

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080224\
 Data File : VV036763.D
 Acq On : 02 Aug 2024 15:53
 Operator : SY/MD
 Sample : VSTD005
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 02 23:21:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 02 23:21:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	445958	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	411744	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	202739	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	18735	5.644	ug/L	0.00
7) Chloroethane-d5	1.532	69	14543	5.543	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	7782	5.302	ug/L	0.00
21) 2-Butanone-d5	3.818	46	10047	6.599	ug/L	0.02
24) Chloroform-d	4.249	84	31896	5.193	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	19689	4.970	ug/L	0.00
32) Benzene-d6	4.957	84	63454	5.332	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	23829	6.223	ug/L	0.00
41) Toluene-d8	7.246	98	58181	5.387	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.567	79	10632	5.371	ug/L	0.02
47) 2-Hexanone-d5	8.046	63	9749	9.370	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.149	84	23447	5.439	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	22197	5.781	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	19220	5.922	ug/L	98
3) Chloromethane	1.217	50	19226	5.396	ug/L	98
5) Vinyl chloride	1.281	62	19138	5.162	ug/L	99
6) Bromomethane	1.487	94	11740	4.893	ug/L	96
8) Chloroethane	1.548	64	11535	4.941	ug/L	95
9) Trichlorofluoromethane	1.712	101	24801	5.105	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	14665	5.076	ug/L	98
12) 1,1-Dichloroethene	2.069	96	14519	5.255	ug/L	97
13) Acetone	2.114	43	17566	11.472	ug/L	100
14) Carbon disulfide	2.236	76	45764	5.254	ug/L	100
15) Methyl Acetate	2.375	43	16599	5.317	ug/L	97
16) Methylene chloride	2.445	84	15993	5.116	ug/L	95
17) trans-1,2-Dichloroethene	2.690	96	14061	4.892	ug/L	94
18) Methyl tert-butyl Ether	2.709	73	50633	5.027	ug/L	97
19) 1,1-Dichloroethane	3.105	63	29086	5.014	ug/L	97
20) cis-1,2-Dichloroethene	3.812	96	16642	4.892	ug/L	99
22) 2-Butanone	3.899	43	14290	7.427	ug/L	80
23) Bromochloromethane	4.146	128	8643	5.261	ug/L	95
25) Chloroform	4.278	83	29059	4.820	ug/L	100
27) 1,2-Dichloroethane	5.047	62	22591	4.835	ug/L #	92
29) Cyclohexane	4.574	56	26016	5.042	ug/L	95
30) 1,1,1-Trichloroethane	4.503	97	26029	5.098	ug/L	96
31) Carbon tetrachloride	4.728	117	21511	5.012	ug/L	99
33) Benzene	5.008	78	58638	4.830	ug/L	100
34) Trichloroethene	5.834	95	17764	5.047	ug/L	95
35) Methylcyclohexane	6.043	83	27917	5.233	ug/L	97
37) 1,2-Dichloropropane	6.098	63	15333	4.797	ug/L	98
38) Bromodichloromethane	6.436	83	21744	4.904	ug/L	98
39) cis-1,3-Dichloropropene	6.963	75	25673	4.621	ug/L	96
40) 4-Methyl-2-pentanone	7.169	43	36387	9.414	ug/L	97
42) Toluene	7.317	91	63600	4.950	ug/L	99
44) trans-1,3-Dichloropropene	7.593	75	24360	4.730	ug/L	95

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 ClientSampleId :

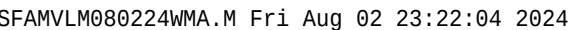
Quant Time: Aug 02 23:21:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 02 23:21:18 2024
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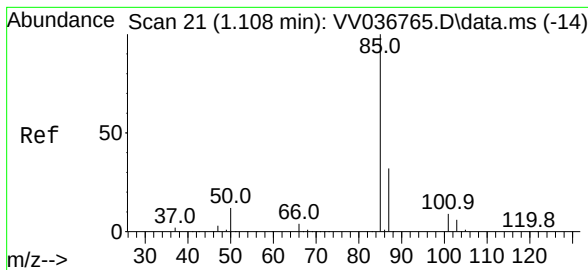
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.773	97	15588	5.082	ug/L	94
46) Tetrachloroethene	7.905	164	11560	5.053	ug/L	95
48) 2-Hexanone	8.091	43	26311	9.038	ug/L	97
49) Dibromochloromethane	8.175	129	15402	4.788	ug/L	99
50) 1,2-Dibromoethane	8.288	107	15493	4.778	ug/L #	99
51) Chlorobenzene	8.815	112	42274	5.081	ug/L	95
52) Ethylbenzene	8.947	91	72691	4.907	ug/L	100
53) m,p-Xylene	9.075	106	26465	4.875	ug/L	94
54) o-Xylene	9.477	106	26374	4.881	ug/L	97
55) Styrene	9.500	104	44311	4.792	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	20409	4.951	ug/L #	93
59) Bromoform	9.667	173	10449	4.757	ug/L	96
60) Isopropylbenzene	9.866	105	73214	5.083	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	18247	5.212	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	58474	4.846	ug/L	96
63) 1,2,4-Trimethylbenzene	10.850	105	58656	4.890	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	31122	4.972	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	31117	4.877	ug/L	95
67) 1,2-Dichlorobenzene	11.580	146	30070	4.923	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	5097	5.088	ug/L	89
69) 1,3,5-Trichlorobenzene	12.583	180	22372	5.118	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	22308	5.343	ug/L	98
71) Naphthalene	13.439	128	74829	5.727	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	20900	5.150	ug/L	96

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

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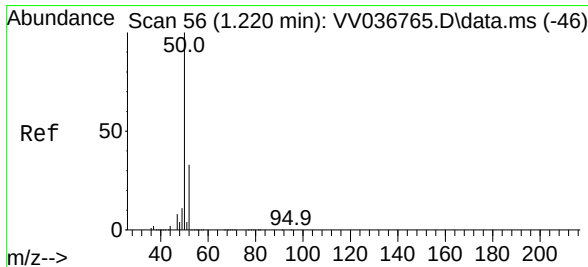
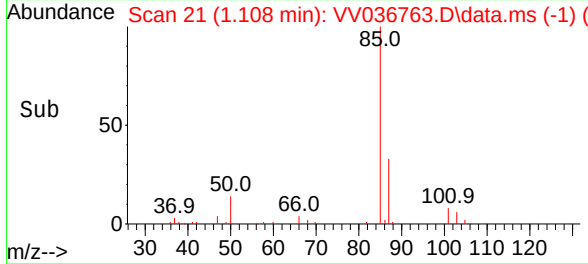
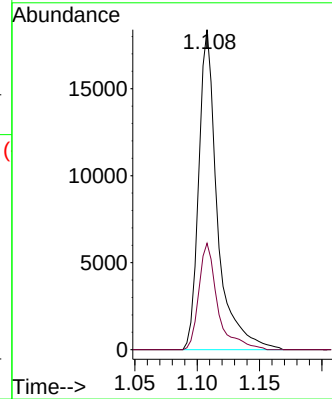
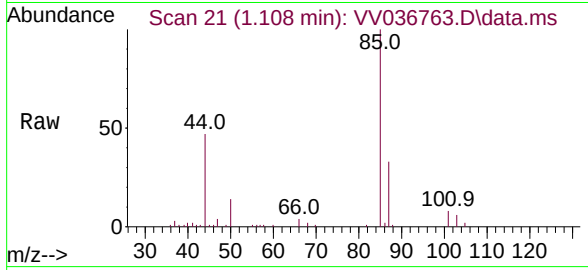




#2
 Dichlorodifluoromethane
 Concen: 5.922 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV036763.D
 Acq: 02 Aug 2024 15:53

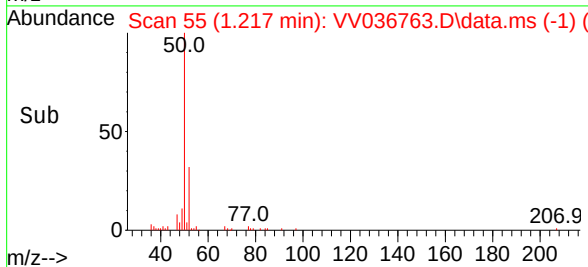
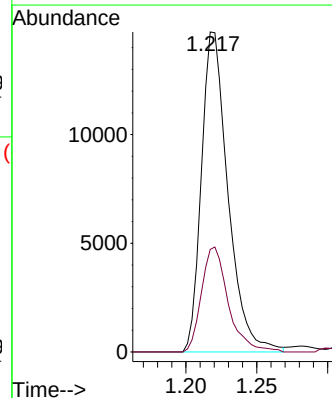
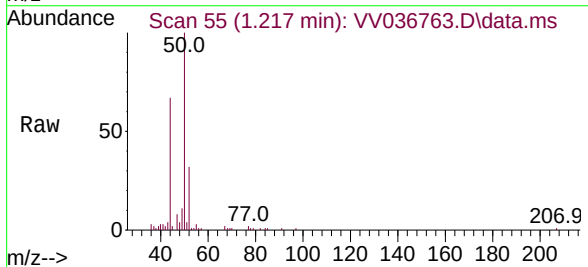
Instrument :
 MSVOA_V
 ClientSampleId :

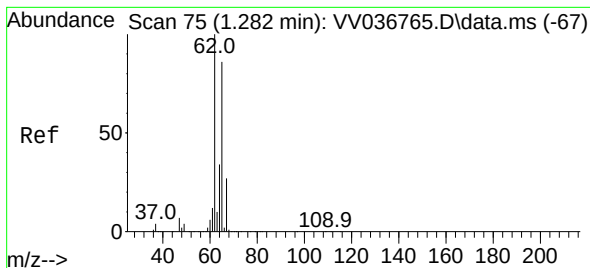
Tgt Ion: 85 Resp: 19220
 Ion Ratio Lower Upper
 85 100
 87 33.5 25.9 38.9



#3
 Chloromethane
 Concen: 5.396 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.003 min
 Lab File: VV036763.D
 Acq: 02 Aug 2024 15:53

Tgt Ion: 50 Resp: 19226
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.0 42.8





#5

Vinyl chloride

Concen: 5.162 ug/L

RT: 1.281 min Scan# 75

Delta R.T. -0.000 min MSVOA_V

Lab File: VV036763.D

Acq: 02 Aug 2024 15:53

Instrument :

MSVOA_V

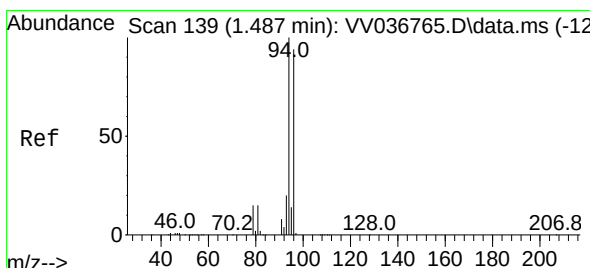
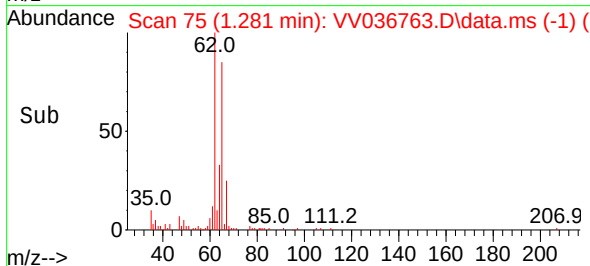
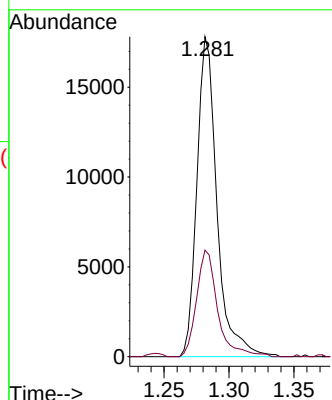
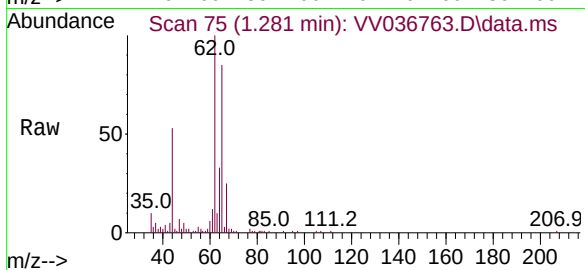
ClientSampleId :

Tgt Ion: 62 Resp: 19138

Ion Ratio Lower Upper

62 100

64 33.3 23.6 43.8



#6

Bromomethane

Concen: 4.893 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.000 min

Lab File: VV036763.D

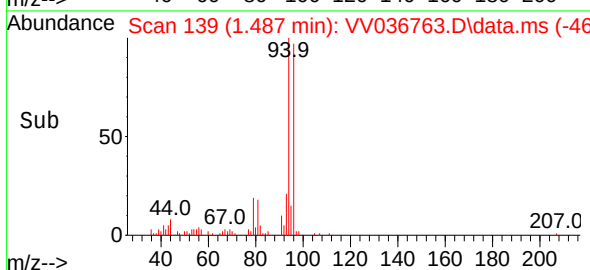
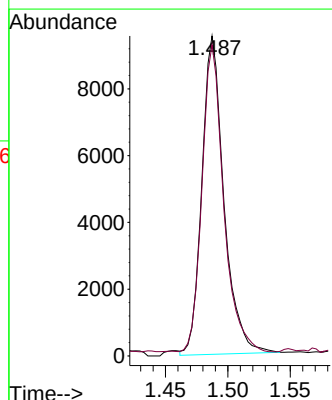
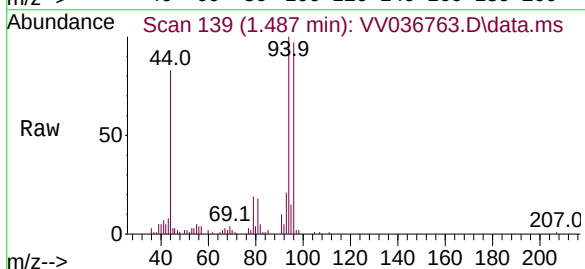
Acq: 02 Aug 2024 15:53

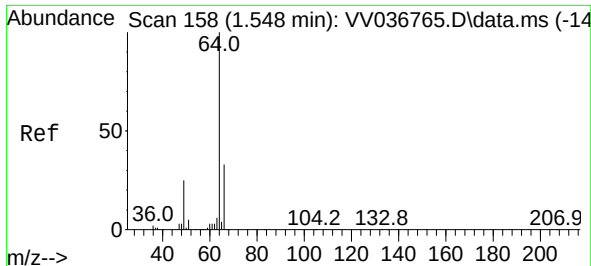
Tgt Ion: 94 Resp: 11740

Ion Ratio Lower Upper

94 100

96 97.2 65.5 121.7

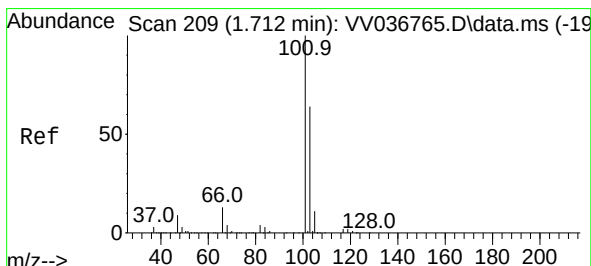
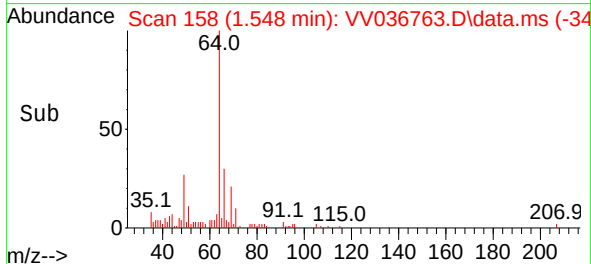
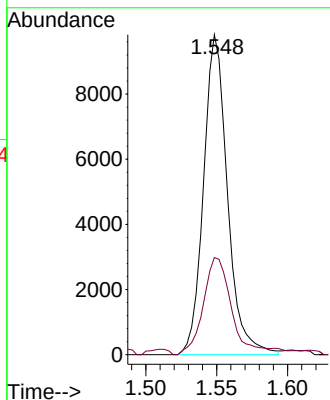
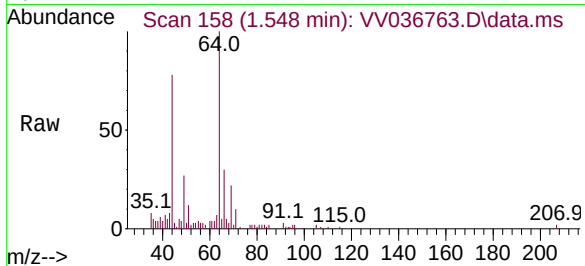




#8
Chloroethane
Concen: 4.941 ug/L
RT: 1.548 min Scan# 11535
Delta R.T. -0.000 min
Lab File: VV036763.D
Acq: 02 Aug 2024 15:53

