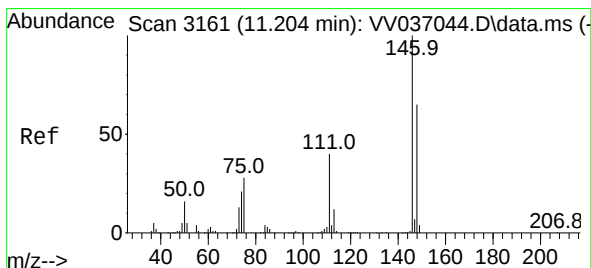
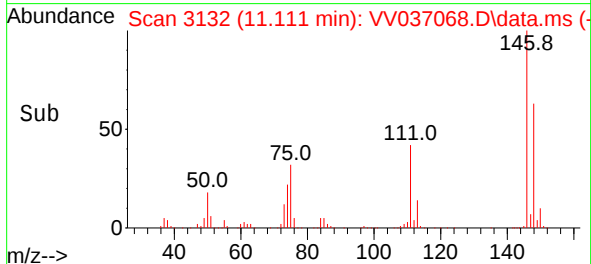
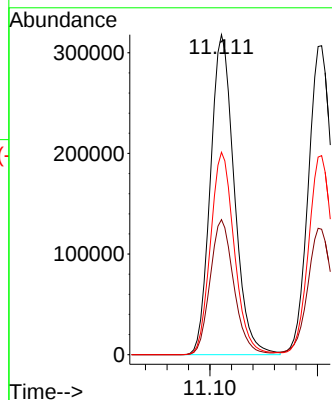
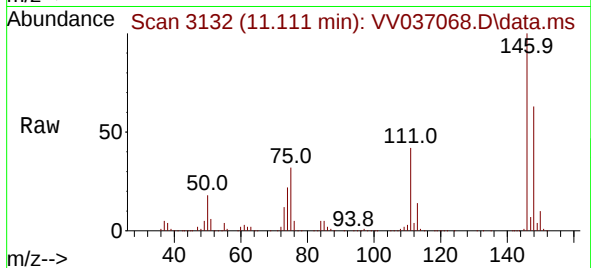
Tgt Ion:146 Resp: 489557

Ion Ratio Lower Upper

146 100

111 42.2 29.7 55.1

148 63.2 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 52.745 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. -0.000 min

Lab File: VV037068.D

Acq: 27 Aug 2024 08:10

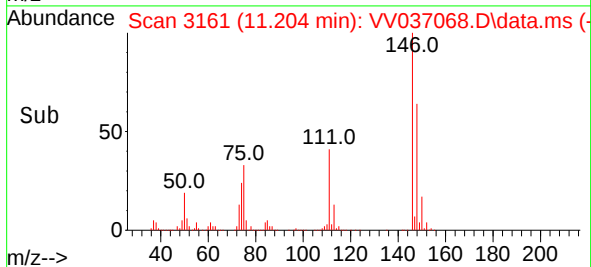
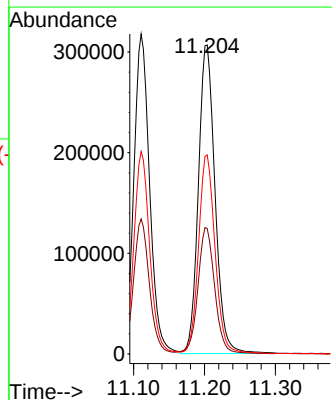
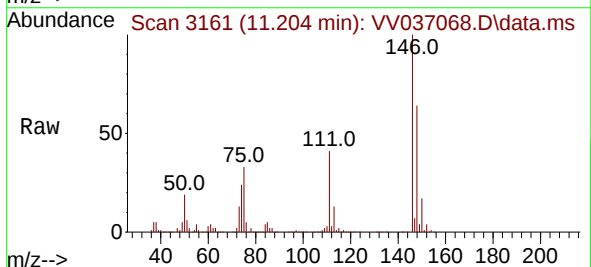
Tgt Ion:146 Resp: 501188

