

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082924\
 Data File : VV037166.D
 Acq On : 29 Aug 2024 18:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 29 23:45:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 29 23:38:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	581615	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	566896	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	289996	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	207550	39.010	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.020%
7) Chloroethane-d5	1.529	69	177052	43.058	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.120%
11) 1,1-Dichloroethene-d2	2.056	65	95353	42.641	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.280%
21) 2-Butanone-d5	3.793	46	215369	104.532	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.530%
24) Chloroform-d	4.243	84	404237	48.546	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.100%
26) 1,2-Dichloroethane-d4	4.937	65	249647	47.608	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.220%
32) Benzene-d6	4.953	84	781014	45.613	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.220%
36) 1,2-Dichloropropane-d6	5.986	67	251898	46.970	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.940%
41) Toluene-d8	7.236	98	701036	45.365	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.740%
43) trans-1,3-Dichloroprop...	7.551	79	112904	45.505	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.000%
47) 2-Hexanone-d5	8.024	63	153096	104.598	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.600%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	330615	50.830	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.660%
66) 1,2-Dichlorobenzene-d4	11.554	152	269615	46.421	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	253928	51.665	ug/L	100
3) Chloromethane	1.217	50	255436	46.213	ug/L	99
5) Vinyl chloride	1.282	62	273503	52.709	ug/L	100
6) Bromomethane	1.484	94	152432	52.426	ug/L	99
8) Chloroethane	1.548	64	175494	55.293	ug/L	97
9) Trichlorofluoromethane	1.712	101	362146	53.481	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	218559	54.265	ug/L	99
12) 1,1-Dichloroethene	2.069	96	200259	52.776	ug/L	93
13) Acetone	2.111	43	169118	76.536	ug/L	100
14) Carbon disulfide	2.236	76	561808	48.771	ug/L	98
15) Methyl Acetate	2.372	43	214995	58.036	ug/L	100
16) Methylene chloride	2.442	84	234664	54.812	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	214577	54.473	ug/L	96
18) Methyl tert-butyl Ether	2.706	73	676819	54.620	ug/L	100
19) 1,1-Dichloroethane	3.105	63	425470	54.388	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	229259	52.669	ug/L	98
22) 2-Butanone	3.876	43	233274	95.885	ug/L	99
23) Bromochloromethane	4.140	128	114017	53.361	ug/L	94
25) Chloroform	4.269	83	417070	52.643	ug/L	99

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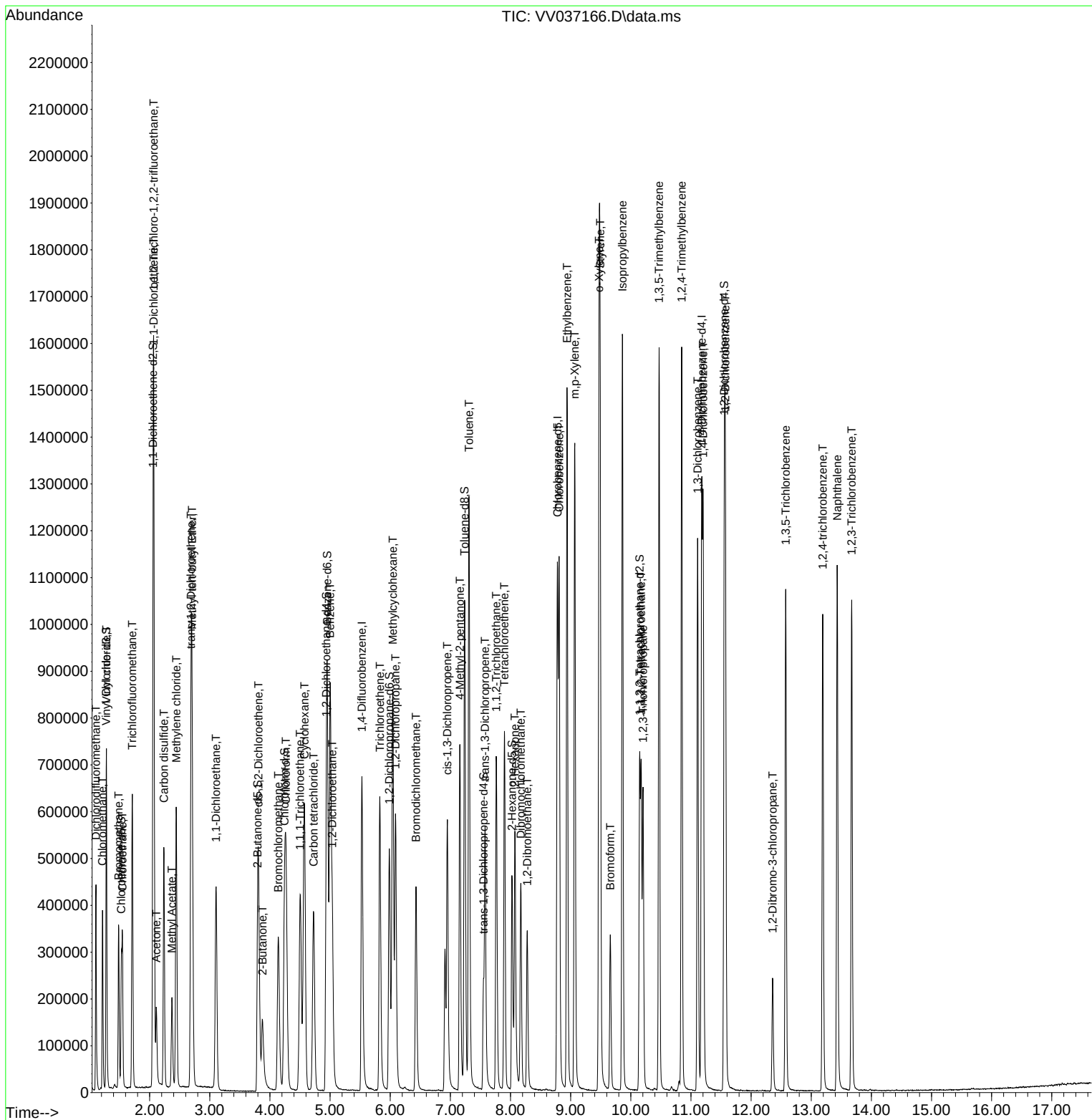
Instrument :
 MSVOA_V
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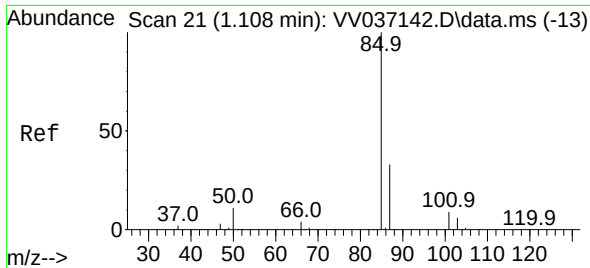
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 Quant Title : VOC Analysis
 QLast Update : Thu Aug 29 23:38:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	315494	54.287	ug/L	99
29) Cyclohexane	4.574	56	337569	50.645	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	345414	52.954	ug/L	99
31) Carbon tetrachloride	4.725	117	289232	52.549	ug/L	99
33) Benzene	5.002	78	880517	53.821	ug/L	100
34) Trichloroethene	5.828	95	224053	51.886	ug/L	97
35) Methylcyclohexane	6.043	83	360308	51.356	ug/L	98
37) 1,2-Dichloropropane	6.088	63	235015	53.583	ug/L	99
38) Bromodichloromethane	6.429	83	296910	52.817	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	360665	52.108	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	500409	112.224	ug/L	99
42) Toluene	7.310	91	925850	54.353	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	317308	51.289	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	224901	55.084	ug/L	99
46) Tetrachloroethene	7.899	164	162407	52.418	ug/L	98
48) 2-Hexanone	8.072	43	354733	102.865	ug/L	99
49) Dibromochloromethane	8.172	129	214581	52.487	ug/L	99
50) 1,2-Dibromoethane	8.278	107	225898	54.676	ug/L	100
51) Chlorobenzene	8.809	112	595060	52.767	ug/L	99
52) Ethylbenzene	8.940	91	1033058	53.692	ug/L	99
53) m,p-Xylene	9.069	106	383445	53.788	ug/L	98
54) o-Xylene	9.474	106	370923	53.141	ug/L	99
55) Styrene	9.490	104	661151	54.589	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	331707	54.855	ug/L	99
59) Bromoform	9.661	173	138534	51.301	ug/L	100
60) Isopropylbenzene	9.863	105	1002287	53.313	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	249426	55.290	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	817629	53.156	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	820517	53.453	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	449657	51.797	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	461916	51.987	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	450523	52.780	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	59204	52.624	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	304916	50.479	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	285231	50.146	ug/L	100
71) Naphthalene	13.432	128	885332	53.903	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	291368	51.980	ug/L	100

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

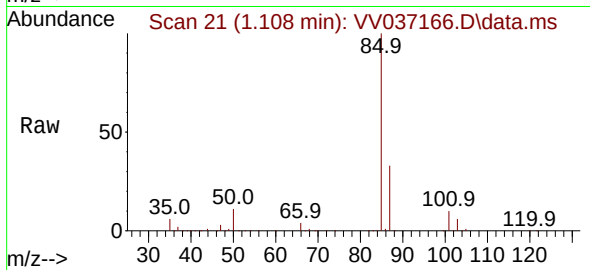
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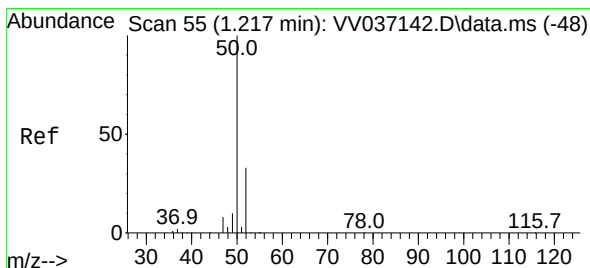
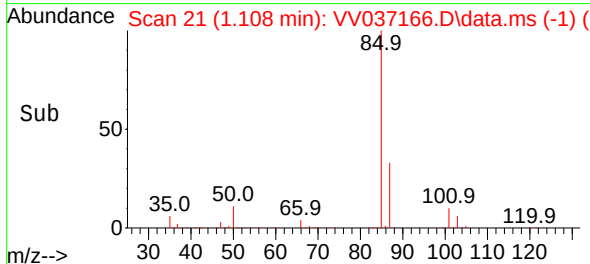
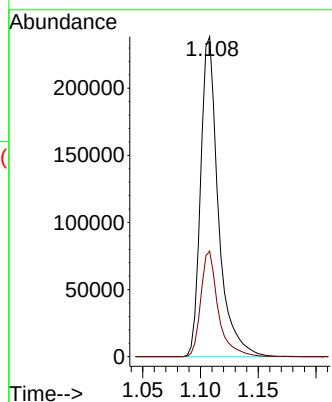


#2
 Dichlorodifluoromethane
 Concen: 51.665 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV037166.D
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 MSVOA_V
 ClientSampleId :

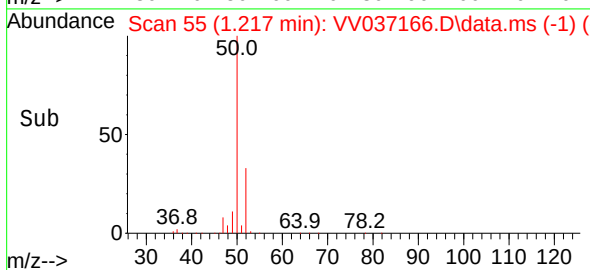
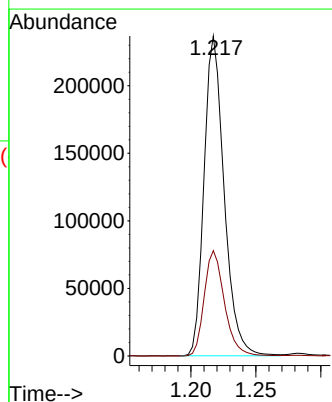
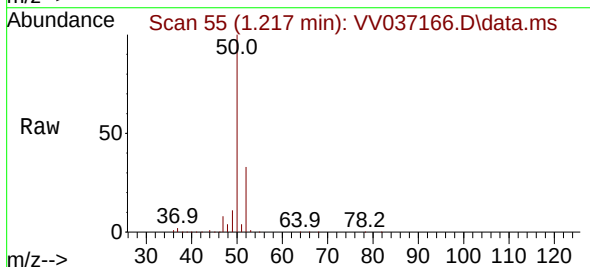


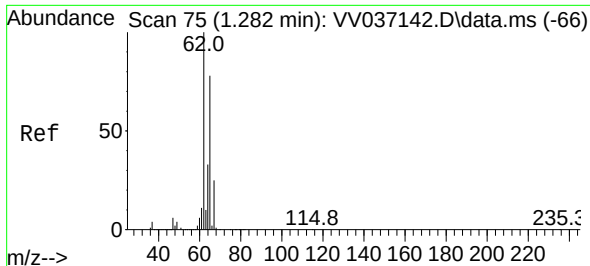
Tgt Ion: 85 Resp: 253928
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.9 38.9



#3
 Chloromethane
 Concen: 46.213 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV037166.D
 Acq: 29 Aug 2024 18:23

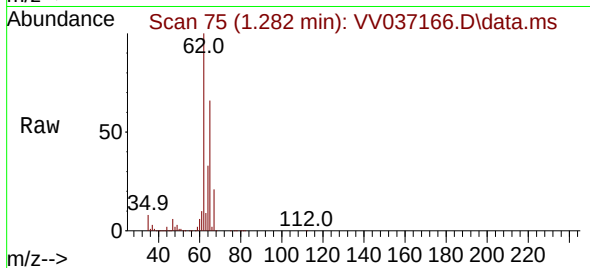
Tgt Ion: 50 Resp: 255436
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.5 41.9



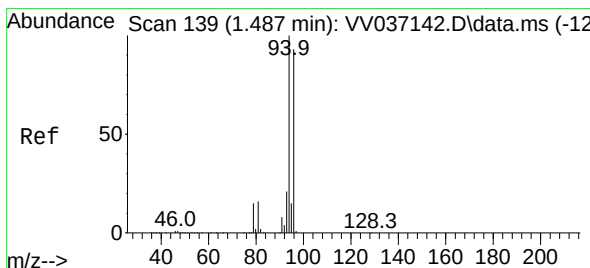
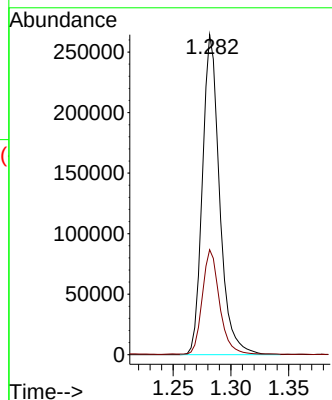
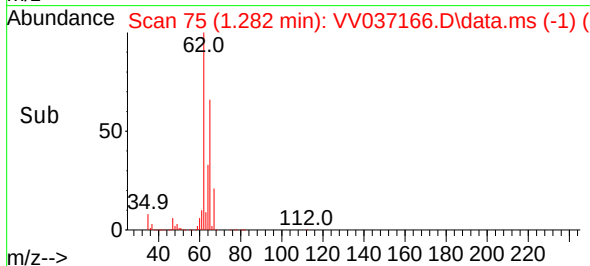


#5
 Vinyl chloride
 Concen: 52.709 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV037166.D
 Acq: 29 Aug 2024 18:23

Instrument :
 MSVOA_V
 ClientSampleId :

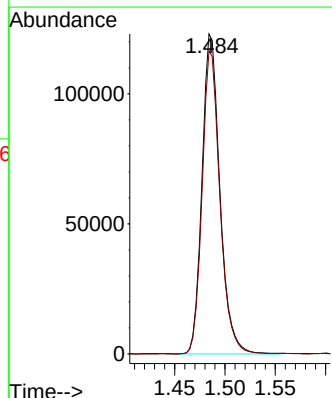
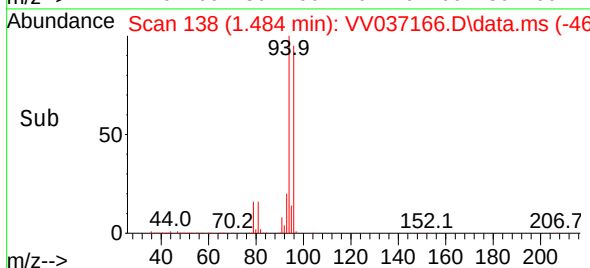
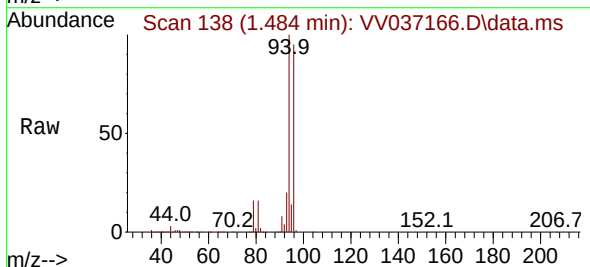


