

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
 Data File : VV037093.D
 Acq On : 27 Aug 2024 17:49
 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 04:23:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 28 04:16:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	665298	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	630118	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	317417	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.278	65	257511	42.313	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.620%
7) Chloroethane-d5	1.529	69	211326	44.929	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.860%
11) 1,1-Dichloroethene-d2	2.056	65	117156	45.801	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.600%
21) 2-Butanone-d5	3.796	46	245584	104.204	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.200%
24) Chloroform-d	4.243	84	466963	49.025	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.060%
26) 1,2-Dichloroethane-d4	4.937	65	294769	49.142	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.280%
32) Benzene-d6	4.953	84	881552	46.319	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.640%
36) 1,2-Dichloropropane-d6	5.986	67	275938	46.290	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.580%
41) Toluene-d8	7.236	98	811939	47.270	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.540%
43) trans-1,3-Dichloroprop...	7.548	79	134047	48.606	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.220%
47) 2-Hexanone-d5	8.024	63	207786	127.720	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	127.720%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	370471	51.243	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.480%
66) 1,2-Dichlorobenzene-d4	11.554	152	302952	47.655	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.108	85	285086	50.709	ug/L	99
3) Chloromethane	1.217	50	263006	41.597	ug/L	98
5) Vinyl chloride	1.282	62	308089	51.906	ug/L	99
6) Bromomethane	1.484	94	163807	49.252	ug/L	99
8) Chloroethane	1.545	64	185446	51.079	ug/L	99
9) Trichlorofluoromethane	1.709	101	412506	53.255	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	238964	51.869	ug/L	99
12) 1,1-Dichloroethene	2.066	96	228697	52.690	ug/L	98
13) Acetone	2.111	43	198993	78.729	ug/L	99
14) Carbon disulfide	2.236	76	661711	50.218	ug/L	100
15) Methyl Acetate	2.372	43	259566	61.255	ug/L	100
16) Methylene chloride	2.442	84	254374	51.943	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	241275	53.546	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	822132	58.001	ug/L	99
19) 1,1-Dichloroethane	3.101	63	476613	53.262	ug/L	98
20) cis-1,2-Dichloroethene	3.806	96	258957	52.009	ug/L	99
22) 2-Butanone	3.876	43	283331	101.812	ug/L	100
23) Bromochloromethane	4.140	128	123920	50.701	ug/L	98
25) Chloroform	4.269	83	452420	49.922	ug/L	99

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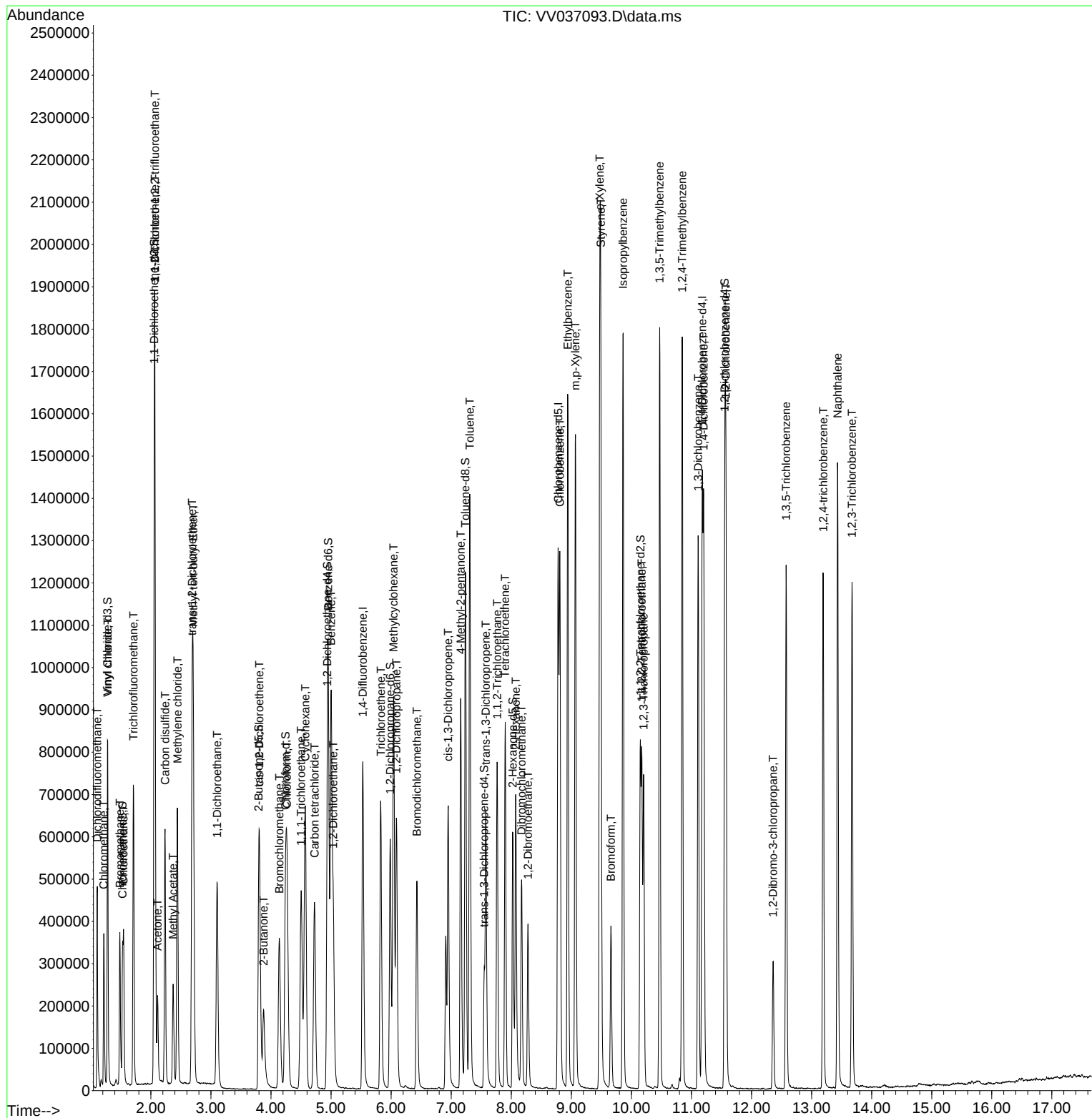
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	359634	54.099	ug/L	97
29) Cyclohexane	4.571	56	387129	52.253	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	384571	53.042	ug/L	99
31) Carbon tetrachloride	4.725	117	328224	53.650	ug/L	100
33) Benzene	5.002	78	946545	52.052	ug/L	100
34) Trichloroethene	5.828	95	247003	51.462	ug/L	99
35) Methylcyclohexane	6.040	83	402015	51.552	ug/L	99
37) 1,2-Dichloropropane	6.088	63	241997	49.639	ug/L	99
38) Bromodichloromethane	6.429	83	329720	52.768	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	403514	52.449	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	598928	120.842	ug/L	99
42) Toluene	7.310	91	1010129	53.351	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	365096	53.092	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	238813	52.622	ug/L	99
46) Tetrachloroethene	7.899	164	175456	50.948	ug/L	96
48) 2-Hexanone	8.075	43	434652	113.394	ug/L	99
49) Dibromochloromethane	8.172	129	236488	52.042	ug/L	99
50) 1,2-Dibromoethane	8.278	107	249600	54.352	ug/L	100
51) Chlorobenzene	8.809	112	645592	51.504	ug/L	100
52) Ethylbenzene	8.940	91	1144922	53.535	ug/L	100
53) m,p-Xylene	9.069	106	420438	53.060	ug/L	98
54) o-Xylene	9.474	106	414897	53.477	ug/L	100
55) Styrene	9.490	104	723326	53.731	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.172	83	372221	55.379	ug/L	98
59) Bromoform	9.661	173	159258	53.881	ug/L	99
60) Isopropylbenzene	9.863	105	1134370	55.126	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	282843	57.281	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	930537	55.271	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	940550	55.980	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	496815	52.285	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	506080	52.037	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	485344	51.947	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.358	75	76503	62.126	ug/L	99
69) 1,3,5-Trichlorobenzene	12.577	180	344421	52.093	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	333021	53.490	ug/L	100
71) Naphthalene	13.432	128	1119036	62.246	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	328738	53.581	ug/L	99

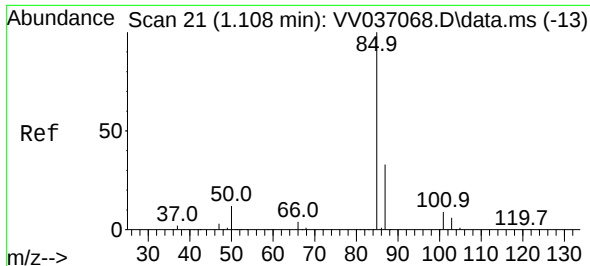
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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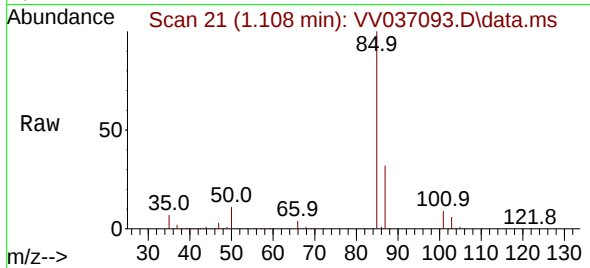
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
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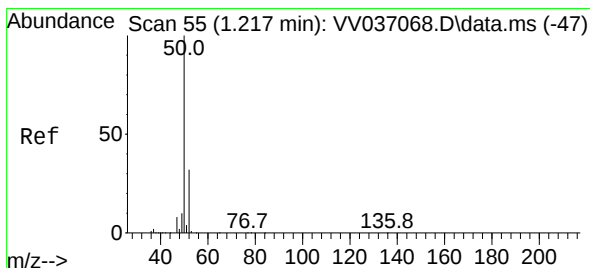
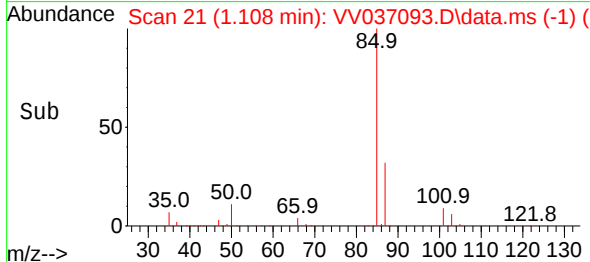
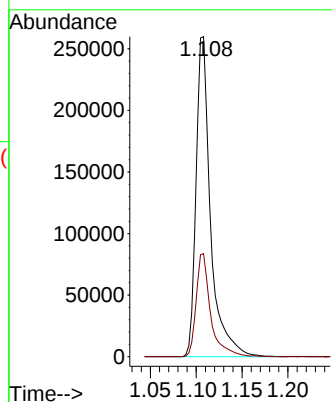


#2
 Dichlorodifluoromethane
 Concen: 50.709 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037093.D
 Acq: 27 Aug 2024 17:49

Instrument :
 MSVOA_V
 ClientSampleId :

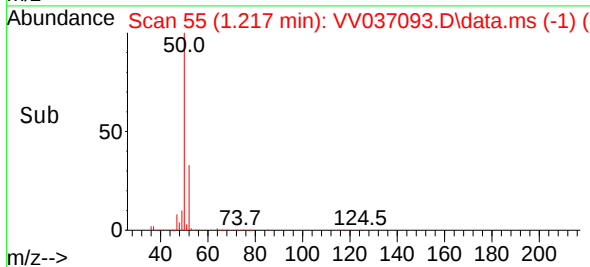
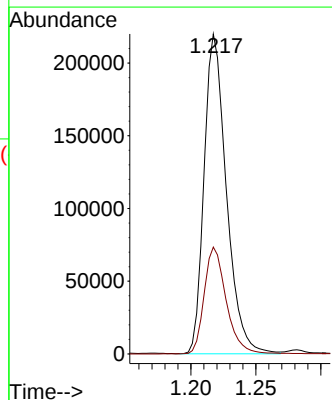
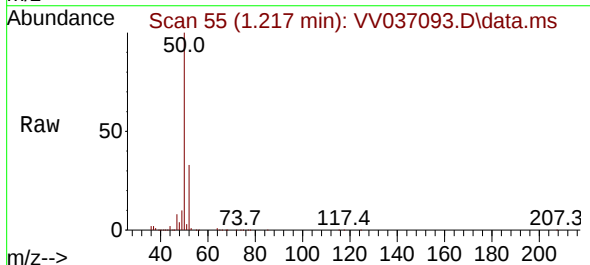


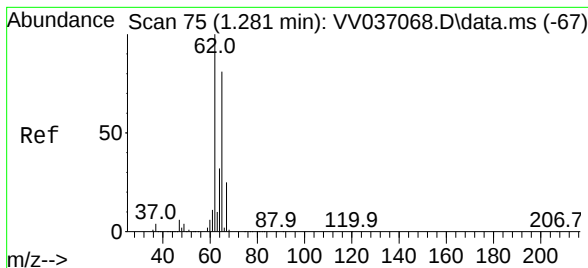
Tgt Ion: 85 Resp: 285086
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.9 38.9



#3
 Chloromethane
 Concen: 41.597 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV037093.D
 Acq: 27 Aug 2024 17:49

Tgt Ion: 50 Resp: 263006
 Ion Ratio Lower Upper
 50 100
 52 33.4 22.5 41.9





#5

Vinyl chloride

Concen: 51.906 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV037093.D

Acq: 27 Aug 2024 17:49

Instrument :

MSVOA_V

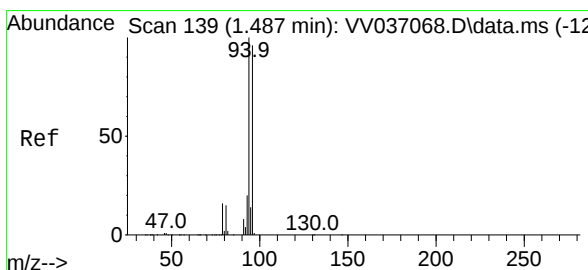
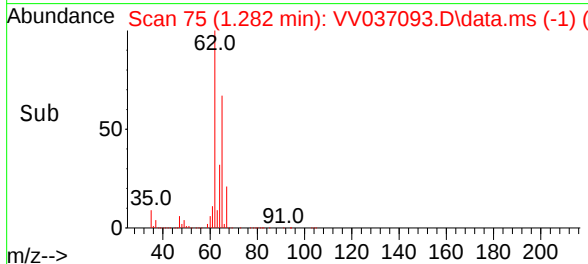
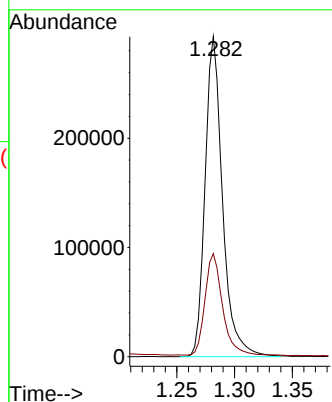
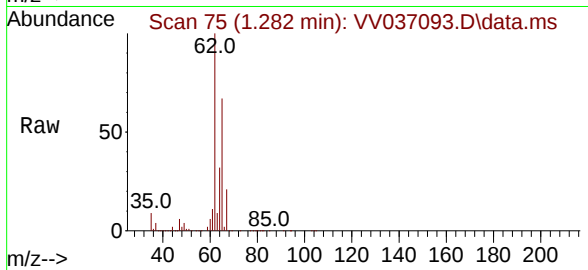
ClientSampleId :

Tgt Ion: 62 Resp: 308089

Ion Ratio Lower Upper

62 100

64 32.2 22.8 42.4



#6

Bromomethane

Concen: 49.252 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.003 min

Lab File: VV037093.D

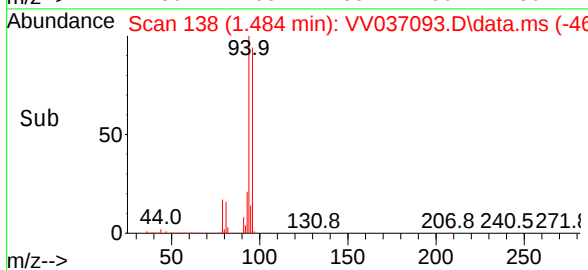
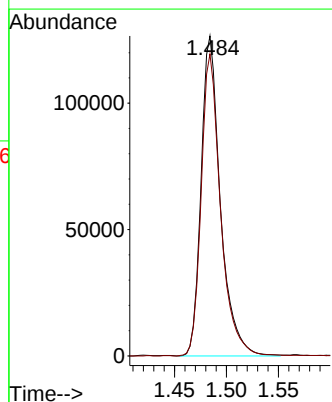
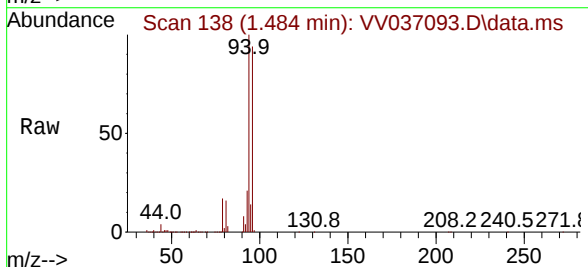
Acq: 27 Aug 2024 17:49