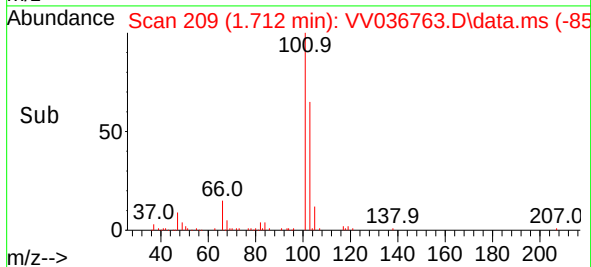
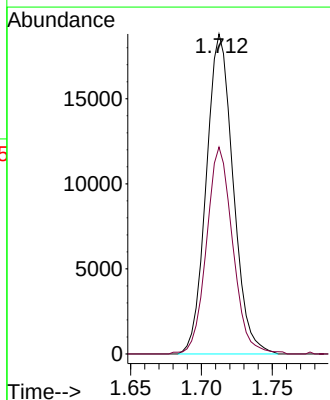
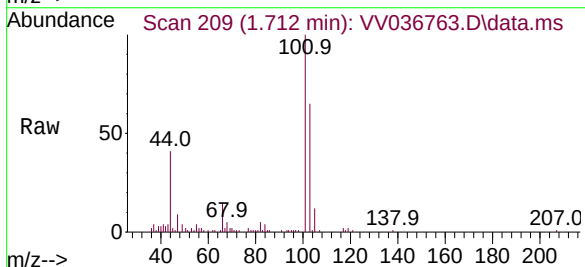
Instrument :
MSVOA_V
ClientSampleId :

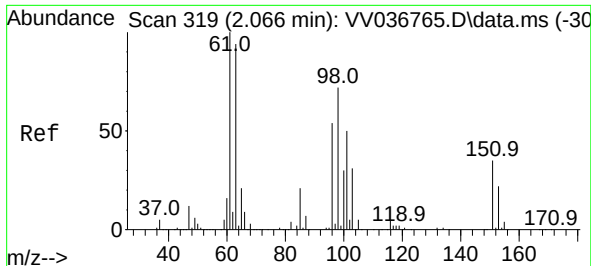
Tgt Ion: 64 Resp: 11535
Ion Ratio Lower Upper
64 100
66 30.3 23.2 43.0



#9
Trichlorofluoromethane
Concen: 5.105 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV036763.D
Acq: 02 Aug 2024 15:53

Tgt Ion:101 Resp: 24801
Ion Ratio Lower Upper
101 100
103 62.0 51.4 77.0





#10

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

Concen: 5.076 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.000 min

Lab File: VV036763.D

Acq: 02 Aug 2024 15:53

Instrument :

MSVOA_V

ClientSampleId :

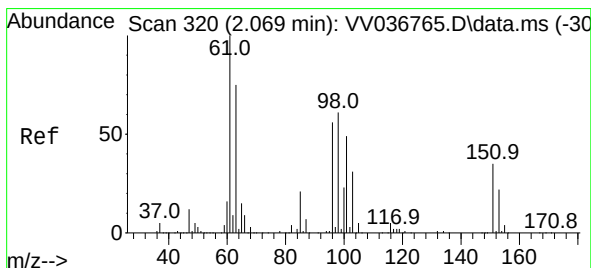
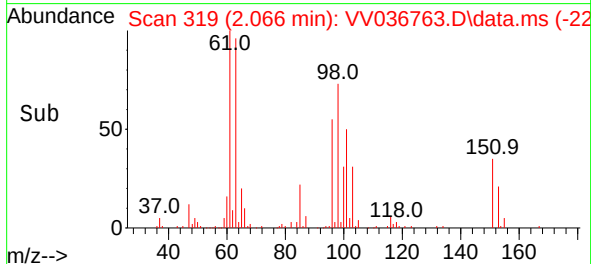
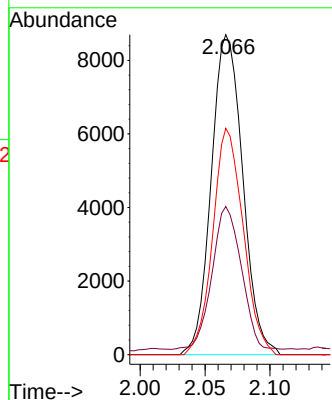
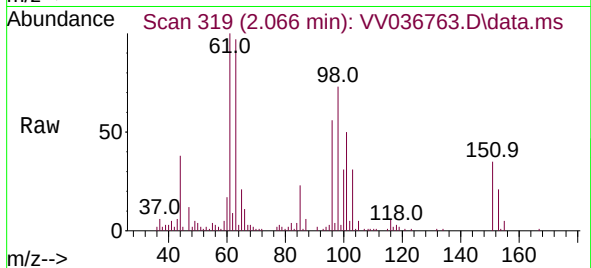
Tgt Ion:101 Resp: 14665

Ion Ratio Lower Upper

101 100

85 41.9 34.6 51.8

151 68.3 55.9 83.9



#12

1,1-Dichloroethene

Concen: 5.255 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV036763.D

Acq: 02 Aug 2024 15:53

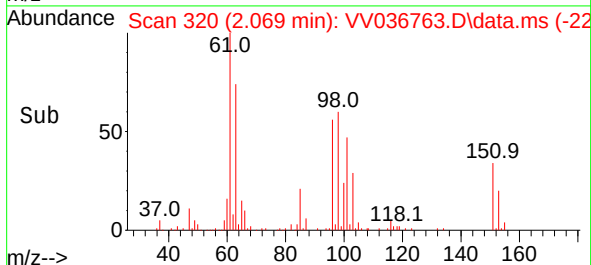
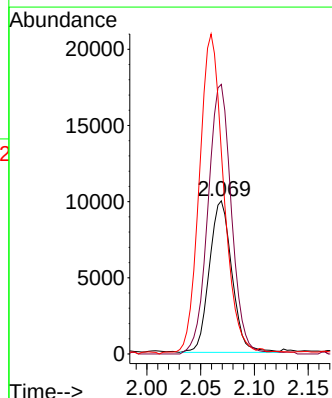
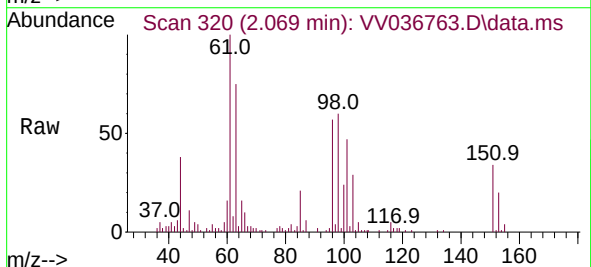
Tgt Ion: 96 Resp: 14519

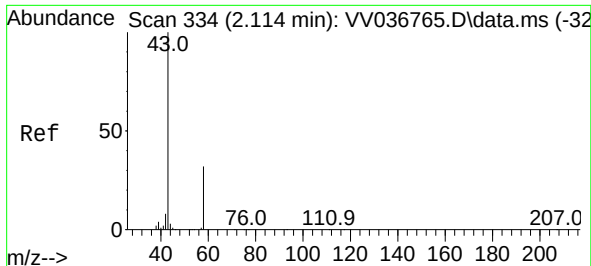
Ion Ratio Lower Upper

96 100

61 176.0 125.6 233.2

63 132.1 95.1 176.7





#13

Acetone

Concen: 11.472 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV036763.D

Acq: 02 Aug 2024 15:53

Instrument :

MSVOA_V

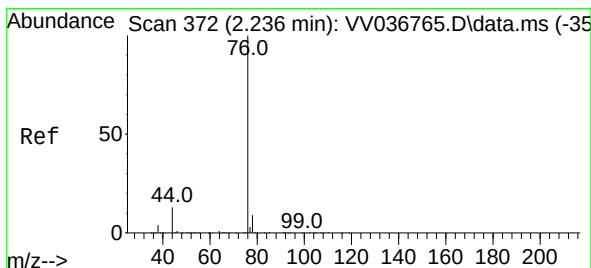
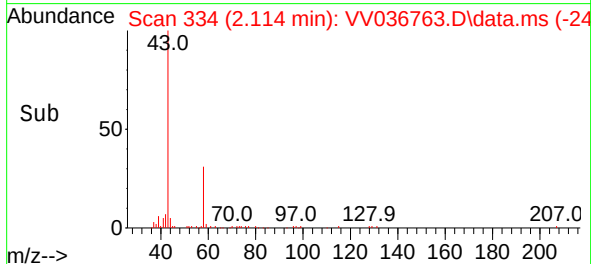
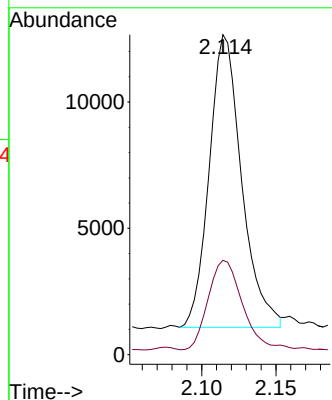
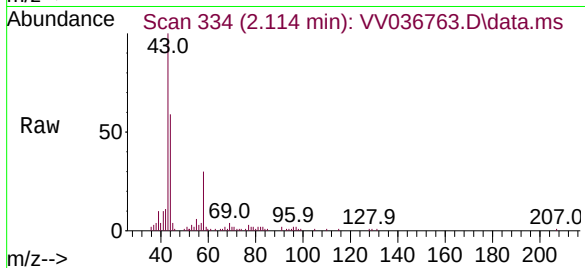
ClientSampleId :

Tgt Ion: 43 Resp: 17566

Ion Ratio Lower Upper

43 100

58 31.9 0.0 63.4



#14

Carbon disulfide

Concen: 5.254 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.000 min

Lab File: VV036763.D

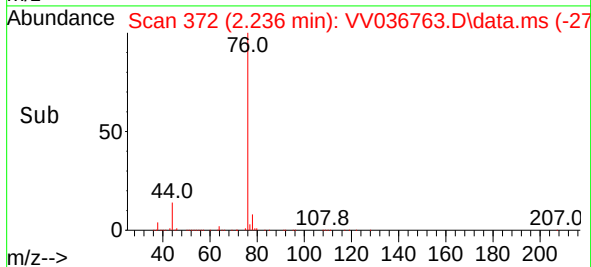
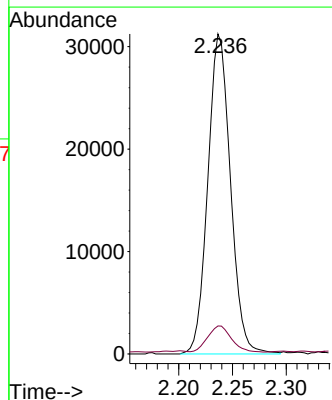
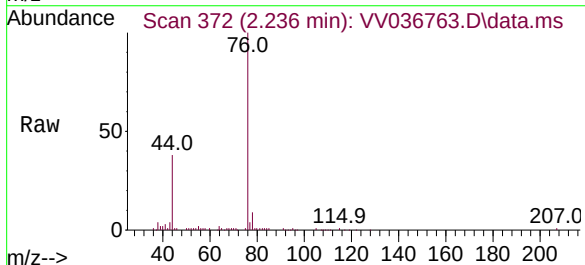
Acq: 02 Aug 2024 15:53

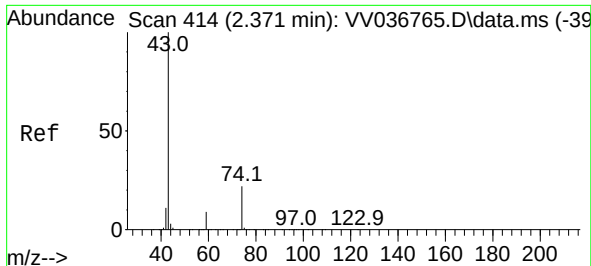
Tgt Ion: 76 Resp: 45764

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7





#15

Methyl Acetate

Concen: 5.317 ug/L

RT: 2.375 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV036763.D

Acq: 02 Aug 2024 15:53

Instrument :

MSVOA_V

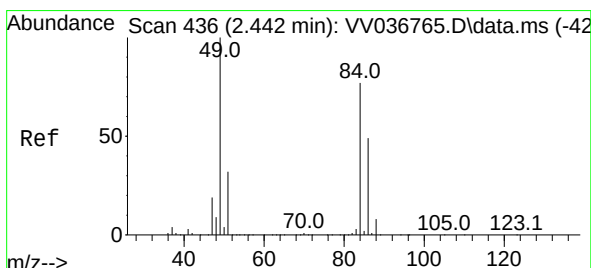
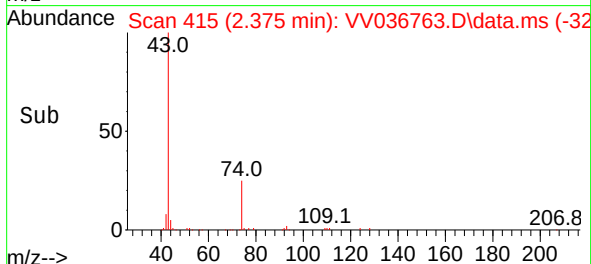
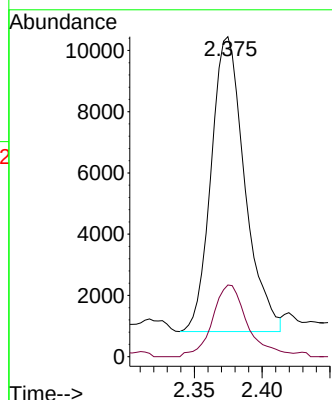
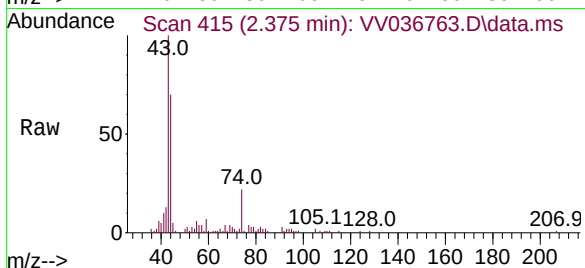
ClientSampleId :

Tgt Ion: 43 Resp: 16599

Ion Ratio Lower Upper

43 100

74 25.4 19.0 28.4



#16

Methylene chloride

Concen: 5.116 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.003 min

Lab File: VV036763.D

Acq: 02 Aug 2024 15:53

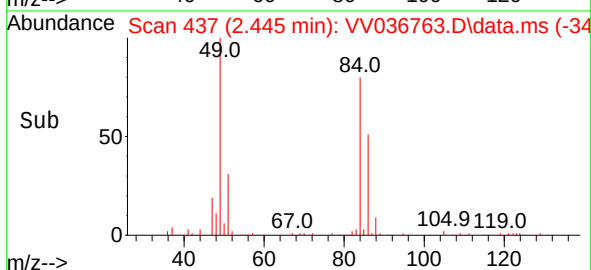
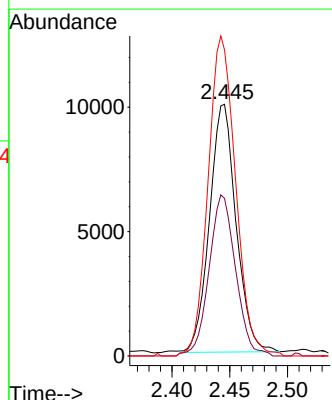
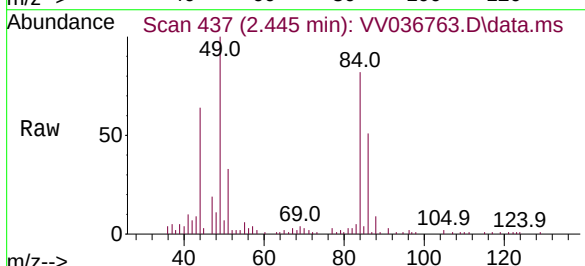
Tgt Ion: 84 Resp: 15993

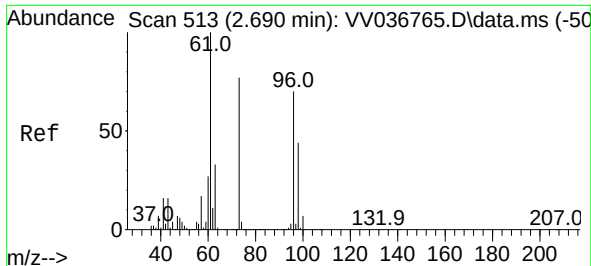
Ion Ratio Lower Upper

84 100

86 62.6 44.3 82.3

49 121.7 91.1 169.1





#17

trans-1,2-Dichloroethene

Concen: 4.892 ug/L

RT: 2.690 min Scan# 513

Delta R.T. -0.000 min

Lab File: VV036763.D

Acq: 02 Aug 2024 15:53

Instrument :

MSVOA_V

ClientSampleId :

