

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062724\
 Data File : VV036298.D
 Acq On : 27 Jun 2024 08:52
 Operator : SY/MD
 Sample : VSTD025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 28 00:03:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 00:02:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	389094	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	394100	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	214356	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	178199	26.967	ug/L	0.00
7) Chloroethane-d5	1.526	69	138206	26.185	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.050	65	80479	25.907	ug/L	0.00
21) 2-Butanone-d5	3.835	46	76573	51.701	ug/L	0.00
24) Chloroform-d	4.243	84	297701	25.920	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	161139	26.309	ug/L	0.00
32) Benzene-d6	4.954	84	581801	26.152	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.986	67	176355	23.769	ug/L	0.00
41) Toluene-d8	7.240	98	545868	27.214	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	79241	26.518	ug/L	0.00
47) 2-Hexanone-d5	8.031	63	58231	54.313	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	136651	24.912	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	195617	25.042	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.102	85	195007	26.378	ug/L	100
3) Chloromethane	1.211	50	174367	26.057	ug/L	100
5) Vinyl chloride	1.275	62	199579	25.828	ug/L	100
6) Bromomethane	1.481	94	134450	25.870	ug/L	100
8) Chloroethane	1.542	64	123752	25.985	ug/L	100
9) Trichlorofluoromethane	1.706	101	286126	25.927	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	180624	26.093	ug/L	100
12) 1,1-Dichloroethene	2.060	96	161964	26.427	ug/L	100
13) Acetone	2.384	43	66405	34.669	ug/L	100
14) Carbon disulfide	2.230	76	511159	26.435	ug/L	100
15) Methyl Acetate	2.384	43	68651	24.909	ug/L	100
16) Methylene chloride	2.439	84	172805	22.559	ug/L	100
17) trans-1,2-Dichloroethene	2.687	96	158623	26.067	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	377854	26.675	ug/L	100
19) 1,1-Dichloroethane	3.105	63	284026	26.252	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	161103	26.323	ug/L	100
22) 2-Butanone	3.909	43	81735	53.284	ug/L	100
23) Bromochloromethane	4.143	128	82905	25.978	ug/L	100
25) Chloroform	4.269	83	298977	25.908	ug/L	100
27) 1,2-Dichloroethane	5.037	62	198705	26.592	ug/L	100
29) Cyclohexane	4.574	56	229390	27.321	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	256006	26.199	ug/L	100
31) Carbon tetrachloride	4.725	117	226278	25.989	ug/L	100
33) Benzene	5.002	78	621907	26.643	ug/L	100
34) Trichloroethene	5.828	95	194740	26.438	ug/L	100
35) Methylcyclohexane	6.043	83	283076	27.576	ug/L	100
37) 1,2-Dichloropropane	6.088	63	161759	27.134	ug/L	100
38) Bromodichloromethane	6.429	83	214457	26.302	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	249183	27.183	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	183442	54.721	ug/L	100
42) Toluene	7.310	91	680590	27.885	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	225340	27.330	ug/L	100

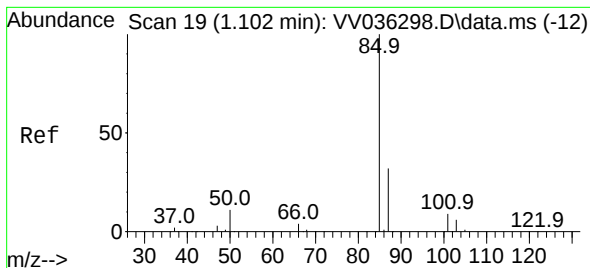
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062724\
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Quant Time: Jun 28 00:03:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 00:02:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	140033	26.576	ug/L	100
46) Tetrachloroethene	7.902	164	138472	25.867	ug/L	100
48) 2-Hexanone	8.079	43	140192	52.651	ug/L	100
49) Dibromochloromethane	8.172	129	154831	26.359	ug/L	100
50) 1,2-Dibromoethane	8.281	107	137931	26.572	ug/L	100
51) Chlorobenzene	8.812	112	430804	25.821	ug/L	100
52) Ethylbenzene	8.944	91	717037	27.223	ug/L	100
53) m,p-Xylene	9.069	106	275642	28.079	ug/L	100
54) o-Xylene	9.474	106	257225	27.864	ug/L	100
55) Styrene	9.493	104	468806	28.977	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	119511	25.342	ug/L	100
59) Bromoform	9.661	173	105120	25.907	ug/L	100
60) Isopropylbenzene	9.863	105	712362	27.492	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	126252	26.099	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	514367	27.738	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	573184	28.444	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	357359	26.467	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	369928	25.560	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	338853	26.288	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.362	75	27707	25.530	ug/L	100
69) 1,3,5-Trichlorobenzene	12.577	180	264180	25.985	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	208277	25.689	ug/L	100
71) Naphthalene	13.435	128	371985	25.733	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	199157	26.123	ug/L	100

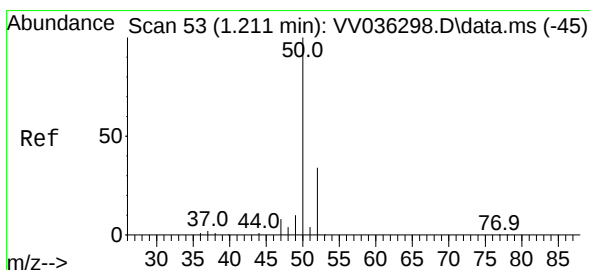
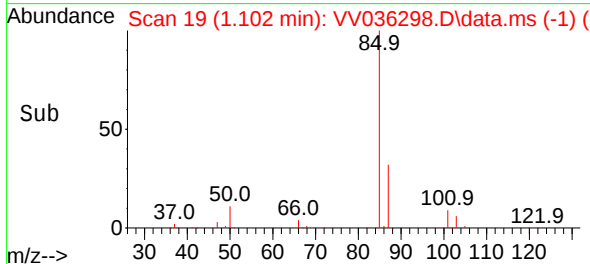
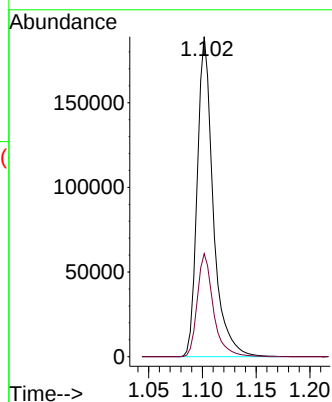
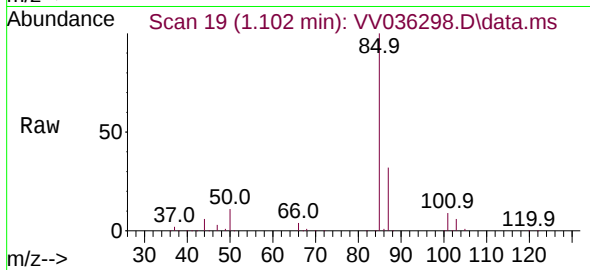
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 26.378 ug/L
 RT: 1.102 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VV036298.D
 Acq: 27 Jun 2024 08:52

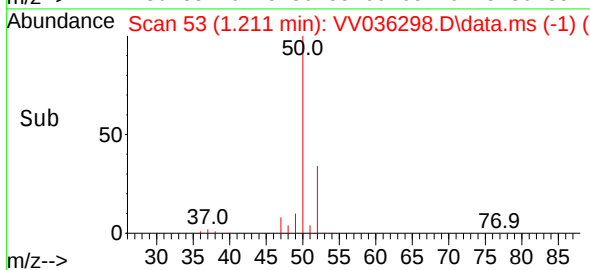
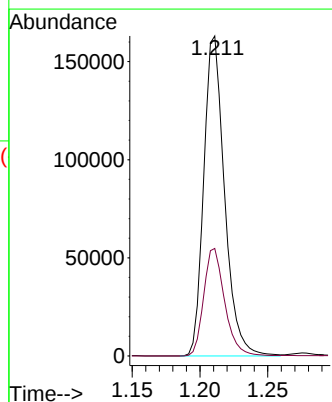
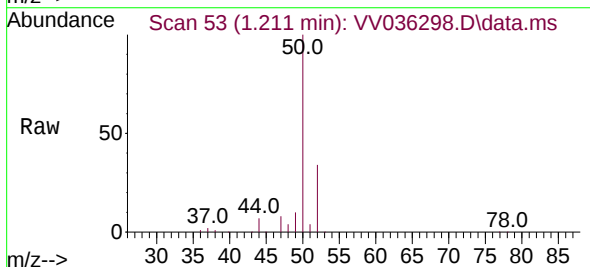
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 MSVOA_V
 ClientSampleId :

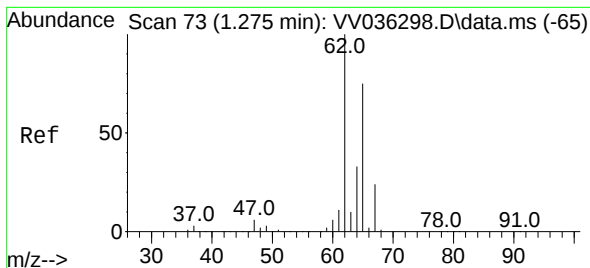
Tgt Ion: 85 Resp: 195007
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.9 38.9



#3
 Chloromethane
 Concen: 26.057 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. 0.000 min
 Lab File: VV036298.D
 Acq: 27 Jun 2024 08:52

Tgt Ion: 50 Resp: 174367
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.5 43.7





#5

Vinyl chloride

Concen: 25.828 ug/L

RT: 1.275 min Scan# 74

Delta R.T. 0.000 min

Lab File: VV036298.D

Acq: 27 Jun 2024 08:52

Instrument :

MSVOA_V

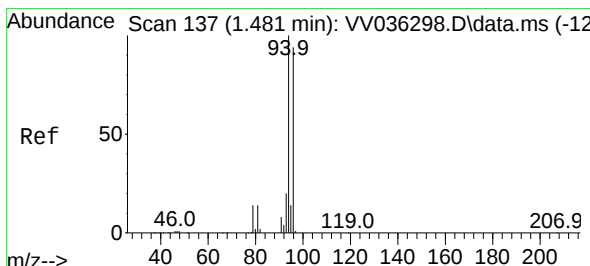
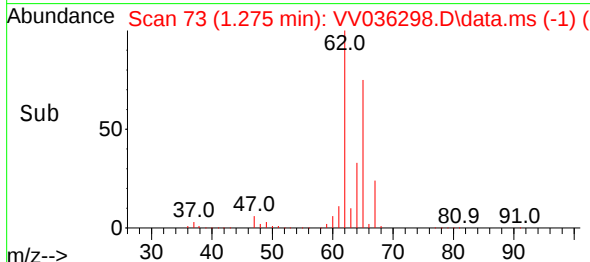
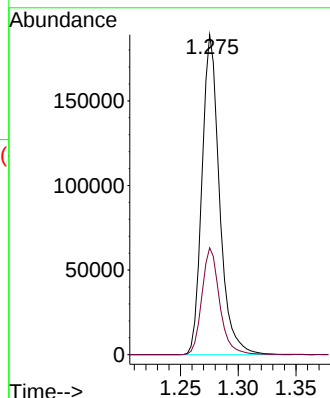
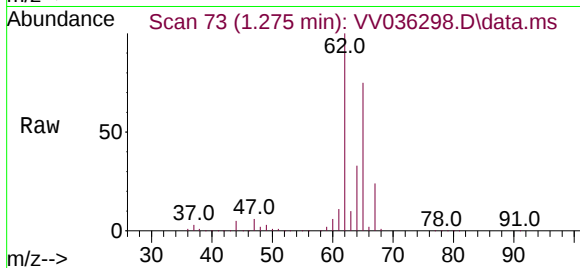
ClientSampleId :

Tgt Ion: 62 Resp: 199579

Ion Ratio Lower Upper

62 100

64 33.4 23.4 43.4



#6

Bromomethane

Concen: 25.870 ug/L

RT: 1.481 min Scan# 137

Delta R.T. 0.000 min

Lab File: VV036298.D

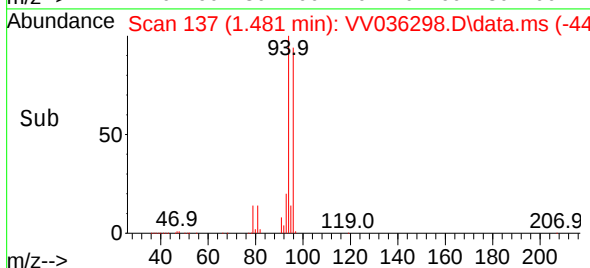
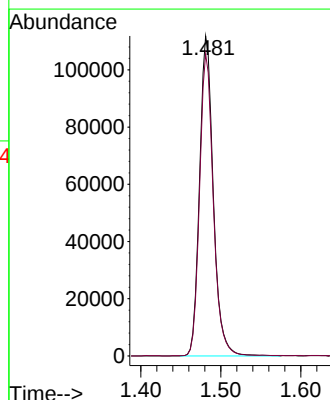
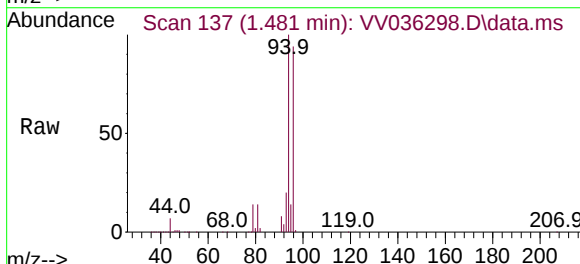
Acq: 27 Jun 2024 08:52

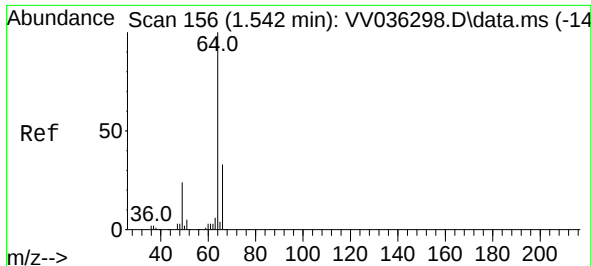
Tgt Ion: 94 Resp: 134450

Ion Ratio Lower Upper

94 100

96 94.4 66.1 122.7

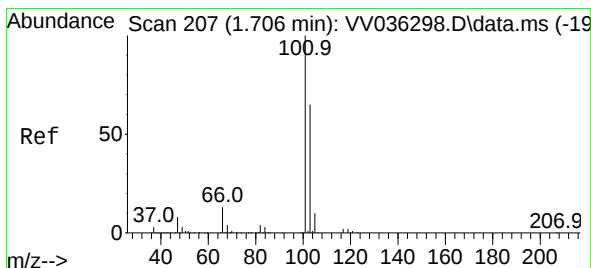
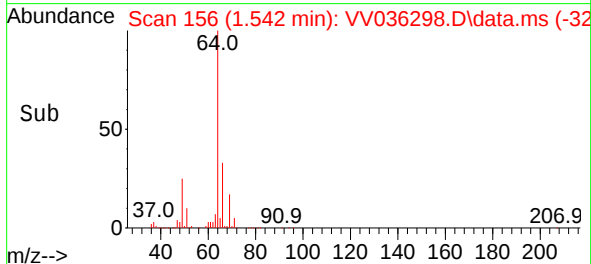
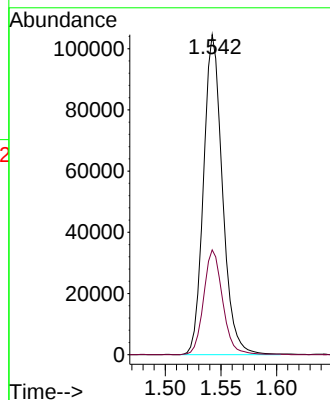
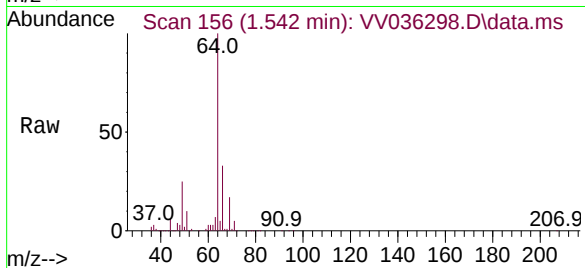




#8
Chloroethane
Concen: 25.985 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.000 min
Lab File: VV036298.D
Acq: 27 Jun 2024 08:52