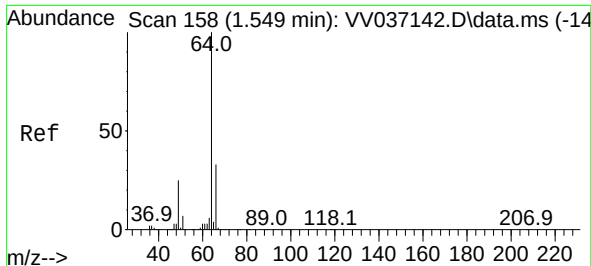
Tgt Ion: 62 Resp: 273503
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.8 42.4



#6
 Bromomethane
 Concen: 52.426 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV037166.D
 Acq: 29 Aug 2024 18:23

Tgt Ion: 94 Resp: 152432
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.6 121.8

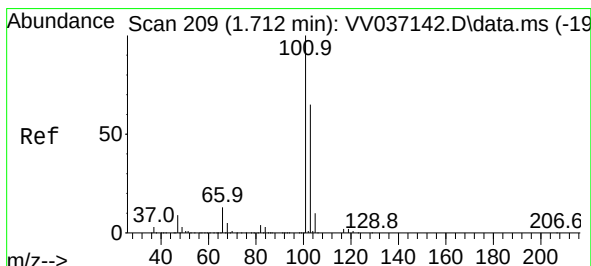
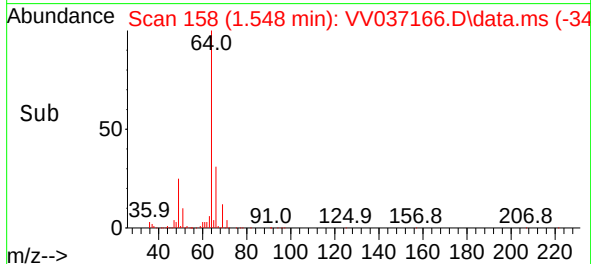
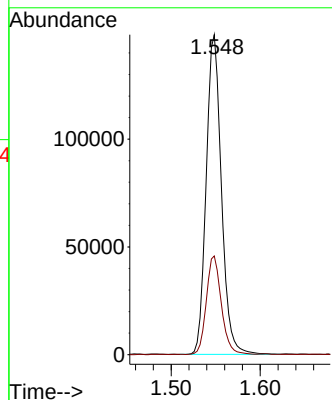
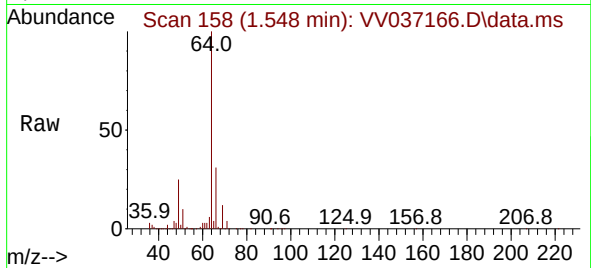




#8
Chloroethane
Concen: 55.293 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV037166.D
Acq: 29 Aug 2024 18:23

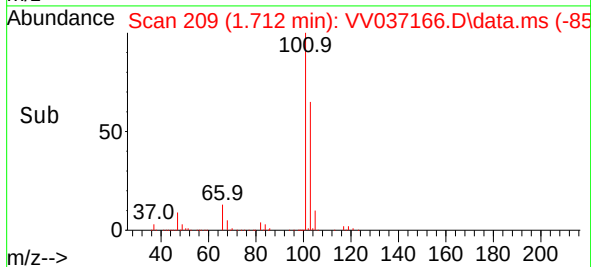
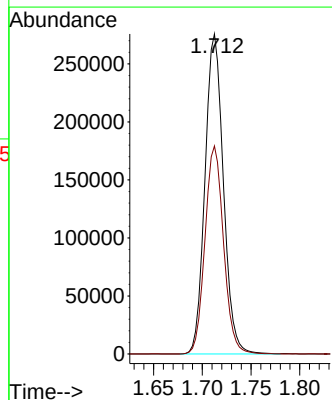
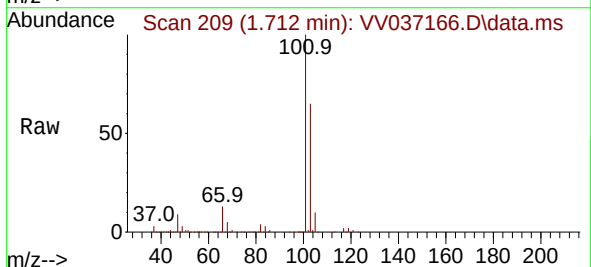
Instrument :
MSVOA_V
ClientSampleId :

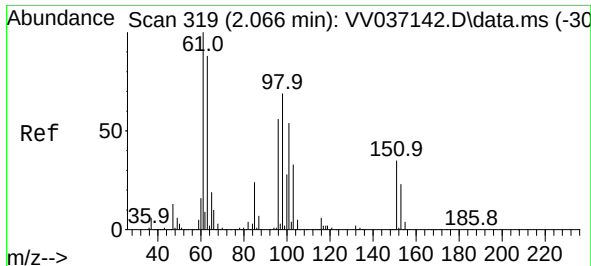
Tgt Ion: 64 Resp: 175494
Ion Ratio Lower Upper
64 100
66 30.9 22.8 42.4



#9
Trichlorofluoromethane
Concen: 53.481 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV037166.D
Acq: 29 Aug 2024 18:23

Tgt Ion:101 Resp: 362146
Ion Ratio Lower Upper
101 100
103 65.7 51.7 77.5





#10

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

Concen: 54.265 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.000 min

Lab File: VV037166.D

Acq: 29 Aug 2024 18:23

Instrument :

MSVOA_V

ClientSampleId :

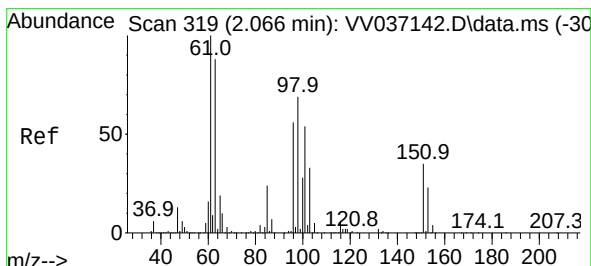
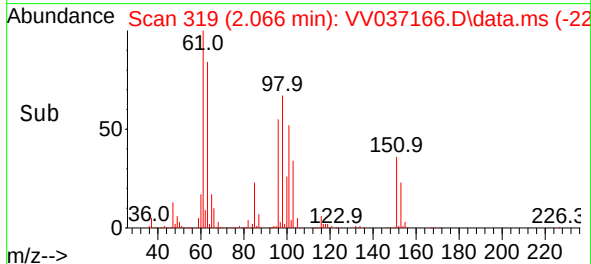
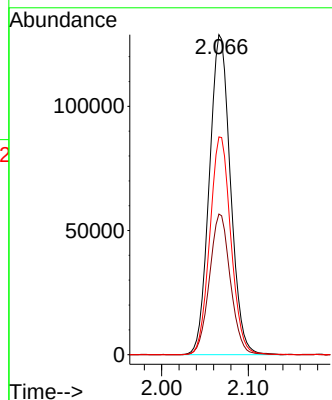
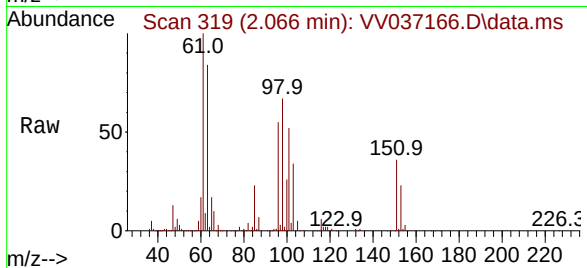
Tgt Ion:101 Resp: 218559

Ion Ratio Lower Upper

101 100

85 43.5 35.6 53.4

151 67.8 55.0 82.4



#12

1,1-Dichloroethene

Concen: 52.776 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.003 min

Lab File: VV037166.D

Acq: 29 Aug 2024 18:23

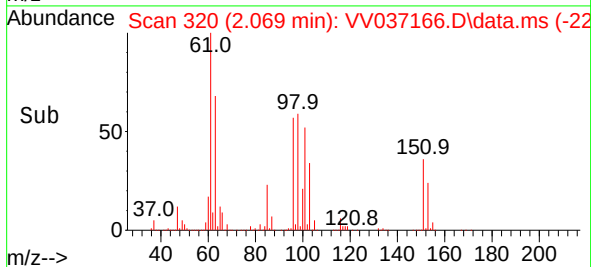
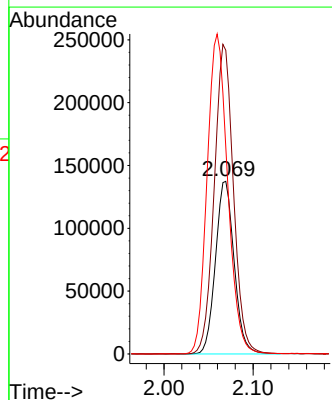
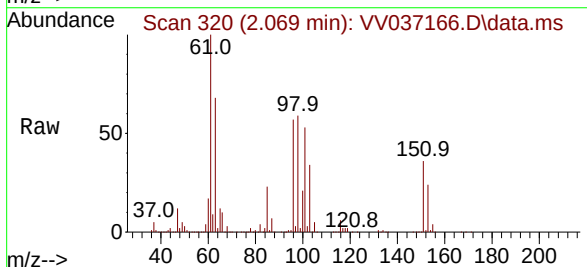
Tgt Ion: 96 Resp: 200259

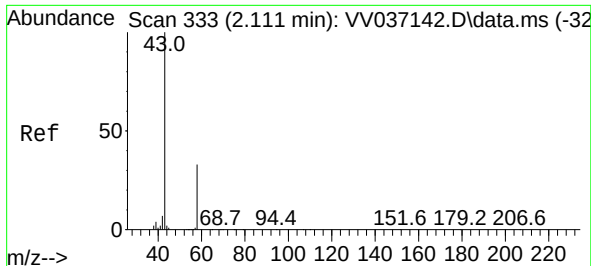
Ion Ratio Lower Upper

96 100

61 175.9 123.8 229.8

63 119.7 96.5 179.1





#13

Acetone

Concen: 76.536 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV037166.D

Acq: 29 Aug 2024 18:23

Instrument :

MSVOA_V

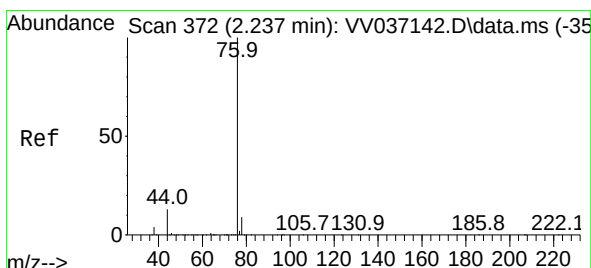
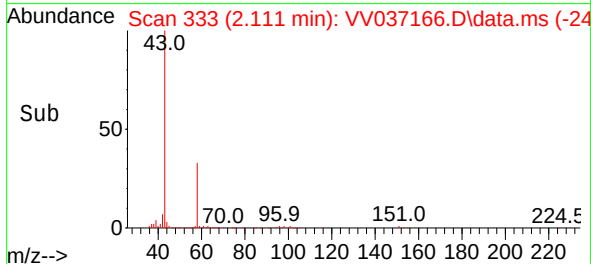
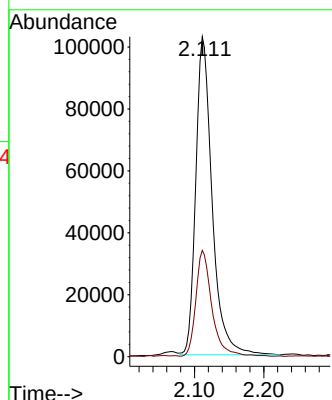
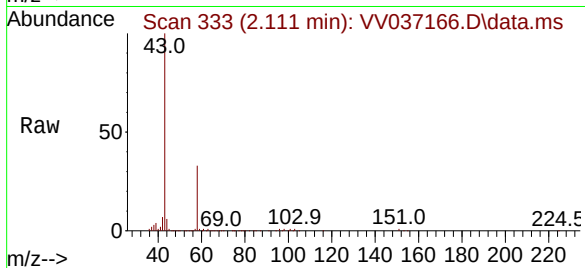
ClientSampleId :

Tgt Ion: 43 Resp: 169118

Ion Ratio Lower Upper

43 100

58 32.2 0.0 64.8



#14

Carbon disulfide

Concen: 48.771 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.000 min

Lab File: VV037166.D

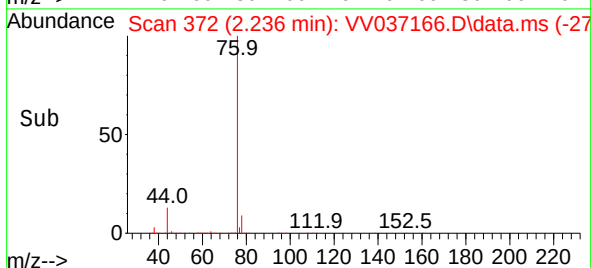
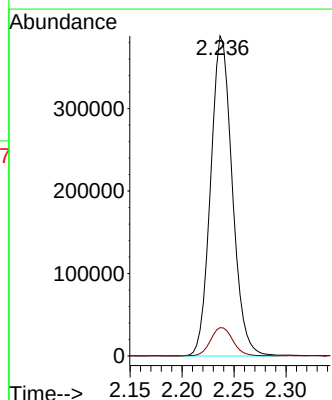
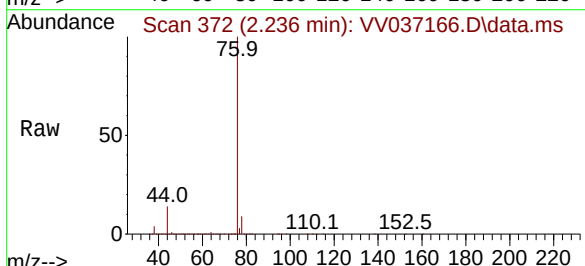
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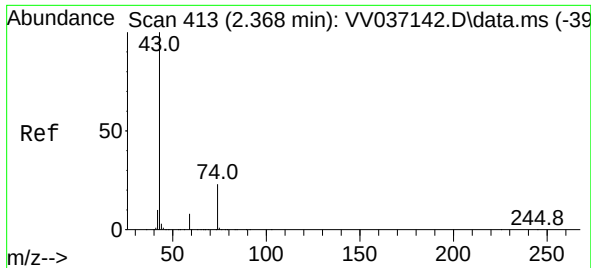
Tgt Ion: 76 Resp: 561808

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3

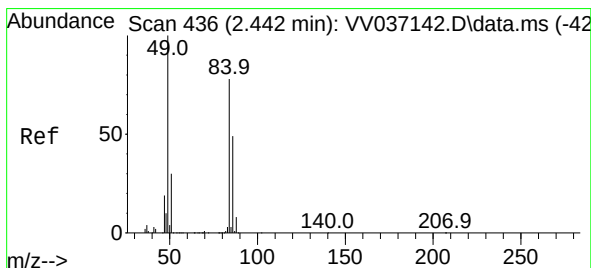
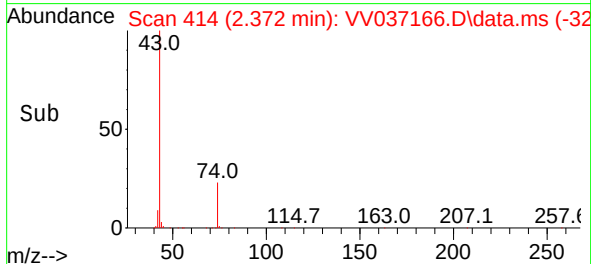
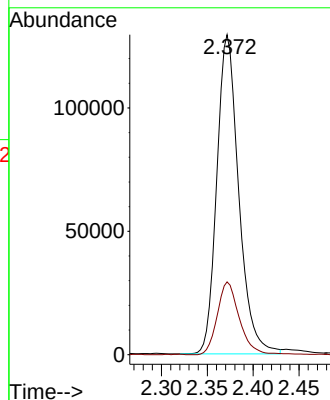
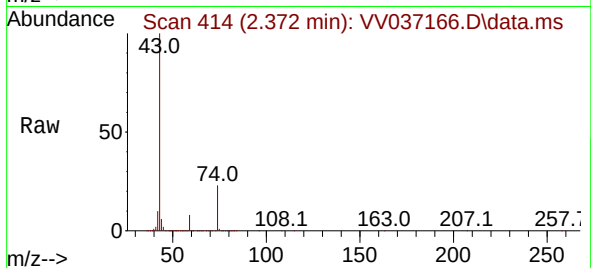




#15
Methyl Acetate
Concen: 58.036 ug/L
RT: 2.372 min Scan# 413
Delta R.T. 0.003 min
Lab File: VV037166.D
Acq: 29 Aug 2024 18:23

