

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062424\
 Data File : VV036265.D
 Acq On : 25 Jun 2024 00:04
 Operator : SY/MD
 Sample : P3035-02MS
 Misc : 4.82g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 25 06:30:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 25 05:53:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	469599	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	409411	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	150915	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	139055	16.106	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.440%
7) Chloroethane-d5	1.526	69	122302	17.766	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.080%
11) 1,1-Dichloroethene-d2	2.050	65	60461	15.731	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.920%
21) 2-Butanone-d5	3.844	46	15897	8.025	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	16.060%#
24) Chloroform-d	4.243	84	267605	17.924	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.680%
26) 1,2-Dichloroethane-d4	4.937	65	152910	19.535	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.120%
32) Benzene-d6	4.953	84	506841	20.827	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.320%
36) 1,2-Dichloropropane-d6	5.985	67	161451	21.067	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.280%
41) Toluene-d8	7.239	98	435329	20.274	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.080%
43) trans-1,3-Dichloroprop...	7.551	79	49110	15.629	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.520%
47) 2-Hexanone-d5	8.034	63	28268	27.224	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.440%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	125182	21.859	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.440%
66) 1,2-Dichlorobenzene-d4	11.558	152	101868	18.407	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.640%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	96780	11.430	ug/L	99
3) Chloromethane	1.211	50	97381	10.021	ug/L	99
5) Vinyl chloride	1.275	62	125294	12.248	ug/L	99
6) Bromomethane	1.481	94	67084	10.570	ug/L	100
8) Chloroethane	1.542	64	83174	13.080	ug/L	99
9) Trichlorofluoromethane	1.706	101	175442	13.810	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	104177	12.921	ug/L	98
12) 1,1-Dichloroethene	2.060	96	101803	13.538	ug/L	82
13) Acetone	2.159	43	35854	11.620	ug/L	80
14) Carbon disulfide	2.233	76	270158	10.345	ug/L	100
15) Methyl Acetate	2.391	43	26709	6.964	ug/L	92
16) Methylene chloride	2.442	84	147300	13.862	ug/L	97
17) trans-1,2-Dichloroethene	2.687	96	99035	12.398	ug/L	93
18) Methyl tert-butyl Ether	2.703	73	288592	16.093	ug/L	99
19) 1,1-Dichloroethane	3.105	63	206144	13.551	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	105986	13.204	ug/L	99
22) 2-Butanone	3.924	43	24593	9.393	ug/L #	61
23) Bromochloromethane	4.143	128	60029	14.909	ug/L	98
25) Chloroform	4.268	83	221511	14.155	ug/L	100

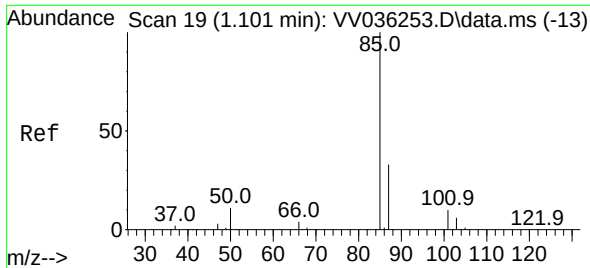
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062424\
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	149935	15.347	ug/L	99
29) Cyclohexane	4.577	56	96933	9.944	ug/L	96
30) 1,1,1-Trichloroethane	4.506	97	167297	14.947	ug/L	100
31) Carbon tetrachloride	4.728	117	138133	14.068	ug/L	100
33) Benzene	5.005	78	422588	15.782	ug/L	100
34) Trichloroethene	5.828	95	112945	13.763	ug/L	99
35) Methylcyclohexane	6.047	83	88727	7.818	ug/L	98
37) 1,2-Dichloropropane	6.088	63	115476	16.424	ug/L	98
38) Bromodichloromethane	6.429	83	156294	16.795	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	110971	10.552	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	120906	31.651	ug/L	98
42) Toluene	7.313	91	407060	14.877	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	108948	11.994	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	101122	17.382	ug/L	99
46) Tetrachloroethene	7.902	164	67840	11.303	ug/L	97
48) 2-Hexanone	8.082	43	64377	21.557	ug/L	97
49) Dibromochloromethane	8.175	129	106882	16.787	ug/L	100
50) 1,2-Dibromoethane	8.281	107	86354	15.470	ug/L	99
51) Chlorobenzene	8.812	112	242438	13.005	ug/L	99
52) Ethylbenzene	8.944	91	357211	12.203	ug/L	99
53) m,p-Xylene	9.072	106	132090	12.009	ug/L	100
54) o-Xylene	9.477	106	127713	12.312	ug/L	97
55) Styrene	9.493	104	211329	11.553	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	93588	17.966	ug/L	99
59) Bromoform	9.664	173	64640	22.712	ug/L	98
60) Isopropylbenzene	9.866	105	284035	14.670	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	88119	24.688	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	172246	12.269	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	192092	12.699	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	130653	12.850	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	140005	13.340	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	128347	13.414	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	17283	21.654	ug/L	94
69) 1,3,5-Trichlorobenzene	12.580	180	51462	6.766	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	35255	5.887	ug/L	99
71) Naphthalene	13.439	128	87171	8.919	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	31883	5.834	ug/L	99

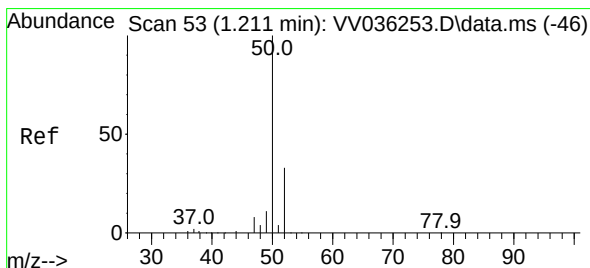
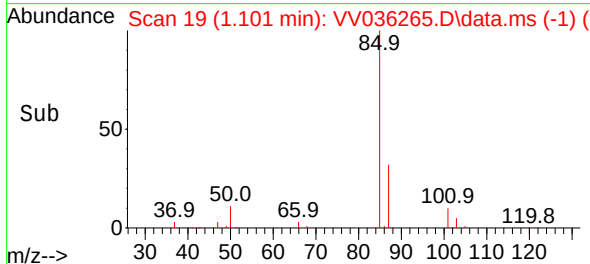
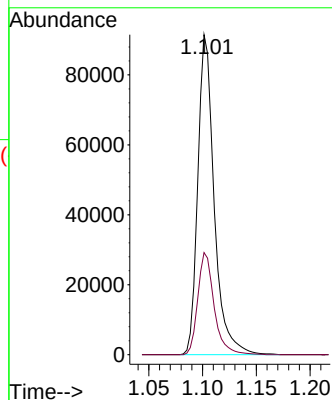
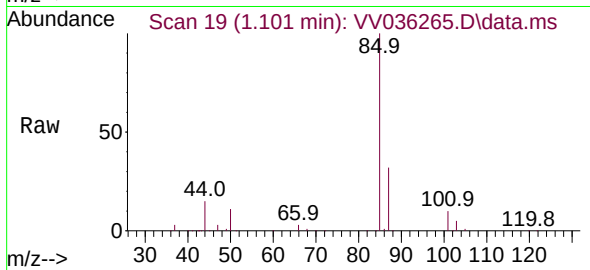
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 11.430 ug/L
 RT: 1.101 min Scan# 19
 Delta R.T. -0.000 min
 Lab File: VV036265.D
 Acq: 25 Jun 2024 00:04

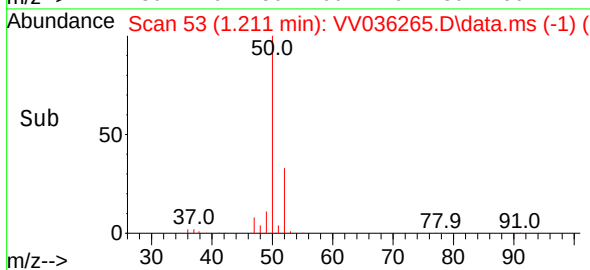
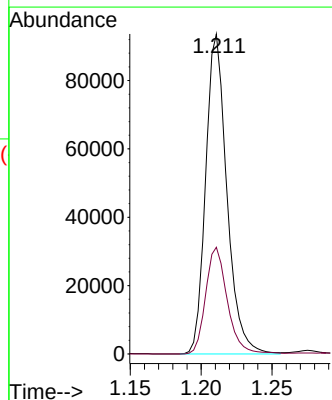
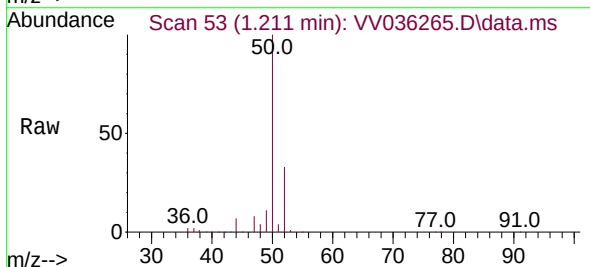
Instrument :
 MSVOA_V
 ClientSampleId :

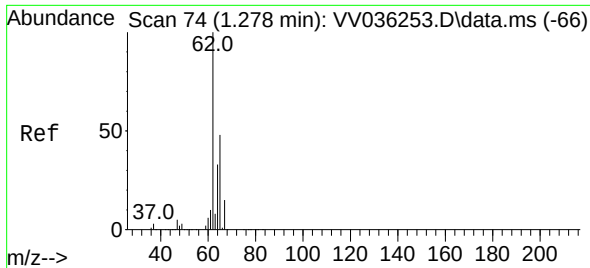
Tgt Ion: 85 Resp: 96780
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.9 38.9



#3
 Chloromethane
 Concen: 10.021 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. -0.000 min
 Lab File: VV036265.D
 Acq: 25 Jun 2024 00:04

Tgt Ion: 50 Resp: 97381
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.8 42.4

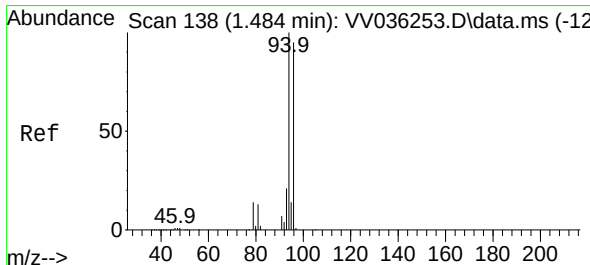
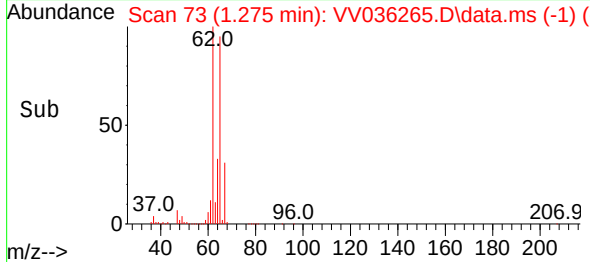
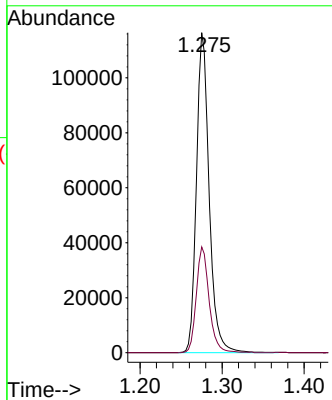
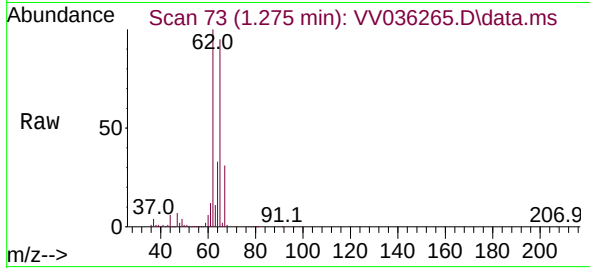




#5
 Vinyl chloride
 Concen: 12.248 ug/L
 RT: 1.275 min Scan# 74
 Delta R.T. -0.003 min
 Lab File: VV036265.D
 Acq: 25 Jun 2024 00:04

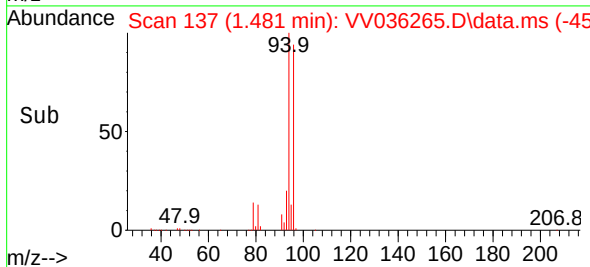
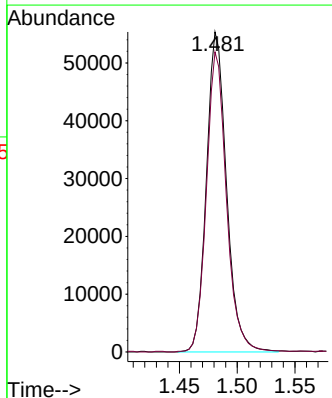
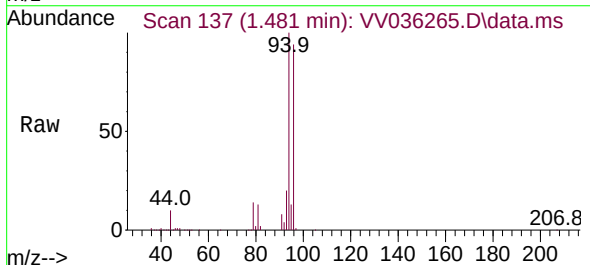
Instrument :
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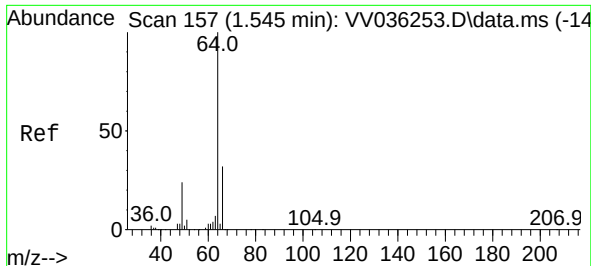
Tgt Ion: 62 Resp: 125294
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.9 42.5



#6
 Bromomethane
 Concen: 10.570 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.003 min
 Lab File: VV036265.D
 Acq: 25 Jun 2024 00:04

Tgt Ion: 94 Resp: 67084
 Ion Ratio Lower Upper
 94 100
 96 93.8 65.7 122.1

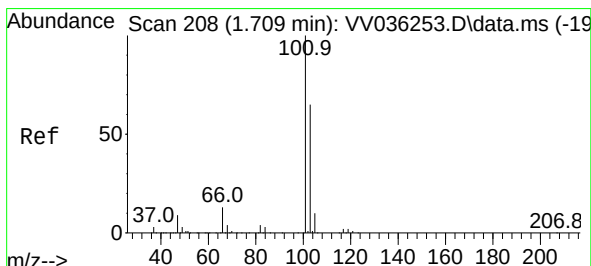
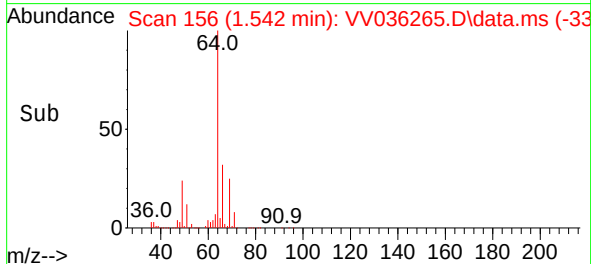
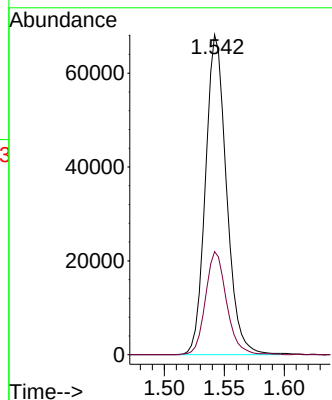
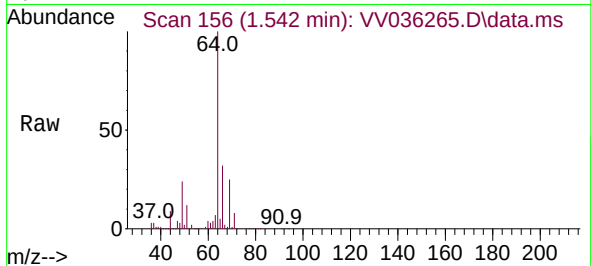




#8
Chloroethane
Concen: 13.080 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV036265.D
Acq: 25 Jun 2024 00:04