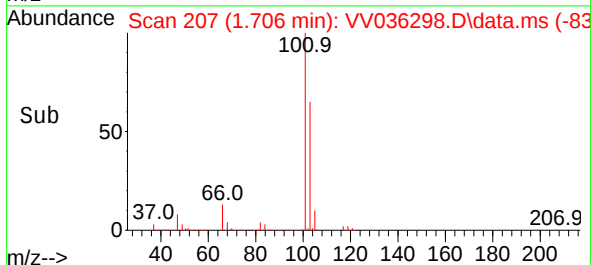
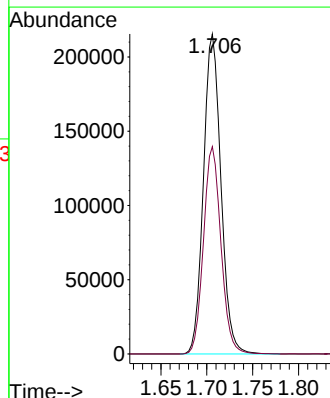
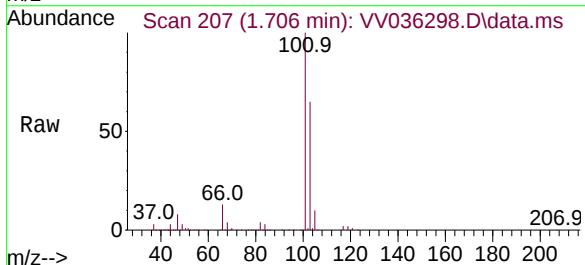
Instrument :
MSVOA_V
ClientSampleId :

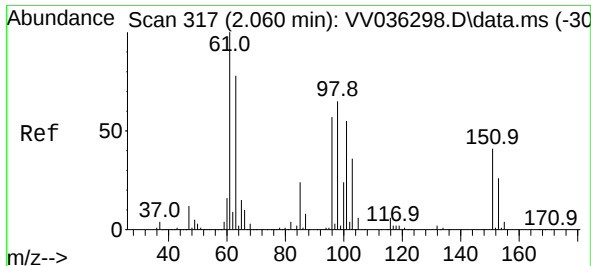
Tgt Ion: 64 Resp: 123752
Ion Ratio Lower Upper
64 100
66 32.8 23.0 42.6



#9
Trichlorofluoromethane
Concen: 25.927 ug/L
RT: 1.706 min Scan# 207
Delta R.T. 0.000 min
Lab File: VV036298.D
Acq: 27 Jun 2024 08:52

Tgt Ion:101 Resp: 286126
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5





#10

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

Concen: 26.093 ug/L

RT: 2.060 min Scan# 317

Delta R.T. 0.000 min

Lab File: VV036298.D

Acq: 27 Jun 2024 08:52

Instrument :

MSVOA_V

ClientSampleId :

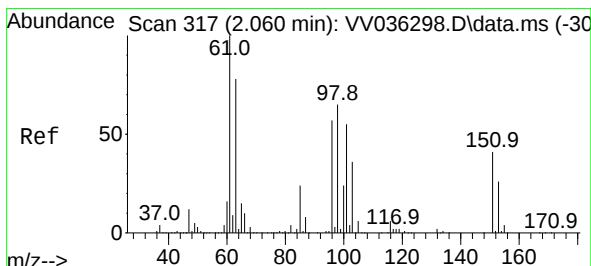
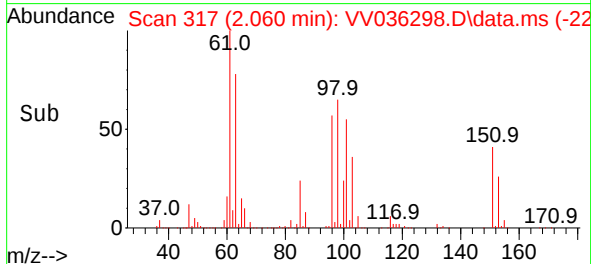
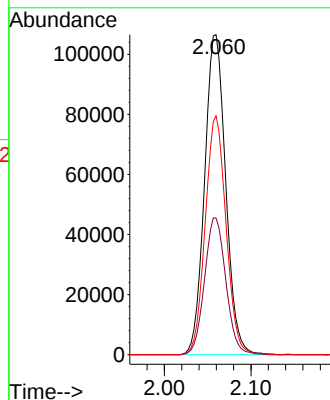
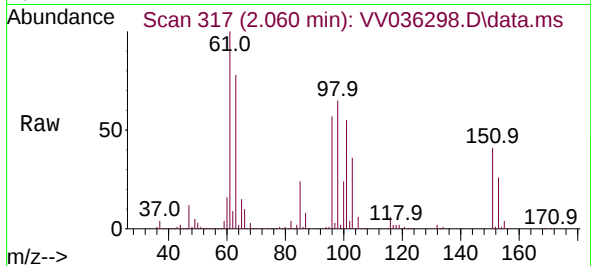
Tgt Ion:101 Resp: 180624

Ion Ratio Lower Upper

101 100

85 43.2 34.6 51.8

151 73.6 58.9 88.3



#12

1,1-Dichloroethene

Concen: 26.427 ug/L

RT: 2.060 min Scan# 317

Delta R.T. 0.000 min

Lab File: VV036298.D

Acq: 27 Jun 2024 08:52

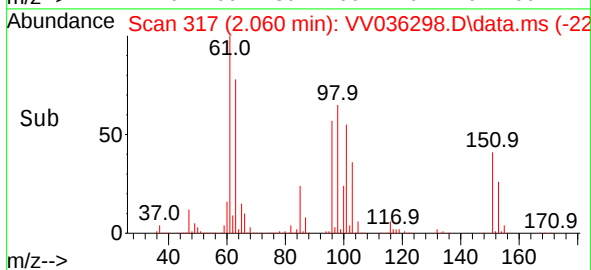
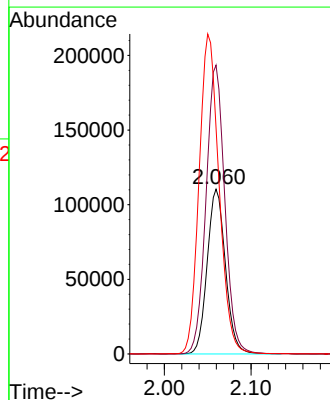
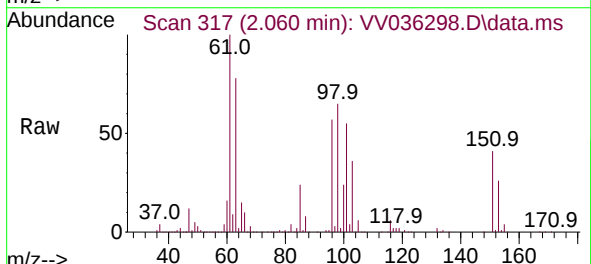
Tgt Ion: 96 Resp: 161964

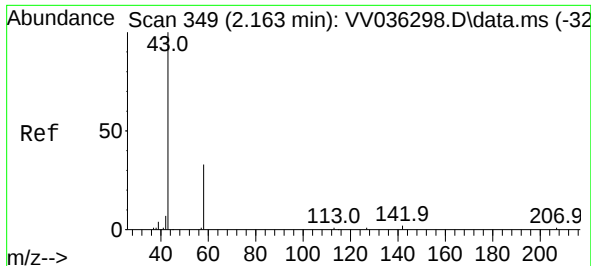
Ion Ratio Lower Upper

96 100

61 175.2 122.6 227.8

63 137.3 96.1 178.5

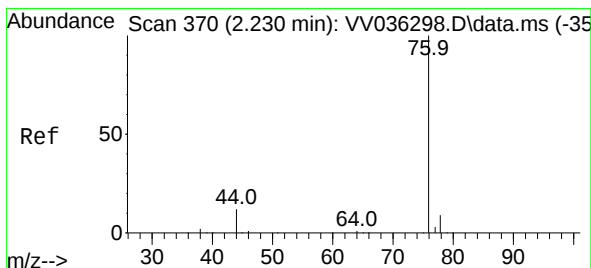
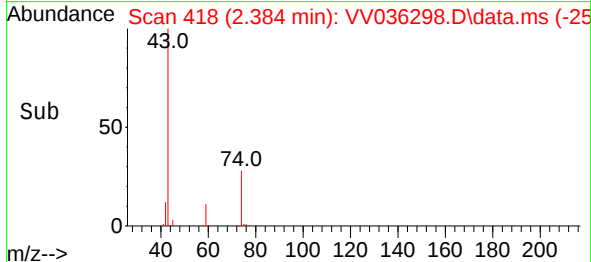
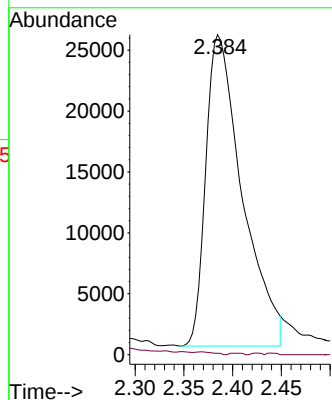
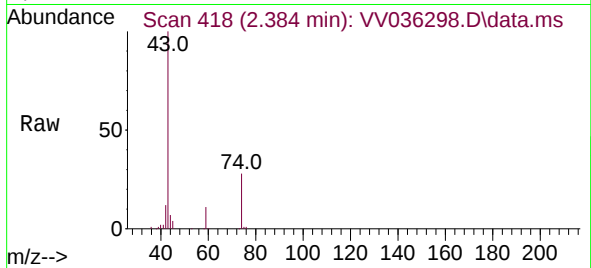




#13
Acetone
Concen: 34.669 ug/L
RT: 2.384 min Scan# 418
Delta R.T. 0.222 min
Lab File: VV036298.D
Acq: 27 Jun 2024 08:52

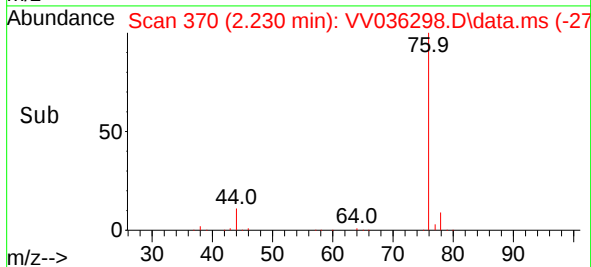
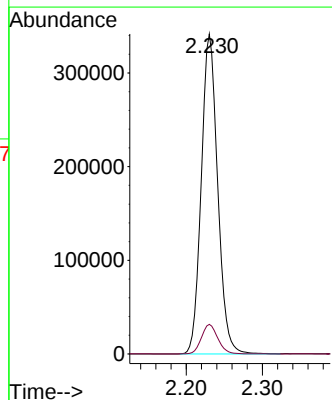
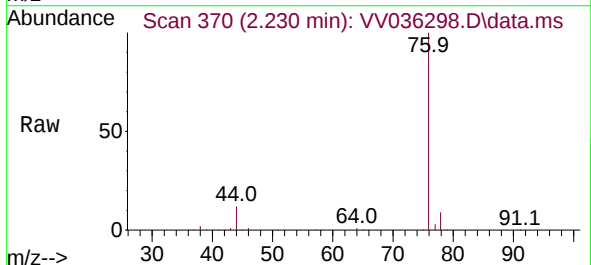
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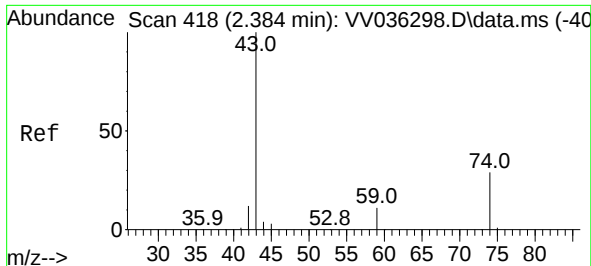
Tgt Ion: 43 Resp: 66405
Ion Ratio Lower Upper
43 100
58 0.4 0.0 0.6



#14
Carbon disulfide
Concen: 26.435 ug/L
RT: 2.230 min Scan# 370
Delta R.T. 0.000 min
Lab File: VV036298.D
Acq: 27 Jun 2024 08:52

Tgt Ion: 76 Resp: 511159
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2





#15

Methyl Acetate

Concen: 24.909 ug/L

RT: 2.384 min Scan# 418

Delta R.T. 0.000 min

Lab File: VV036298.D

Acq: 27 Jun 2024 08:52

Instrument :

MSVOA_V

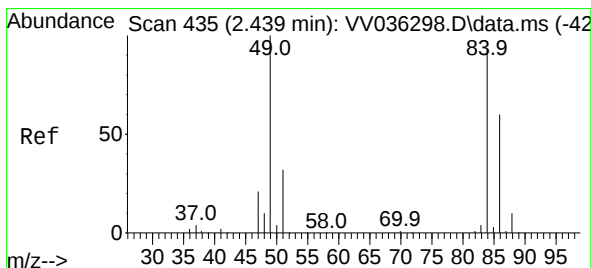
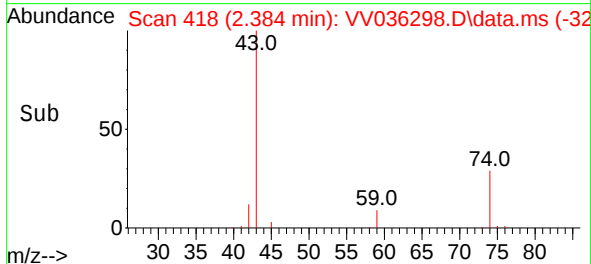
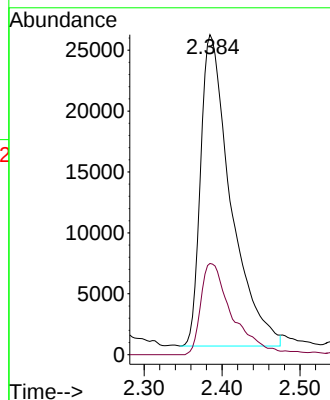
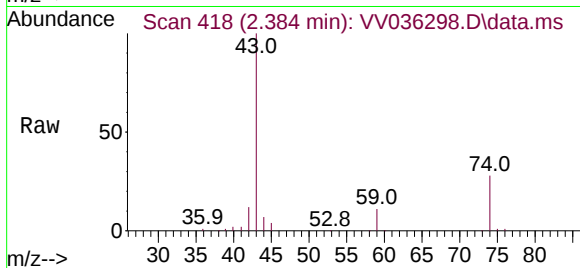
ClientSampleId :

Tgt Ion: 43 Resp: 68651

Ion Ratio Lower Upper

43 100

74 29.7 23.8 35.6



#16

Methylene chloride

Concen: 22.559 ug/L

RT: 2.439 min Scan# 435

Delta R.T. 0.000 min

Lab File: VV036298.D

Acq: 27 Jun 2024 08:52

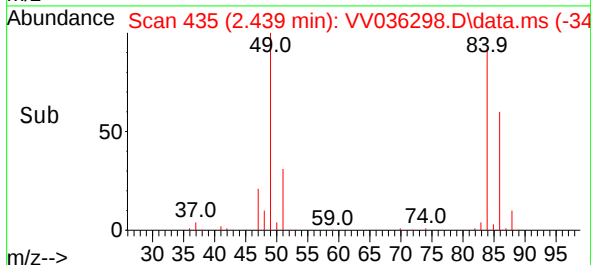
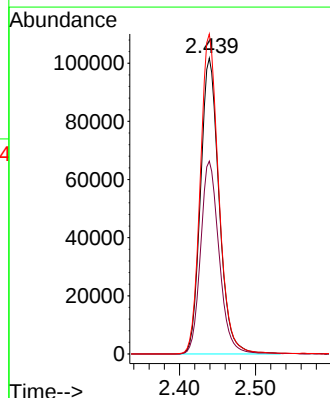
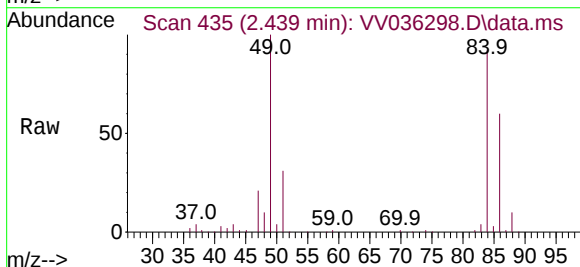
Tgt Ion: 84 Resp: 172805