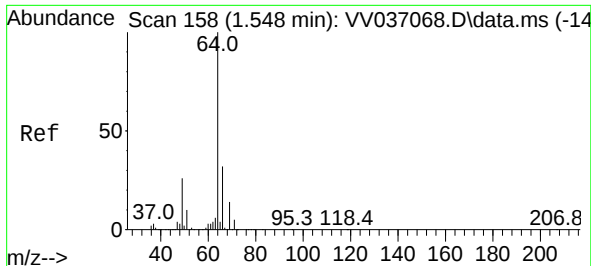
Tgt Ion: 94 Resp: 163807

Ion Ratio Lower Upper

94 100

96 94.3 65.6 121.8





#8

Chloroethane

Concen: 51.079 ug/L

RT: 1.545 min Scan# 1

Delta R.T. -0.003 min MSVOA_V

Lab File: VV037093.D

Acq: 27 Aug 2024 17:49

Instrument :

MSVOA_V

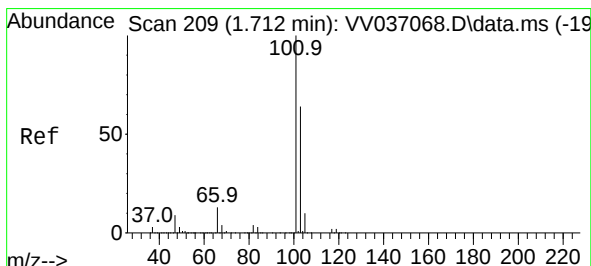
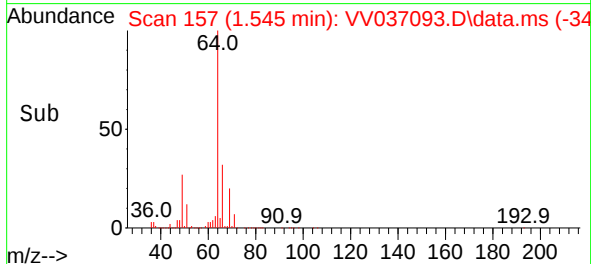
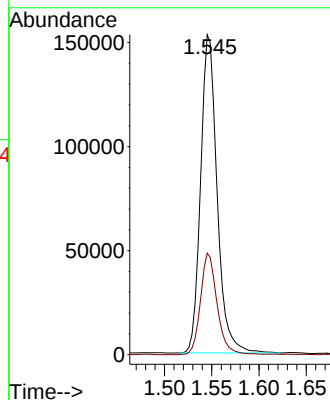
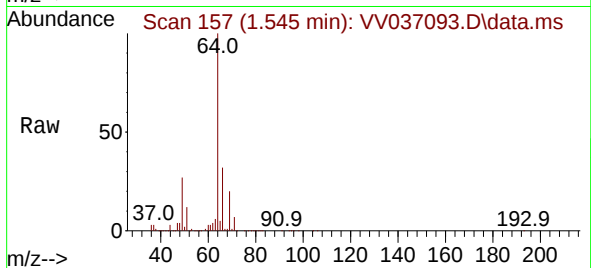
ClientSampleId :

Tgt Ion: 64 Resp: 185446

Ion Ratio Lower Upper

64 100

66 31.8 22.8 42.4



#9

Trichlorofluoromethane

Concen: 53.255 ug/L

RT: 1.709 min Scan# 208

Delta R.T. -0.003 min

Lab File: VV037093.D

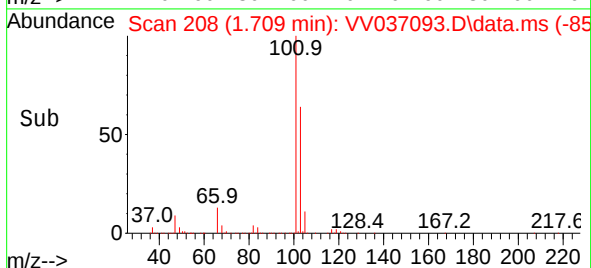
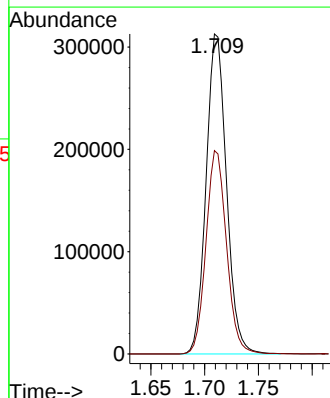
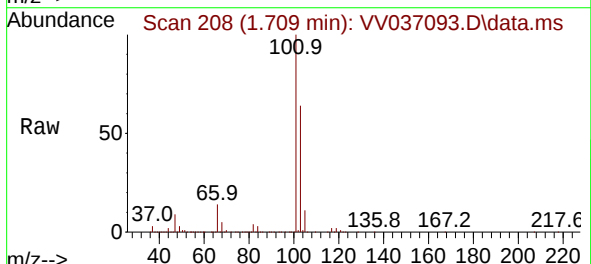
Acq: 27 Aug 2024 17:49

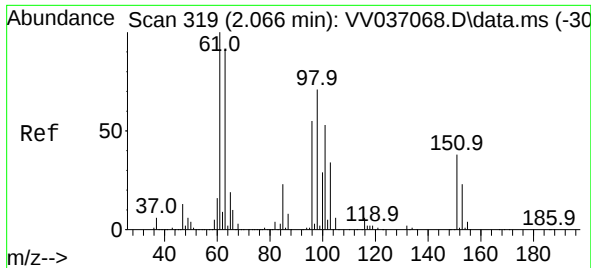
Tgt Ion:101 Resp: 412506

Ion Ratio Lower Upper

101 100

103 64.2 51.7 77.5

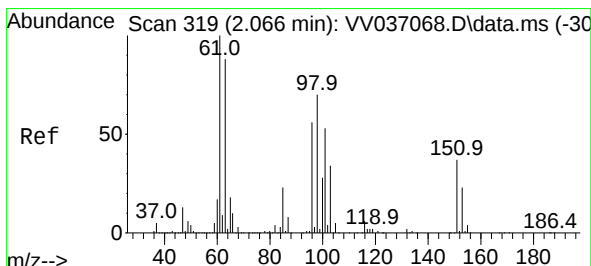
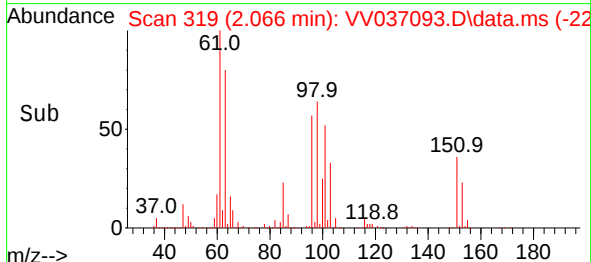
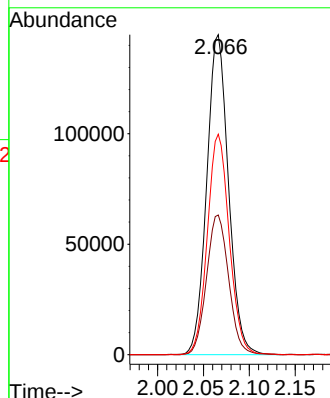
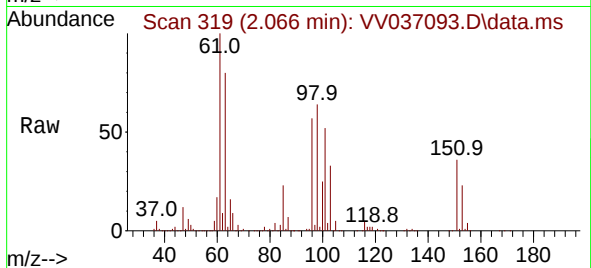




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 51.869 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV037093.D
Acq: 27 Aug 2024 17:49

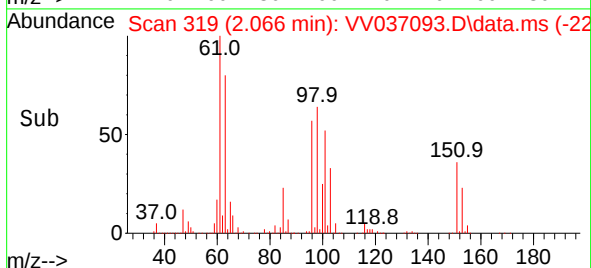
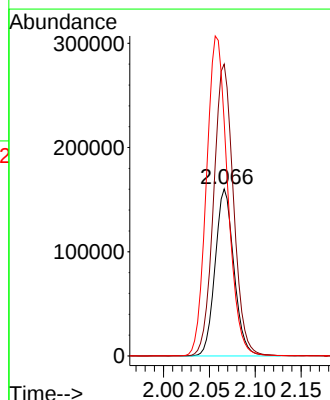
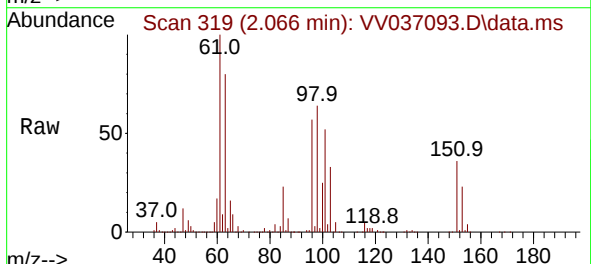
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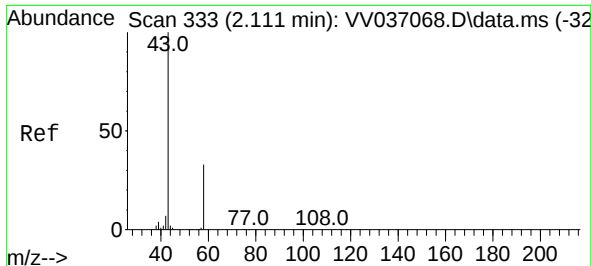
Tgt Ion:101 Resp: 238964
Ion Ratio Lower Upper
101 100
85 44.5 35.6 53.4
151 69.4 55.0 82.4



#12
1,1-Dichloroethene
Concen: 52.690 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV037093.D
Acq: 27 Aug 2024 17:49

Tgt Ion: 96 Resp: 228697
Ion Ratio Lower Upper
96 100
61 174.7 123.8 229.8
63 140.2 96.5 179.1





#13

Acetone

Concen: 78.729 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV037093.D

Acq: 27 Aug 2024 17:49

Instrument :

MSVOA_V

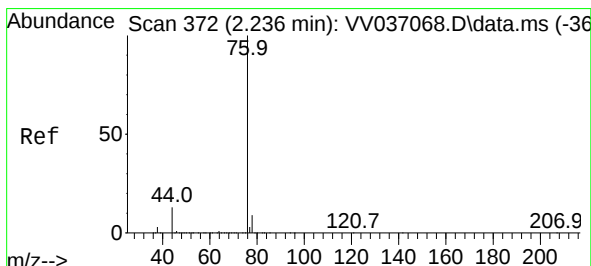
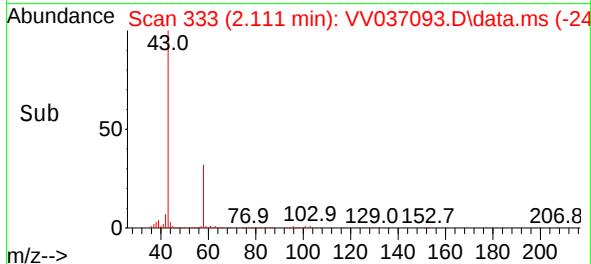
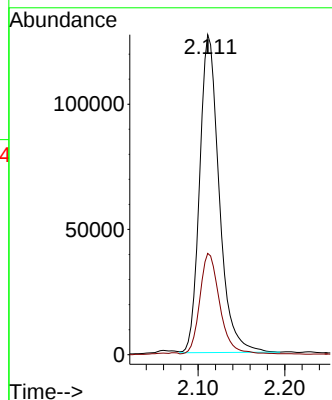
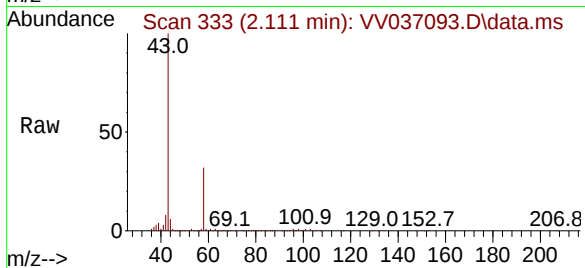
ClientSampleId :

Tgt Ion: 43 Resp: 198993

Ion Ratio Lower Upper

43 100

58 31.9 0.0 64.8



#14

Carbon disulfide

Concen: 50.218 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV037093.D

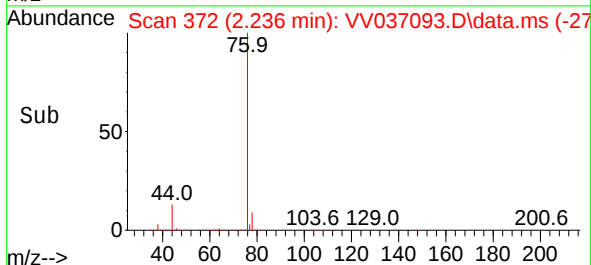
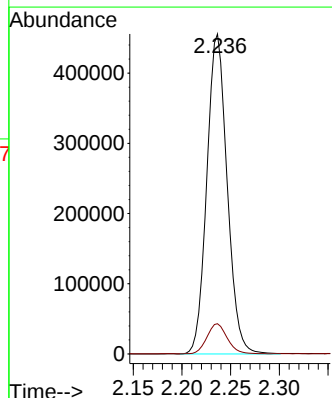
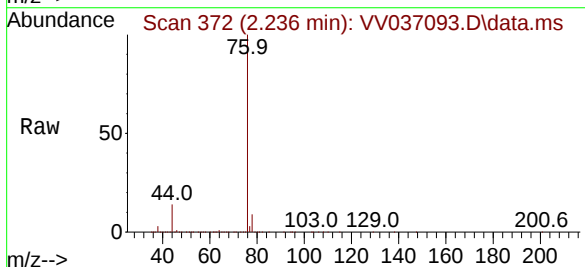
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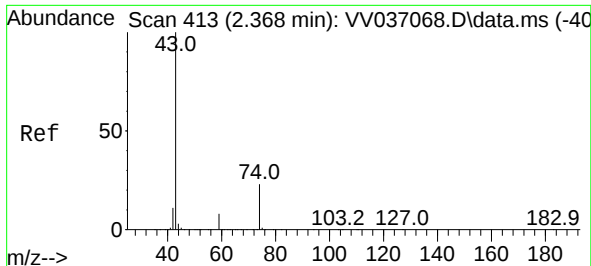
Tgt Ion: 76 Resp: 661711

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3





#15

Methyl Acetate

Concen: 61.255 ug/L

RT: 2.372 min Scan# 413

Delta R.T. 0.003 min

Lab File: VV037093.D

Acq: 27 Aug 2024 17:49

Instrument :

MSVOA_V

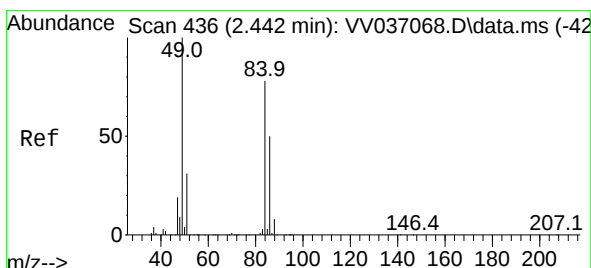
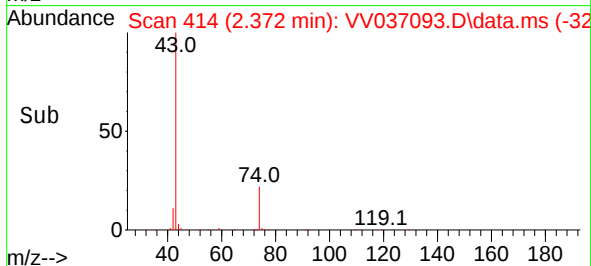
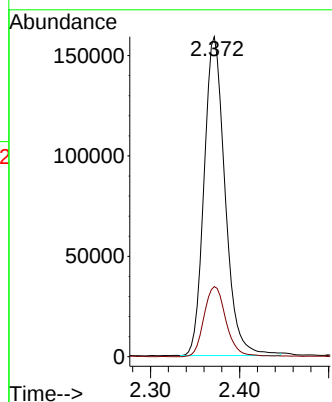
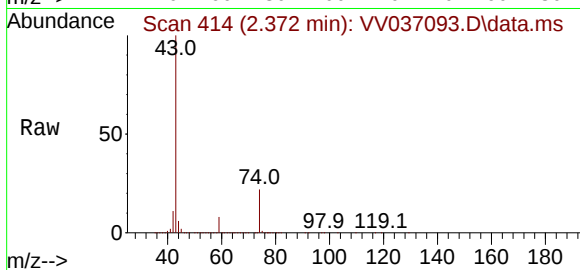
ClientSampleId :

