

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062724\
 Data File : VV036300.D
 Acq On : 27 Jun 2024 09:38
 Operator : SY/MD
 Sample : VSTD100
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 28 00:04:37 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	5.532	114	422505	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	432693	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	247531	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	710365	98.999	ug/L	0.00
7) Chloroethane-d5	1.526	69	539346	94.106	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.050	65	328977	97.527	ug/L	0.00
21) 2-Butanone-d5	3.818	46	360870	224.384	ug/L	-0.02
24) Chloroform-d	4.240	84	1187523	95.220	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.934	65	655518	98.562	ug/L	0.00
32) Benzene-d6	4.953	84	2368727	96.977	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	728766	89.460	ug/L	0.00
41) Toluene-d8	7.240	98	2281358	103.591	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	353051	107.609	ug/L	0.00
47) 2-Hexanone-d5	8.024	63	303309	257.668	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	610838	101.427	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	890079	98.674	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.102	85	766168	95.442	ug/L	100
3) Chloromethane	1.211	50	693985	95.506	ug/L	100
5) Vinyl chloride	1.278	62	801275	95.494	ug/L	99
6) Bromomethane	1.484	94	535333	94.860	ug/L	98
8) Chloroethane	1.545	64	483180	93.432	ug/L	99
9) Trichlorofluoromethane	1.706	101	1125861	93.951	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	713941	94.979	ug/L	99
12) 1,1-Dichloroethene	2.060	96	631650	94.912	ug/L	96
13) Acetone	2.381	43	275443	132.434	ug/L	100
14) Carbon disulfide	2.230	76	1990653	94.806	ug/L	100
15) Methyl Acetate	2.381	43	291195	97.302	ug/L	99
16) Methylene chloride	2.439	84	660094	79.358	ug/L	100
17) trans-1,2-Dichloroethene	2.683	96	635317	96.149	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	1646751	107.060	ug/L	99
19) 1,1-Dichloroethane	3.105	63	1122533	95.547	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	691075	103.986	ug/L	99
22) 2-Butanone	3.896	43	427007	256.359	ug/L	96
23) Bromochloromethane	4.137	128	338216	97.599	ug/L	99
25) Chloroform	4.269	83	1200683	95.818	ug/L	99
27) 1,2-Dichloroethane	5.034	62	815573	100.515	ug/L	100
29) Cyclohexane	4.574	56	995587	108.002	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	1017014	94.794	ug/L	100
31) Carbon tetrachloride	4.728	117	907665	94.951	ug/L	99
33) Benzene	5.002	78	2500082	97.552	ug/L	100
34) Trichloroethene	5.825	95	796330	98.467	ug/L	99
35) Methylcyclohexane	6.047	83	1210765	107.427	ug/L	99
37) 1,2-Dichloropropane	6.088	63	659495	100.760	ug/L	99
38) Bromodichloromethane	6.426	83	879143	98.207	ug/L	100
39) cis-1,3-Dichloropropene	6.947	75	1135847	112.855	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	833640	226.496	ug/L	98
42) Toluene	7.310	91	2758801	102.952	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	1005173	111.039	ug/L	99

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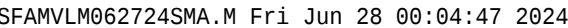
Instrument :
 MSVOA_V
 ClientSampleId :

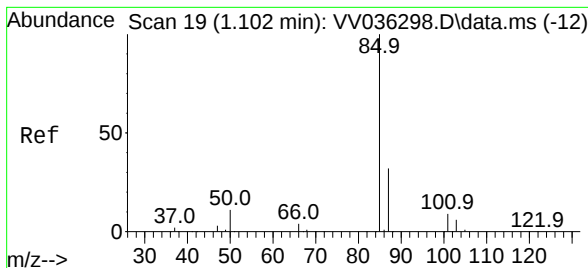
Quant Time: Jun 28 00:04:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 00:02:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.764	97	572452	98.950	ug/L	99
46) Tetrachloroethene	7.902	164	574528	97.751	ug/L	99
48) 2-Hexanone	8.076	43	652178	223.087	ug/L	96
49) Dibromochloromethane	8.172	129	659476	102.258	ug/L	99
50) 1,2-Dibromoethane	8.278	107	589015	103.349	ug/L	97
51) Chlorobenzene	8.809	112	1830597	99.935	ug/L	99
52) Ethylbenzene	8.944	91	3133835	108.368	ug/L	100
53) m,p-Xylene	9.069	106	1206338	111.928	ug/L	99
54) o-Xylene	9.474	106	1168535	115.293	ug/L	98
55) Styrene	9.490	104	2062576	116.116	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	536810	103.676	ug/L	100
59) Bromoform	9.661	173	468137	99.909	ug/L	99
60) Isopropylbenzene	9.863	105	3198056	106.880	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	536456	96.034	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	2440927	113.989	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	2666430	114.588	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	1560848	100.108	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	1580824	94.586	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	1497347	100.595	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.362	75	131383	104.835	ug/L	95
69) 1,3,5-Trichlorobenzene	12.577	180	1244701	106.020	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	1081830	115.552	ug/L	100
71) Naphthalene	13.432	128	2102908	125.977	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	983863	111.755	ug/L	99

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

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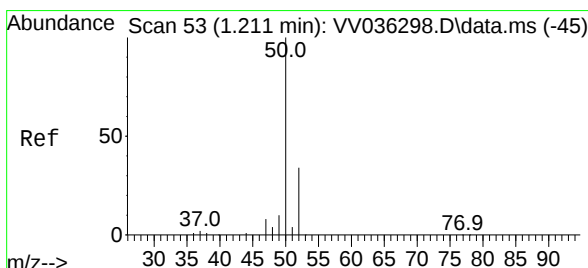
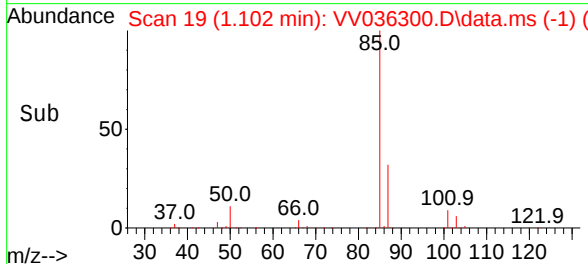
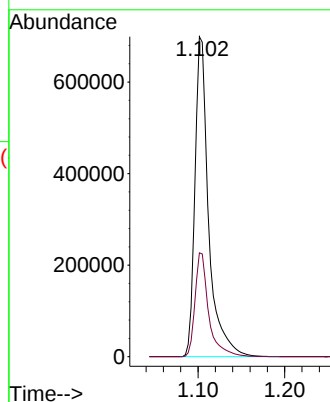
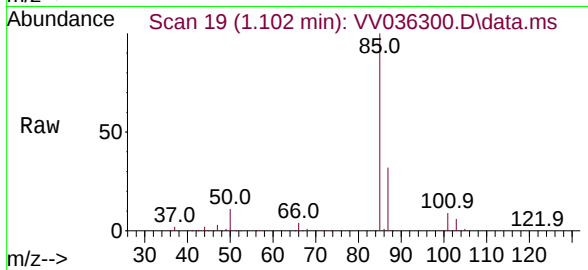




#2
 Dichlorodifluoromethane
 Concen: 95.442 ug/L
 RT: 1.102 min Scan# 19
 Delta R.T. -0.000 min
 Lab File: VV036300.D
 Acq: 27 Jun 2024 09:38

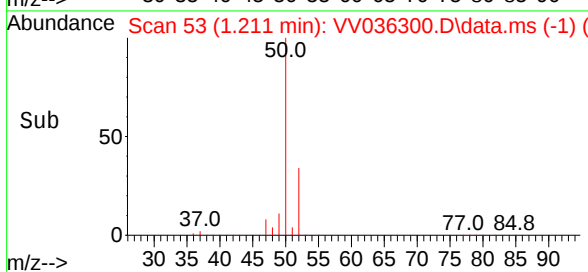
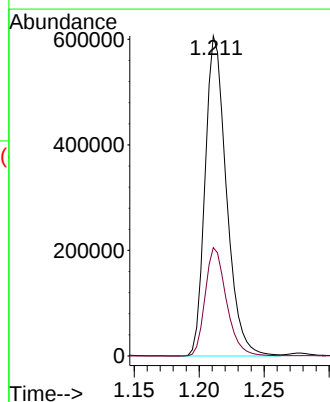
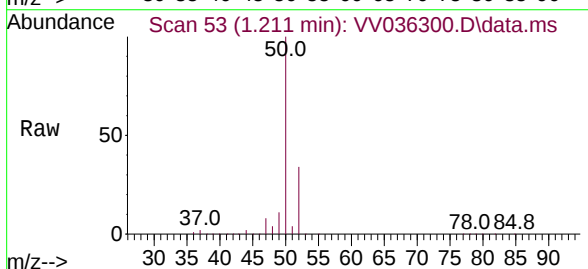
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 ClientSampleId :

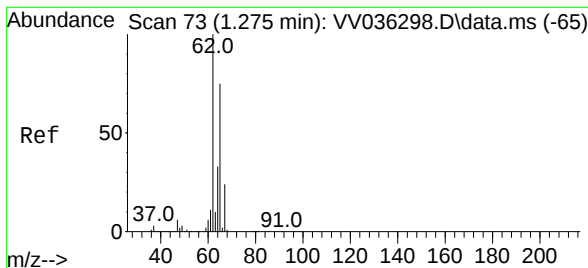
Tgt Ion: 85 Resp: 766168
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.9 38.9



#3
 Chloromethane
 Concen: 95.506 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. -0.000 min
 Lab File: VV036300.D
 Acq: 27 Jun 2024 09:38

Tgt Ion: 50 Resp: 693985
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.5 43.7





#5

Vinyl chloride

Concen: 95.494 ug/L

RT: 1.278 min Scan# 74

Delta R.T. 0.003 min

Lab File: VV036300.D

Acq: 27 Jun 2024 09:38

Instrument :

MSVOA_V

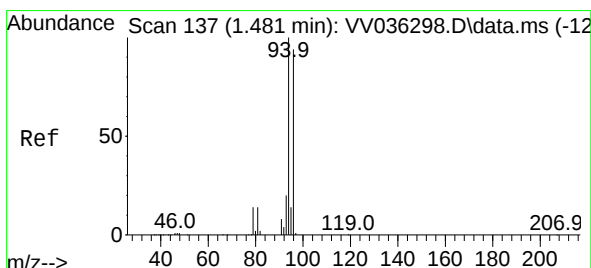
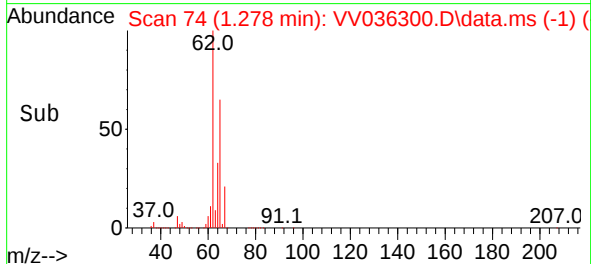
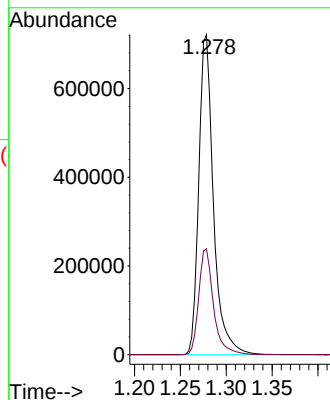
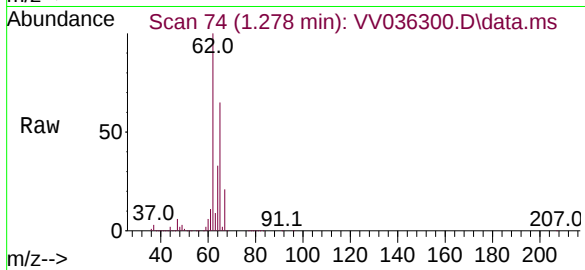
ClientSampleId :

Tgt Ion: 62 Resp: 801275

Ion Ratio Lower Upper

62 100

64 33.1 23.4 43.4



#6

Bromomethane

Concen: 94.860 ug/L

RT: 1.484 min Scan# 138

Delta R.T. 0.003 min

Lab File: VV036300.D

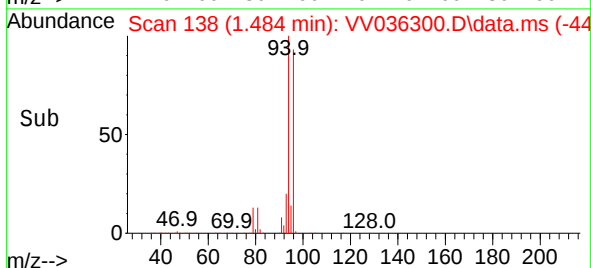
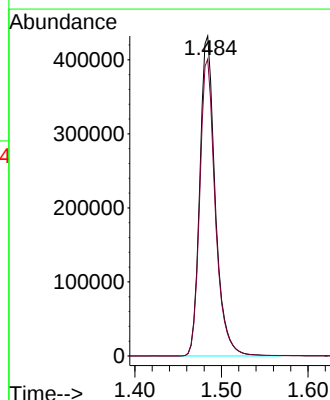
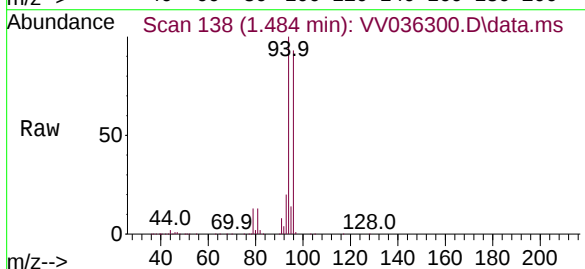
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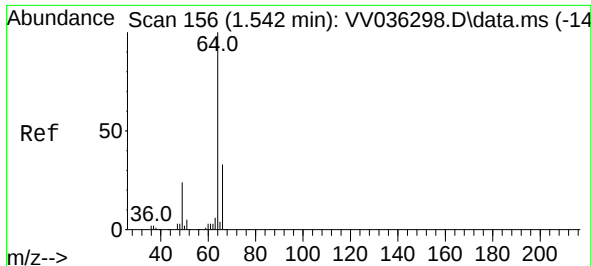
Tgt Ion: 94 Resp: 535333

Ion Ratio Lower Upper

94 100

96 92.8 66.1 122.7

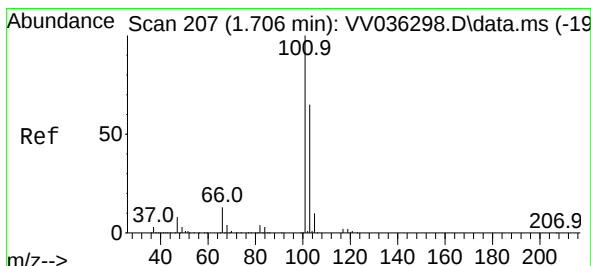
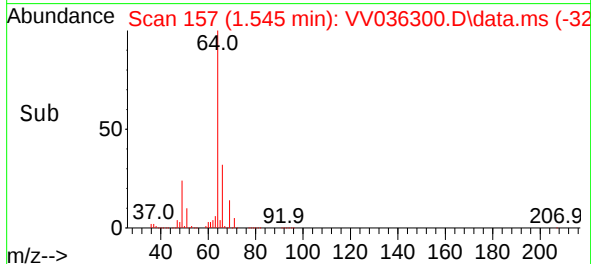
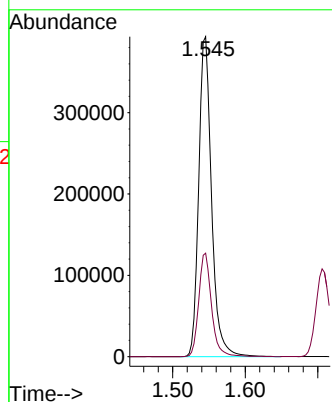
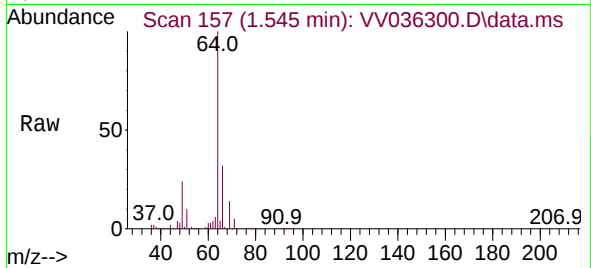




#8
Chloroethane
Concen: 93.432 ug/L
RT: 1.545 min Scan# 156
Delta R.T. 0.003 min
Lab File: VV036300.D
Acq: 27 Jun 2024 09:38