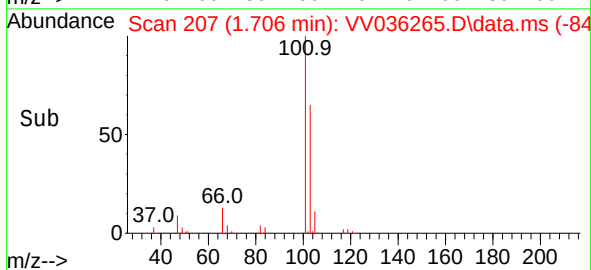
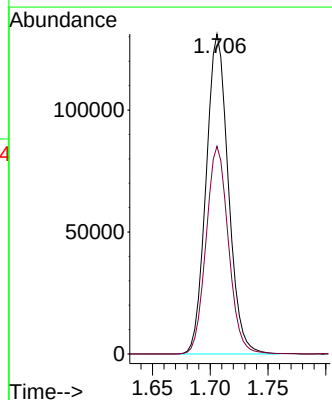
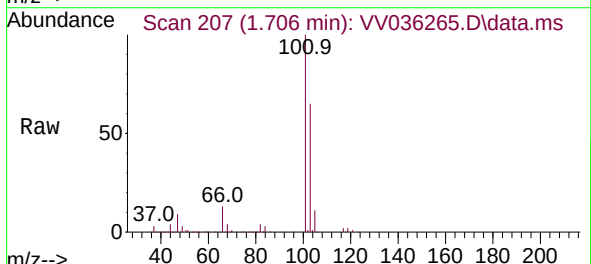
Instrument :
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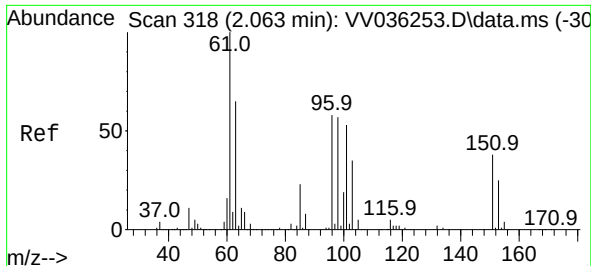
Tgt Ion: 64 Resp: 83174
Ion Ratio Lower Upper
64 100
66 32.2 22.0 41.0



#9
Trichlorofluoromethane
Concen: 13.810 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.003 min
Lab File: VV036265.D
Acq: 25 Jun 2024 00:04

Tgt Ion:101 Resp: 175442
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.8





#10

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

Concen: 12.921 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.003 min

Lab File: VV036265.D

Acq: 25 Jun 2024 00:04

Instrument :

MSVOA_V

ClientSampleId :

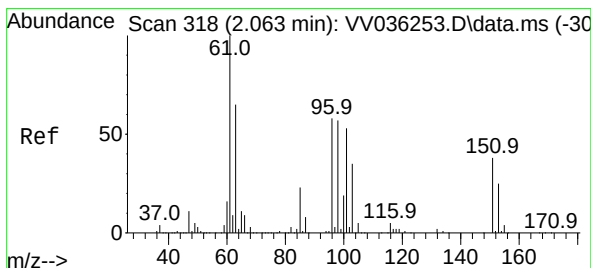
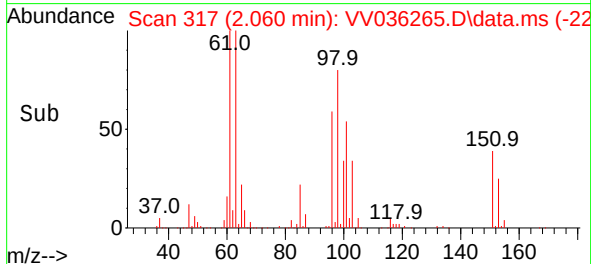
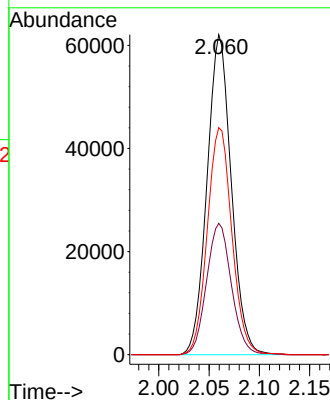
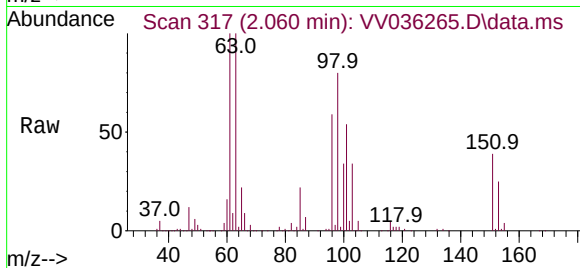
Tgt Ion:101 Resp: 104177

Ion Ratio Lower Upper

101 100

85 42.0 34.5 51.7

151 71.9 56.3 84.5



#12

1,1-Dichloroethene

Concen: 13.538 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.003 min

Lab File: VV036265.D

Acq: 25 Jun 2024 00:04

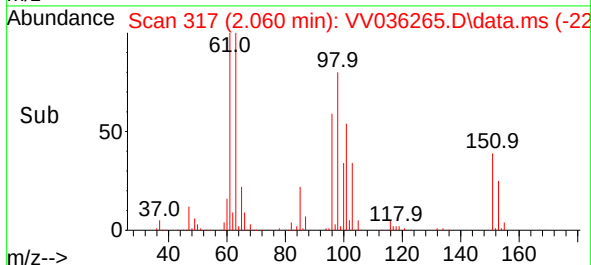
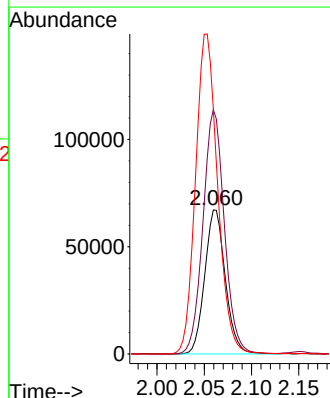
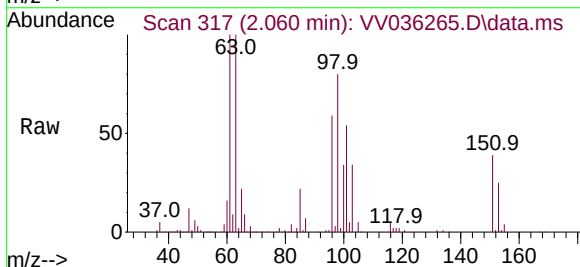
Tgt Ion: 96 Resp: 101803

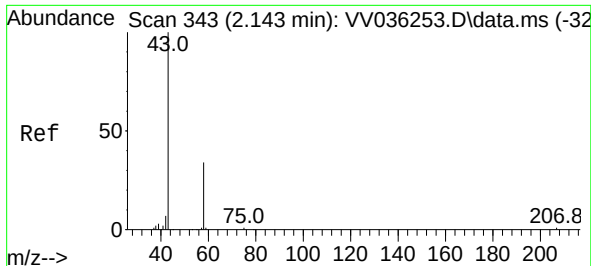
Ion Ratio Lower Upper

96 100

61 169.7 127.3 236.3

63 170.3 93.7 173.9

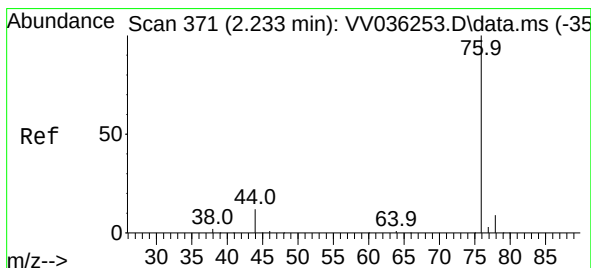
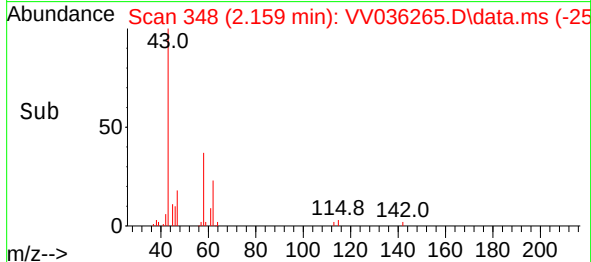
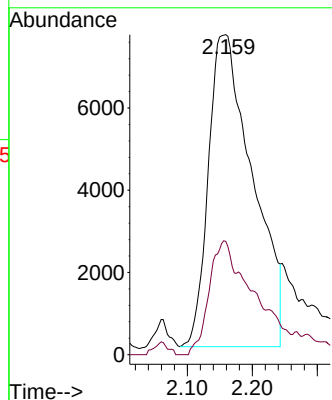
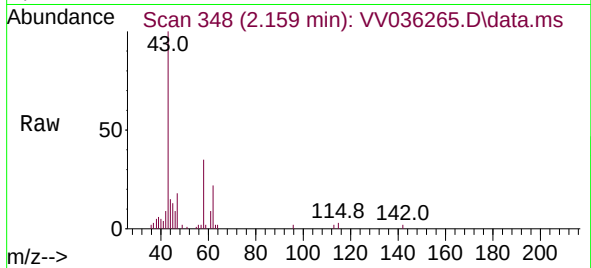




#13
Acetone
Concen: 11.620 ug/L
RT: 2.159 min Scan# 343
Delta R.T. 0.016 min
Lab File: VV036265.D
Acq: 25 Jun 2024 00:04

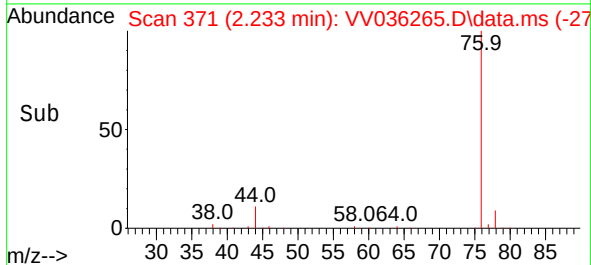
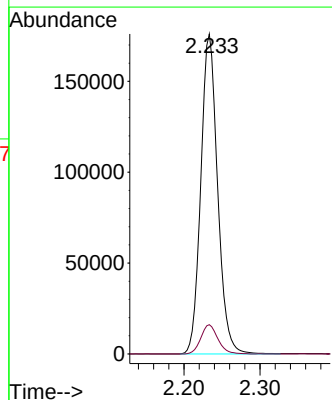
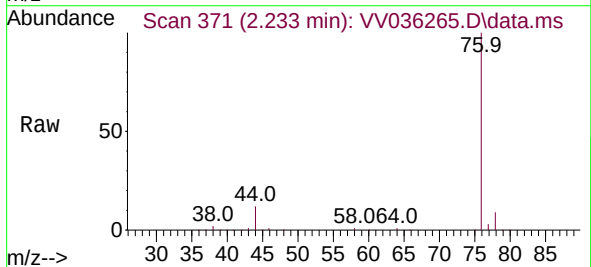
Instrument :
MSVOA_V
ClientSampleId :

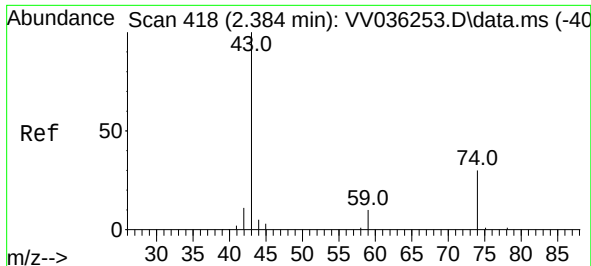
Tgt Ion: 43 Resp: 35854
Ion Ratio Lower Upper
43 100
58 20.1 0.0 24.2



#14
Carbon disulfide
Concen: 10.345 ug/L
RT: 2.233 min Scan# 371
Delta R.T. -0.000 min
Lab File: VV036265.D
Acq: 25 Jun 2024 00:04

Tgt Ion: 76 Resp: 270158
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2





#15

Methyl Acetate

Concen: 6.964 ug/L

RT: 2.391 min Scan# 418

Delta R.T. 0.006 min

Lab File: VV036265.D

Acq: 25 Jun 2024 00:04

Instrument :

MSVOA_V

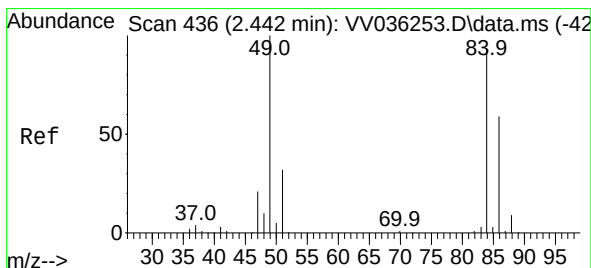
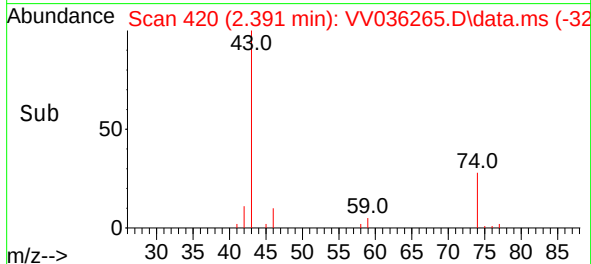
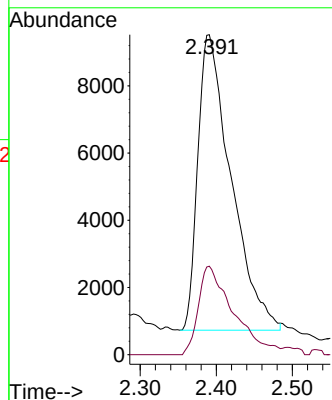
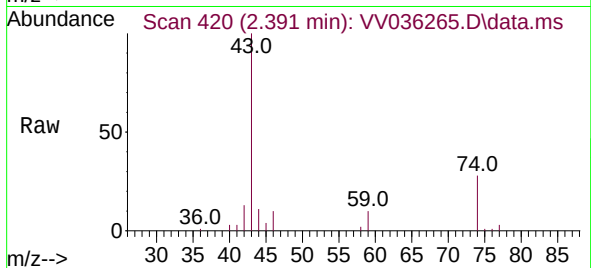
ClientSampleId :

Tgt Ion: 43 Resp: 26709

Ion Ratio Lower Upper

43 100

74 30.8 21.4 32.2



#16

Methylene chloride

Concen: 13.862 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV036265.D

Acq: 25 Jun 2024 00:04

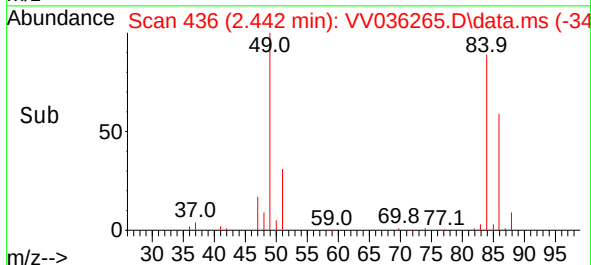
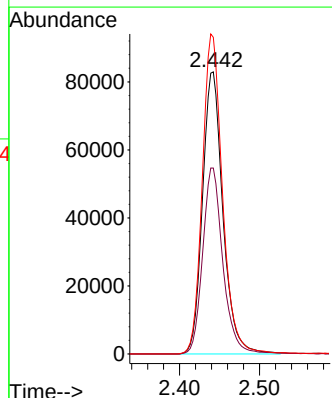
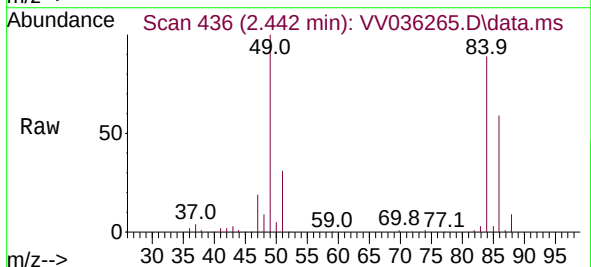
Tgt Ion: 84 Resp: 147300

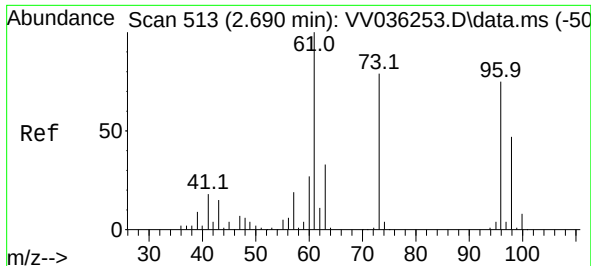
Ion Ratio Lower Upper

84 100

86 65.9 44.6 82.8

49 112.3 81.1 150.5





#17

trans-1,2-Dichloroethene

Concen: 12.398 ug/L

RT: 2.687 min Scan# 513

Delta R.T. -0.003 min

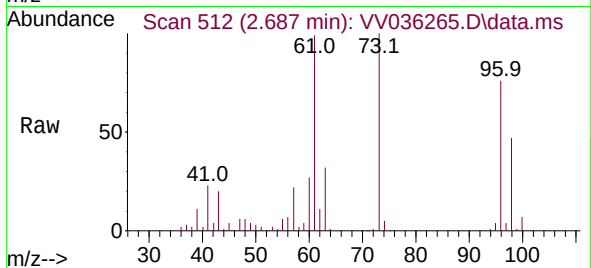
Lab File: VV036265.D

Acq: 25 Jun 2024 00:04

Instrument :