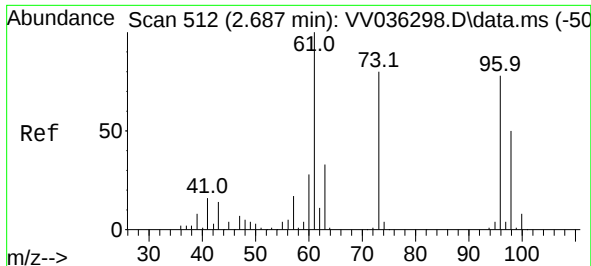
Ion Ratio Lower Upper

84 100

86 65.2 45.6 84.8

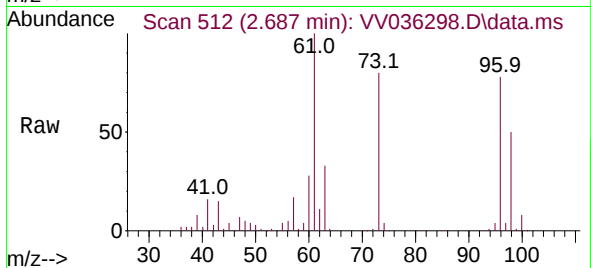
49 108.1 75.7 140.5





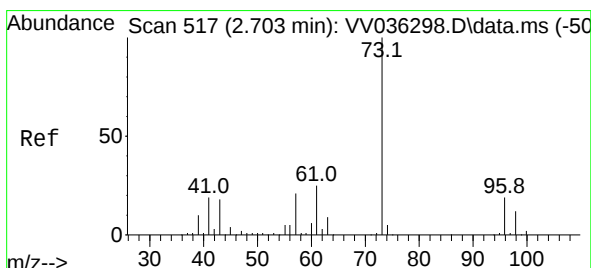
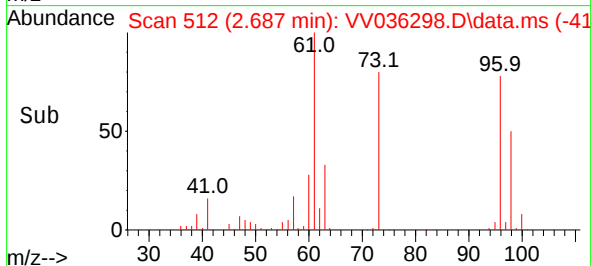
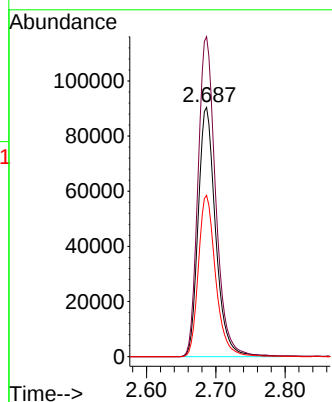
#17
trans-1,2-Dichloroethene
Concen: 26.067 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.000 min
Lab File: VV036298.D
Acq: 27 Jun 2024 08:52

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 158623

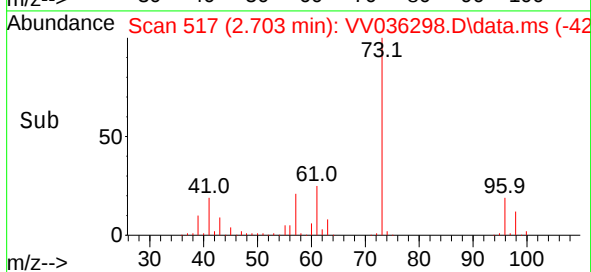
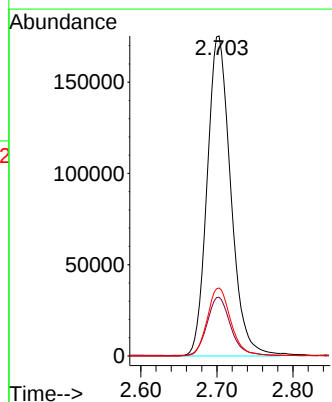
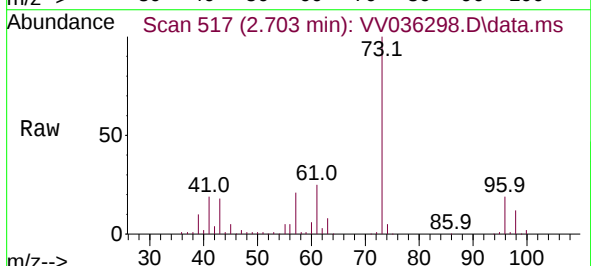
Ion	Ratio	Lower	Upper
96	100		
61	128.3	89.8	166.8
98	64.7	45.3	84.1

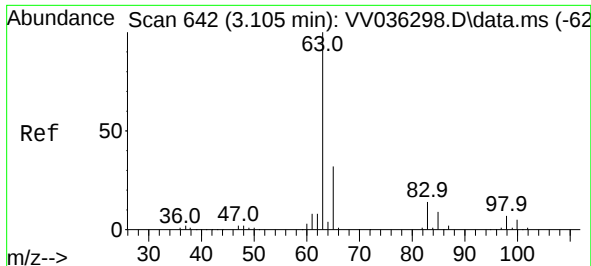


#18
Methyl tert-butyl Ether
Concen: 26.675 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV036298.D
Acq: 27 Jun 2024 08:52

Tgt Ion: 73 Resp: 377854

Ion	Ratio	Lower	Upper
73	100		
43	18.4	14.7	22.1
57	21.3	17.0	25.6

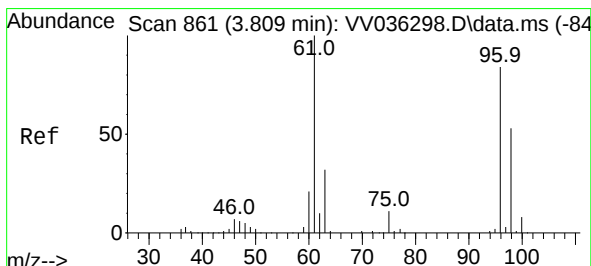
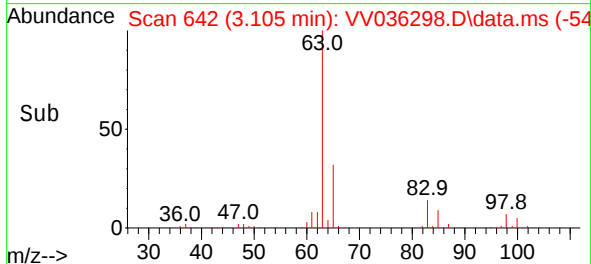
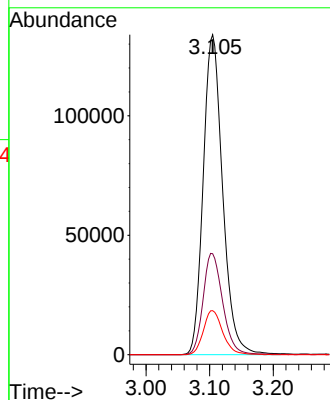
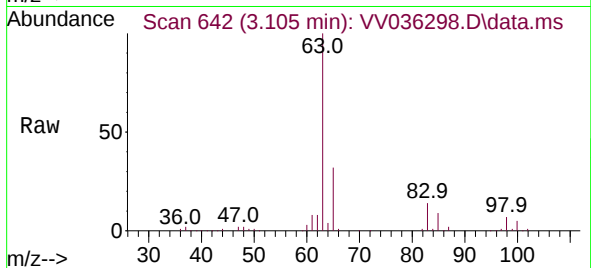




#19
1,1-Dichloroethane
Concen: 26.252 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV036298.D
Acq: 27 Jun 2024 08:52

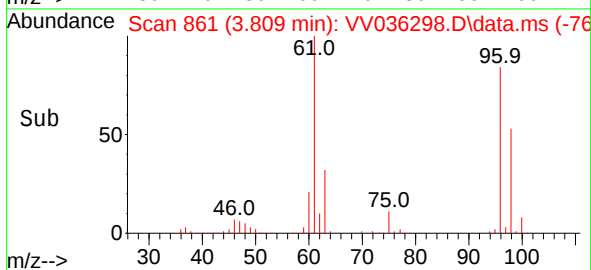
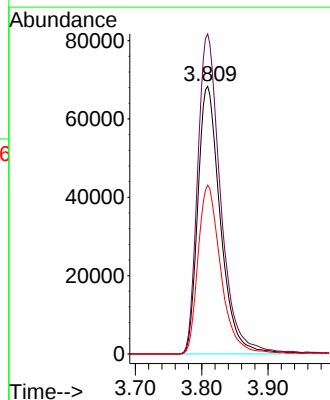
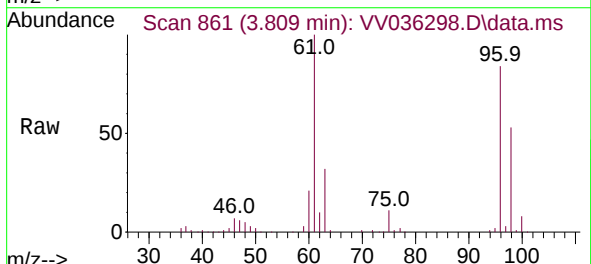
Instrument :
MSVOA_V
ClientSampleId :

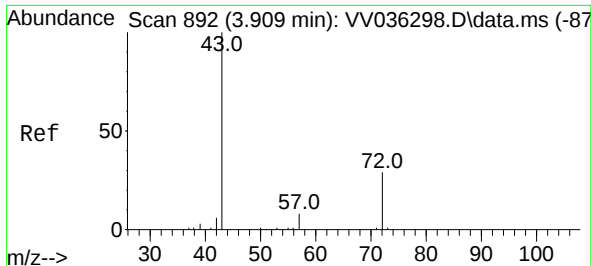
Tgt Ion: 63 Resp: 284026
Ion Ratio Lower Upper
63 100
65 31.6 22.1 41.1
83 13.8 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 26.323 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV036298.D
Acq: 27 Jun 2024 08:52

Tgt Ion: 96 Resp: 161103
Ion Ratio Lower Upper
96 100
61 119.6 83.7 155.5
98 63.1 44.2 82.0





#22

2-Butanone

Concen: 53.284 ug/L

RT: 3.909 min Scan# 892

Delta R.T. 0.000 min

Lab File: VV036298.D

Acq: 27 Jun 2024 08:52

Instrument :

MSVOA_V

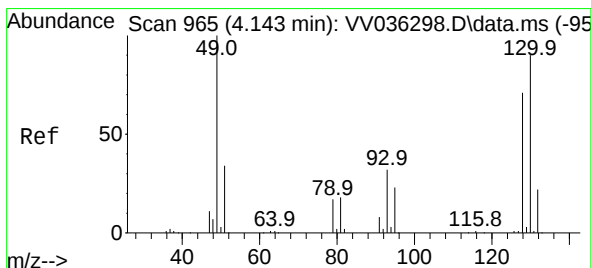
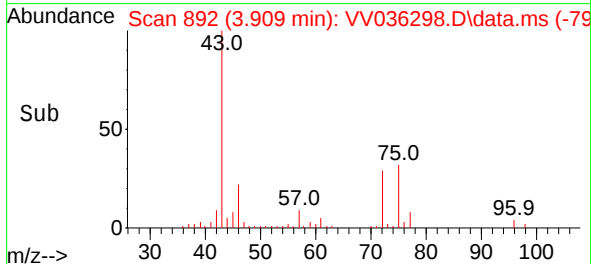
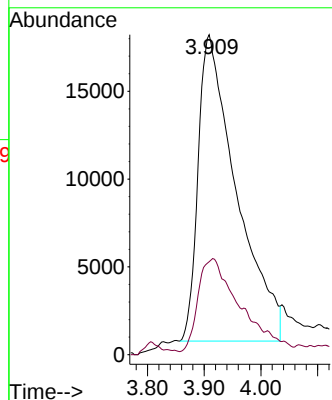
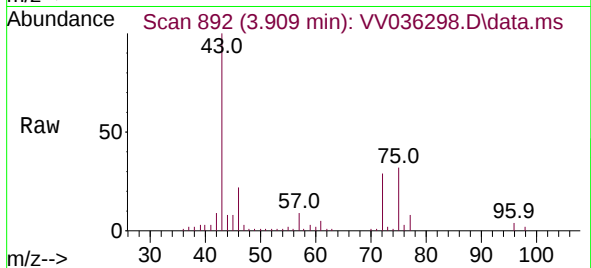
ClientSampleId :

Tgt Ion: 43 Resp: 81735

Ion Ratio Lower Upper

43 100

72 25.8 12.9 38.7



#23

Bromochloromethane

Concen: 25.978 ug/L

RT: 4.143 min Scan# 965

Delta R.T. 0.000 min

Lab File: VV036298.D

Acq: 27 Jun 2024 08:52

Tgt Ion:128 Resp: 82905

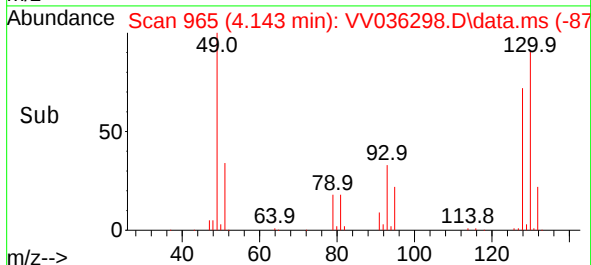
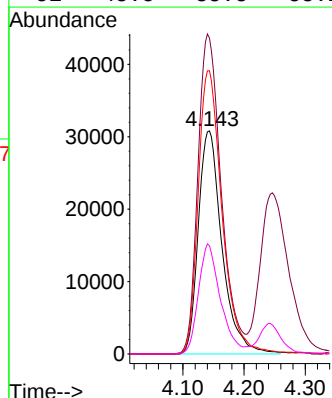
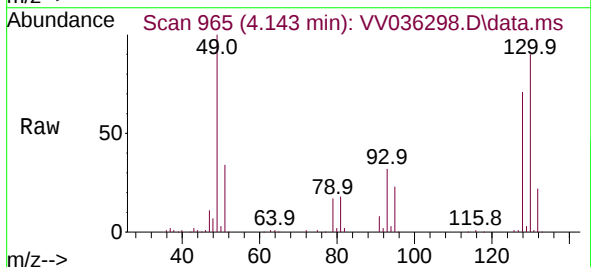
Ion Ratio Lower Upper

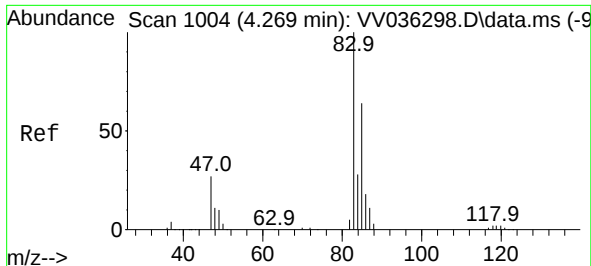
128 100

49 141.7 99.2 184.2

130 127.0 88.9 165.1

51 48.5 38.8 58.2





#25

Chloroform

Concen: 25.908 ug/L

RT: 4.269 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VV036298.D

Acq: 27 Jun 2024 08:52

Instrument :

MSVOA_V

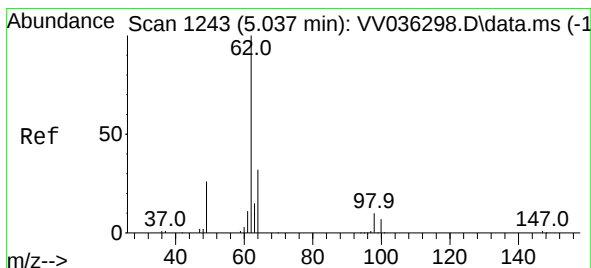
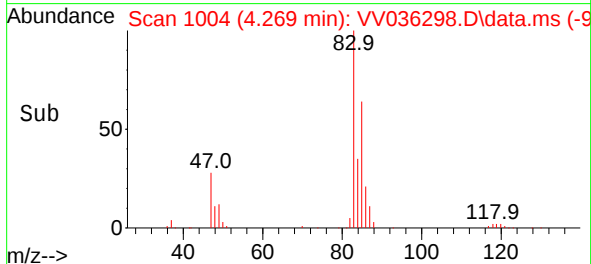
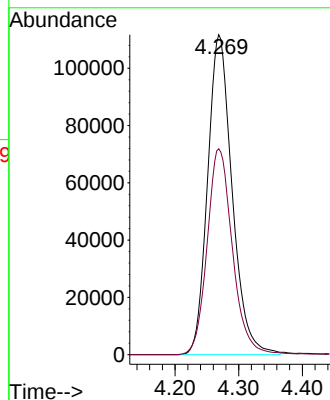
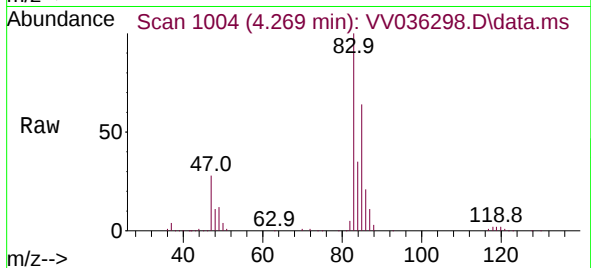
ClientSampleId :