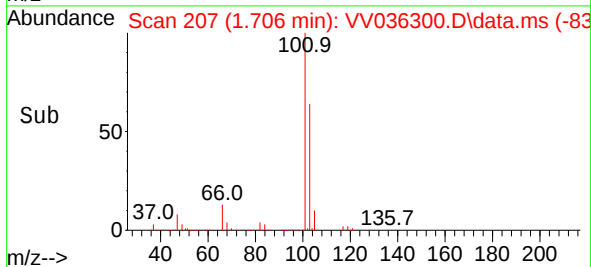
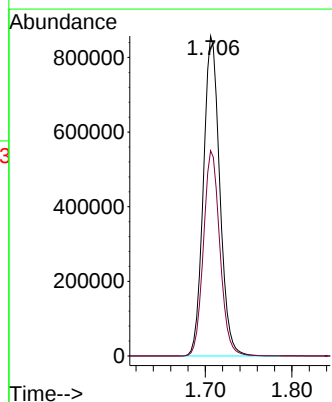
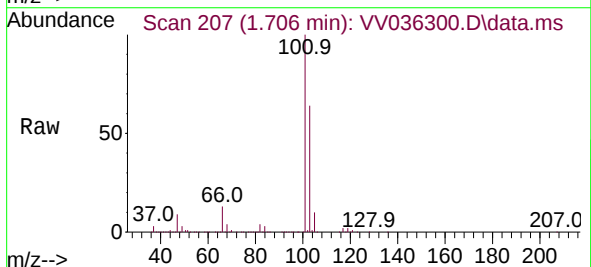
Instrument :
MSVOA_V
ClientSampleId :

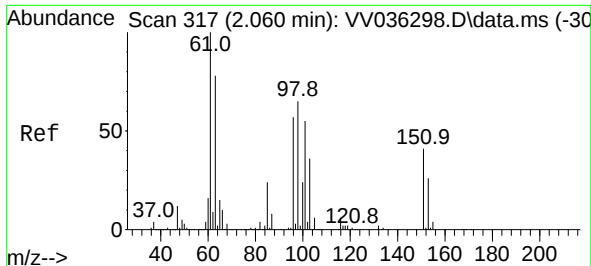
Tgt Ion: 64 Resp: 483180
Ion Ratio Lower Upper
64 100
66 32.4 23.0 42.6



#9
Trichlorofluoromethane
Concen: 93.951 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.000 min
Lab File: VV036300.D
Acq: 27 Jun 2024 09:38

Tgt Ion:101 Resp: 1125861
Ion Ratio Lower Upper
101 100
103 64.3 51.7 77.5

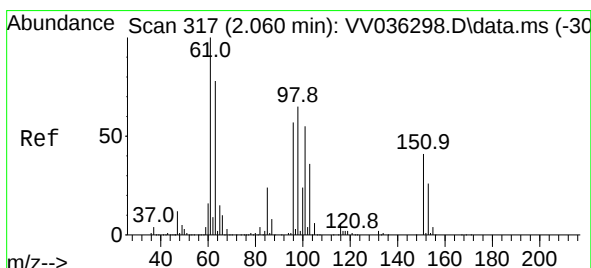
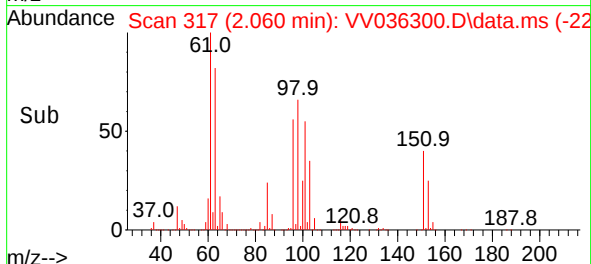
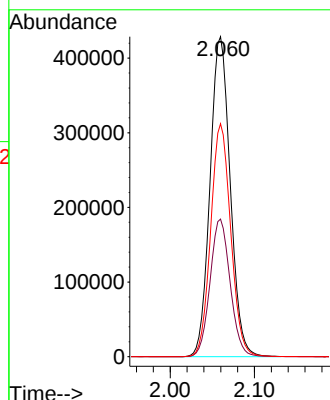
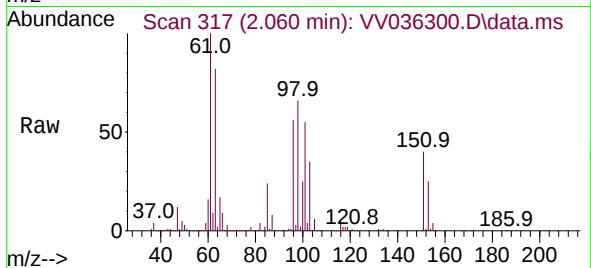




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 94.979 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.000 min
 Lab File: VV036300.D
 Acq: 27 Jun 2024 09:38

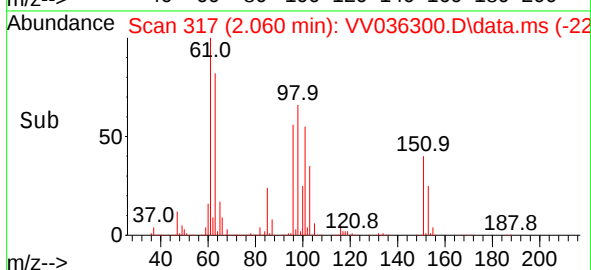
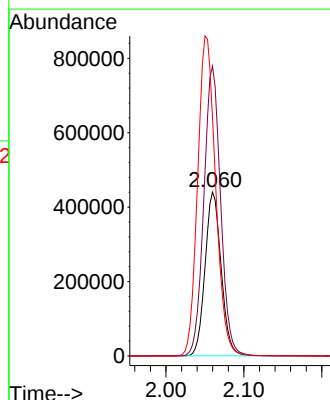
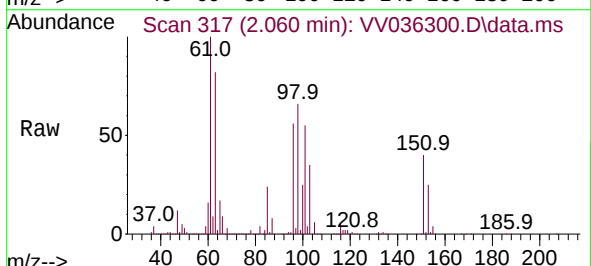
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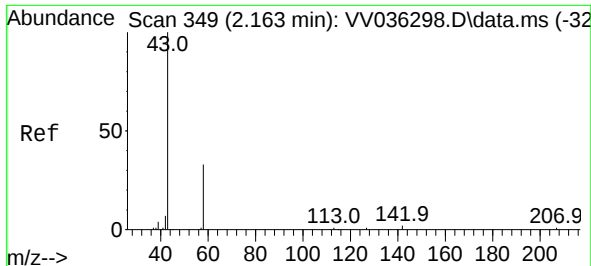
Tgt Ion:101 Resp: 713941
 Ion Ratio Lower Upper
 101 100
 85 42.8 34.6 51.8
 151 72.2 58.9 88.3



#12
 1,1-Dichloroethene
 Concen: 94.912 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.000 min
 Lab File: VV036300.D
 Acq: 27 Jun 2024 09:38

Tgt Ion: 96 Resp: 631650
 Ion Ratio Lower Upper
 96 100
 61 177.1 122.6 227.8
 63 145.4 96.1 178.5





#13

Acetone

Concen: 132.434 ug/L

RT: 2.381 min Scan# 417

Delta R.T. 0.219 min

Lab File: VV036300.D

Acq: 27 Jun 2024 09:38

Instrument :

MSVOA_V

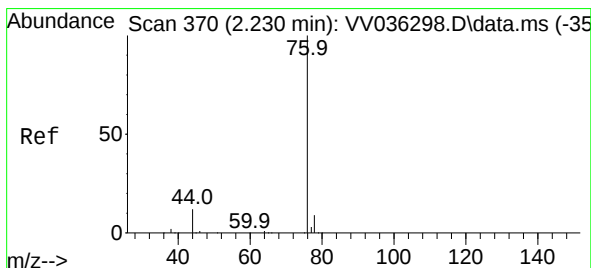
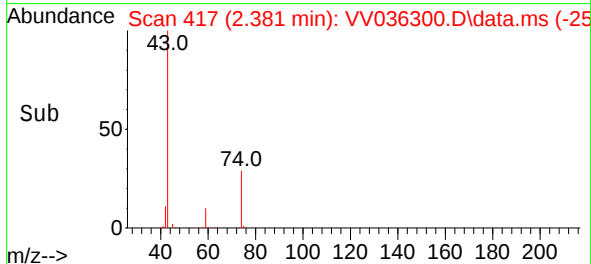
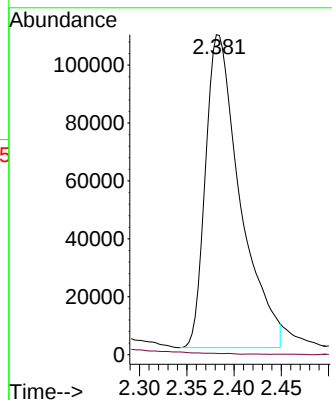
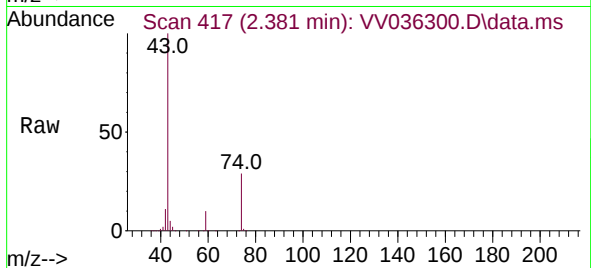
ClientSampleId :

Tgt Ion: 43 Resp: 275443

Ion Ratio Lower Upper

43 100

58 0.1 0.0 0.6



#14

Carbon disulfide

Concen: 94.806 ug/L

RT: 2.230 min Scan# 370

Delta R.T. -0.000 min

Lab File: VV036300.D

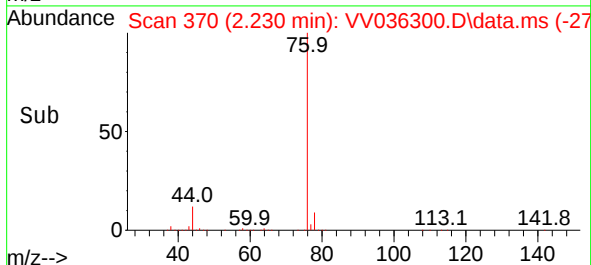
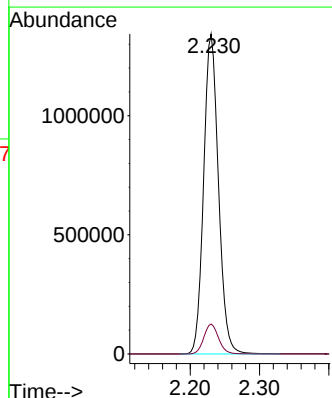
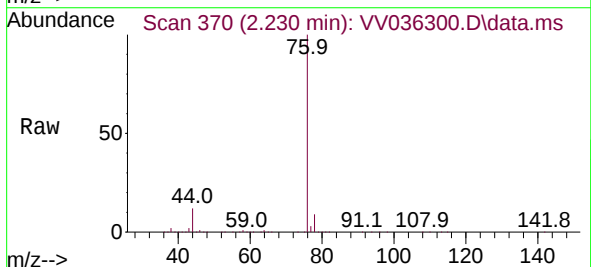
Acq: 27 Jun 2024 09:38

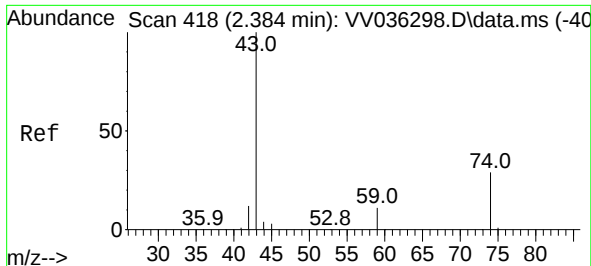
Tgt Ion: 76 Resp: 1990653

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2





#15

Methyl Acetate

Concen: 97.302 ug/L

RT: 2.381 min Scan# 41

Delta R.T. -0.003 min

Lab File: VV036300.D

Acq: 27 Jun 2024 09:38

Instrument :

MSVOA_V

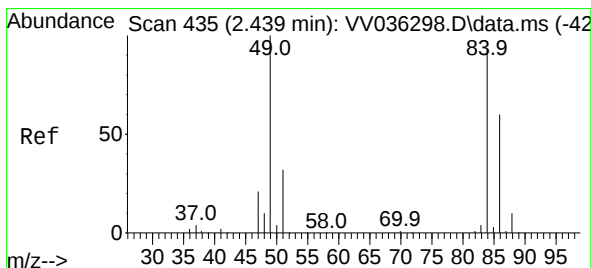
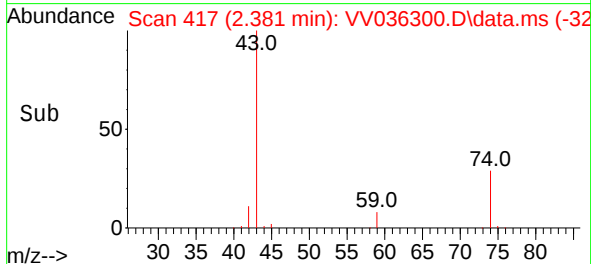
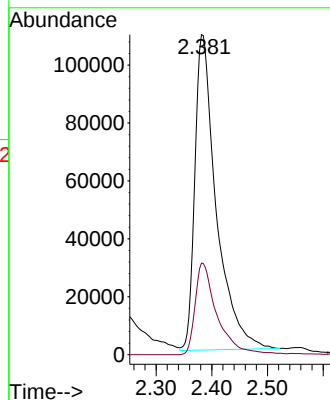
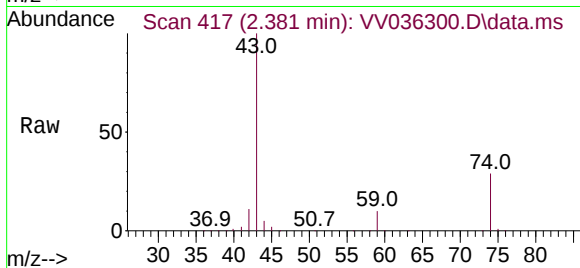
ClientSampleId :

Tgt Ion: 43 Resp: 291195

Ion Ratio Lower Upper

43 100

74 29.3 23.8 35.6



#16

Methylene chloride

Concen: 79.358 ug/L

RT: 2.439 min Scan# 435

Delta R.T. -0.000 min

Lab File: VV036300.D

Acq: 27 Jun 2024 09:38

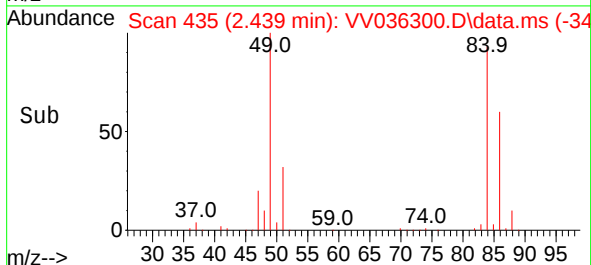
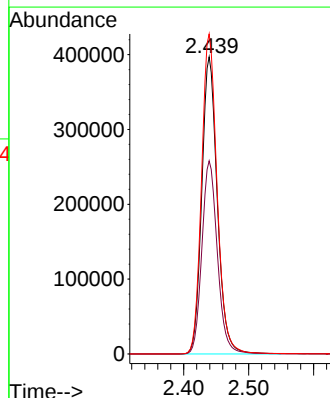
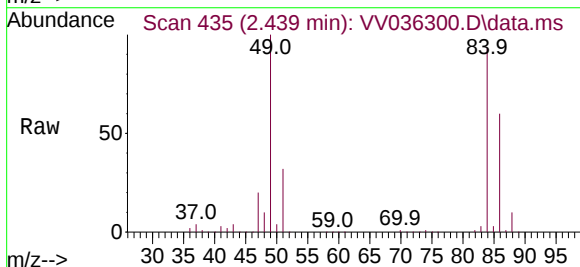
Tgt Ion: 84 Resp: 660094