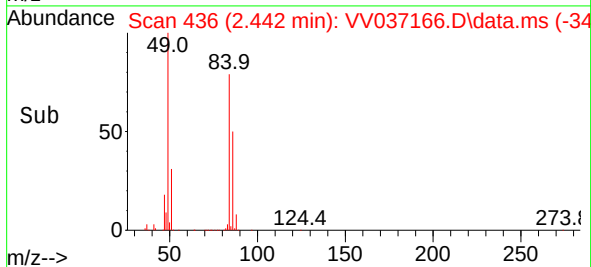
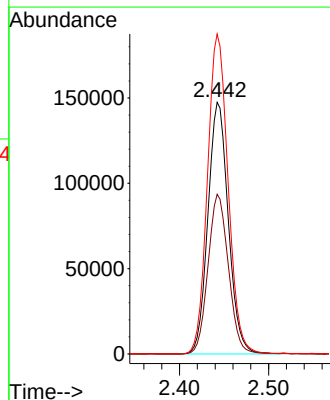
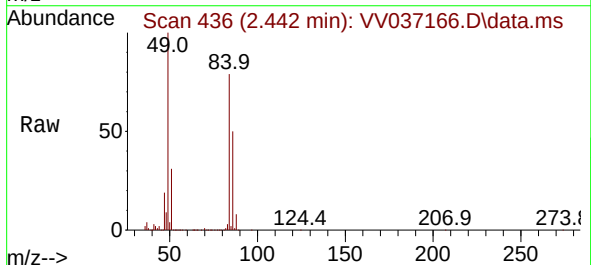
Instrument :
MSVOA_V
ClientSampleId :

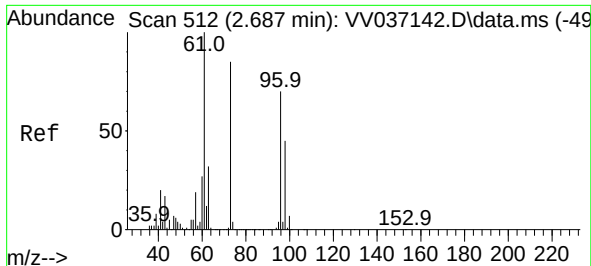
Tgt Ion: 43 Resp: 214995
Ion Ratio Lower Upper
43 100
74 22.9 18.4 27.6



#16
Methylene chloride
Concen: 54.812 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.000 min
Lab File: VV037166.D
Acq: 29 Aug 2024 18:23

Tgt Ion: 84 Resp: 234664
Ion Ratio Lower Upper
84 100
86 63.5 44.7 82.9
49 127.1 91.4 169.8

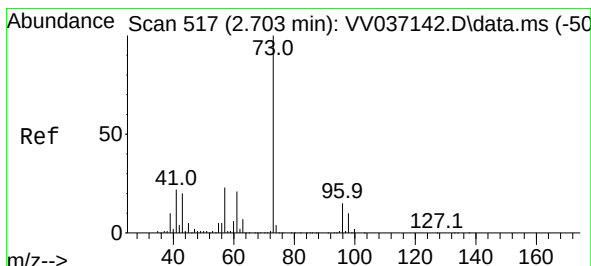
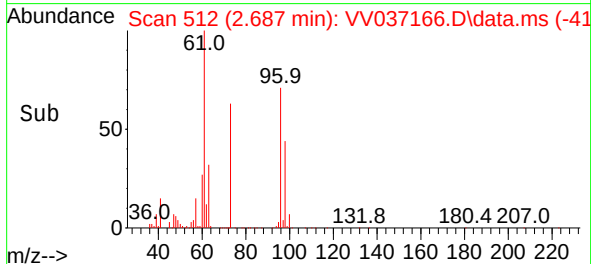
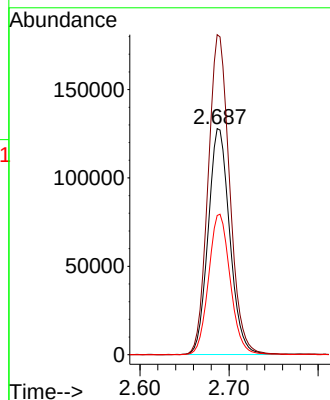
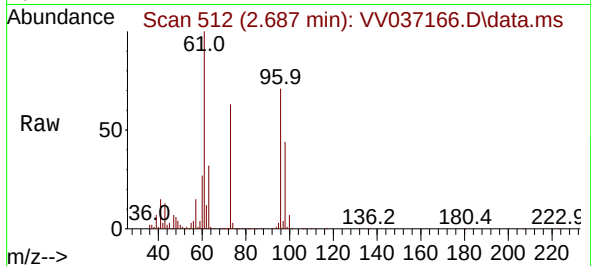




#17
trans-1,2-Dichloroethene
Concen: 54.473 ug/L
RT: 2.687 min Scan# 512
Delta R.T. -0.000 min
Lab File: VV037166.D
Acq: 29 Aug 2024 18:23

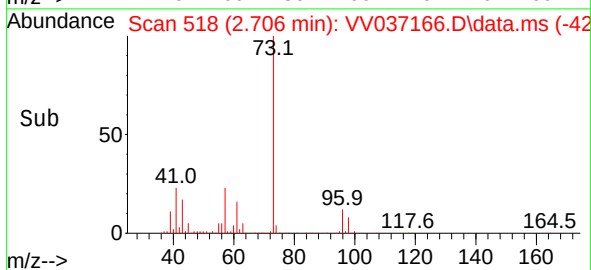
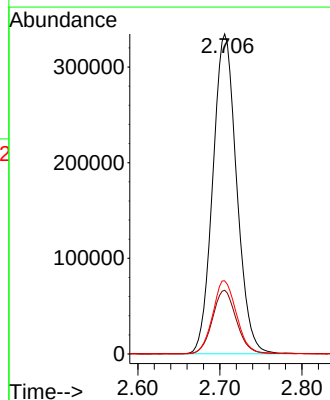
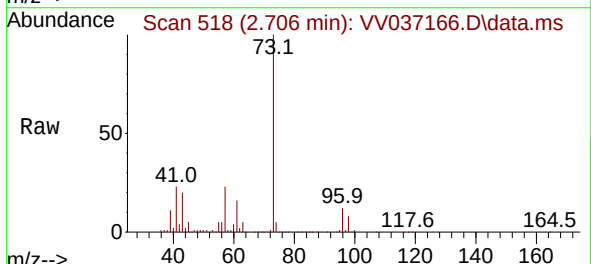
Instrument :
MSVOA_V
ClientSampleId :

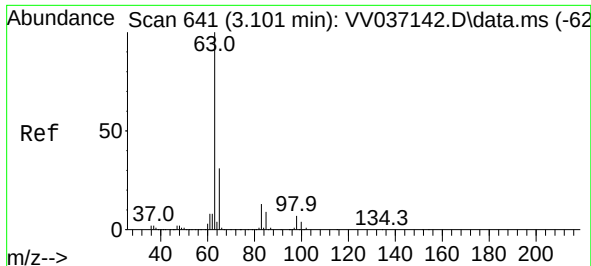
Tgt Ion: 96 Resp: 214577
Ion Ratio Lower Upper
96 100
61 141.5 102.3 189.9
98 61.6 44.8 83.2



#18
Methyl tert-butyl Ether
Concen: 54.620 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV037166.D
Acq: 29 Aug 2024 18:23

Tgt Ion: 73 Resp: 676819
Ion Ratio Lower Upper
73 100
43 19.9 15.8 23.6
57 22.8 18.1 27.1





#19

1,1-Dichloroethane

Concen: 54.388 ug/L

RT: 3.105 min Scan# 641

Delta R.T. 0.003 min

Lab File: VV037166.D

Acq: 29 Aug 2024 18:23

Instrument :

MSVOA_V

ClientSampleId :

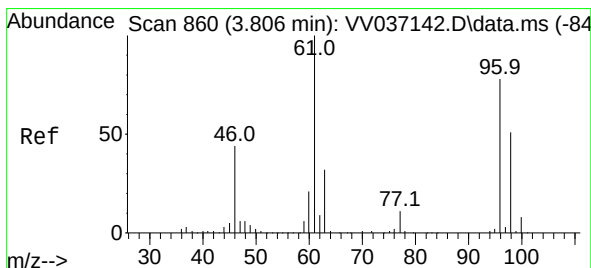
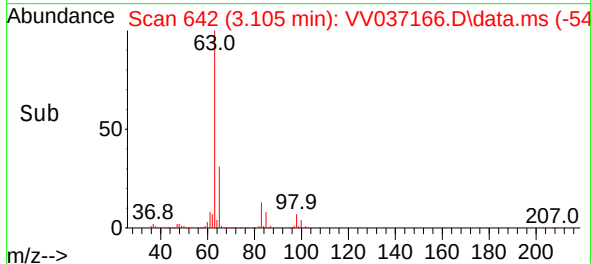
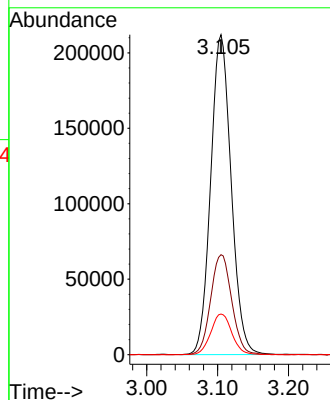
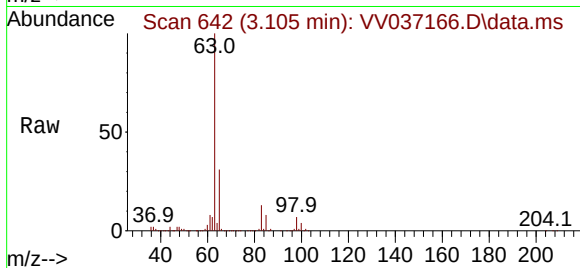
Tgt Ion: 63 Resp: 425470

Ion Ratio Lower Upper

63 100

65 31.2 22.0 41.0

83 12.7 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 52.669 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.003 min

Lab File: VV037166.D

Acq: 29 Aug 2024 18:23

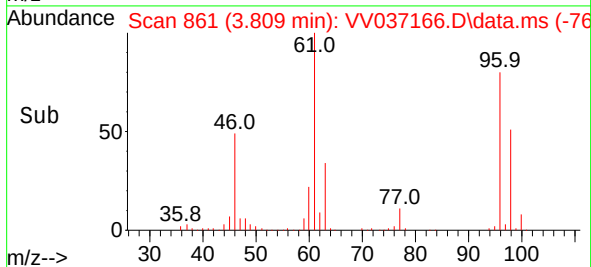
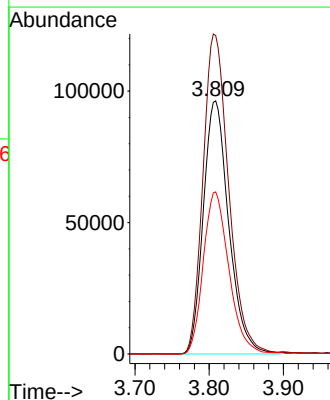
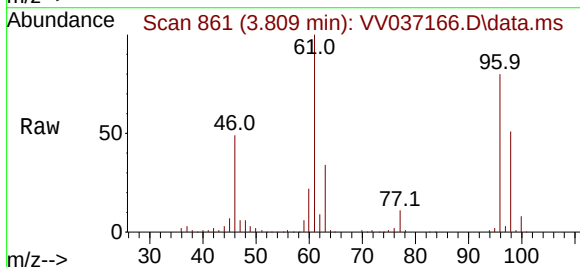
Tgt Ion: 96 Resp: 229259

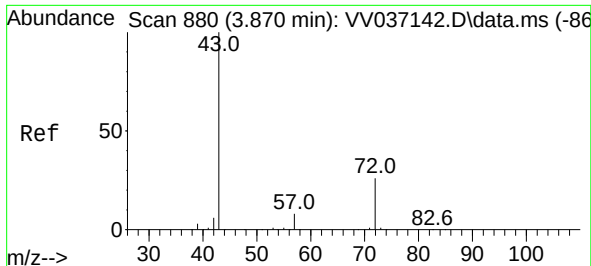
Ion Ratio Lower Upper

96 100

61 125.8 89.9 166.9

98 64.0 44.8 83.2

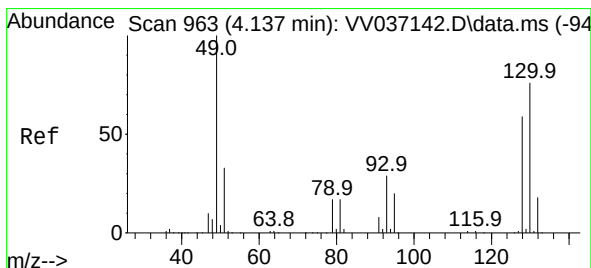
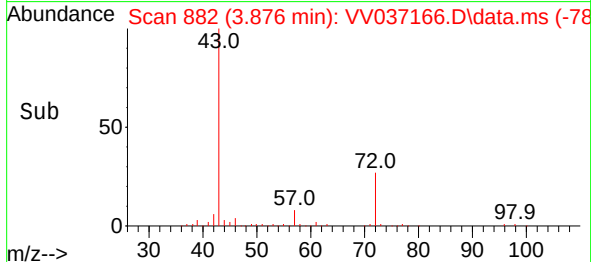
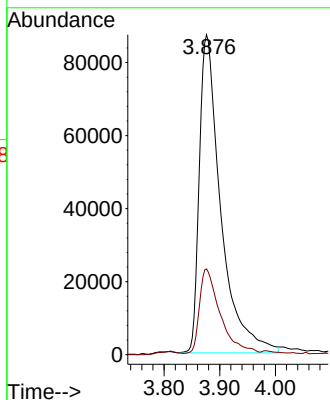
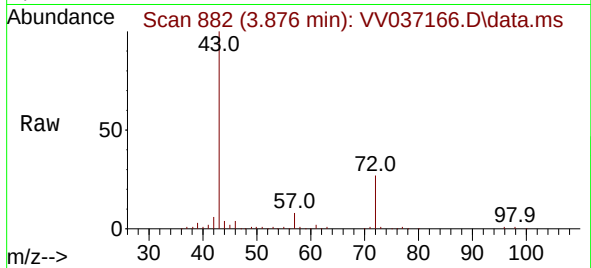




#22
2-Butanone
Concen: 95.885 ug/L
RT: 3.876 min Scan# 880
Delta R.T. 0.006 min
Lab File: VV037166.D
Acq: 29 Aug 2024 18:23

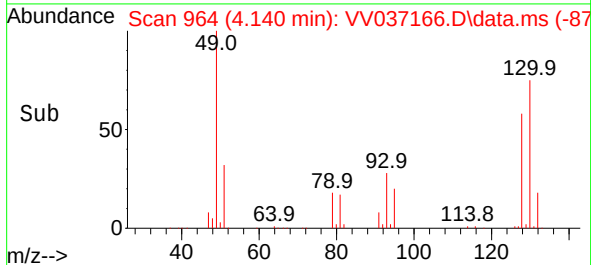
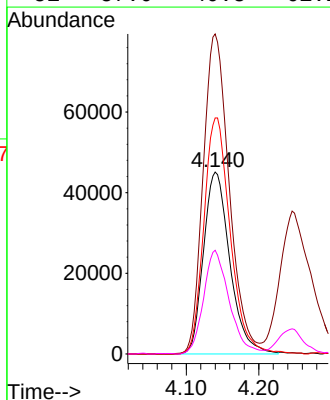
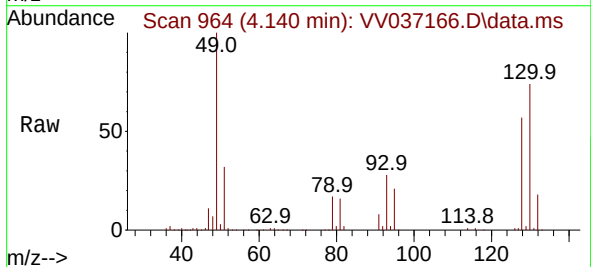
Instrument :
MSVOA_V
ClientSampleId :

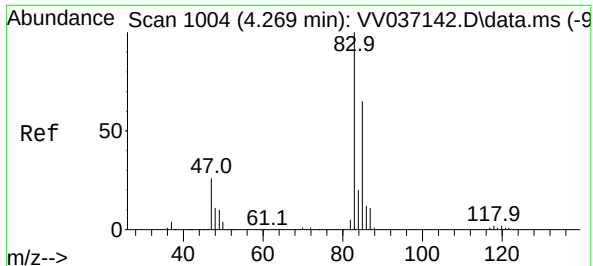
Tgt Ion: 43 Resp: 233274
Ion Ratio Lower Upper
43 100
72 25.8 12.7 38.0



#23
Bromochloromethane
Concen: 53.361 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.003 min
Lab File: VV037166.D
Acq: 29 Aug 2024 18:23

Tgt Ion:128 Resp: 114017
Ion Ratio Lower Upper
128 100
49 175.9 117.2 217.6
130 129.7 87.6 162.8
51 57.0 40.8 61.2





#25

Chloroform

Concen: 52.643 ug/L

RT: 4.269 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV037166.D

Acq: 29 Aug 2024 18:23

Instrument :