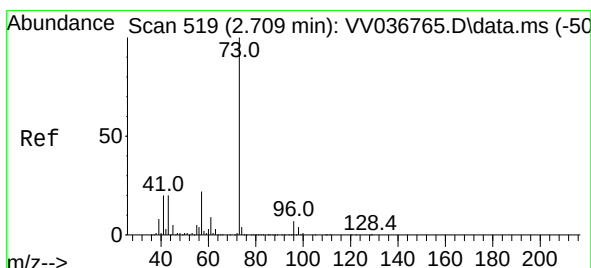
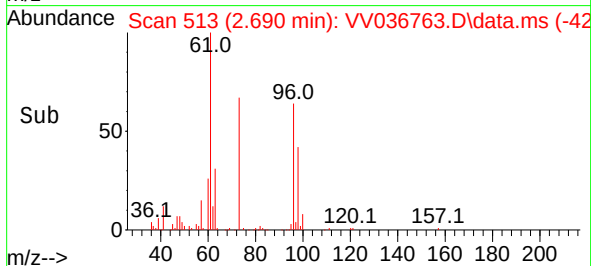
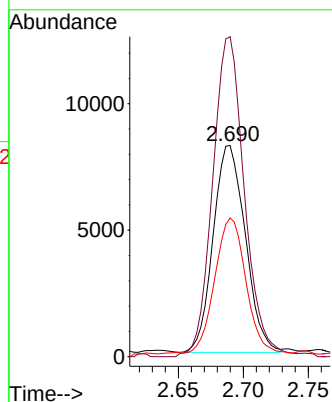
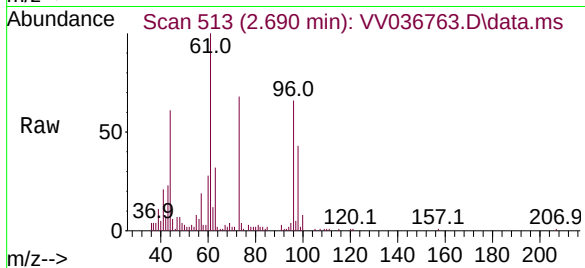
Tgt Ion: 96 Resp: 14061

Ion Ratio Lower Upper

96 100

61 151.5 100.0 185.8

98 65.7 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 5.027 ug/L

RT: 2.709 min Scan# 519

Delta R.T. -0.000 min

Lab File: VV036763.D

Acq: 02 Aug 2024 15:53

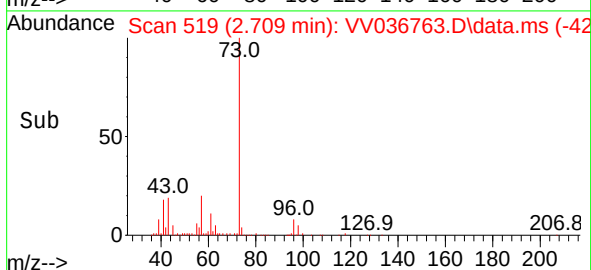
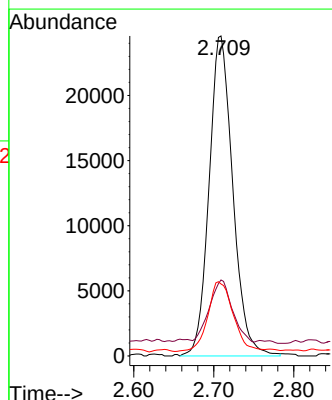
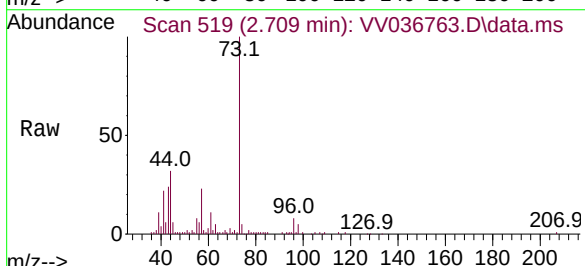
Tgt Ion: 73 Resp: 50633

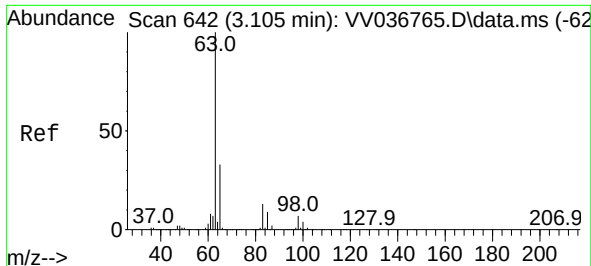
Ion Ratio Lower Upper

73 100

43 18.7 16.1 24.1

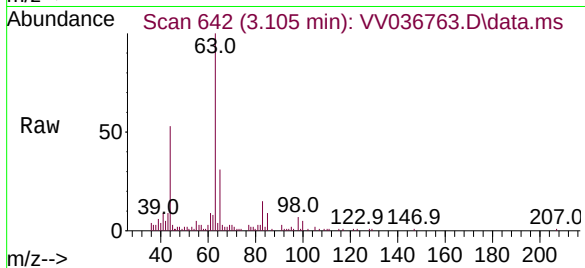
57 23.4 17.9 26.9



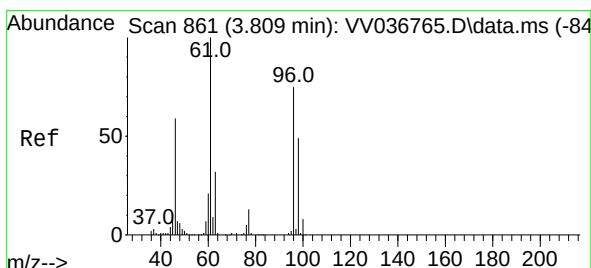
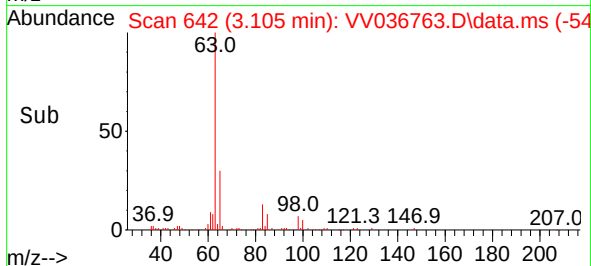
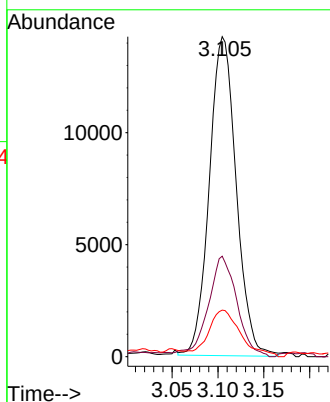


#19
1,1-Dichloroethane
Concen: 5.014 ug/L
RT: 3.105 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV036763.D
Acq: 02 Aug 2024 15:53

Instrument :
MSVOA_V
ClientSampleId :

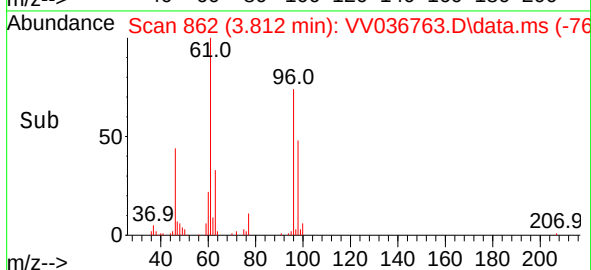
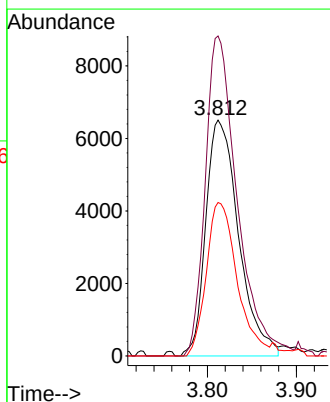
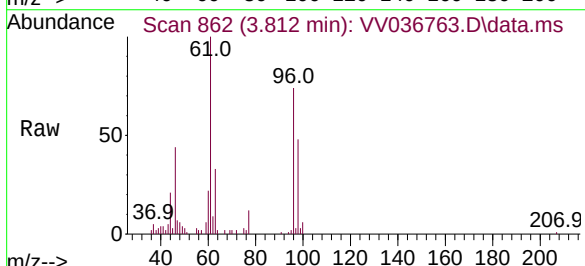


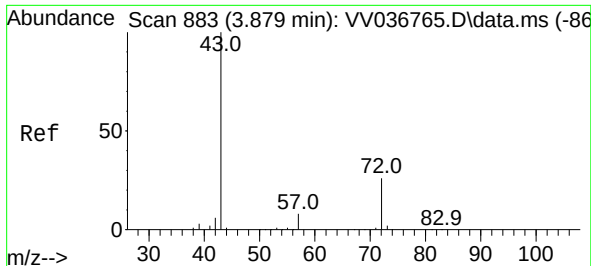
Tgt Ion:	63	Resp:	29086
Ion Ratio	Lower	Upper	
63	100		
65	31.4	23.2	43.0
83	14.5	9.2	17.0



#20
cis-1,2-Dichloroethene
Concen: 4.892 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV036763.D
Acq: 02 Aug 2024 15:53

Tgt Ion:	96	Resp:	16642
Ion Ratio	Lower	Upper	
96	100		
61	135.7	93.9	174.5
98	65.1	46.0	85.4

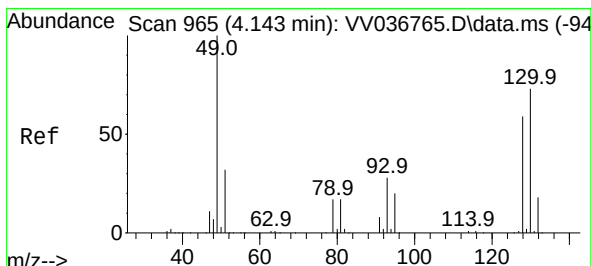
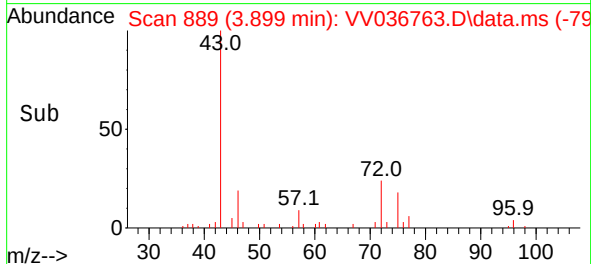
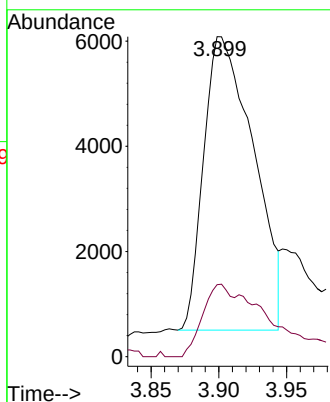
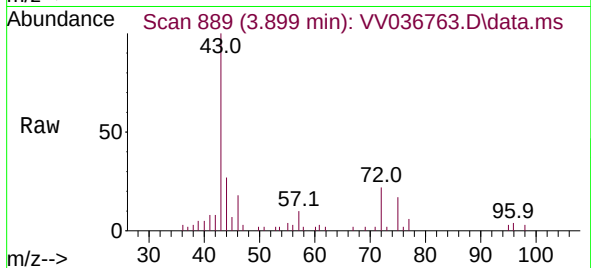




#22
2-Butanone
Concen: 7.427 ug/L
RT: 3.899 min Scan# 889
Delta R.T. 0.019 min
Lab File: VV036763.D
Acq: 02 Aug 2024 15:53

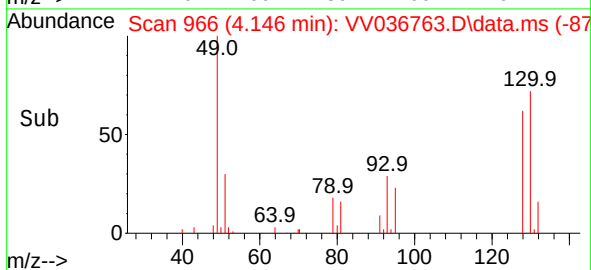
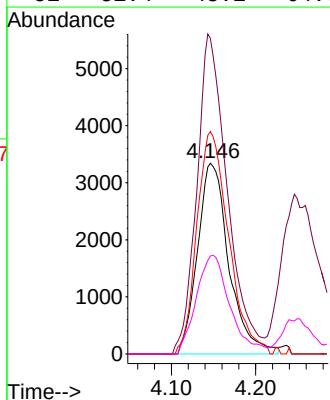
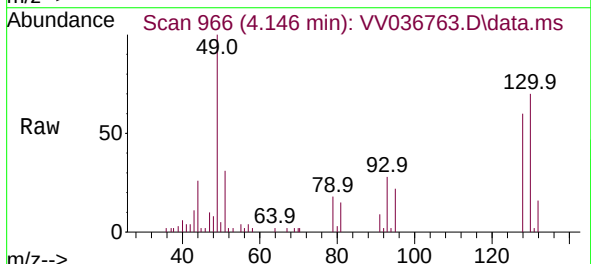
Instrument :
MSVOA_V
ClientSampleId :

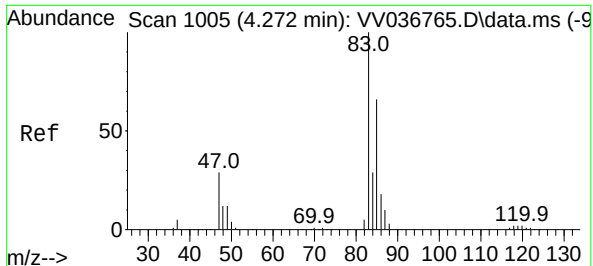
Tgt Ion: 43 Resp: 14290
Ion Ratio Lower Upper
43 100
72 14.8 12.5 37.5



#23
Bromochloromethane
Concen: 5.261 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV036763.D
Acq: 02 Aug 2024 15:53

Tgt Ion: 128 Resp: 8643
Ion Ratio Lower Upper
128 100
49 165.5 120.0 223.0
130 116.6 87.0 161.6
51 51.4 43.1 64.7





#25

Chloroform

Concen: 4.820 ug/L

RT: 4.278 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV036763.D

Acq: 02 Aug 2024 15:53

Instrument :

MSVOA_V

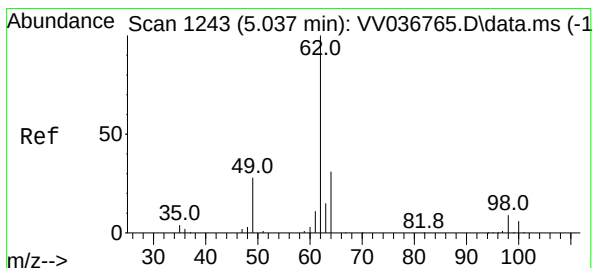
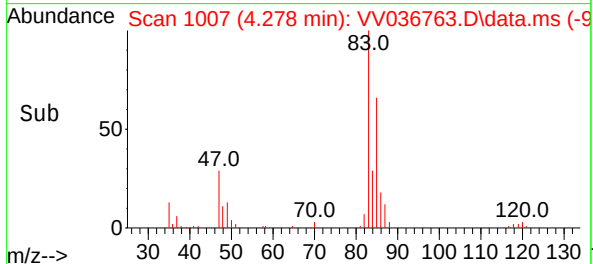
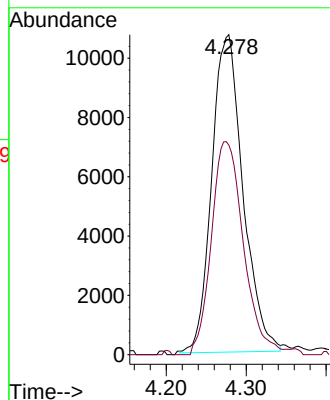
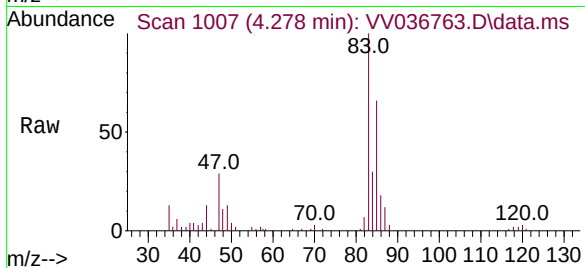
ClientSampleId :

