

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061124\
 Data File : VW036029.D
 Acq On : 11 Jun 2024 11:02
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 12 02:00:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 11 05:03:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	325360	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	306143	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	150774	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	128247	21.440	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.760%
7) Chloroethane-d5	1.529	69	109957	23.054	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.056	65	57161	21.465	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.880%
21) 2-Butanone-d5	3.802	46	50085	36.494	ug/L	-0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.980%
24) Chloroform-d	4.243	84	226992	21.944	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.760%
26) 1,2-Dichloroethane-d4	4.937	65	107123	19.752	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.000%
32) Benzene-d6	4.953	84	445728	24.493	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.960%
36) 1,2-Dichloropropane-d6	5.982	67	129952	22.676	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.720%
41) Toluene-d8	7.239	98	391252	24.367	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.480%
43) trans-1,3-Dichloroprop...	7.551	79	50387	21.444	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.760%
47) 2-Hexanone-d5	8.027	63	36202	46.626	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.260%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	94192	21.995	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	11.557	152	126766	22.927	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	121067	20.637	ug/L	100
3) Chloromethane	1.214	50	147371	21.889	ug/L	99
5) Vinyl chloride	1.281	62	165390	23.334	ug/L	100
6) Bromomethane	1.484	94	96364	21.916	ug/L	99
8) Chloroethane	1.545	64	105690	23.990	ug/L	99
9) Trichlorofluoromethane	1.709	101	210962	23.967	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	136002	24.346	ug/L	99
12) 1,1-Dichloroethene	2.066	96	121923	23.401	ug/L	97
14) Carbon disulfide	2.236	76	394367	21.797	ug/L	100
15) Methyl Acetate	2.375	43	50563	19.028	ug/L	98
16) Methylene chloride	2.442	84	134395	18.255	ug/L	96
17) trans-1,2-Dichloroethene	2.690	96	123868	22.381	ug/L	99
18) Methyl tert-butyl Ether	2.699	73	251233	20.220	ug/L	98
19) 1,1-Dichloroethane	3.104	63	237425	22.526	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	123427	22.194	ug/L	98
23) Bromochloromethane	4.143	128	56214	20.151	ug/L	95
25) Chloroform	4.268	83	237713	21.925	ug/L	100
27) 1,2-Dichloroethane	5.037	62	136414	20.153	ug/L	98
29) Cyclohexane	4.574	56	196956	27.021	ug/L	99

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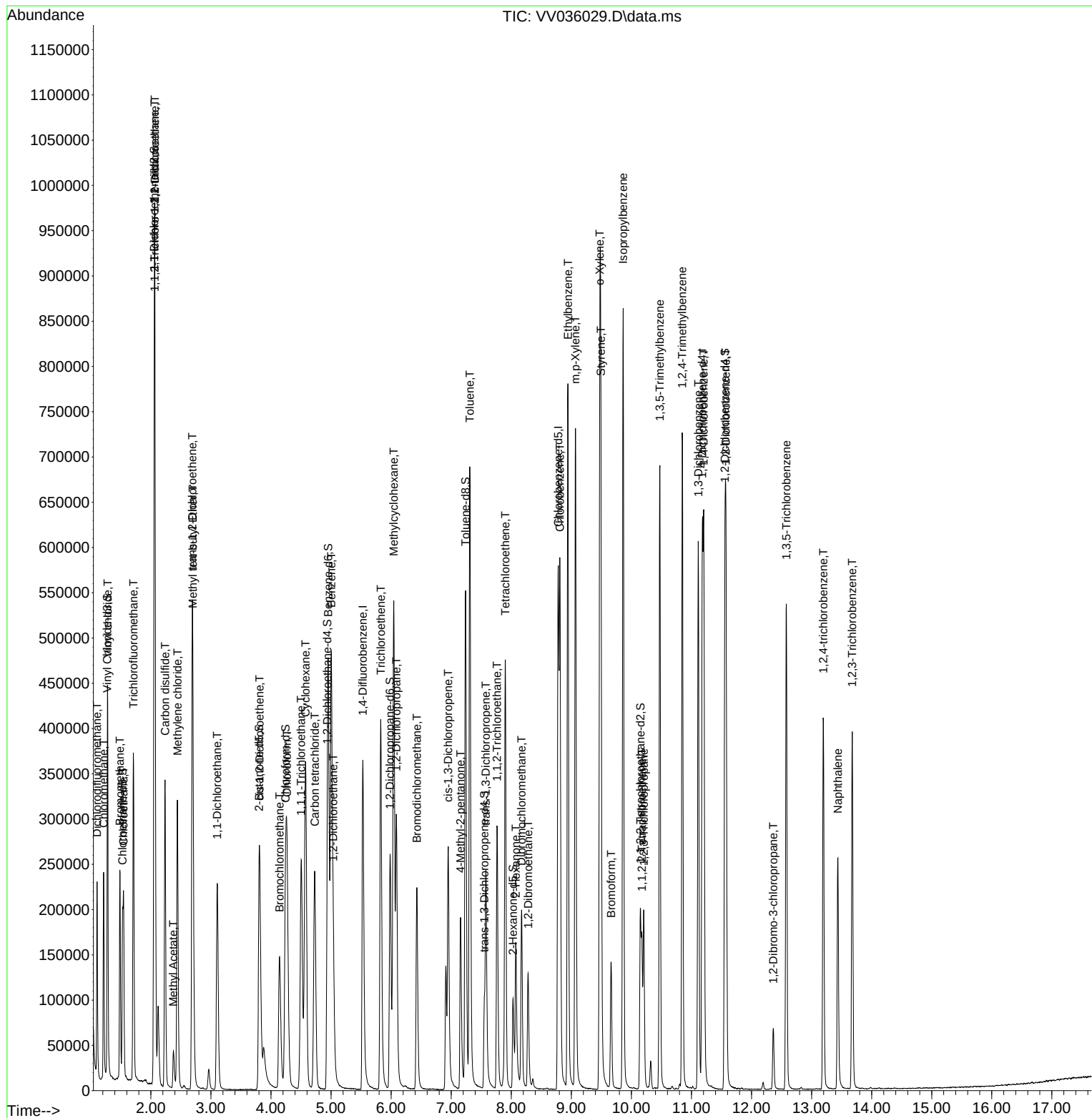
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	4.503	97	212921	25.440	ug/L	99
31) Carbon tetrachloride	4.728	117	188972	25.737	ug/L	100
33) Benzene	5.005	78	498289	24.886	ug/L	100
34) Trichloroethene	5.828	95	148505	24.200	ug/L	99
35) Methylcyclohexane	6.043	83	222471	26.215	ug/L	99
37) 1,2-Dichloropropane	6.088	63	127864	24.320	ug/L	100
38) Bromodichloromethane	6.429	83	157465	22.628	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	175534	22.322	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	127988	44.807	ug/L	99
42) Toluene	7.310	91	520874	25.459	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	151527	22.309	ug/L	98
45) 1,1,2-Trichloroethane	7.763	97	94499	21.723	ug/L	99
46) Tetrachloroethene	7.902	164	110088	24.529	ug/L	97
48) 2-Hexanone	8.075	43	106767	47.811	ug/L	99
49) Dibromochloromethane	8.172	129	102791	21.590	ug/L	100
50) 1,2-Dibromoethane	8.281	107	88805	21.275	ug/L	99
51) Chlorobenzene	8.812	112	321901	23.092	ug/L	99
52) Ethylbenzene	8.943	91	544652	24.882	ug/L	98
53) m,p-Xylene	9.069	106	202868	24.665	ug/L	97
54) o-Xylene	9.474	106	185090	23.863	ug/L	97
55) Styrene	9.493	104	329086	24.059	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	84488	21.690	ug/L	99
59) Bromoform	9.664	173	63926	22.482	ug/L	99
60) Isopropylbenzene	9.863	105	538471	27.837	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	81974	22.988	ug/L	96
62) 1,3,5-Trimethylbenzene	10.474	105	362841	25.868	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	384191	25.422	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	246154	24.232	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	243168	23.192	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	220143	23.029	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	18327	22.984	ug/L	100
69) 1,3,5-Trichlorobenzene	12.580	180	167506	22.044	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	129677	21.674	ug/L	99
71) Naphthalene	13.438	128	210530	21.562	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	119283	21.848	ug/L	98