Tgt Ion: 83 Resp: 298977

Ion Ratio Lower Upper

83 100

85 64.3 45.0 83.6



#27

1,2-Dichloroethane

Concen: 26.592 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV036298.D

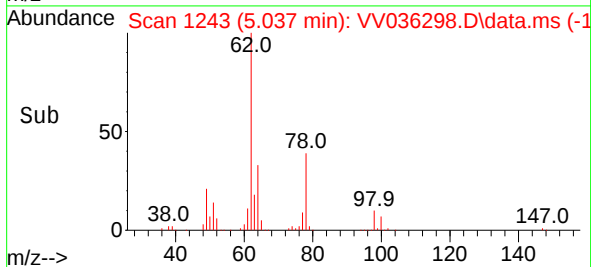
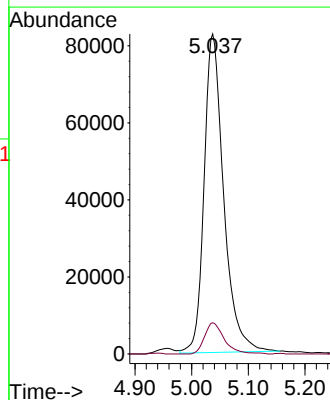
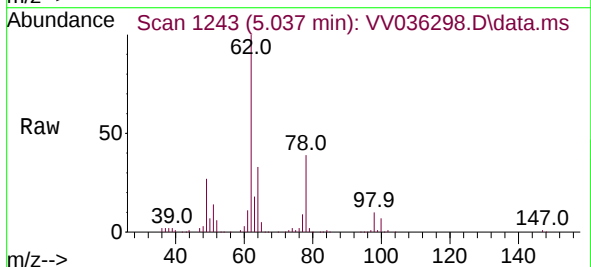
Acq: 27 Jun 2024 08:52

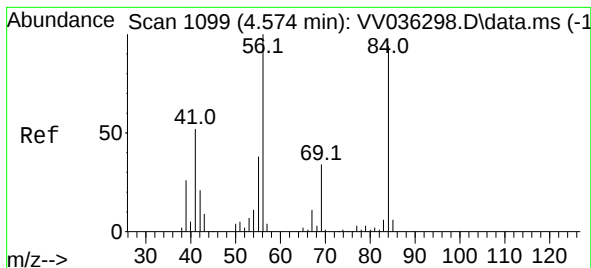
Tgt Ion: 62 Resp: 198705

Ion Ratio Lower Upper

62 100

98 9.8 7.8 11.8





#29

Cyclohexane

Concen: 27.321 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.000 min

Lab File: VV036298.D

Acq: 27 Jun 2024 08:52

Instrument :

MSVOA_V

ClientSampleId :

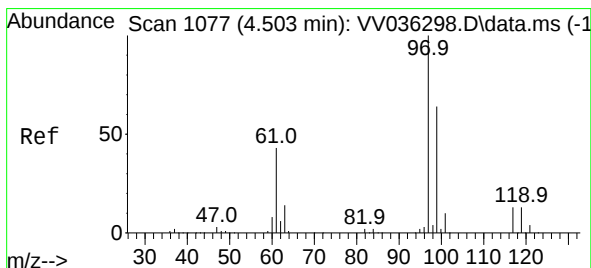
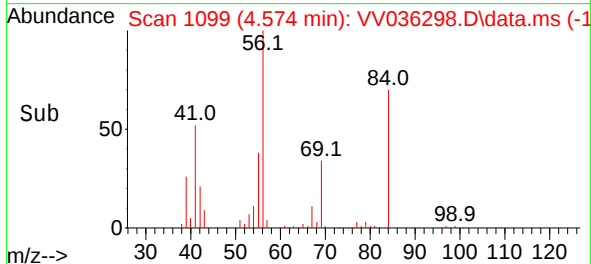
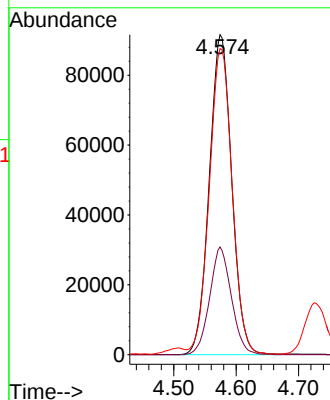
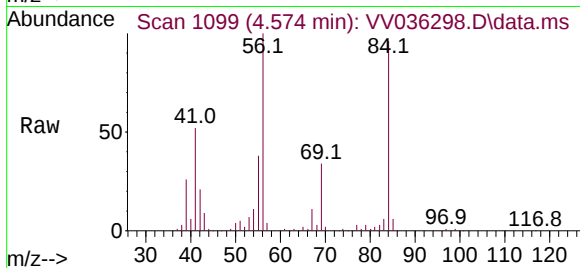
Tgt Ion: 56 Resp: 229390

Ion Ratio Lower Upper

56 100

69 32.5 26.0 39.0

84 96.7 77.4 116.0



#30

1,1,1-Trichloroethane

Concen: 26.199 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VV036298.D

Acq: 27 Jun 2024 08:52

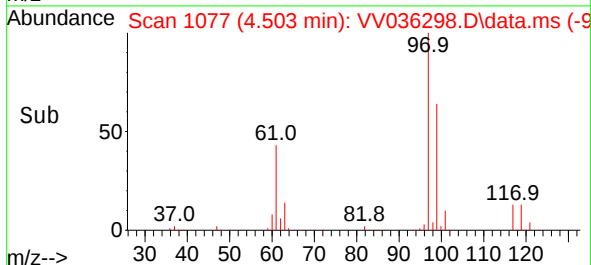
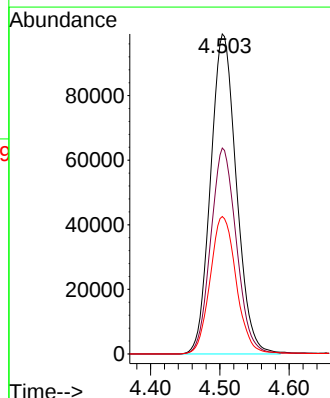
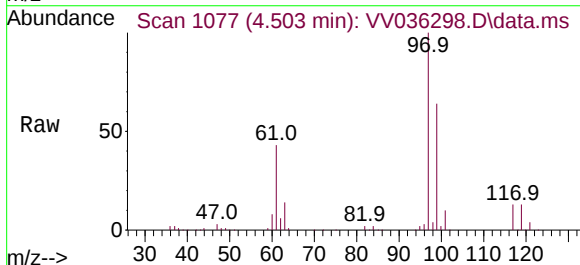
Tgt Ion: 97 Resp: 256006

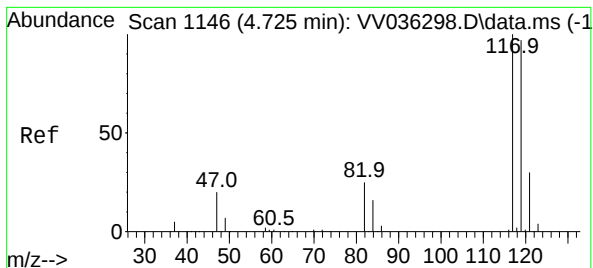
Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.0

61 43.5 34.8 52.2





#31

Carbon tetrachloride

Concen: 25.989 ug/L

RT: 4.725 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VV036298.D

Acq: 27 Jun 2024 08:52

Instrument :

MSVOA_V

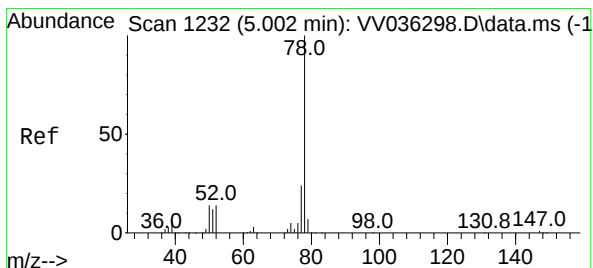
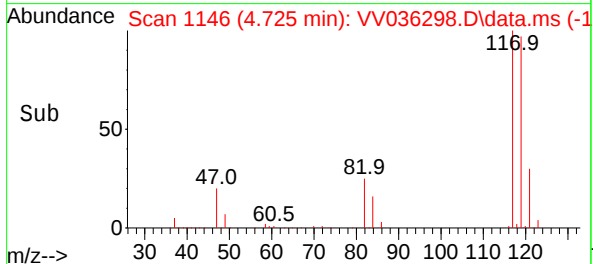
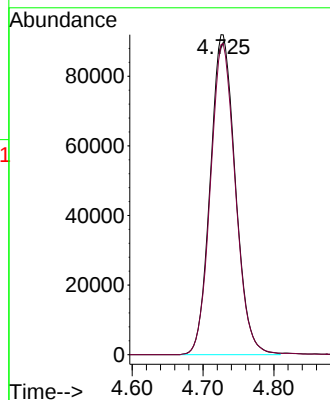
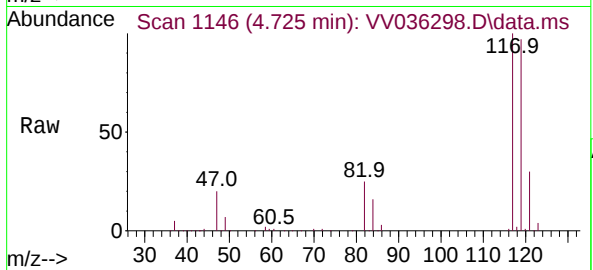
ClientSampleId :

Tgt Ion:117 Resp: 226278

Ion Ratio Lower Upper

117 100

119 96.5 77.2 115.8



#33

Benzene

Concen: 26.643 ug/L

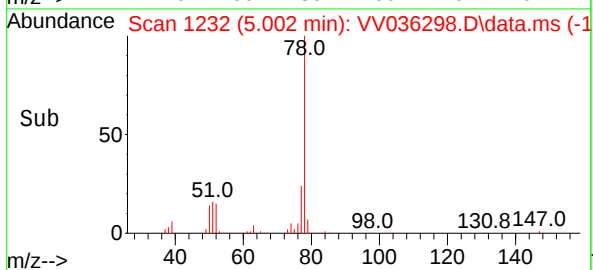
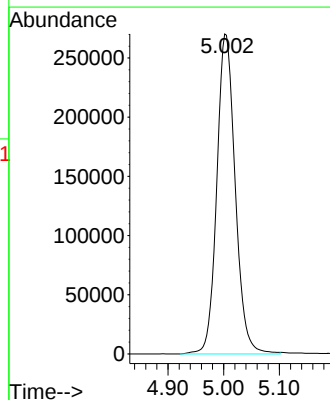
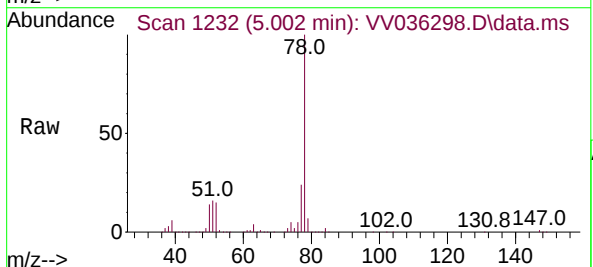
RT: 5.002 min Scan# 1232

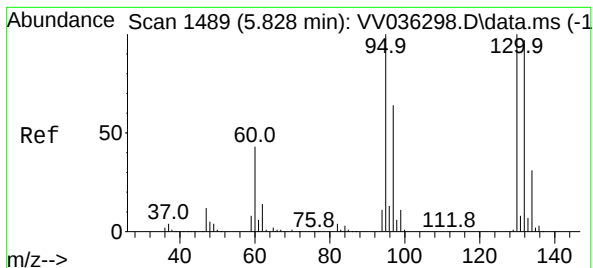
Delta R.T. 0.000 min

Lab File: VV036298.D

Acq: 27 Jun 2024 08:52

Tgt Ion: 78 Resp: 621907





#34

Trichloroethene

Concen: 26.438 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV036298.D

Acq: 27 Jun 2024 08:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 194740

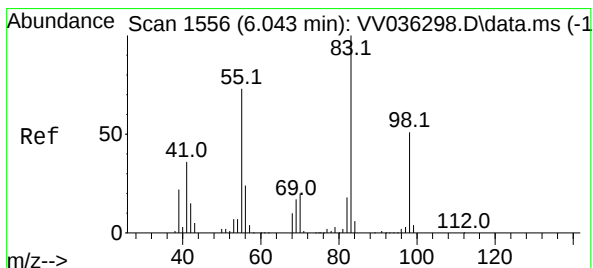
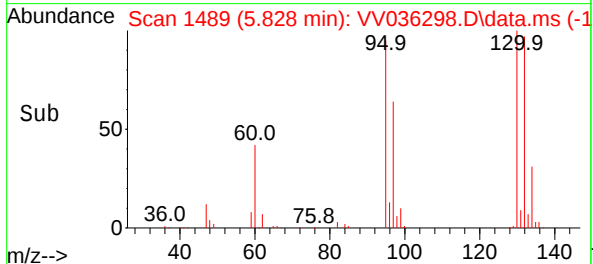
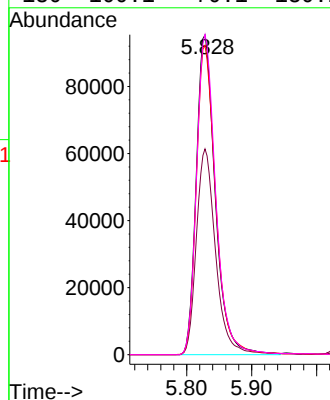
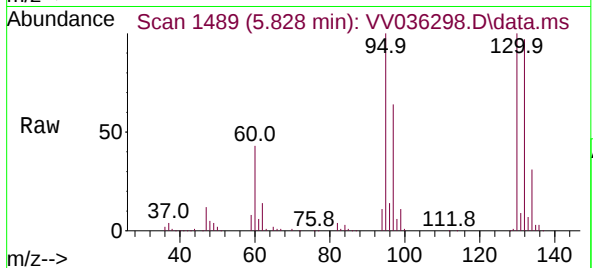
Ion Ratio Lower Upper

95 100

97 64.4 45.1 83.7

132 96.7 67.7 125.7

130 100.1 70.1 130.1



#35

Methylcyclohexane

Concen: 27.576 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VV036298.D

Acq: 27 Jun 2024 08:52

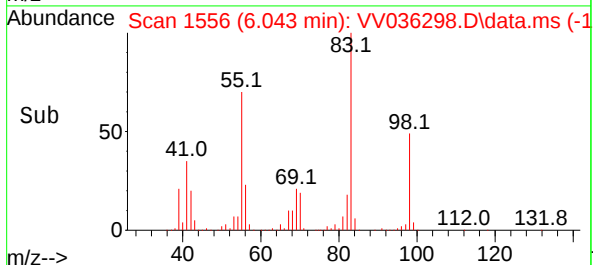
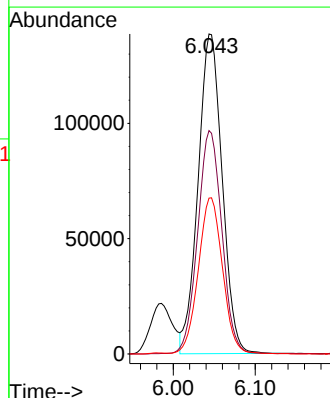
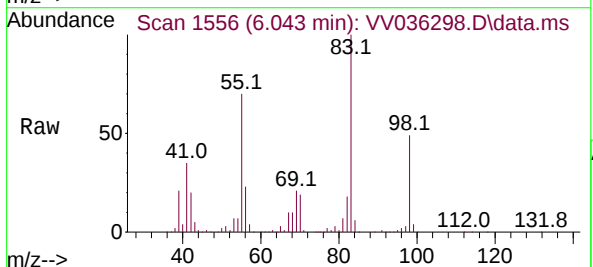
Tgt Ion: 83 Resp: 283076

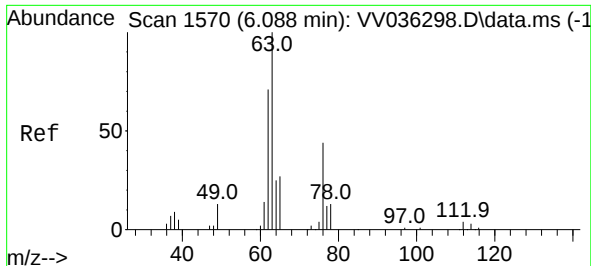
Ion Ratio Lower Upper

83 100

55 70.0 56.0 84.0

98 48.8 39.0 58.6





#37

1,2-Dichloropropane

Concen: 27.134 ug/L

RT: 6.088 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VV036298.D

Acq: 27 Jun 2024 08:52

Instrument :