Tgt Ion: 43 Resp: 259566

Ion Ratio Lower Upper

43 100

74 23.2 18.4 27.6



#16

Methylene chloride

Concen: 51.943 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV037093.D

Acq: 27 Aug 2024 17:49

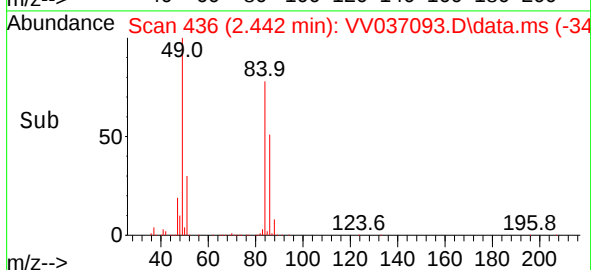
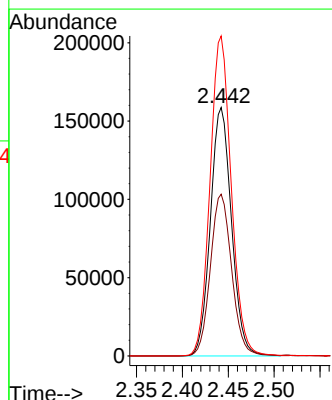
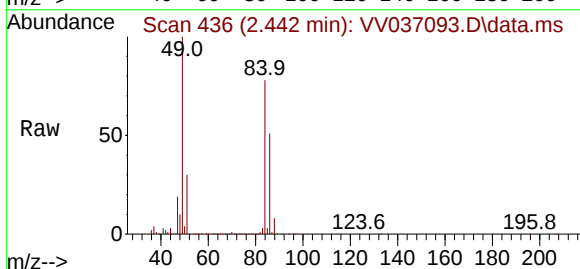
Tgt Ion: 84 Resp: 254374

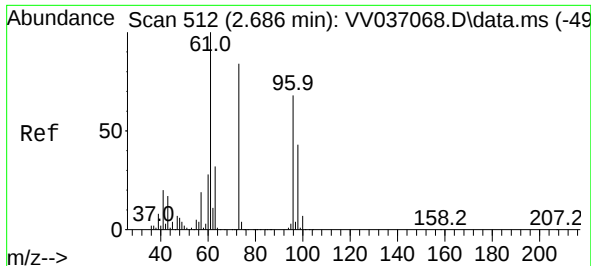
Ion Ratio Lower Upper

84 100

86 65.1 44.7 82.9

49 128.8 91.4 169.8





#17

trans-1,2-Dichloroethene

Concen: 53.546 ug/L

RT: 2.687 min Scan# 512

Delta R.T. 0.000 min

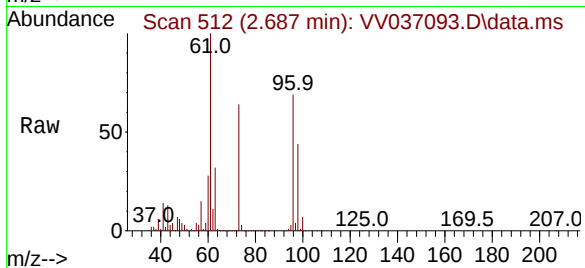
Lab File: VV037093.D

Acq: 27 Aug 2024 17:49

Instrument :

MSVOA_V

ClientSampleId :



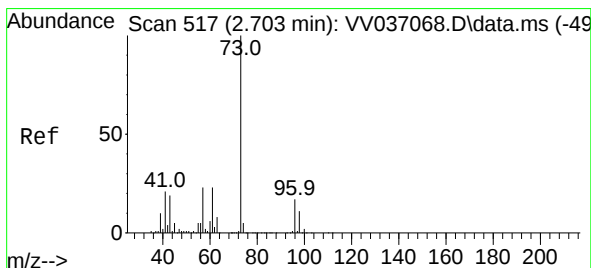
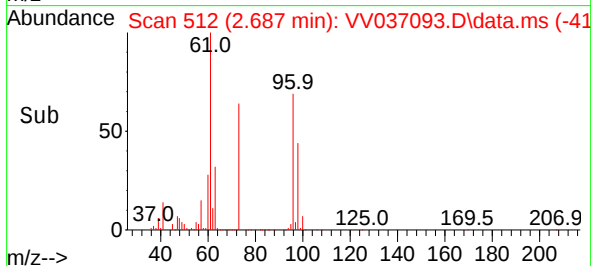
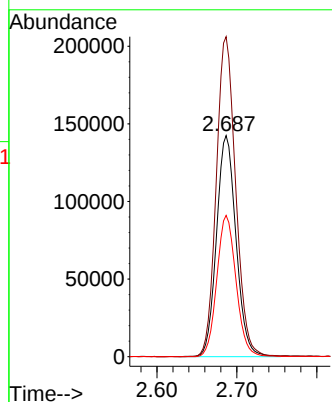
Tgt Ion: 96 Resp: 241275

Ion Ratio Lower Upper

96 100

61 144.8 102.3 189.9

98 63.9 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 58.001 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.003 min

Lab File: VV037093.D

Acq: 27 Aug 2024 17:49

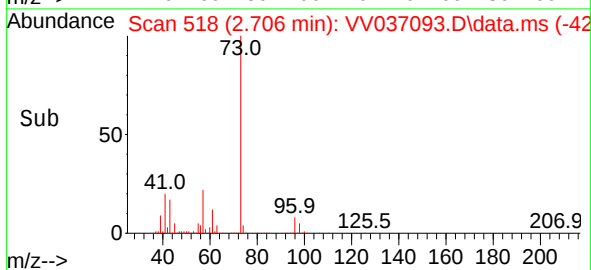
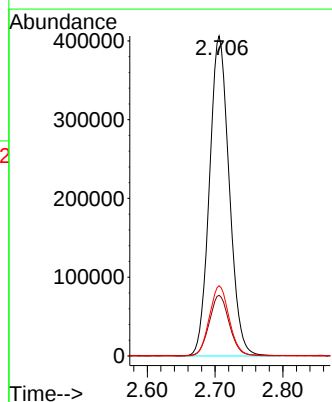
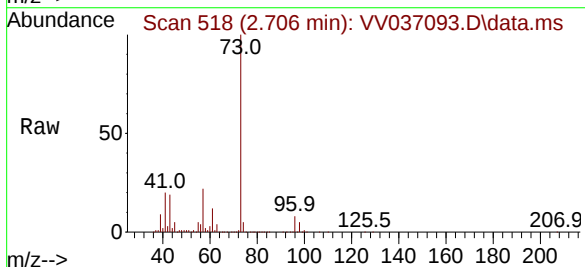
Tgt Ion: 73 Resp: 822132

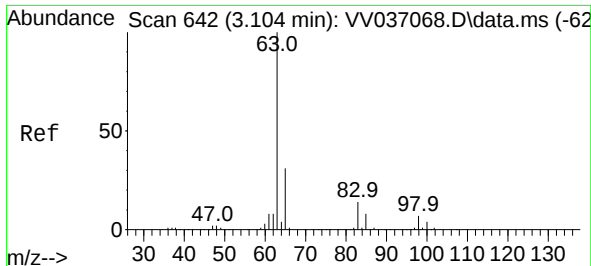
Ion Ratio Lower Upper

73 100

43 19.1 15.8 23.6

57 22.0 18.1 27.1





#19

1,1-Dichloroethane

Concen: 53.262 ug/L

RT: 3.101 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV037093.D

Acq: 27 Aug 2024 17:49

Instrument :

MSVOA_V

ClientSampleId :

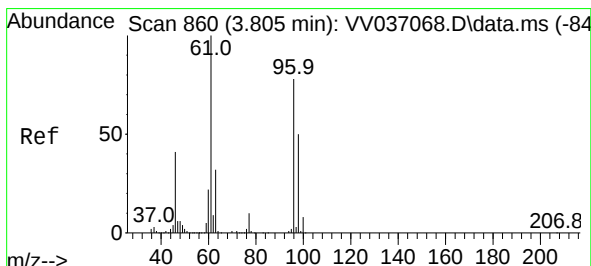
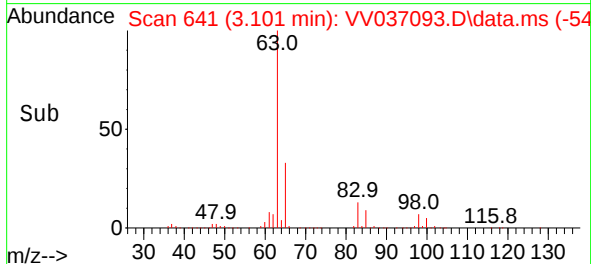
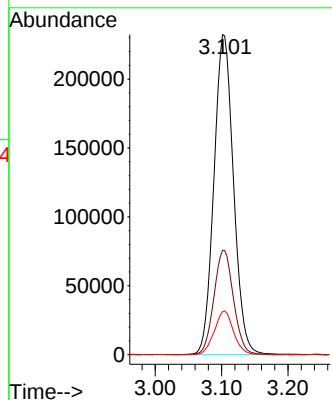
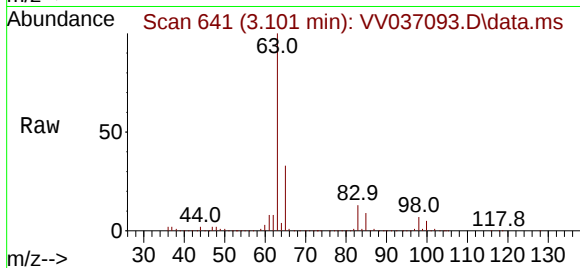
Tgt Ion: 63 Resp: 476613

Ion Ratio Lower Upper

63 100

65 32.6 22.0 41.0

83 13.5 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 52.009 ug/L

RT: 3.806 min Scan# 860

Delta R.T. 0.000 min

Lab File: VV037093.D

Acq: 27 Aug 2024 17:49

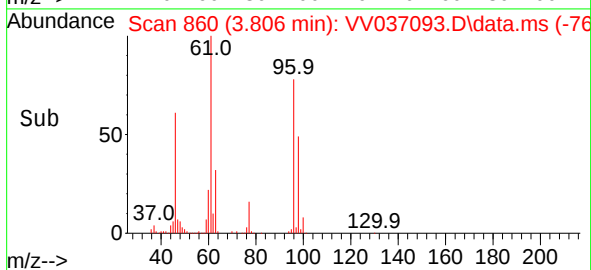
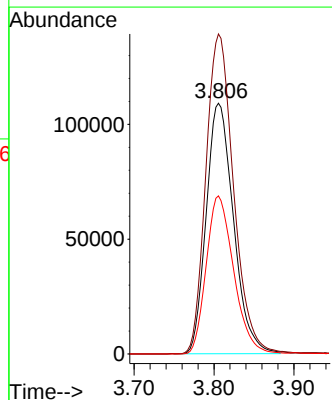
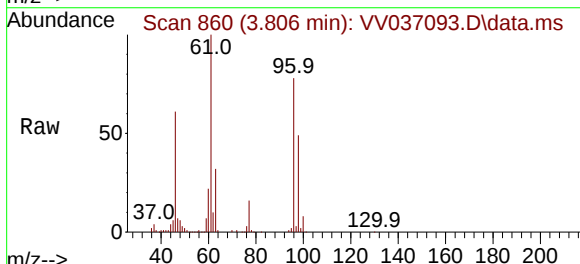
Tgt Ion: 96 Resp: 258957

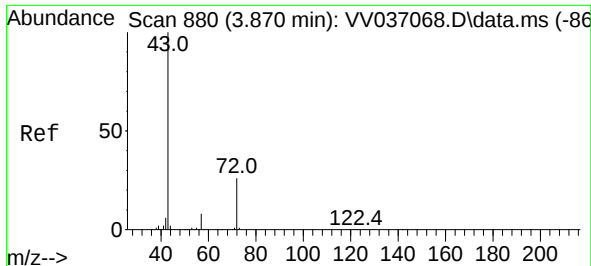
Ion Ratio Lower Upper

96 100

61 127.6 89.9 166.9

98 63.0 44.8 83.2





#22

2-Butanone

Concen: 101.812 ug/L

RT: 3.876 min Scan# 880

Delta R.T. 0.007 min

Lab File: VV037093.D

Acq: 27 Aug 2024 17:49

Instrument :

MSVOA_V

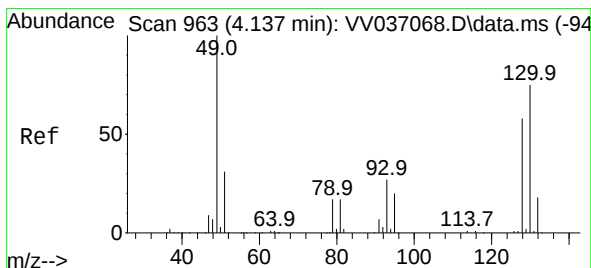
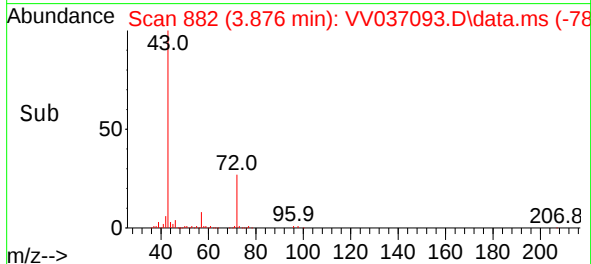
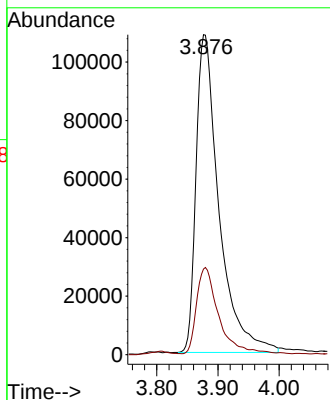
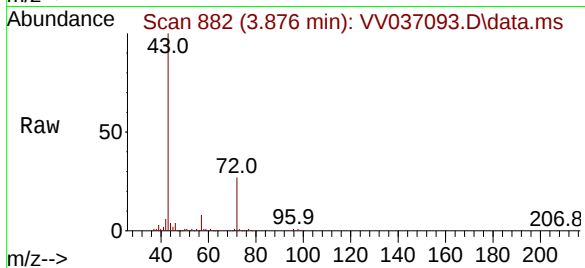
ClientSampleId :

Tgt Ion: 43 Resp: 283331

Ion Ratio Lower Upper

43 100

72 25.1 12.7 38.0



#23

Bromochloromethane

Concen: 50.701 ug/L

RT: 4.140 min Scan# 964

Delta R.T. 0.003 min

Lab File: VV037093.D

Acq: 27 Aug 2024 17:49

Tgt Ion:128 Resp: 123920

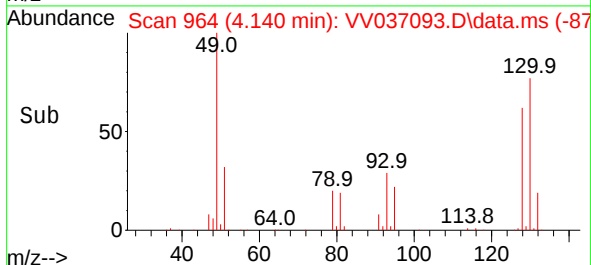
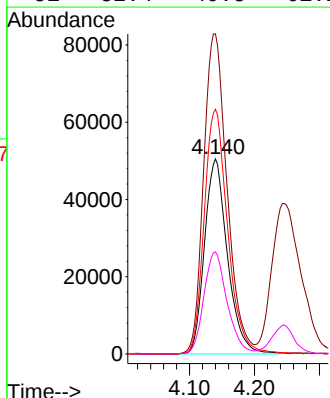
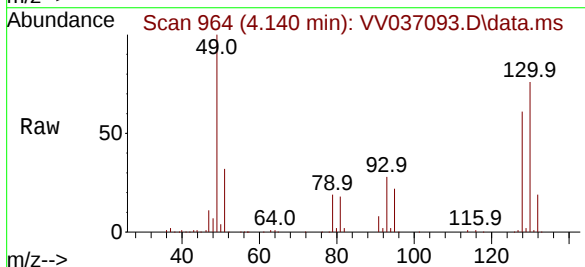
Ion Ratio Lower Upper

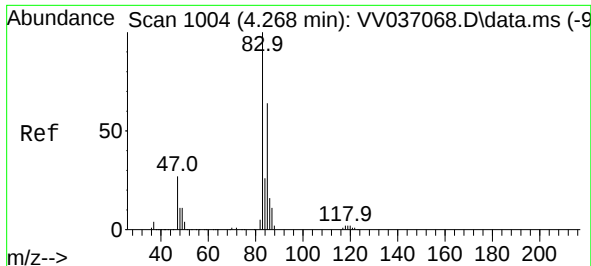
128 100

49 164.0 117.2 217.6

130 125.4 87.6 162.8

51 52.4 40.8 61.2

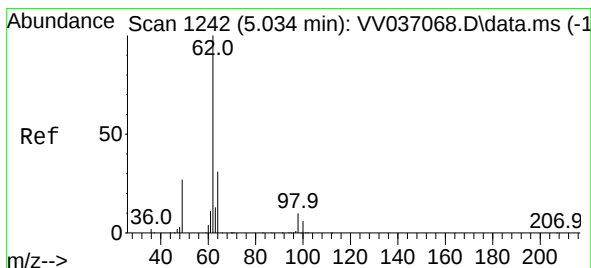
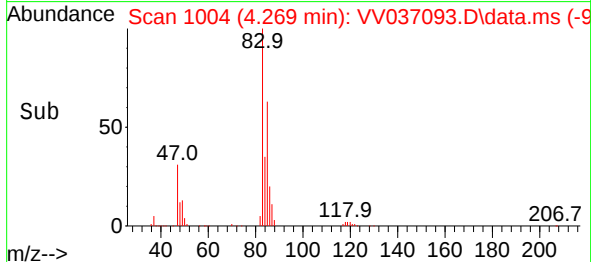
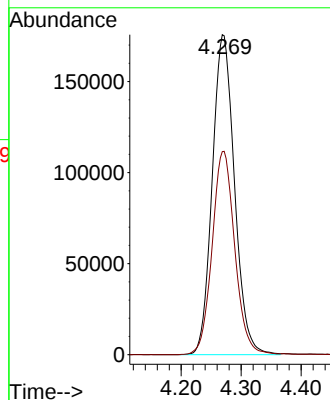
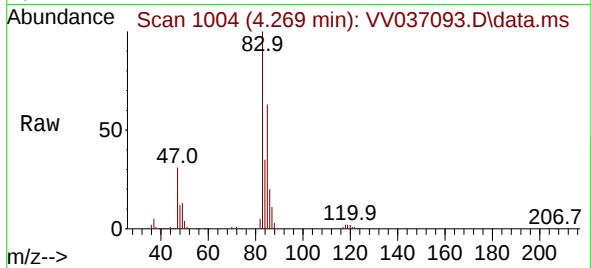