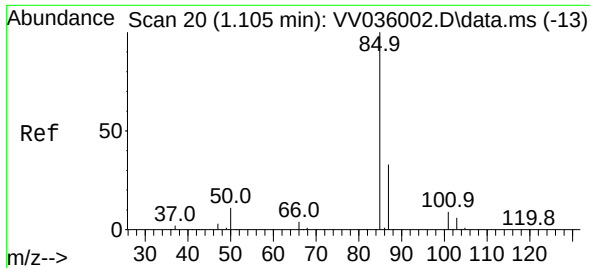
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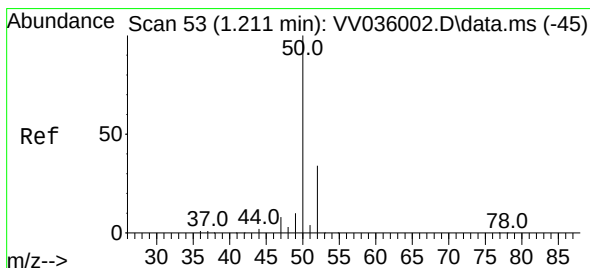
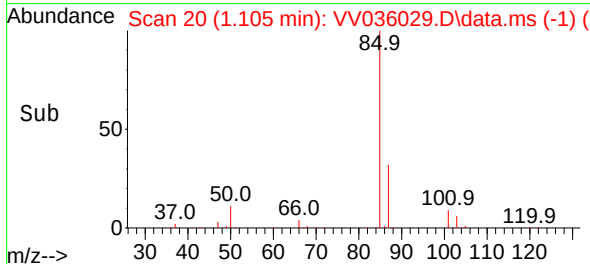
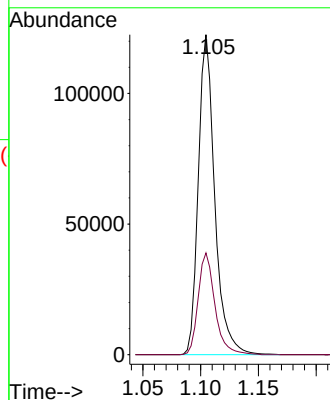
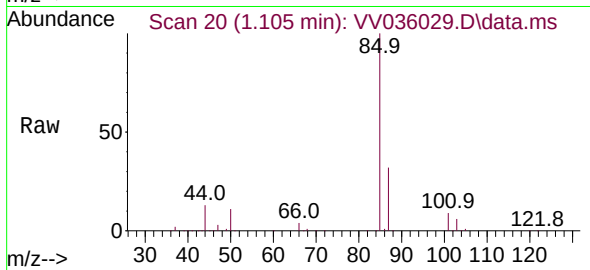




#2
 Dichlorodifluoromethane
 Concen: 20.637 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VV036029.D
 Acq: 11 Jun 2024 11:02

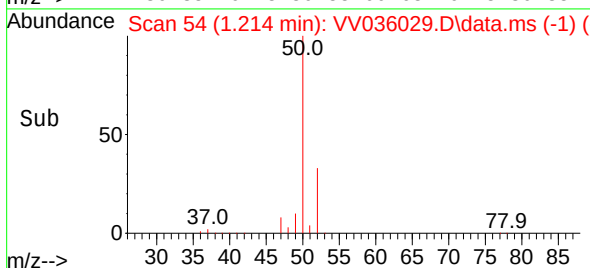
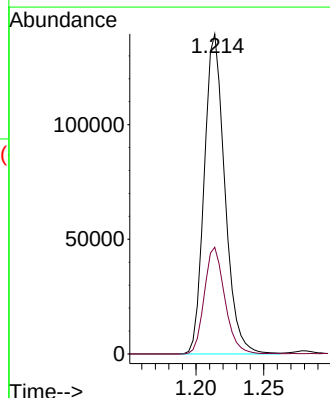
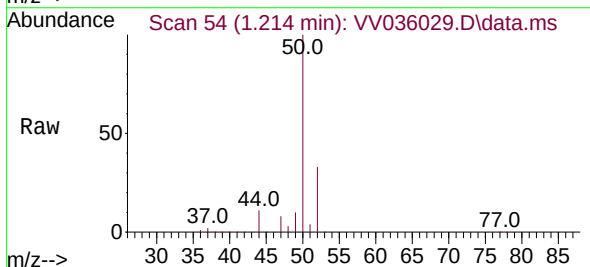
Instrument :
 MSVOA_V
 ClientSampleId :