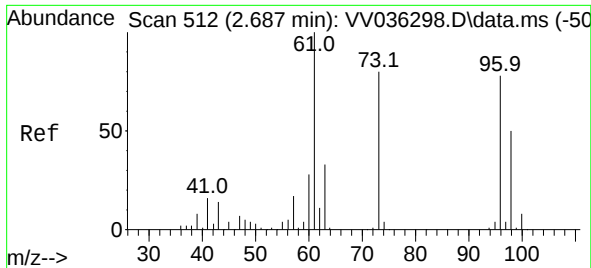
Ion Ratio Lower Upper

84 100

86 65.0 45.6 84.8

49 107.7 75.7 140.5

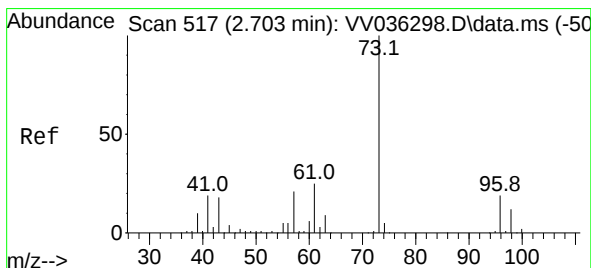
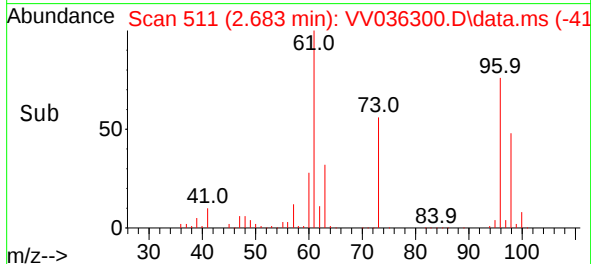
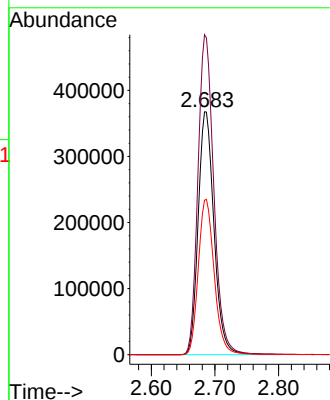
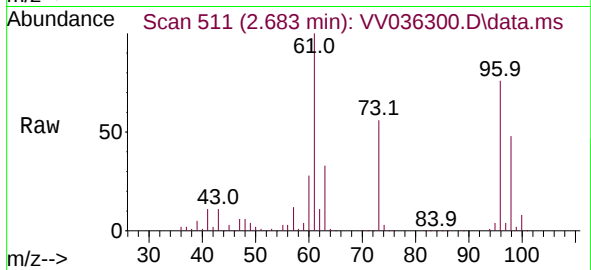




#17
trans-1,2-Dichloroethene
Concen: 96.149 ug/L
RT: 2.683 min Scan# 512
Delta R.T. -0.003 min
Lab File: VV036300.D
Acq: 27 Jun 2024 09:38

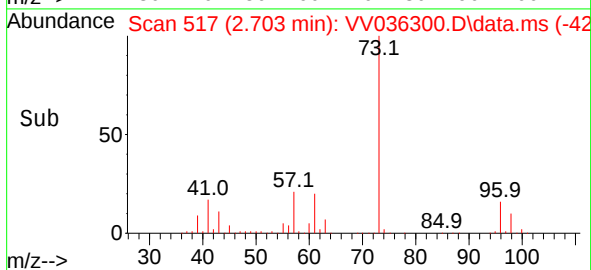
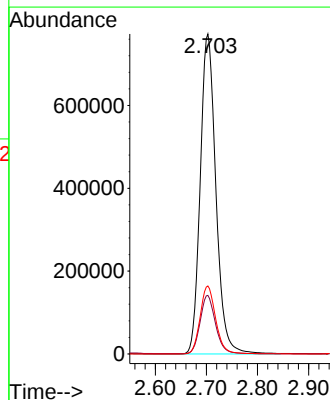
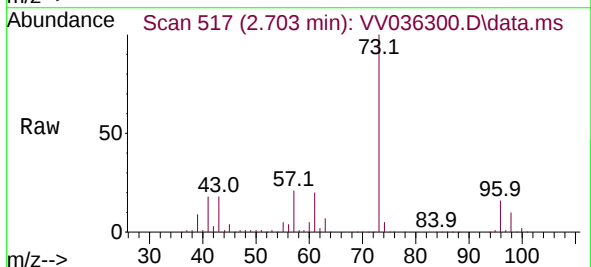
Instrument :
MSVOA_V
ClientSampleId :

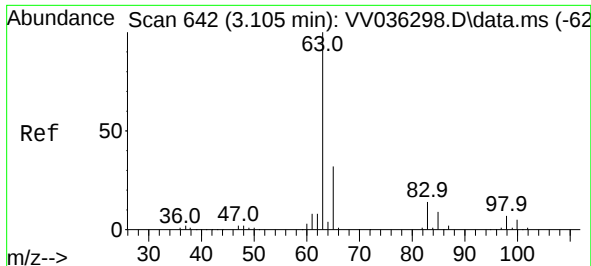
Tgt Ion: 96 Resp: 635317
Ion Ratio Lower Upper
96 100
61 131.8 89.8 166.8
98 63.6 45.3 84.1



#18
Methyl tert-butyl Ether
Concen: 107.060 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV036300.D
Acq: 27 Jun 2024 09:38

Tgt Ion: 73 Resp: 1646751
Ion Ratio Lower Upper
73 100
43 17.9 14.7 22.1
57 21.1 17.0 25.6

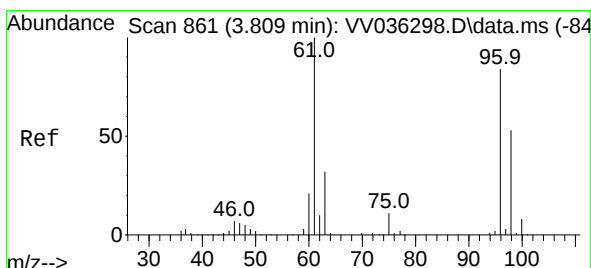
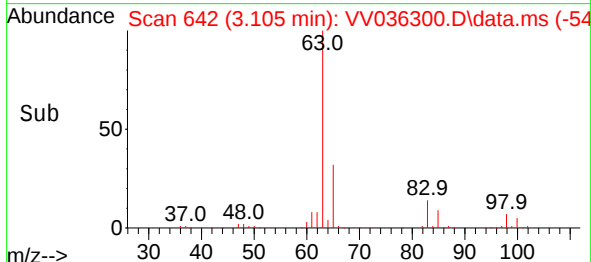
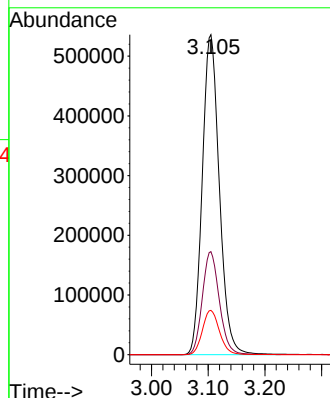
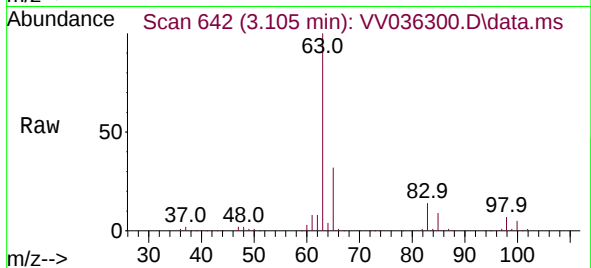




#19
1,1-Dichloroethane
Concen: 95.547 ug/L
RT: 3.105 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV036300.D
Acq: 27 Jun 2024 09:38

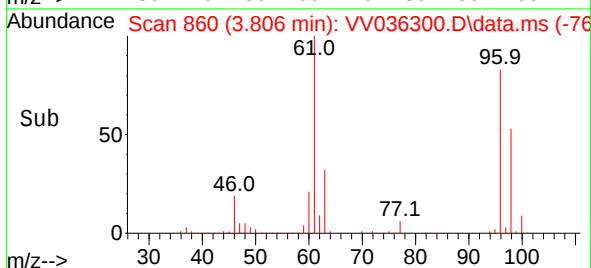
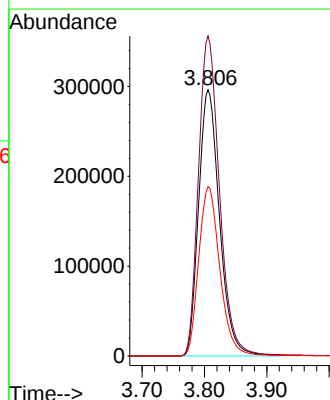
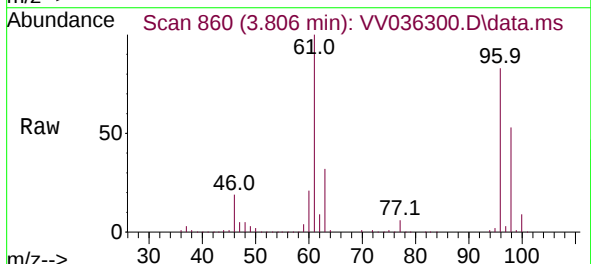
Instrument :
MSVOA_V
ClientSampleId :

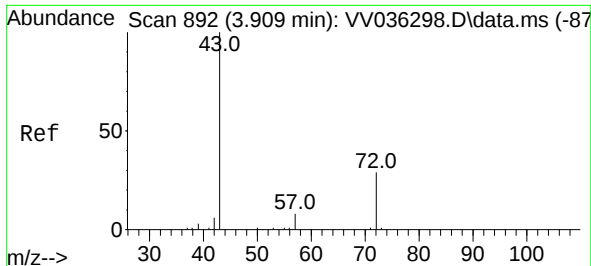
Tgt Ion: 63 Resp: 1122533
Ion Ratio Lower Upper
63 100
65 32.2 22.1 41.1
83 13.8 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 103.986 ug/L
RT: 3.806 min Scan# 860
Delta R.T. -0.003 min
Lab File: VV036300.D
Acq: 27 Jun 2024 09:38

Tgt Ion: 96 Resp: 691075
Ion Ratio Lower Upper
96 100
61 120.2 83.7 155.5
98 63.6 44.2 82.0

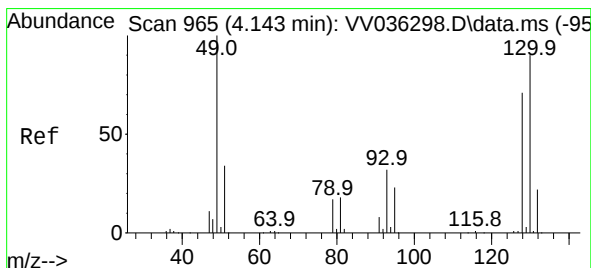
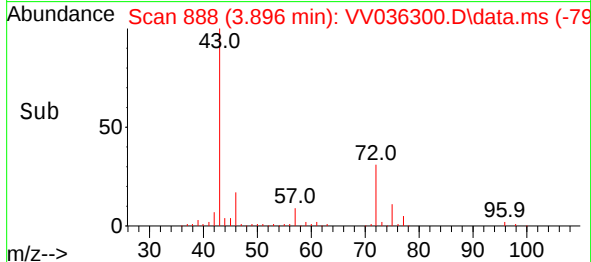
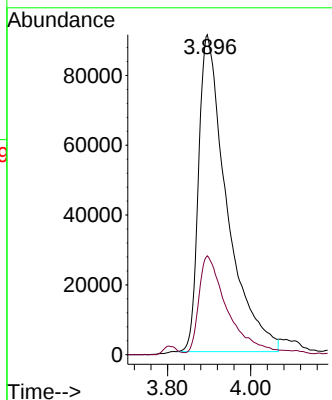
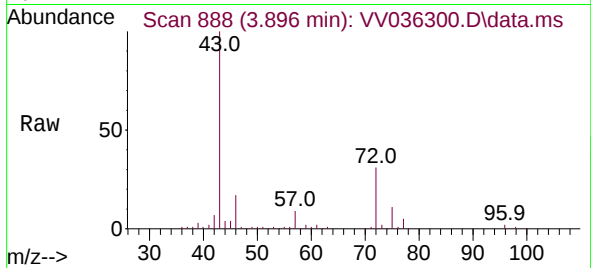




#22
2-Butanone
Concen: 256.359 ug/L
RT: 3.896 min Scan# 892
Delta R.T. -0.013 min
Lab File: VV036300.D
Acq: 27 Jun 2024 09:38

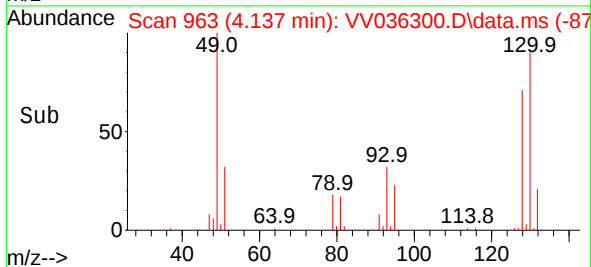
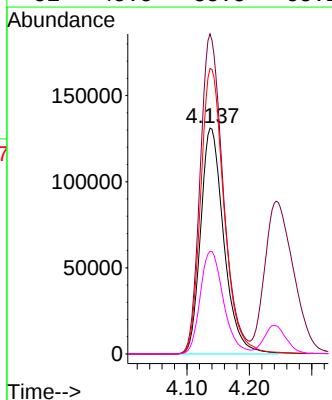
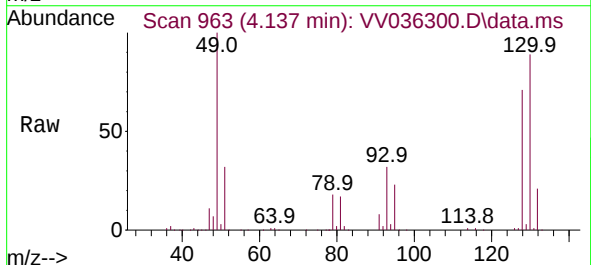
Instrument :
MSVOA_V
ClientSampleId :

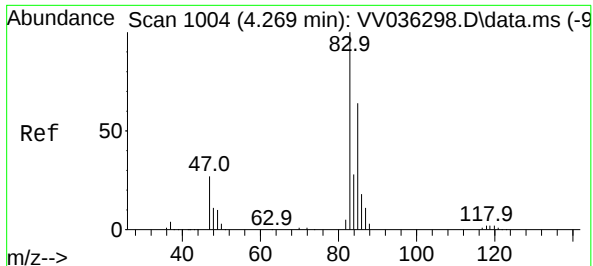
Tgt Ion: 43 Resp: 427007
Ion Ratio Lower Upper
43 100
72 27.7 12.9 38.7



#23
Bromochloromethane
Concen: 97.599 ug/L
RT: 4.137 min Scan# 963
Delta R.T. -0.006 min
Lab File: VV036300.D
Acq: 27 Jun 2024 09:38

Tgt Ion:128 Resp: 338216
Ion Ratio Lower Upper
128 100
49 141.6 99.2 184.2
130 126.3 88.9 165.1
51 45.5 38.8 58.2





#25

Chloroform

Concen: 95.818 ug/L

RT: 4.269 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV036300.D

Acq: 27 Jun 2024 09:38

Instrument :

MSVOA_V

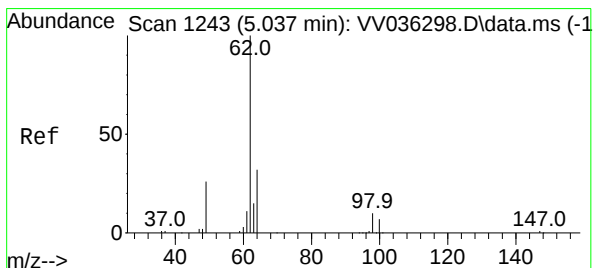
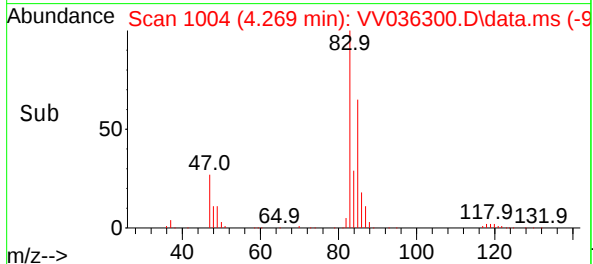
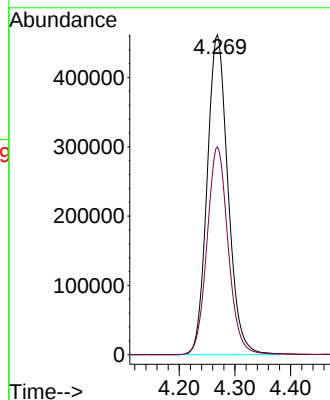
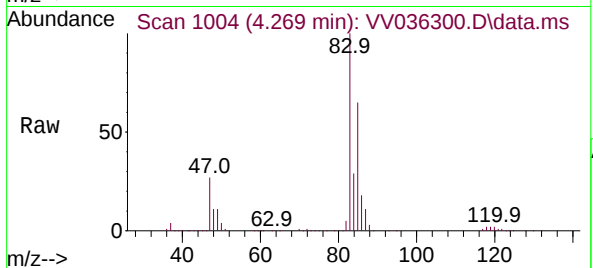
ClientSampleId :