#25
Chloroform
Concen: 49.922 ug/L
RT: 4.269 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VV037093.D
Acq: 27 Aug 2024 17:49

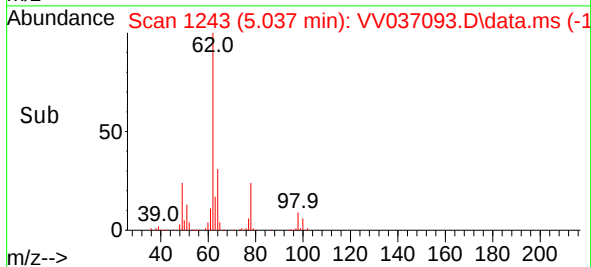
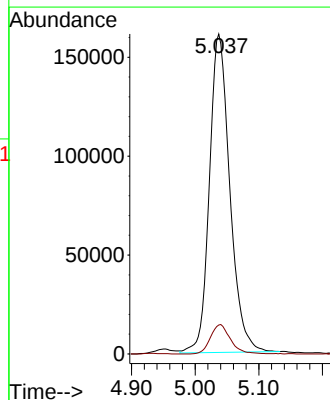
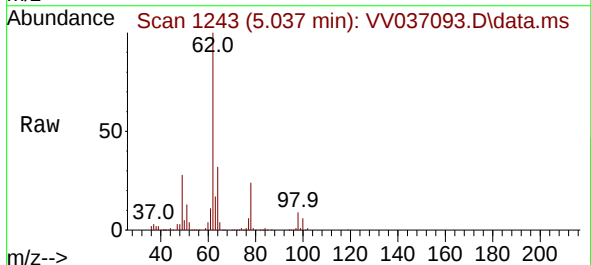
Instrument :
MSVOA_V
ClientSampleId :

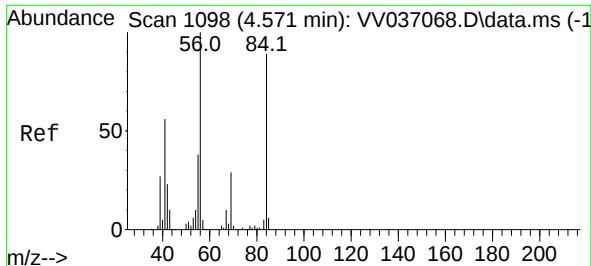
Tgt Ion: 83 Resp: 452420
Ion Ratio Lower Upper
83 100
85 63.4 45.1 83.7



#27
1,2-Dichloroethane
Concen: 54.099 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.003 min
Lab File: VV037093.D
Acq: 27 Aug 2024 17:49

Tgt Ion: 62 Resp: 359634
Ion Ratio Lower Upper
62 100
98 9.1 8.0 12.0





#29

Cyclohexane

Concen: 52.253 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VV037093.D

Acq: 27 Aug 2024 17:49

Instrument :

MSVOA_V

ClientSampleId :

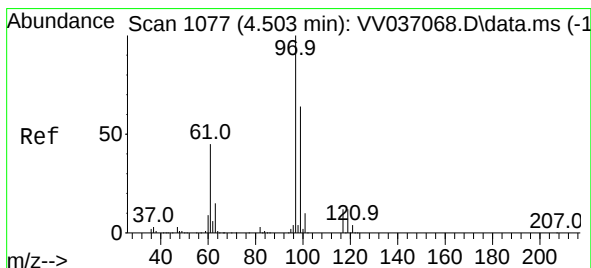
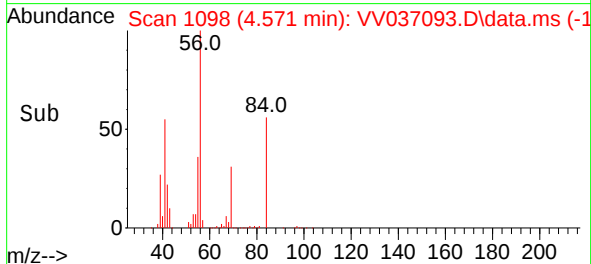
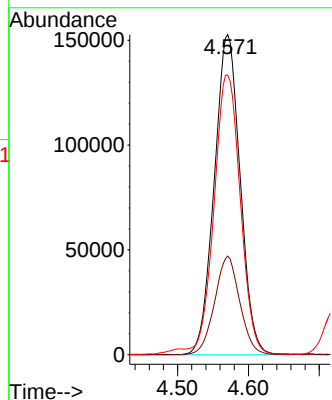
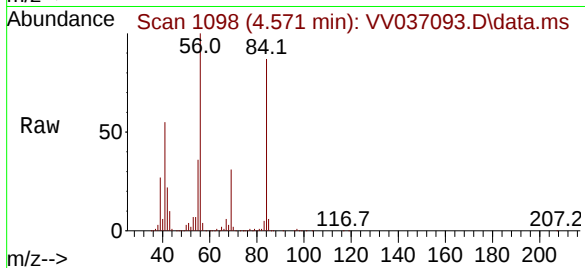
Tgt Ion: 56 Resp: 387129

Ion Ratio Lower Upper

56 100

69 29.9 24.2 36.4

84 87.7 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 53.042 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VV037093.D

Acq: 27 Aug 2024 17:49

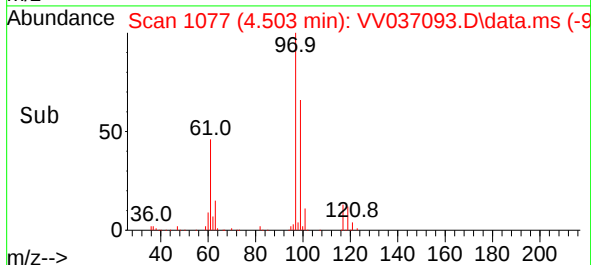
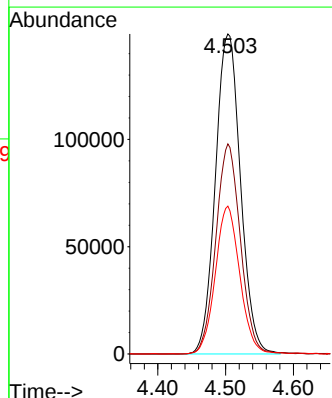
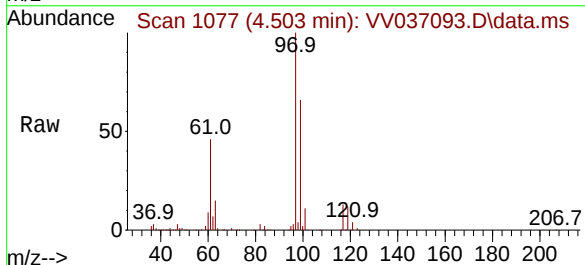
Tgt Ion: 97 Resp: 384571

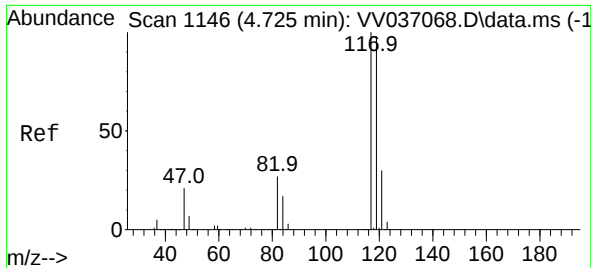
Ion Ratio Lower Upper

97 100

99 64.0 51.6 77.4

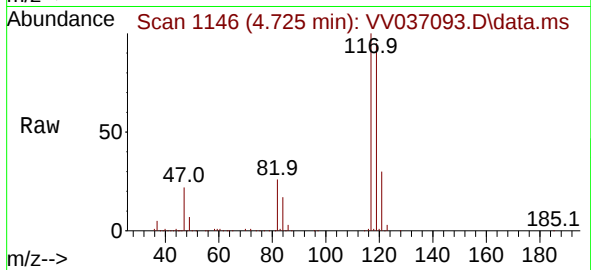
61 45.2 35.8 53.6



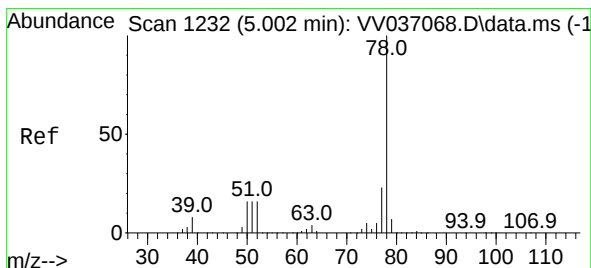
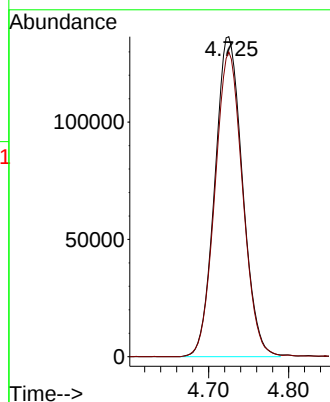
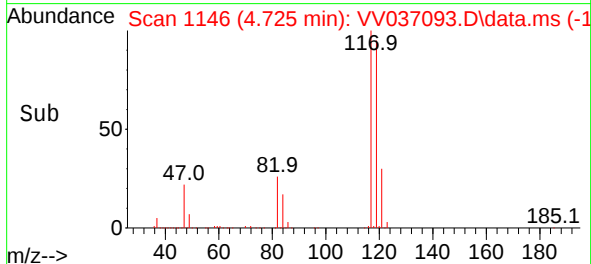


#31
Carbon tetrachloride
Concen: 53.650 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VV037093.D
Acq: 27 Aug 2024 17:49

Instrument :
MSVOA_V
ClientSampleId :

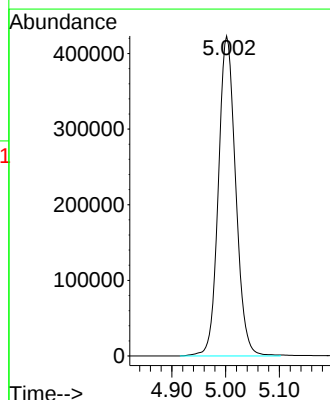
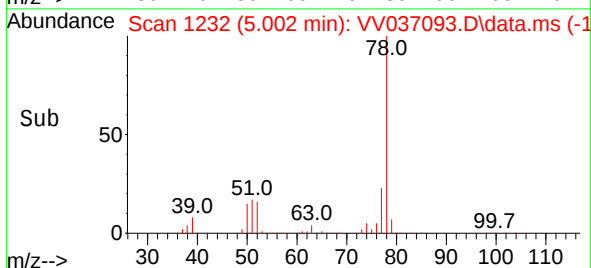
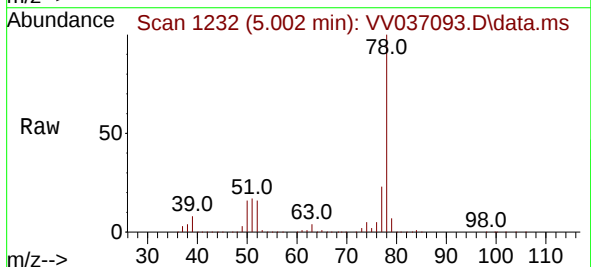


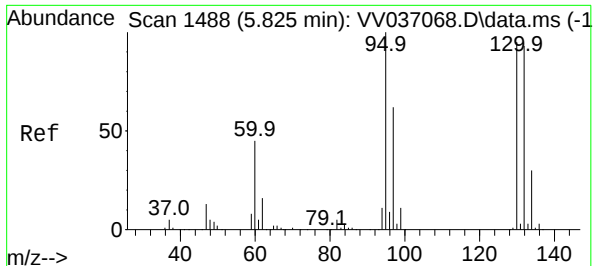
Tgt Ion:117 Resp: 328224
Ion Ratio Lower Upper
117 100
119 95.1 75.8 113.6



#33
Benzene
Concen: 52.052 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VV037093.D
Acq: 27 Aug 2024 17:49

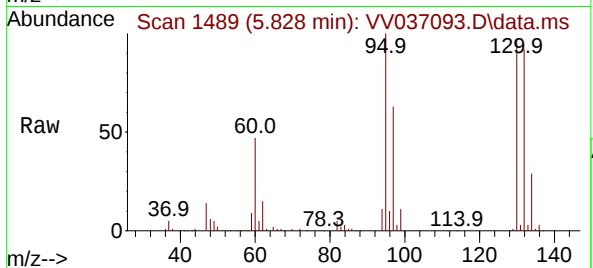
Tgt Ion: 78 Resp: 946545



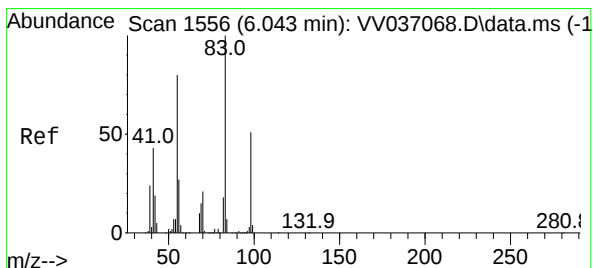
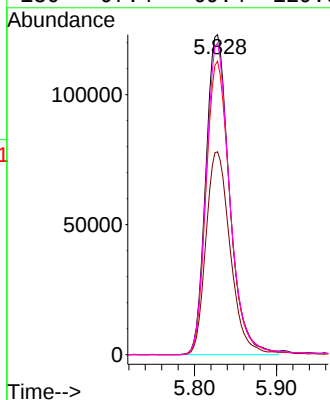
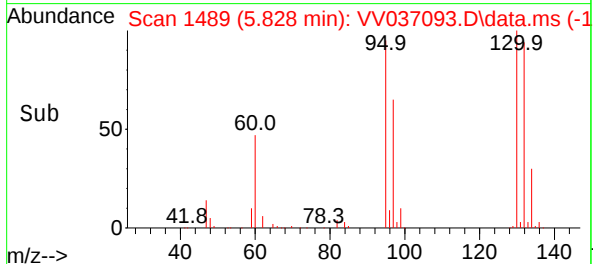


#34
Trichloroethene
Concen: 51.462 ug/L
RT: 5.828 min Scan# 1488
Delta R.T. 0.003 min
Lab File: VV037093.D
Acq: 27 Aug 2024 17:49

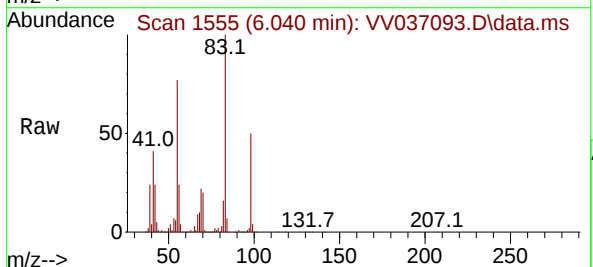
Instrument :
MSVOA_V
ClientSampleId :



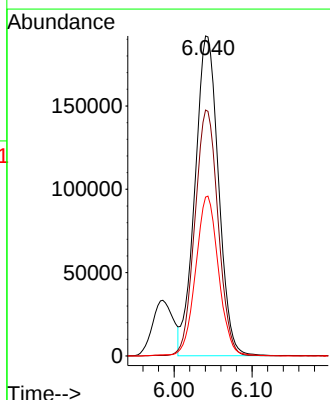
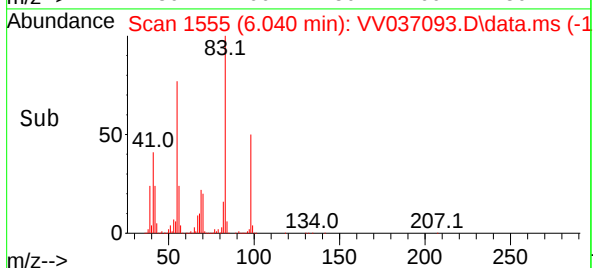
Tgt Ion: 95 Resp: 247003
Ion Ratio Lower Upper
95 100
97 63.4 44.4 82.5
132 91.7 64.9 120.5
130 97.4 69.4 129.0