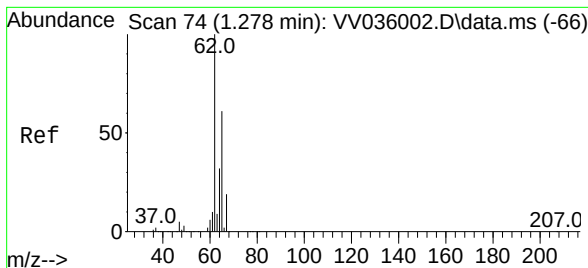
Tgt Ion: 85 Resp: 121067
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.9 38.9



#3
 Chloromethane
 Concen: 21.889 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.003 min
 Lab File: VV036029.D
 Acq: 11 Jun 2024 11:02

Tgt Ion: 50 Resp: 147371
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.8 42.4





#5

Vinyl chloride

Concen: 23.334 ug/L

RT: 1.281 min Scan# 74

Delta R.T. 0.003 min

Lab File: VV036029.D

Acq: 11 Jun 2024 11:02

Instrument :

MSVOA_V

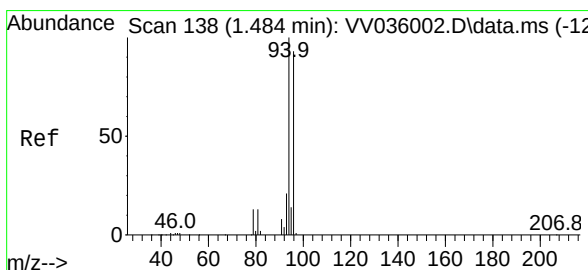
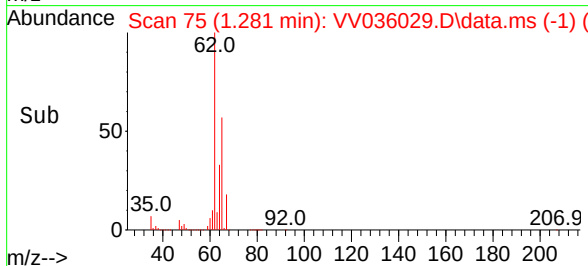
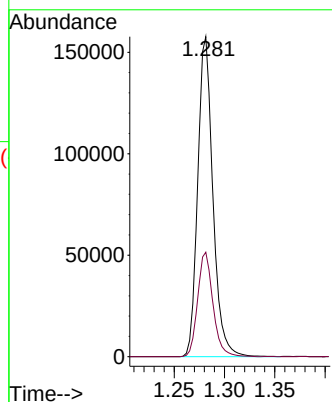
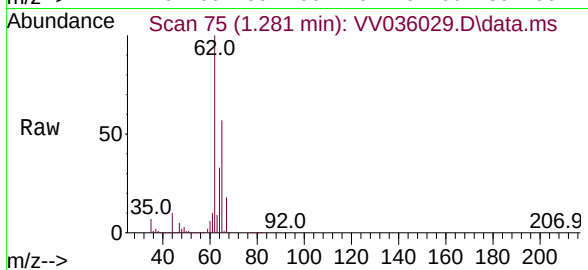
ClientSampleId :

Tgt Ion: 62 Resp: 165390

Ion Ratio Lower Upper

62 100

64 32.6 22.9 42.5



#6

Bromomethane

Concen: 21.916 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.000 min

Lab File: VV036029.D

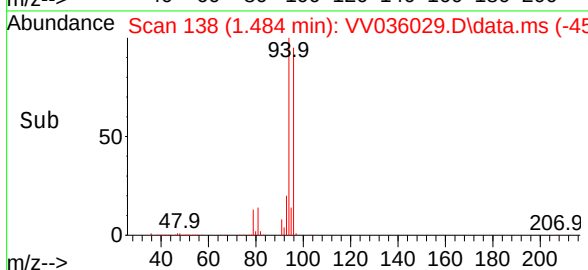
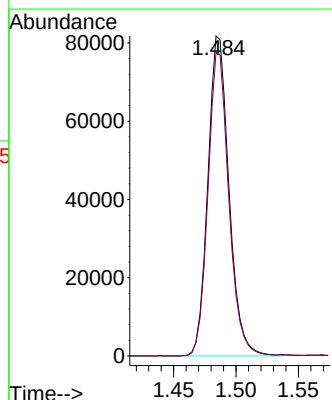
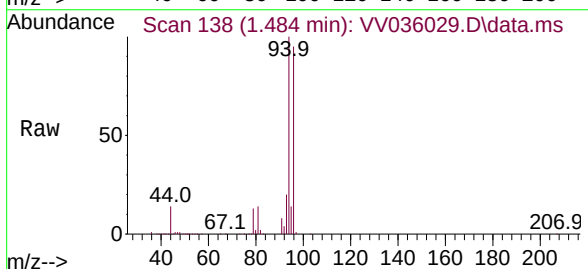
Acq: 11 Jun 2024 11:02