Tgt Ion: 83 Resp: 1200683

Ion Ratio Lower Upper

83 100

85 65.0 45.0 83.6



#27

1,2-Dichloroethane

Concen: 100.515 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VV036300.D

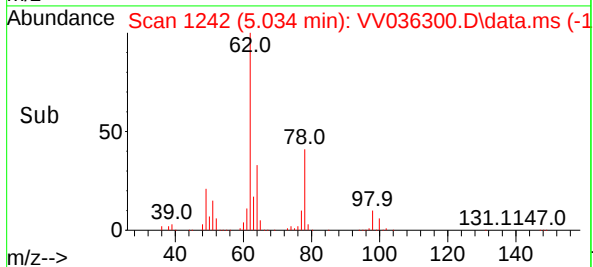
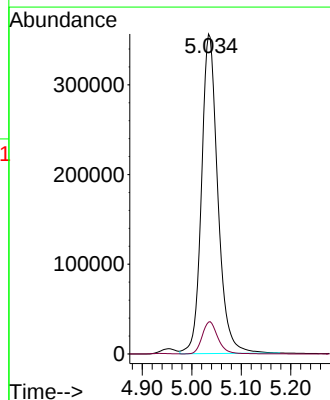
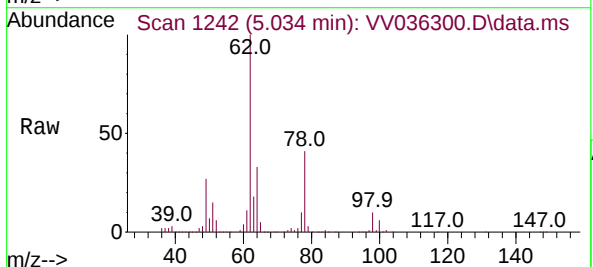
Acq: 27 Jun 2024 09:38

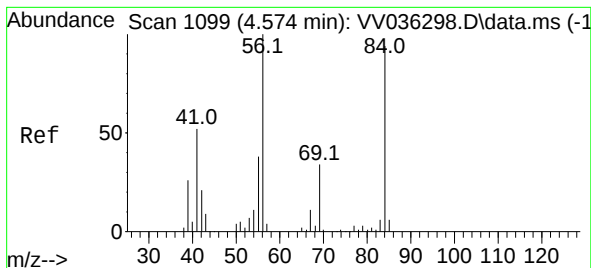
Tgt Ion: 62 Resp: 815573

Ion Ratio Lower Upper

62 100

98 10.0 7.8 11.8





#29

Cyclohexane

Concen: 108.002 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. -0.000 min

Lab File: VV036300.D

Acq: 27 Jun 2024 09:38

Instrument :

MSVOA_V

ClientSampleId :

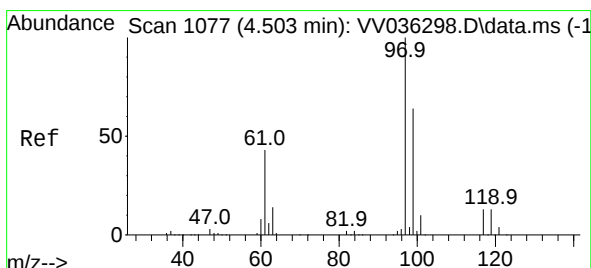
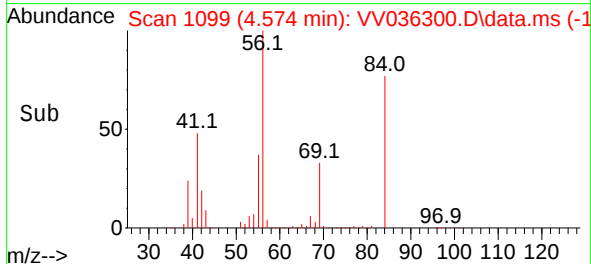
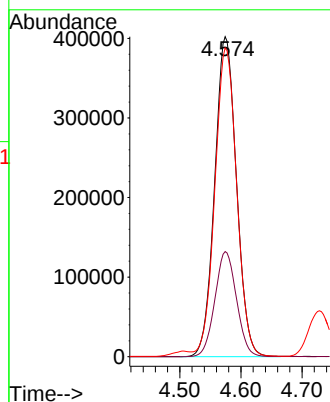
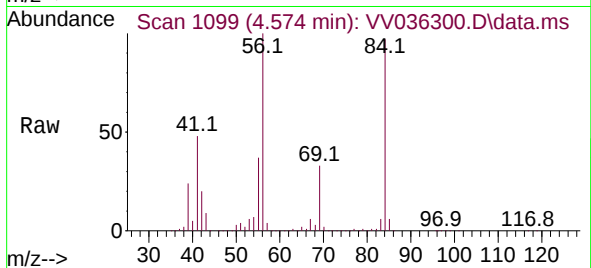
Tgt Ion: 56 Resp: 995587

Ion Ratio Lower Upper

56 100

69 32.6 26.0 39.0

84 96.5 77.4 116.0



#30

1,1,1-Trichloroethane

Concen: 94.794 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VV036300.D

Acq: 27 Jun 2024 09:38

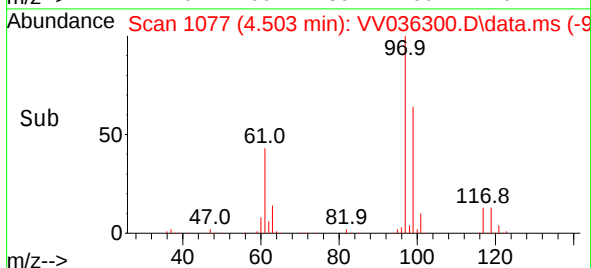
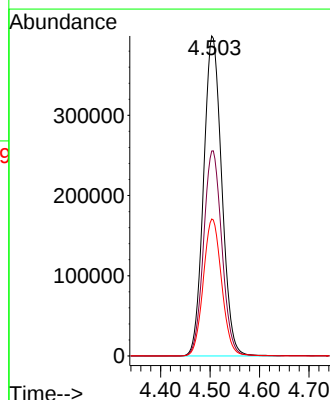
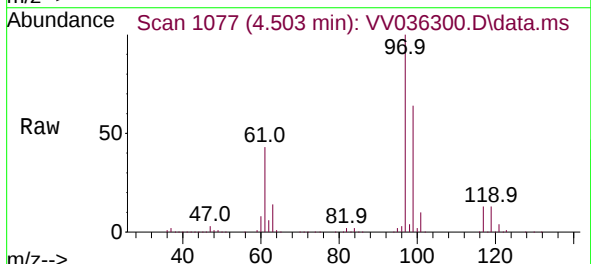
Tgt Ion: 97 Resp: 1017014

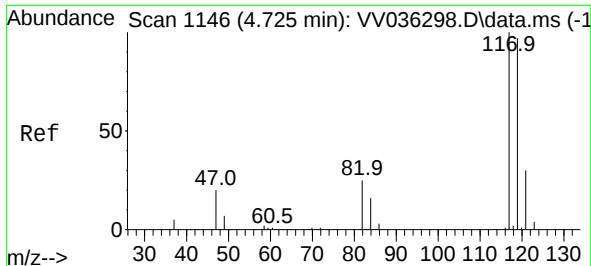
Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.0

61 43.2 34.8 52.2

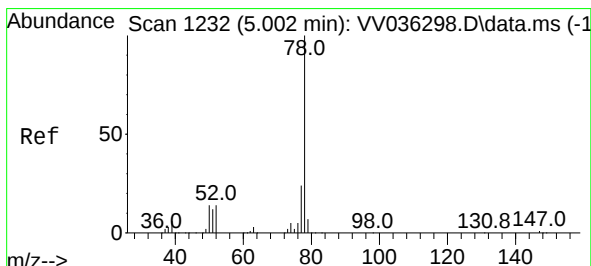
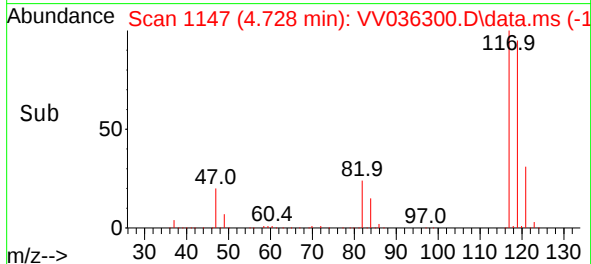
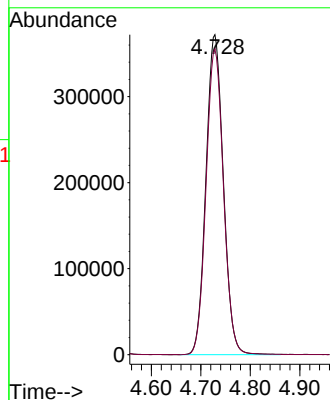
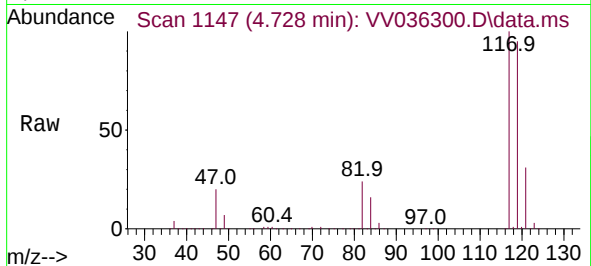




#31
Carbon tetrachloride
Concen: 94.951 ug/L
RT: 4.728 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV036300.D
Acq: 27 Jun 2024 09:38

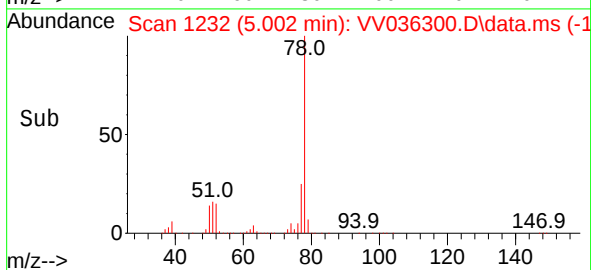
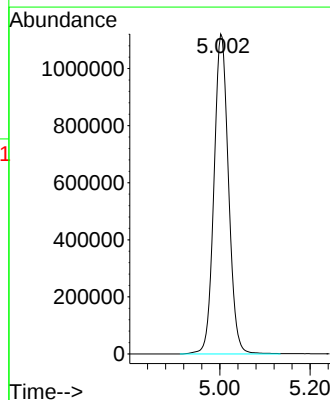
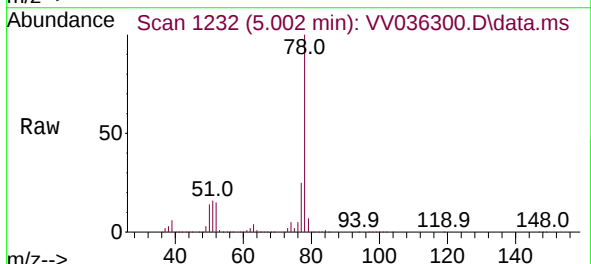
Instrument :
MSVOA_V
ClientSampleId :

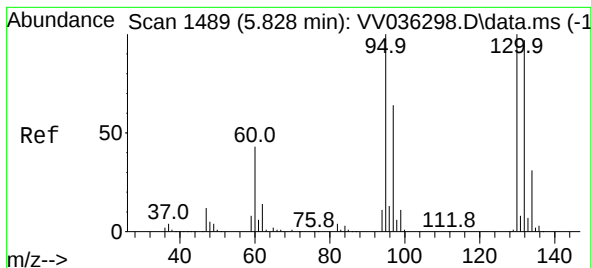
Tgt Ion:117 Resp: 907665
Ion Ratio Lower Upper
117 100
119 95.7 77.2 115.8



#33
Benzene
Concen: 97.552 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VV036300.D
Acq: 27 Jun 2024 09:38

Tgt Ion: 78 Resp: 2500082





#34

Trichloroethene

Concen: 98.467 ug/L

RT: 5.825 min Scan# 1489

Delta R.T. -0.003 min

Lab File: VV036300.D

Acq: 27 Jun 2024 09:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 796330

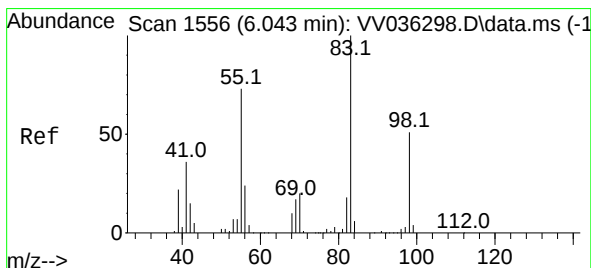
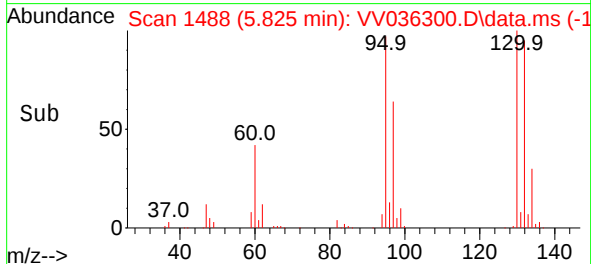
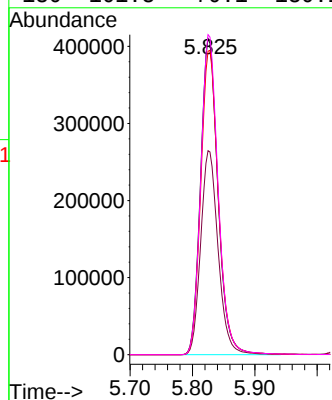
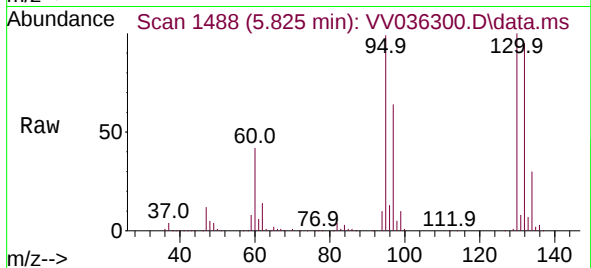
Ion Ratio Lower Upper

95 100

97 64.6 45.1 83.7

132 96.1 67.7 125.7

130 101.3 70.1 130.1



#35

Methylcyclohexane

Concen: 107.427 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.003 min

Lab File: VV036300.D

Acq: 27 Jun 2024 09:38

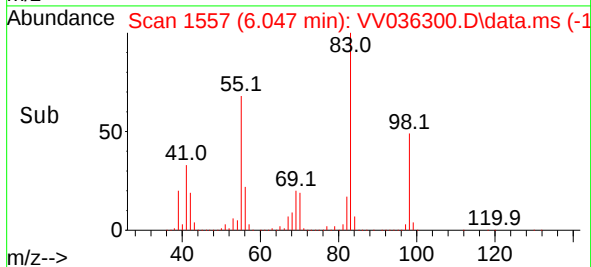
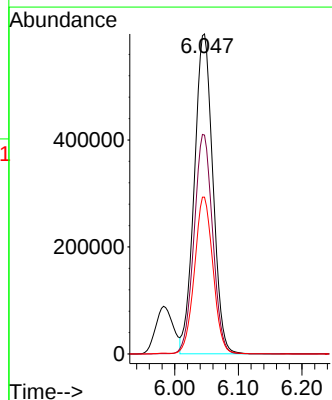
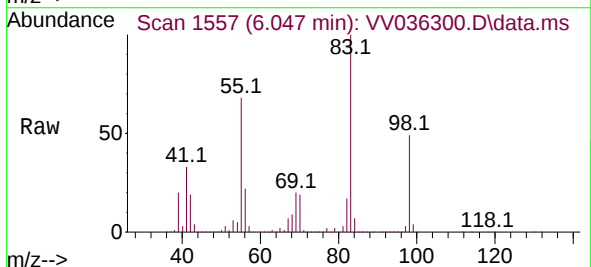
Tgt Ion: 83 Resp: 1210765

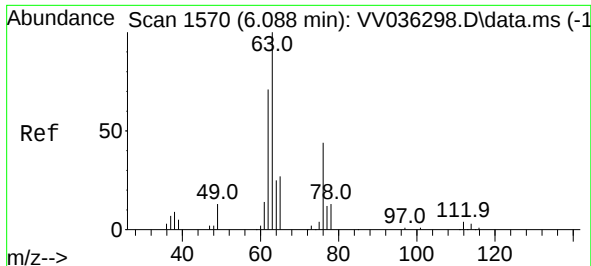
Ion Ratio Lower Upper

83 100

55 68.7 56.0 84.0

98 48.9 39.0 58.6

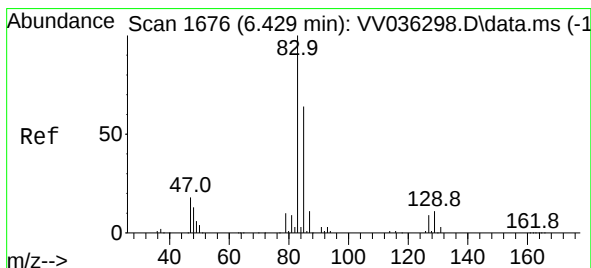
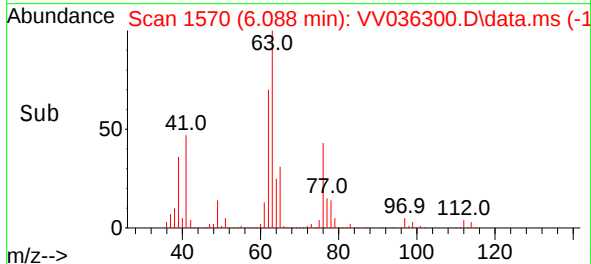
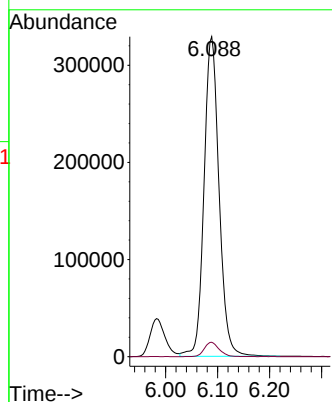
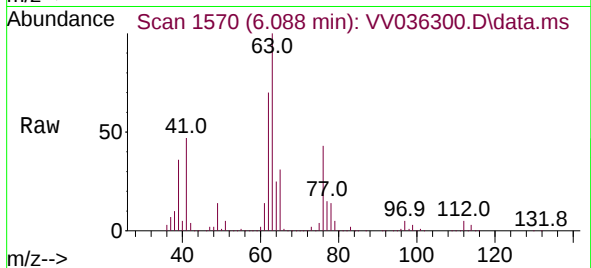