MSVOA_V

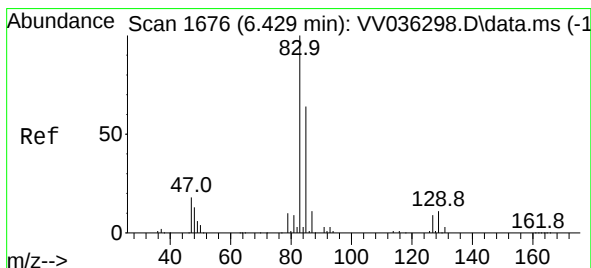
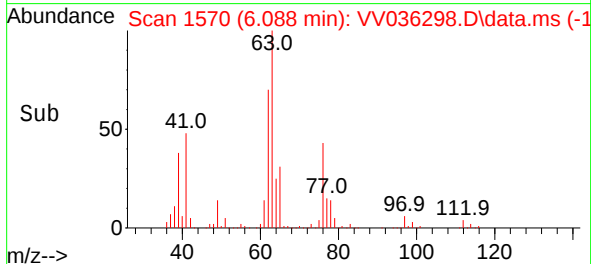
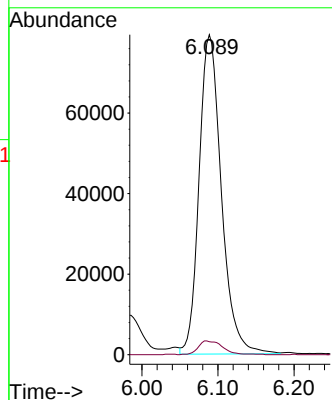
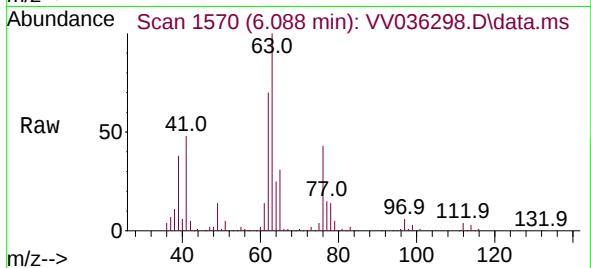
ClientSampleId :

Tgt Ion: 63 Resp: 161759

Ion Ratio Lower Upper

63 100

112 4.3 3.4 5.2



#38

Bromodichloromethane

Concen: 26.302 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VV036298.D

Acq: 27 Jun 2024 08:52

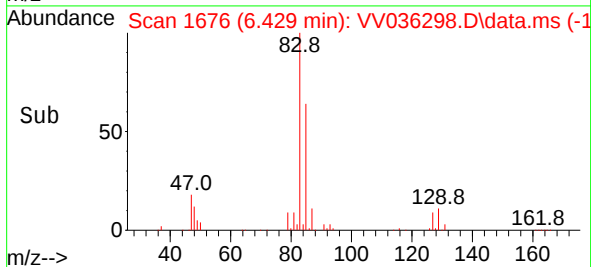
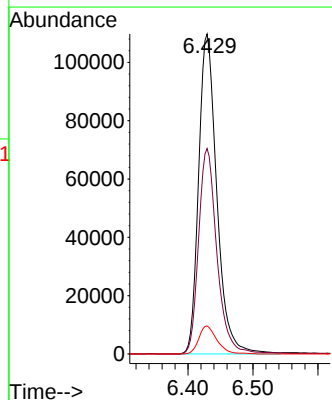
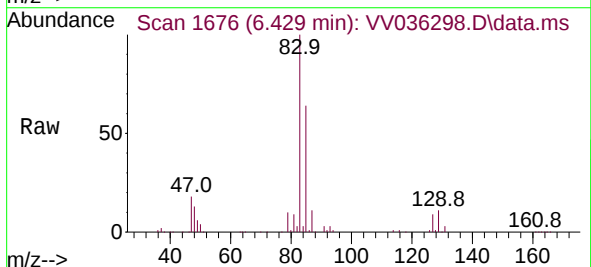
Tgt Ion: 83 Resp: 214457

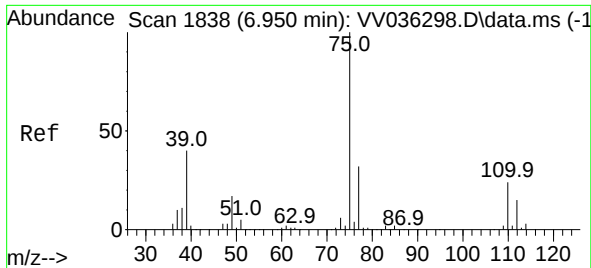
Ion Ratio Lower Upper

83 100

85 64.2 44.9 83.5

127 8.8 7.0 10.6

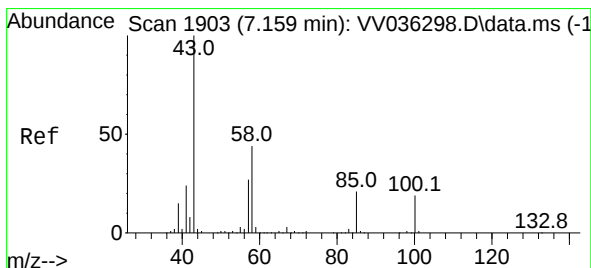
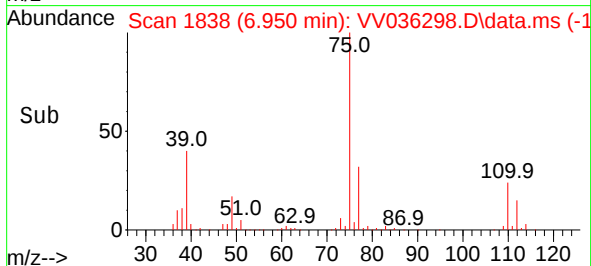
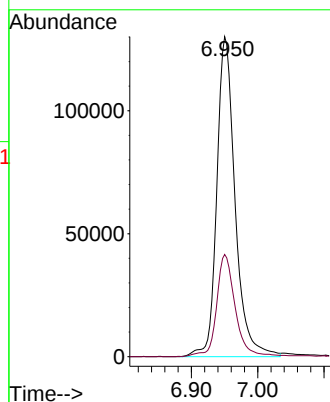
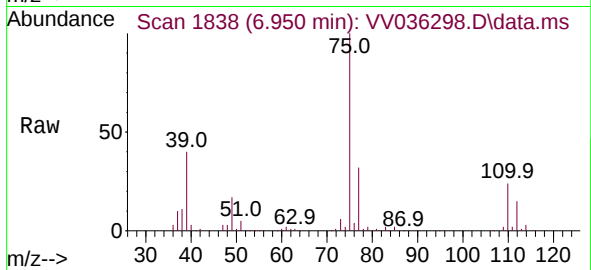




#39
 cis-1,3-Dichloropropene
 Concen: 27.183 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VV036298.D
 Acq: 27 Jun 2024 08:52

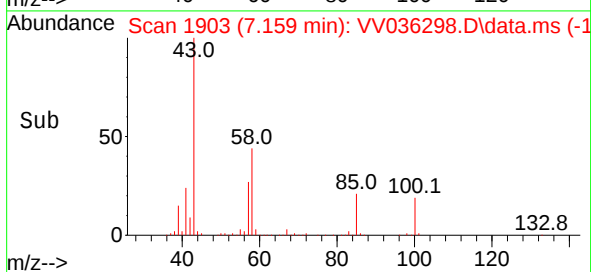
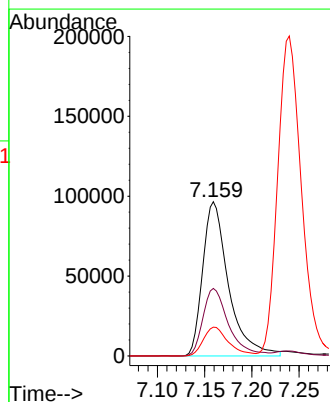
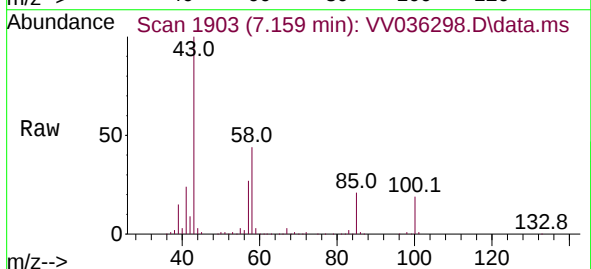
Instrument :
 MSVOA_V
 ClientSampleId :

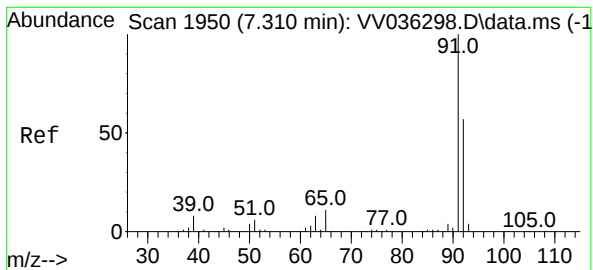
Tgt Ion: 75 Resp: 249183
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 54.721 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VV036298.D
 Acq: 27 Jun 2024 08:52

Tgt Ion: 43 Resp: 183442
 Ion Ratio Lower Upper
 43 100
 58 43.5 34.8 52.2
 100 18.2 14.6 21.8





#42

Toluene

Concen: 27.885 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV036298.D

Acq: 27 Jun 2024 08:52

Instrument :

MSVOA_V

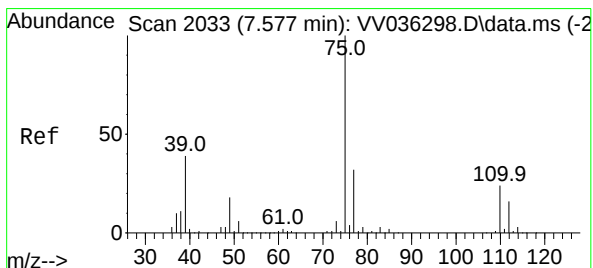
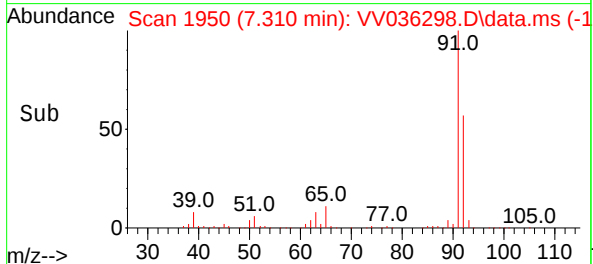
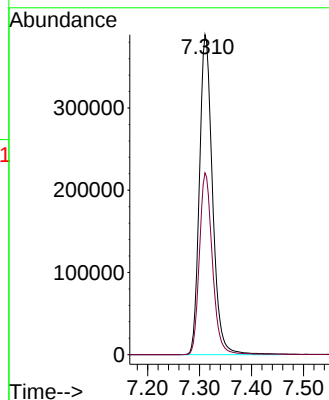
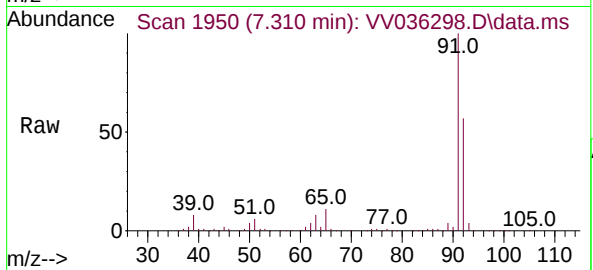
ClientSampleId :

Tgt Ion: 91 Resp: 680590

Ion Ratio Lower Upper

91 100

92 56.8 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 27.330 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV036298.D

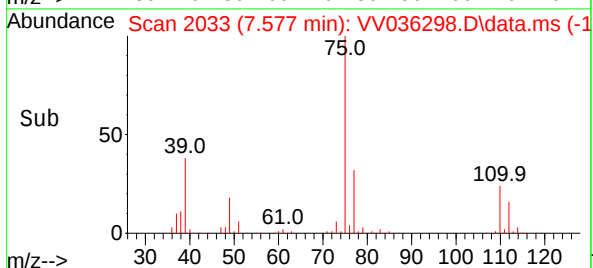
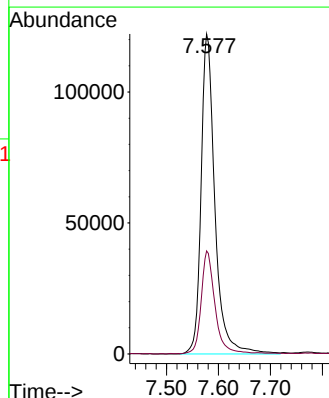
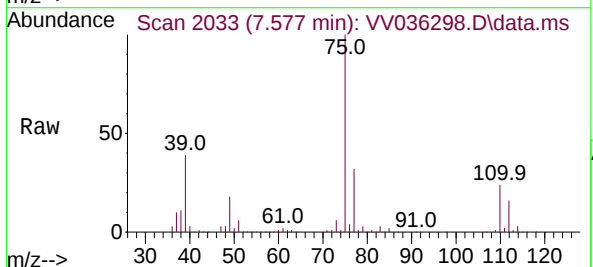
Acq: 27 Jun 2024 08:52

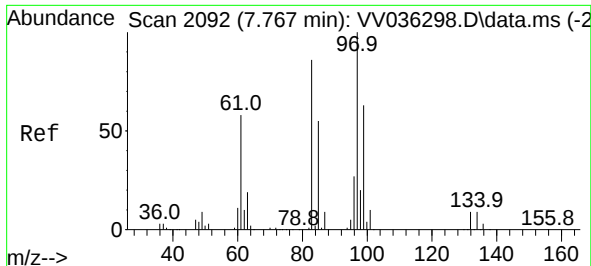
Tgt Ion: 75 Resp: 225340

Ion Ratio Lower Upper

75 100

77 32.2 22.5 41.9

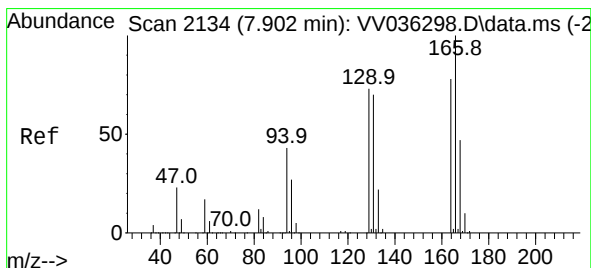
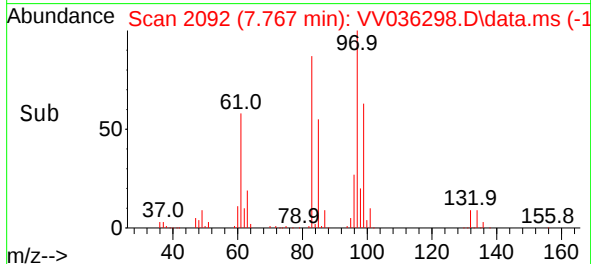
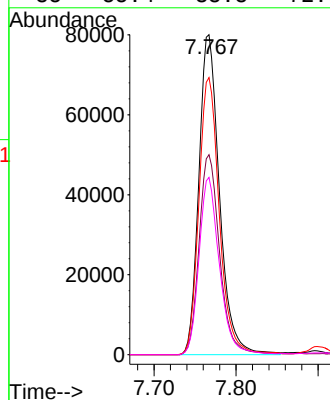
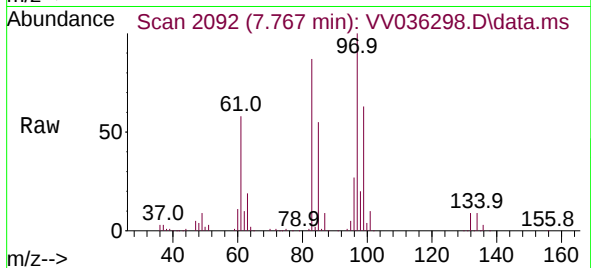




#45
1,1,2-Trichloroethane
Concen: 26.576 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV036298.D
Acq: 27 Jun 2024 08:52

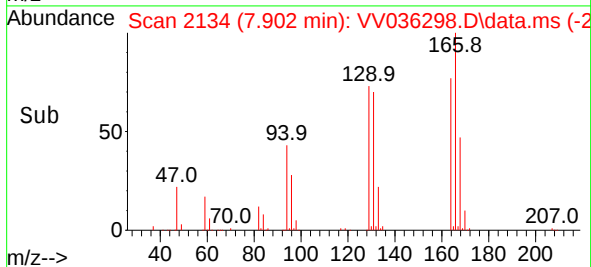
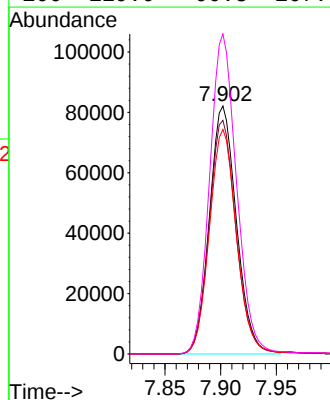
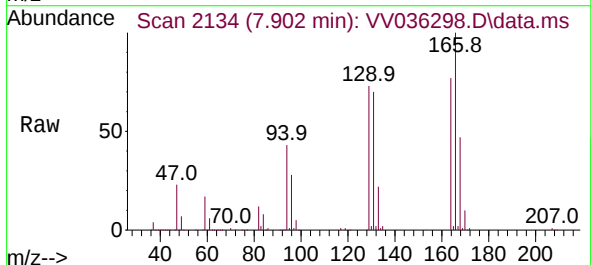
Instrument :
MSVOA_V
ClientSampleId :