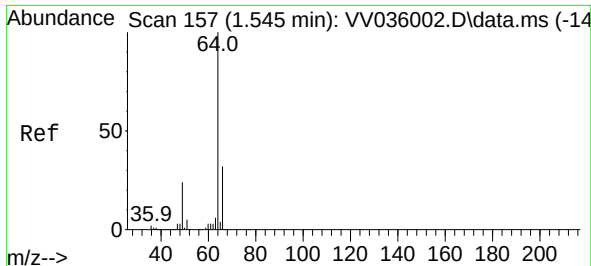
Tgt Ion: 94 Resp: 96364

Ion Ratio Lower Upper

94 100

96 94.8 65.7 122.1

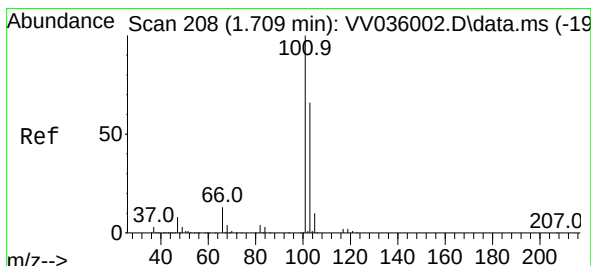
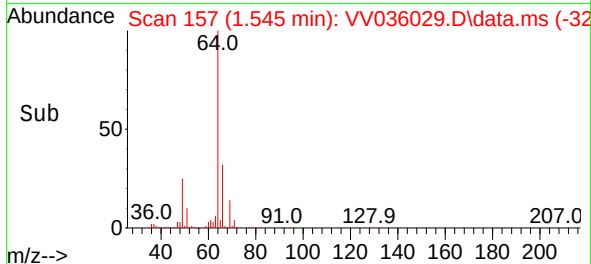
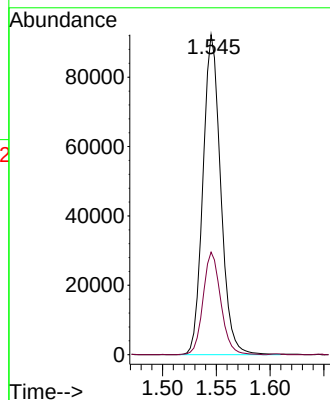
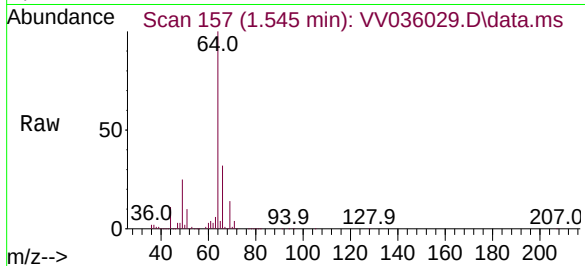




#8
Chloroethane
Concen: 23.990 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.003 min
Lab File: VV036029.D
Acq: 11 Jun 2024 11:02

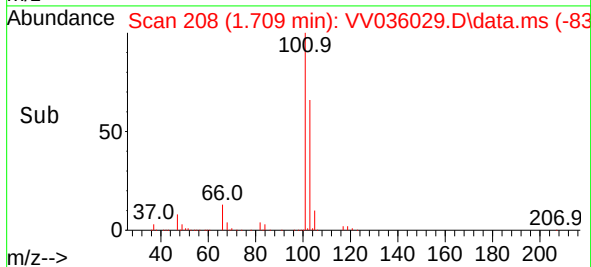
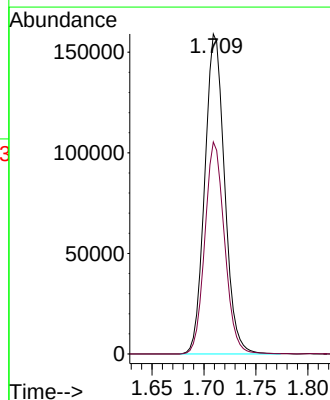
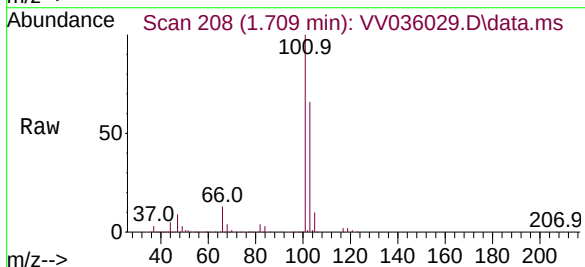
Instrument :
MSVOA_V
ClientSampleId :

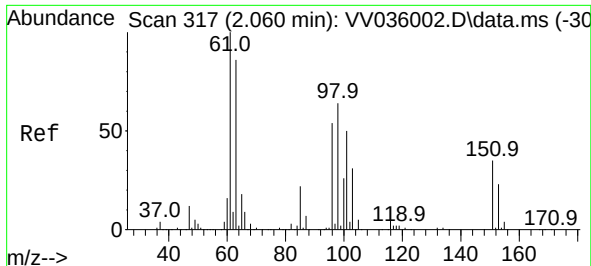
Tgt Ion: 64 Resp: 105690
Ion Ratio Lower Upper
64 100
66 32.0 22.0 41.0



#9
Trichlorofluoromethane
Concen: 23.967 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.003 min
Lab File: VV036029.D
Acq: 11 Jun 2024 11:02

Tgt Ion:101 Resp: 210962
Ion Ratio Lower Upper
101 100
103 65.7 51.8 77.8





#10

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

Concen: 24.346 ug/L

RT: 2.063 min Scan# 317

Delta R.T. 0.003 min

Lab File: VV036029.D

Acq: 11 Jun 2024 11:02

Instrument :

MSVOA_V

ClientSampleId :