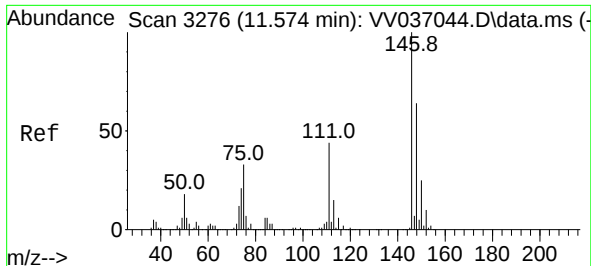
Ion Ratio Lower Upper

146 100

111 40.6 28.1 52.1

148 64.5 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 52.180 ug/L

RT: 11.574 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV037068.D

Acq: 27 Aug 2024 08:10

Instrument :

MSVOA_V

ClientSampleId :

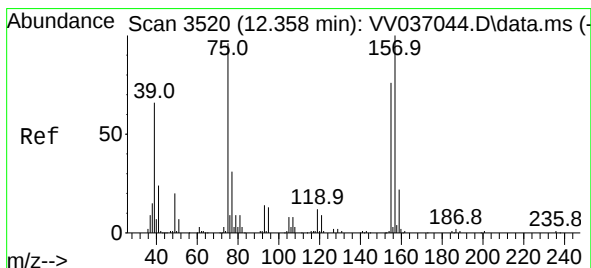
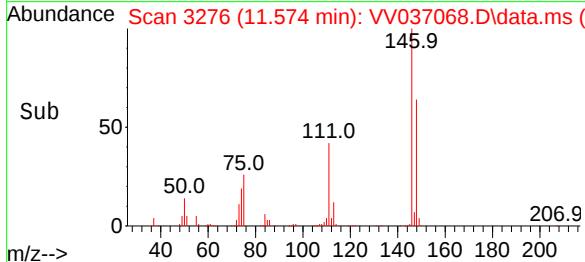
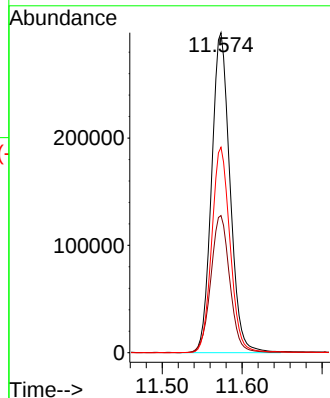
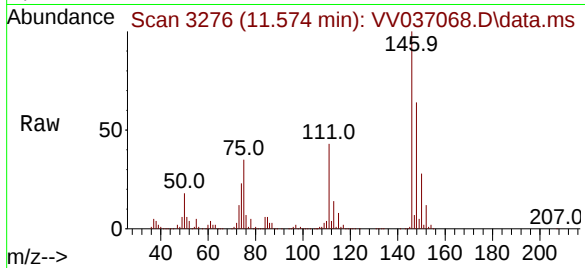
Tgt Ion:146 Resp: 476327

Ion Ratio Lower Upper

146 100

111 42.8 34.6 51.8

148 64.2 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 49.572 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.000 min

Lab File: VV037068.D

Acq: 27 Aug 2024 08:10

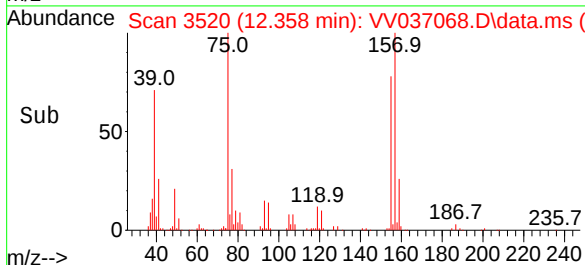
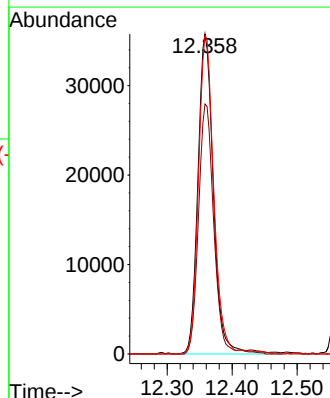
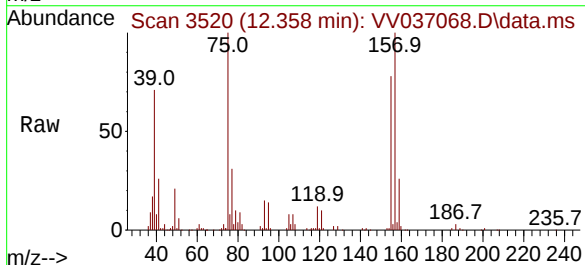
Tgt Ion: 75 Resp: 59642