MSVOA_V

ClientSampleId :



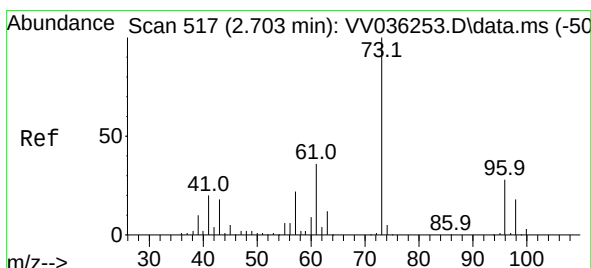
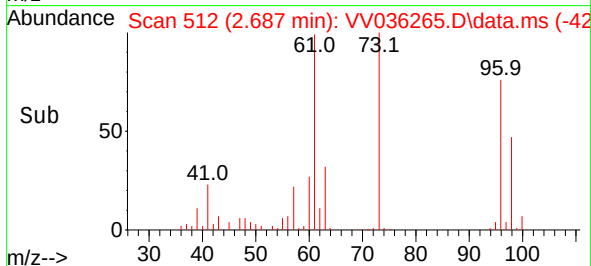
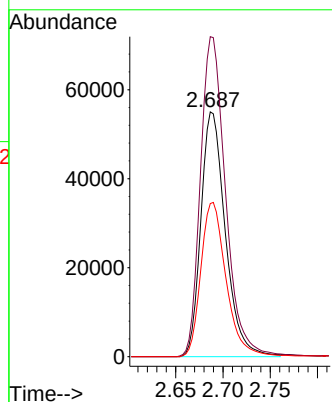
Tgt Ion: 96 Resp: 99035

Ion Ratio Lower Upper

96 100

61 130.7 99.4 184.6

98 62.6 44.9 83.3



#18

Methyl tert-butyl Ether

Concen: 16.093 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV036265.D

Acq: 25 Jun 2024 00:04

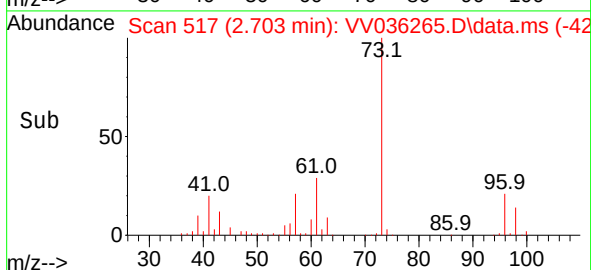
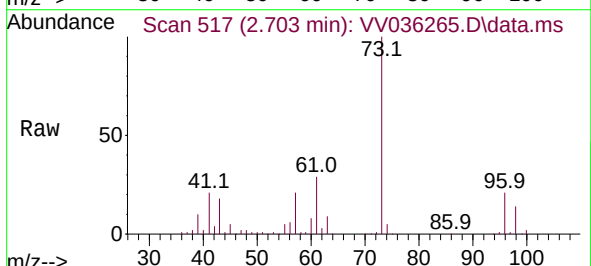
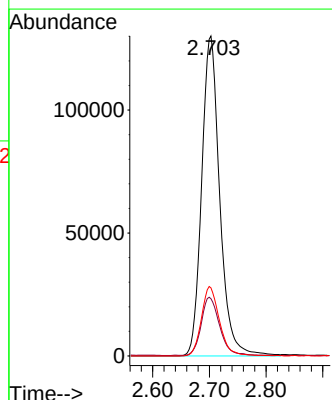
Tgt Ion: 73 Resp: 288592

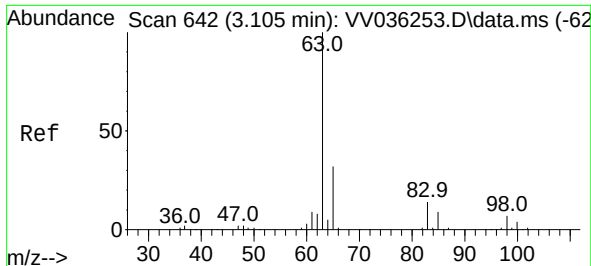
Ion Ratio Lower Upper

73 100

43 18.3 14.3 21.5

57 21.5 17.8 26.6

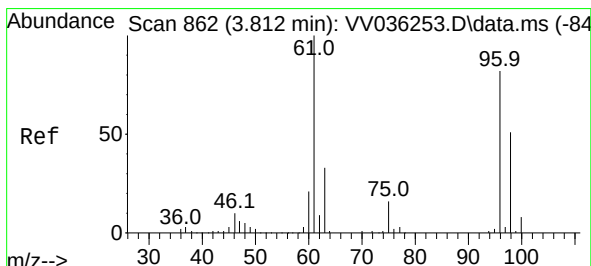
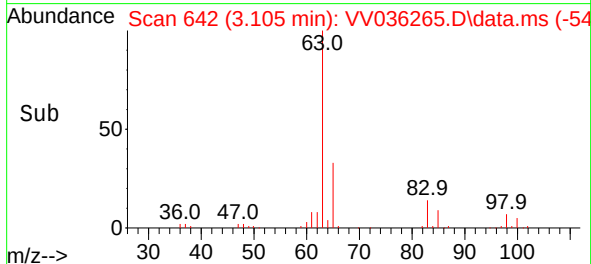
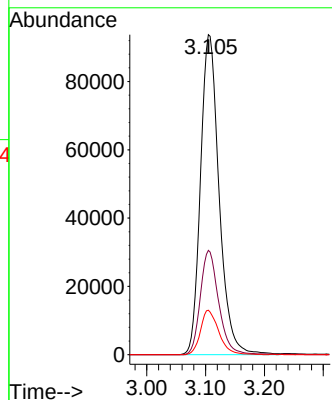
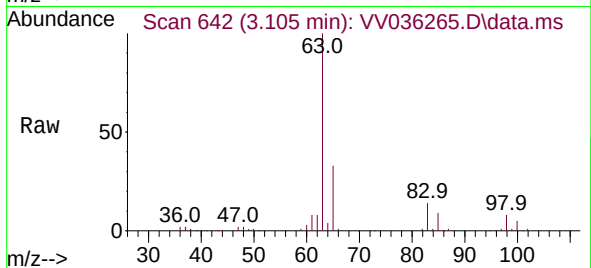




#19
1,1-Dichloroethane
Concen: 13.551 ug/L
RT: 3.105 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV036265.D
Acq: 25 Jun 2024 00:04

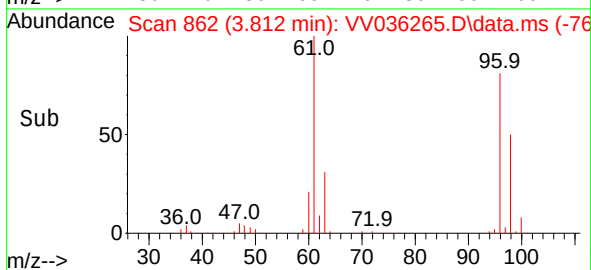
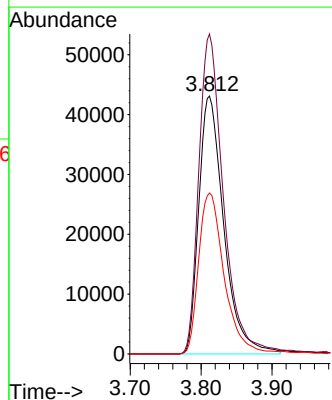
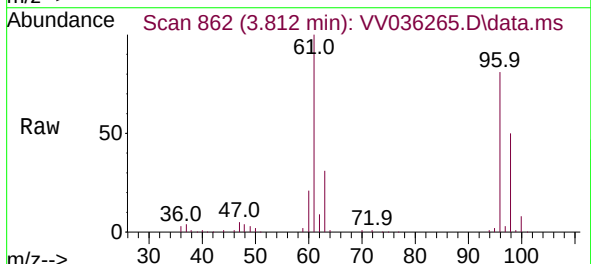
Instrument :
MSVOA_V
ClientSampleId :

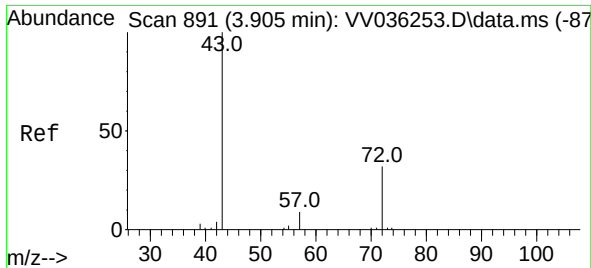
Tgt Ion:	63	Resp:	206144
Ion	Ratio	Lower	Upper
63	100		
65	32.6	22.4	41.6
83	13.9	9.2	17.0



#20
cis-1,2-Dichloroethene
Concen: 13.204 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.000 min
Lab File: VV036265.D
Acq: 25 Jun 2024 00:04

Tgt Ion:	96	Resp:	105986
Ion	Ratio	Lower	Upper
96	100		
61	124.0	87.9	163.3
98	62.4	44.4	82.5

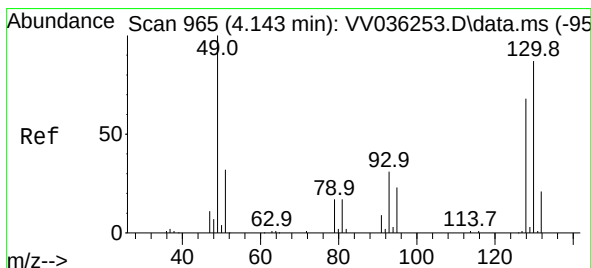
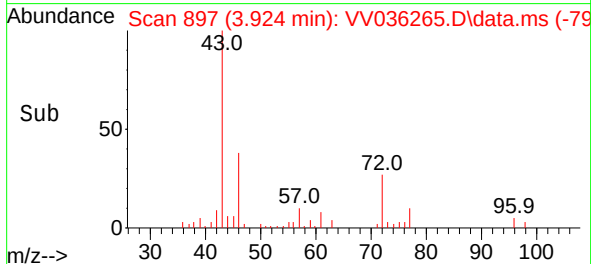
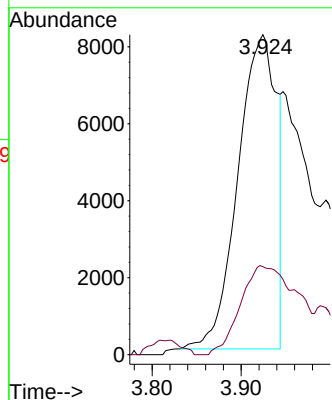
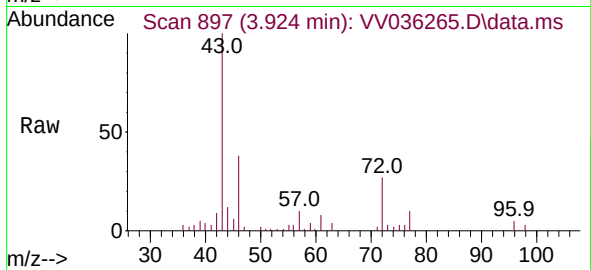




#22
2-Butanone
Concen: 9.393 ug/L
RT: 3.924 min Scan# 897
Delta R.T. 0.019 min
Lab File: VV036265.D
Acq: 25 Jun 2024 00:04

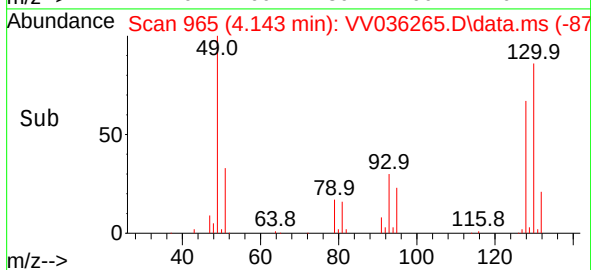
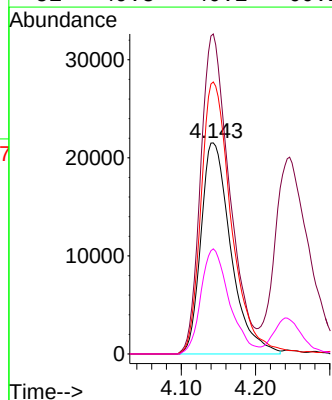
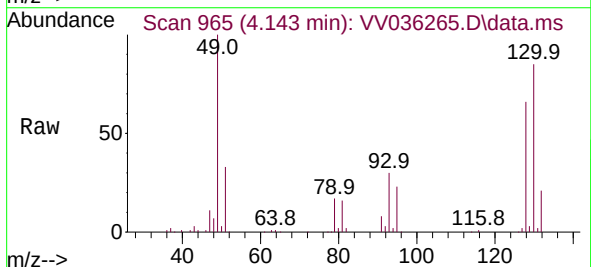
Instrument :
MSVOA_V
ClientSampleId :

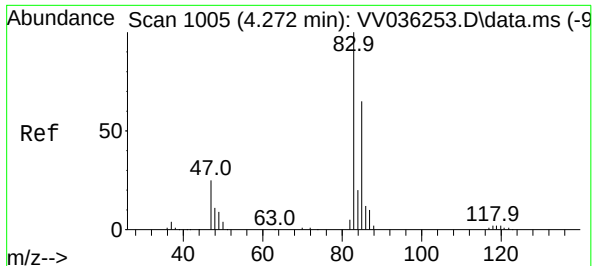
Tgt Ion: 43 Resp: 24593
Ion Ratio Lower Upper
43 100
72 33.1 8.2 24.4#



#23
Bromochloromethane
Concen: 14.909 ug/L
RT: 4.143 min Scan# 965
Delta R.T. -0.000 min
Lab File: VV036265.D
Acq: 25 Jun 2024 00:04

Tgt Ion:128 Resp: 60029
Ion Ratio Lower Upper
128 100
49 151.6 110.2 204.6
130 128.9 90.2 167.4
51 49.8 40.2 60.2





#25

Chloroform

Concen: 14.155 ug/L

RT: 4.268 min Scan# 1004

Delta R.T. -0.003 min

Lab File: VV036265.D

Acq: 25 Jun 2024 00:04

Instrument :

MSVOA_V

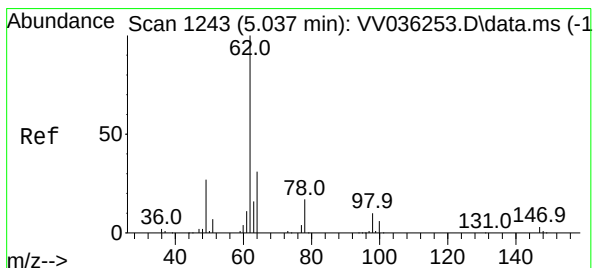
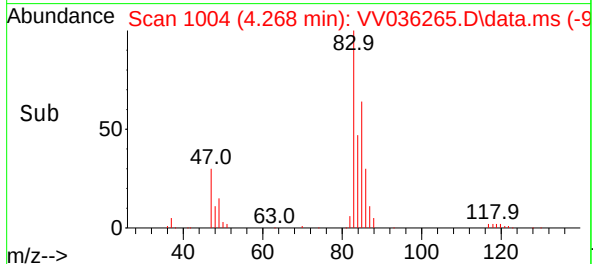
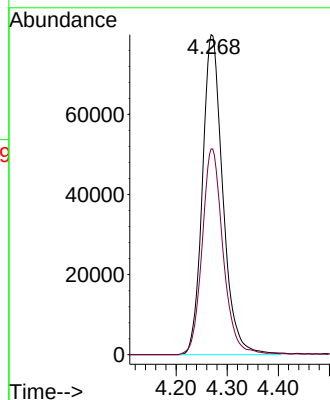
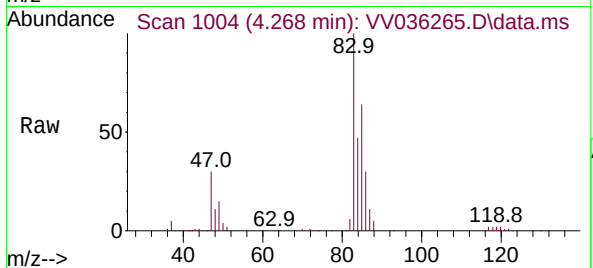
ClientSampleId :