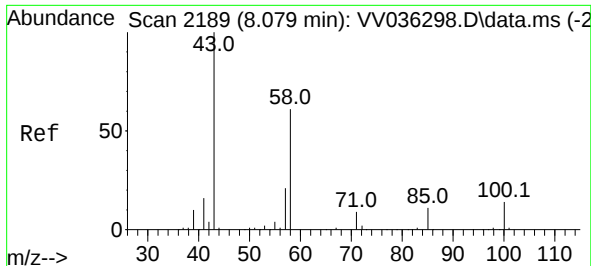
Tgt Ion:	97	Resp:	140033
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.8	81.3
83	86.6	60.6	112.6
85	55.4	38.8	72.0



#46
Tetrachloroethene
Concen: 25.867 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV036298.D
Acq: 27 Jun 2024 08:52

Tgt Ion:	164	Resp:	138472
Ion	Ratio	Lower	Upper
164	100		
129	94.2	65.9	122.5
131	90.5	63.3	117.7
166	129.0	90.3	167.7



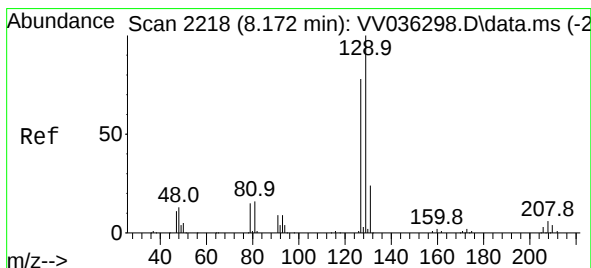
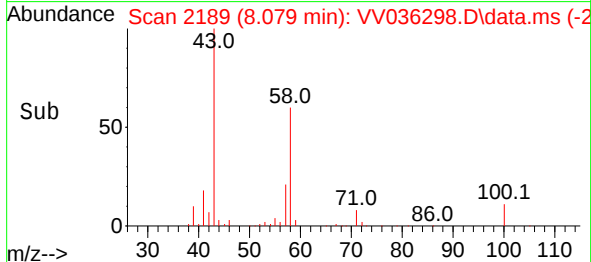
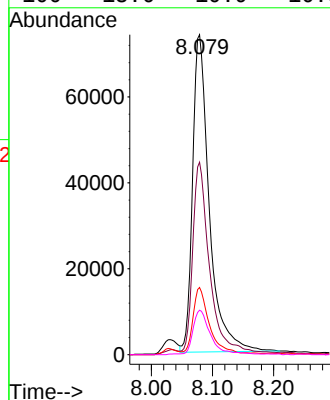
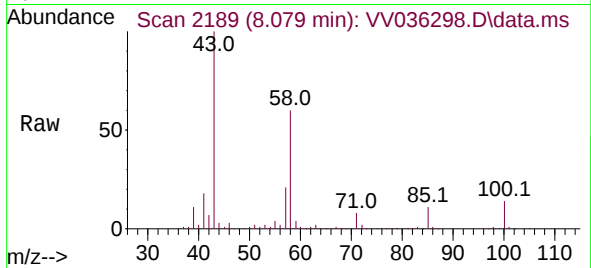


#48
2-Hexanone
Concen: 52.651 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV036298.D
Acq: 27 Jun 2024 08:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 140192

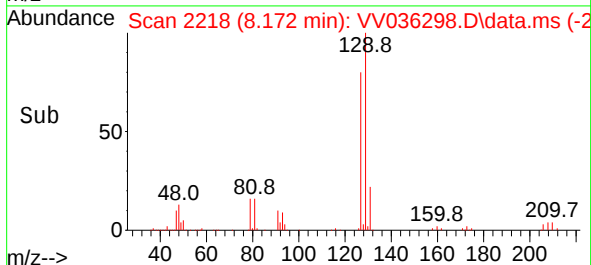
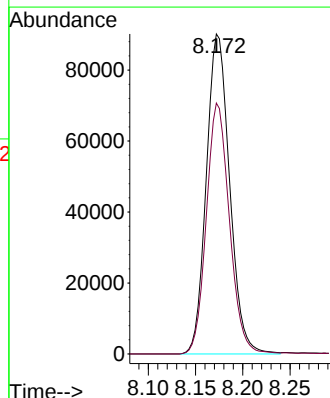
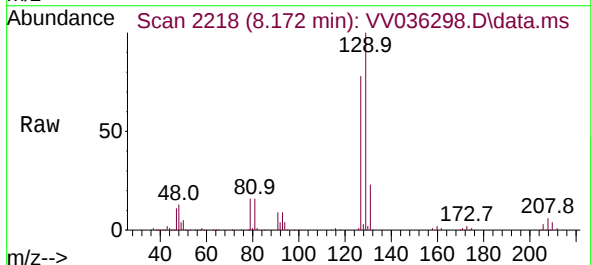
Ion	Ratio	Lower	Upper
43	100		
58	60.7	48.5	72.7
57	19.8	15.8	23.6
100	13.6	10.9	16.3

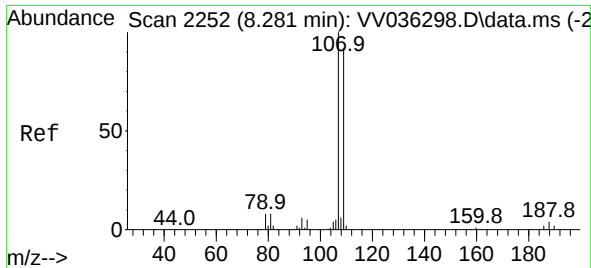


#49
Dibromochloromethane
Concen: 26.359 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV036298.D
Acq: 27 Jun 2024 08:52

Tgt Ion: 129 Resp: 154831

Ion	Ratio	Lower	Upper
129	100		
127	78.4	54.9	101.9

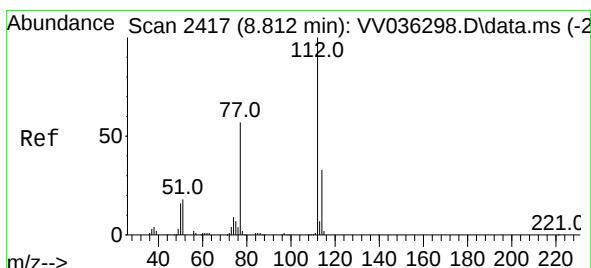
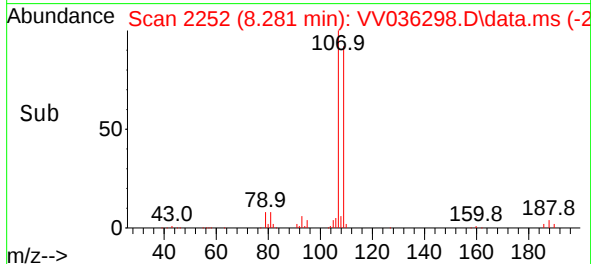
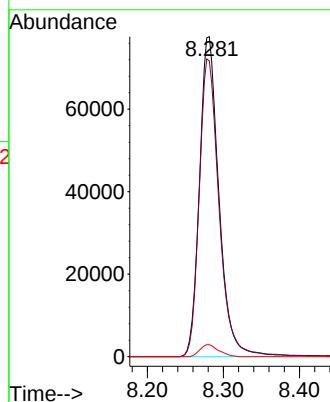
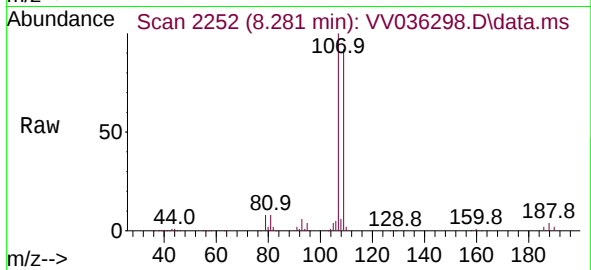




#50
1,2-Dibromoethane
Concen: 26.572 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036298.D
Acq: 27 Jun 2024 08:52

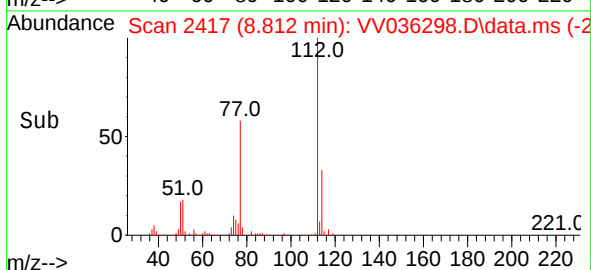
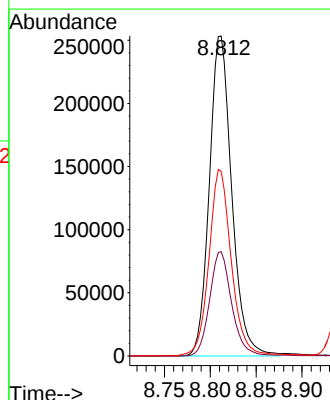
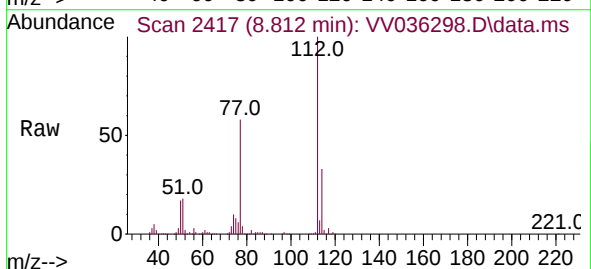
Instrument :
MSVOA_V
ClientSampleId :

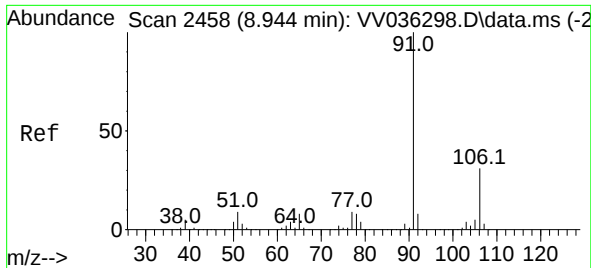
Tgt Ion:107 Resp: 137931
Ion Ratio Lower Upper
107 100
109 92.4 64.7 120.1
188 3.8 3.0 4.6



#51
Chlorobenzene
Concen: 25.821 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV036298.D
Acq: 27 Jun 2024 08:52

Tgt Ion:112 Resp: 430804
Ion Ratio Lower Upper
112 100
114 32.6 22.8 42.4
77 57.7 46.2 69.2

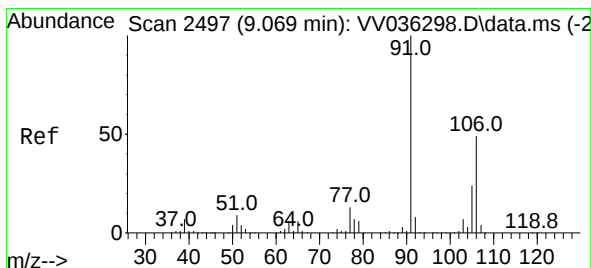
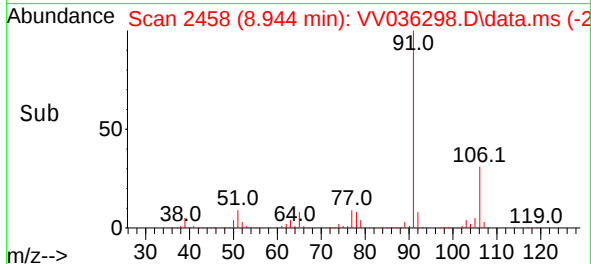
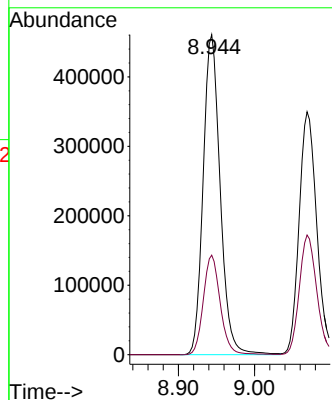
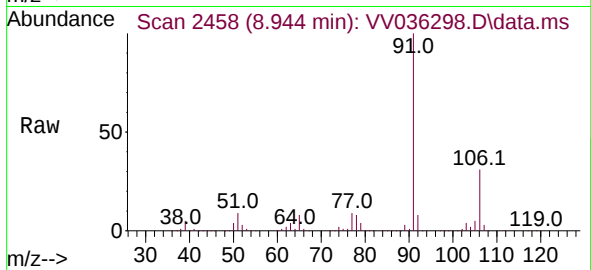




#52
Ethylbenzene
Concen: 27.223 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV036298.D
Acq: 27 Jun 2024 08:52

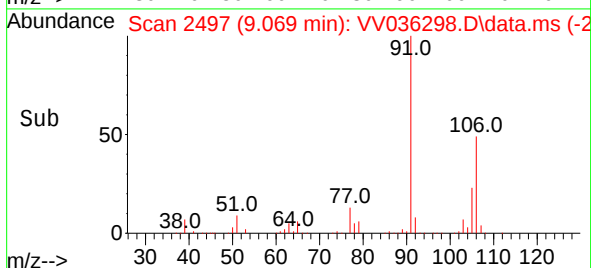
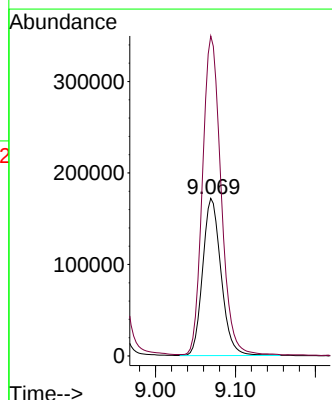
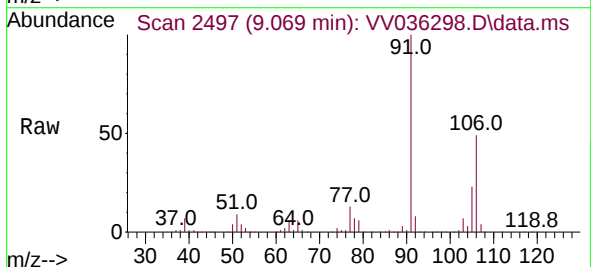
Instrument :
MSVOA_V
ClientSampleId :

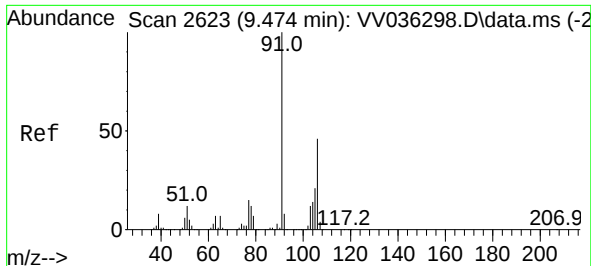
Tgt Ion: 91 Resp: 717037
Ion Ratio Lower Upper
91 100
106 31.1 21.8 40.4



#53
m,p-Xylene
Concen: 28.079 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV036298.D
Acq: 27 Jun 2024 08:52

Tgt Ion:106 Resp: 275642
Ion Ratio Lower Upper
106 100
91 203.1 142.2 264.0

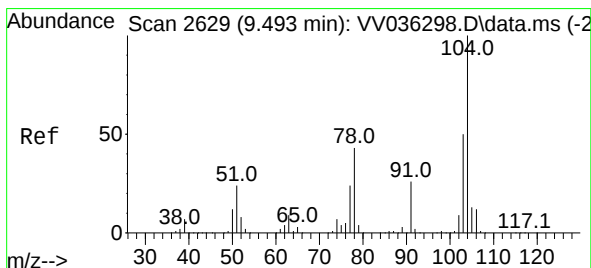
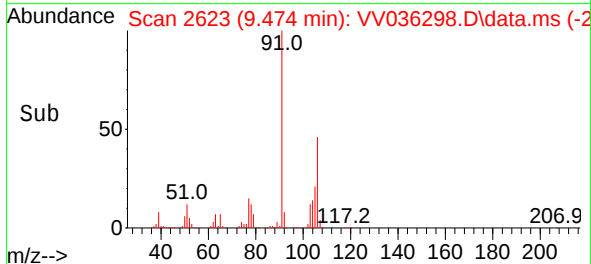
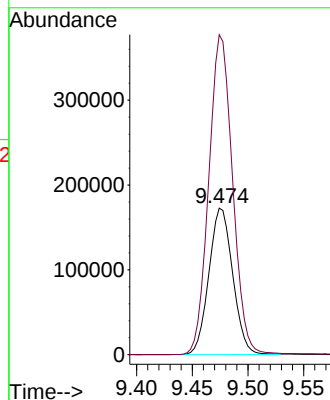
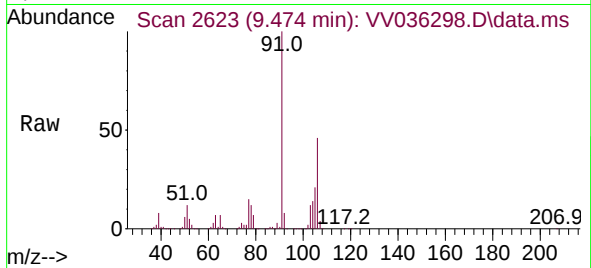