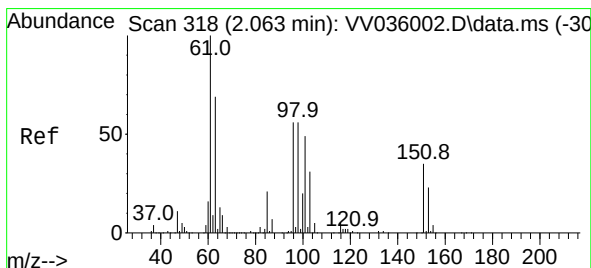
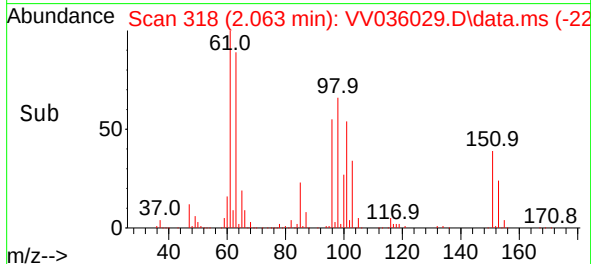
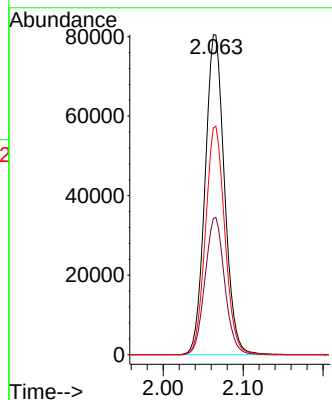
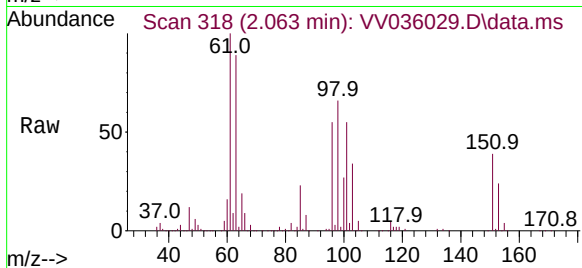
Tgt Ion:101 Resp: 136002

Ion Ratio Lower Upper

101 100

85 43.5 34.5 51.7

151 71.1 56.3 84.5



#12

1,1-Dichloroethene

Concen: 23.401 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.006 min

Lab File: VV036029.D

Acq: 11 Jun 2024 11:02

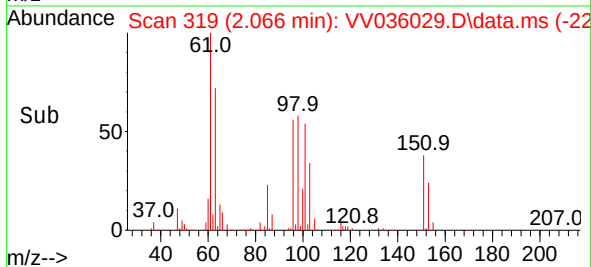
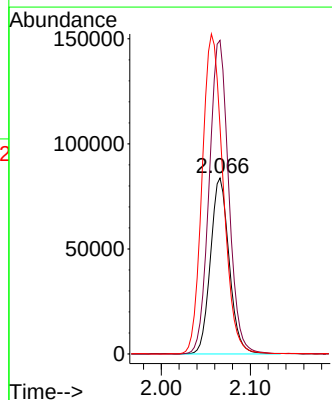
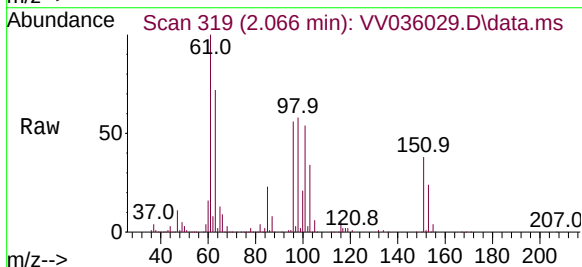
Tgt Ion: 96 Resp: 121923

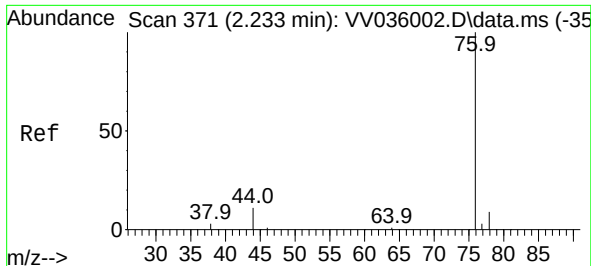
Ion Ratio Lower Upper

96 100

61 178.2 127.3 236.3

63 128.9 93.7 173.9

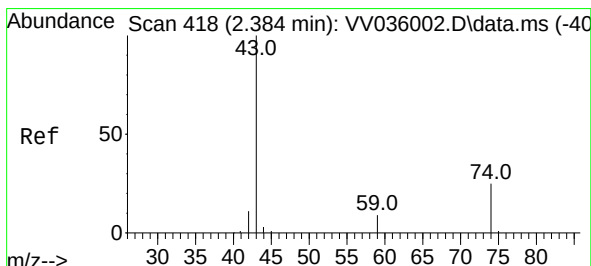
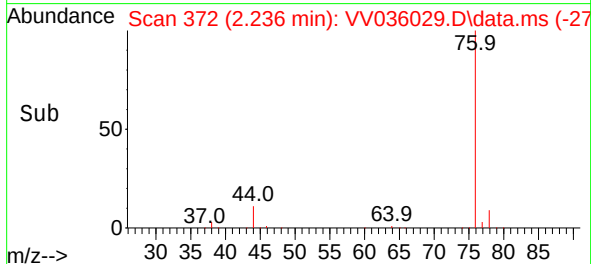
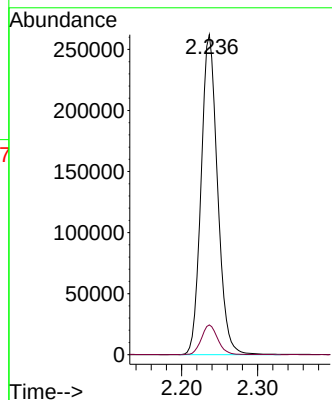
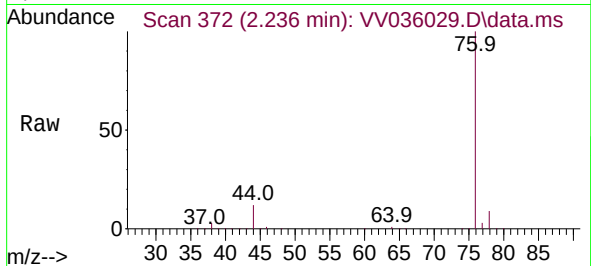




#14
Carbon disulfide
Concen: 21.797 ug/L
RT: 2.236 min Scan# 371
Delta R.T. 0.003 min
Lab File: VV036029.D
Acq: 11 Jun 2024 11:02