Tgt Ion: 83 Resp: 221511

Ion Ratio Lower Upper

83 100

85 64.3 45.2 84.0



#27

1,2-Dichloroethane

Concen: 15.347 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VV036265.D

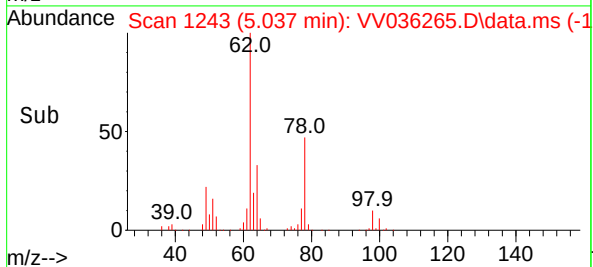
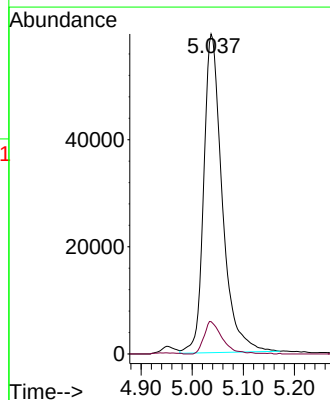
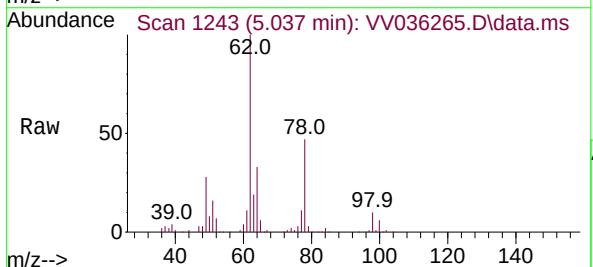
Acq: 25 Jun 2024 00:04

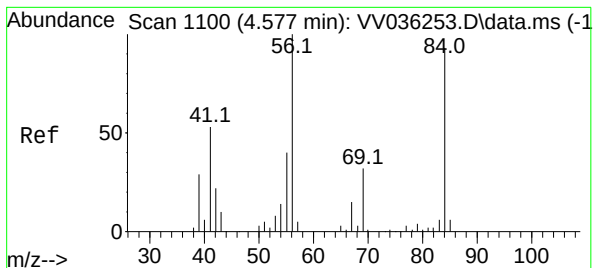
Tgt Ion: 62 Resp: 149935

Ion Ratio Lower Upper

62 100

98 10.1 7.8 11.6





#29

Cyclohexane

Concen: 9.944 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VV036265.D

Acq: 25 Jun 2024 00:04

Instrument :

MSVOA_V

ClientSampleId :

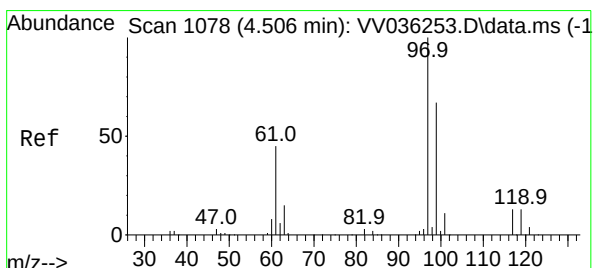
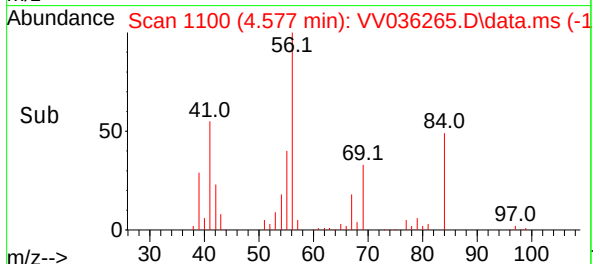
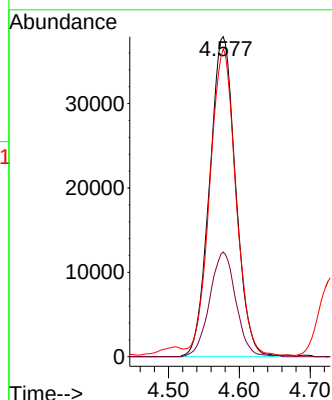
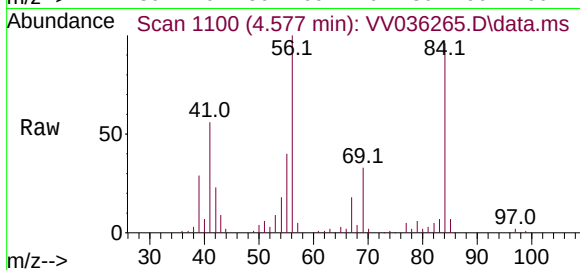
Tgt Ion: 56 Resp: 96933

Ion Ratio Lower Upper

56 100

69 32.8 25.2 37.8

84 94.9 72.2 108.2



#30

1,1,1-Trichloroethane

Concen: 14.947 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VV036265.D

Acq: 25 Jun 2024 00:04

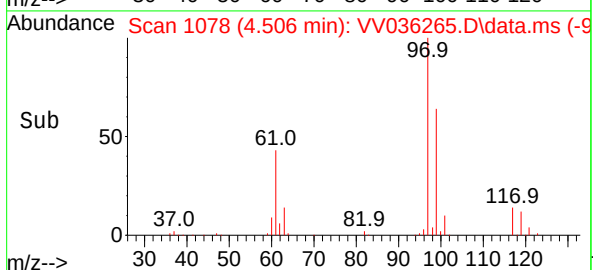
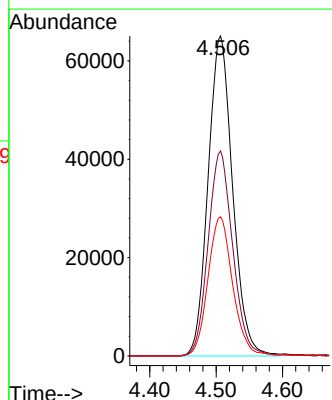
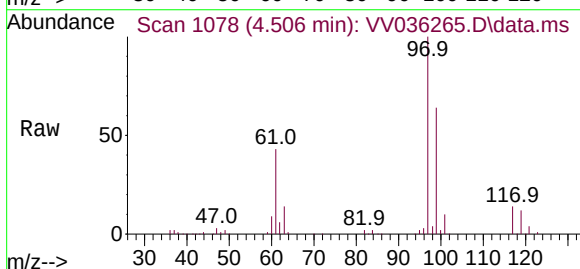
Tgt Ion: 97 Resp: 167297

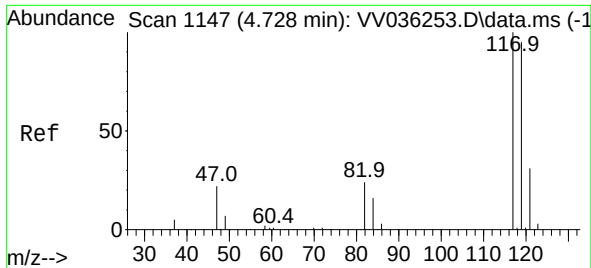
Ion Ratio Lower Upper

97 100

99 64.2 50.9 76.3

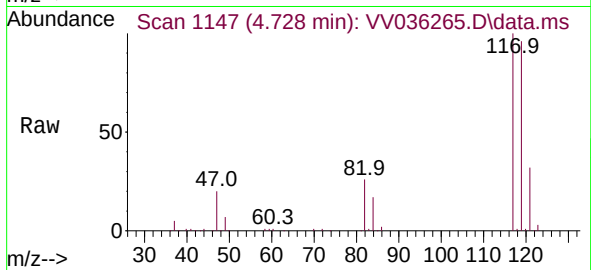
61 43.8 35.0 52.6



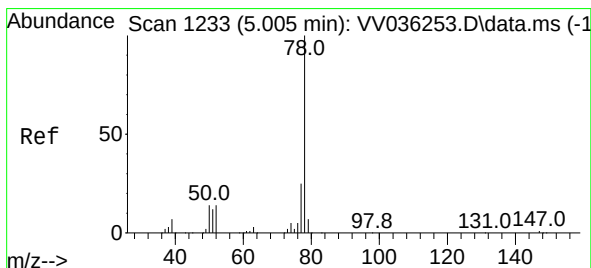
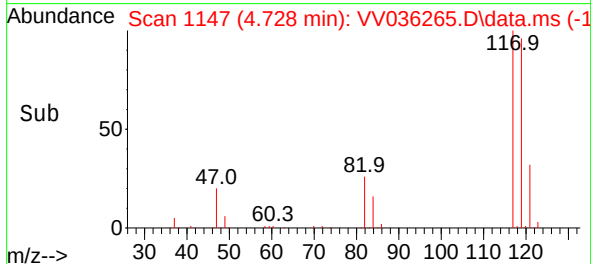
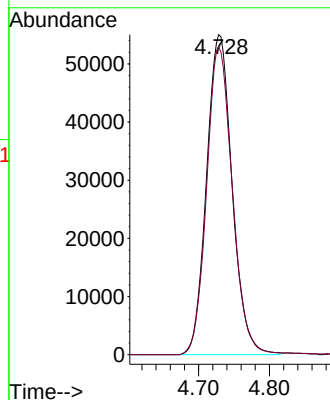


#31
Carbon tetrachloride
Concen: 14.068 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. -0.000 min
Lab File: VV036265.D
Acq: 25 Jun 2024 00:04

Instrument :
MSVOA_V
ClientSampleId :

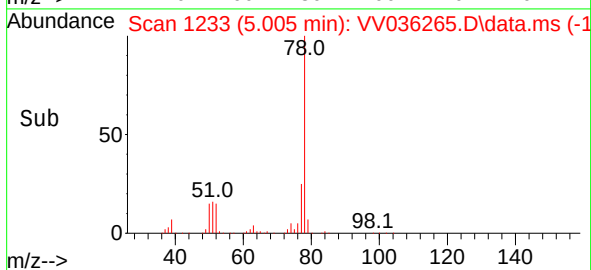
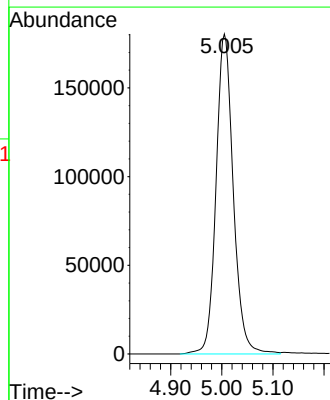
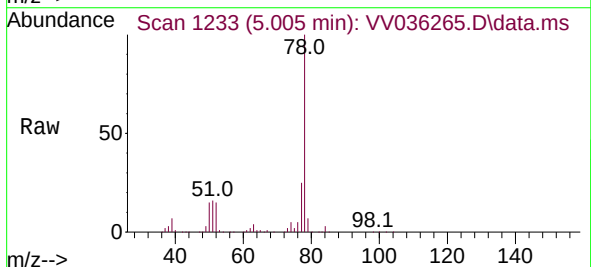


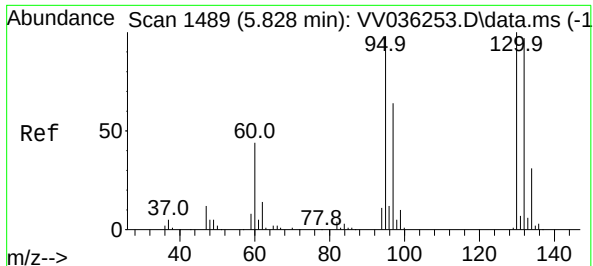
Tgt Ion:117 Resp: 138133
Ion Ratio Lower Upper
117 100
119 96.4 76.8 115.2



#33
Benzene
Concen: 15.782 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. -0.000 min
Lab File: VV036265.D
Acq: 25 Jun 2024 00:04

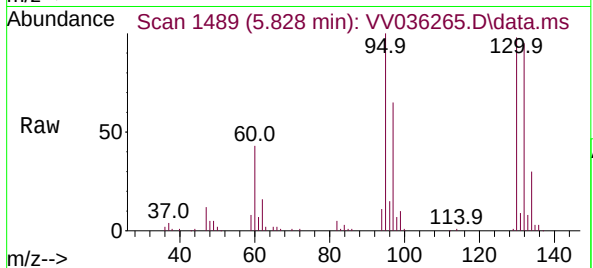
Tgt Ion: 78 Resp: 422588



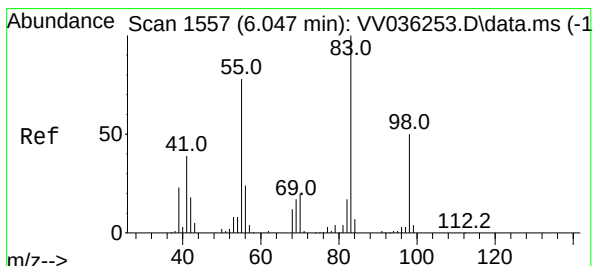
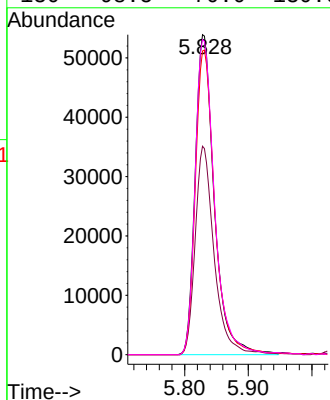
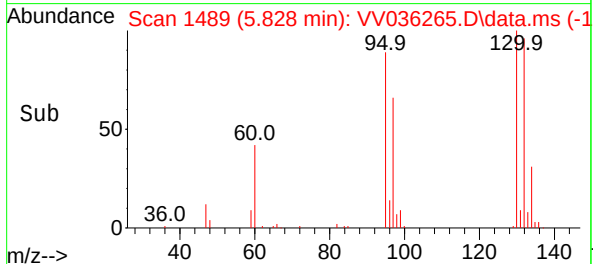


#34
Trichloroethene
Concen: 13.763 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VV036265.D
Acq: 25 Jun 2024 00:04

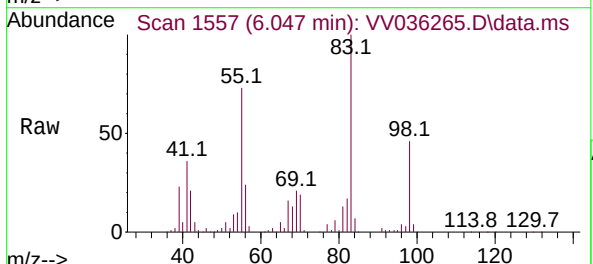
Instrument :
MSVOA_V
ClientSampleId :



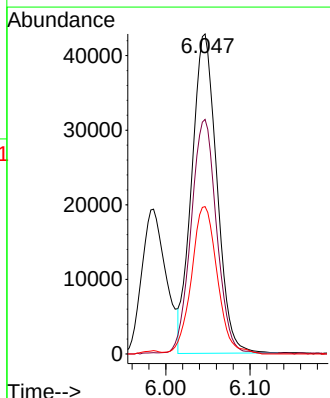
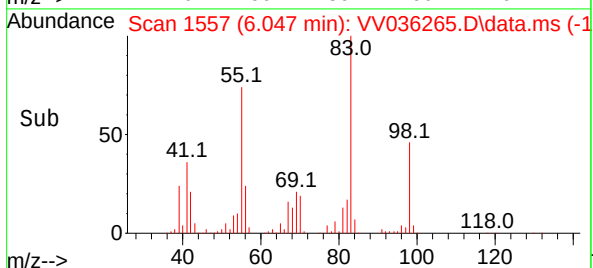
Tgt Ion: 95 Resp: 112945
Ion Ratio Lower Upper
95 100
97 65.1 44.8 83.2
132 94.9 66.8 124.2
130 98.5 70.0 130.0

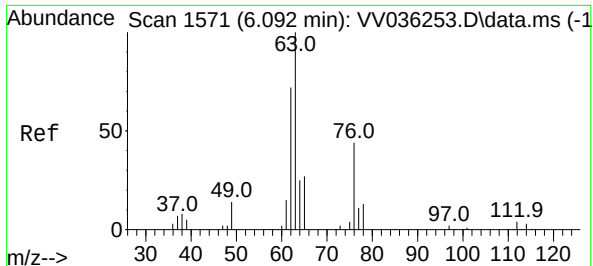


#35
Methylcyclohexane
Concen: 7.818 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VV036265.D
Acq: 25 Jun 2024 00:04



Tgt Ion: 83 Resp: 88727
Ion Ratio Lower Upper
83 100
55 74.3 60.7 91.1
98 47.6 38.7 58.1