#54
o-Xylene
Concen: 27.864 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.000 min
Lab File: VV036298.D
Acq: 27 Jun 2024 08:52

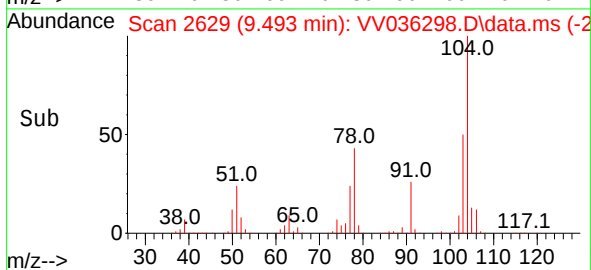
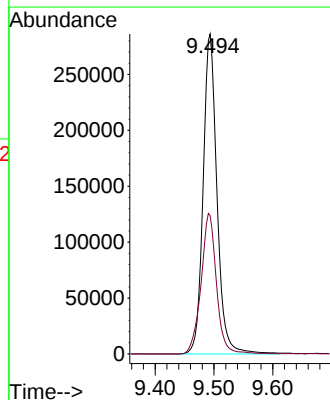
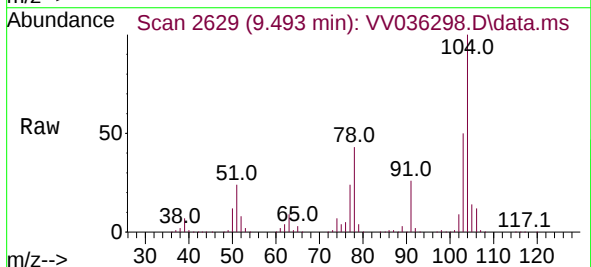
Instrument :
MSVOA_V
ClientSampleId :

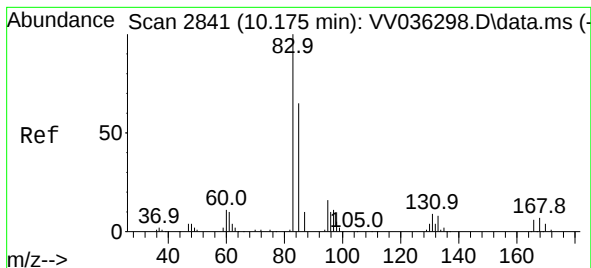
Tgt Ion:106 Resp: 257225
Ion Ratio Lower Upper
106 100
91 218.2 152.7 283.7



#55
Styrene
Concen: 28.977 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV036298.D
Acq: 27 Jun 2024 08:52

Tgt Ion:104 Resp: 468806
Ion Ratio Lower Upper
104 100
78 43.2 30.2 56.2





#57

1,1,2,2-Tetrachloroethane

Concen: 25.342 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. 0.000 min

Lab File: VV036298.D

Acq: 27 Jun 2024 08:52

Instrument :

MSVOA_V

ClientSampleId :

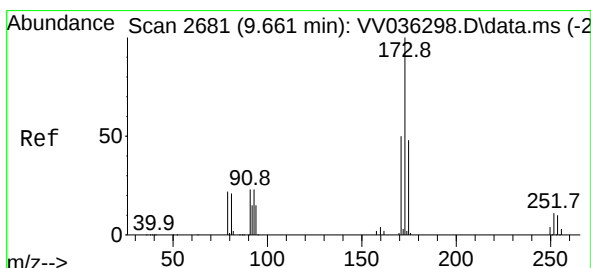
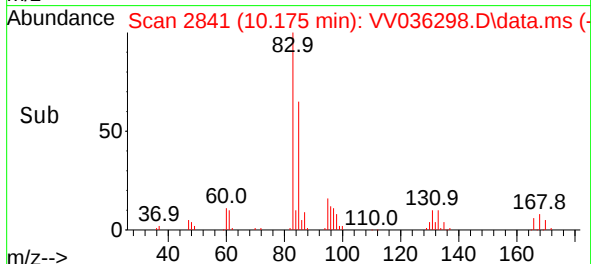
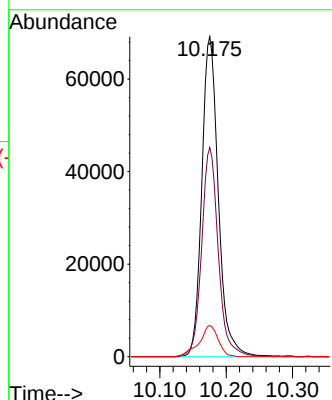
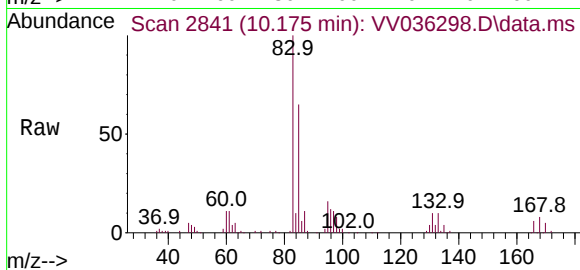
Tgt Ion: 83 Resp: 119511

Ion Ratio Lower Upper

83 100

85 65.3 45.7 84.9

131 9.7 7.8 11.6



#59

Bromoform

Concen: 25.907 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. 0.000 min

Lab File: VV036298.D

Acq: 27 Jun 2024 08:52

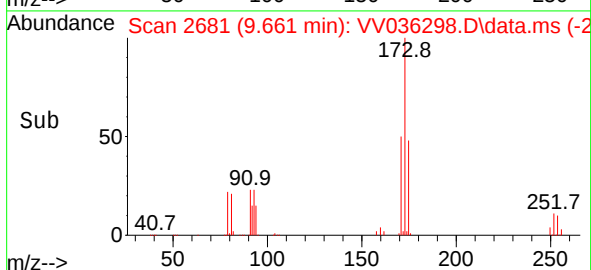
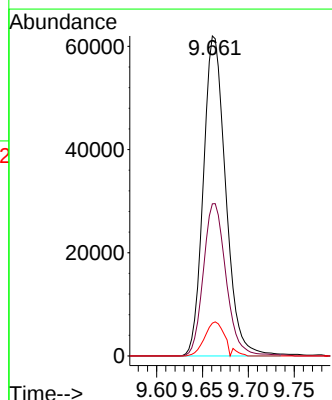
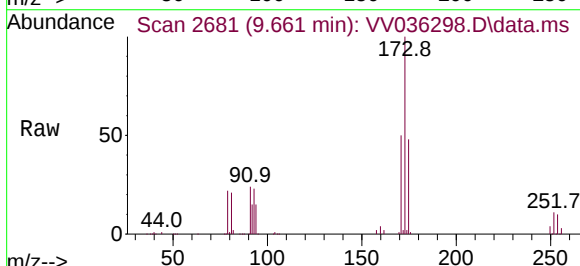
Tgt Ion:173 Resp: 105120

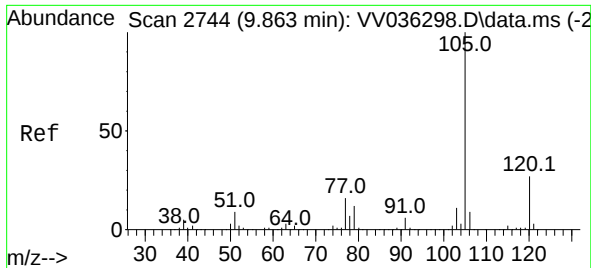
Ion Ratio Lower Upper

173 100

175 48.6 38.9 58.3

254 9.0 7.2 10.8

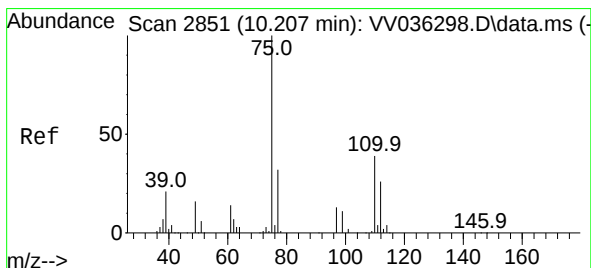
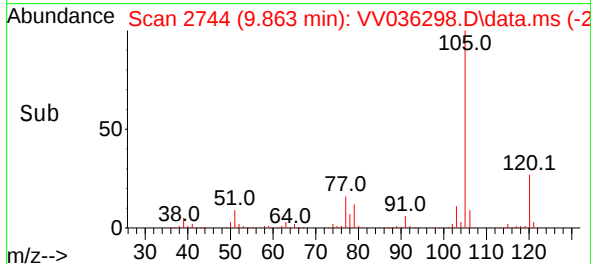
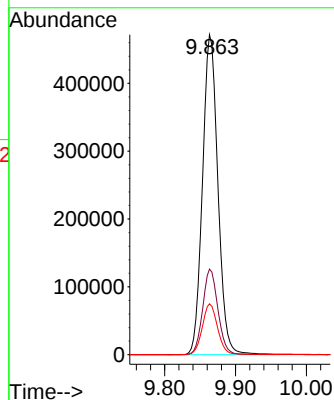
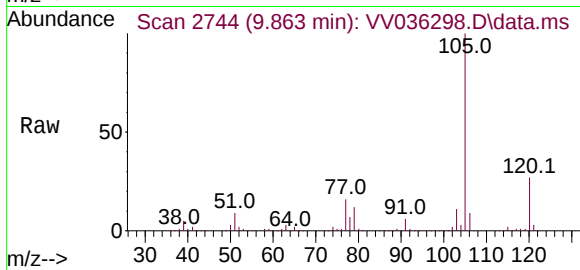




#60
Isopropylbenzene
Concen: 27.492 ug/L
RT: 9.863 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VV036298.D
Acq: 27 Jun 2024 08:52

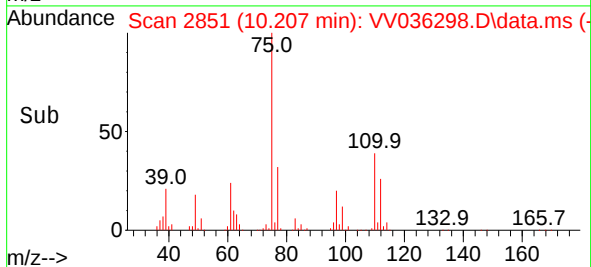
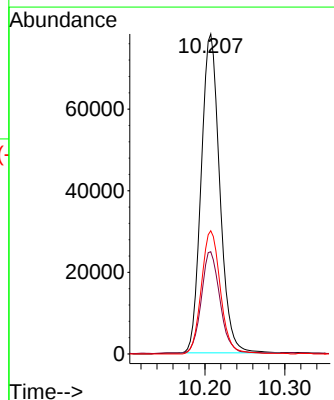
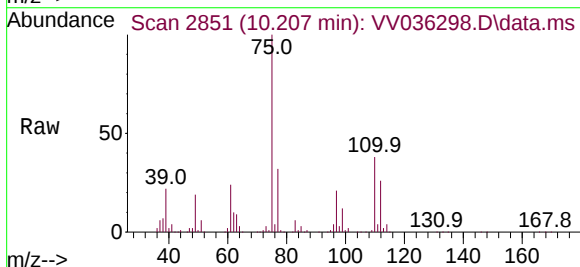
Instrument :
MSVOA_V
ClientSampleId :

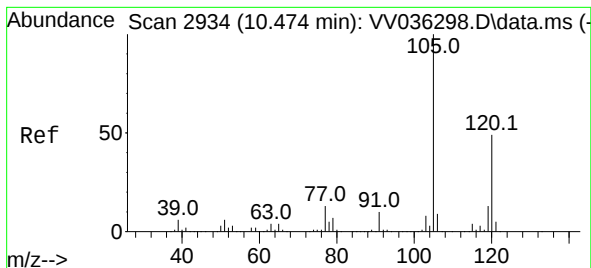
Tgt Ion:105 Resp: 712362
Ion Ratio Lower Upper
105 100
120 26.5 21.2 31.8
77 15.6 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 26.099 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV036298.D
Acq: 27 Jun 2024 08:52

Tgt Ion: 75 Resp: 126252
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8
110 39.6 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 27.738 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV036298.D

Acq: 27 Jun 2024 08:52

Instrument :

MSVOA_V

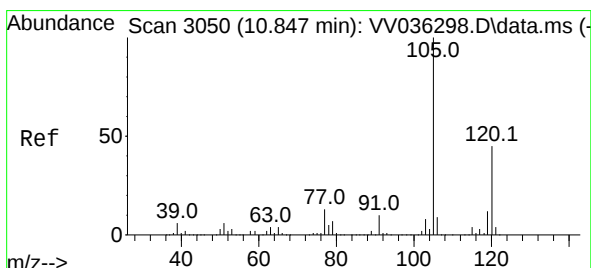
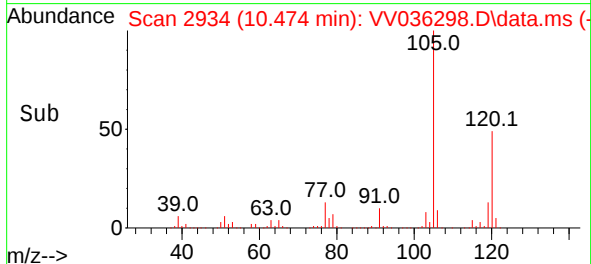
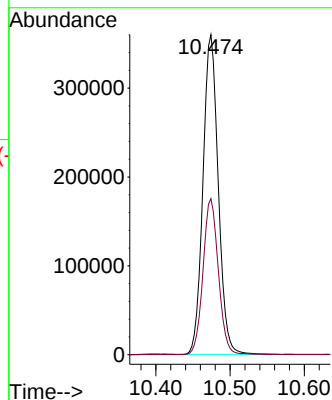
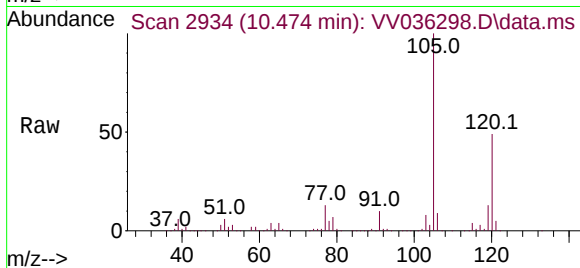
ClientSampleId :

Tgt Ion:105 Resp: 514367

Ion Ratio Lower Upper

105 100

120 48.9 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 28.444 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VV036298.D

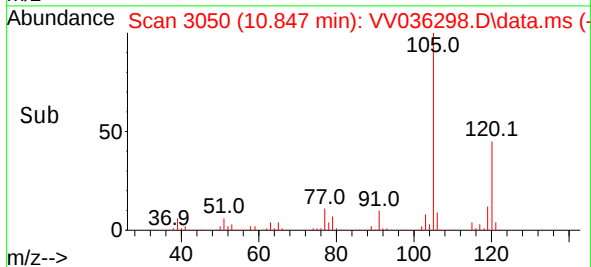
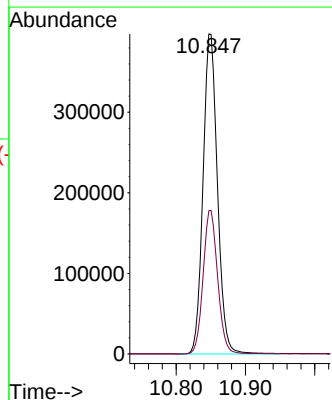
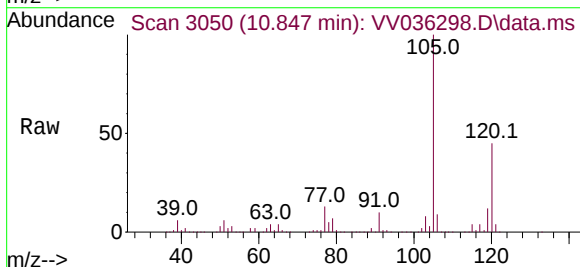
Acq: 27 Jun 2024 08:52