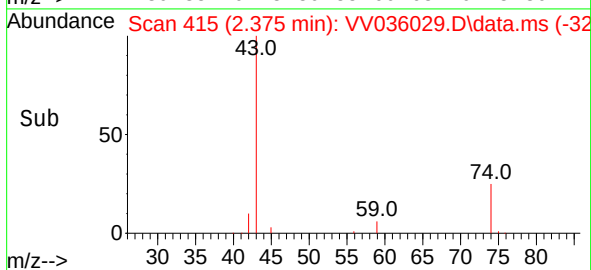
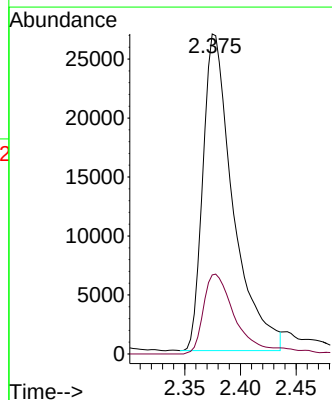
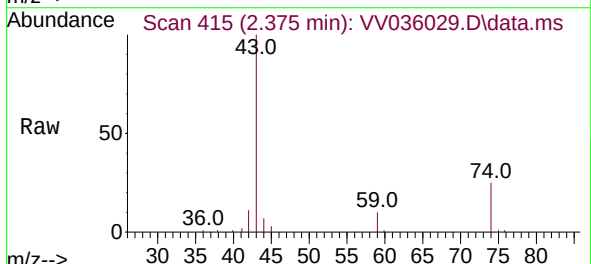
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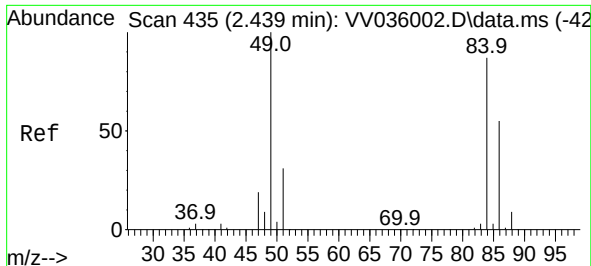
Tgt Ion: 76 Resp: 394367
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#15
Methyl Acetate
Concen: 19.028 ug/L
RT: 2.375 min Scan# 415
Delta R.T. -0.010 min
Lab File: VV036029.D
Acq: 11 Jun 2024 11:02

Tgt Ion: 43 Resp: 50563
Ion Ratio Lower Upper
43 100
74 26.0 21.4 32.2

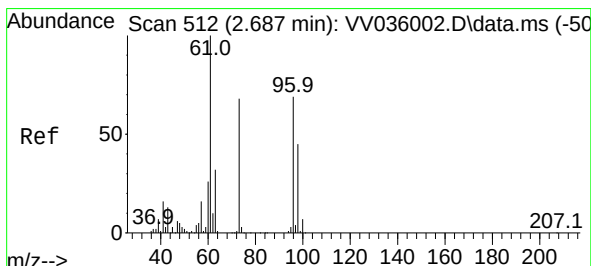
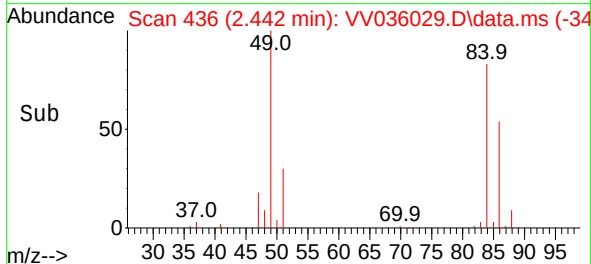
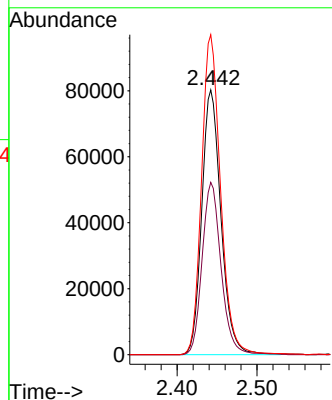
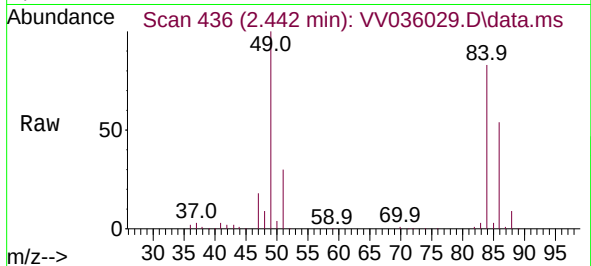




#16
Methylene chloride
Concen: 18.255 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036029.D
Acq: 11 Jun 2024 11:02

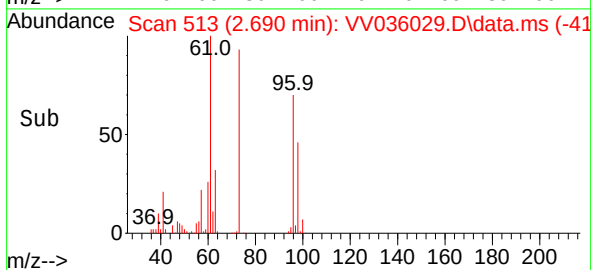
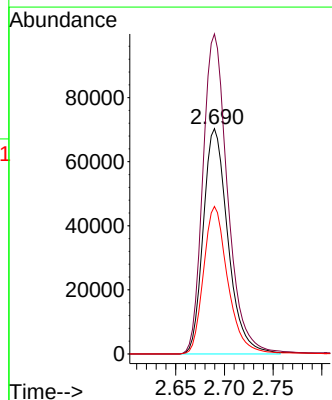
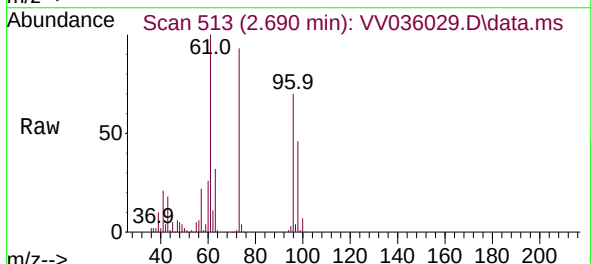
Instrument :
MSVOA_V
ClientSampleId :