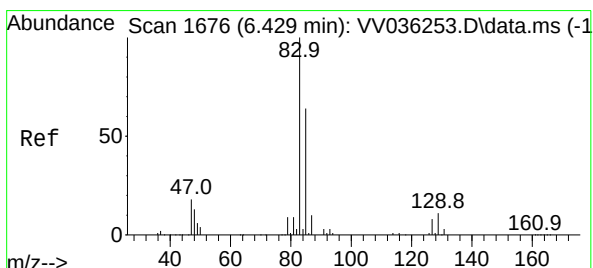
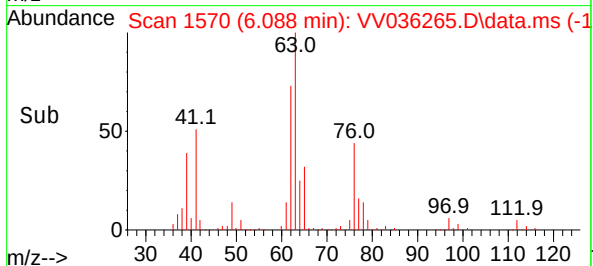
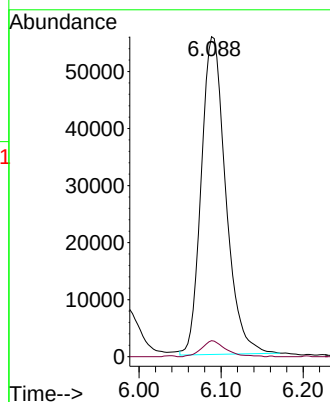
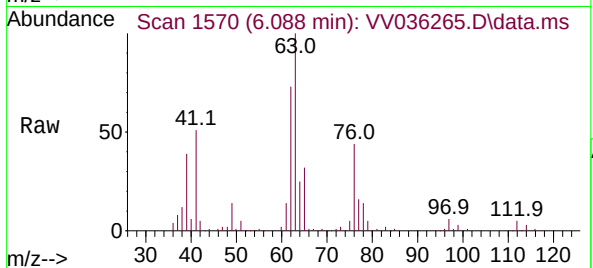




#37
1,2-Dichloropropane
Concen: 16.424 ug/L
RT: 6.088 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV036265.D
Acq: 25 Jun 2024 00:04

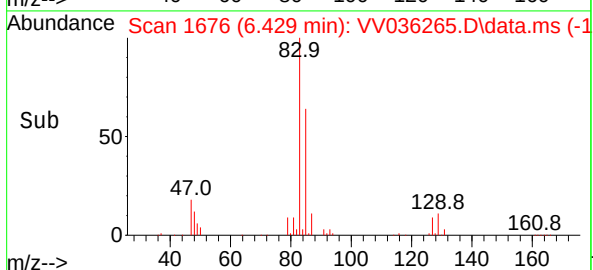
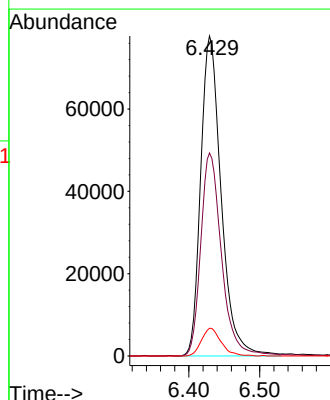
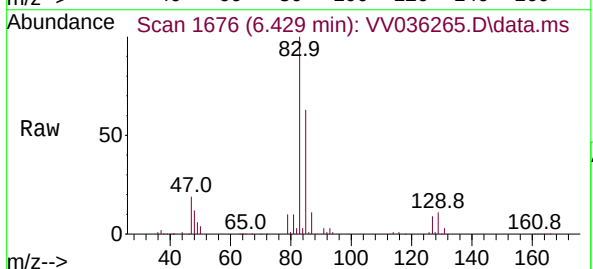
Instrument :
MSVOA_V
ClientSampleId :

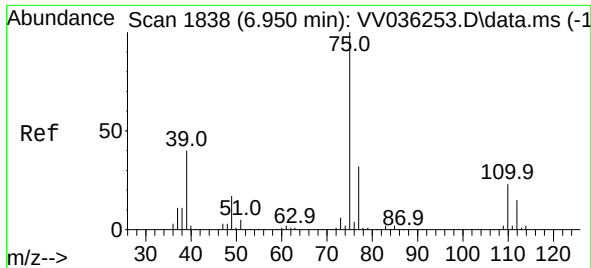
Tgt Ion: 63 Resp: 115476
Ion Ratio Lower Upper
63 100
112 5.0 3.5 5.3



#38
Bromodichloromethane
Concen: 16.795 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VV036265.D
Acq: 25 Jun 2024 00:04

Tgt Ion: 83 Resp: 156294
Ion Ratio Lower Upper
83 100
85 63.4 45.3 84.1
127 8.7 6.7 10.1

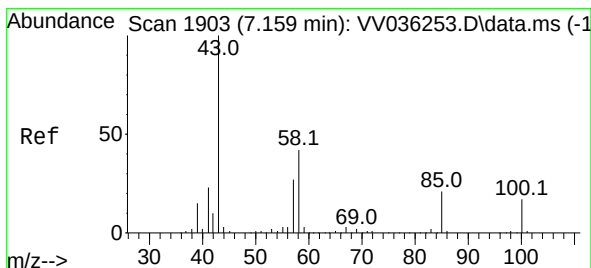
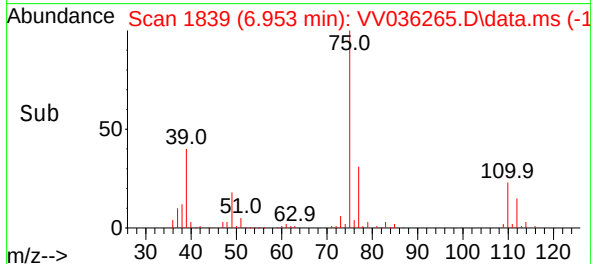
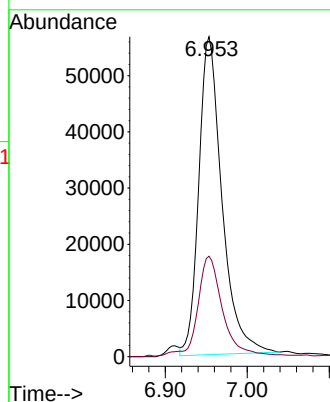
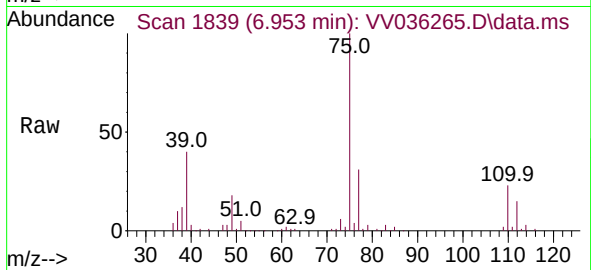




#39
 cis-1,3-Dichloropropene
 Concen: 10.552 ug/L
 RT: 6.953 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VV036265.D
 Acq: 25 Jun 2024 00:04

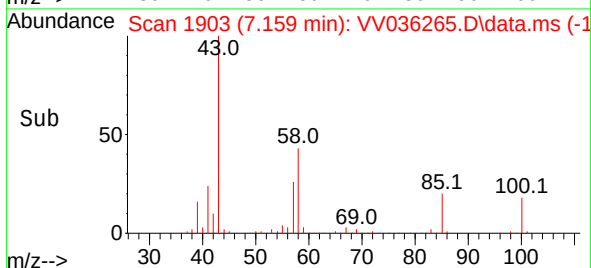
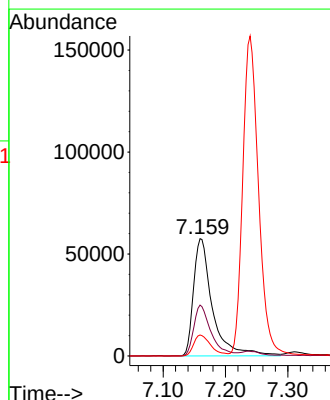
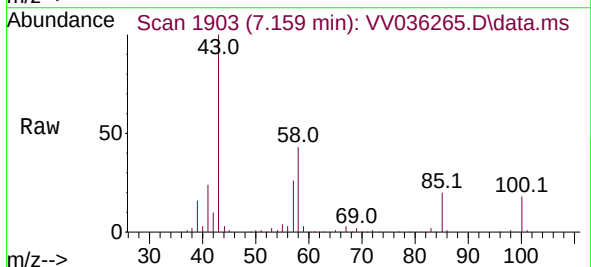
Instrument :
 MSVOA_V
 ClientSampleId :

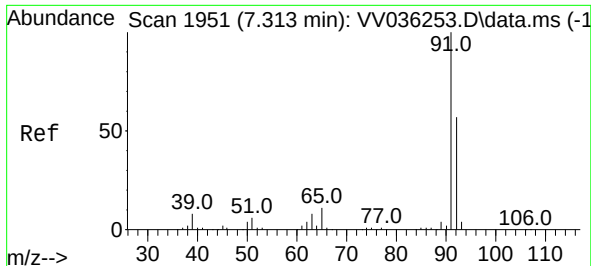
Tgt Ion: 75 Resp: 110971
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 31.651 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VV036265.D
 Acq: 25 Jun 2024 00:04

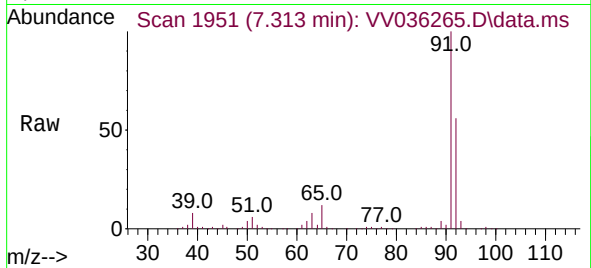
Tgt Ion: 43 Resp: 120906
 Ion Ratio Lower Upper
 43 100
 58 39.4 32.5 48.7
 100 16.3 12.5 18.7



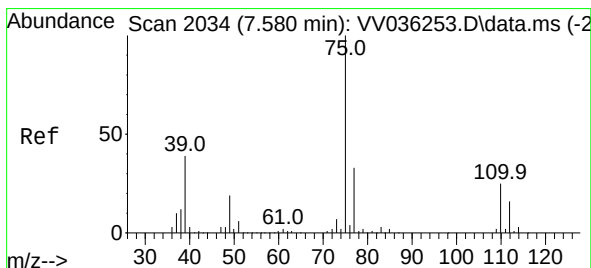
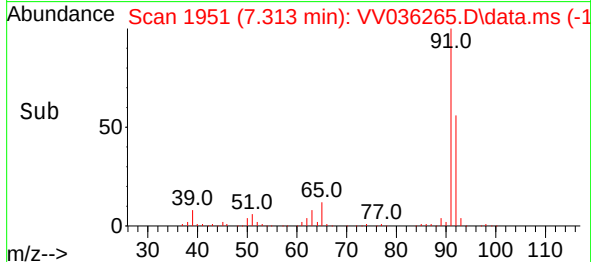
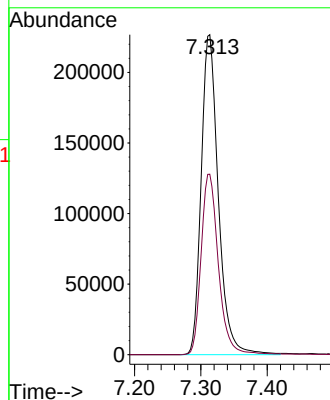


#42
Toluene
Concen: 14.877 ug/L
RT: 7.313 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VV036265.D
Acq: 25 Jun 2024 00:04

Instrument :
MSVOA_V
ClientSampleId :

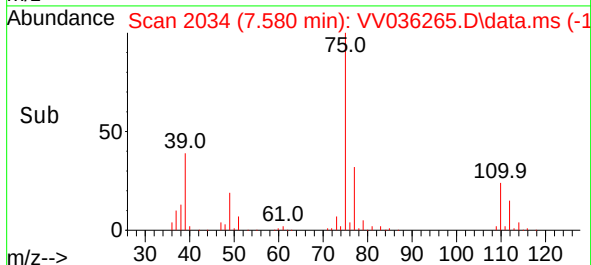
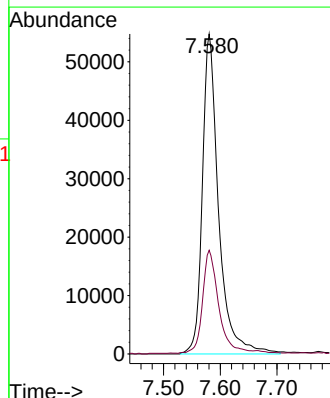
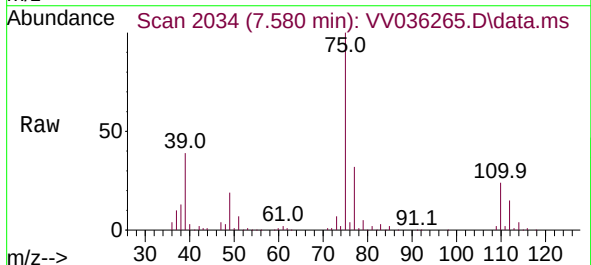


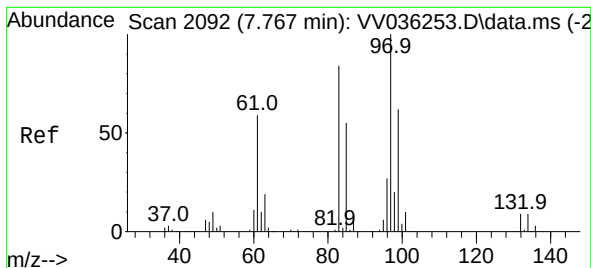
Tgt Ion: 91 Resp: 407060
Ion Ratio Lower Upper
91 100
92 56.4 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 11.994 ug/L
RT: 7.580 min Scan# 2034
Delta R.T. -0.000 min
Lab File: VV036265.D
Acq: 25 Jun 2024 00:04

Tgt Ion: 75 Resp: 108948
Ion Ratio Lower Upper
75 100
77 32.4 23.1 42.9





#45

1,1,2-Trichloroethane

Concen: 17.382 ug/L

RT: 7.767 min Scan# 2092

Delta R.T. -0.000 min

Lab File: VV036265.D

Acq: 25 Jun 2024 00:04

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 101122

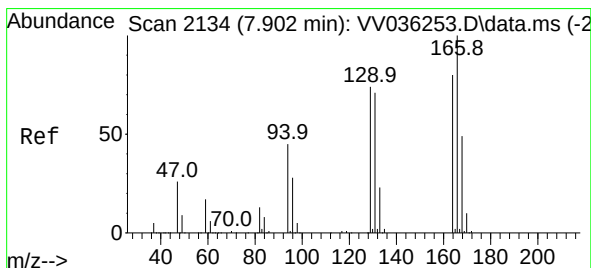
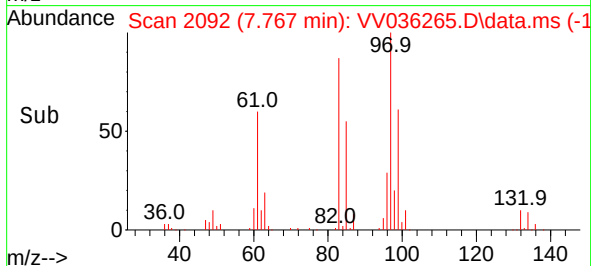
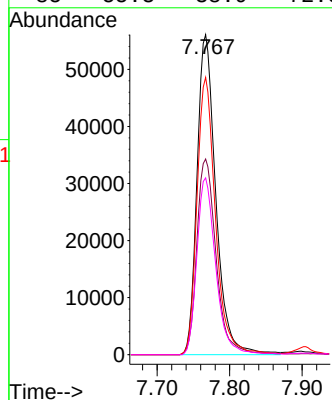
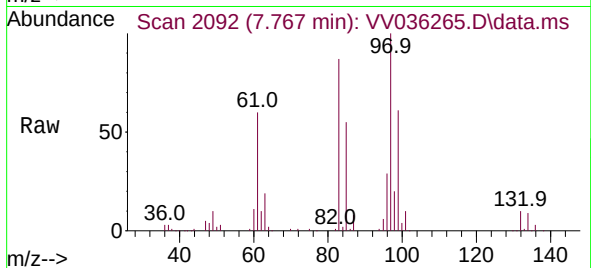
Ion Ratio Lower Upper

97 100

99 61.1 43.3 80.5

83 86.7 60.1 111.7

85 55.3 38.9 72.3



#46

Tetrachloroethene

Concen: 11.303 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. -0.000 min

Lab File: VV036265.D

Acq: 25 Jun 2024 00:04

Tgt Ion:164 Resp: 67840

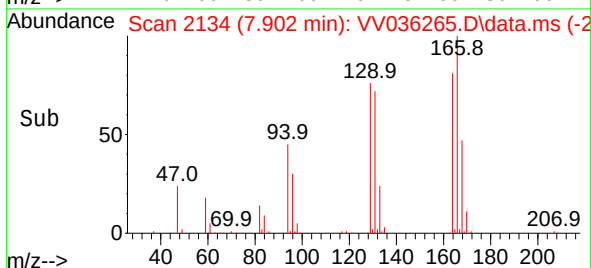
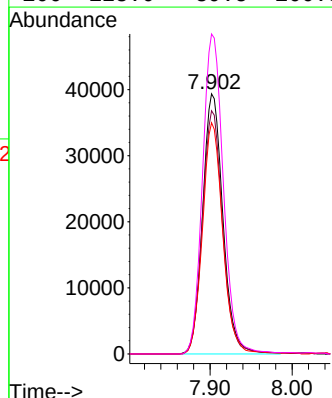
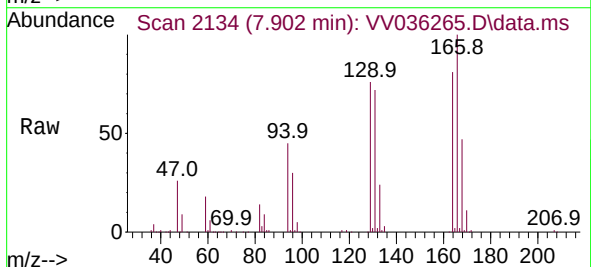
Ion Ratio Lower Upper