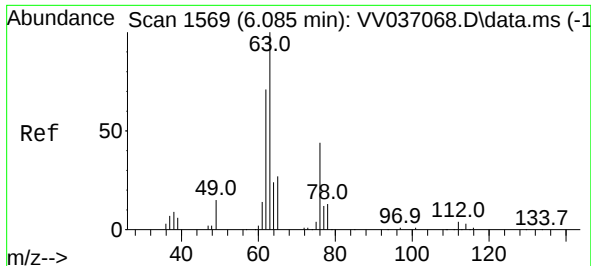


#35
Methylcyclohexane
Concen: 51.552 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. -0.003 min
Lab File: VV037093.D
Acq: 27 Aug 2024 17:49



Tgt Ion: 83 Resp: 402015
Ion Ratio Lower Upper
83 100
55 75.7 61.2 91.8
98 48.6 39.3 58.9

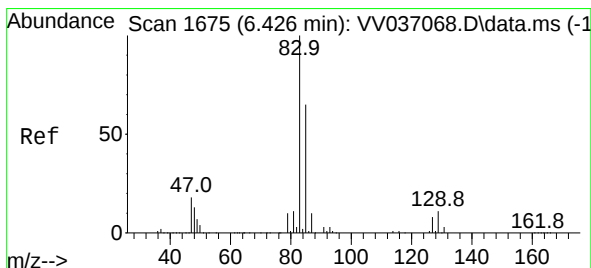
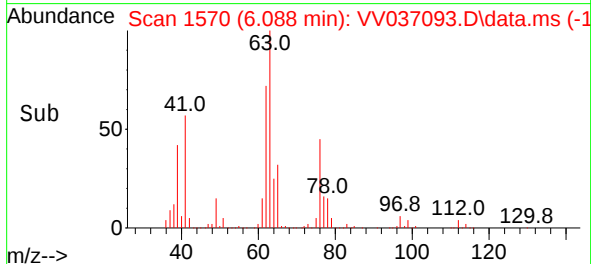
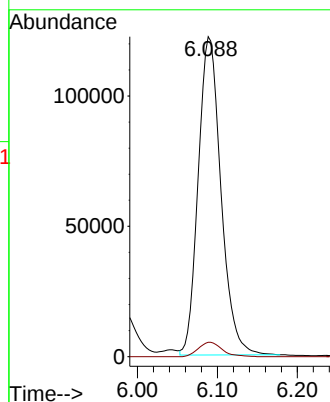
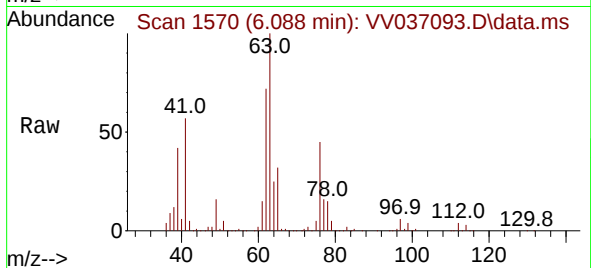




#37
1,2-Dichloropropane
Concen: 49.639 ug/L
RT: 6.088 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VV037093.D
Acq: 27 Aug 2024 17:49

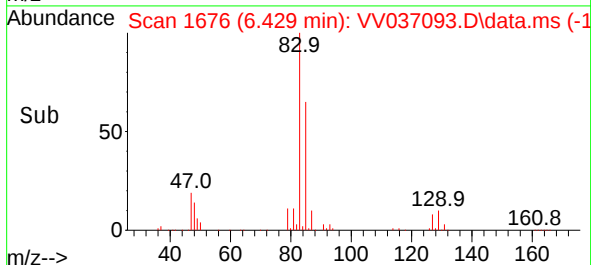
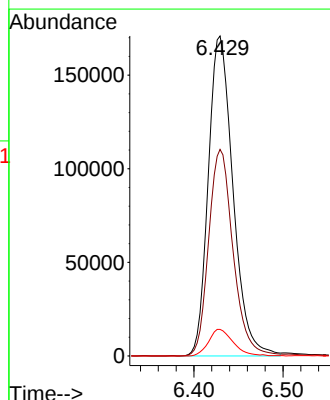
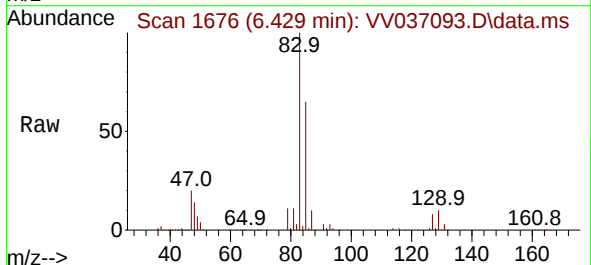
Instrument :
MSVOA_V
ClientSampleId :

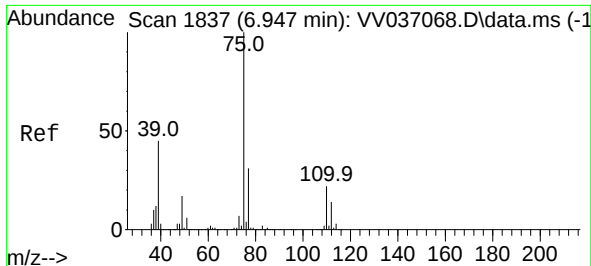
Tgt Ion: 63 Resp: 241997
Ion Ratio Lower Upper
63 100
112 4.7 3.5 5.3



#38
Bromodichloromethane
Concen: 52.768 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.003 min
Lab File: VV037093.D
Acq: 27 Aug 2024 17:49

Tgt Ion: 83 Resp: 329720
Ion Ratio Lower Upper
83 100
85 64.6 44.5 82.7
127 8.3 6.1 9.1

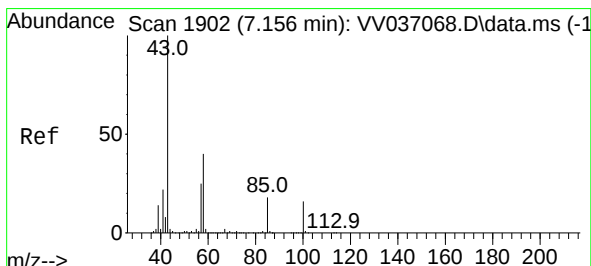
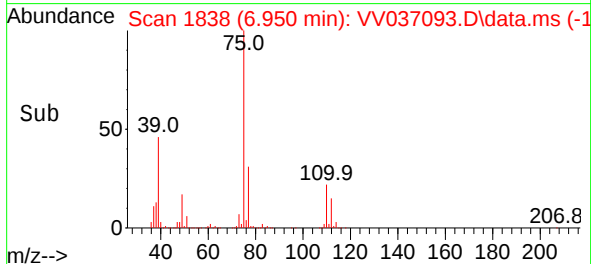
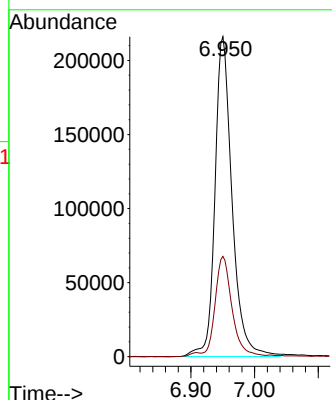
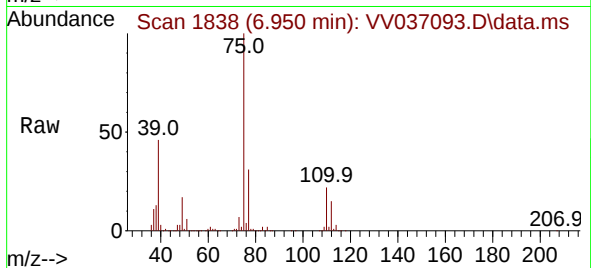




#39
 cis-1,3-Dichloropropene
 Concen: 52.449 ug/L
 RT: 6.950 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VV037093.D
 Acq: 27 Aug 2024 17:49

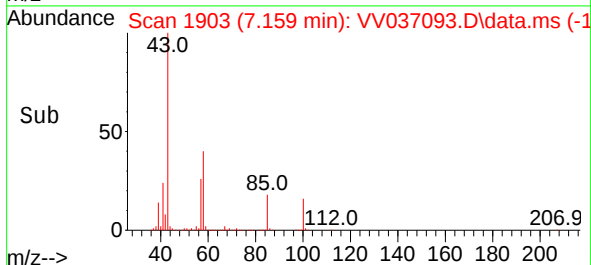
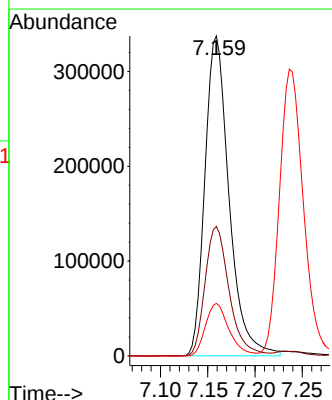
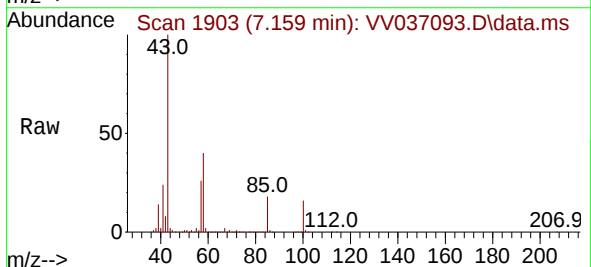
Instrument :
 MSVOA_V
 ClientSampleId :

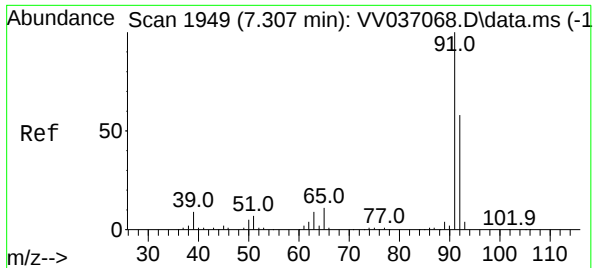
Tgt Ion: 75 Resp: 403514
 Ion Ratio Lower Upper
 75 100
 77 31.3 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 120.842 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. 0.003 min
 Lab File: VV037093.D
 Acq: 27 Aug 2024 17:49

Tgt Ion: 43 Resp: 598928
 Ion Ratio Lower Upper
 43 100
 58 40.6 32.0 48.0
 100 16.0 12.4 18.6





#42

Toluene

Concen: 53.351 ug/L

RT: 7.310 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV037093.D

Acq: 27 Aug 2024 17:49

Instrument :

MSVOA_V

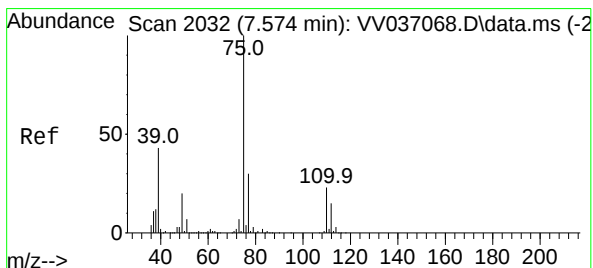
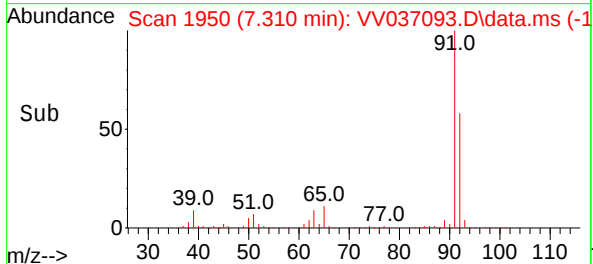
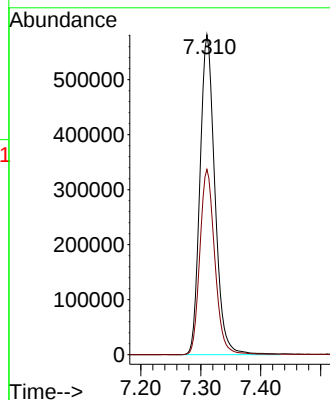
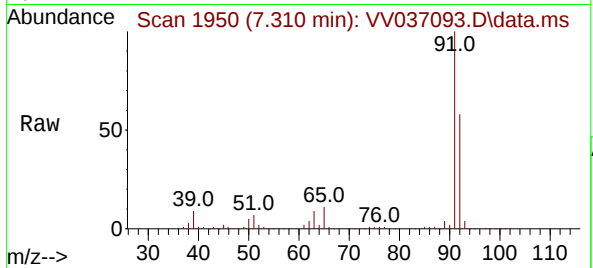
ClientSampleId :

Tgt Ion: 91 Resp: 1010129

Ion Ratio Lower Upper

91 100

92 57.9 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 53.092 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.003 min

Lab File: VV037093.D

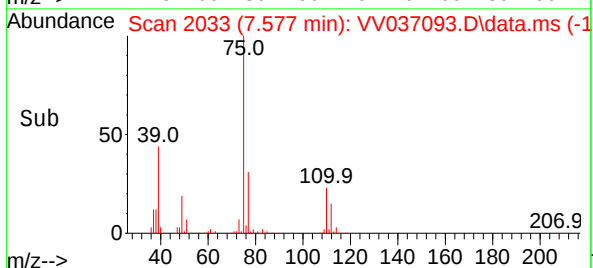
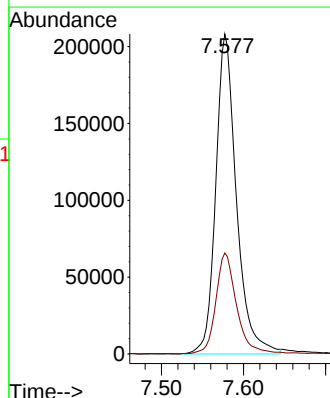
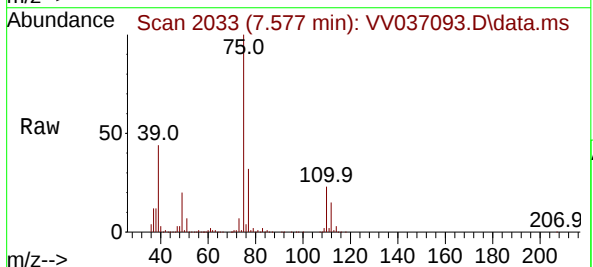
Acq: 27 Aug 2024 17:49

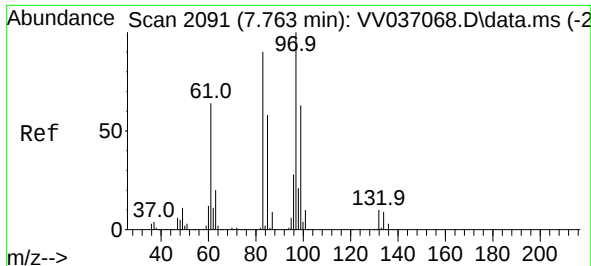
Tgt Ion: 75 Resp: 365096

Ion Ratio Lower Upper

75 100

77 31.6 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 52.622 ug/L

RT: 7.767 min Scan# 2091

Delta R.T. 0.003 min

Lab File: VV037093.D

Acq: 27 Aug 2024 17:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 238813

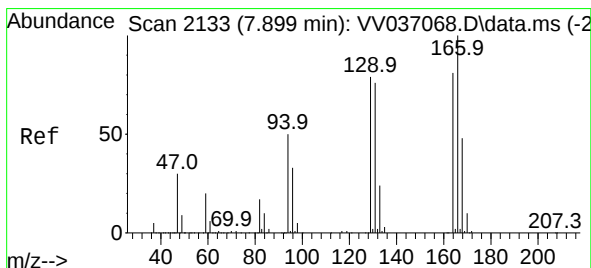
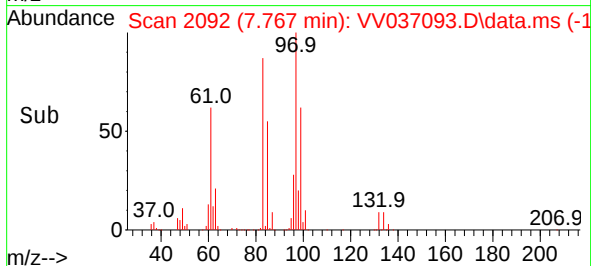
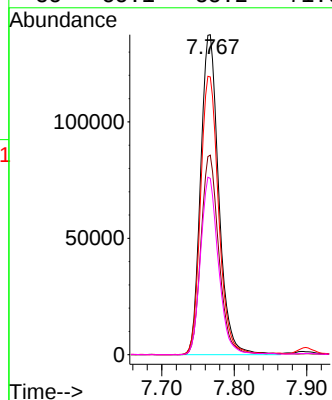
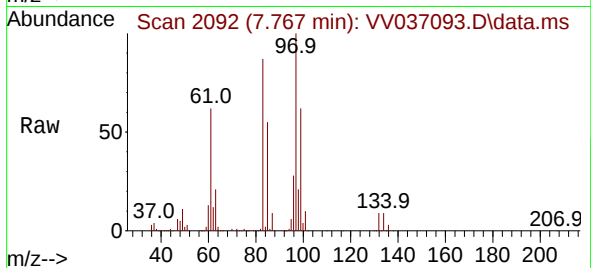
Ion Ratio Lower Upper