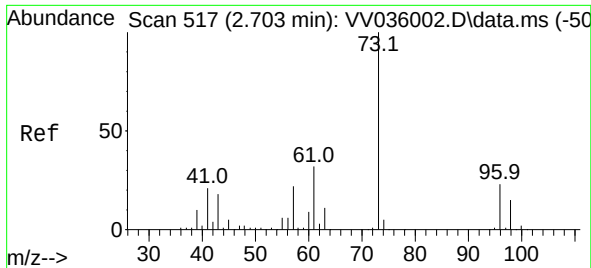
Tgt Ion: 84 Resp: 134395
Ion Ratio Lower Upper
84 100
86 65.1 44.6 82.8
49 120.8 81.1 150.5



#17
trans-1,2-Dichloroethene
Concen: 22.381 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.003 min
Lab File: VV036029.D
Acq: 11 Jun 2024 11:02

Tgt Ion: 96 Resp: 123868
Ion Ratio Lower Upper
96 100
61 142.1 99.4 184.6
98 65.5 44.9 83.3

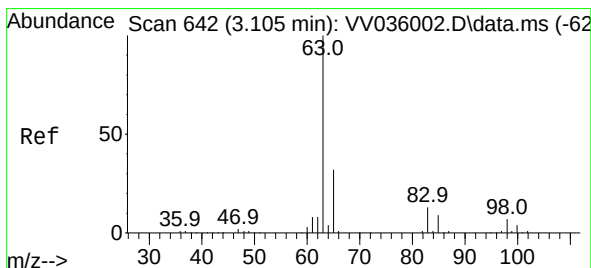
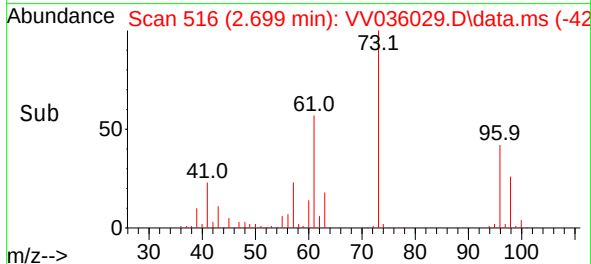
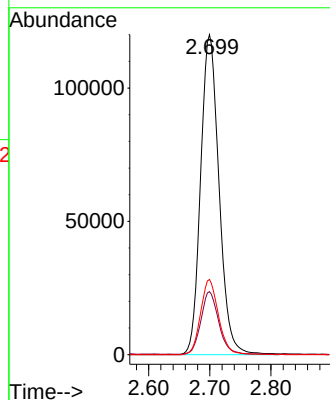
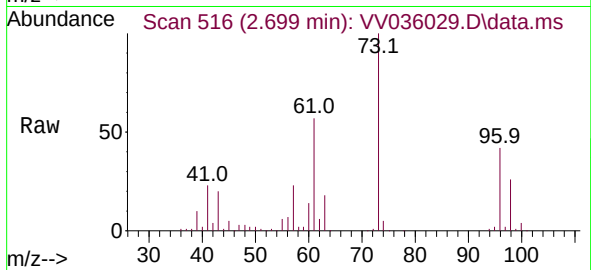




#18
Methyl tert-butyl Ether
Concen: 20.220 ug/L
RT: 2.699 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV036029.D
Acq: 11 Jun 2024 11:02

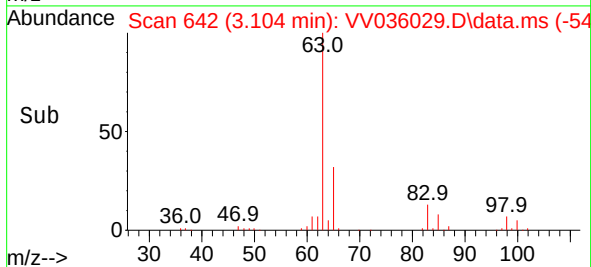
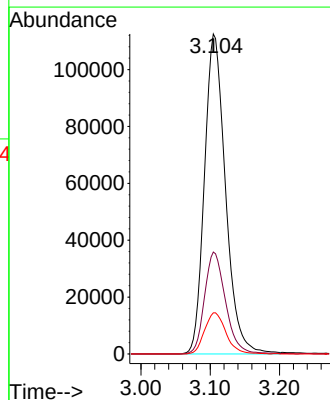
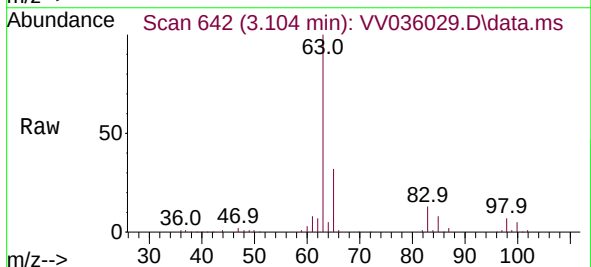
Instrument :
MSVOA_V
ClientSampleId :

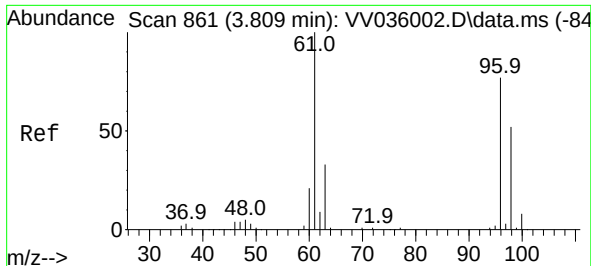
Tgt Ion: 73 Resp: 251233
Ion Ratio Lower Upper
73 100
43 18.9 14.3 21.5
57 22.8 17.8 26.6