Tgt Ion: 83 Resp: 29059

Ion Ratio Lower Upper

83 100

85 65.5 46.0 85.4



#27

1,2-Dichloroethane

Concen: 4.835 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.010 min

Lab File: VV036763.D

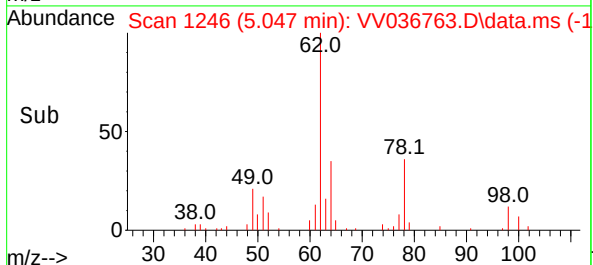
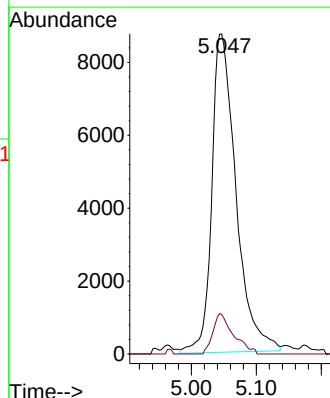
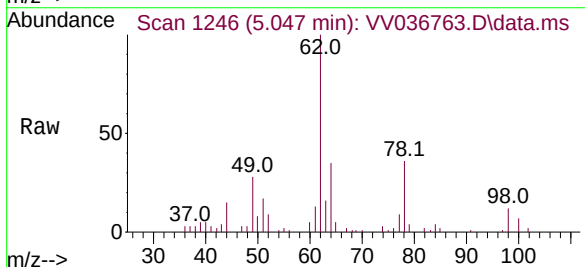
Acq: 02 Aug 2024 15:53

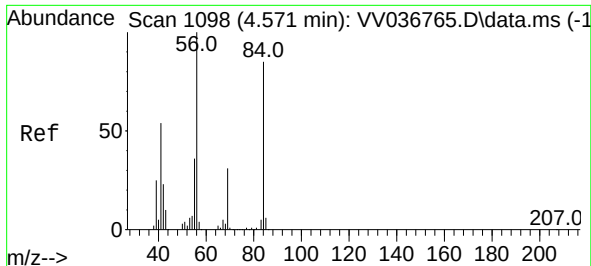
Tgt Ion: 62 Resp: 22591

Ion Ratio Lower Upper

62 100

98 12.4 7.5 11.3#





#29

Cyclohexane

Concen: 5.042 ug/L

RT: 4.574 min Scan# 1098

Delta R.T. 0.003 min

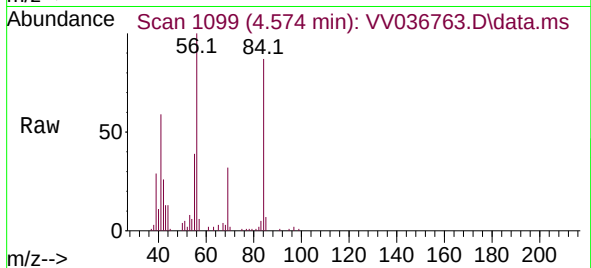
Lab File: VV036763.D

Acq: 02 Aug 2024 15:53

Instrument :

MSVOA_V

ClientSampleId :



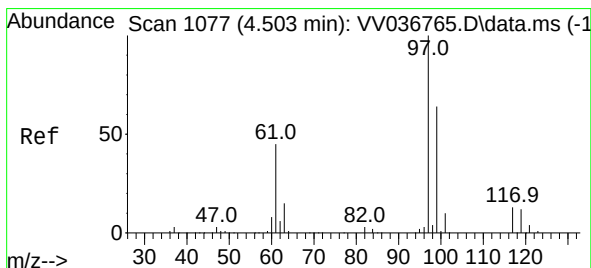
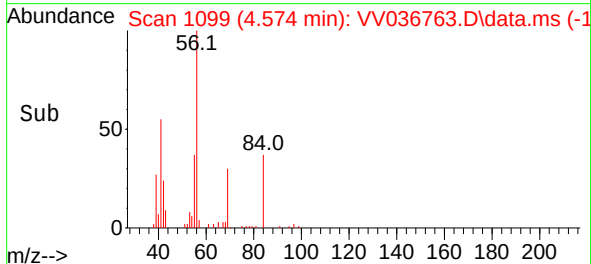
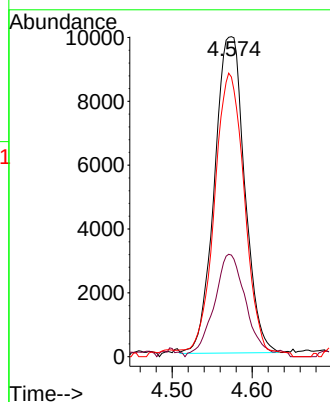
Tgt Ion: 56 Resp: 26016

Ion Ratio Lower Upper

56 100

69 33.7 24.7 37.1

84 89.9 68.5 102.7



#30

1,1,1-Trichloroethane

Concen: 5.098 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VV036763.D

Acq: 02 Aug 2024 15:53

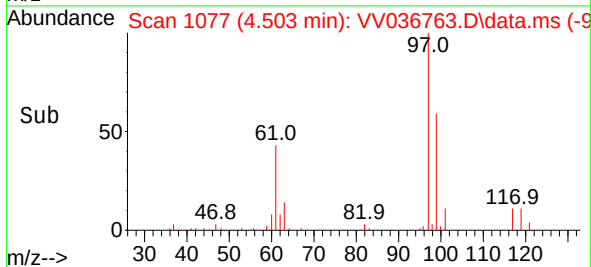
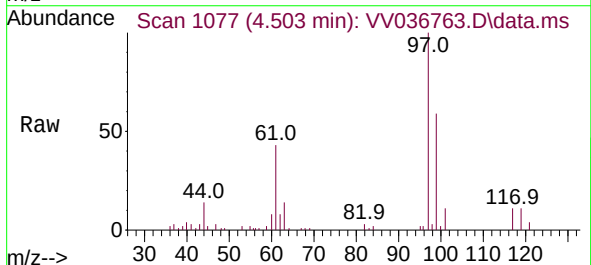
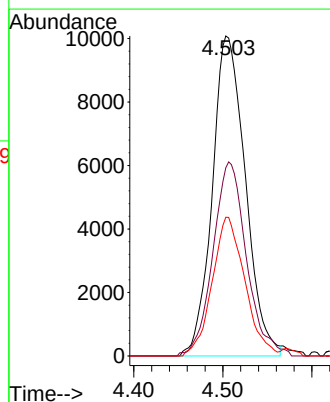
Tgt Ion: 97 Resp: 26029

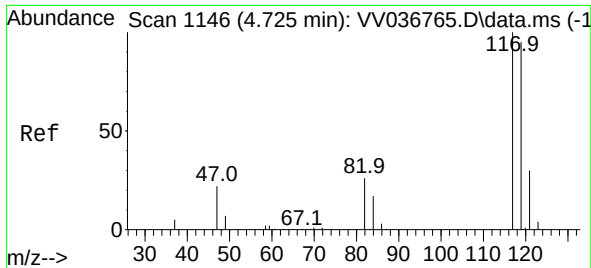
Ion Ratio Lower Upper

97 100

99 61.0 51.5 77.3

61 42.7 36.0 54.0

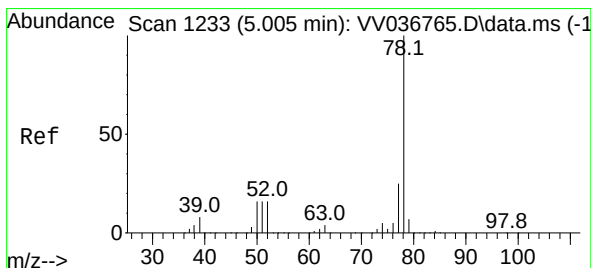
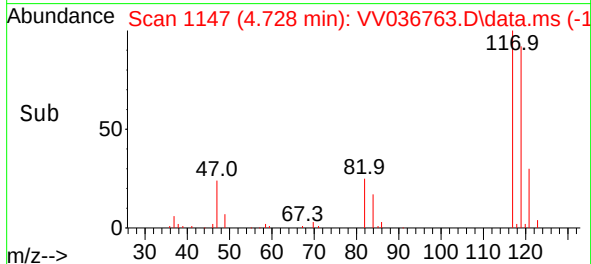
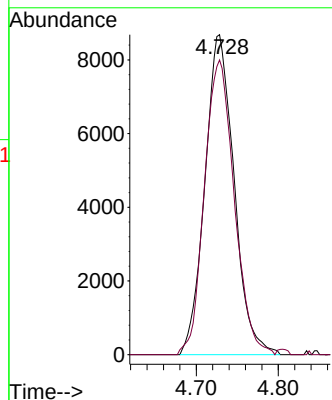
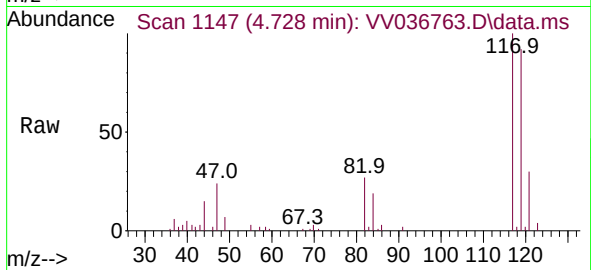




#31
Carbon tetrachloride
Concen: 5.012 ug/L
RT: 4.728 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV036763.D
Acq: 02 Aug 2024 15:53

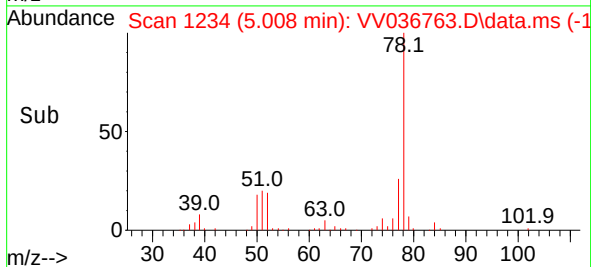
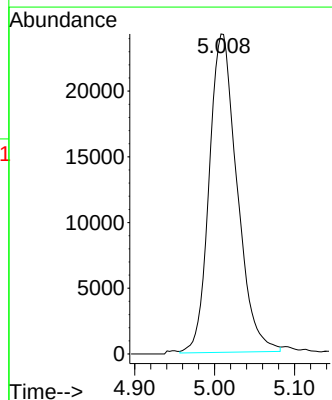
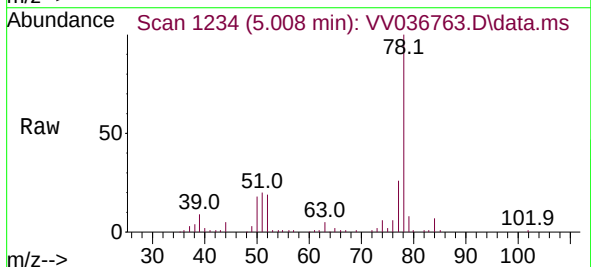
Instrument :
MSVOA_V
ClientSampleId :

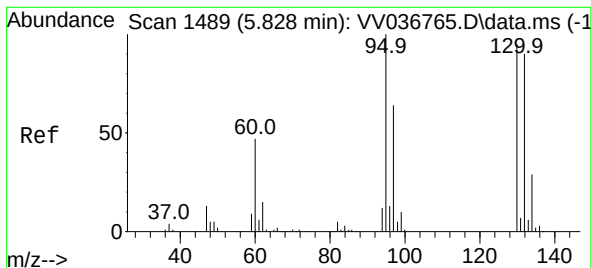
Tgt Ion:117 Resp: 21511
Ion Ratio Lower Upper
117 100
119 93.9 76.1 114.1



#33
Benzene
Concen: 4.830 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV036763.D
Acq: 02 Aug 2024 15:53

Tgt Ion: 78 Resp: 58638





#34

Trichloroethene

Concen: 5.047 ug/L

RT: 5.834 min Scan# 1489

Delta R.T. 0.006 min

Lab File: VV036763.D

Acq: 02 Aug 2024 15:53

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 17764

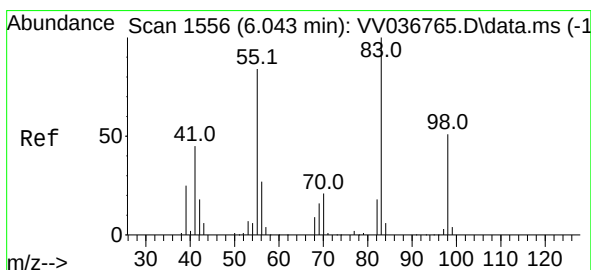
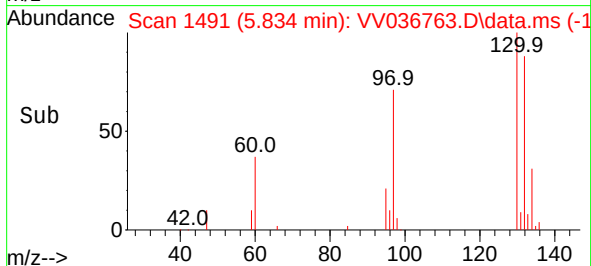
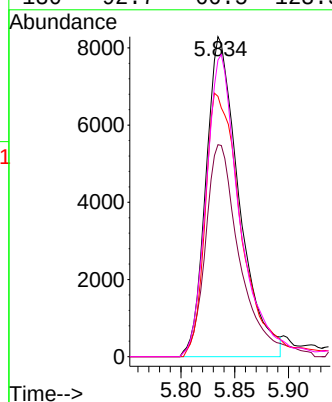
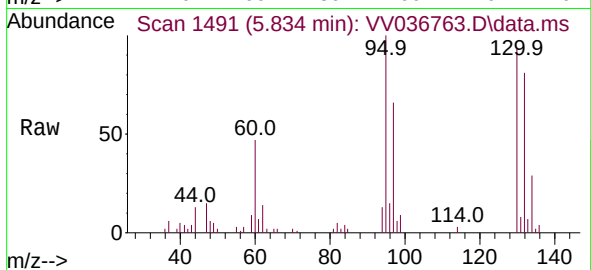
Ion Ratio Lower Upper

95 100

97 66.3 44.7 82.9

132 81.4 62.9 116.9

130 92.7 66.5 123.5



#35

Methylcyclohexane

Concen: 5.233 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VV036763.D

Acq: 02 Aug 2024 15:53

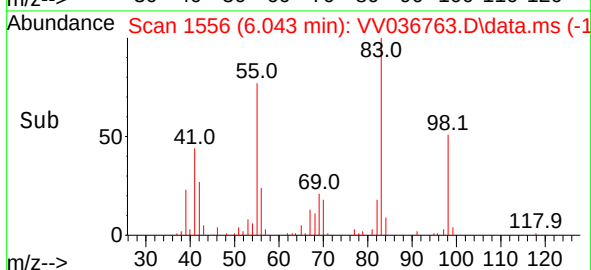
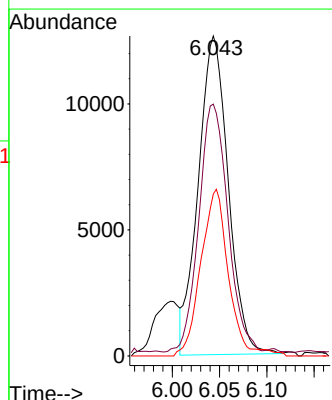
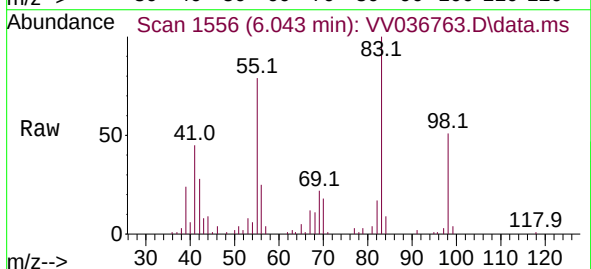
Tgt Ion: 83 Resp: 27917

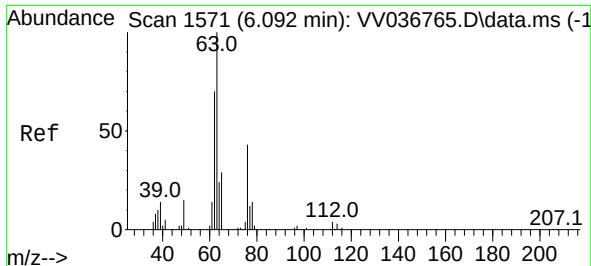
Ion Ratio Lower Upper

83 100

55 75.4 62.3 93.5

98 46.9 38.7 58.1

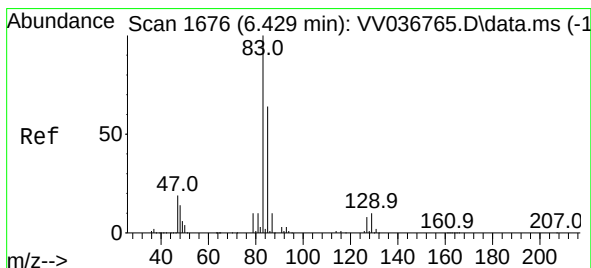
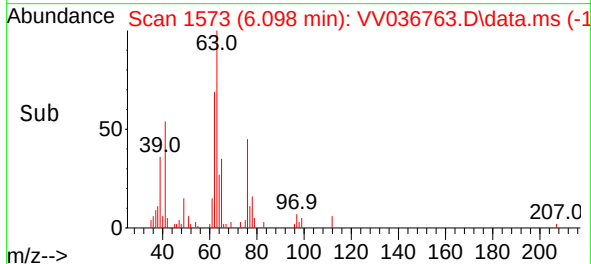
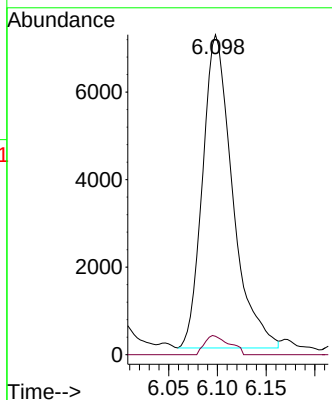
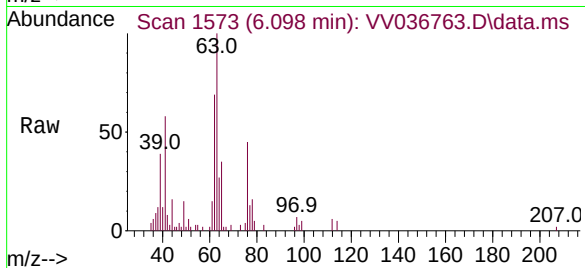