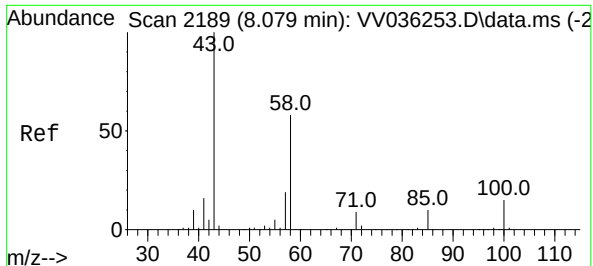
164 100

129 93.5 64.6 120.0

131 88.9 63.2 117.4

166 123.0 89.5 166.3

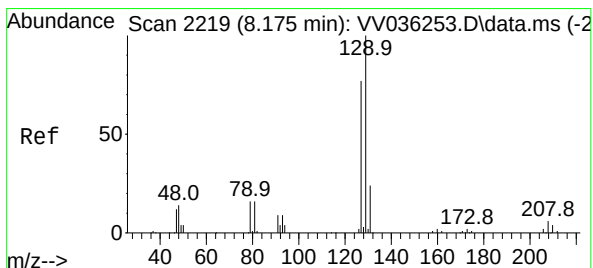
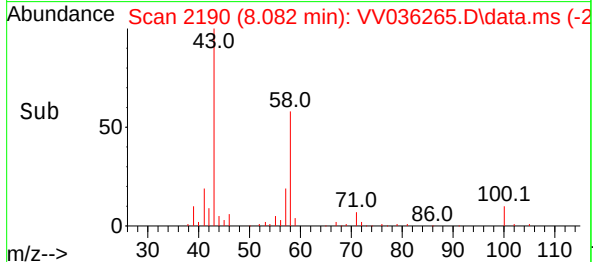
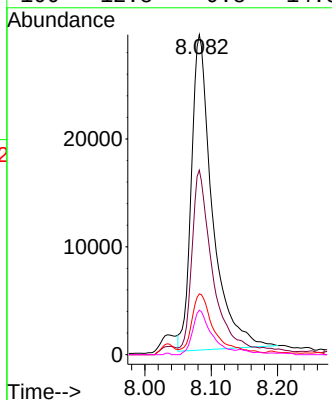
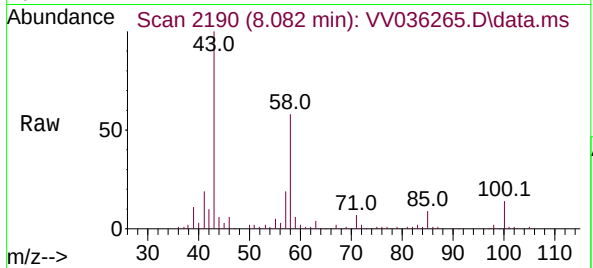




#48
2-Hexanone
Concen: 21.557 ug/L
RT: 8.082 min Scan# 2189
Delta R.T. 0.003 min
Lab File: VV036265.D
Acq: 25 Jun 2024 00:04

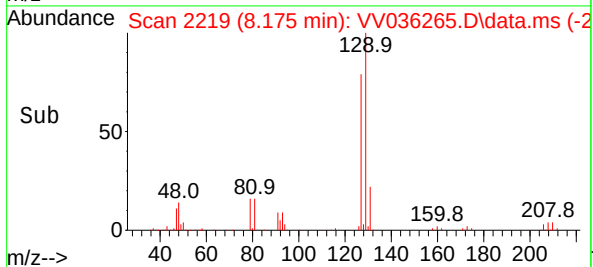
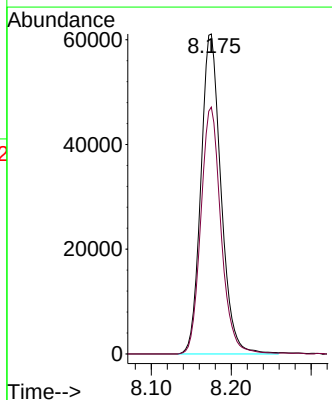
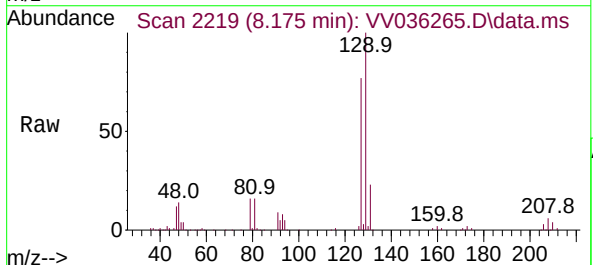
Instrument :
MSVOA_V
ClientSampleId :

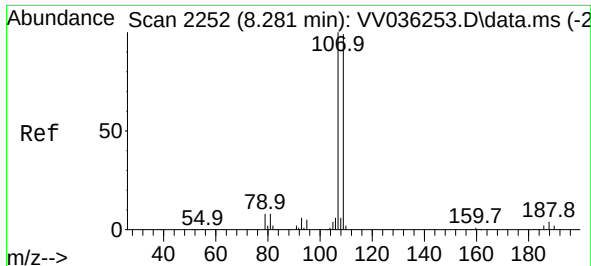
Tgt Ion: 43	Resp: 64377
Ion Ratio	Lower Upper
43 100	
58 54.4	45.4 68.0
57 18.4	15.8 23.8
100 12.8	9.8 14.8



#49
Dibromochloromethane
Concen: 16.787 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV036265.D
Acq: 25 Jun 2024 00:04

Tgt	Ion:129	Resp:	106882
Ion	Ratio	Lower	Upper
129	100		
127	77.2	53.9	100.1

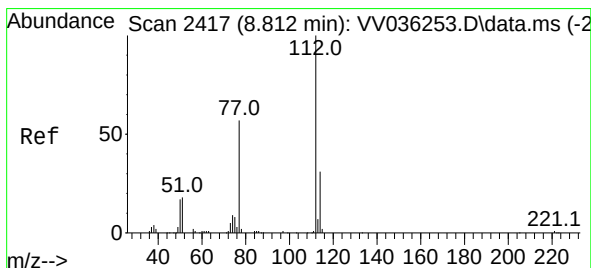
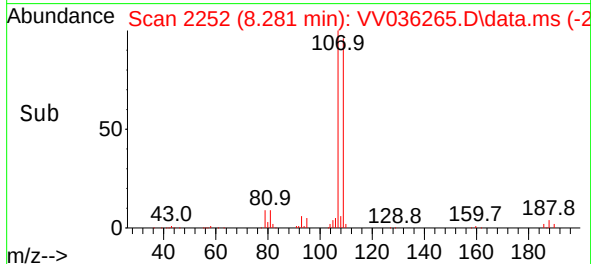
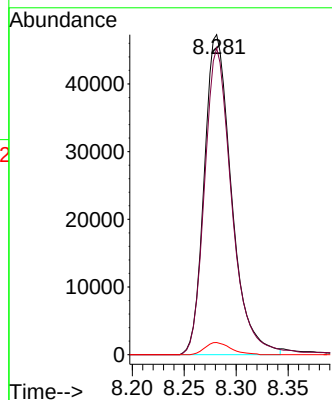
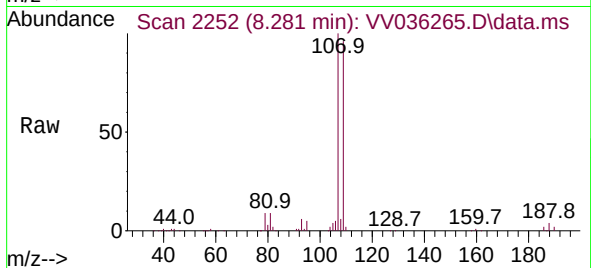




#50
1,2-Dibromoethane
Concen: 15.470 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036265.D
Acq: 25 Jun 2024 00:04

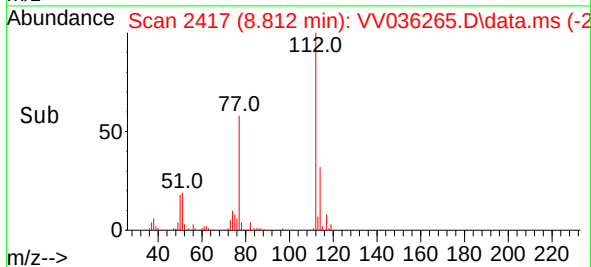
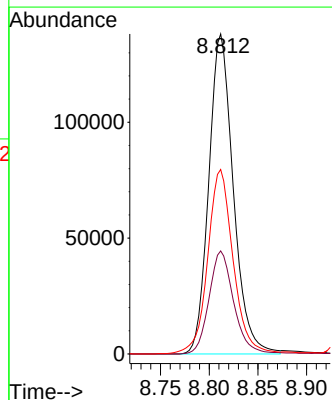
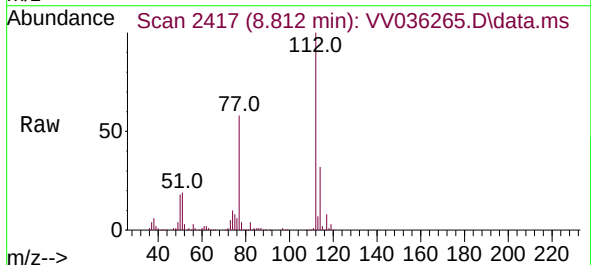
Instrument :
MSVOA_V
ClientSampleId :

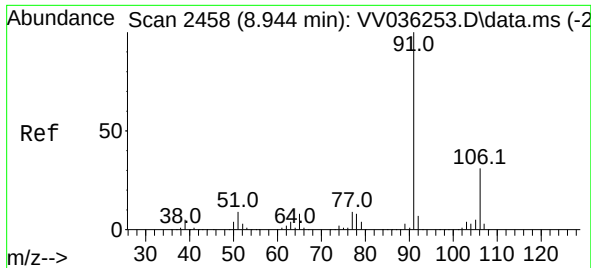
Tgt Ion:107 Resp: 86354
Ion Ratio Lower Upper
107 100
109 95.8 66.1 122.7
188 3.8 3.0 4.6



#51
Chlorobenzene
Concen: 13.005 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV036265.D
Acq: 25 Jun 2024 00:04

Tgt Ion:112 Resp: 242438
Ion Ratio Lower Upper
112 100
114 32.2 22.3 41.5
77 57.7 47.3 70.9

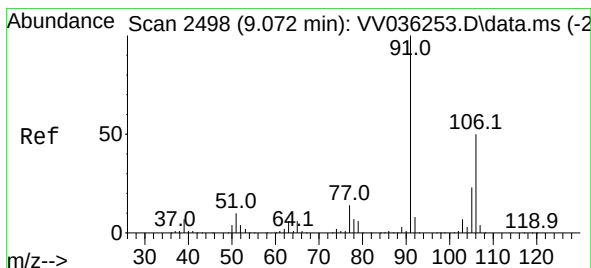
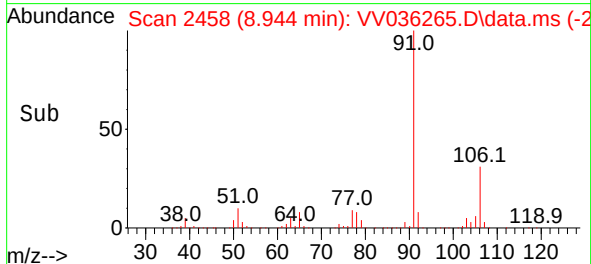
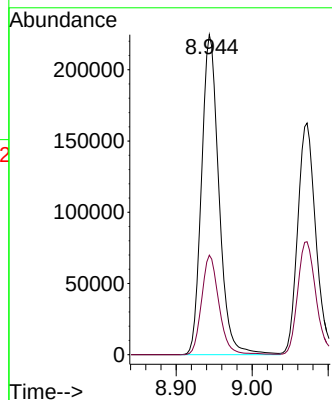
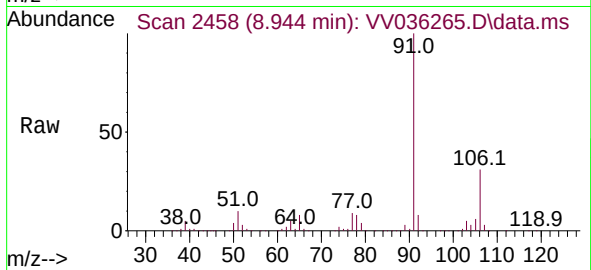




#52
Ethylbenzene
Concen: 12.203 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV036265.D
Acq: 25 Jun 2024 00:04

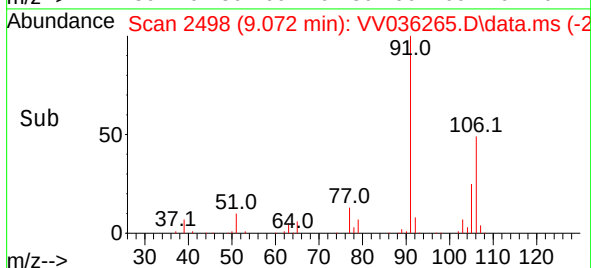
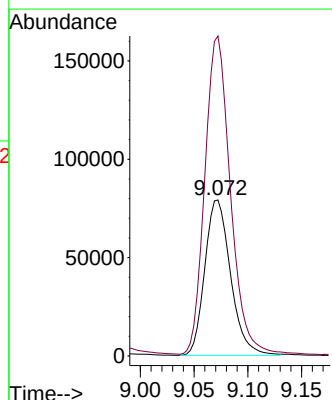
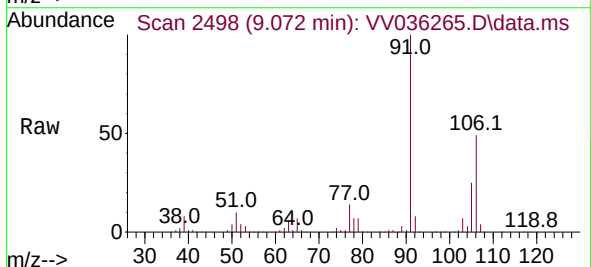
Instrument :
MSVOA_V
ClientSampleId :

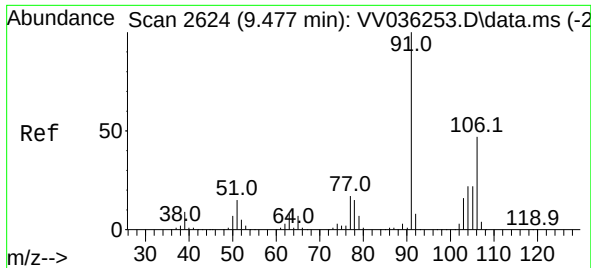
Tgt Ion: 91 Resp: 357211
Ion Ratio Lower Upper
91 100
106 31.1 21.6 40.0



#53
m,p-Xylene
Concen: 12.009 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV036265.D
Acq: 25 Jun 2024 00:04

Tgt Ion: 106 Resp: 132090
Ion Ratio Lower Upper
106 100
91 205.2 143.1 265.9

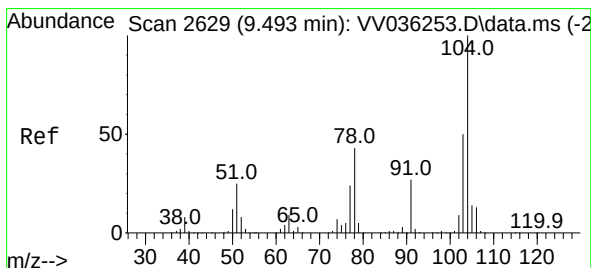
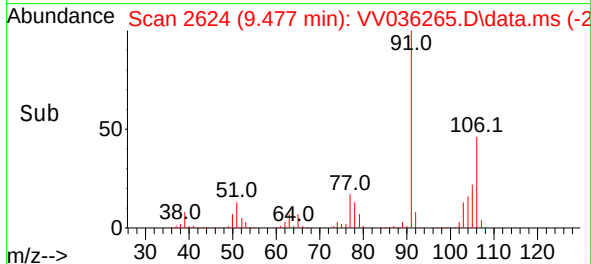
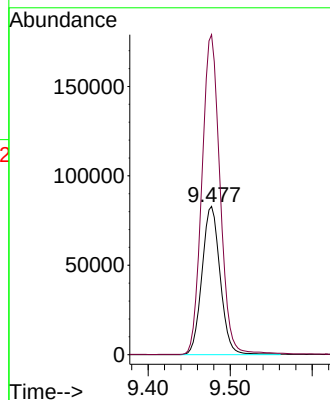
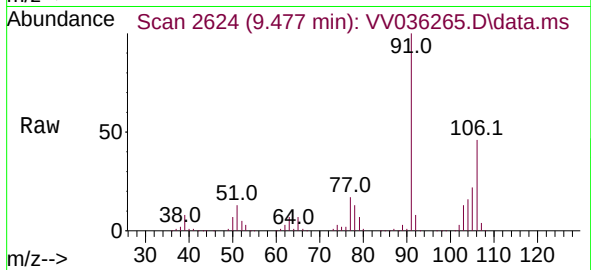