#37
1,2-Dichloropropane
Concen: 100.760 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VV036300.D
Acq: 27 Jun 2024 09:38

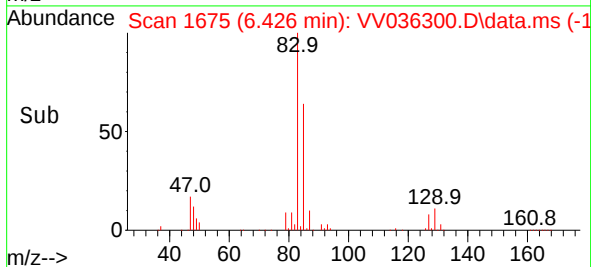
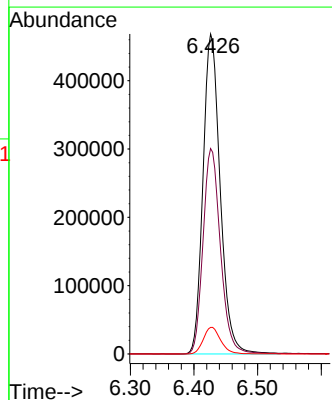
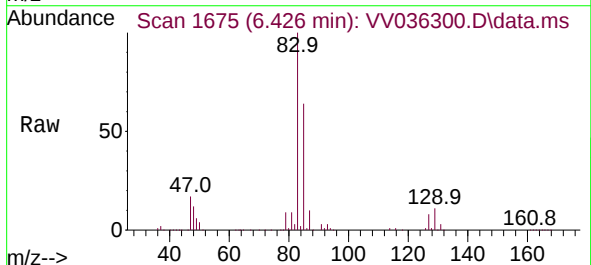
Instrument :
MSVOA_V
ClientSampleId :

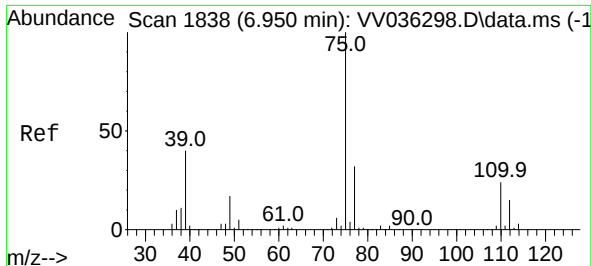
Tgt Ion: 63 Resp: 659495
Ion Ratio Lower Upper
63 100
112 4.5 3.4 5.2



#38
Bromodichloromethane
Concen: 98.207 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.003 min
Lab File: VV036300.D
Acq: 27 Jun 2024 09:38

Tgt Ion: 83 Resp: 879143
Ion Ratio Lower Upper
83 100
85 64.2 44.9 83.5
127 8.3 7.0 10.6

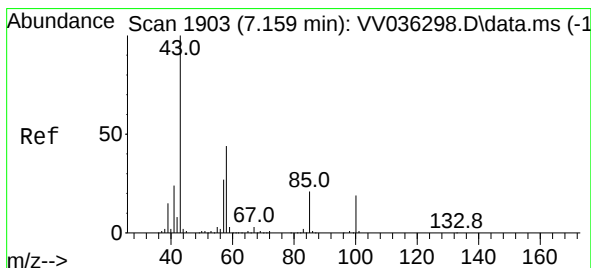
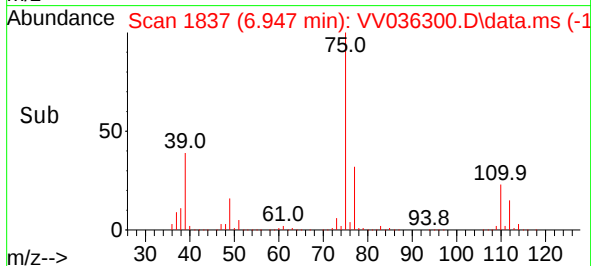
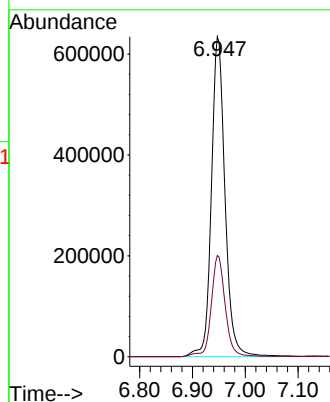
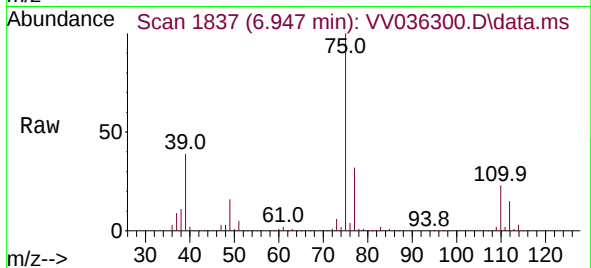




#39
 cis-1,3-Dichloropropene
 Concen: 112.855 ug/L
 RT: 6.947 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VV036300.D
 Acq: 27 Jun 2024 09:38

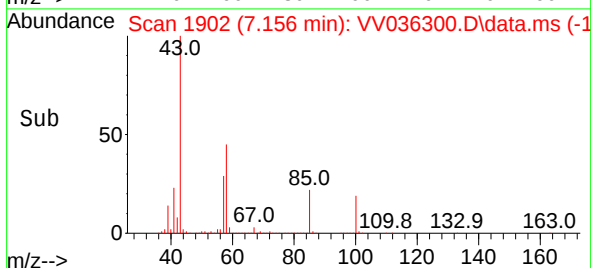
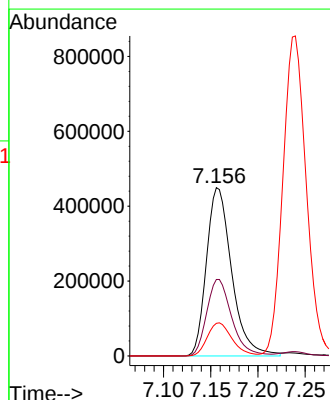
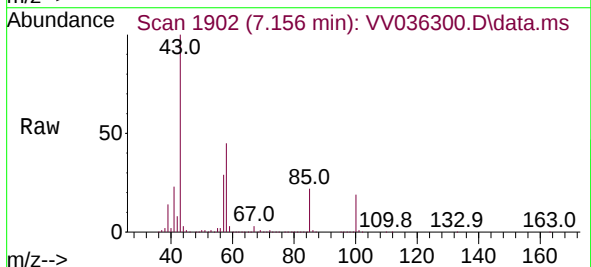
Instrument :
 MSVOA_V
 ClientSampleId :

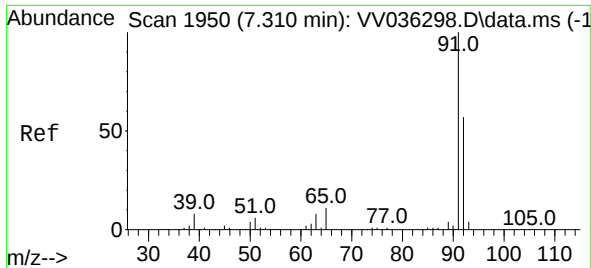
Tgt Ion: 75 Resp: 1135847
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 226.496 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. -0.003 min
 Lab File: VV036300.D
 Acq: 27 Jun 2024 09:38

Tgt Ion: 43 Resp: 833640
 Ion Ratio Lower Upper
 43 100
 58 45.0 34.8 52.2
 100 19.4 14.6 21.8





#42

Toluene

Concen: 102.952 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VV036300.D

Acq: 27 Jun 2024 09:38

Instrument :

MSVOA_V

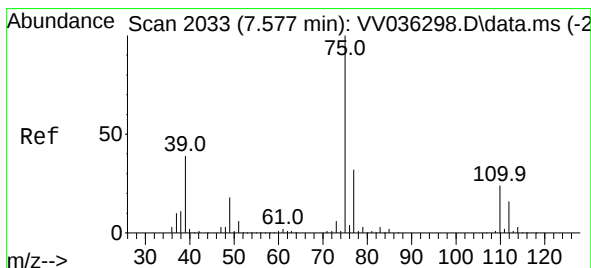
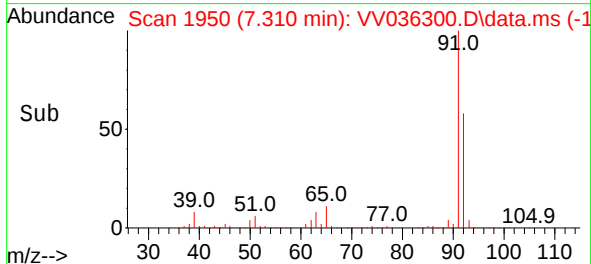
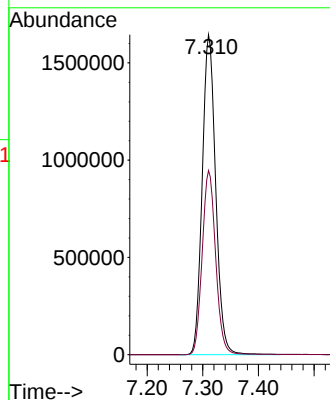
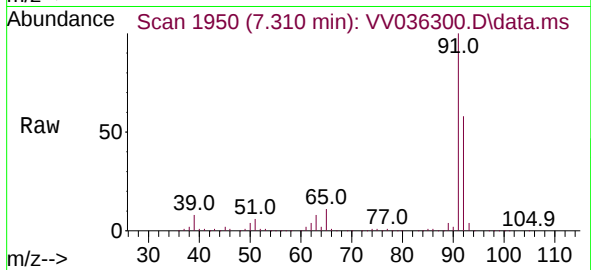
ClientSampleId :

Tgt Ion: 91 Resp: 2758801

Ion Ratio Lower Upper

91 100

92 57.6 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 111.039 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV036300.D

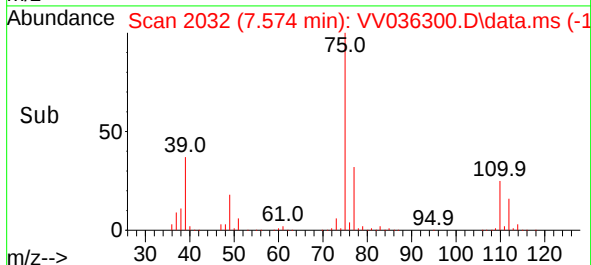
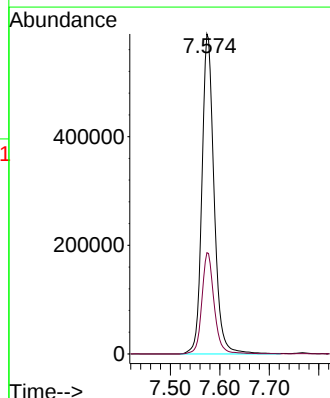
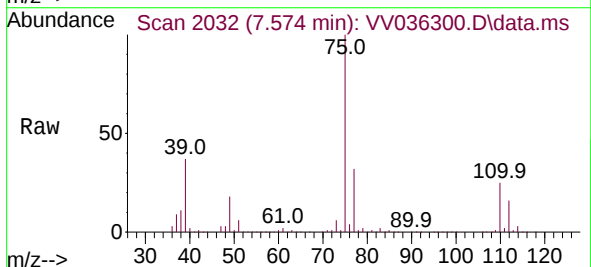
Acq: 27 Jun 2024 09:38

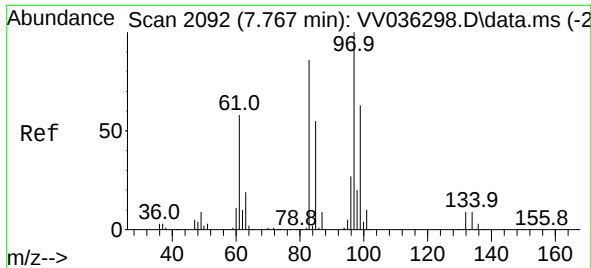
Tgt Ion: 75 Resp: 1005173

Ion Ratio Lower Upper

75 100

77 31.6 22.5 41.9

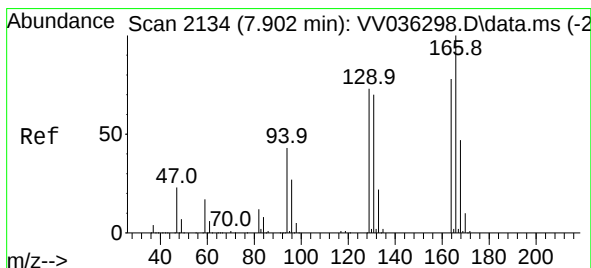
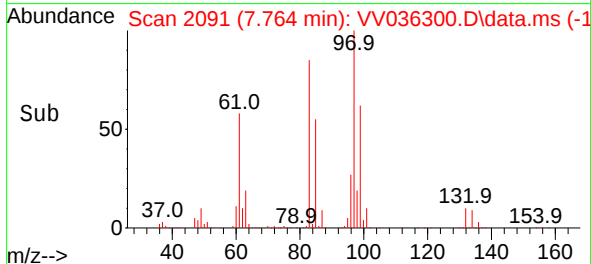
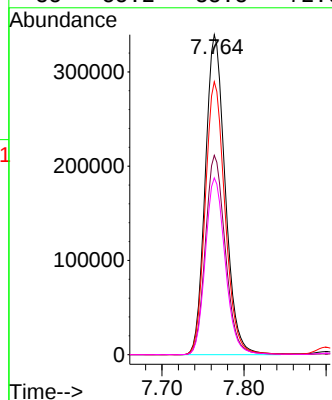
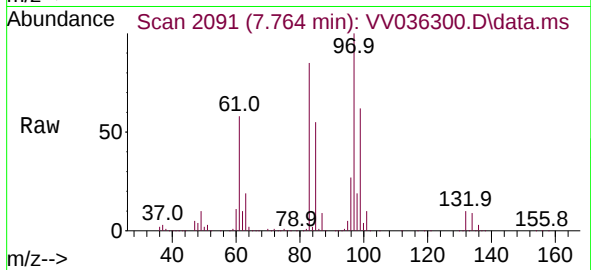




#45
1,1,2-Trichloroethane
Concen: 98.950 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. -0.003 min
Lab File: VV036300.D
Acq: 27 Jun 2024 09:38

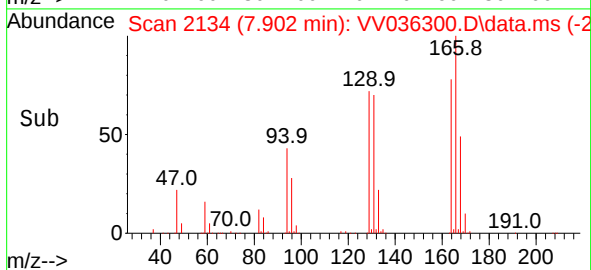
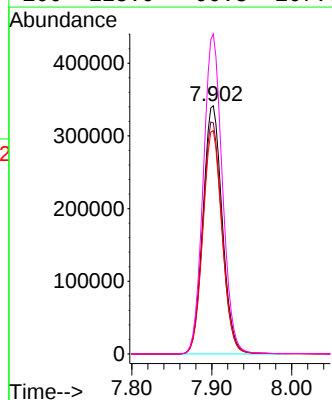
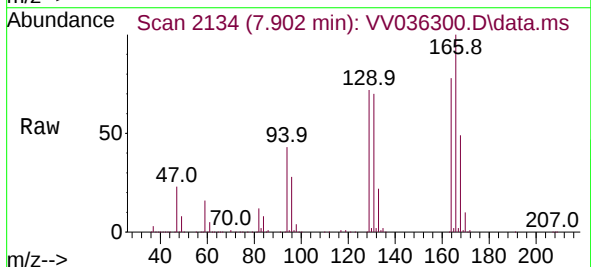
Instrument :
MSVOA_V
ClientSampleId :