#37
1,2-Dichloropropane
Concen: 4.797 ug/L
RT: 6.098 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VV036763.D
Acq: 02 Aug 2024 15:53

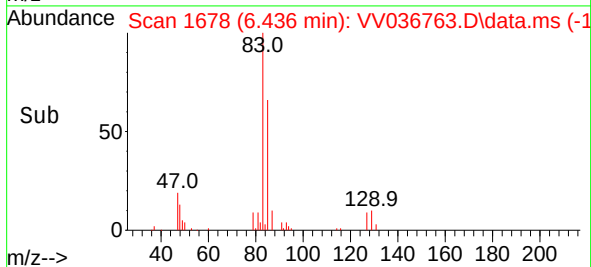
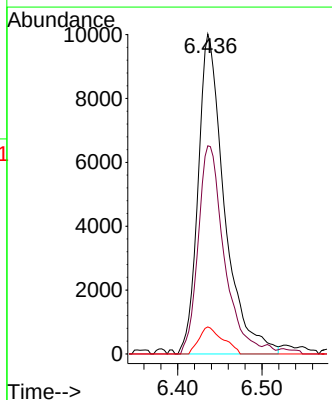
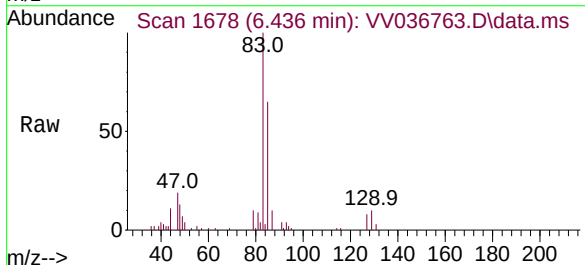
Instrument :
MSVOA_V
ClientSampleId :

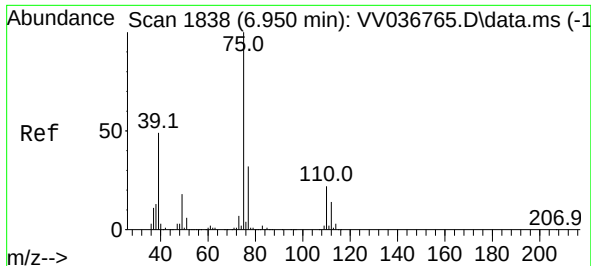
Tgt Ion: 63 Resp: 15333
Ion Ratio Lower Upper
63 100
112 5.0 3.6 5.4



#38
Bromodichloromethane
Concen: 4.904 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VV036763.D
Acq: 02 Aug 2024 15:53

Tgt Ion: 83 Resp: 21744
Ion Ratio Lower Upper
83 100
85 65.0 44.7 83.1
127 8.5 6.2 9.4

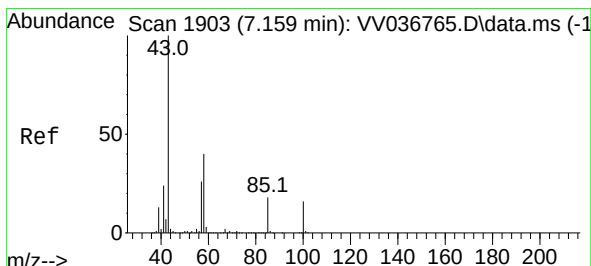
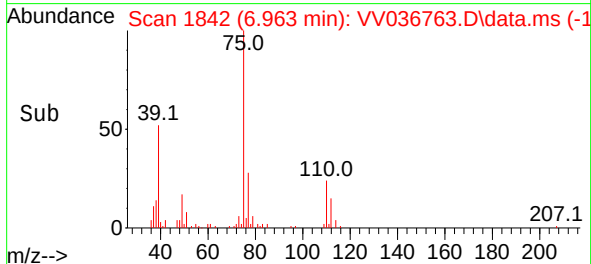
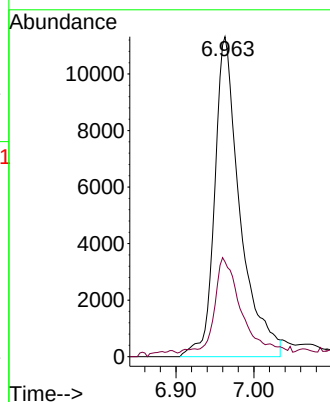
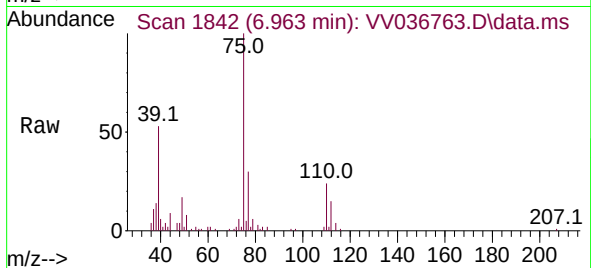




#39
 cis-1,3-Dichloropropene
 Concen: 4.621 ug/L
 RT: 6.963 min Scan# 11
 Delta R.T. 0.013 min
 Lab File: VV036763.D
 Acq: 02 Aug 2024 15:53

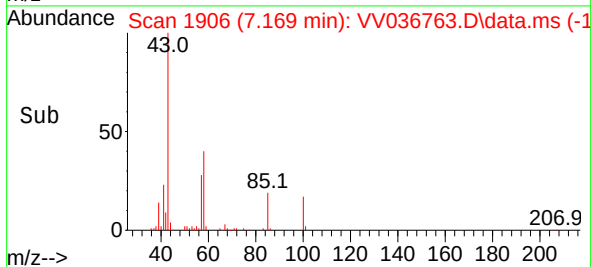
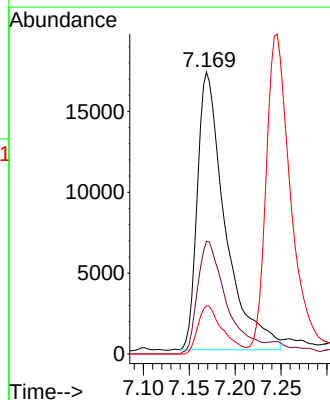
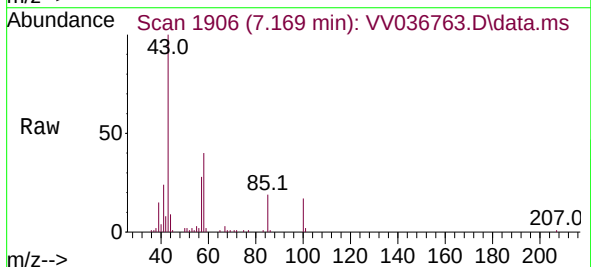
Instrument :
 MSVOA_V
 ClientSampleId :

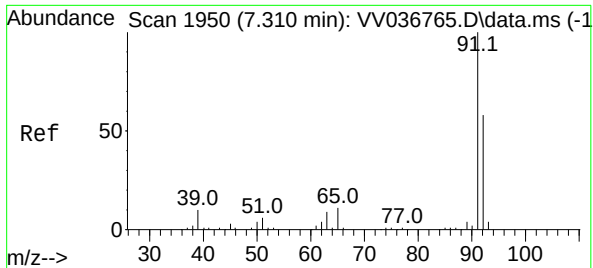
Tgt Ion: 75 Resp: 25673
 Ion Ratio Lower Upper
 75 100
 77 29.6 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 9.414 ug/L
 RT: 7.169 min Scan# 1906
 Delta R.T. 0.010 min
 Lab File: VV036763.D
 Acq: 02 Aug 2024 15:53

Tgt Ion: 43 Resp: 36387
 Ion Ratio Lower Upper
 43 100
 58 42.0 31.3 46.9
 100 15.6 12.6 18.8





#42

Toluene

Concen: 4.950 ug/L

RT: 7.317 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VV036763.D

Acq: 02 Aug 2024 15:53

Instrument :

MSVOA_V

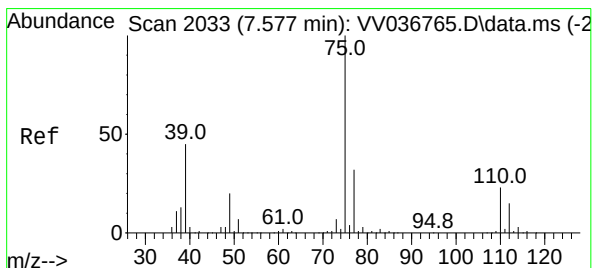
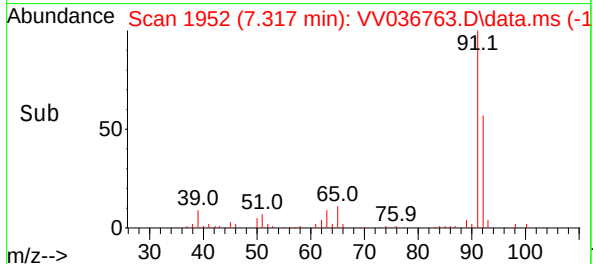
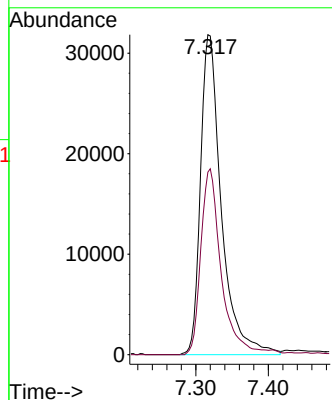
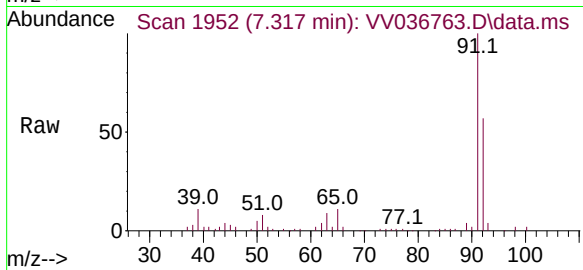
ClientSampleId :

Tgt Ion: 91 Resp: 63600

Ion Ratio Lower Upper

91 100

92 57.0 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 4.730 ug/L

RT: 7.593 min Scan# 2038

Delta R.T. 0.016 min

Lab File: VV036763.D

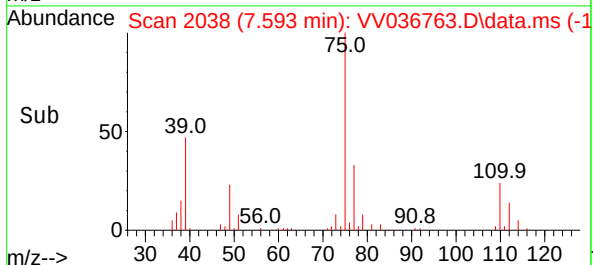
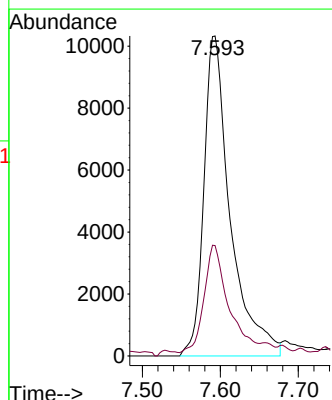
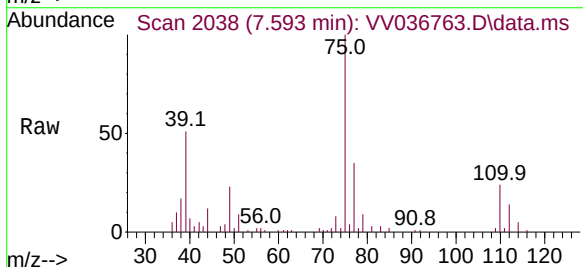
Acq: 02 Aug 2024 15:53

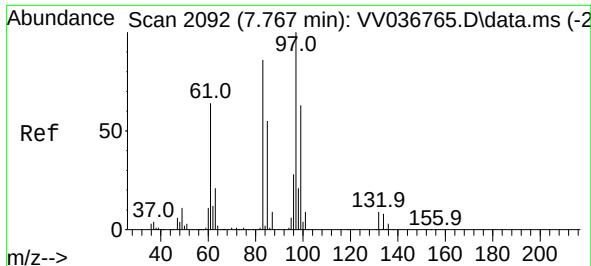
Tgt Ion: 75 Resp: 24360

Ion Ratio Lower Upper

75 100

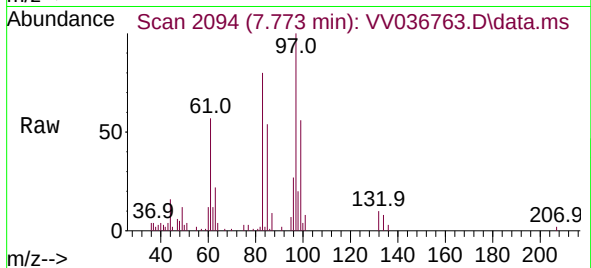
77 34.5 22.4 41.6



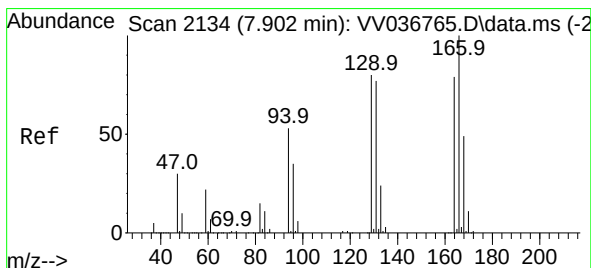
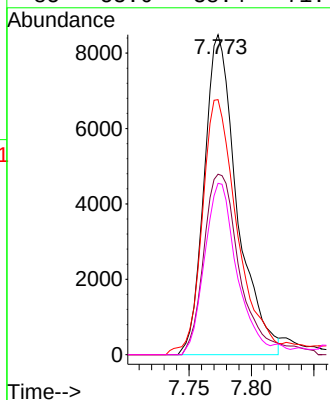
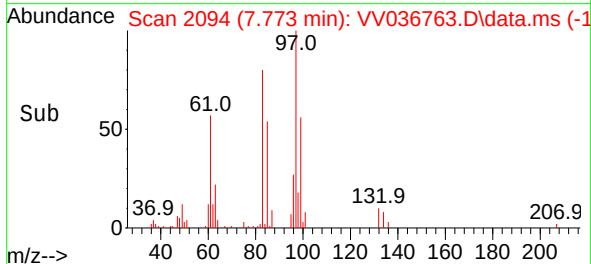


#45
1,1,2-Trichloroethane
Concen: 5.082 ug/L
RT: 7.773 min Scan# 2092
Delta R.T. 0.006 min
Lab File: VV036763.D
Acq: 02 Aug 2024 15:53

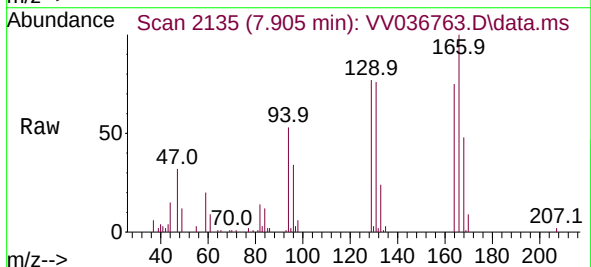
Instrument :
MSVOA_V
ClientSampleId :



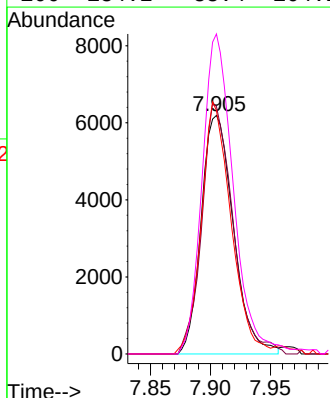
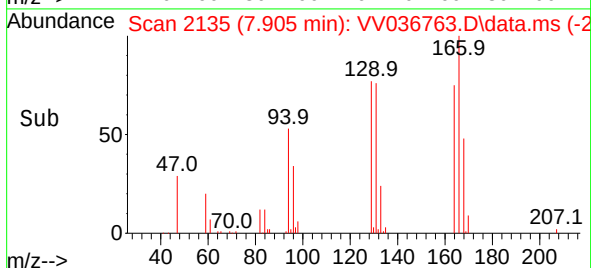
Tgt Ion:	97	Resp:	15588
Ion Ratio	100	Lower	Upper
99	56.4	44.0	81.6
83	79.7	60.1	111.5
85	53.6	38.4	71.4