#54
o-Xylene
Concen: 12.312 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV036265.D
Acq: 25 Jun 2024 00:04

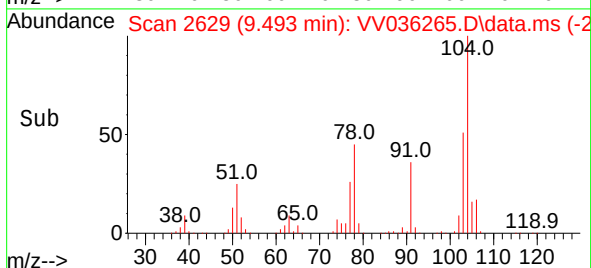
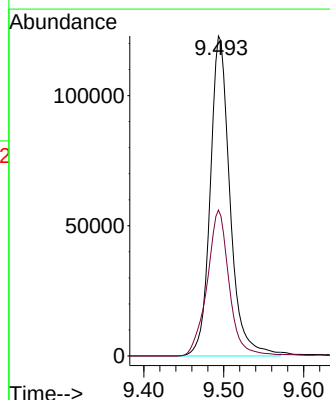
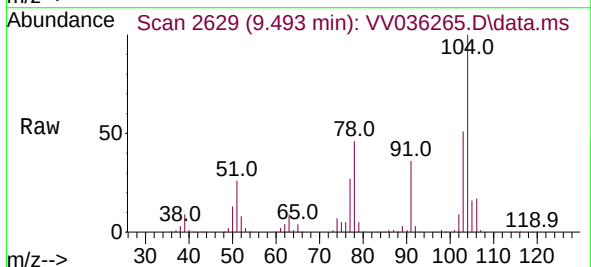
Instrument :
MSVOA_V
ClientSampleId :

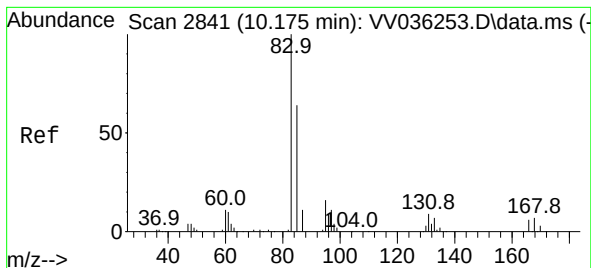
Tgt Ion:106 Resp: 127713
Ion Ratio Lower Upper
106 100
91 215.8 154.5 286.9



#55
Styrene
Concen: 11.553 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV036265.D
Acq: 25 Jun 2024 00:04

Tgt Ion:104 Resp: 211329
Ion Ratio Lower Upper
104 100
78 45.6 31.4 58.2





#57

1,1,2,2-Tetrachloroethane

Concen: 17.966 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. 0.000 min

Lab File: VV036265.D

Acq: 25 Jun 2024 00:04

Instrument :

MSVOA_V

ClientSampleId :

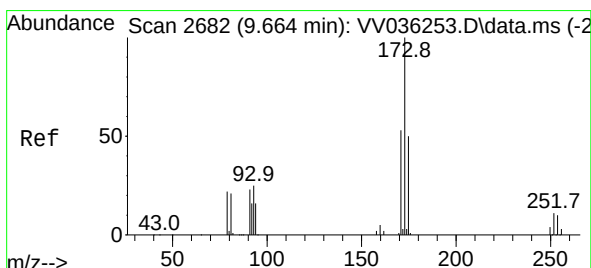
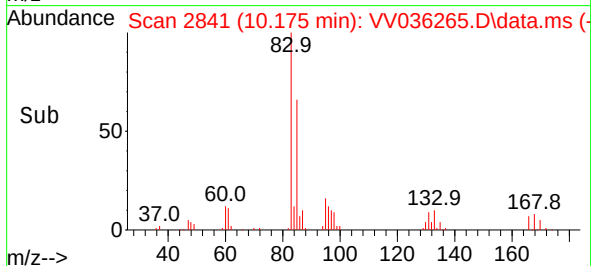
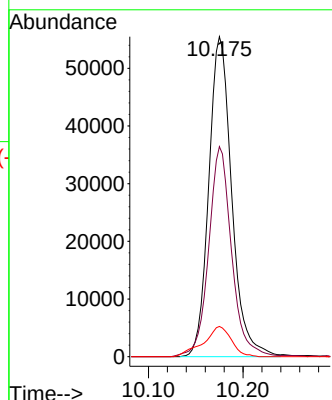
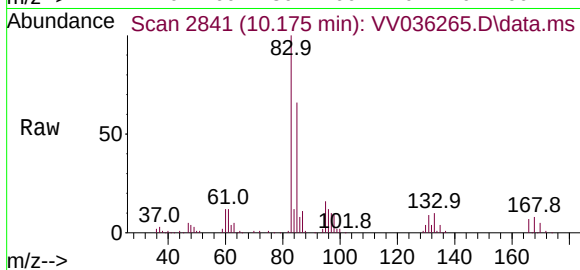
Tgt Ion: 83 Resp: 93588

Ion Ratio Lower Upper

83 100

85 65.7 45.1 83.7

131 9.5 7.6 11.4



#59

Bromoform

Concen: 22.712 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. 0.000 min

Lab File: VV036265.D

Acq: 25 Jun 2024 00:04

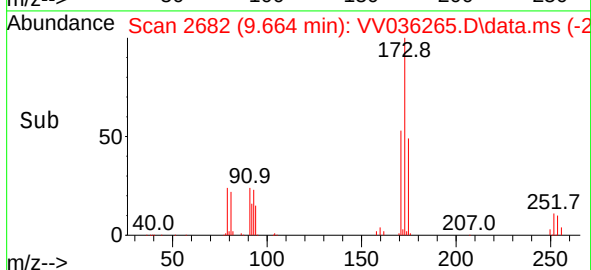
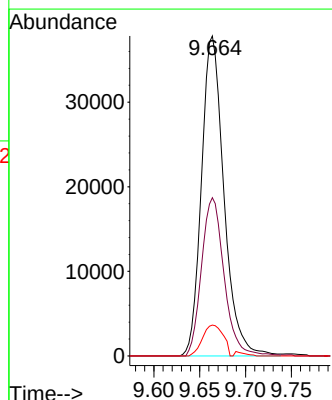
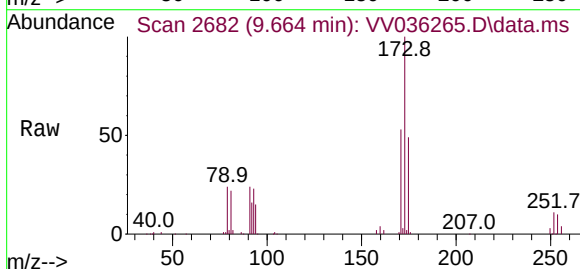
Tgt Ion: 173 Resp: 64640

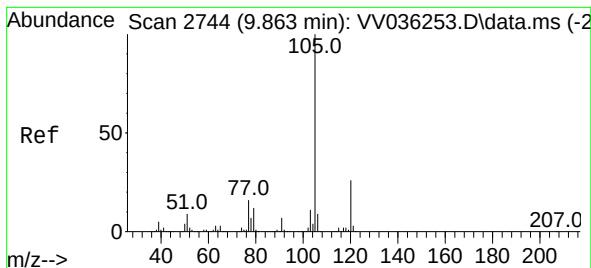
Ion Ratio Lower Upper

173 100

175 49.3 39.0 58.6

254 8.8 8.6 13.0





#60

Isopropylbenzene

Concen: 14.670 ug/L

RT: 9.866 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV036265.D

Acq: 25 Jun 2024 00:04

Instrument :

MSVOA_V

ClientSampleId :

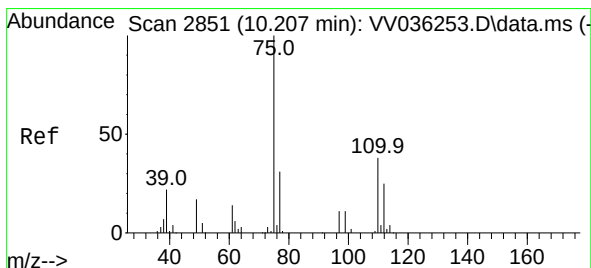
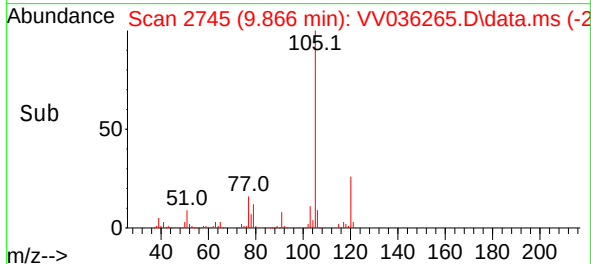
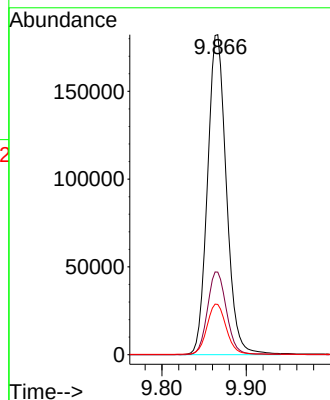
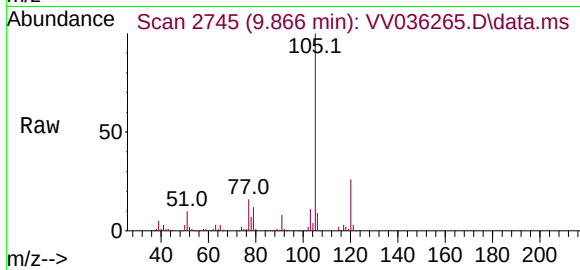
Tgt Ion:105 Resp: 284035

Ion Ratio Lower Upper

105 100

120 26.2 21.0 31.6

77 16.1 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 24.688 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. 0.000 min

Lab File: VV036265.D

Acq: 25 Jun 2024 00:04

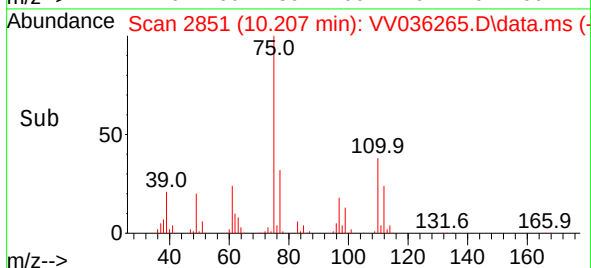
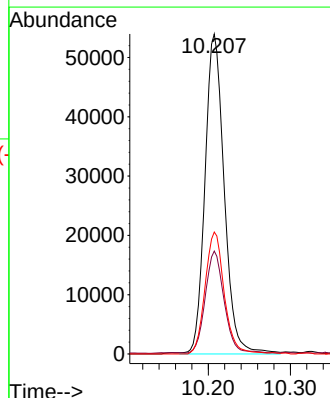
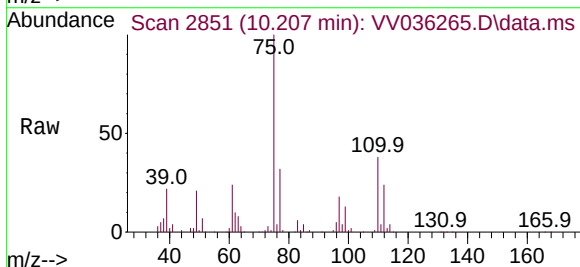
Tgt Ion: 75 Resp: 88119

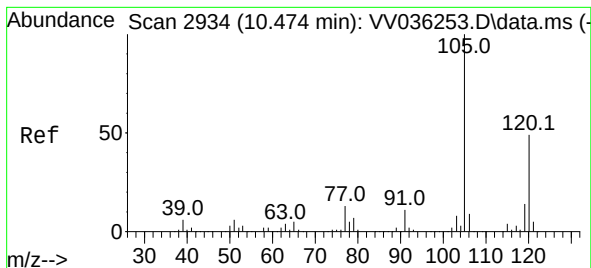
Ion Ratio Lower Upper

75 100

77 30.9 26.0 39.0

110 37.8 32.2 48.4





#62

1,3,5-Trimethylbenzene

Concen: 12.269 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV036265.D

Acq: 25 Jun 2024 00:04

Instrument :

MSVOA_V

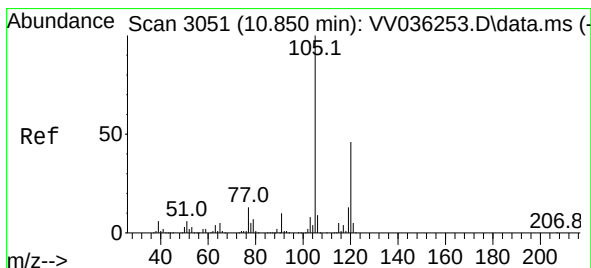
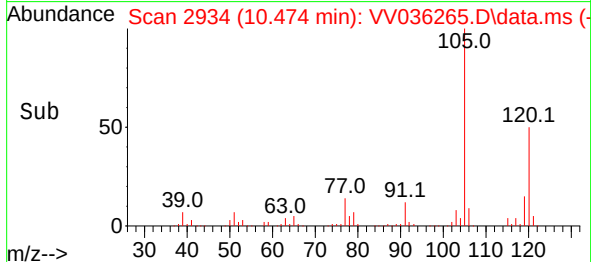
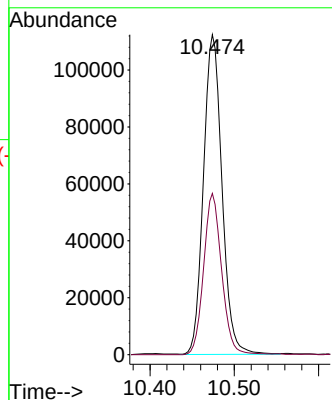
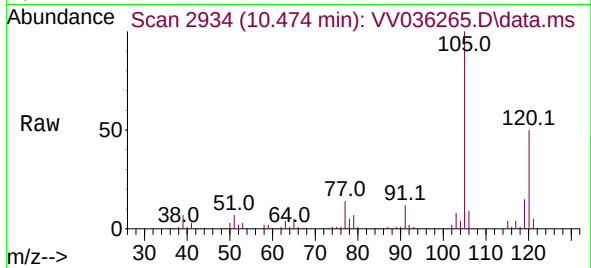
ClientSampleId :

Tgt Ion:105 Resp: 172246

Ion Ratio Lower Upper

105 100

120 49.0 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 12.699 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV036265.D

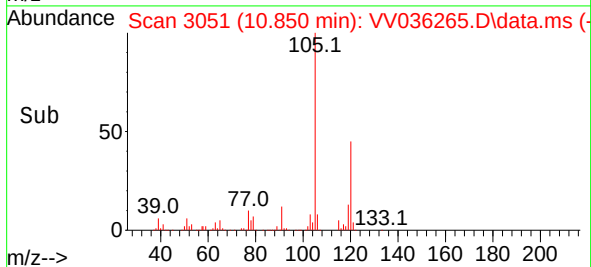
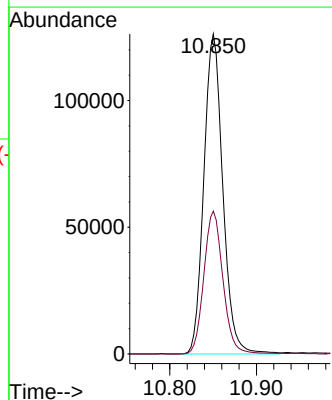
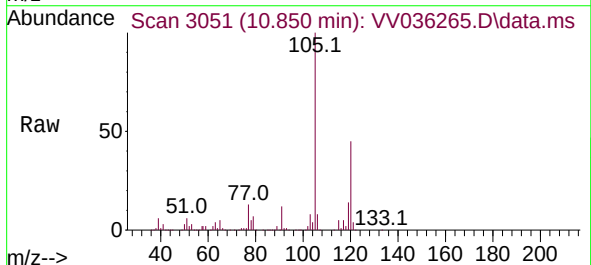
Acq: 25 Jun 2024 00:04