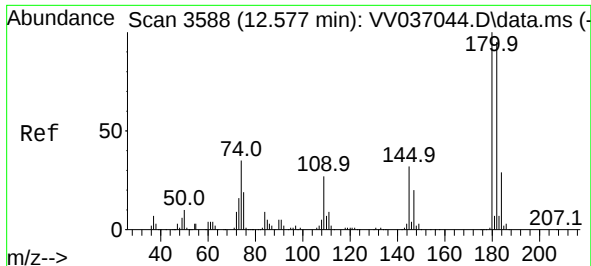
Ion Ratio Lower Upper

75 100

155 78.1 61.8 92.6

157 99.5 82.5 123.7





#69

1,3,5-Trichlorobenzene

Concen: 52.932 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. -0.000 min

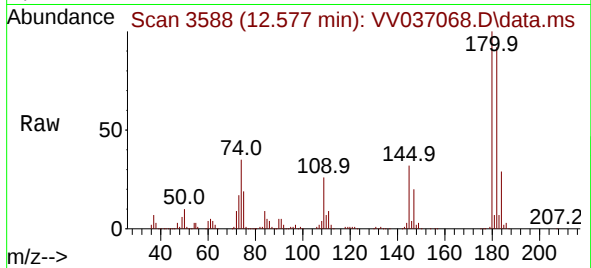
Lab File: VV037068.D

Acq: 27 Aug 2024 08:10

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 341934

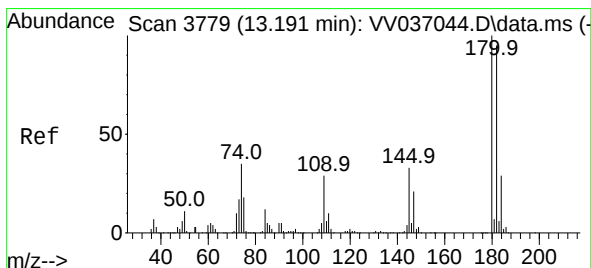
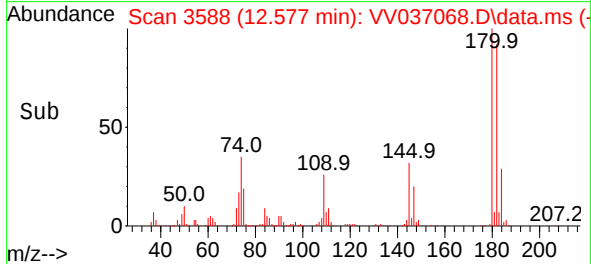
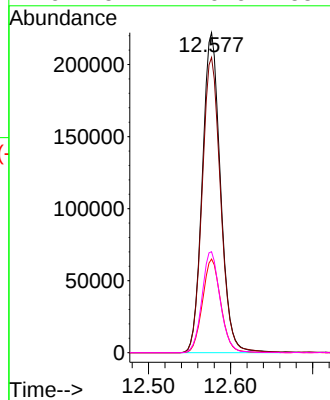
Ion Ratio Lower Upper

180 100

182 93.7 76.7 115.1

184 29.5 24.2 36.2

145 31.4 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 52.016 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV037068.D