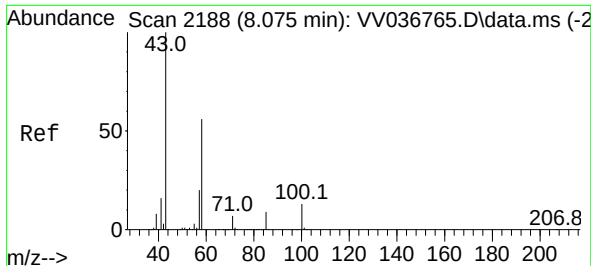


#46
Tetrachloroethene
Concen: 5.053 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV036763.D
Acq: 02 Aug 2024 15:53



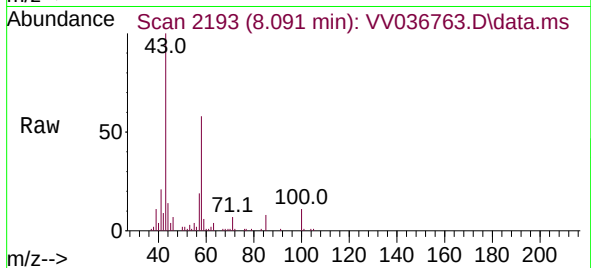
Tgt Ion:	164	Resp:	11560
Ion Ratio	100	Lower	Upper
129	103.7	70.4	130.8
131	102.1	67.7	125.7
166	134.2	88.4	164.2





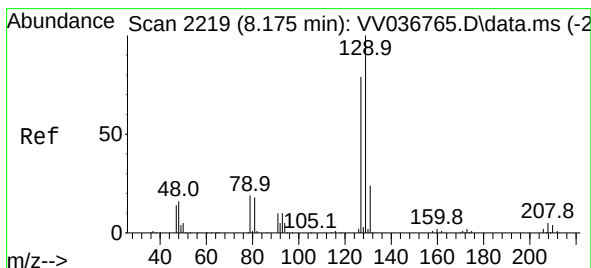
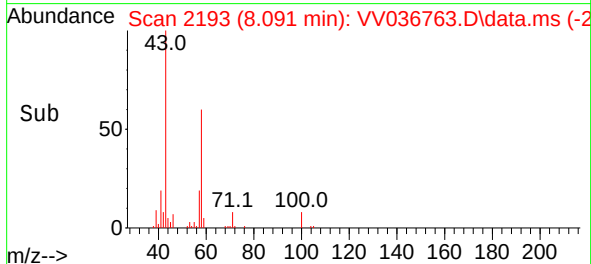
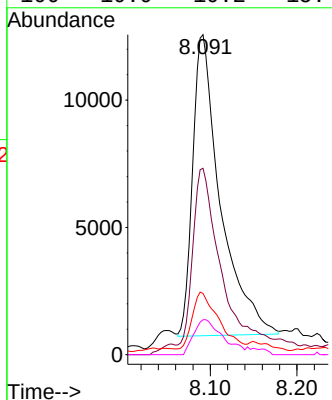
#48
2-Hexanone
Concen: 9.038 ug/L
RT: 8.091 min Scan# 2188
Delta R.T. 0.016 min
Lab File: VV036763.D
Acq: 02 Aug 2024 15:53

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 26311

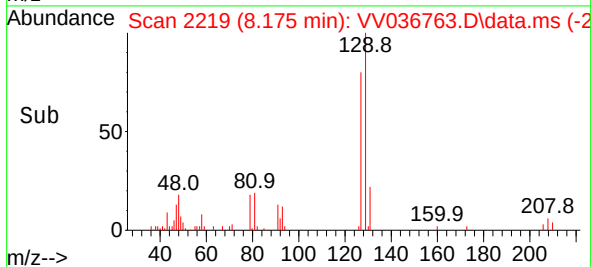
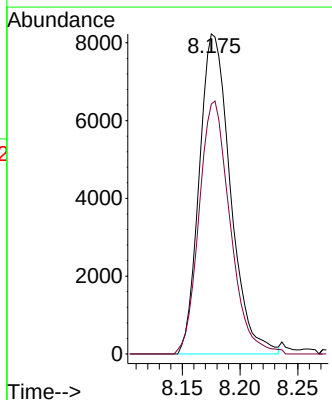
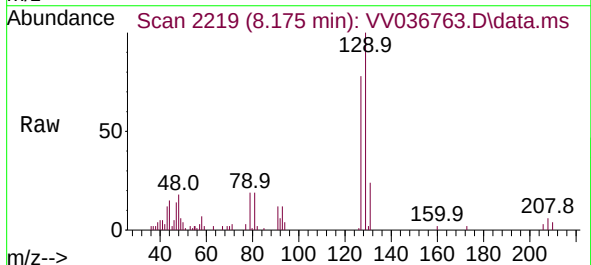
Ion	Ratio	Lower	Upper
43	100		
58	53.6	44.7	67.1
57	17.6	15.0	22.4
100	10.9	10.2	15.4

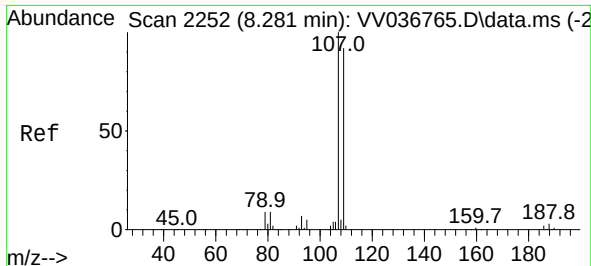


#49
Dibromochloromethane
Concen: 4.788 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV036763.D
Acq: 02 Aug 2024 15:53

Tgt Ion: 129 Resp: 15402

Ion	Ratio	Lower	Upper
129	100		
127	78.1	55.4	102.8

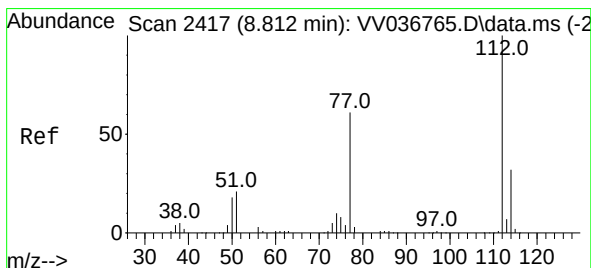
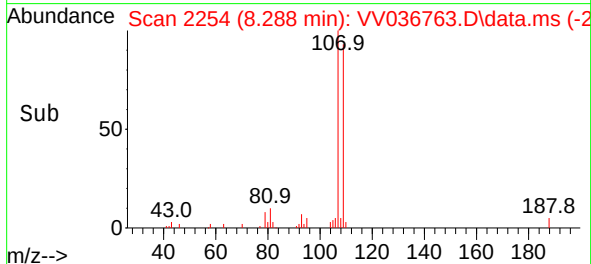
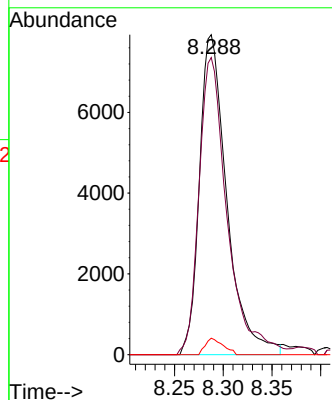
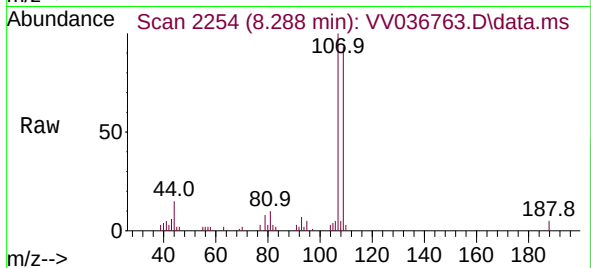




#50
1,2-Dibromoethane
Concen: 4.778 ug/L
RT: 8.288 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV036763.D
Acq: 02 Aug 2024 15:53

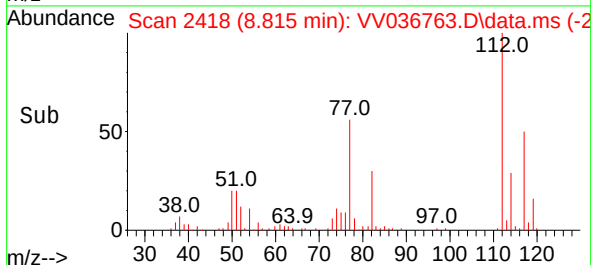
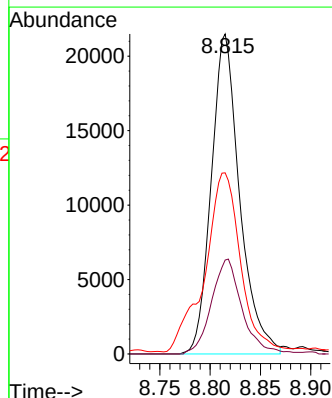
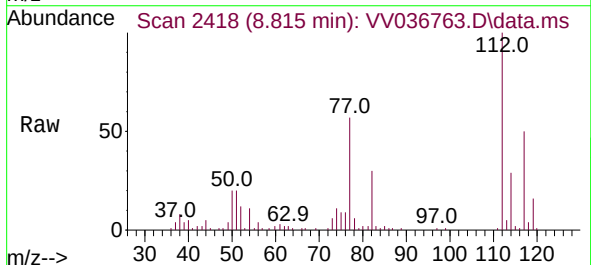
Instrument :
MSVOA_V
ClientSampleId :

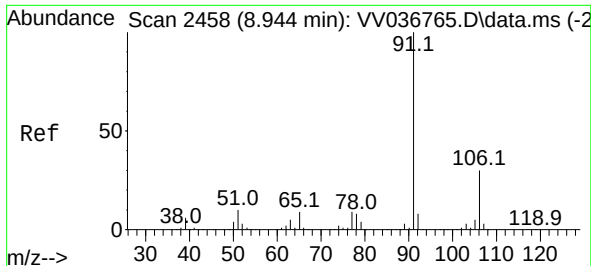
Tgt Ion:107 Resp: 15493
Ion Ratio Lower Upper
107 100
109 92.9 64.7 120.1
188 5.1 2.6 3.8#



#51
Chlorobenzene
Concen: 5.081 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV036763.D
Acq: 02 Aug 2024 15:53

Tgt Ion:112 Resp: 42274
Ion Ratio Lower Upper
112 100
114 29.4 22.3 41.5
77 56.6 48.9 73.3





#52

Ethylbenzene

Concen: 4.907 ug/L

RT: 8.947 min Scan# 2458

Delta R.T. 0.003 min

Lab File: VV036763.D

Acq: 02 Aug 2024 15:53

Instrument :

MSVOA_V

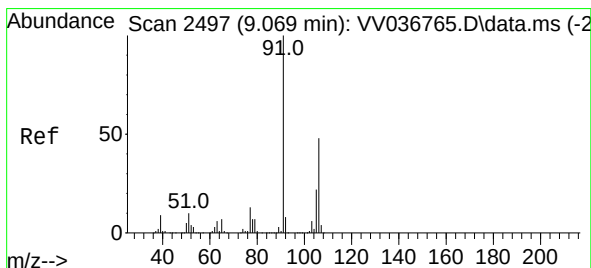
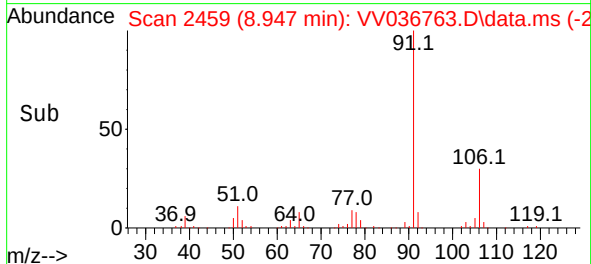
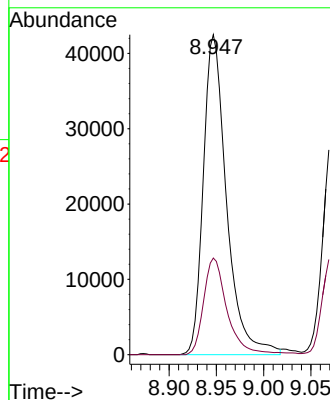
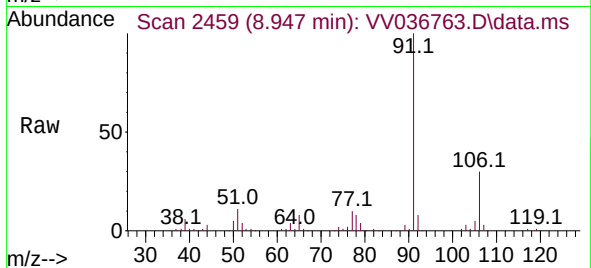
ClientSampleId :

Tgt Ion: 91 Resp: 72691

Ion Ratio Lower Upper

91 100

106 30.2 21.1 39.1



#53

m,p-Xylene

Concen: 4.875 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. 0.006 min

Lab File: VV036763.D

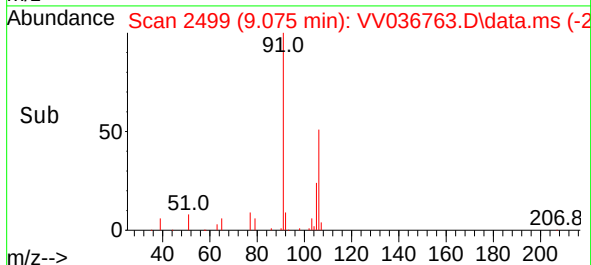
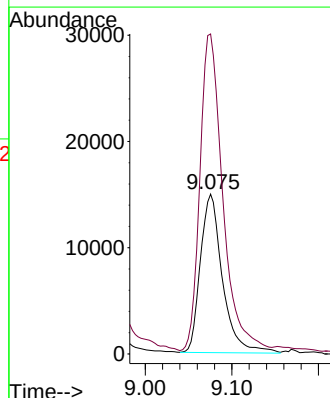
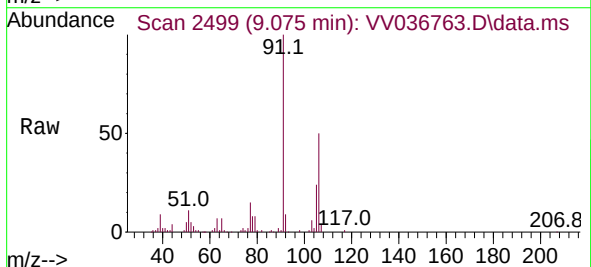
Acq: 02 Aug 2024 15:53

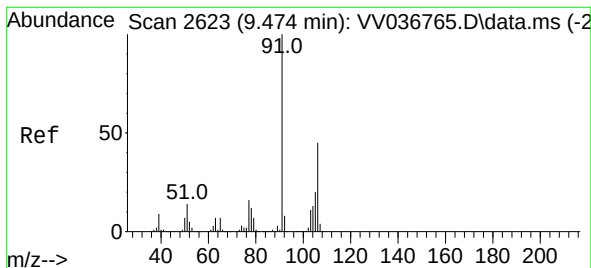
Tgt Ion:106 Resp: 26465

Ion Ratio Lower Upper

106 100

91 200.2 147.1 273.3





#54

o-Xylene

Concen: 4.881 ug/L

RT: 9.477 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV036763.D

Acq: 02 Aug 2024 15:53

Instrument :

MSVOA_V

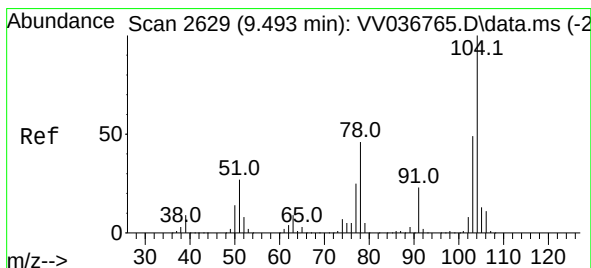
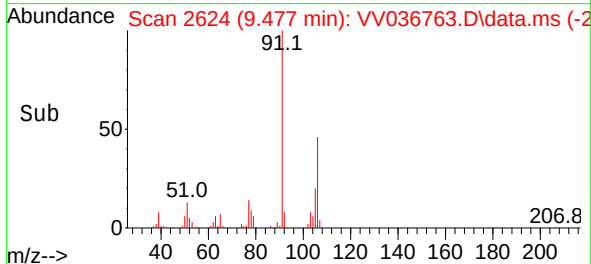
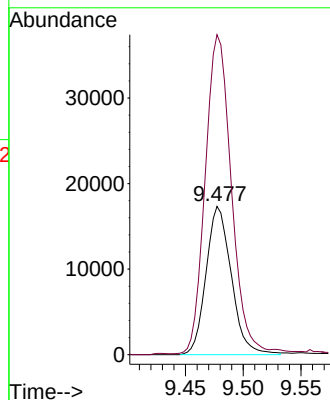
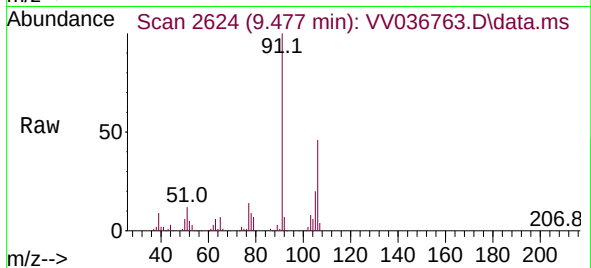
ClientSampleId :