MSVOA_V

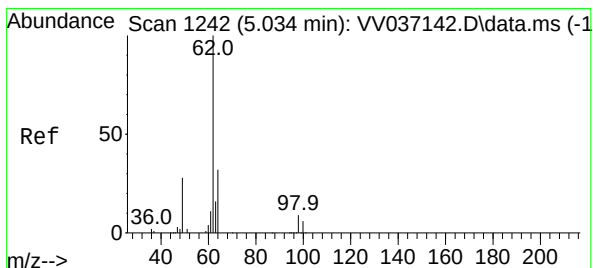
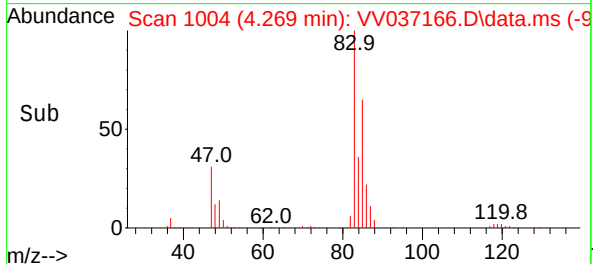
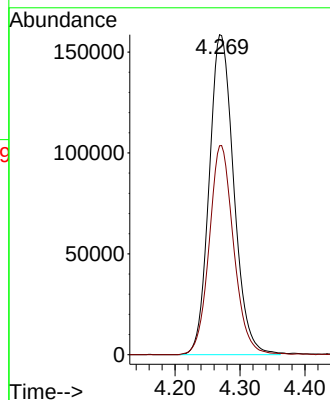
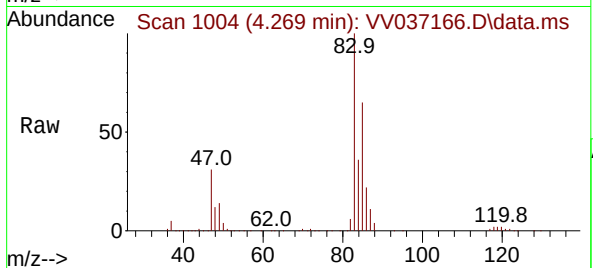
ClientSampleId :

Tgt Ion: 83 Resp: 417070

Ion Ratio Lower Upper

83 100

85 65.3 45.1 83.7



#27

1,2-Dichloroethane

Concen: 54.287 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VV037166.D

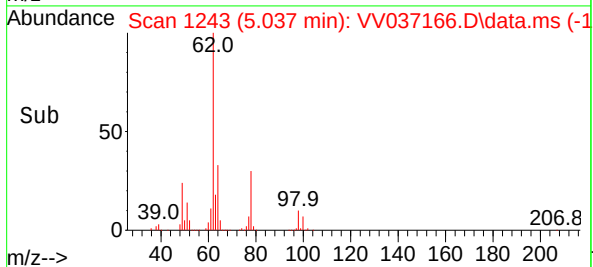
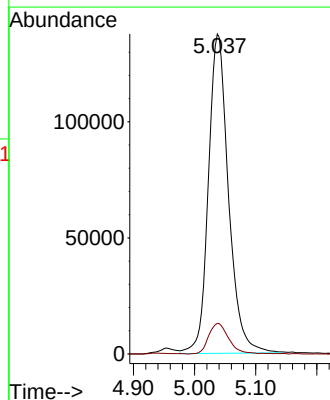
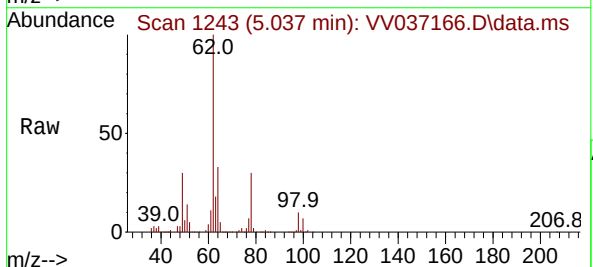
Acq: 29 Aug 2024 18:23

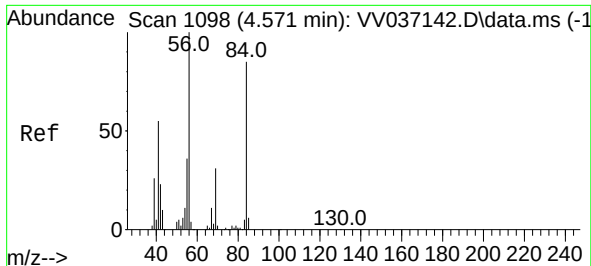
Tgt Ion: 62 Resp: 315494

Ion Ratio Lower Upper

62 100

98 9.5 8.0 12.0





#29

Cyclohexane

Concen: 50.645 ug/L

RT: 4.574 min Scan# 1098

Delta R.T. 0.003 min

Lab File: VV037166.D

Acq: 29 Aug 2024 18:23

Instrument :

MSVOA_V

ClientSampleId :

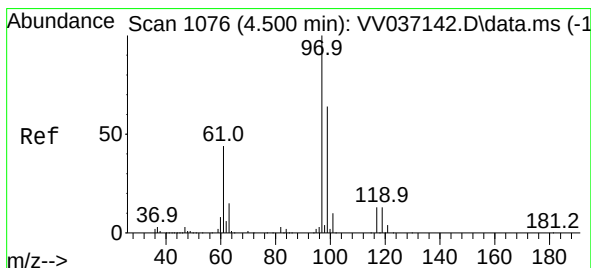
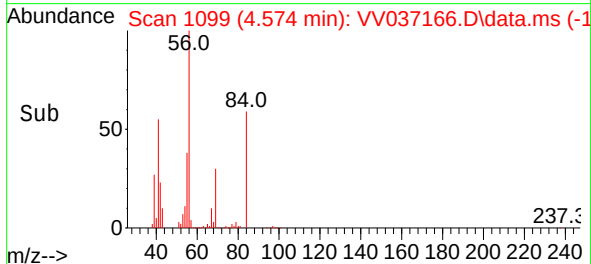
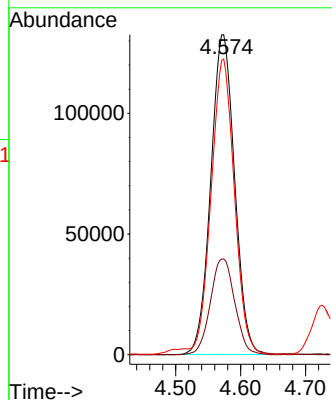
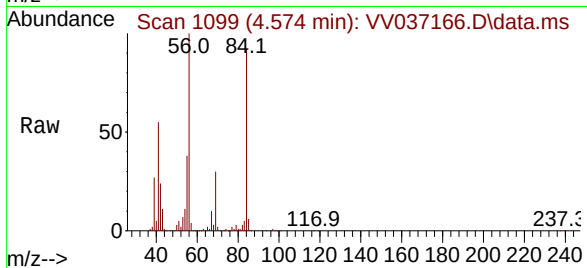
Tgt Ion: 56 Resp: 337569

Ion Ratio Lower Upper

56 100

69 30.6 24.2 36.4

84 89.9 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 52.954 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV037166.D

Acq: 29 Aug 2024 18:23

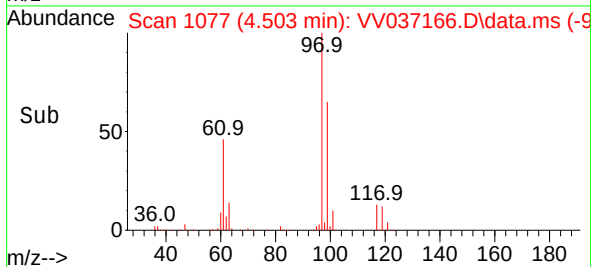
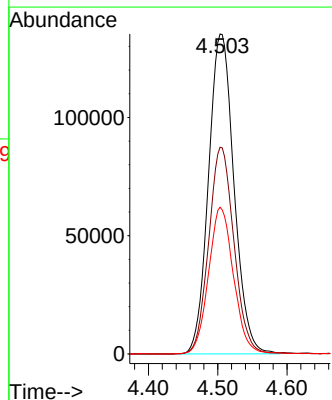
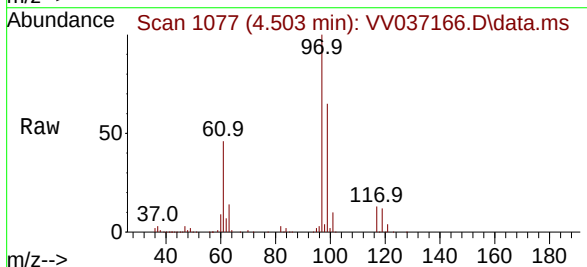
Tgt Ion: 97 Resp: 345414

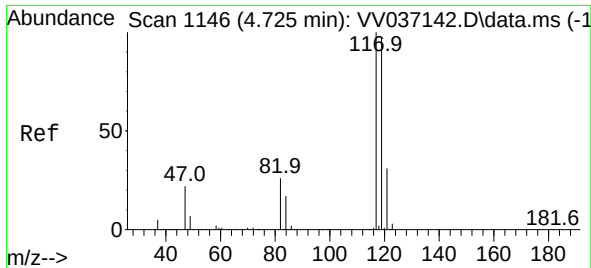
Ion Ratio Lower Upper

97 100

99 64.1 51.6 77.4

61 45.2 35.8 53.6

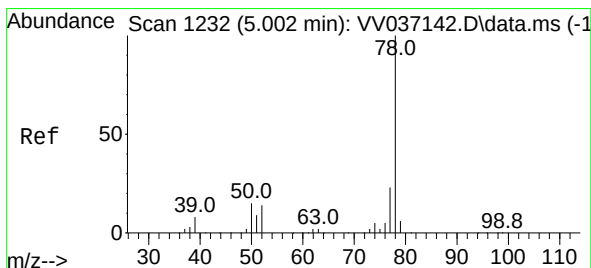
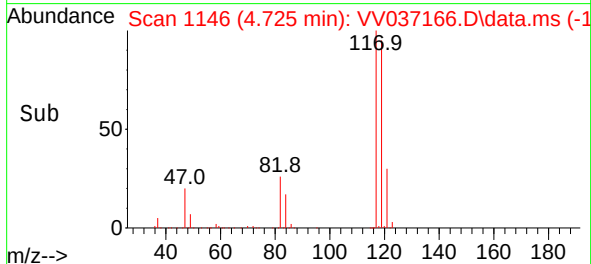
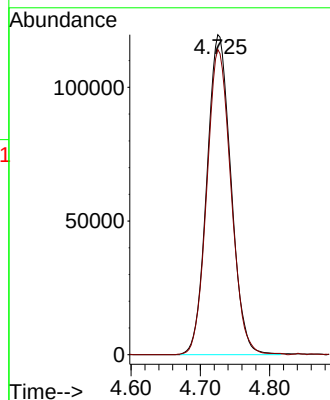
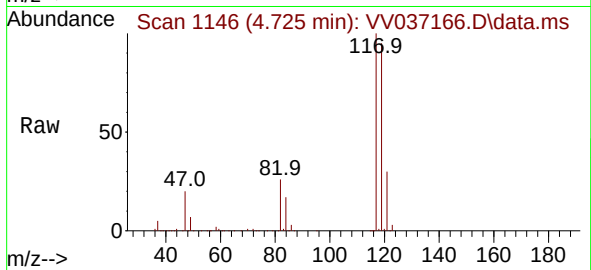




#31
Carbon tetrachloride
Concen: 52.549 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VV037166.D
Acq: 29 Aug 2024 18:23

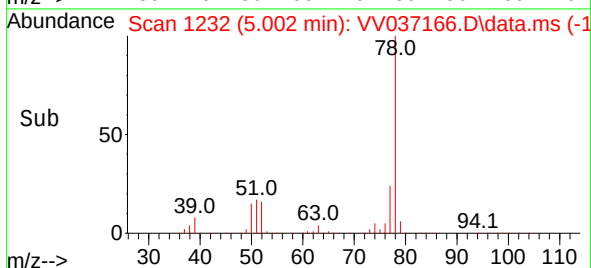
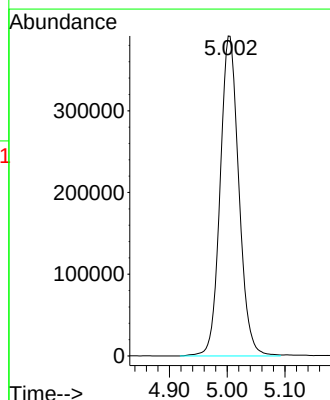
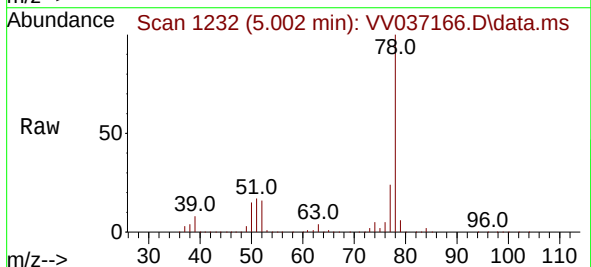
Instrument :
MSVOA_V
ClientSampleId :

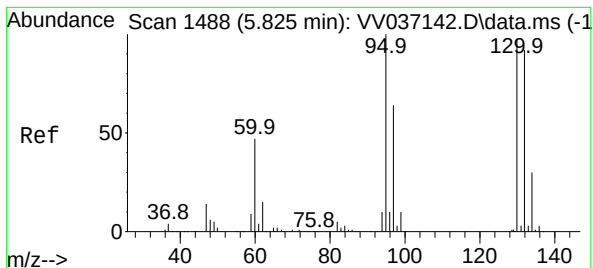
Tgt Ion:117 Resp: 289232
Ion Ratio Lower Upper
117 100
119 95.6 75.8 113.6



#33
Benzene
Concen: 53.821 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VV037166.D
Acq: 29 Aug 2024 18:23

Tgt Ion: 78 Resp: 880517





#34

Trichloroethene

Concen: 51.886 ug/L

RT: 5.828 min Scan# 1488

Delta R.T. 0.003 min

Lab File: VV037166.D

Acq: 29 Aug 2024 18:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 224053

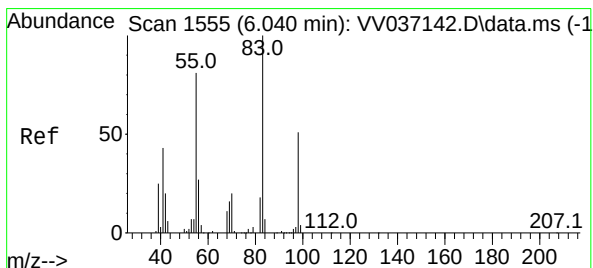
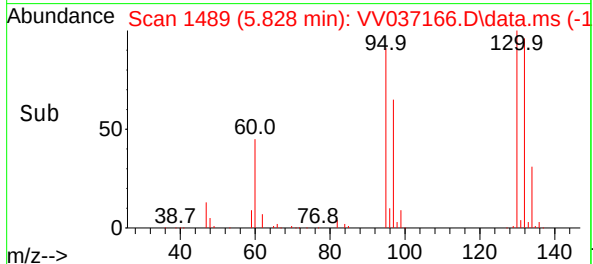
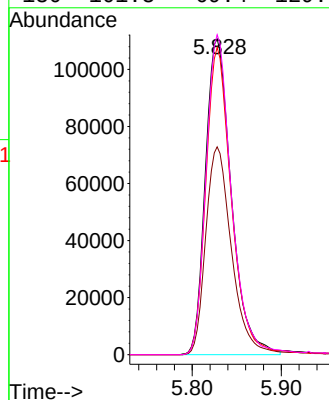
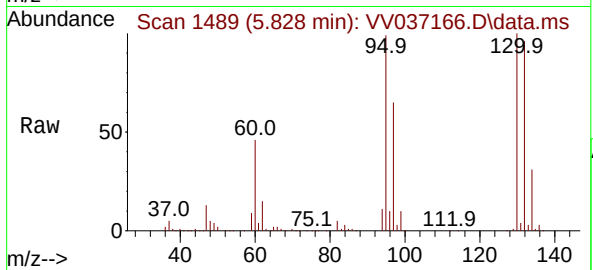
Ion Ratio Lower Upper

95 100

97 65.8 44.4 82.5

132 97.3 64.9 120.5

130 101.3 69.4 129.0



#35

Methylcyclohexane

Concen: 51.356 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.003 min

Lab File: VV037166.D

Acq: 29 Aug 2024 18:23

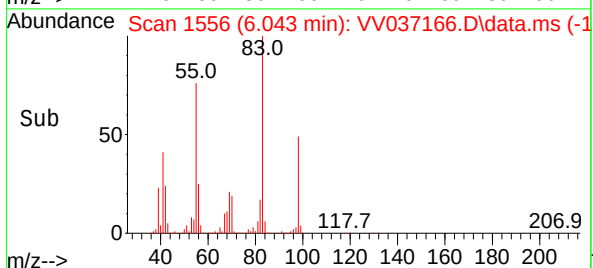
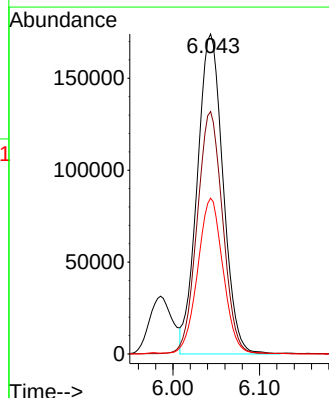
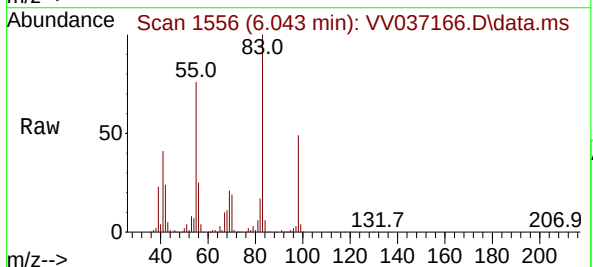
Tgt Ion: 83 Resp: 360308