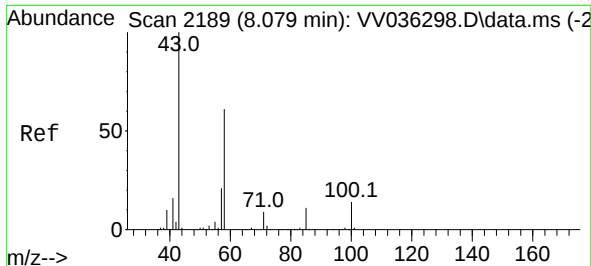
Tgt Ion:	97	Resp:	572452
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.8	81.3
83	85.3	60.6	112.6
85	55.2	38.8	72.0



#46
Tetrachloroethene
Concen: 97.751 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.000 min
Lab File: VV036300.D
Acq: 27 Jun 2024 09:38

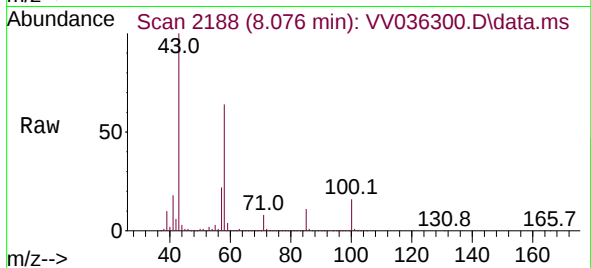
Tgt Ion:	164	Resp:	574528
Ion	Ratio	Lower	Upper
164	100		
129	93.1	65.9	122.5
131	90.0	63.3	117.7
166	128.9	90.3	167.7



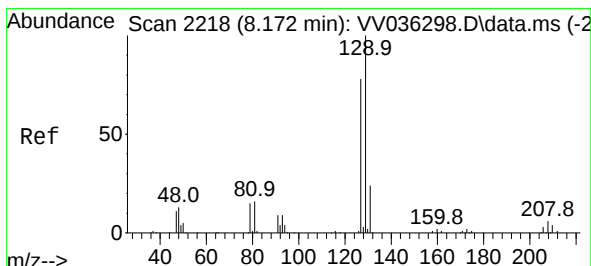
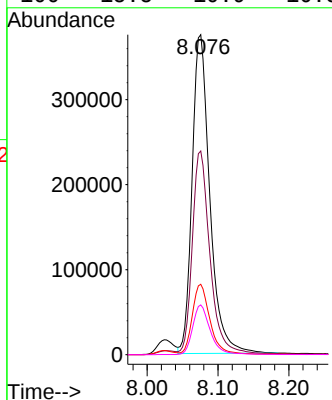
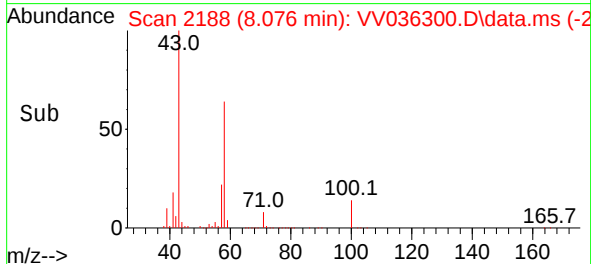


#48
2-Hexanone
Concen: 223.087 ug/L
RT: 8.076 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VV036300.D
Acq: 27 Jun 2024 09:38

Instrument :
MSVOA_V
ClientSampleId :

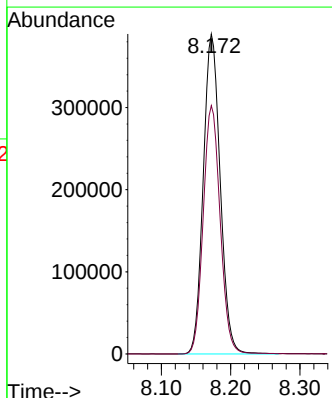
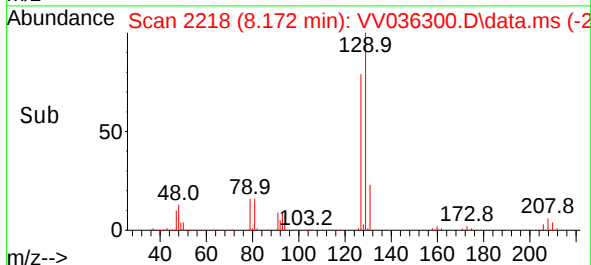
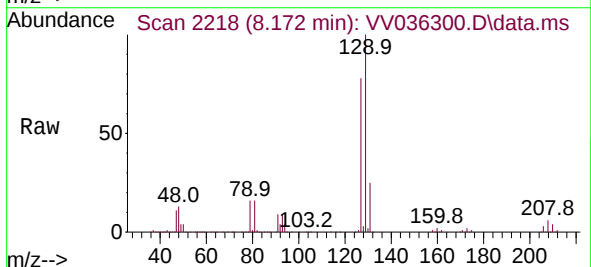


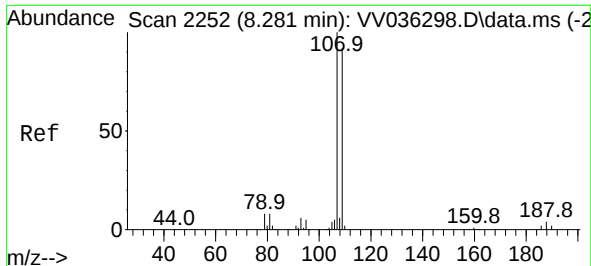
Tgt Ion: 43 Resp: 652178
Ion Ratio Lower Upper
43 100
58 63.7 48.5 72.7
57 21.9 15.8 23.6
100 15.5 10.9 16.3



#49
Dibromochloromethane
Concen: 102.258 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.000 min
Lab File: VV036300.D
Acq: 27 Jun 2024 09:38

Tgt Ion:129 Resp: 659476
Ion Ratio Lower Upper
129 100
127 77.6 54.9 101.9

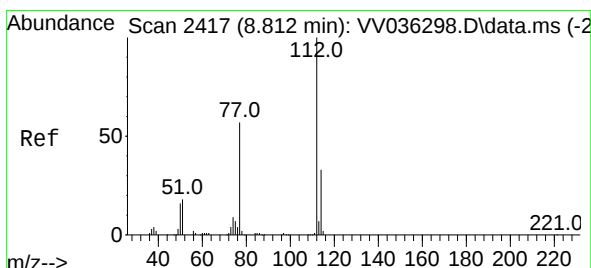
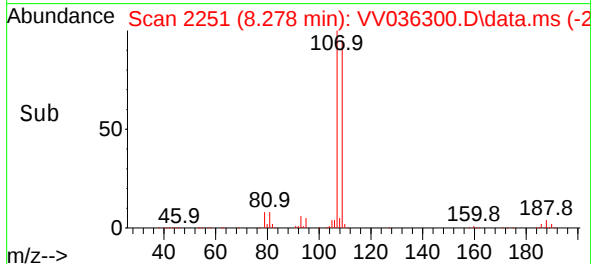
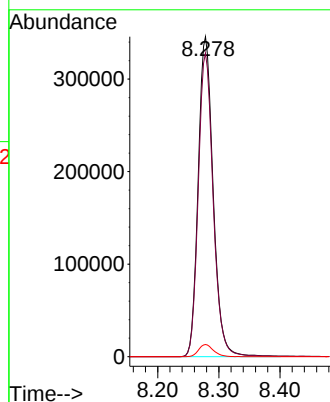
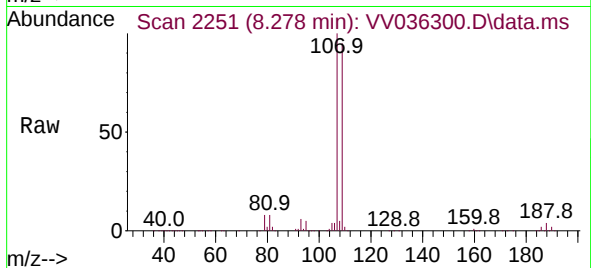




#50
1,2-Dibromoethane
Concen: 103.349 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV036300.D
Acq: 27 Jun 2024 09:38

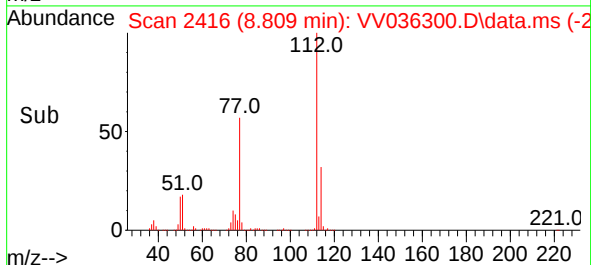
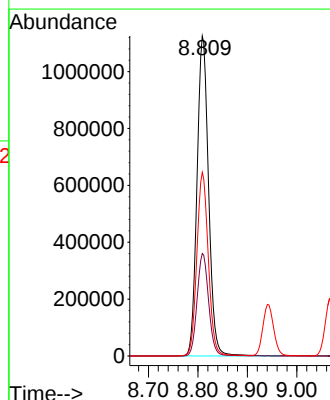
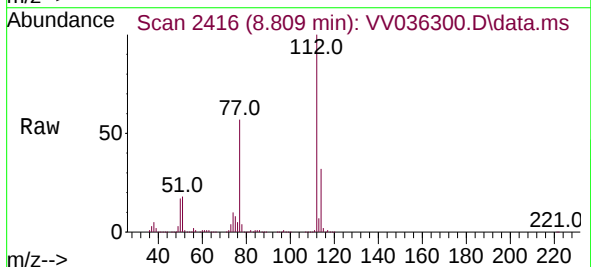
Instrument :
MSVOA_V
ClientSampleId :

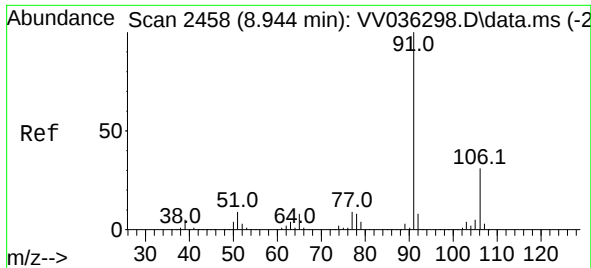
Tgt Ion:107 Resp: 589015
Ion Ratio Lower Upper
107 100
109 94.9 64.7 120.1
188 3.8 3.0 4.6



#51
Chlorobenzene
Concen: 99.935 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. -0.003 min
Lab File: VV036300.D
Acq: 27 Jun 2024 09:38

Tgt Ion:112 Resp: 1830597
Ion Ratio Lower Upper
112 100
114 32.0 22.8 42.4
77 57.4 46.2 69.2

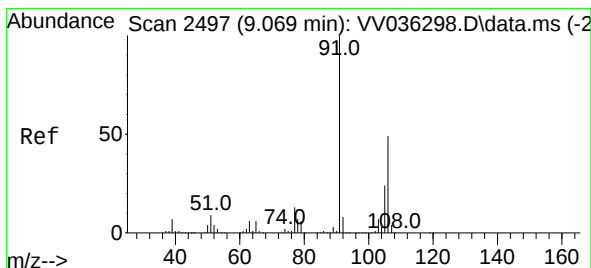
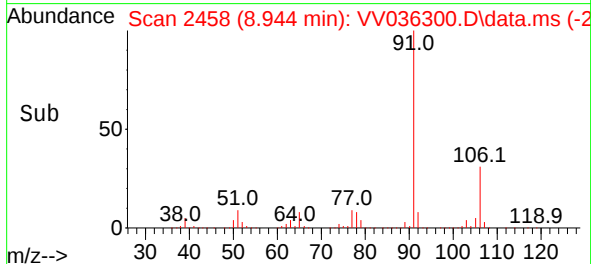
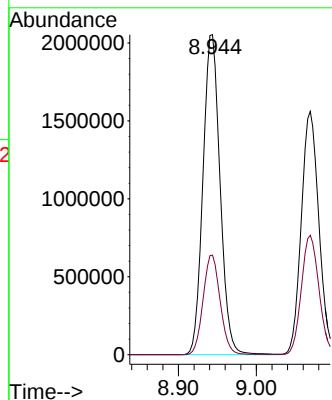
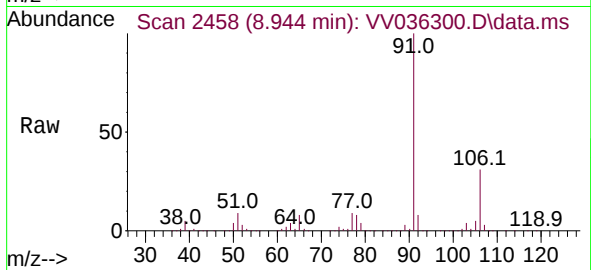




#52
Ethylbenzene
Concen: 108.368 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV036300.D
Acq: 27 Jun 2024 09:38

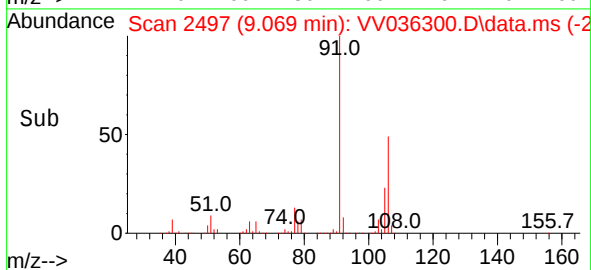
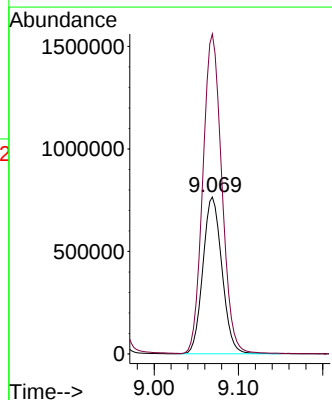
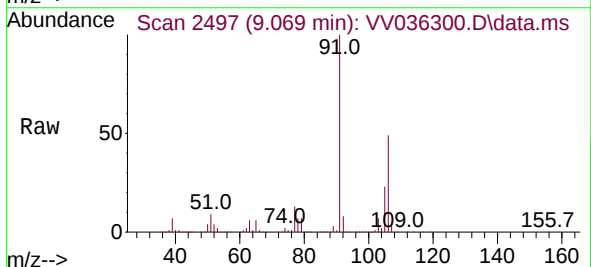
Instrument :
MSVOA_V
ClientSampleId :

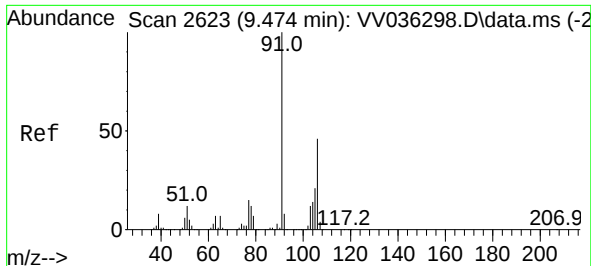
Tgt Ion: 91 Resp: 3133835
Ion Ratio Lower Upper
91 100
106 31.1 21.8 40.4



#53
m,p-Xylene
Concen: 111.928 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.000 min
Lab File: VV036300.D
Acq: 27 Jun 2024 09:38

Tgt Ion: 106 Resp: 1206338
Ion Ratio Lower Upper
106 100
91 203.9 142.2 264.0

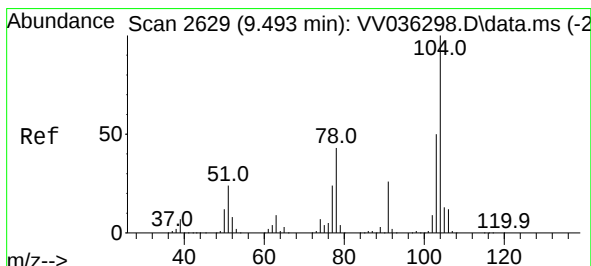
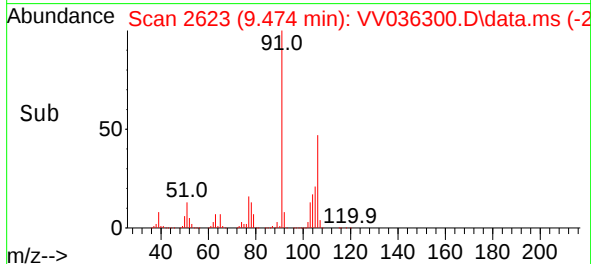
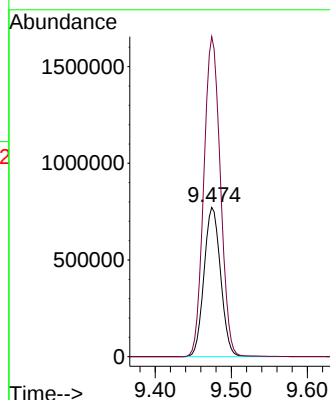
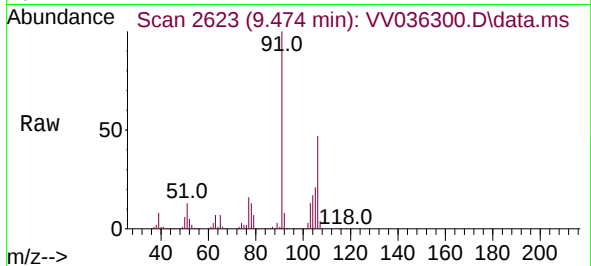