97 100

99 62.3 42.6 79.0

83 86.8 60.5 112.3

85 55.1 38.2 71.0



#46

Tetrachloroethene

Concen: 50.948 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.000 min

Lab File: VV037093.D

Acq: 27 Aug 2024 17:49

Tgt Ion: 164 Resp: 175456

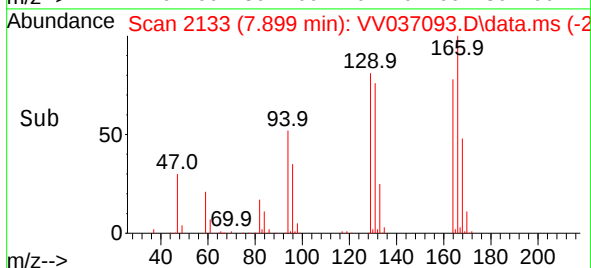
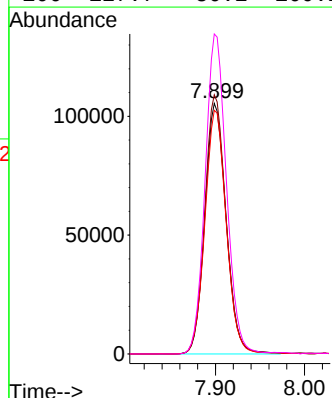
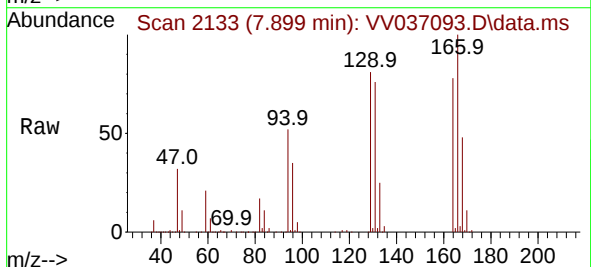
Ion Ratio Lower Upper

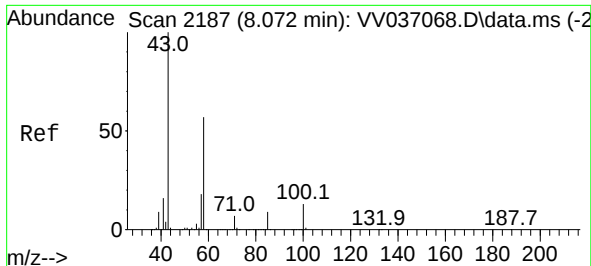
164 100

129 103.5 67.1 124.7

131 97.2 67.0 124.4

166 127.7 86.2 160.2





#48

2-Hexanone

Concen: 113.394 ug/L

RT: 8.075 min Scan# 2187

Delta R.T. 0.003 min

Lab File: VV037093.D

Acq: 27 Aug 2024 17:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 434652

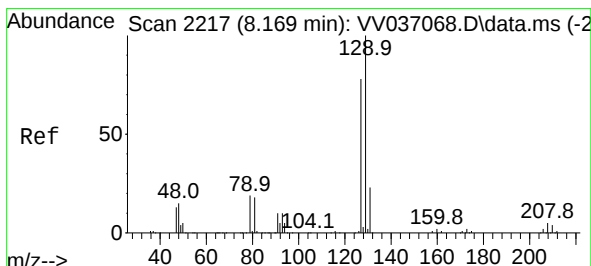
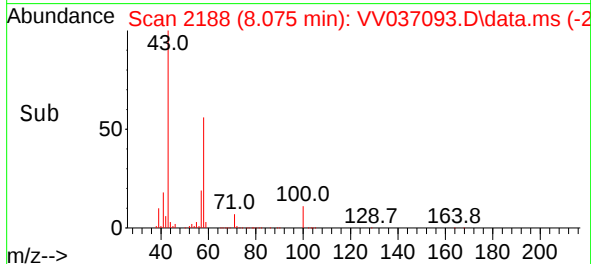
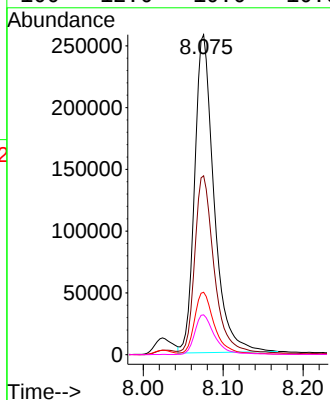
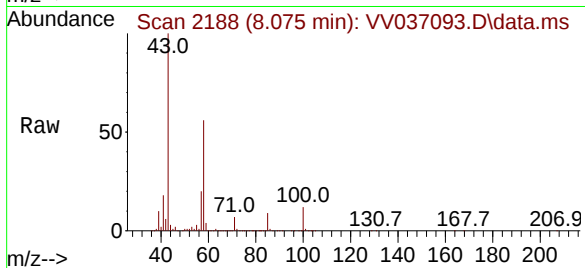
Ion Ratio Lower Upper

43 100

58 57.7 46.0 69.0

57 20.5 15.6 23.4

100 12.6 10.6 16.0



#49

Dibromochloromethane

Concen: 52.042 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.003 min

Lab File: VV037093.D

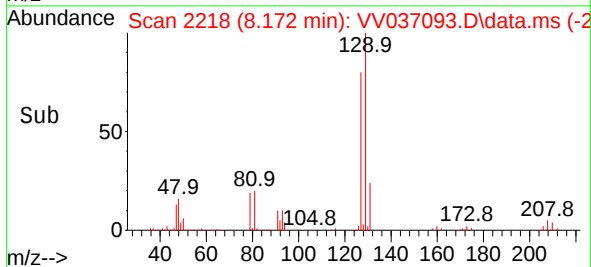
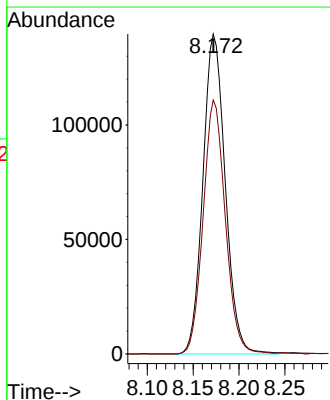
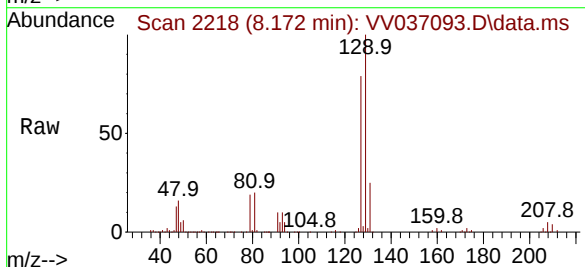
Acq: 27 Aug 2024 17:49

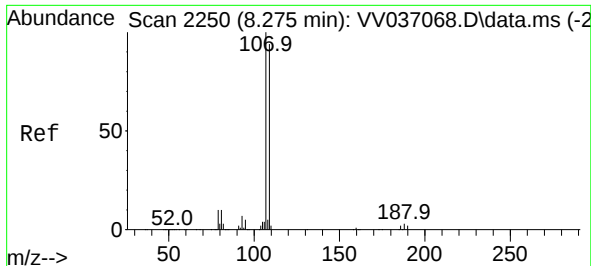
Tgt Ion: 129 Resp: 236488

Ion Ratio Lower Upper

129 100

127 79.3 54.7 101.7

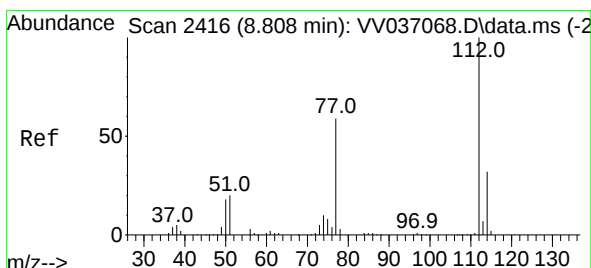
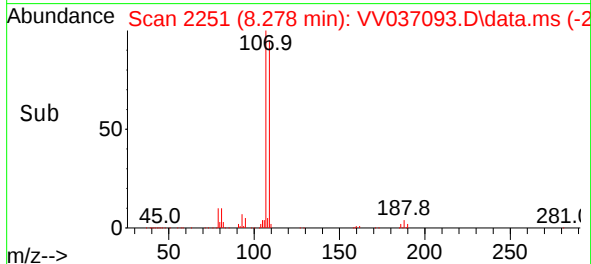
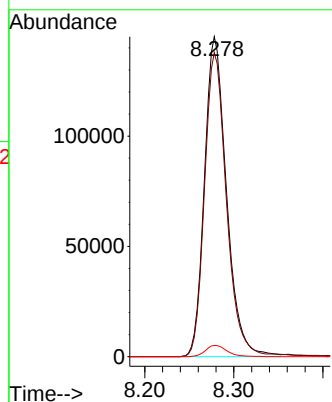
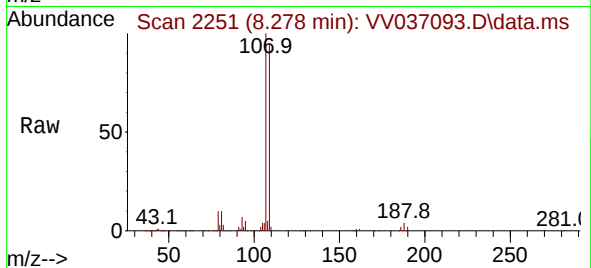




#50
1,2-Dibromoethane
Concen: 54.352 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV037093.D
Acq: 27 Aug 2024 17:49

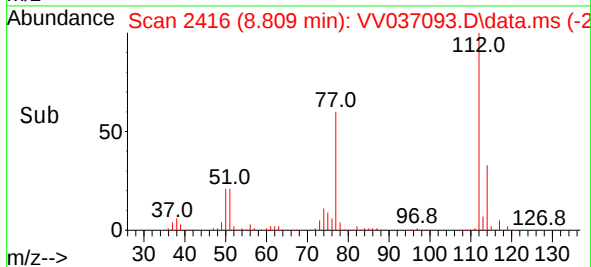
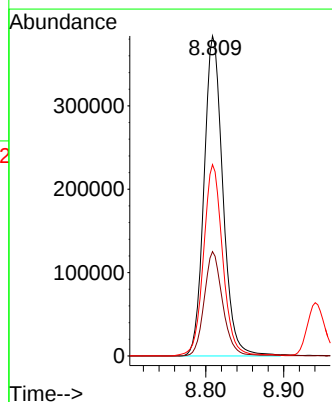
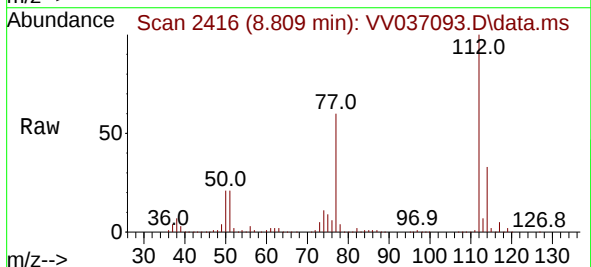
Instrument :
MSVOA_V
ClientSampleId :

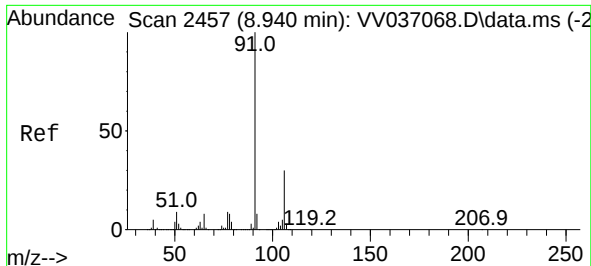
Tgt Ion:107 Resp: 249600
Ion Ratio Lower Upper
107 100
109 95.0 66.6 123.6
188 3.5 2.6 3.8



#51
Chlorobenzene
Concen: 51.504 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV037093.D
Acq: 27 Aug 2024 17:49

Tgt Ion:112 Resp: 645592
Ion Ratio Lower Upper
112 100
114 32.6 22.3 41.5
77 59.8 47.8 71.8





#52

Ethylbenzene

Concen: 53.535 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV037093.D

Acq: 27 Aug 2024 17:49

Instrument :

MSVOA_V

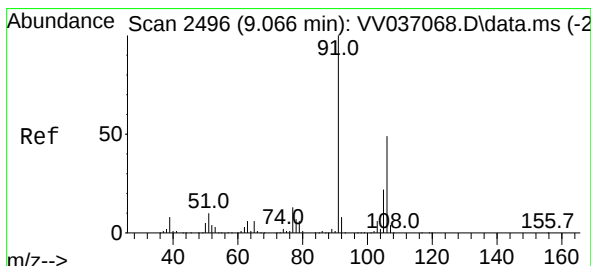
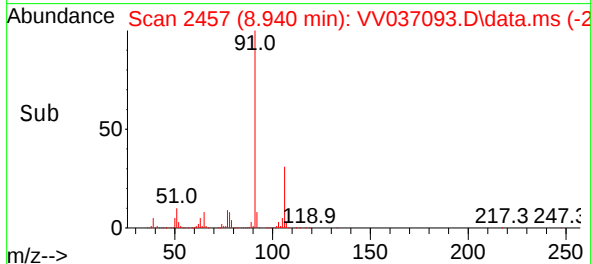
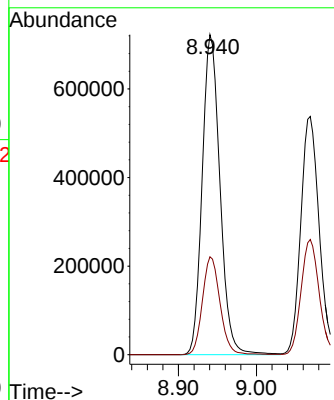
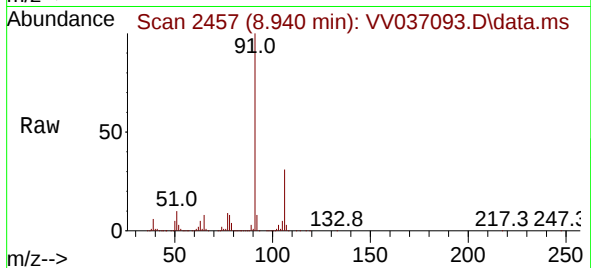
ClientSampleId :

Tgt Ion: 91 Resp: 1144922

Ion Ratio Lower Upper

91 100

106 30.6 21.4 39.8



#53

m,p-Xylene

Concen: 53.060 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.003 min

Lab File: VV037093.D

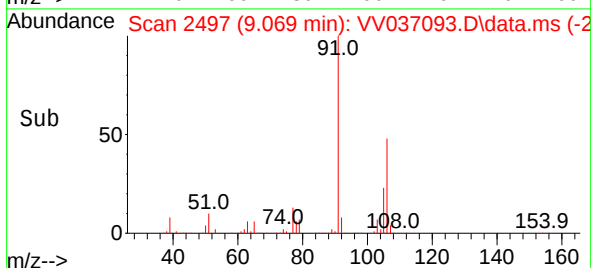
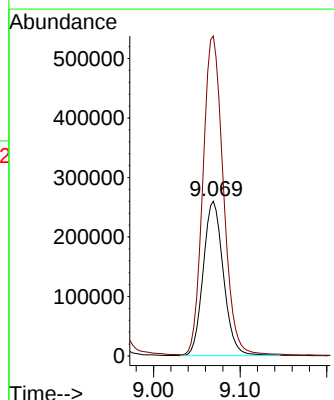
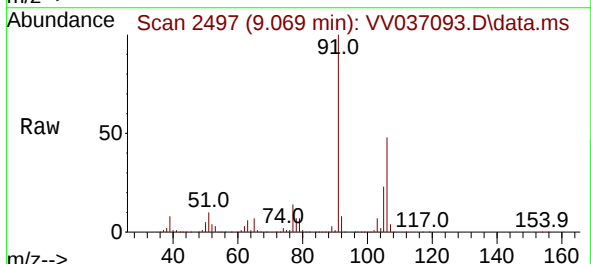
Acq: 27 Aug 2024 17:49

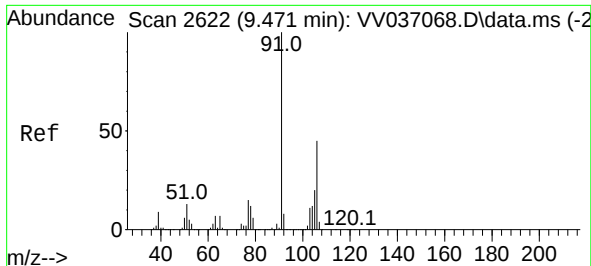
Tgt Ion:106 Resp: 420438

Ion Ratio Lower Upper

106 100

91 206.8 143.0 265.6

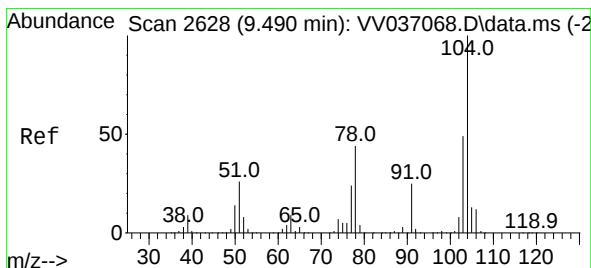
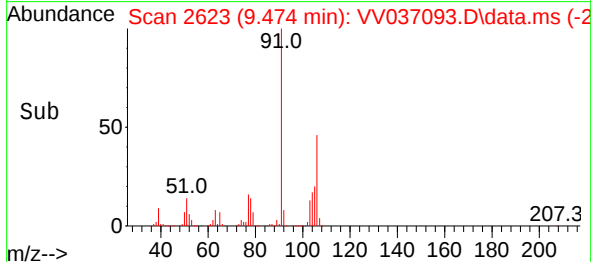
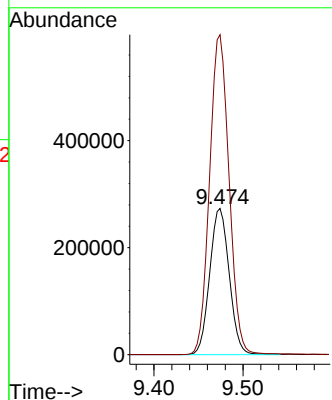
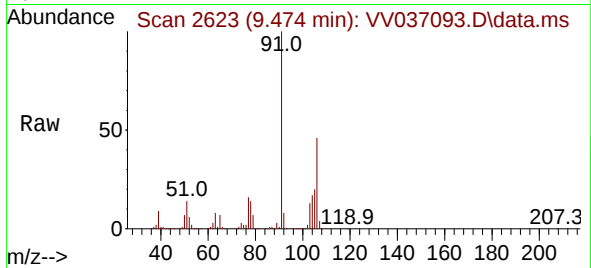