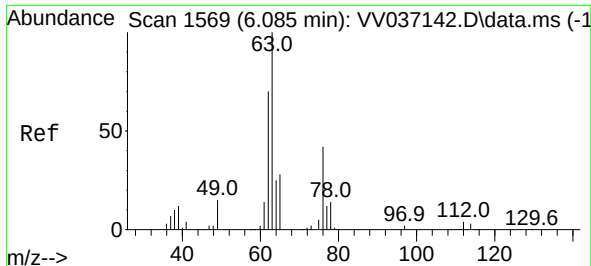
Ion Ratio Lower Upper

83 100

55 74.9 61.2 91.8

98 47.9 39.3 58.9

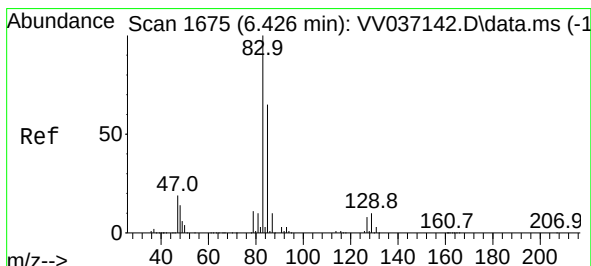
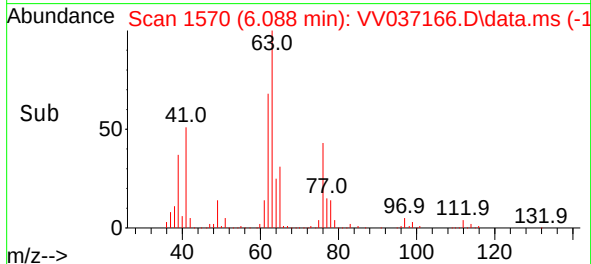
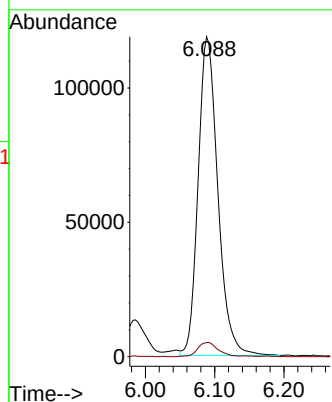
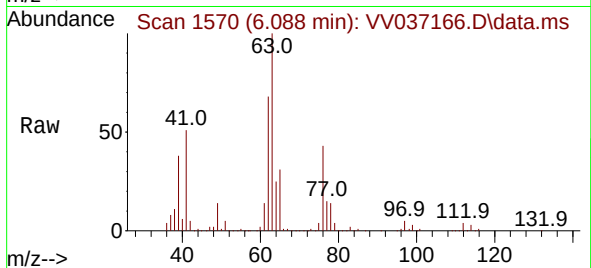




#37
1,2-Dichloropropane
Concen: 53.583 ug/L
RT: 6.088 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VV037166.D
Acq: 29 Aug 2024 18:23

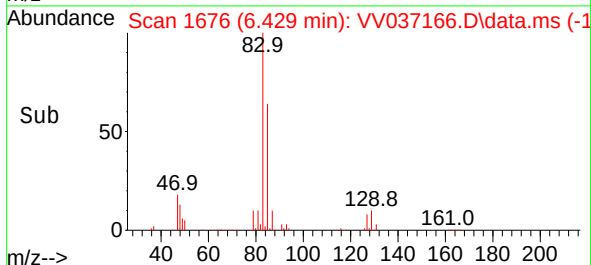
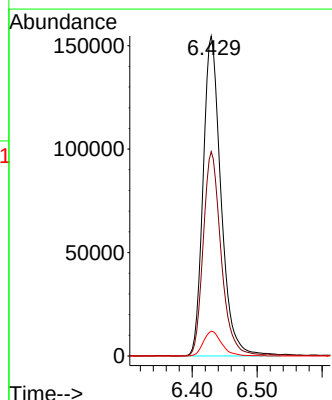
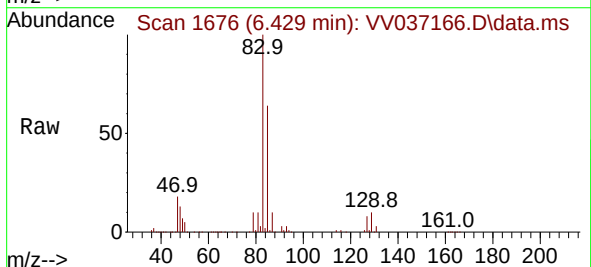
Instrument :
MSVOA_V
ClientSampleId :

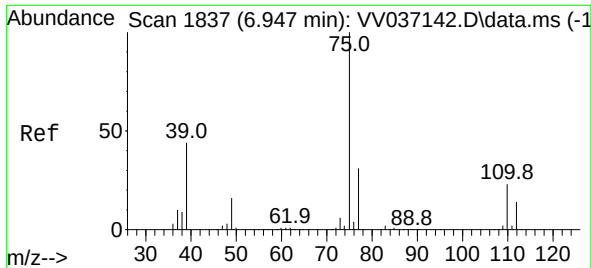
Tgt Ion: 63 Resp: 235015
Ion Ratio Lower Upper
63 100
112 4.6 3.5 5.3



#38
Bromodichloromethane
Concen: 52.817 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.003 min
Lab File: VV037166.D
Acq: 29 Aug 2024 18:23

Tgt Ion: 83 Resp: 296910
Ion Ratio Lower Upper
83 100
85 63.9 44.5 82.7
127 7.7 6.1 9.1

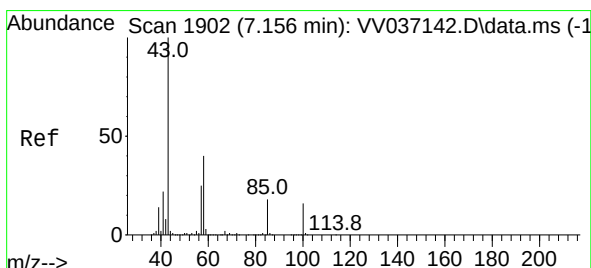
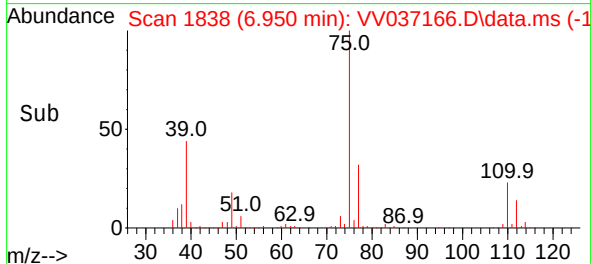
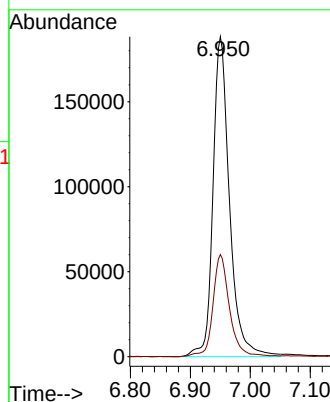
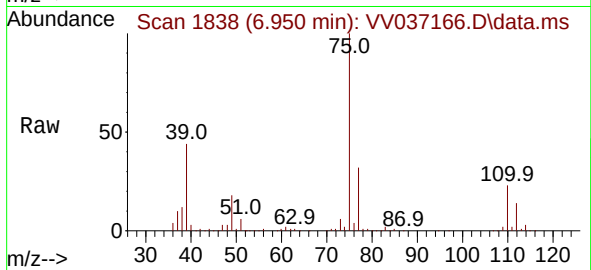




#39
 cis-1,3-Dichloropropene
 Concen: 52.108 ug/L
 RT: 6.950 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VV037166.D
 Acq: 29 Aug 2024 18:23

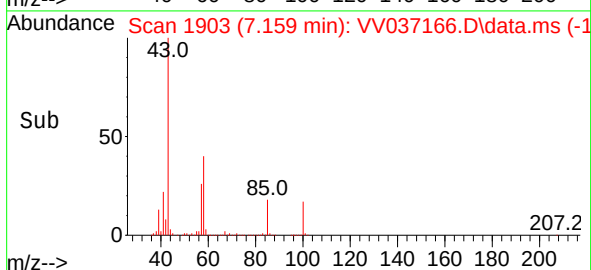
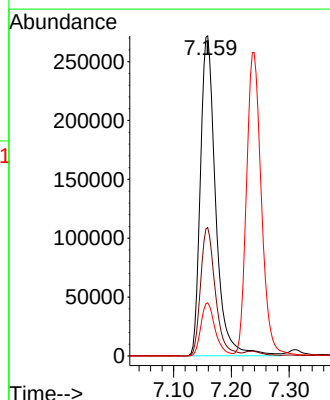
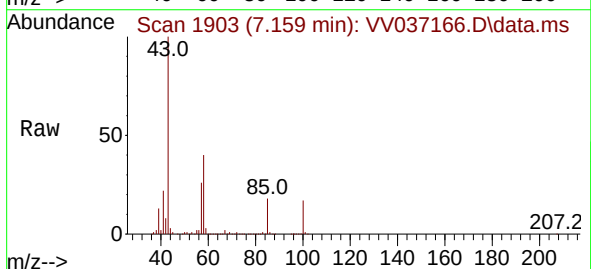
Instrument :
 MSVOA_V
 ClientSampleId :

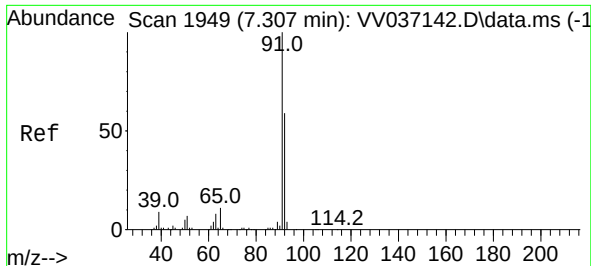
Tgt Ion: 75 Resp: 360665
 Ion Ratio Lower Upper
 75 100
 77 31.9 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 112.224 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. 0.003 min
 Lab File: VV037166.D
 Acq: 29 Aug 2024 18:23

Tgt Ion: 43 Resp: 500409
 Ion Ratio Lower Upper
 43 100
 58 38.8 32.0 48.0
 100 15.5 12.4 18.6





#42

Toluene

Concen: 54.353 ug/L

RT: 7.310 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV037166.D

Acq: 29 Aug 2024 18:23

Instrument :

MSVOA_V

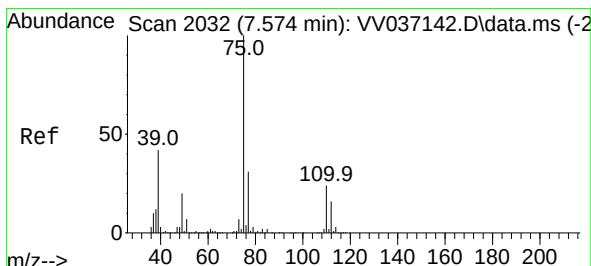
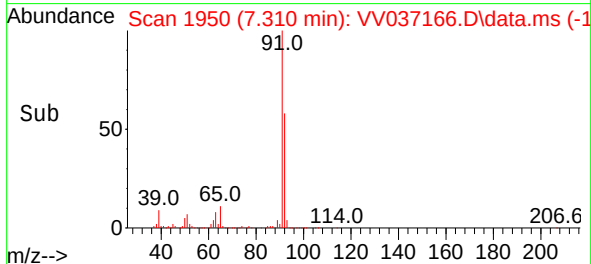
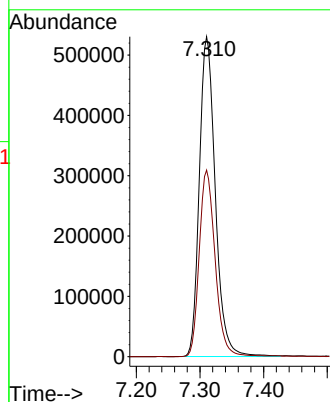
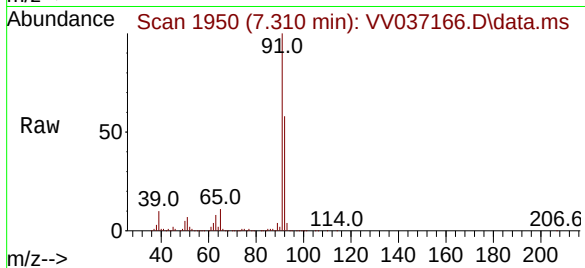
ClientSampleId :

Tgt Ion: 91 Resp: 925850

Ion Ratio Lower Upper

91 100

92 58.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 51.289 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.003 min

Lab File: VV037166.D

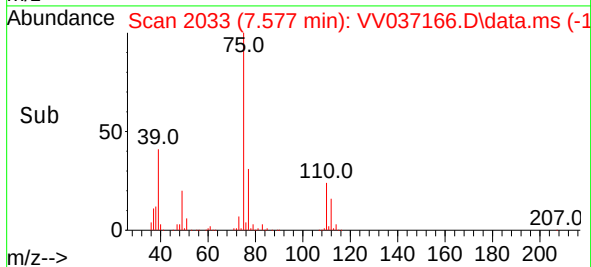
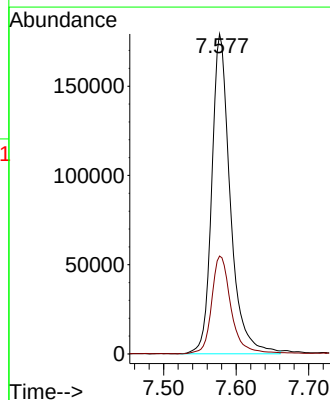
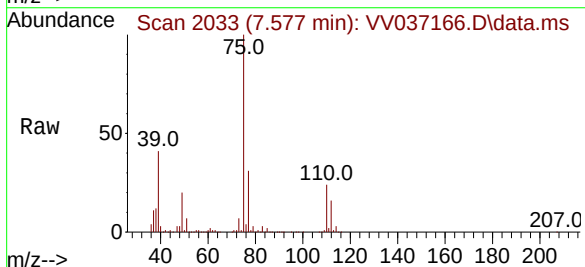
Acq: 29 Aug 2024 18:23

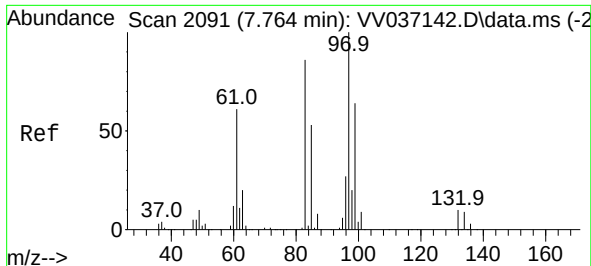
Tgt Ion: 75 Resp: 317308

Ion Ratio Lower Upper

75 100

77 30.6 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 55.084 ug/L

RT: 7.764 min Scan# 2091

Delta R.T. -0.000 min

Lab File: VV037166.D

Acq: 29 Aug 2024 18:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 224901

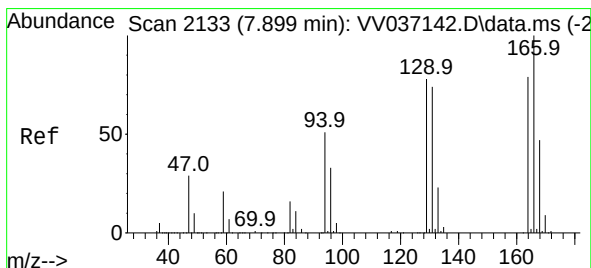
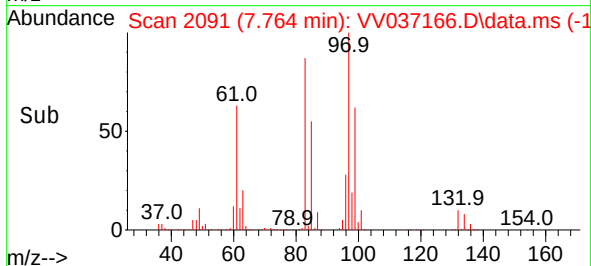
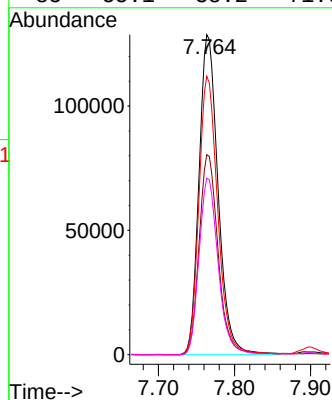
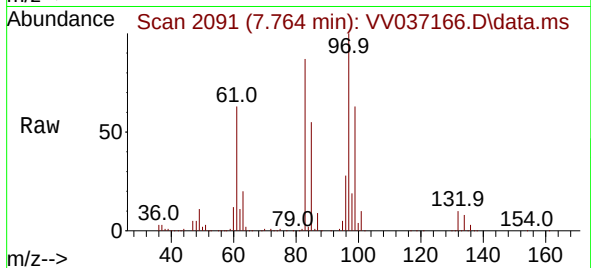
Ion Ratio Lower Upper