Tgt Ion:106 Resp: 26374

Ion Ratio Lower Upper

106 100

91 215.7 154.5 286.9



#55

Styrene

Concen: 4.792 ug/L

RT: 9.500 min Scan# 2631

Delta R.T. 0.006 min

Lab File: VV036763.D

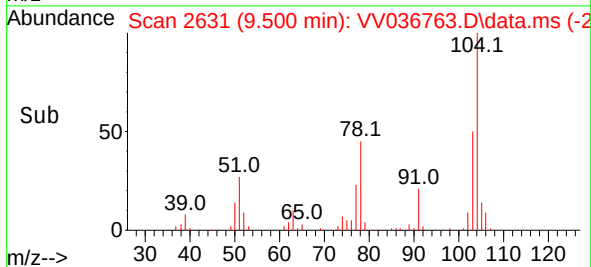
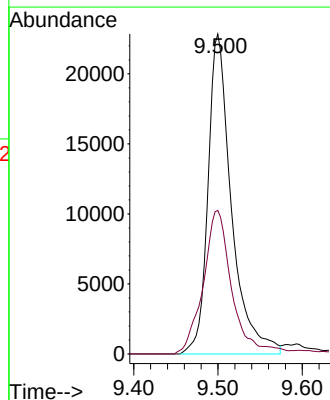
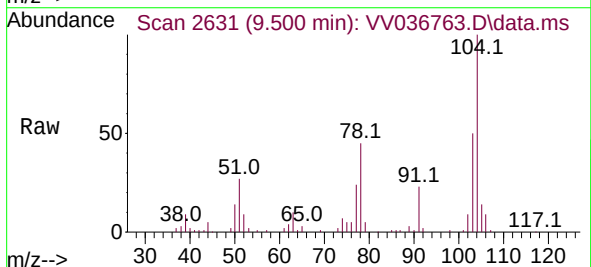
Acq: 02 Aug 2024 15:53

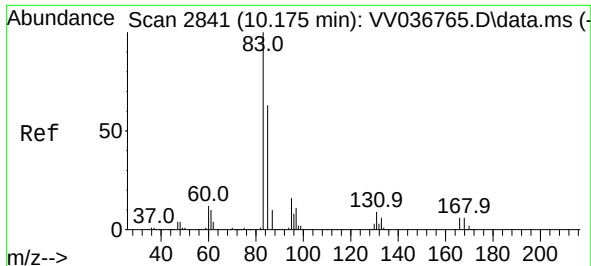
Tgt Ion:104 Resp: 44311

Ion Ratio Lower Upper

104 100

78 44.9 32.1 59.7

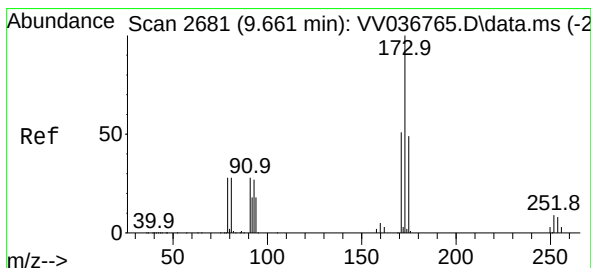
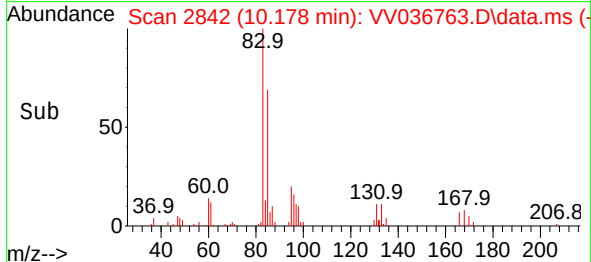
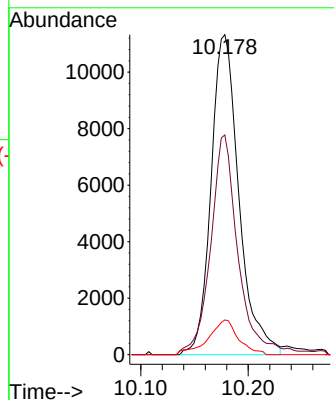
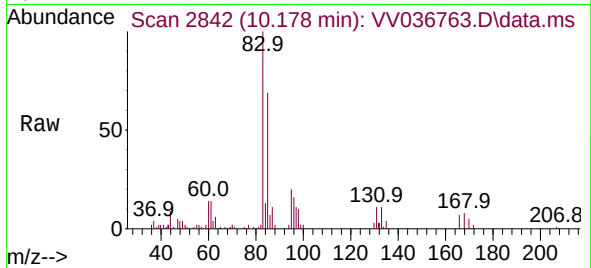




#57
1,1,2,2-Tetrachloroethane
Concen: 4.951 ug/L
RT: 10.178 min Scan# 2841
Delta R.T. 0.003 min
Lab File: VV036763.D
Acq: 02 Aug 2024 15:53

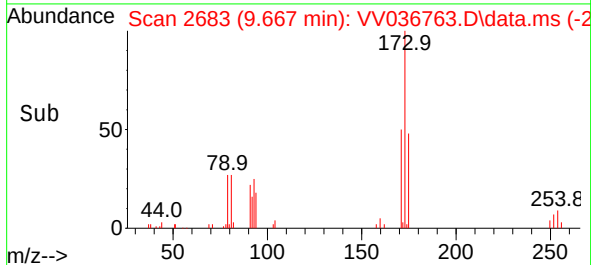
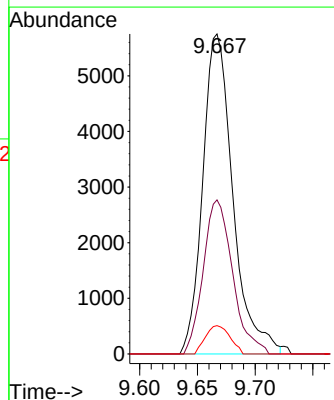
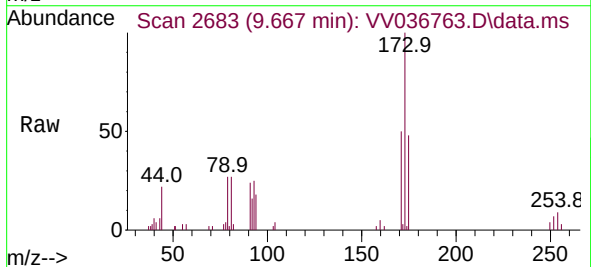
Instrument :
MSVOA_V
ClientSampleId :

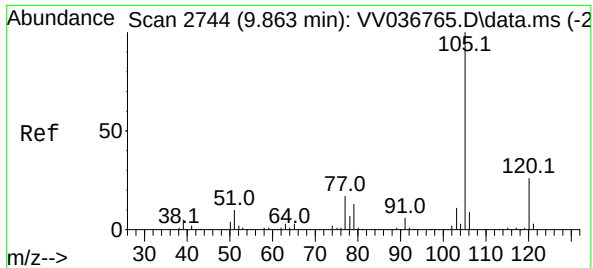
Tgt Ion	83	85	131
Ratio	100	68.7	13.5
Lower		44.7	7.2
Upper		83.1	10.8



#59
Bromoform
Concen: 4.757 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.006 min
Lab File: VV036763.D
Acq: 02 Aug 2024 15:53

Tgt Ion	173	175	254
Ratio	100	46.9	7.2
Lower		39.8	6.8
Upper		59.8	10.2

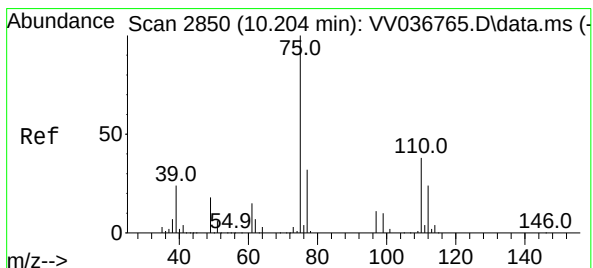
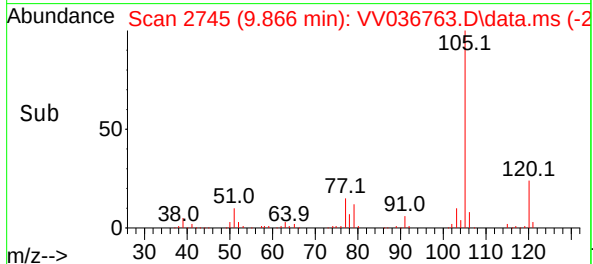
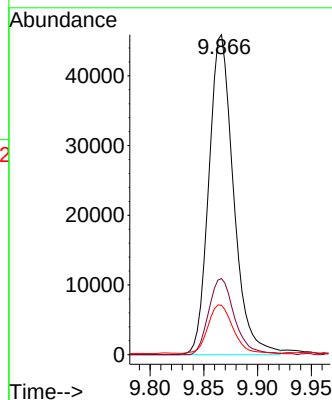
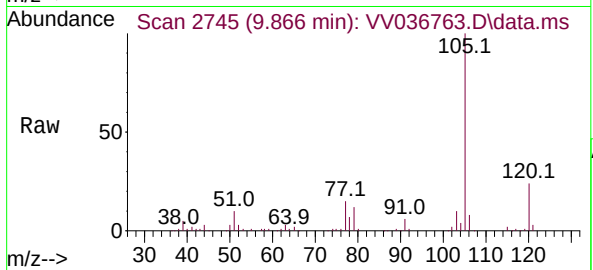




#60
Isopropylbenzene
Concen: 5.083 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV036763.D
Acq: 02 Aug 2024 15:53

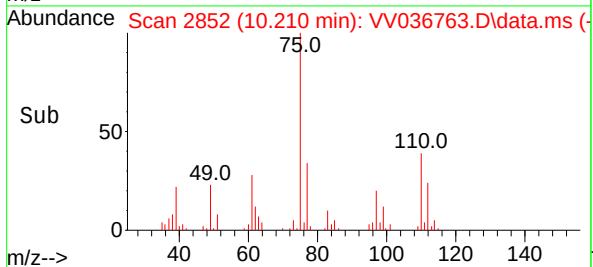
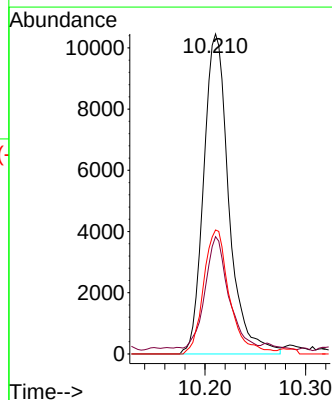
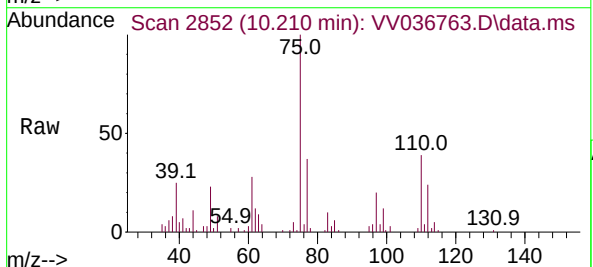
Instrument :
MSVOA_V
ClientSampleId :

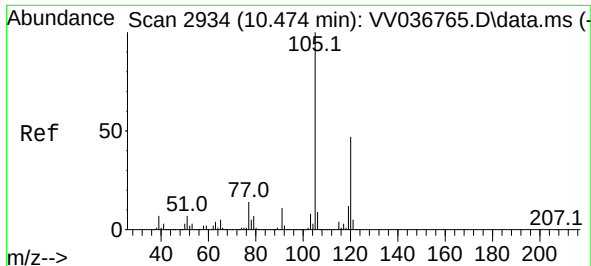
Tgt Ion:105 Resp: 73214
Ion Ratio Lower Upper
105 100
120 25.1 20.3 30.5
77 15.4 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 5.212 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.006 min
Lab File: VV036763.D
Acq: 02 Aug 2024 15:53

Tgt Ion: 75 Resp: 18247
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.2
110 39.5 31.3 46.9





#62

1,3,5-Trimethylbenzene

Concen: 4.846 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV036763.D

Acq: 02 Aug 2024 15:53

Instrument :

MSVOA_V

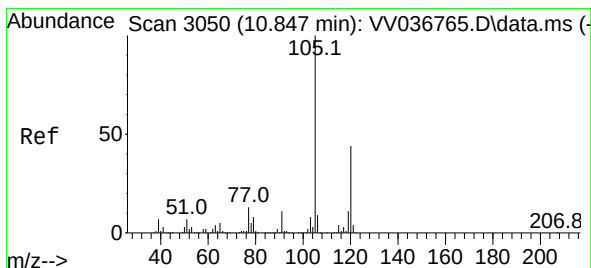
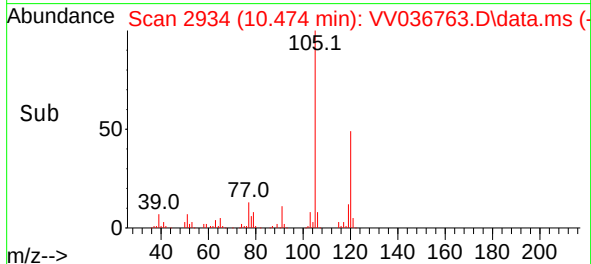
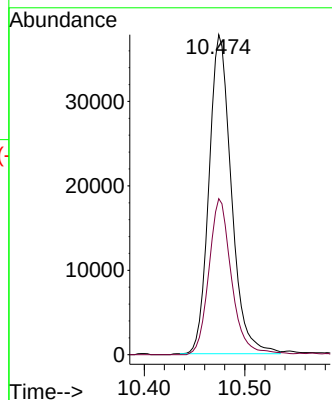
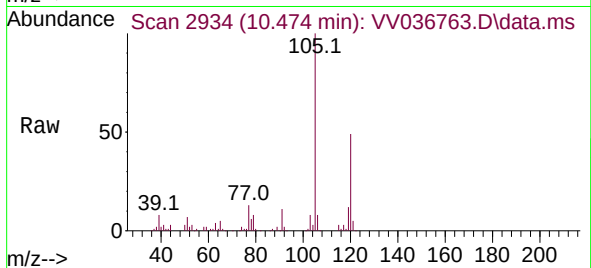
ClientSampleId :

Tgt Ion:105 Resp: 58474

Ion Ratio Lower Upper

105 100

120 49.5 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 4.890 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VV036763.D

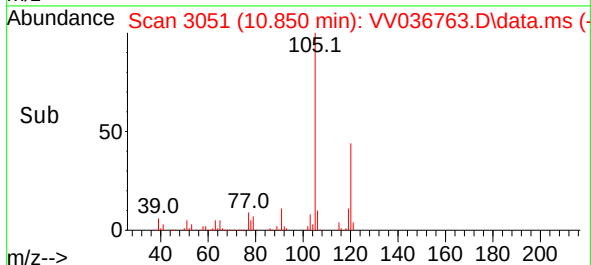
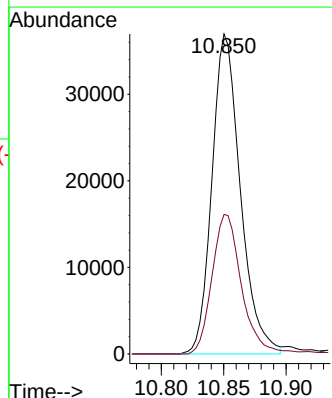
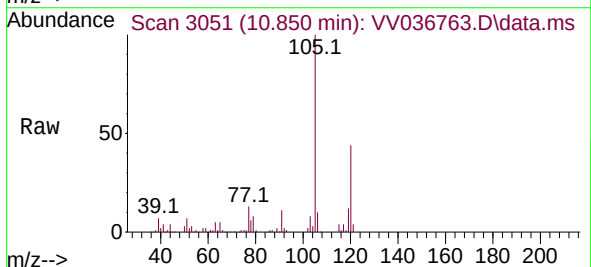
Acq: 02 Aug 2024 15:53