#54
o-Xylene
Concen: 53.477 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.003 min
Lab File: VV037093.D
Acq: 27 Aug 2024 17:49

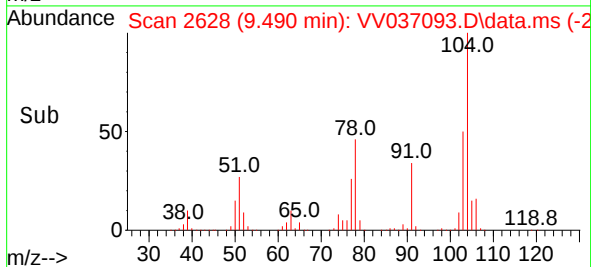
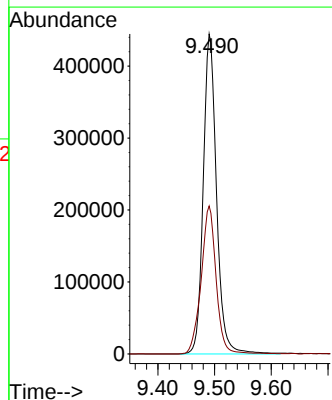
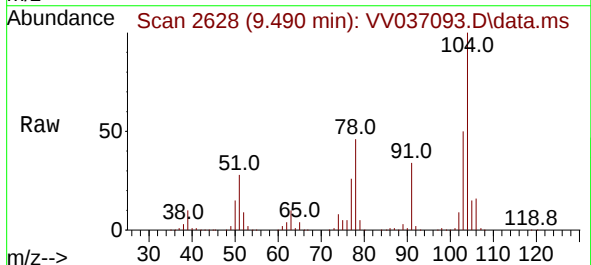
Instrument :
MSVOA_V
ClientSampleId :

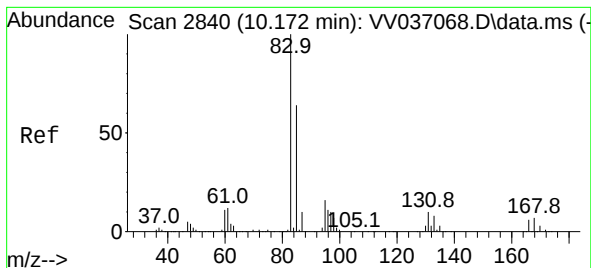
Tgt Ion:106 Resp: 414897
Ion Ratio Lower Upper
106 100
91 218.9 153.2 284.6



#55
Styrene
Concen: 53.731 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV037093.D
Acq: 27 Aug 2024 17:49

Tgt Ion:104 Resp: 723326
Ion Ratio Lower Upper
104 100
78 46.2 30.9 57.5

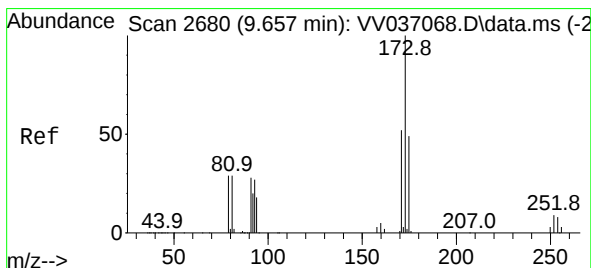
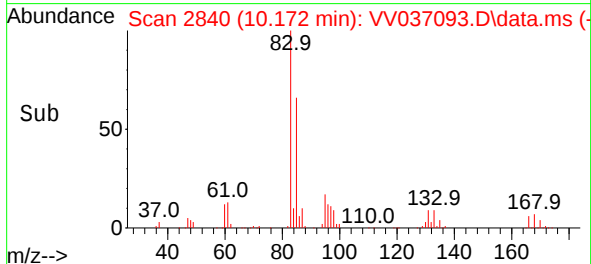
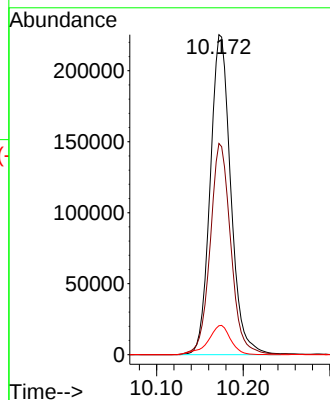
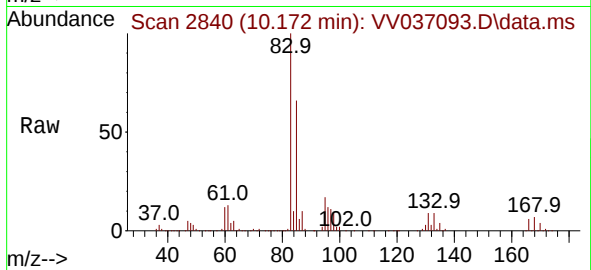




#57
1,1,2,2-Tetrachloroethane
Concen: 55.379 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VV037093.D
Acq: 27 Aug 2024 17:49

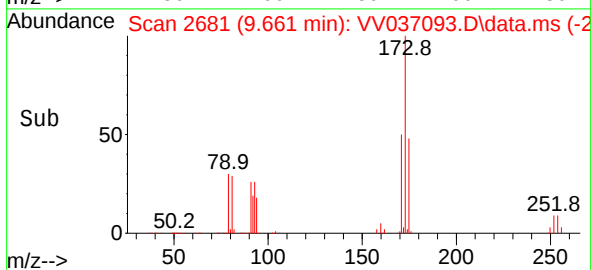
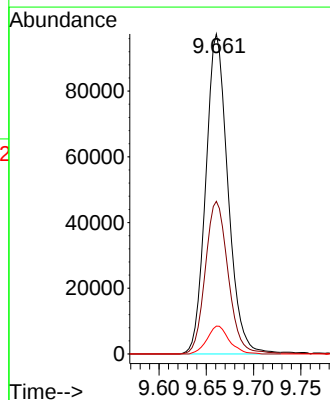
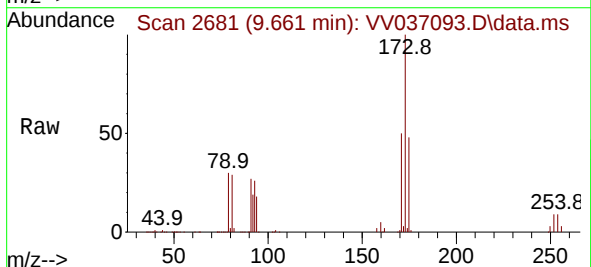
Instrument :
MSVOA_V
ClientSampleId :

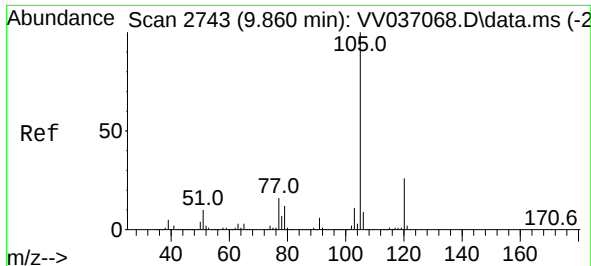
Tgt Ion: 83 Resp: 372221
Ion Ratio Lower Upper
83 100
85 66.0 45.1 83.7
131 9.1 7.4 11.0



#59
Bromoform
Concen: 53.881 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.003 min
Lab File: VV037093.D
Acq: 27 Aug 2024 17:49

Tgt Ion: 173 Resp: 159258
Ion Ratio Lower Upper
173 100
175 49.1 38.7 58.1
254 8.7 6.8 10.2





#60

Isopropylbenzene

Concen: 55.126 ug/L

RT: 9.863 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV037093.D

Acq: 27 Aug 2024 17:49

Instrument :

MSVOA_V

ClientSampleId :

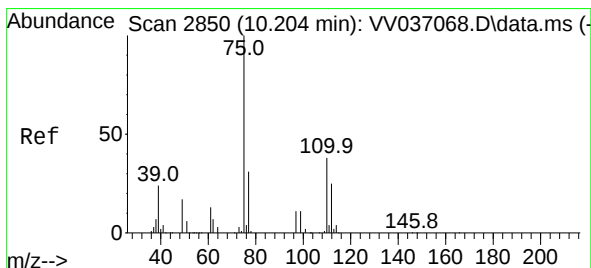
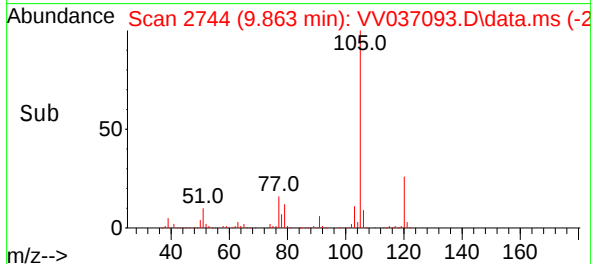
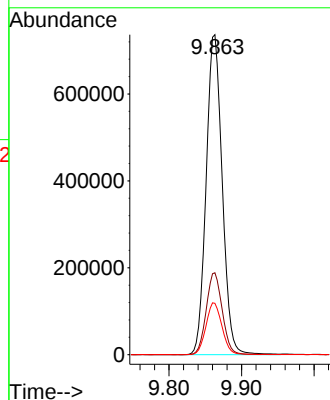
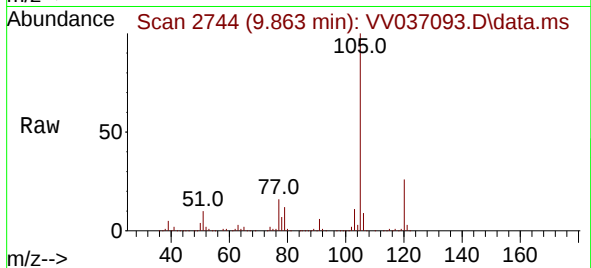
Tgt Ion:105 Resp: 1134370

Ion Ratio Lower Upper

105 100

120 25.5 20.9 31.3

77 16.2 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 57.281 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. 0.000 min

Lab File: VV037093.D

Acq: 27 Aug 2024 17:49

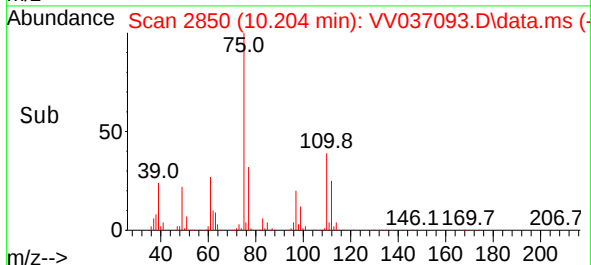
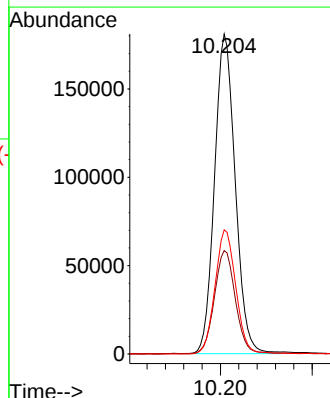
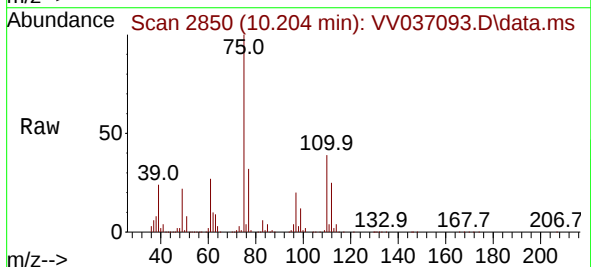
Tgt Ion: 75 Resp: 282843

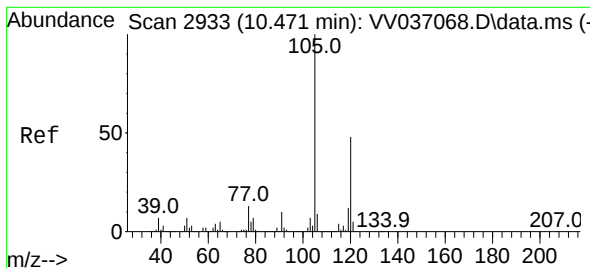
Ion Ratio Lower Upper

75 100

77 32.6 25.2 37.8

110 39.0 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 55.271 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.000 min

Lab File: VV037093.D

Acq: 27 Aug 2024 17:49

Instrument :

MSVOA_V

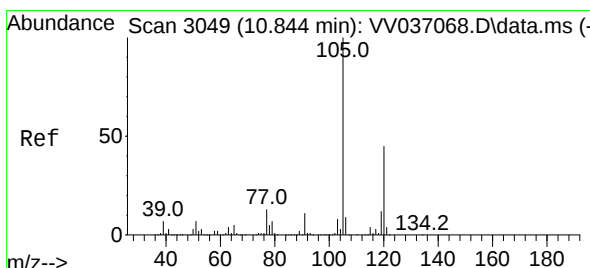
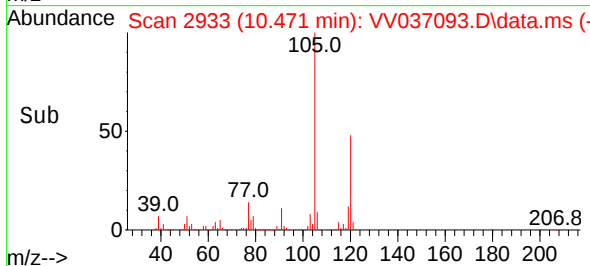
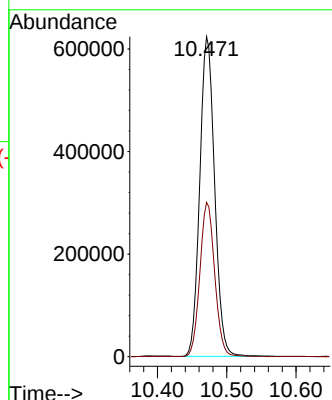
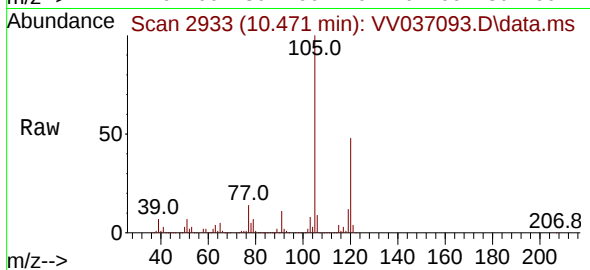
ClientSampleId :

Tgt Ion:105 Resp: 930537

Ion Ratio Lower Upper

105 100

120 48.0 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 55.980 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VV037093.D

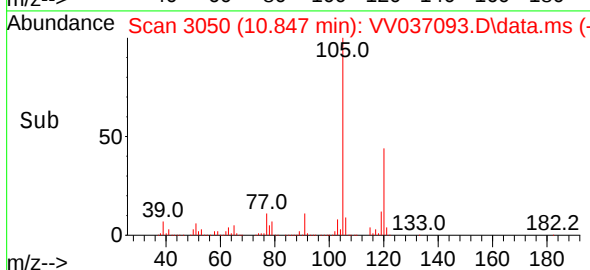
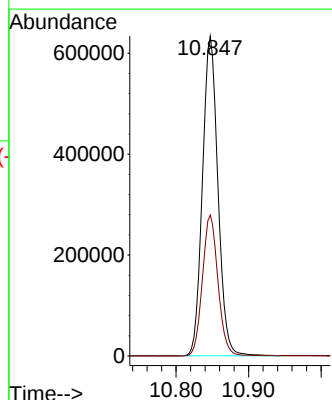
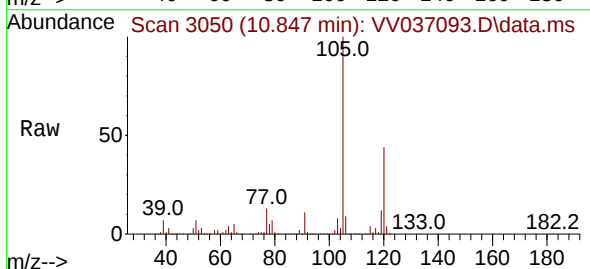
Acq: 27 Aug 2024 17:49