97 100

99 62.5 42.6 79.0

83 87.0 60.5 112.3

85 55.1 38.2 71.0



#46

Tetrachloroethene

Concen: 52.418 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. -0.000 min

Lab File: VV037166.D

Acq: 29 Aug 2024 18:23

Tgt Ion:164 Resp: 162407

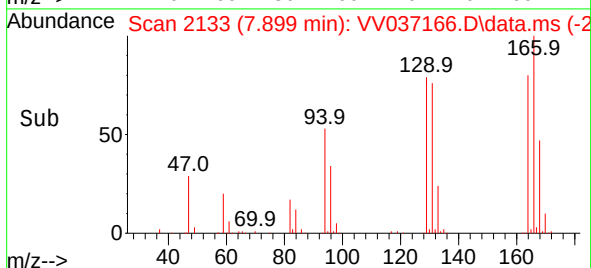
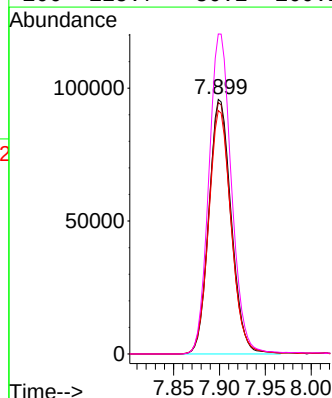
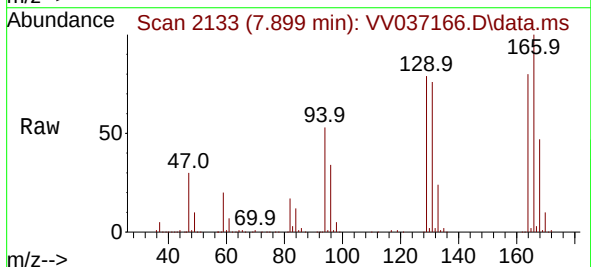
Ion Ratio Lower Upper

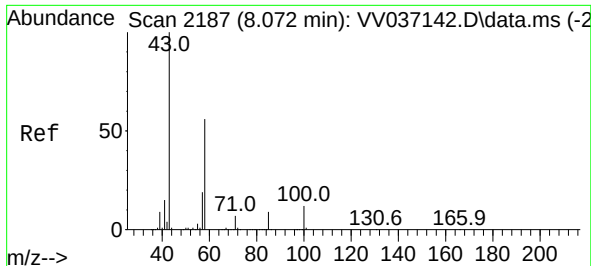
164 100

129 98.7 67.1 124.7

131 95.6 67.0 124.4

166 125.7 86.2 160.2

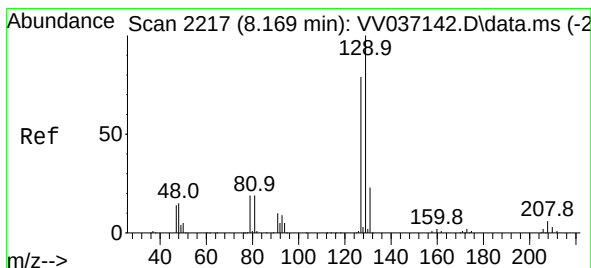
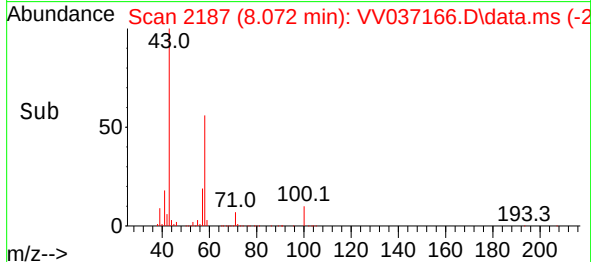
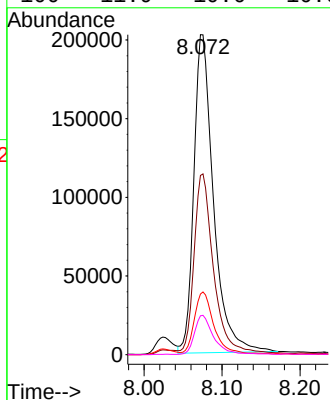
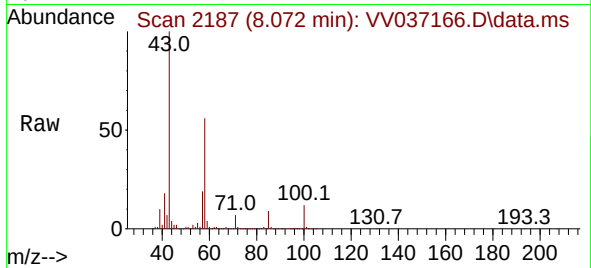




#48
2-Hexanone
Concen: 102.865 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV037166.D
Acq: 29 Aug 2024 18:23

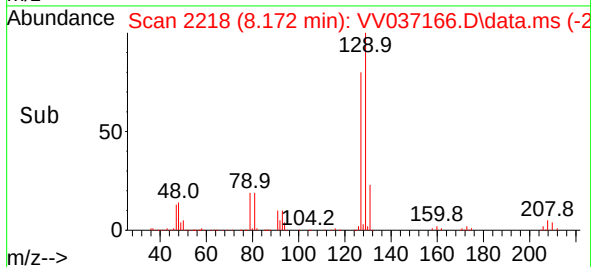
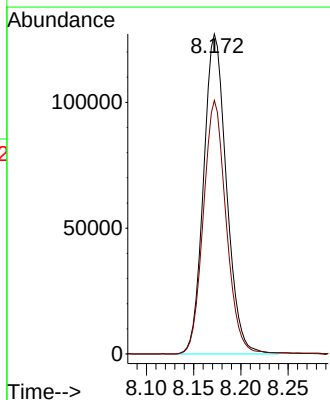
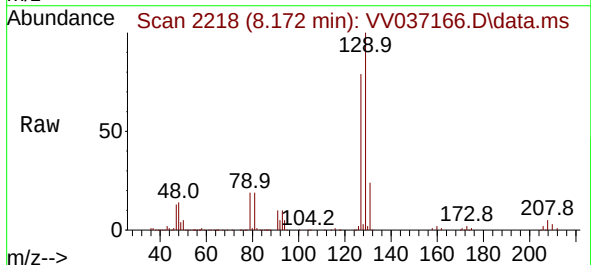
Instrument :
MSVOA_V
ClientSampleId :

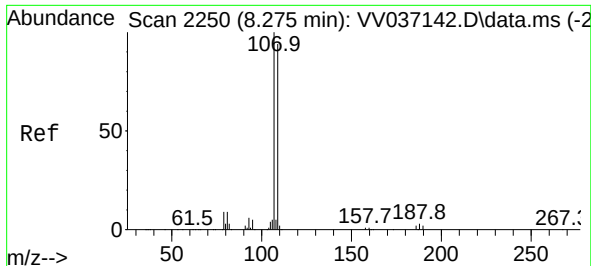
Tgt Ion:	43	Resp:	354733
Ion	Ratio	Lower	Upper
43	100		
58	57.4	46.0	69.0
57	18.7	15.6	23.4
100	11.9	10.6	16.0



#49
Dibromochloromethane
Concen: 52.487 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.003 min
Lab File: VV037166.D
Acq: 29 Aug 2024 18:23

Tgt Ion:	129	Resp:	214581
Ion	Ratio	Lower	Upper
129	100		
127	79.3	54.7	101.7





#50

1,2-Dibromoethane

Concen: 54.676 ug/L

RT: 8.278 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV037166.D

Acq: 29 Aug 2024 18:23

Instrument :

MSVOA_V

ClientSampleId :

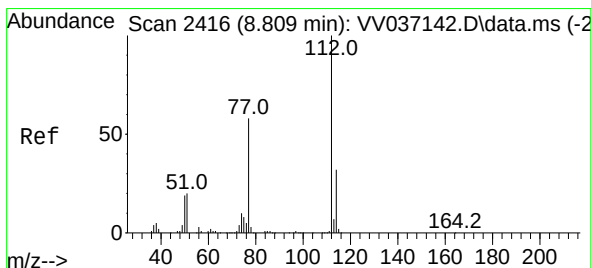
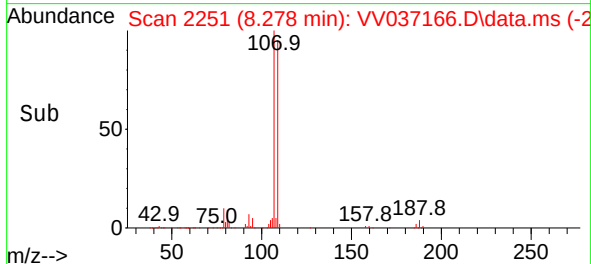
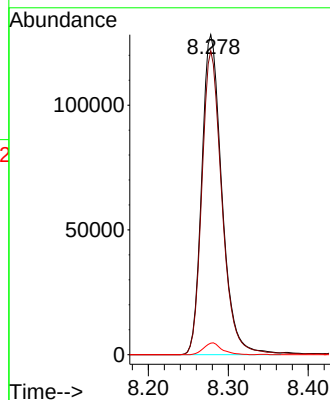
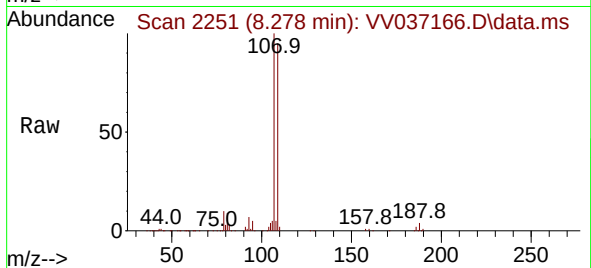
Tgt Ion:107 Resp: 225898

Ion Ratio Lower Upper

107 100

109 95.0 66.6 123.6

188 3.8 2.6 3.8



#51

Chlorobenzene

Concen: 52.767 ug/L

RT: 8.809 min Scan# 2416

Delta R.T. -0.000 min

Lab File: VV037166.D

Acq: 29 Aug 2024 18:23

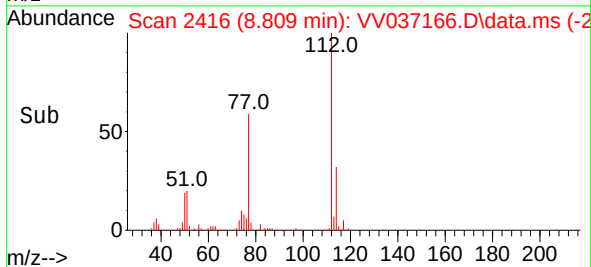
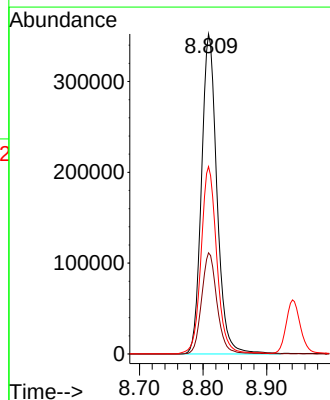
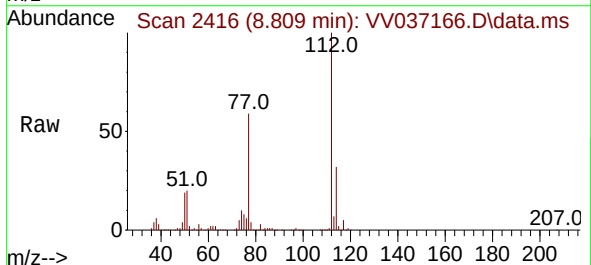
Tgt Ion:112 Resp: 595060

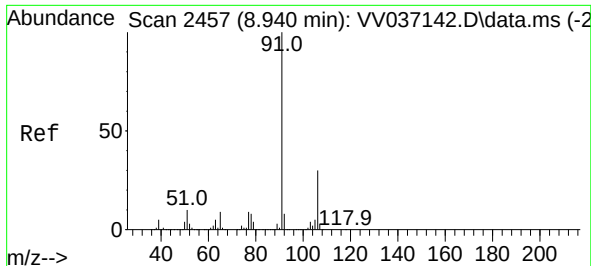
Ion Ratio Lower Upper

112 100

114 31.6 22.3 41.5

77 58.5 47.8 71.8





#52

Ethylbenzene

Concen: 53.692 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. -0.000 min

Lab File: VV037166.D

Acq: 29 Aug 2024 18:23

Instrument :

MSVOA_V

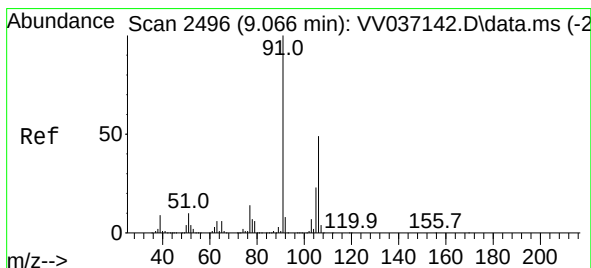
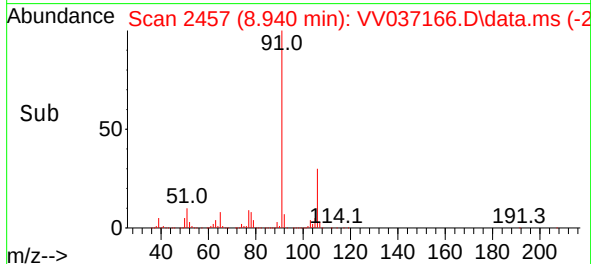
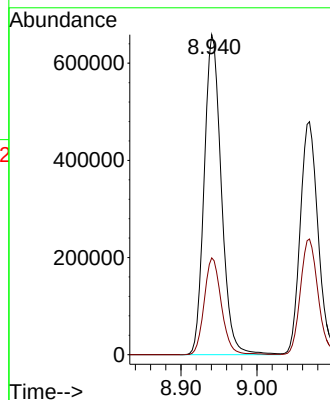
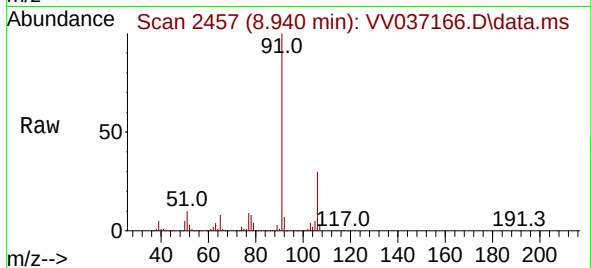
ClientSampleId :

Tgt Ion: 91 Resp: 1033058

Ion Ratio Lower Upper

91 100

106 30.3 21.4 39.8



#53

m,p-Xylene

Concen: 53.788 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.003 min

Lab File: VV037166.D

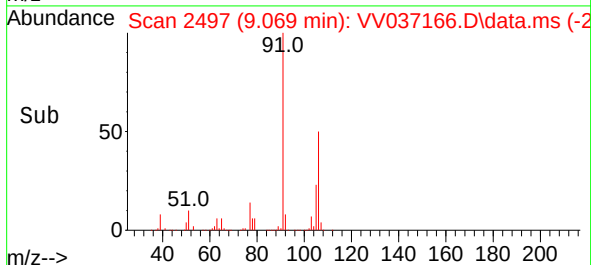
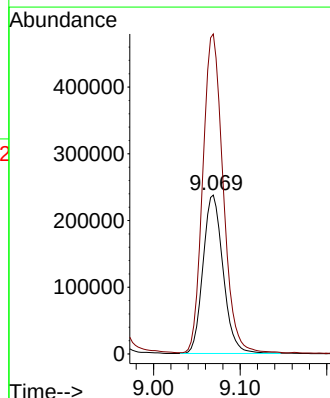
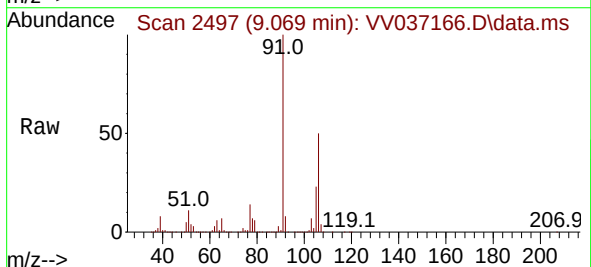
Acq: 29 Aug 2024 18:23

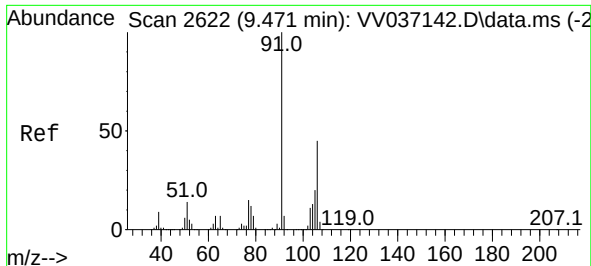
Tgt Ion:106 Resp: 383445

Ion Ratio Lower Upper

106 100

91 201.4 143.0 265.6





#54

o-Xylene

Concen: 53.141 ug/L

RT: 9.474 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV037166.D

Acq: 29 Aug 2024 18:23

Instrument :