Acq: 27 Aug 2024 08:10

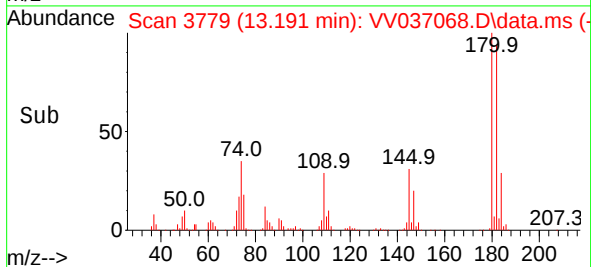
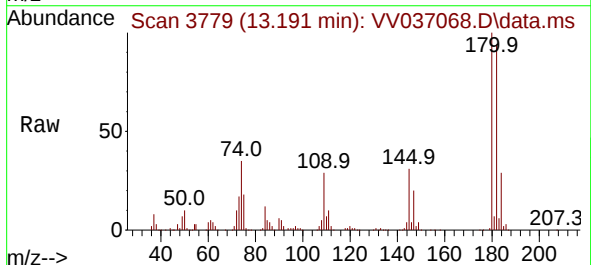
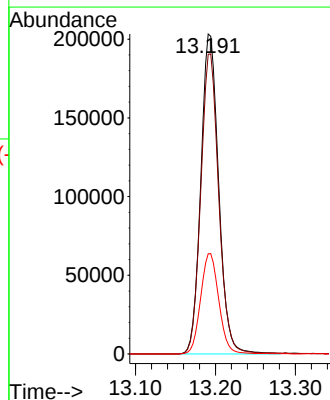
Tgt Ion:180 Resp: 316411

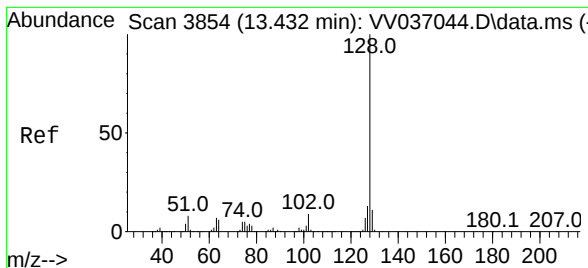
Ion Ratio Lower Upper

180 100

182 94.1 75.7 113.5

145 31.8 26.0 39.0





#71

Naphthalene

Concen: 50.348 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV037068.D

Acq: 27 Aug 2024 08:10

Instrument :

MSVOA_V

ClientSampleId :

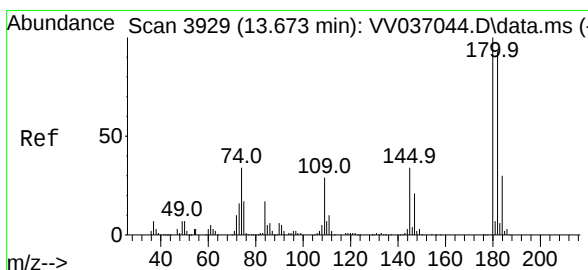
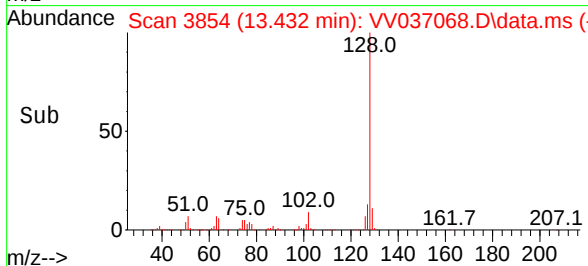
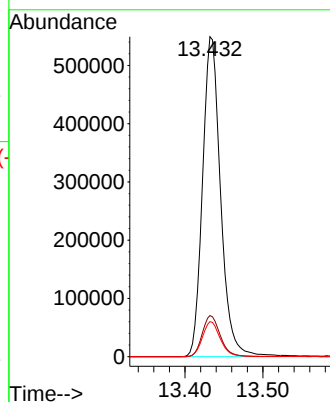
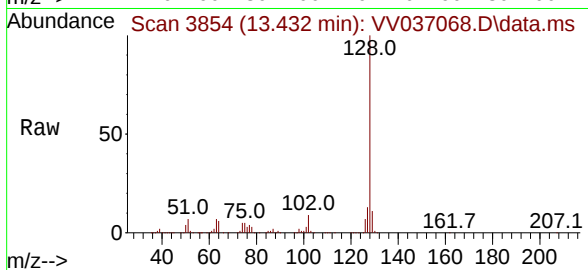
Tgt Ion:128 Resp: 884365

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 51.852 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.000 min

Lab File: VV037068.D

Acq: 27 Aug 2024 08:10

Tgt Ion:180 Resp: 310827

Ion Ratio Lower Upper

180 100

182 94.0 75.1 112.7

145 34.0 27.0 40.4