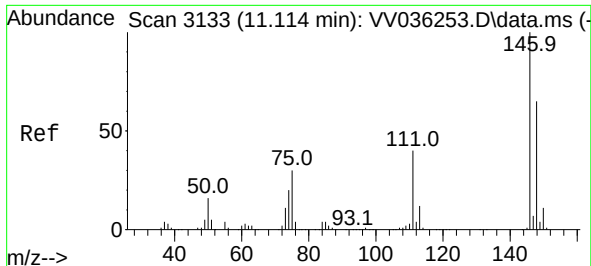
Tgt Ion:105 Resp: 192092

Ion Ratio Lower Upper

105 100

120 45.0 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 12.850 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV036265.D

Acq: 25 Jun 2024 00:04

Instrument :

MSVOA_V

ClientSampleId :

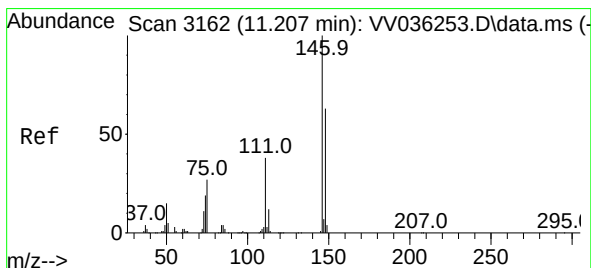
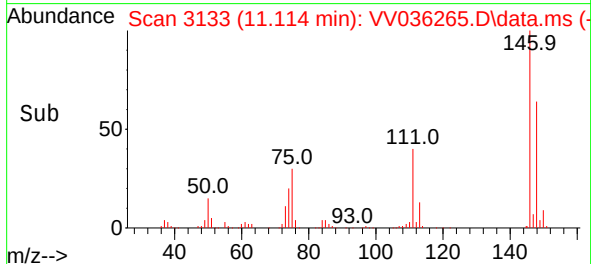
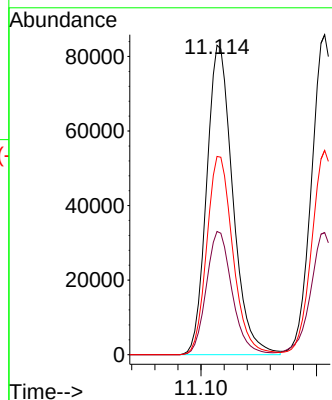
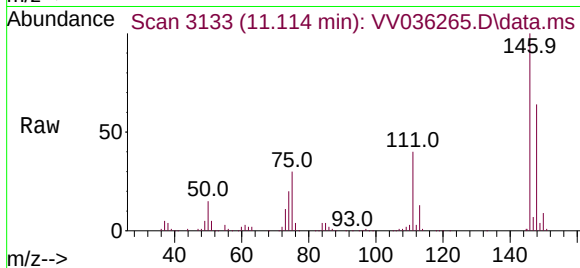
Tgt Ion:146 Resp: 130653

Ion Ratio Lower Upper

146 100

111 39.8 28.1 52.1

148 64.1 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 13.340 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV036265.D

Acq: 25 Jun 2024 00:04

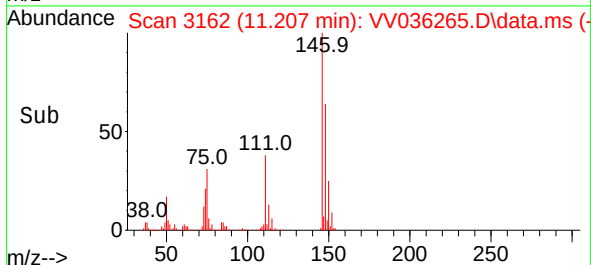
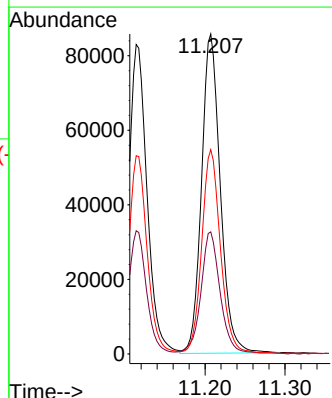
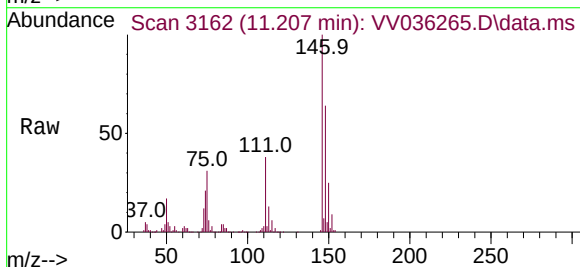
Tgt Ion:146 Resp: 140005

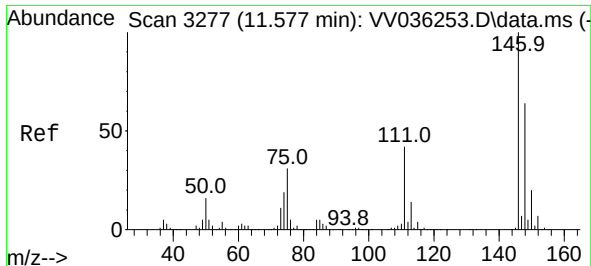
Ion Ratio Lower Upper

146 100

111 38.2 26.9 50.1

148 63.9 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 13.414 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VV036265.D

Acq: 25 Jun 2024 00:04

Instrument :

MSVOA_V

ClientSampleId :

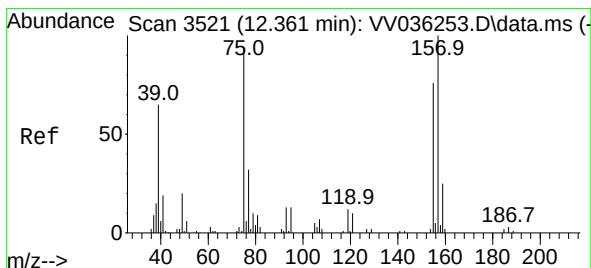
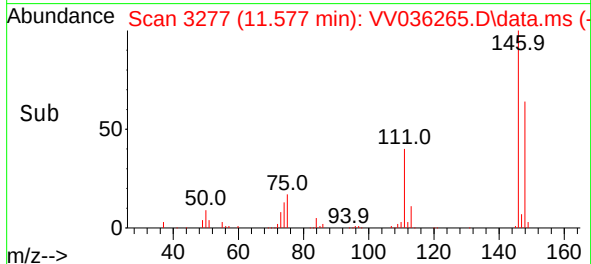
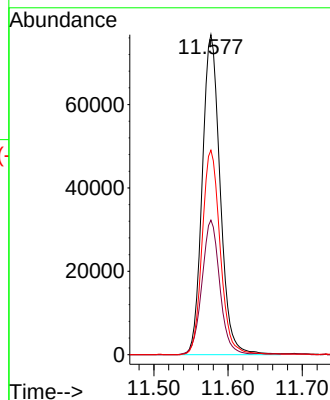
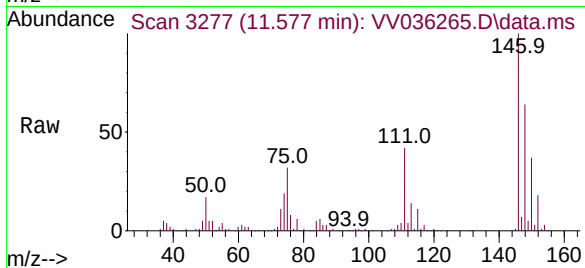
Tgt Ion:146 Resp: 128347

Ion Ratio Lower Upper

146 100

111 42.1 33.5 50.3

148 63.9 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 21.654 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV036265.D

Acq: 25 Jun 2024 00:04

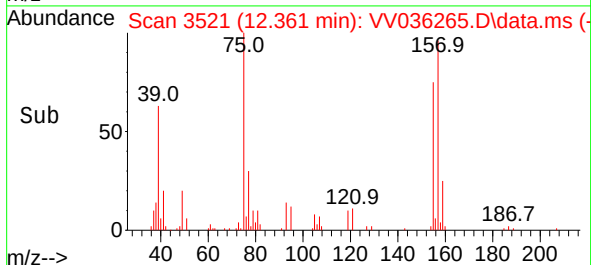
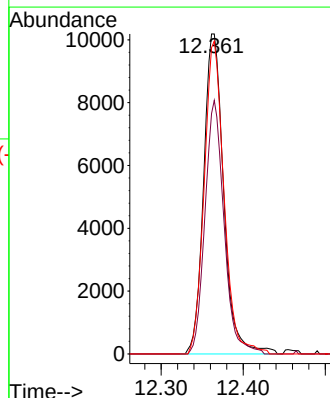
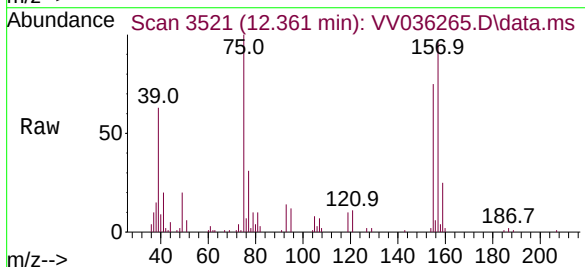
Tgt Ion: 75 Resp: 17283

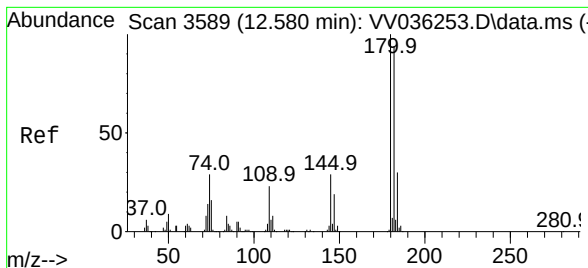
Ion Ratio Lower Upper

75 100

155 75.2 63.3 94.9

157 95.7 82.4 123.6





#69

1,3,5-Trichlorobenzene

Concen: 6.766 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

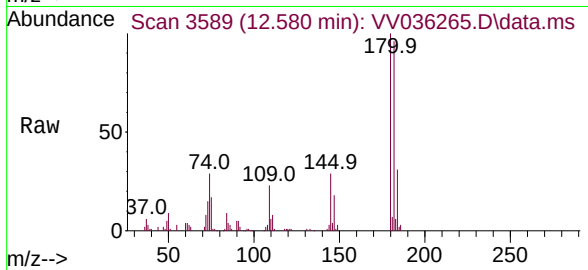
Lab File: VV036265.D

Acq: 25 Jun 2024 00:04

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 51462

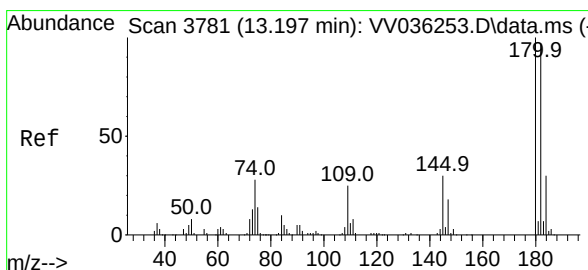
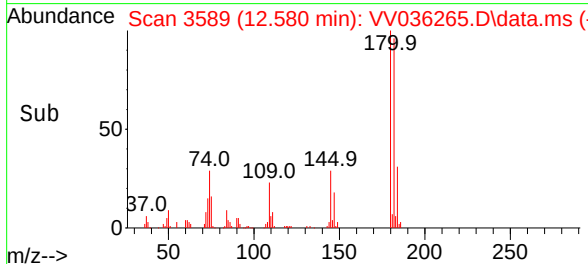
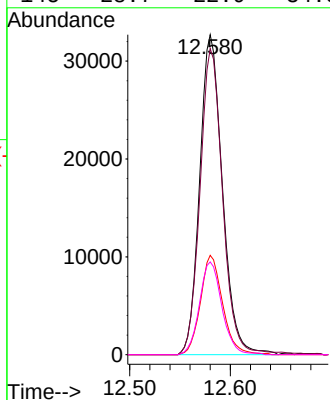
Ion Ratio Lower Upper

180 100

182 94.6 76.2 114.4

184 30.2 24.2 36.2

145 28.7 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 5.887 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV036265.D

Acq: 25 Jun 2024 00:04

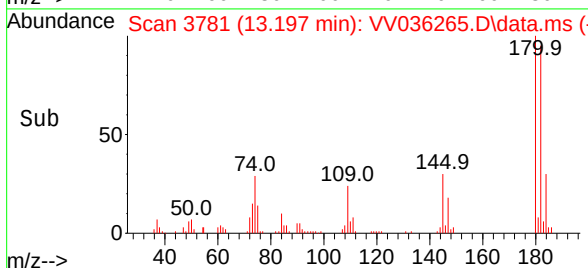
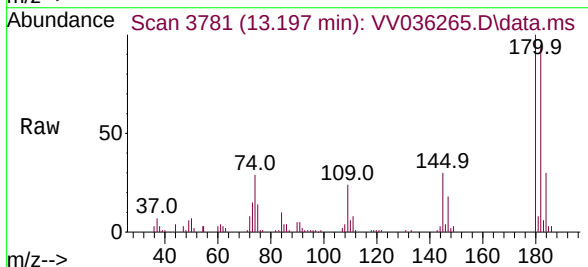
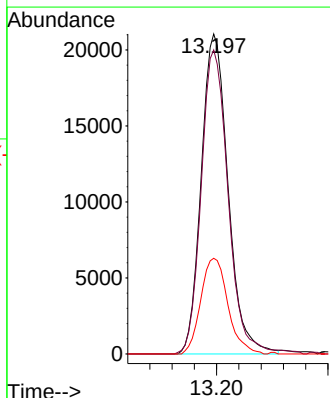
Tgt Ion:180 Resp: 35255

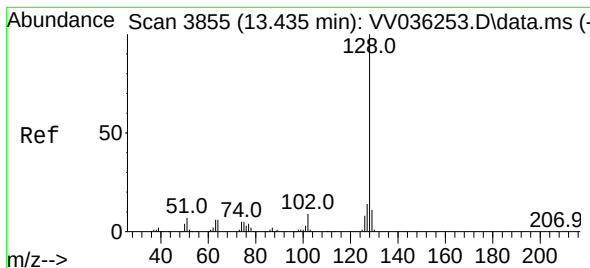
Ion Ratio Lower Upper

180 100

182 95.6 76.1 114.1

145 30.2 23.5 35.3





#71

Naphthalene

Concen: 8.919 ug/L

RT: 13.439 min Scan# 3855

Delta R.T. 0.003 min

Lab File: VV036265.D

Acq: 25 Jun 2024 00:04

Instrument :

MSVOA_V

ClientSampleId :

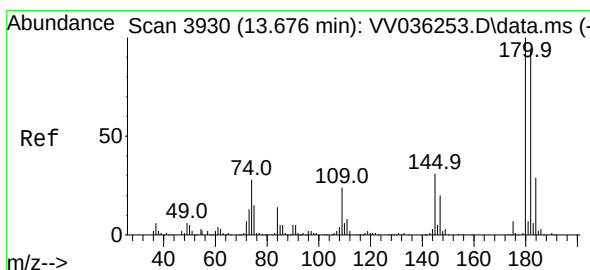
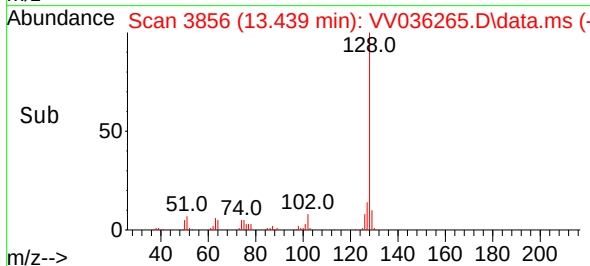
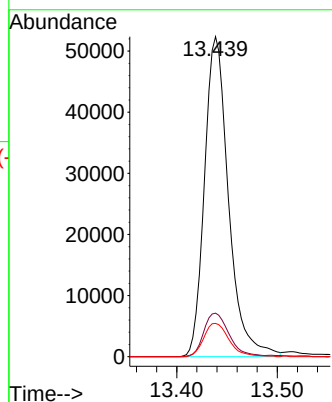
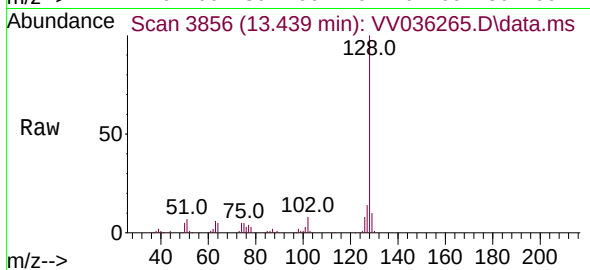
Tgt Ion:128 Resp: 87171

Ion Ratio Lower Upper

128 100

127 14.3 10.6 16.0

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 5.834 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV036265.D

Acq: 25 Jun 2024 00:04

Tgt Ion:180 Resp: 31883

Ion Ratio Lower Upper

180 100

182 95.1 75.1 112.7

145 30.4 25.2 37.8