MSVOA_V

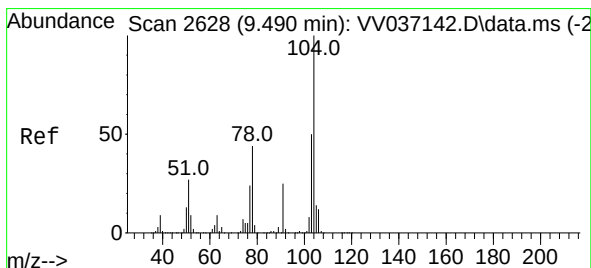
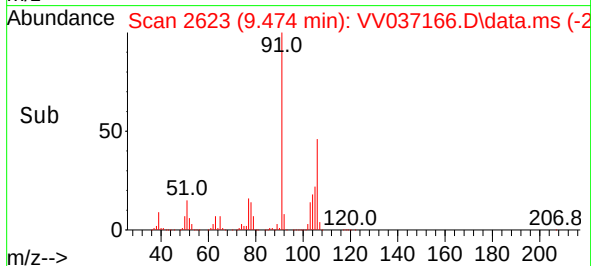
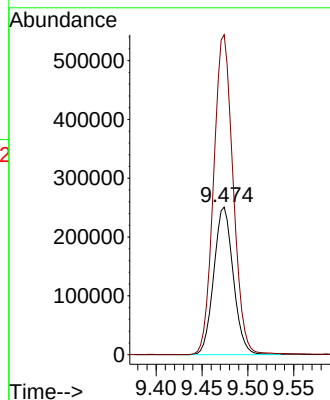
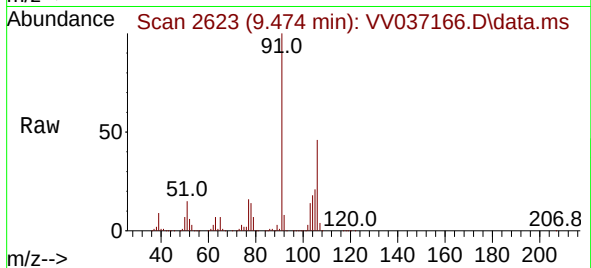
ClientSampleId :

Tgt Ion:106 Resp: 370923

Ion Ratio Lower Upper

106 100

91 217.0 153.2 284.6



#55

Styrene

Concen: 54.589 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. -0.000 min

Lab File: VV037166.D

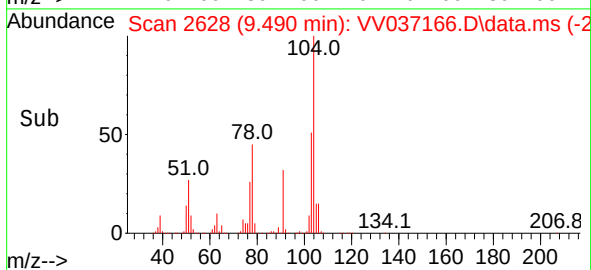
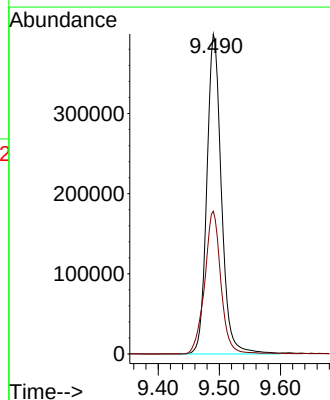
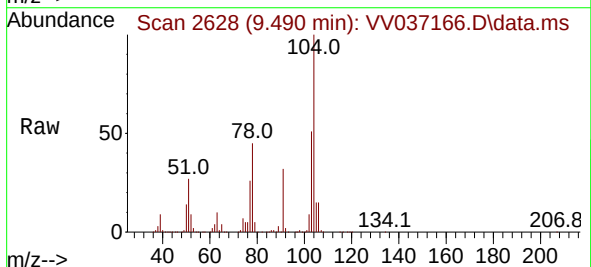
Acq: 29 Aug 2024 18:23

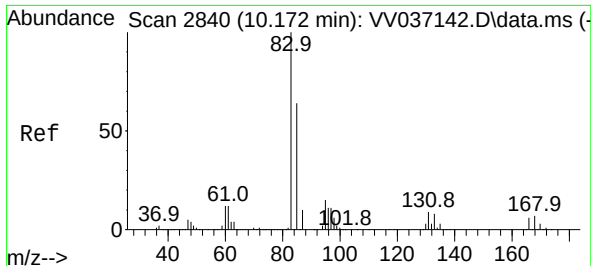
Tgt Ion:104 Resp: 661151

Ion Ratio Lower Upper

104 100

78 44.6 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 54.855 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. -0.000 min

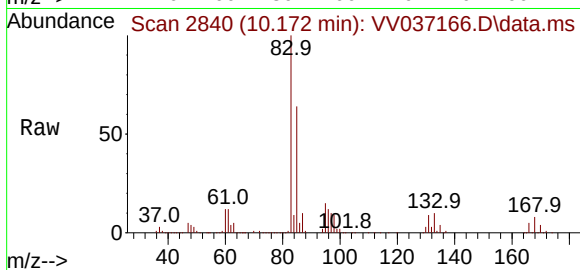
Lab File: VV037166.D

Acq: 29 Aug 2024 18:23

Instrument :

MSVOA_V

ClientSampleId :



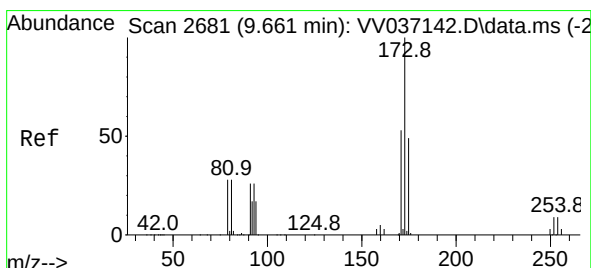
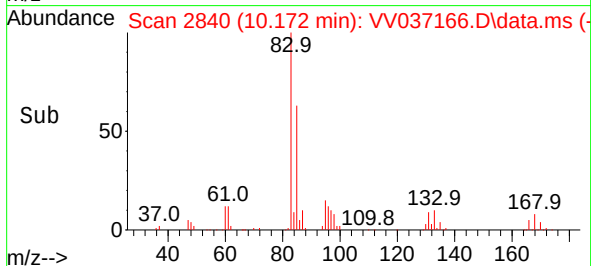
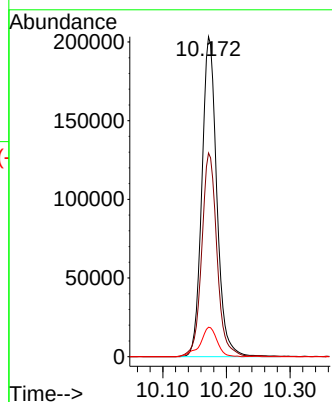
Tgt Ion: 83 Resp: 331707

Ion Ratio Lower Upper

83 100

85 63.6 45.1 83.7

131 9.2 7.4 11.0



#59

Bromoform

Concen: 51.301 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. -0.000 min

Lab File: VV037166.D

Acq: 29 Aug 2024 18:23

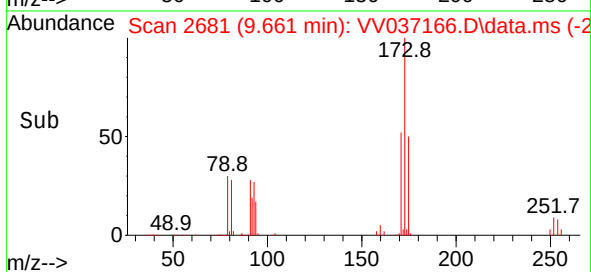
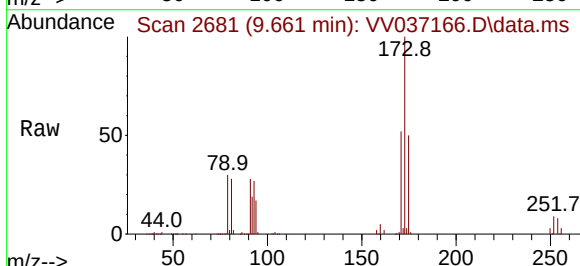
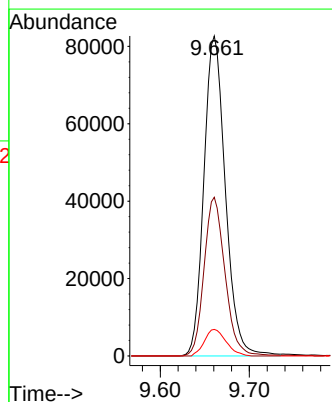
Tgt Ion: 173 Resp: 138534

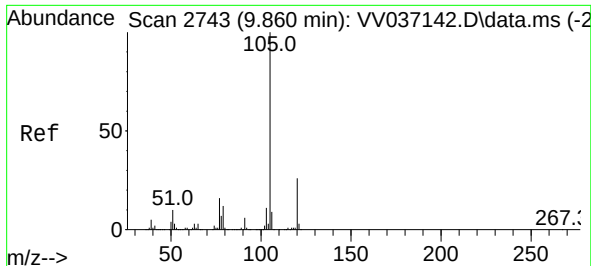
Ion Ratio Lower Upper

173 100

175 48.3 38.7 58.1

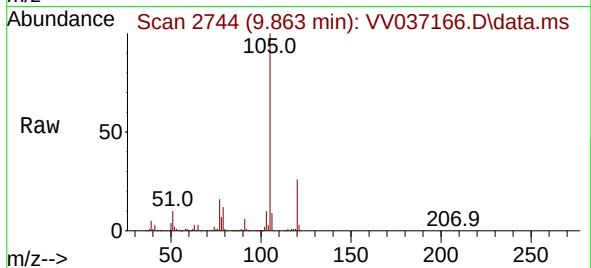
254 8.4 6.8 10.2



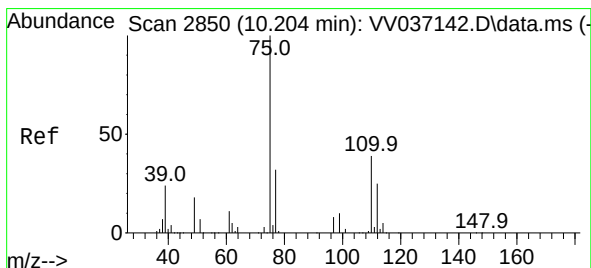
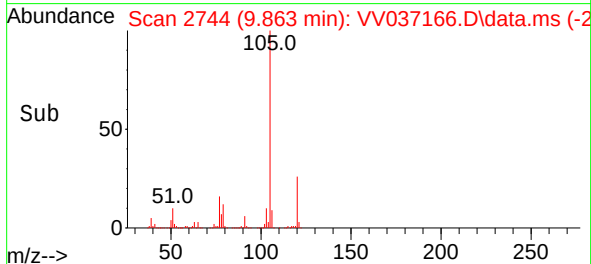
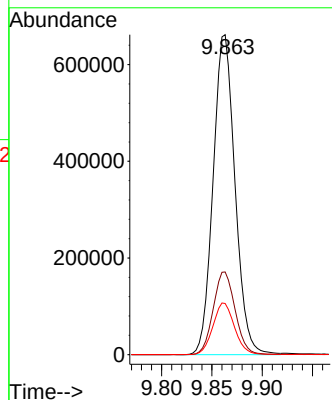


#60
Isopropylbenzene
Concen: 53.313 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV037166.D
Acq: 29 Aug 2024 18:23

Instrument :
MSVOA_V
ClientSampleId :

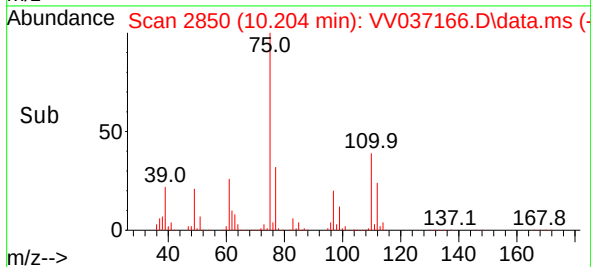
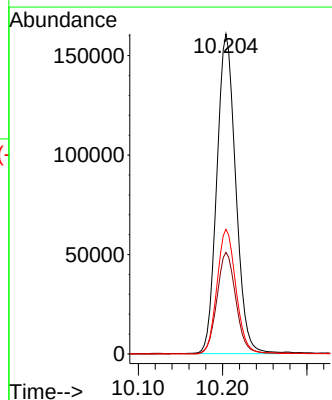
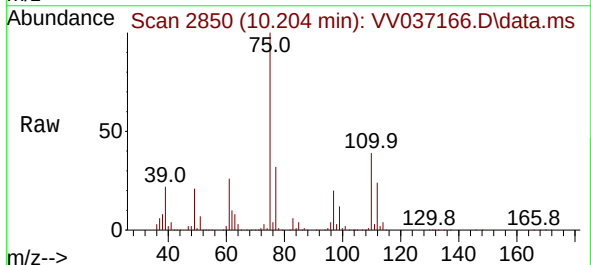


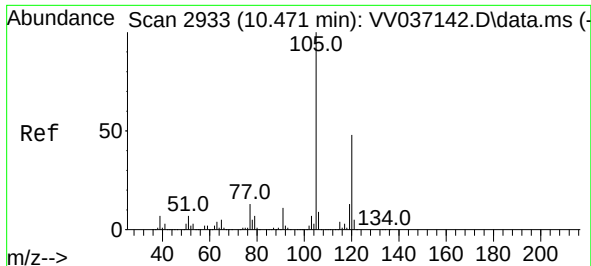
Tgt Ion:105 Resp: 1002287
Ion Ratio Lower Upper
105 100
120 26.0 20.9 31.3
77 16.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 55.290 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.000 min
Lab File: VV037166.D
Acq: 29 Aug 2024 18:23

Tgt Ion: 75 Resp: 249426
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8
110 39.1 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 53.156 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. -0.000 min

Lab File: VV037166.D

Acq: 29 Aug 2024 18:23

Instrument :

MSVOA_V

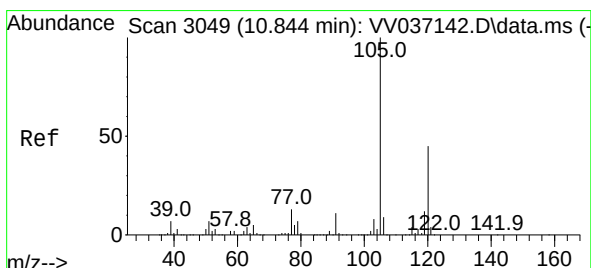
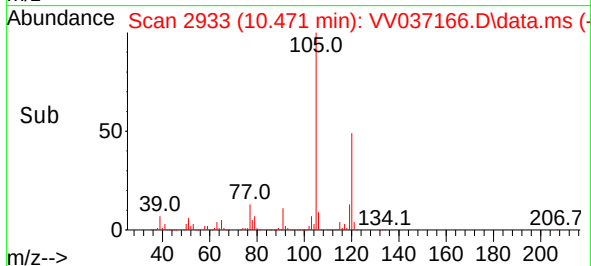
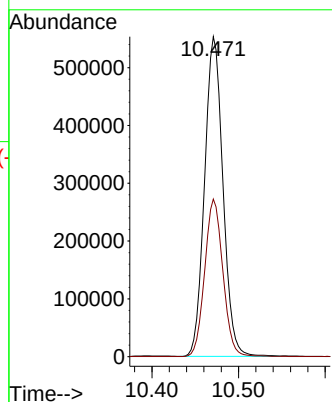
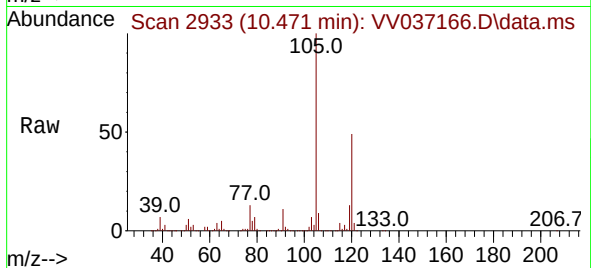
ClientSampleId :

Tgt Ion:105 Resp: 817629

Ion Ratio Lower Upper

105 100

120 48.6 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 53.453 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VV037166.D

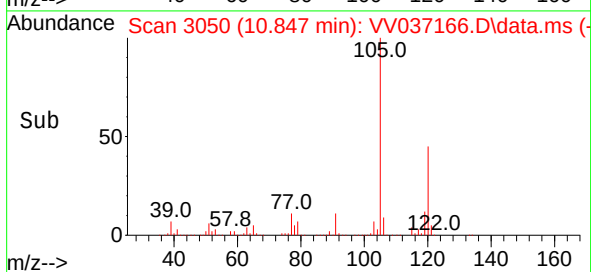
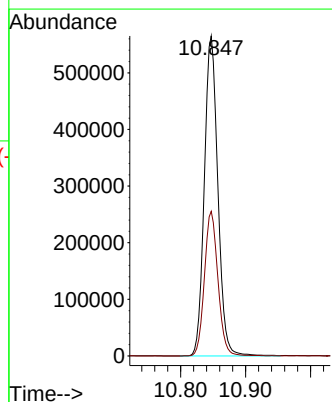
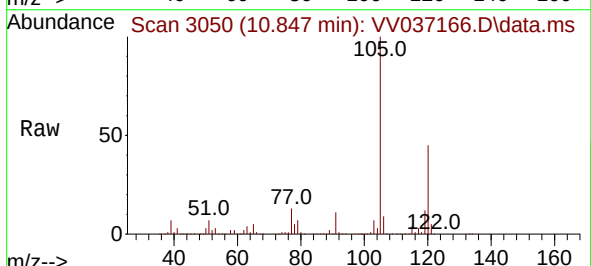
Acq: 29 Aug 2024 18:23