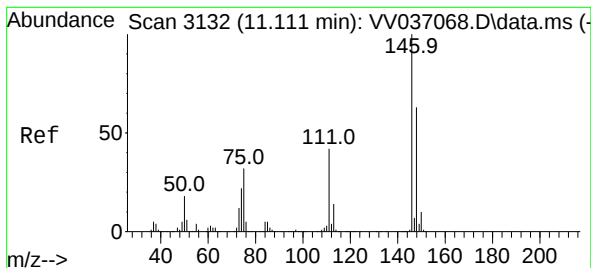
Tgt Ion:105 Resp: 940550

Ion Ratio Lower Upper

105 100

120 44.3 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 52.285 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037093.D

Acq: 27 Aug 2024 17:49

Instrument :

MSVOA_V

ClientSampleId :

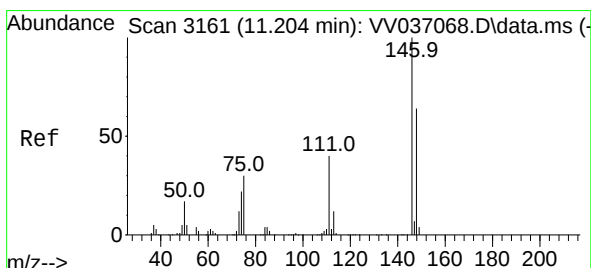
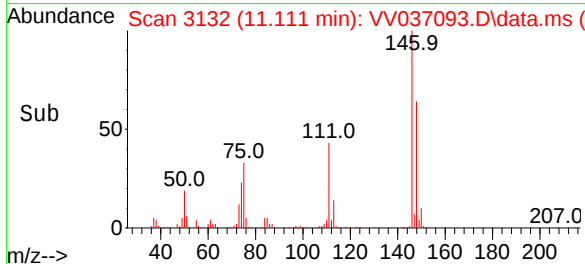
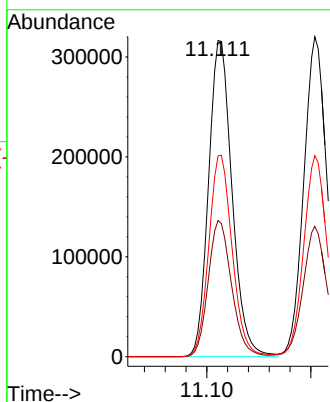
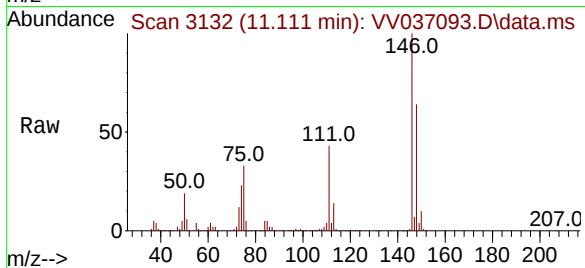
Tgt Ion:146 Resp: 496815

Ion Ratio Lower Upper

146 100

111 43.1 29.7 55.1

148 63.5 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 52.037 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV037093.D

Acq: 27 Aug 2024 17:49

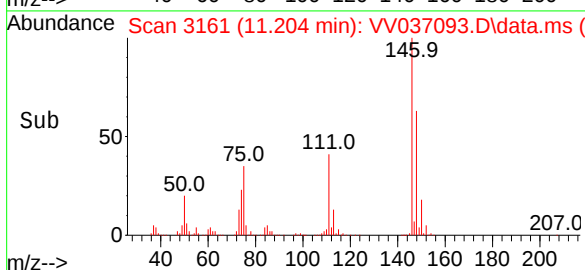
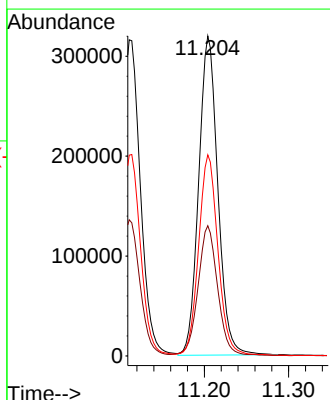
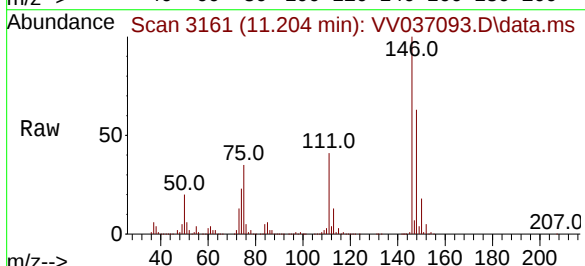
Tgt Ion:146 Resp: 506080

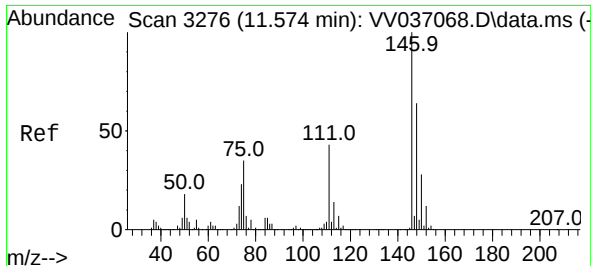
Ion Ratio Lower Upper

146 100

111 40.7 28.1 52.1

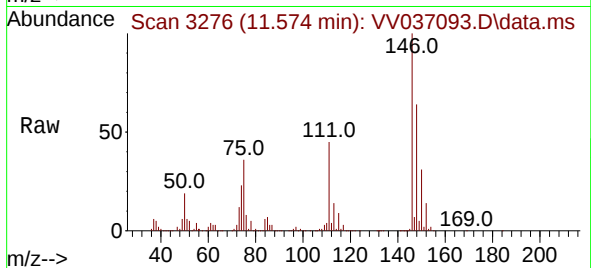
148 62.9 44.2 82.0



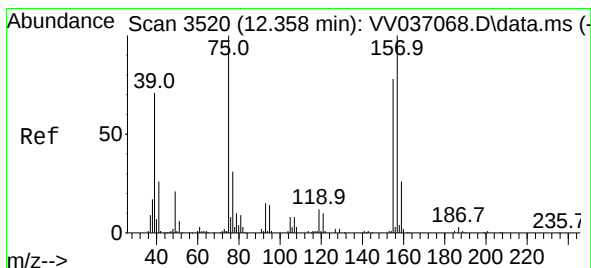
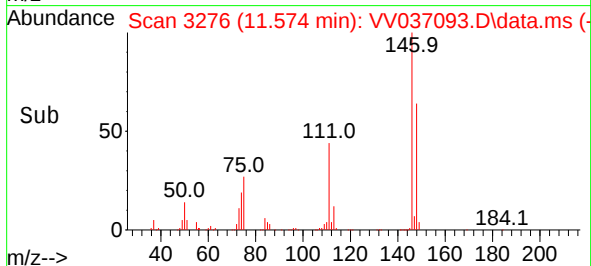
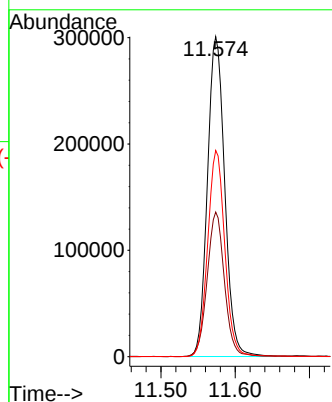


#67
1,2-Dichlorobenzene
Concen: 51.947 ug/L
RT: 11.574 min Scan# 3276
Delta R.T. 0.000 min
Lab File: VV037093.D
Acq: 27 Aug 2024 17:49

Instrument :
MSVOA_V
ClientSampleId :

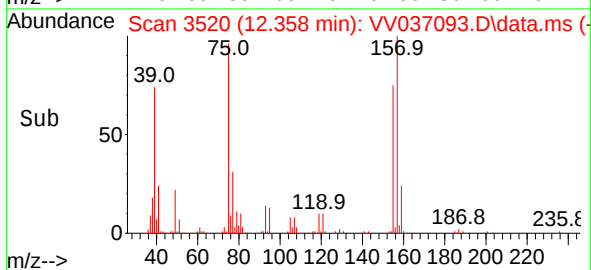
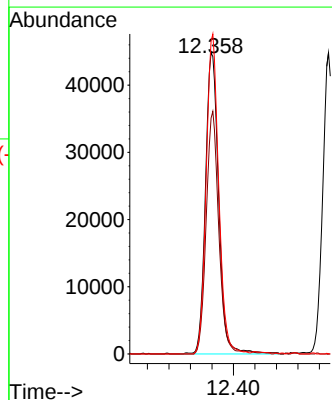
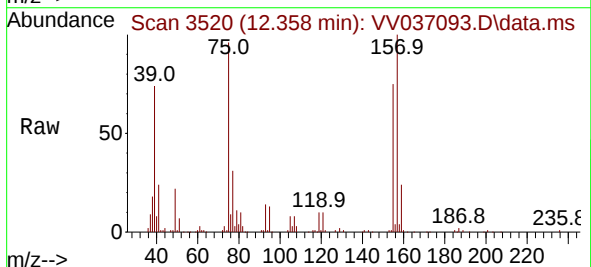


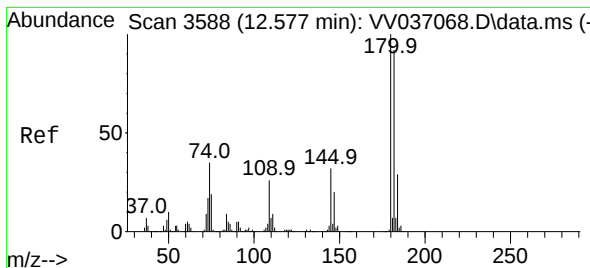
Tgt Ion:146 Resp: 485344
Ion Ratio Lower Upper
146 100
111 45.2 34.6 51.8
148 64.5 50.2 75.4



#68
1,2-Dibromo-3-chloropropane
Concen: 62.126 ug/L
RT: 12.358 min Scan# 3520
Delta R.T. 0.000 min
Lab File: VV037093.D
Acq: 27 Aug 2024 17:49

Tgt Ion: 75 Resp: 76503
Ion Ratio Lower Upper
75 100
155 78.4 61.8 92.6
157 103.9 82.5 123.7





#69

1,3,5-Trichlorobenzene

Concen: 52.093 ug/L

RT: 12.577 min Scan# 3

Delta R.T. 0.000 min

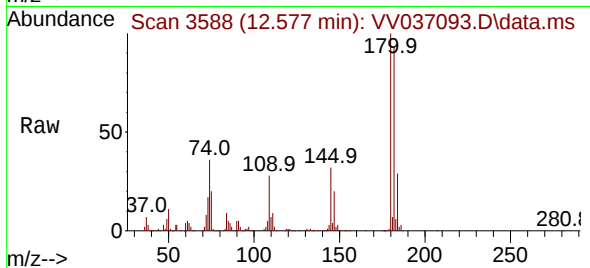
Lab File: VV037093.D

Acq: 27 Aug 2024 17:49

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 344421

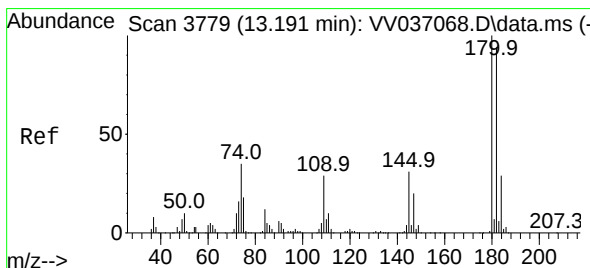
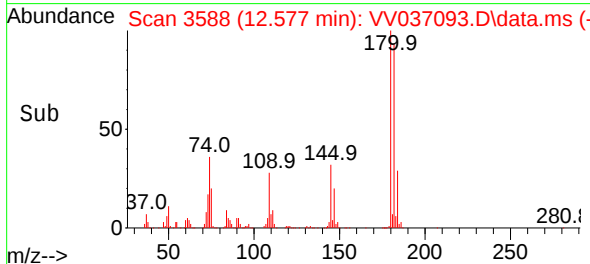
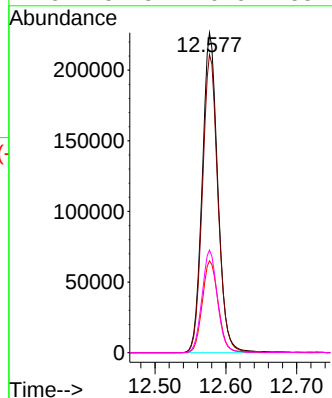
Ion Ratio Lower Upper

180 100

182 93.2 76.7 115.1

184 29.5 24.2 36.2

145 31.8 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 53.490 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.003 min

Lab File: VV037093.D

Acq: 27 Aug 2024 17:49

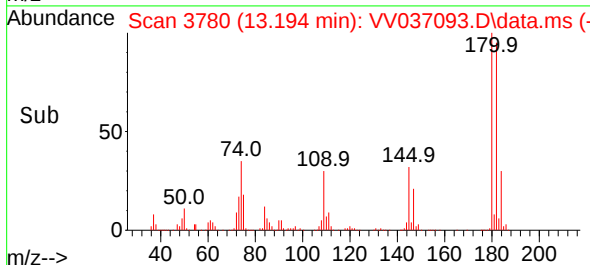
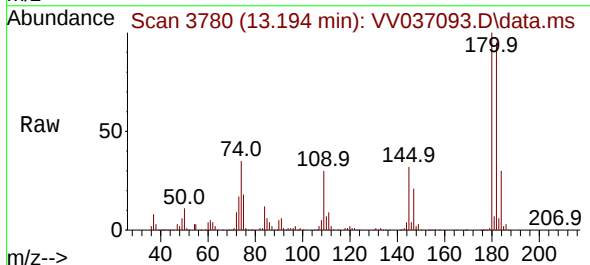
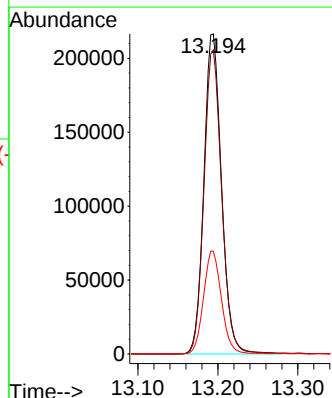
Tgt Ion:180 Resp: 333021

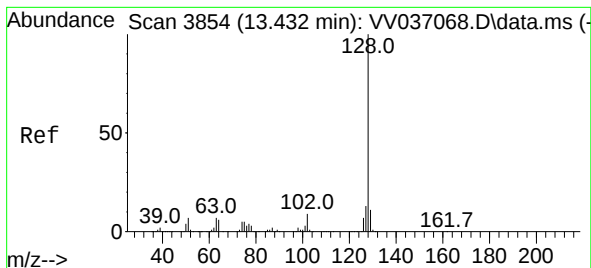
Ion Ratio Lower Upper

180 100

182 95.1 75.7 113.5

145 32.6 26.0 39.0





#71

Naphthalene

Concen: 62.246 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV037093.D

Acq: 27 Aug 2024 17:49

Instrument :

MSVOA_V

ClientSampleId :

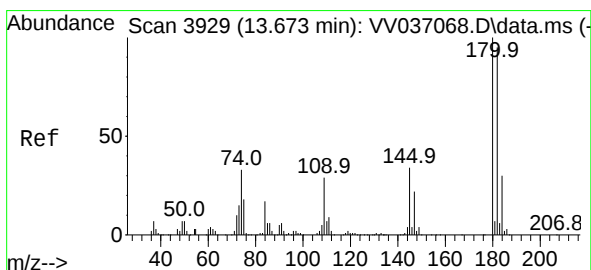
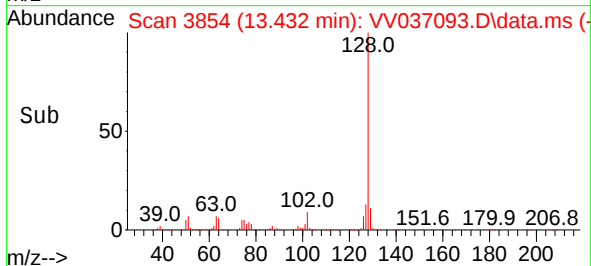
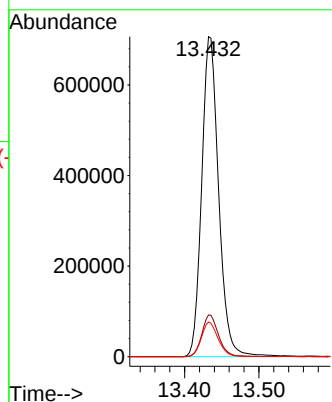
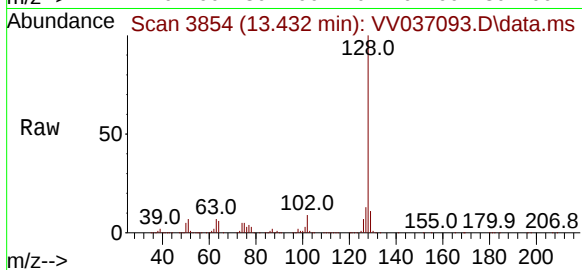
Tgt Ion:128 Resp: 1119036

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.7 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 53.581 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037093.D

Acq: 27 Aug 2024 17:49

Tgt Ion:180 Resp: 328738

Ion Ratio Lower Upper

180 100

182 94.3 75.1 112.7

145 35.1 27.0 40.4