#54
o-Xylene
Concen: 115.293 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. -0.000 min
Lab File: VV036300.D
Acq: 27 Jun 2024 09:38

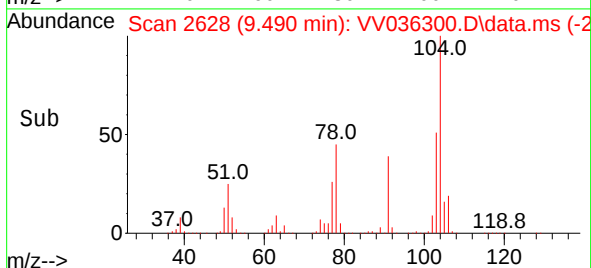
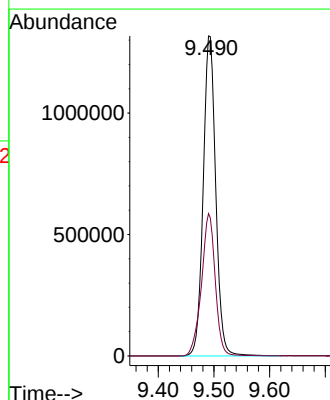
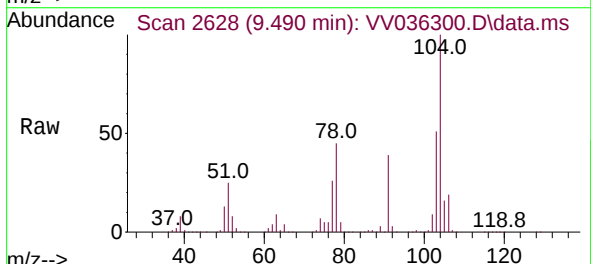
Instrument :
MSVOA_V
ClientSampleId :

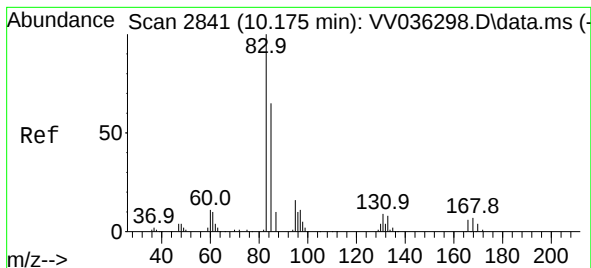
Tgt Ion:106 Resp: 1168535
Ion Ratio Lower Upper
106 100
91 214.3 152.7 283.7



#55
Styrene
Concen: 116.116 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.003 min
Lab File: VV036300.D
Acq: 27 Jun 2024 09:38

Tgt Ion:104 Resp: 2062576
Ion Ratio Lower Upper
104 100
78 44.5 30.2 56.2





#57

1,1,2,2-Tetrachloroethane

Concen: 103.676 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. -0.000 min

Lab File: VV036300.D

Acq: 27 Jun 2024 09:38

Instrument :

MSVOA_V

ClientSampleId :

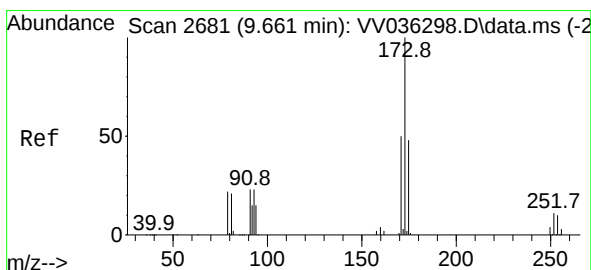
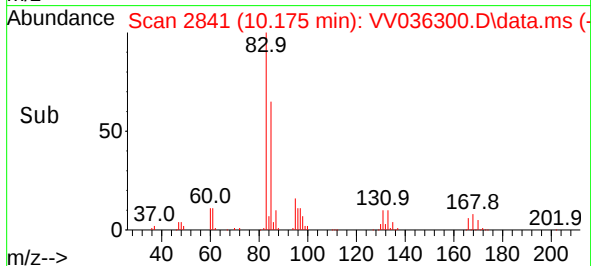
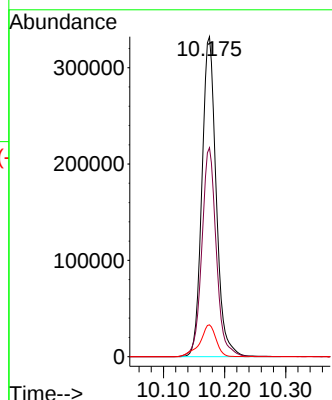
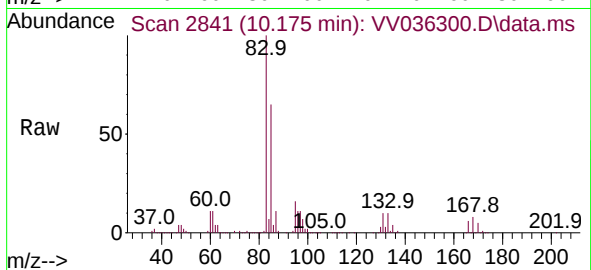
Tgt Ion: 83 Resp: 536810

Ion Ratio Lower Upper

83 100

85 65.3 45.7 84.9

131 10.0 7.8 11.6



#59

Bromoform

Concen: 99.909 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. -0.000 min

Lab File: VV036300.D

Acq: 27 Jun 2024 09:38

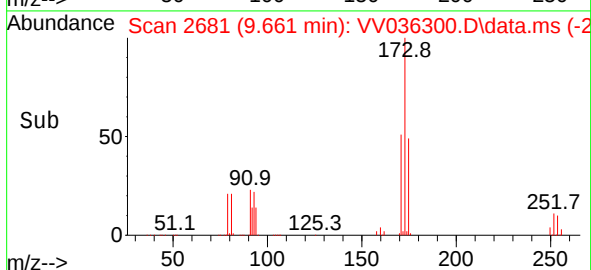
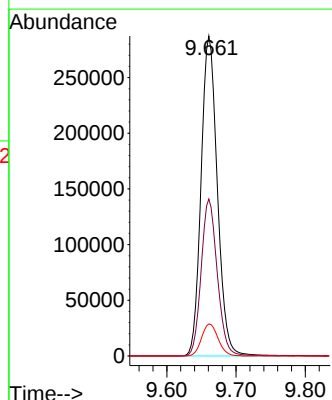
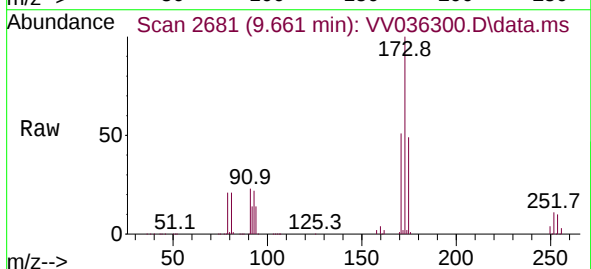
Tgt Ion: 173 Resp: 468137

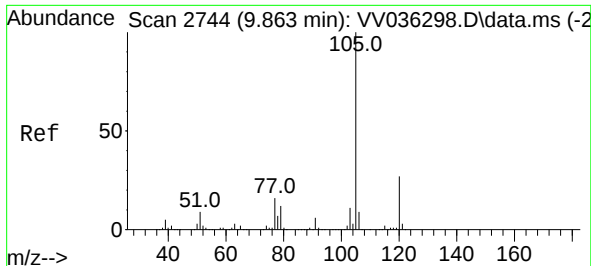
Ion Ratio Lower Upper

173 100

175 48.6 38.9 58.3

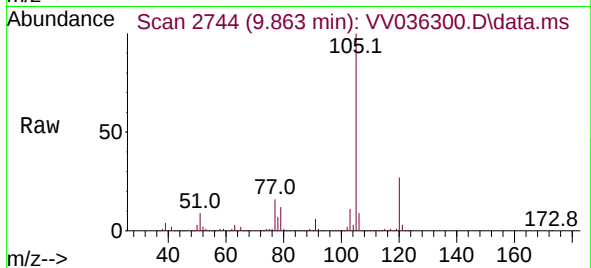
254 10.2 7.2 10.8



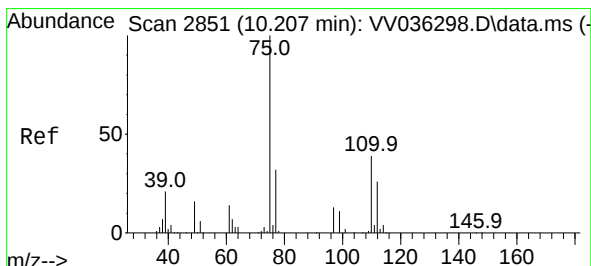
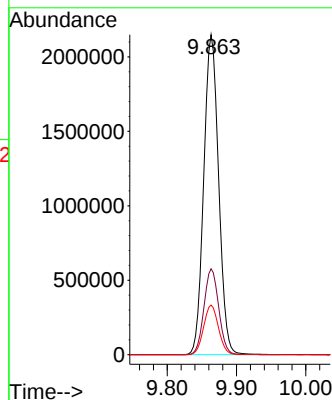
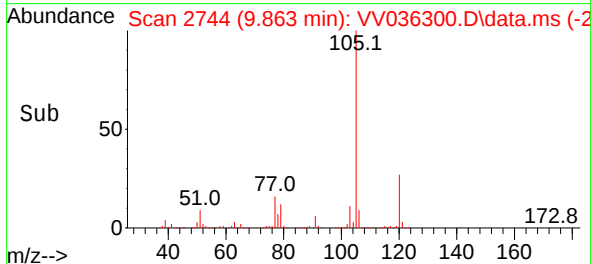


#60
Isopropylbenzene
Concen: 106.880 ug/L
RT: 9.863 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV036300.D
Acq: 27 Jun 2024 09:38

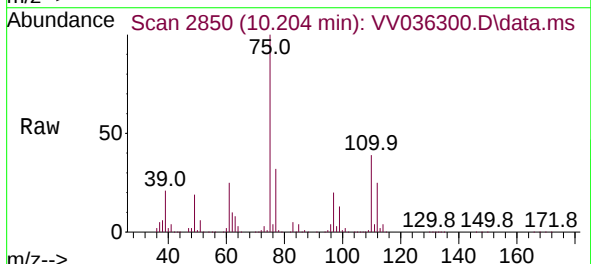
Instrument :
MSVOA_V
ClientSampleId :



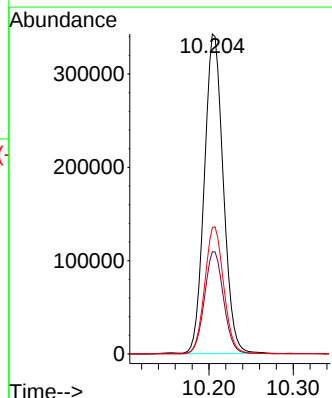
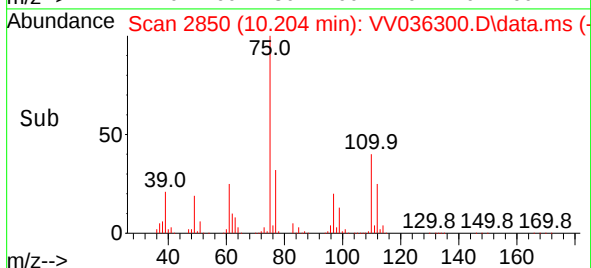
Tgt Ion:105 Resp: 3198056
Ion Ratio Lower Upper
105 100
120 26.7 21.2 31.8
77 15.5 12.5 18.7

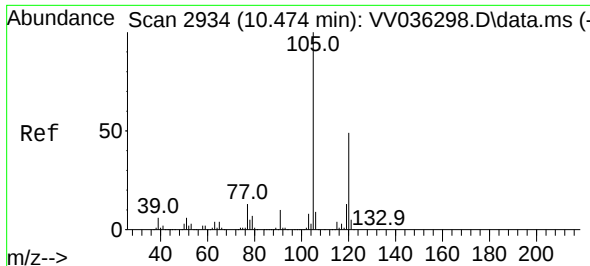


#61
1,2,3-Trichloropropane
Concen: 96.034 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.003 min
Lab File: VV036300.D
Acq: 27 Jun 2024 09:38



Tgt Ion: 75 Resp: 536456
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8
110 40.0 31.7 47.5

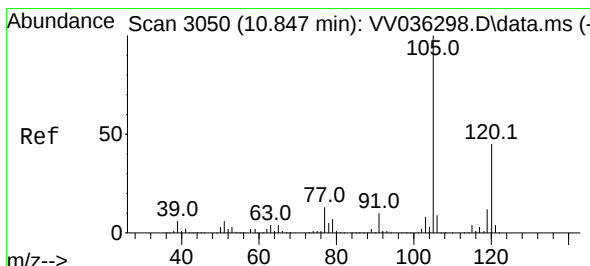
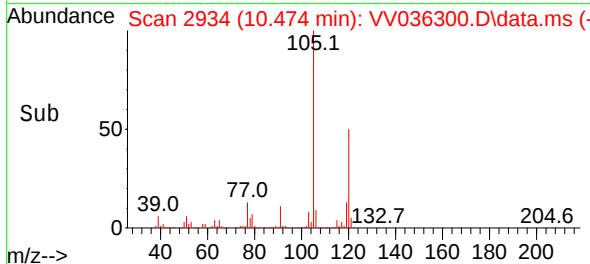
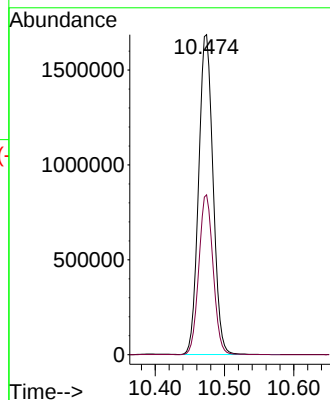
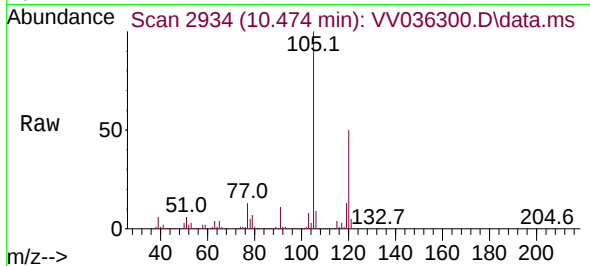




#62
 1,3,5-Trimethylbenzene
 Concen: 113.989 ug/L
 RT: 10.474 min Scan# 2934
 Delta R.T. -0.000 min
 Lab File: VV036300.D
 Acq: 27 Jun 2024 09:38

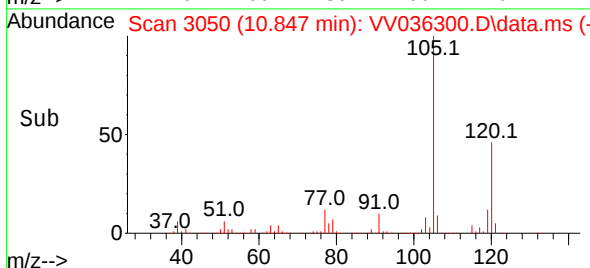
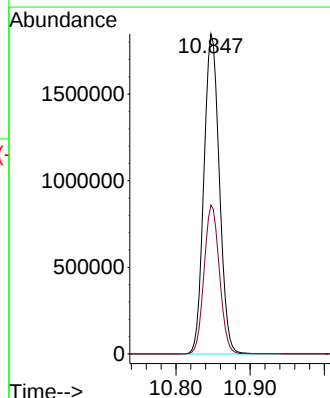
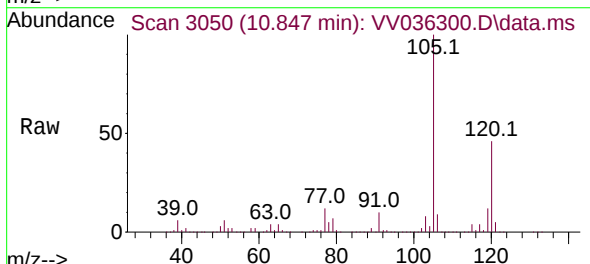
Instrument :
 MSVOA_V
 ClientSampleId :

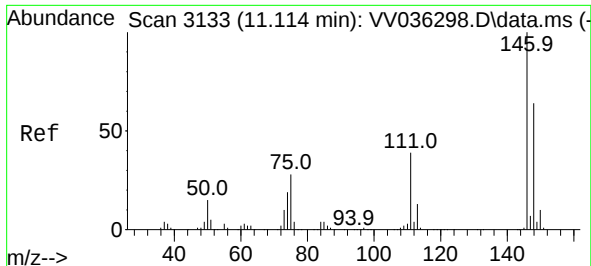
Tgt Ion:105 Resp: 2440927
 Ion Ratio Lower Upper
 105 100
 120 49.5 39.1 58.7