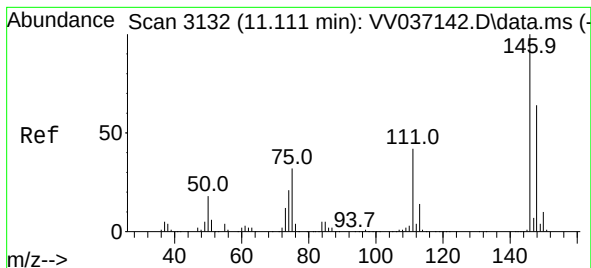
Tgt Ion:105 Resp: 820517

Ion Ratio Lower Upper

105 100

120 45.0 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 51.797 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. -0.000 min

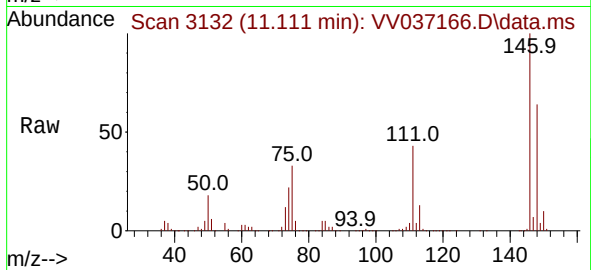
Lab File: VV037166.D

Acq: 29 Aug 2024 18:23

Instrument :

MSVOA_V

ClientSampleId :



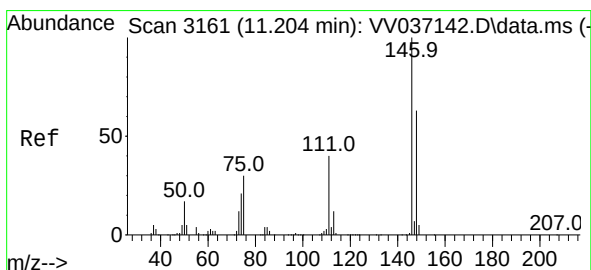
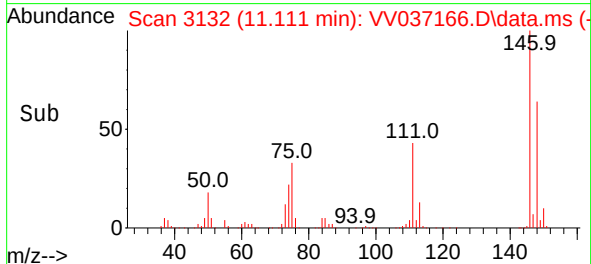
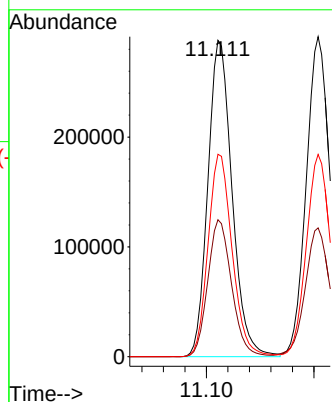
Tgt Ion:146 Resp: 449657

Ion Ratio Lower Upper

146 100

111 43.3 29.7 55.1

148 64.0 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 51.987 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. -0.000 min

Lab File: VV037166.D

Acq: 29 Aug 2024 18:23

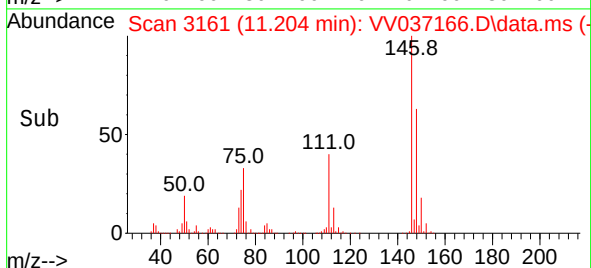
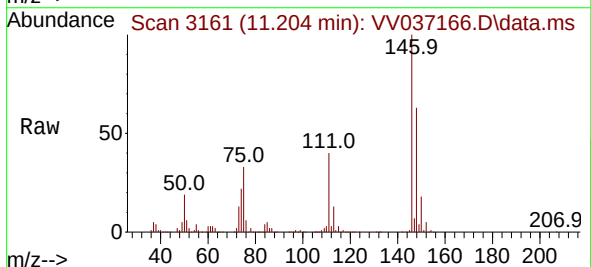
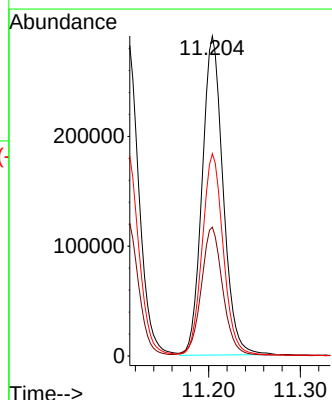
Tgt Ion:146 Resp: 461916

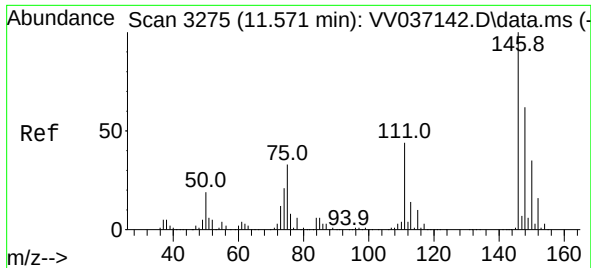
Ion Ratio Lower Upper

146 100

111 40.2 28.1 52.1

148 63.2 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 52.780 ug/L

RT: 11.574 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV037166.D

Acq: 29 Aug 2024 18:23

Instrument :

MSVOA_V

ClientSampleId :

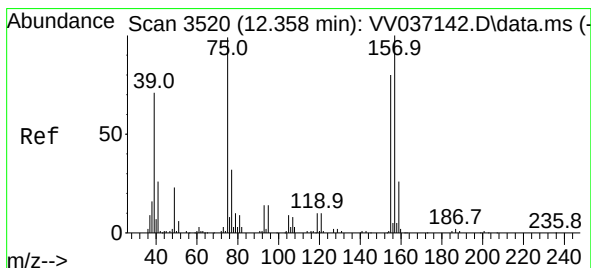
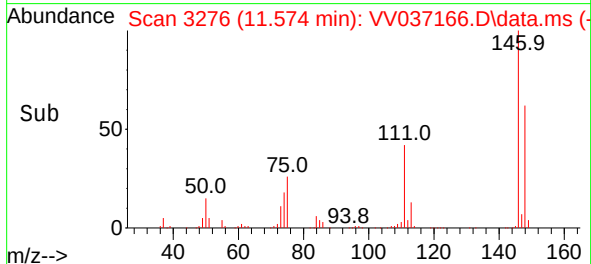
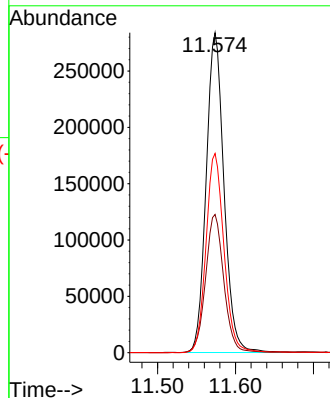
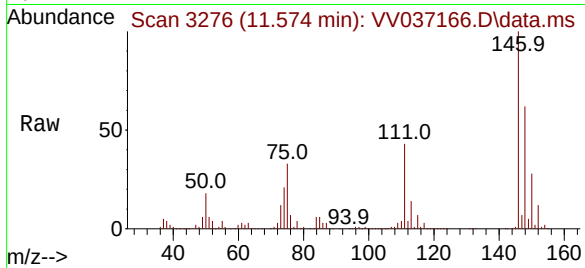
Tgt Ion:146 Resp: 450523

Ion Ratio Lower Upper

146 100

111 43.2 34.6 51.8

148 62.2 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 52.624 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.000 min

Lab File: VV037166.D

Acq: 29 Aug 2024 18:23

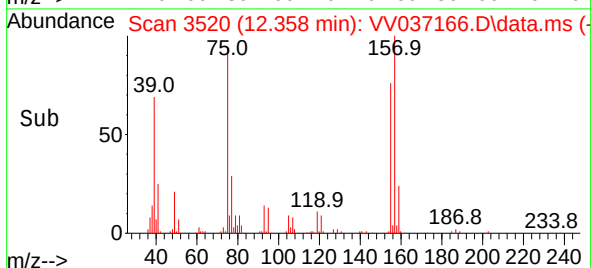
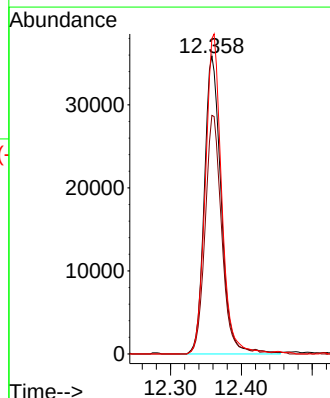
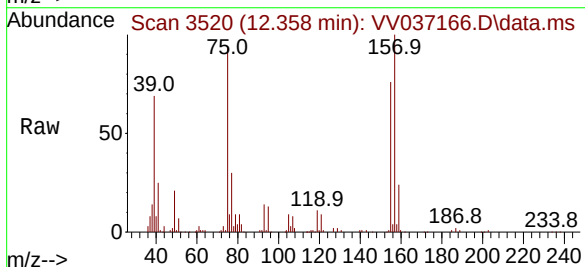
Tgt Ion: 75 Resp: 59204

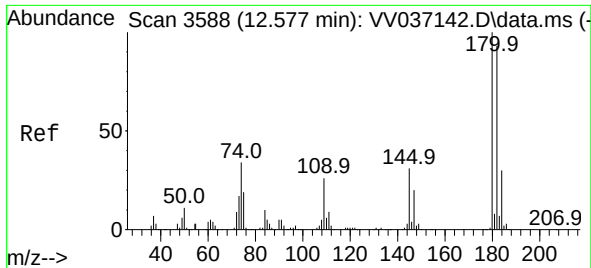
Ion Ratio Lower Upper

75 100

155 80.1 61.8 92.6

157 105.9 82.5 123.7





#69

1,3,5-Trichlorobenzene

Concen: 50.479 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. -0.000 min

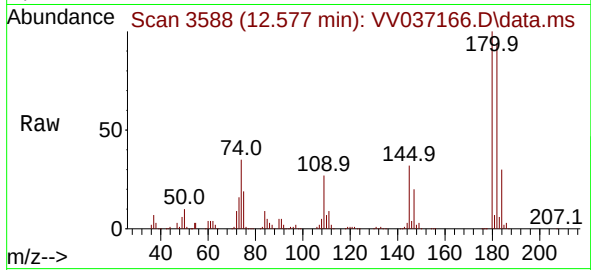
Lab File: VV037166.D

Acq: 29 Aug 2024 18:23

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 304916

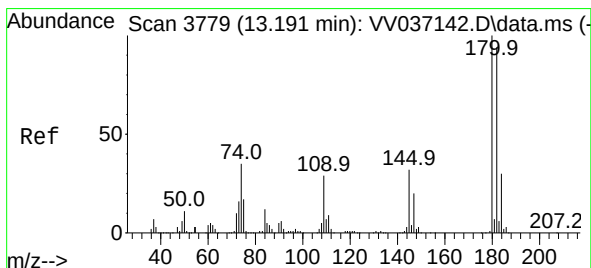
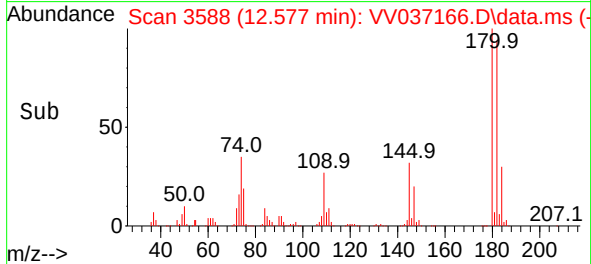
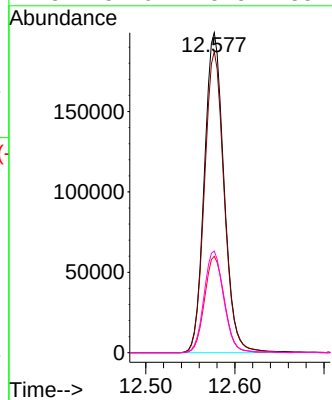
Ion Ratio Lower Upper

180 100

182 94.4 76.7 115.1

184 30.4 24.2 36.2

145 32.0 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 50.146 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV037166.D

Acq: 29 Aug 2024 18:23

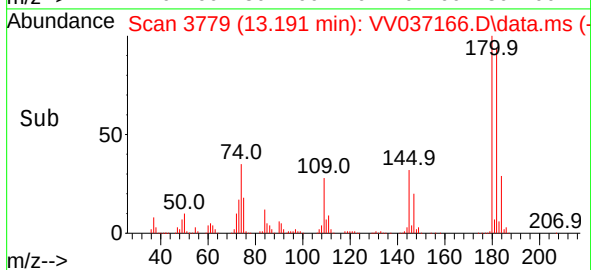
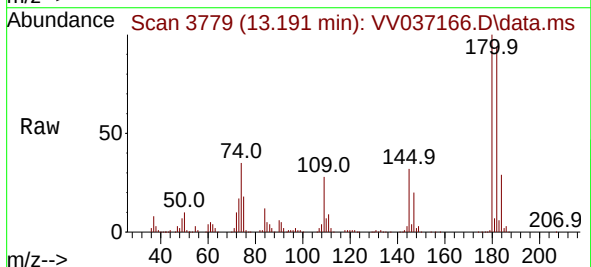
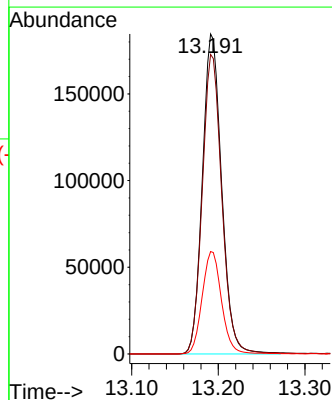
Tgt Ion:180 Resp: 285231

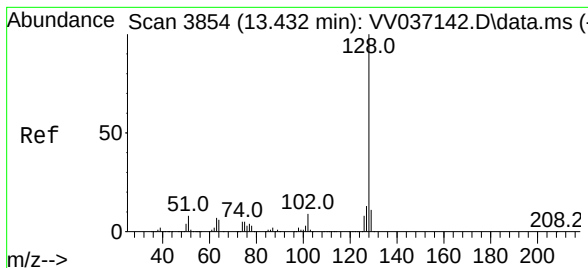
Ion Ratio Lower Upper

180 100

182 94.5 75.7 113.5

145 32.2 26.0 39.0





#71

Naphthalene

Concen: 53.903 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV037166.D

Acq: 29 Aug 2024 18:23

Instrument :

MSVOA_V

ClientSampleId :

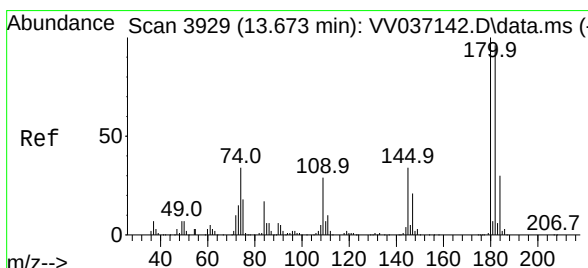
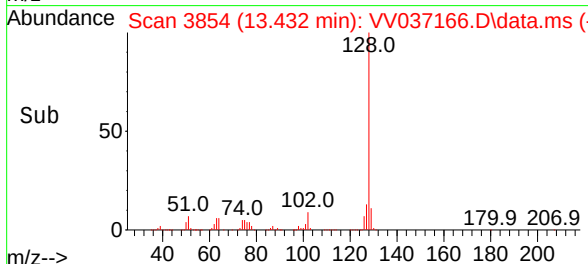
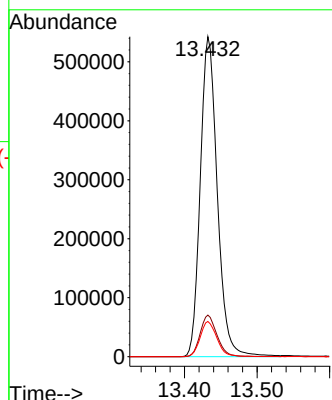
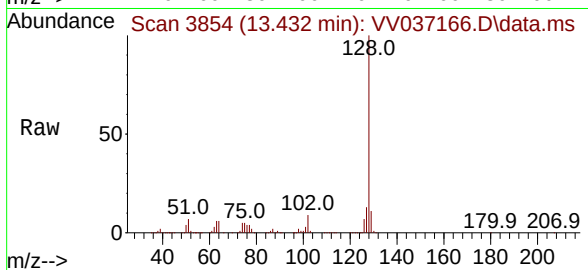
Tgt Ion:128 Resp: 885332

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: 51.980 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.000 min

Lab File: VV037166.D

Acq: 29 Aug 2024 18:23

Tgt Ion:180 Resp: 291368

Ion Ratio Lower Upper

180 100

182 93.5 75.1 112.7

145 34.0 27.0 40.4