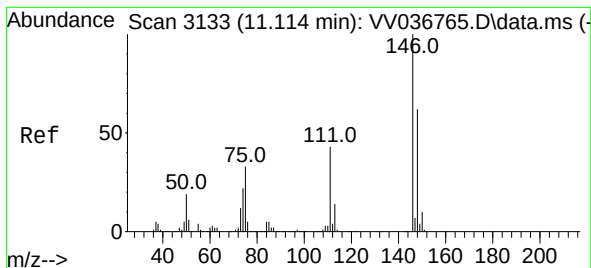
Tgt Ion:105 Resp: 58656

Ion Ratio Lower Upper

105 100

120 45.2 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 4.972 ug/L

RT: 11.117 min Scan# 3112

Delta R.T. 0.003 min

Lab File: VV036763.D

Acq: 02 Aug 2024 15:53

Instrument :

MSVOA_V

ClientSampleId :

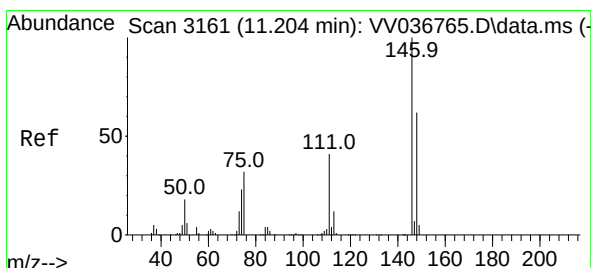
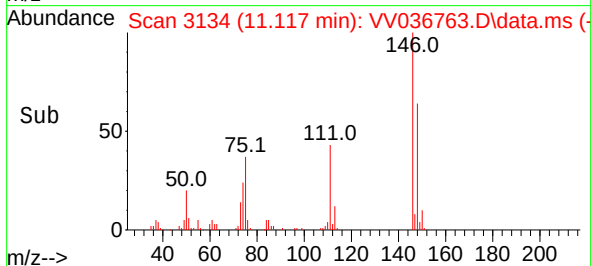
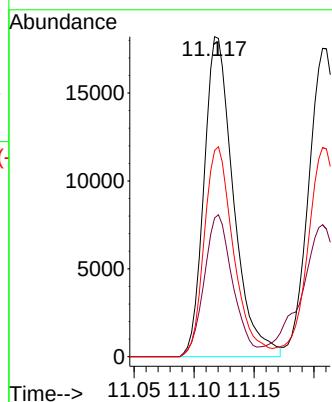
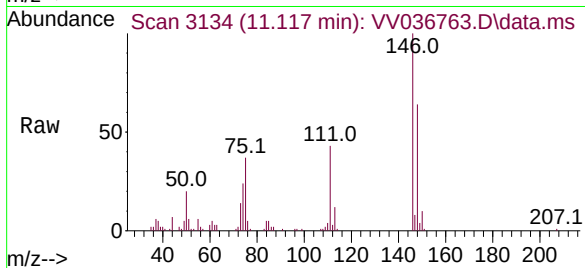
Tgt Ion:146 Resp: 31122

Ion Ratio Lower Upper

146 100

111 43.3 29.8 55.4

148 64.4 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 4.877 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV036763.D

Acq: 02 Aug 2024 15:53

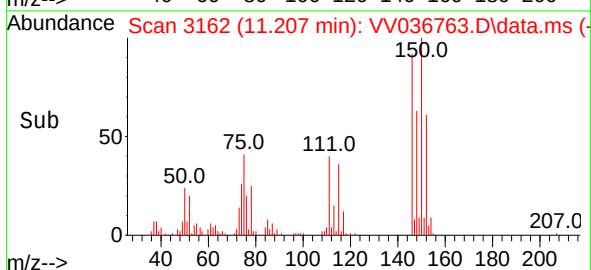
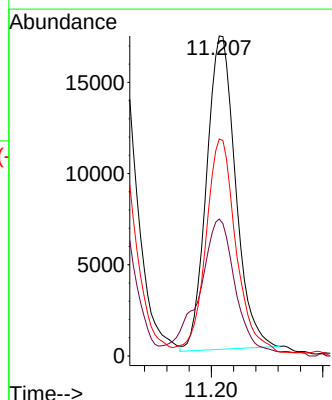
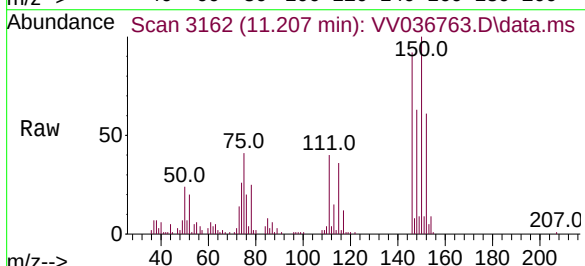
Tgt Ion:146 Resp: 31117

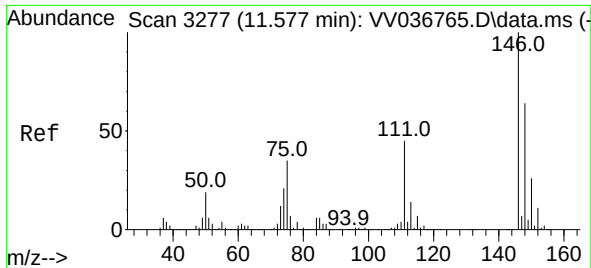
Ion Ratio Lower Upper

146 100

111 42.8 29.0 53.9

148 67.8 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 4.923 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV036763.D

Acq: 02 Aug 2024 15:53

Instrument :

MSVOA_V

ClientSampleId :

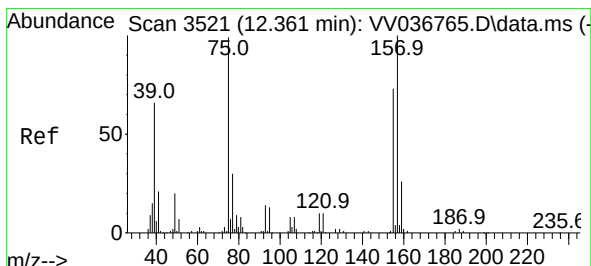
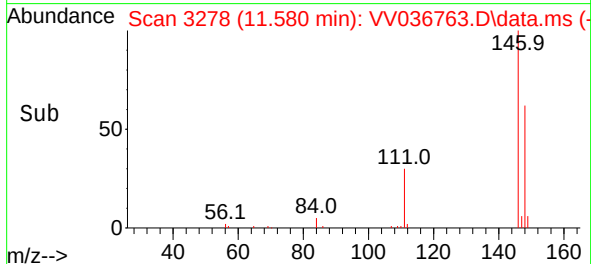
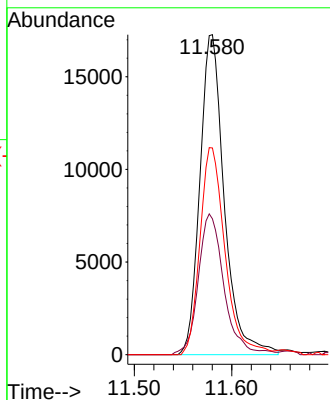
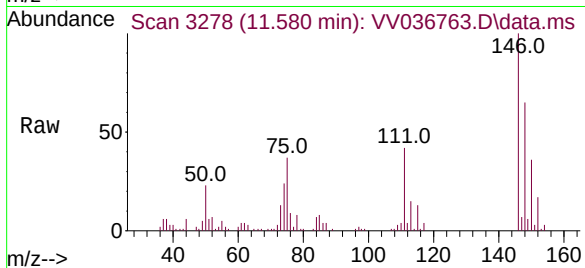
Tgt Ion:146 Resp: 30070

Ion Ratio Lower Upper

146 100

111 42.4 35.7 53.5

148 64.6 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.088 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.003 min

Lab File: VV036763.D

Acq: 02 Aug 2024 15:53

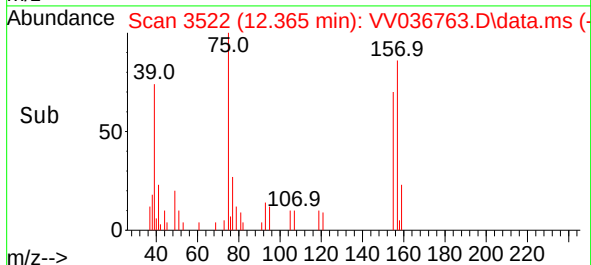
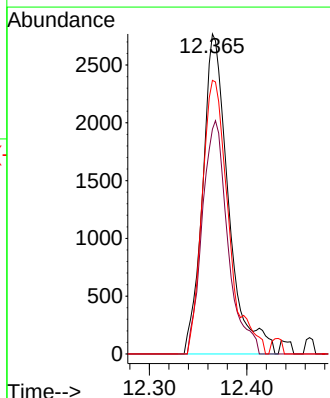
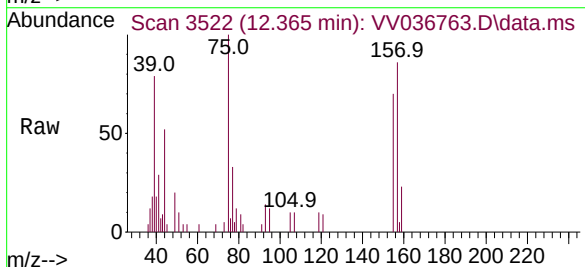
Tgt Ion: 75 Resp: 5097

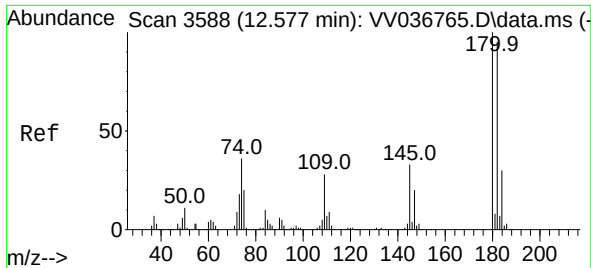
Ion Ratio Lower Upper

75 100

155 70.2 59.5 89.3

157 85.5 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 5.118 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.006 min

Lab File: VV036763.D

Acq: 02 Aug 2024 15:53

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 22372

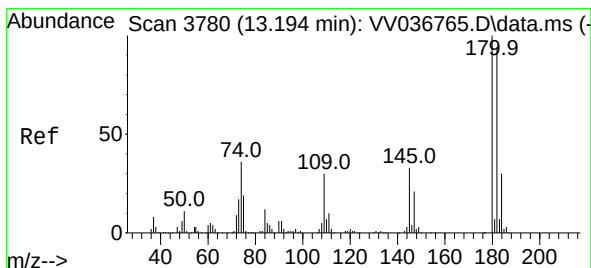
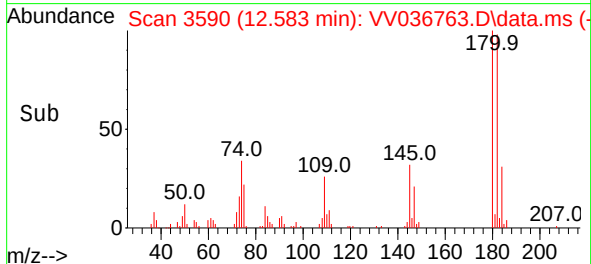
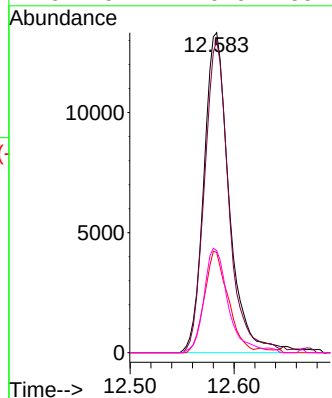
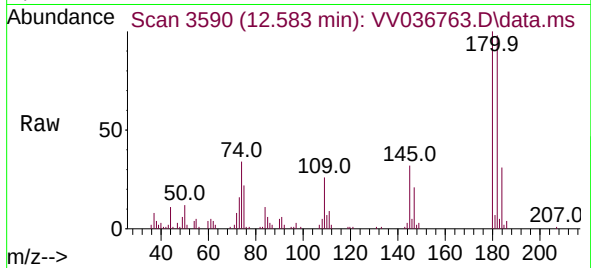
Ion Ratio Lower Upper

180 100

182 93.7 75.0 112.6

184 30.0 23.7 35.5

145 31.2 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 5.343 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.006 min

Lab File: VV036763.D

Acq: 02 Aug 2024 15:53

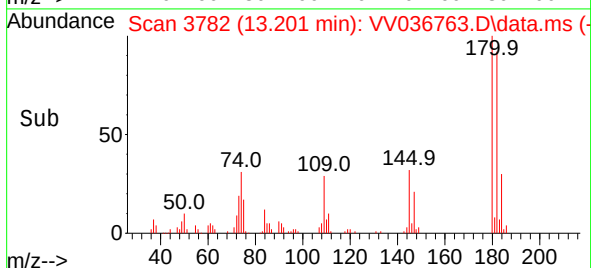
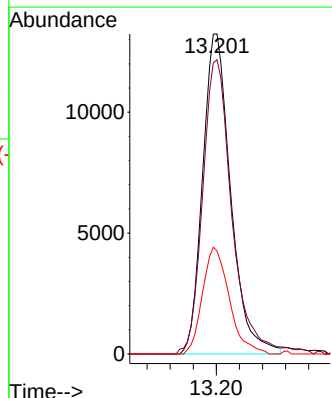
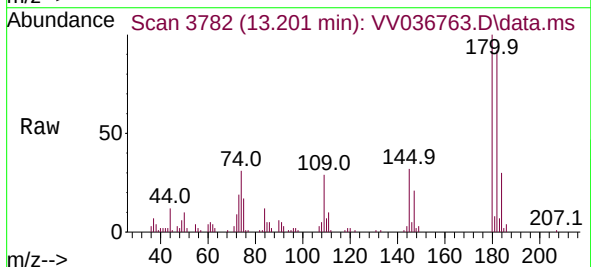
Tgt Ion:180 Resp: 22308

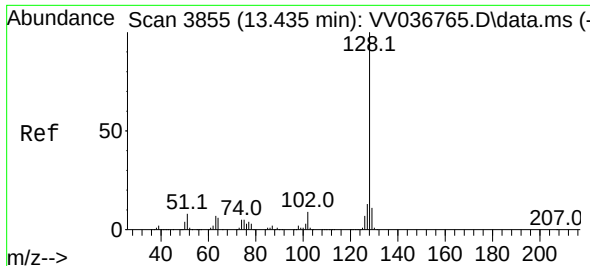
Ion Ratio Lower Upper

180 100

182 95.8 75.1 112.7

145 31.9 26.5 39.7

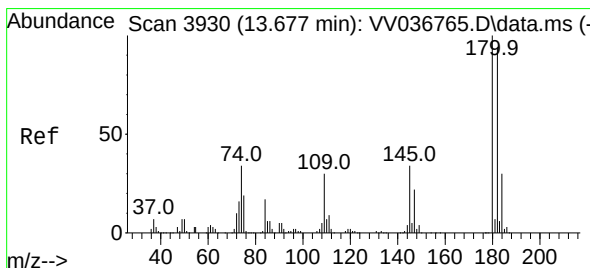
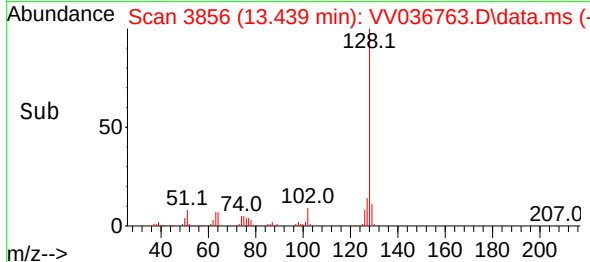
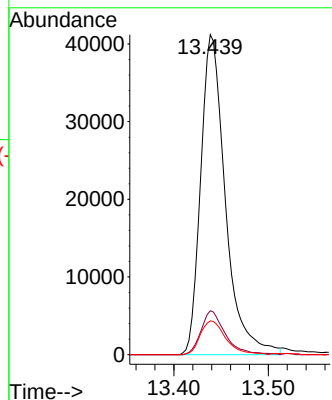
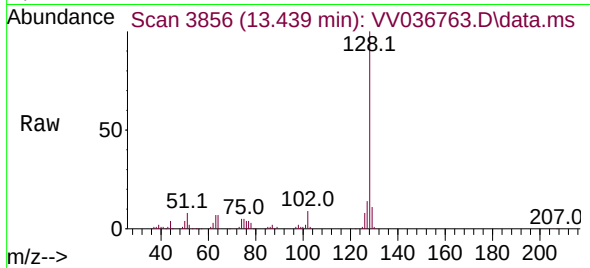




#71
Naphthalene
Concen: 5.727 ug/L
RT: 13.439 min Scan# 3855
Delta R.T. 0.003 min
Lab File: VV036763.D
Acq: 02 Aug 2024 15:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 74829
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 5.150 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.003 min
Lab File: VV036763.D
Acq: 02 Aug 2024 15:53

Tgt Ion:180 Resp: 20900
Ion Ratio Lower Upper
180 100
182 99.6 76.2 114.2
145 36.6 27.8 41.6