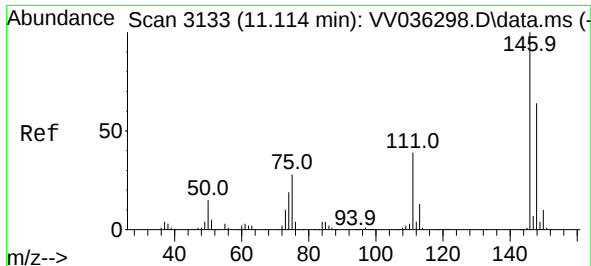
Tgt Ion:105 Resp: 573184

Ion Ratio Lower Upper

105 100

120 45.3 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 26.467 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV036298.D

Acq: 27 Jun 2024 08:52

Instrument :

MSVOA_V

ClientSampleId :

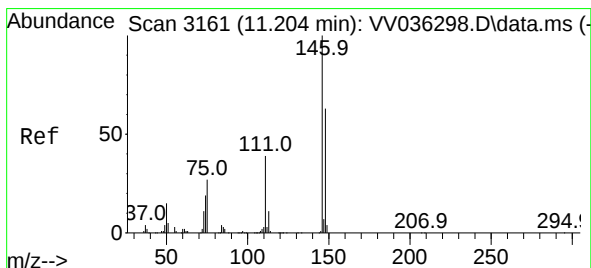
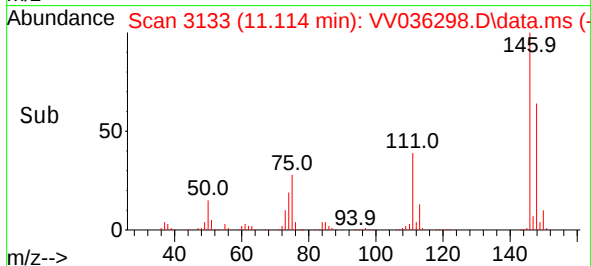
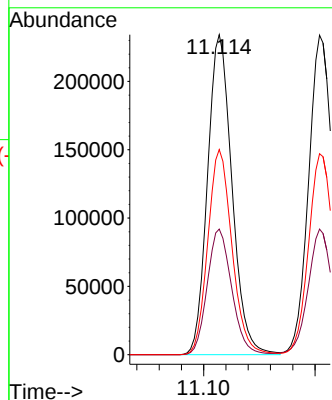
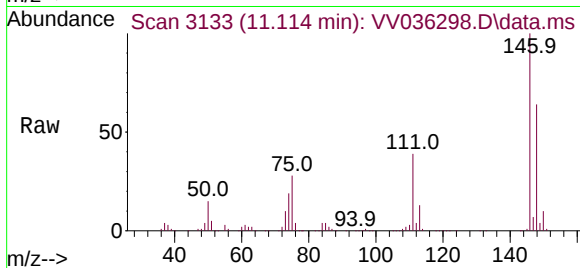
Tgt Ion:146 Resp: 357359

Ion Ratio Lower Upper

146 100

111 39.3 27.5 51.1

148 64.1 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 25.560 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV036298.D

Acq: 27 Jun 2024 08:52

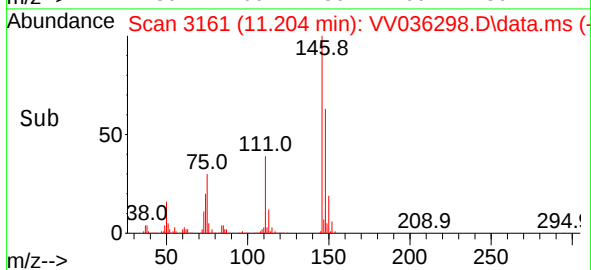
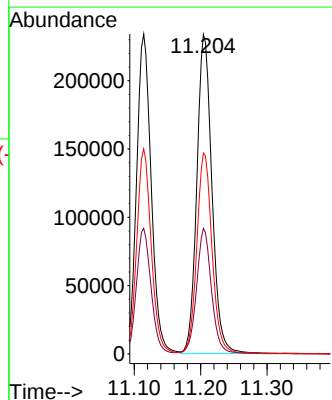
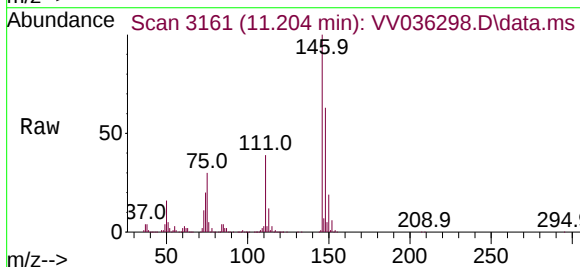
Tgt Ion:146 Resp: 369928

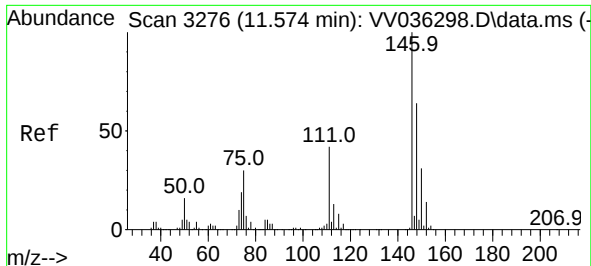
Ion Ratio Lower Upper

146 100

111 39.3 27.5 51.1

148 62.9 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 26.288 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.000 min

Lab File: VV036298.D

Acq: 27 Jun 2024 08:52

Instrument :

MSVOA_V

ClientSampleId :

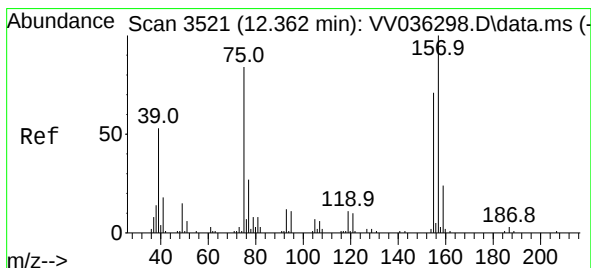
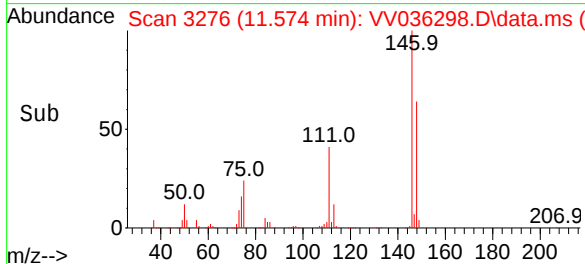
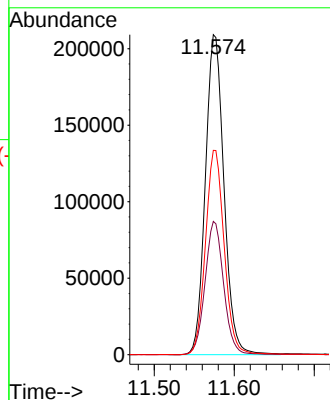
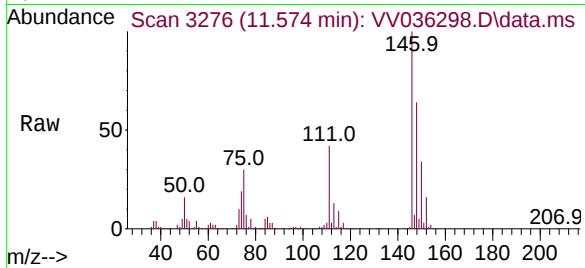
Tgt Ion:146 Resp: 338853

Ion Ratio Lower Upper

146 100

111 41.6 33.3 49.9

148 63.9 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 25.530 ug/L

RT: 12.362 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV036298.D

Acq: 27 Jun 2024 08:52

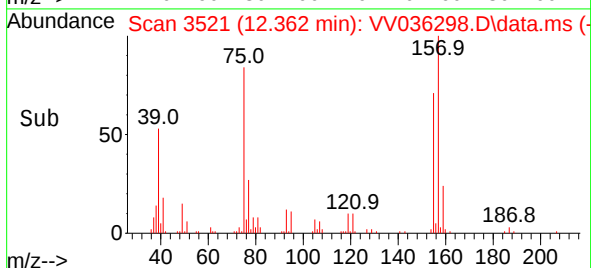
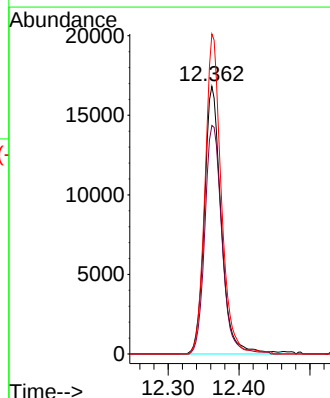
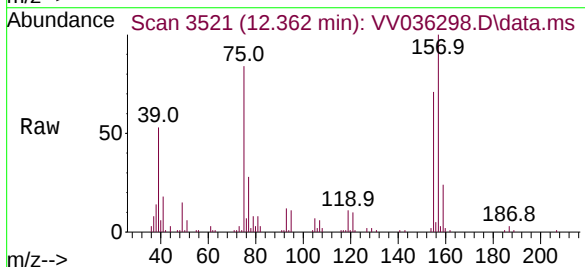
Tgt Ion: 75 Resp: 27707

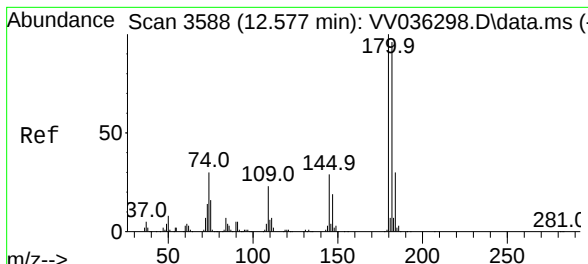
Ion Ratio Lower Upper

75 100

155 85.4 68.3 102.5

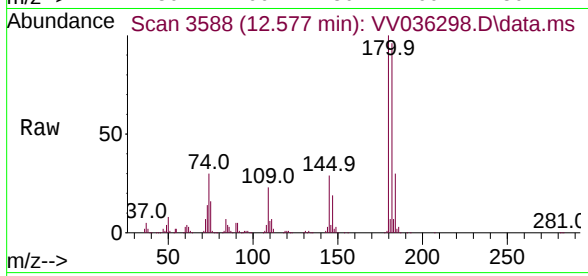
157 119.6 95.7 143.5





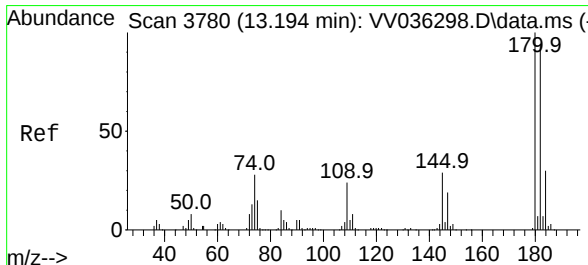
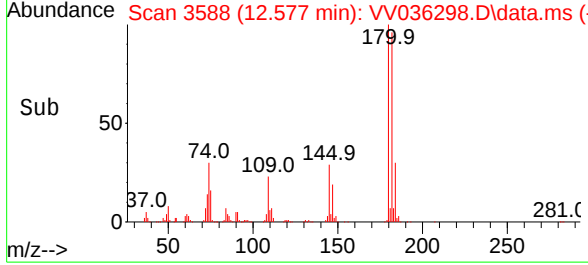
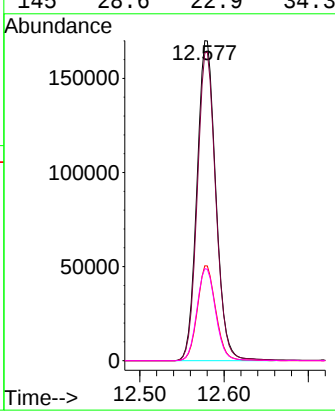
#69
 1,3,5-Trichlorobenzene
 Concen: 25.985 ug/L
 RT: 12.577 min Scan# 3588
 Delta R.T. 0.000 min
 Lab File: VV036298.D
 Acq: 27 Jun 2024 08:52

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 264180

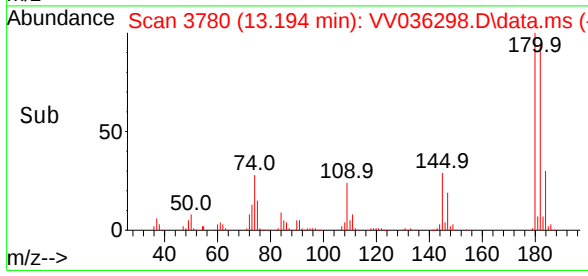
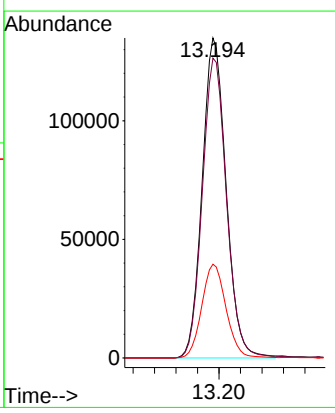
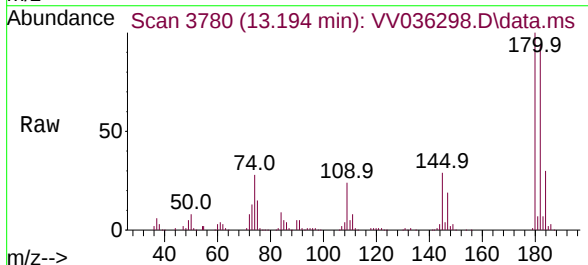
Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.2	114.4
184	29.1	23.3	34.9
145	28.6	22.9	34.3

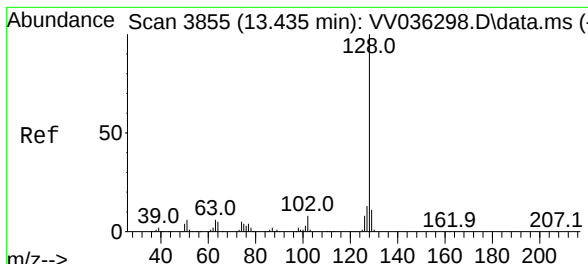


#70
 1,2,4-trichlorobenzene
 Concen: 25.689 ug/L
 RT: 13.194 min Scan# 3780
 Delta R.T. 0.000 min
 Lab File: VV036298.D
 Acq: 27 Jun 2024 08:52

Tgt Ion:180 Resp: 208277

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.1	114.1
145	29.8	23.8	35.8

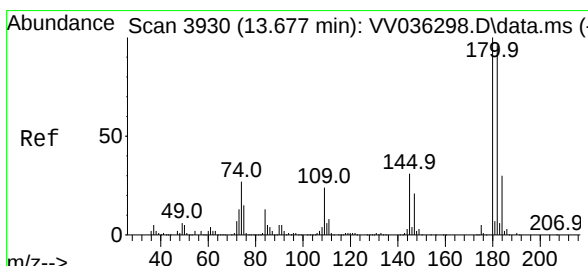
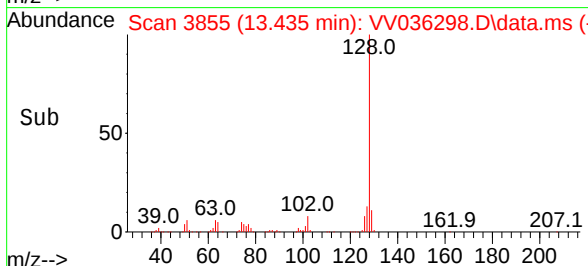
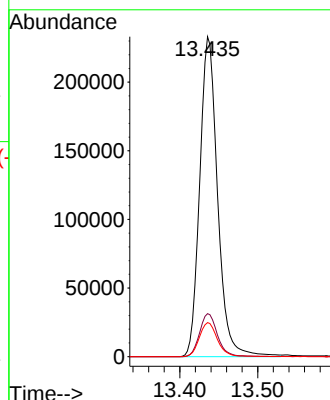
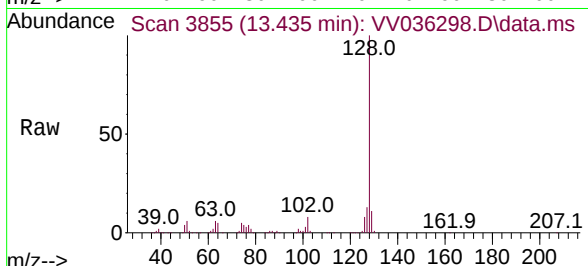




#71
Naphthalene
Concen: 25.733 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. 0.000 min
Lab File: VV036298.D
Acq: 27 Jun 2024 08:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	128	Resp:	371985
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.8	16.2
129	10.8	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 26.123 ug/L
RT: 13.677 min Scan# 3930
Delta R.T. 0.000 min
Lab File: VV036298.D
Acq: 27 Jun 2024 08:52

Tgt Ion:	180	Resp:	199157
Ion Ratio	Lower	Upper	
180	100		
182	95.9	76.7	115.1
145	31.2	25.0	37.4