#63
 1,2,4-Trimethylbenzene
 Concen: 114.588 ug/L
 RT: 10.847 min Scan# 3050
 Delta R.T. -0.000 min
 Lab File: VV036300.D
 Acq: 27 Jun 2024 09:38

Tgt Ion:105 Resp: 2666430
 Ion Ratio Lower Upper
 105 100
 120 46.3 36.2 54.4

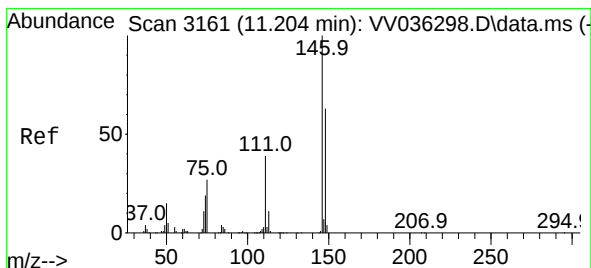
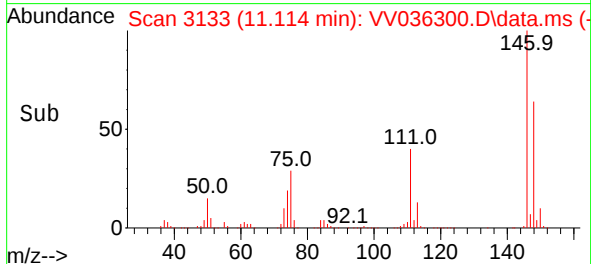
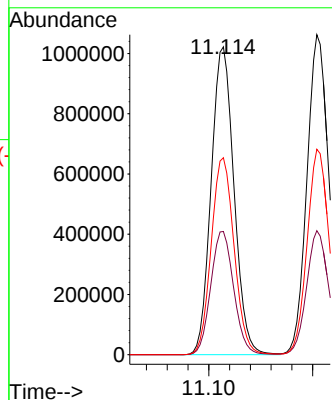
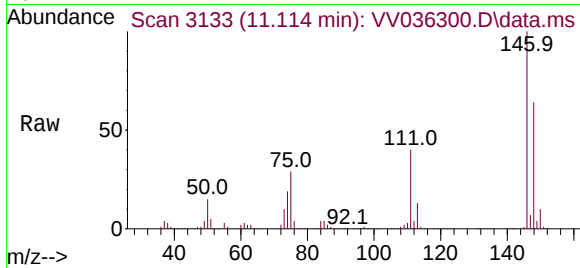




#64
1,3-Dichlorobenzene
Concen: 100.108 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VV036300.D
Acq: 27 Jun 2024 09:38

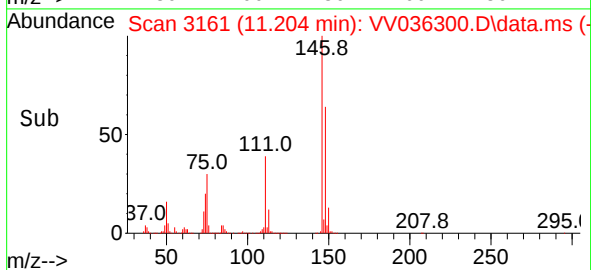
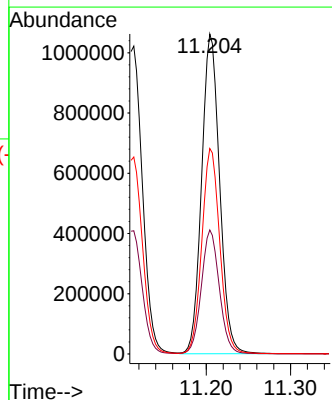
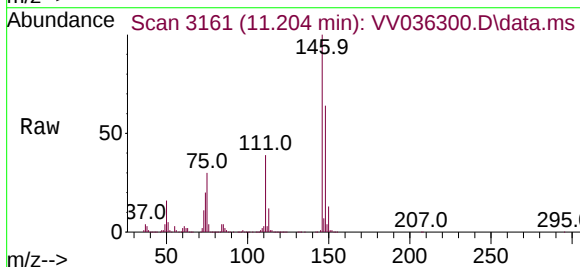
Instrument :
MSVOA_V
ClientSampleId :

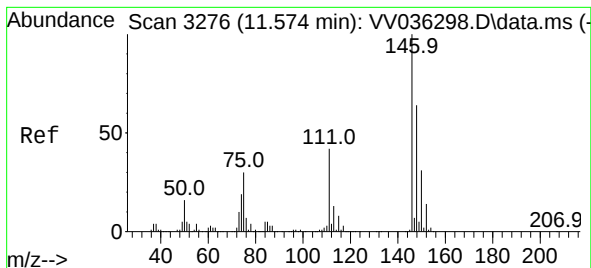
Tgt Ion:146 Resp: 1560848
Ion Ratio Lower Upper
146 100
111 40.0 27.5 51.1
148 64.0 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 94.586 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. -0.000 min
Lab File: VV036300.D
Acq: 27 Jun 2024 09:38

Tgt Ion:146 Resp: 1580824
Ion Ratio Lower Upper
146 100
111 38.7 27.5 51.1
148 64.2 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 100.595 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. -0.000 min

Lab File: VV036300.D

Acq: 27 Jun 2024 09:38

Instrument :

MSVOA_V

ClientSampleId :

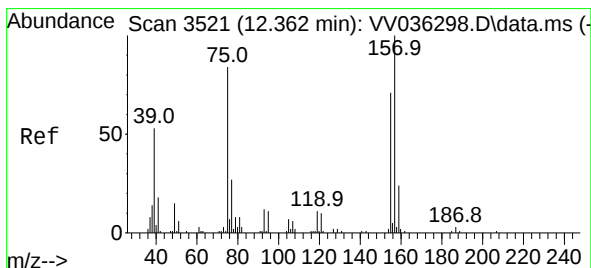
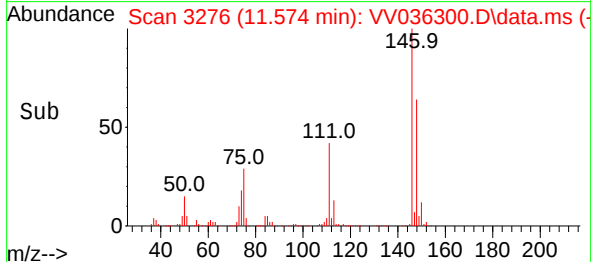
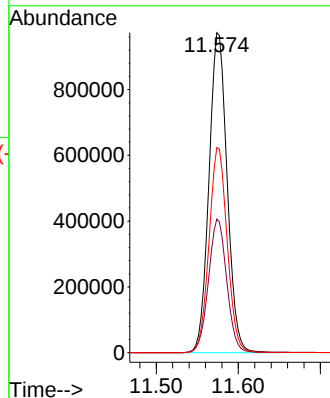
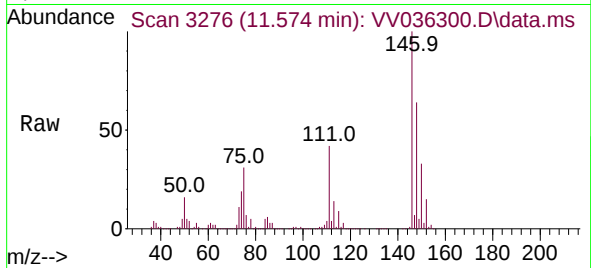
Tgt Ion:146 Resp: 1497347

Ion Ratio Lower Upper

146 100

111 41.8 33.3 49.9

148 64.1 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 104.835 ug/L

RT: 12.362 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV036300.D

Acq: 27 Jun 2024 09:38

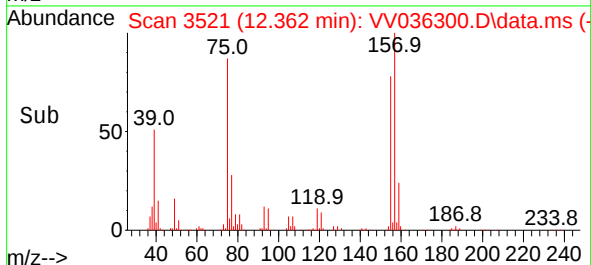
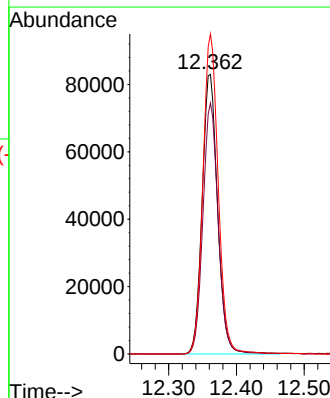
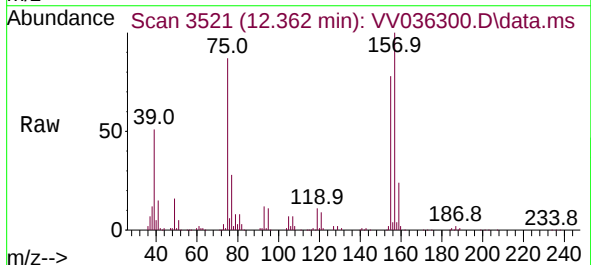
Tgt Ion: 75 Resp: 131383

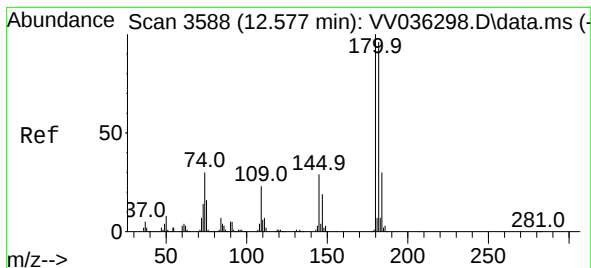
Ion Ratio Lower Upper

75 100

155 89.8 68.3 102.5

157 114.5 95.7 143.5





#69

1,3,5-Trichlorobenzene

Concen: 106.020 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. -0.000 min

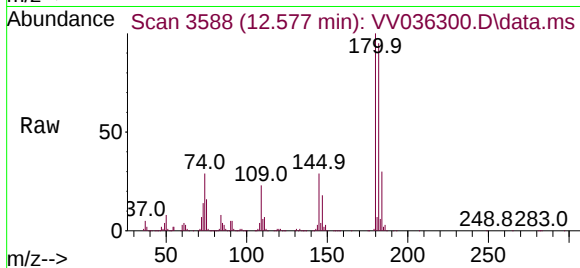
Lab File: VV036300.D

Acq: 27 Jun 2024 09:38

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 1244701

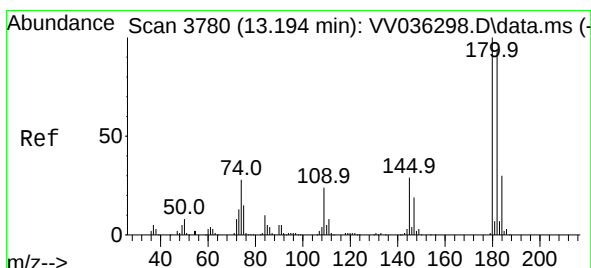
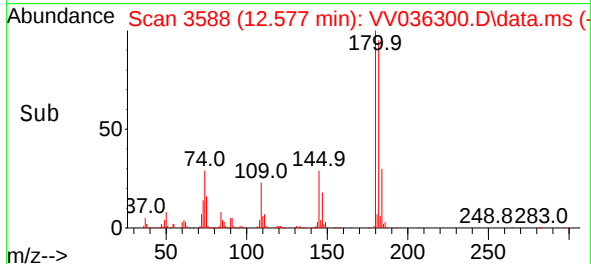
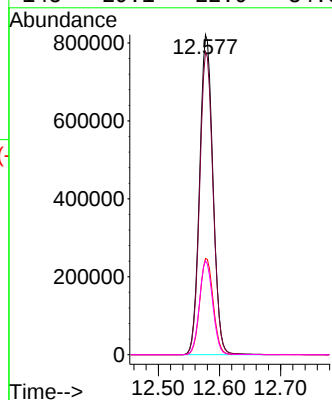
Ion Ratio Lower Upper

180 100

182 95.0 76.2 114.4

184 30.3 23.3 34.9

145 29.1 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 115.552 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.000 min

Lab File: VV036300.D

Acq: 27 Jun 2024 09:38

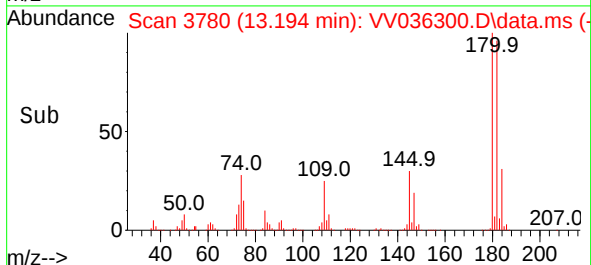
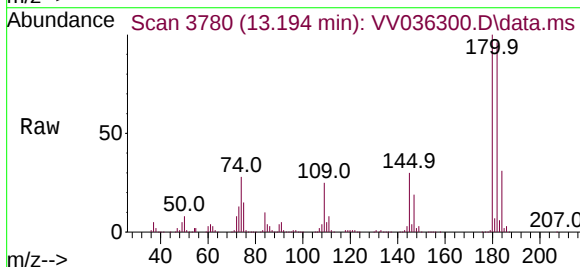
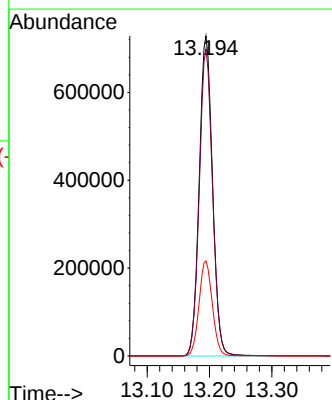
Tgt Ion:180 Resp: 1081830

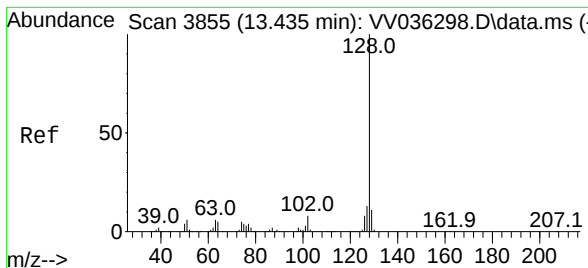
Ion Ratio Lower Upper

180 100

182 95.4 76.1 114.1

145 29.7 23.8 35.8





#71

Naphthalene

Concen: 125.977 ug/L

RT: 13.432 min Scan# 3855

Delta R.T. -0.003 min

Lab File: VV036300.D

Acq: 27 Jun 2024 09:38

Instrument :

MSVOA_V

ClientSampleId :

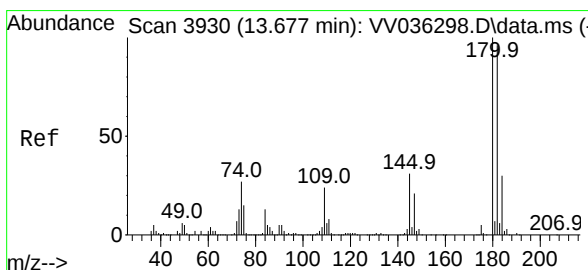
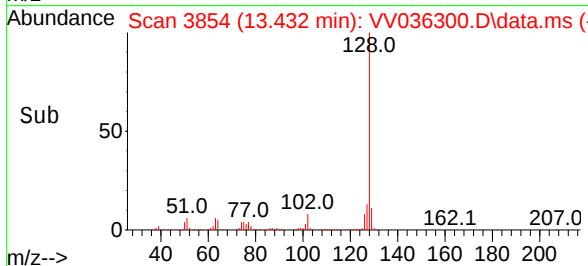
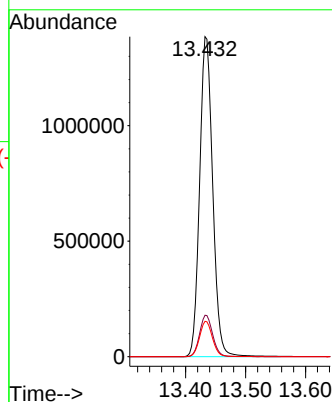
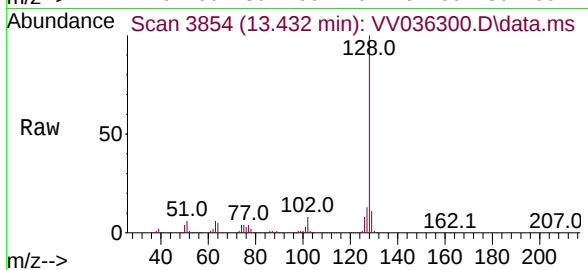
Tgt Ion:128 Resp: 2102908

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 111.755 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. -0.000 min

Lab File: VV036300.D

Acq: 27 Jun 2024 09:38

Tgt Ion:180 Resp: 983863

Ion Ratio Lower Upper

180 100

182 95.4 76.7 115.1

145 31.5 25.0 37.4