#19
1,1-Dichloroethane
Concen: 22.526 ug/L
RT: 3.104 min Scan# 642
Delta R.T. 0.003 min
Lab File: VV036029.D
Acq: 11 Jun 2024 11:02

Tgt Ion: 63 Resp: 237425
Ion Ratio Lower Upper
63 100
65 31.8 22.4 41.6
83 12.9 9.2 17.0





#20

cis-1,2-Dichloroethene

Concen: 22.194 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.003 min

Lab File: VV036029.D

Acq: 11 Jun 2024 11:02

Instrument :

MSVOA_V

ClientSampleId :

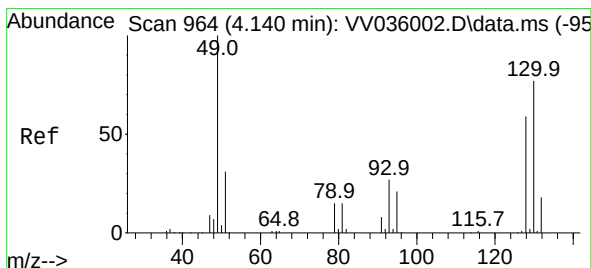
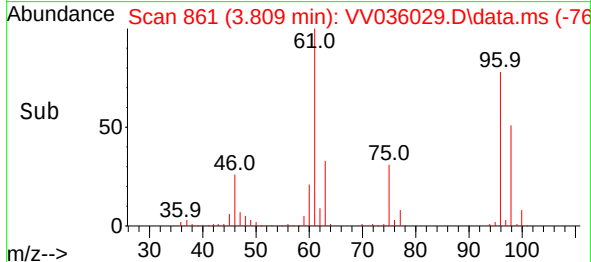
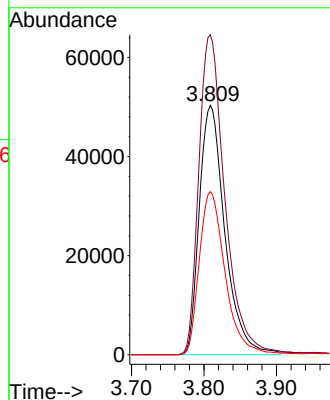
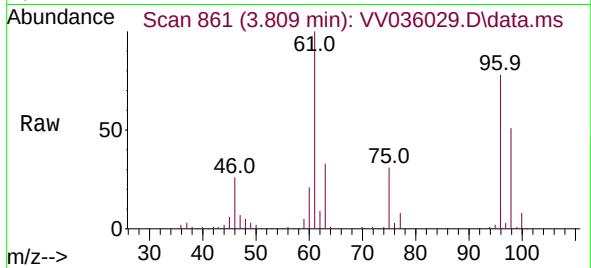
Tgt Ion: 96 Resp: 123427

Ion Ratio Lower Upper

96 100

61 128.4 87.9 163.3

98 65.4 44.4 82.5



#23

Bromochloromethane

Concen: 20.151 ug/L

RT: 4.143 min Scan# 965

Delta R.T. 0.003 min

Lab File: VV036029.D

Acq: 11 Jun 2024 11:02

Tgt Ion:128 Resp: 56214

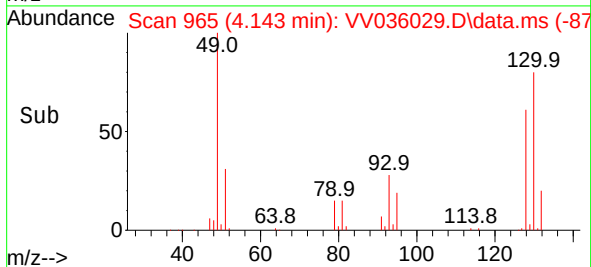
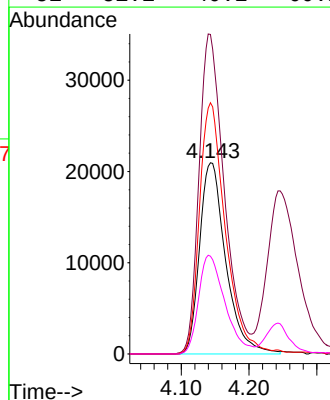
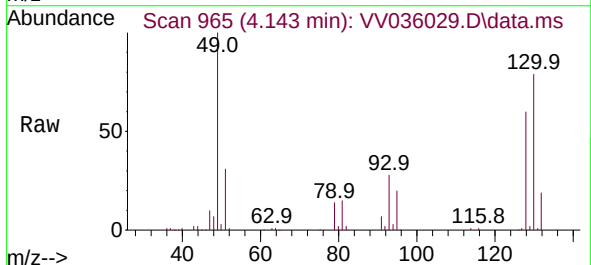
Ion Ratio Lower Upper

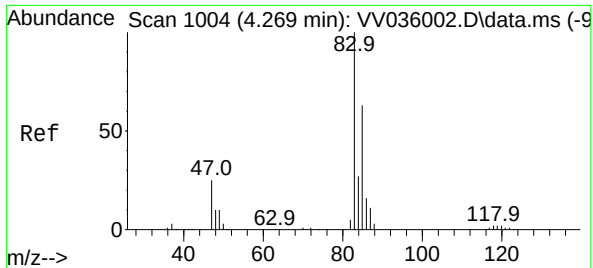
128 100

49 167.2 110.2 204.6

130 131.4 90.2 167.4

51 51.1 40.2 60.2





#25

Chloroform

Concen: 21.925 ug/L

RT: 4.268 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV036029.D

Acq: 11 Jun 2024 11:02

Instrument :

MSVOA_V

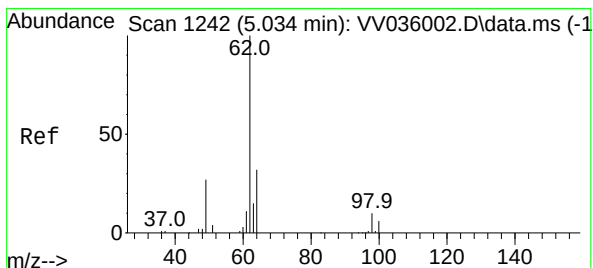
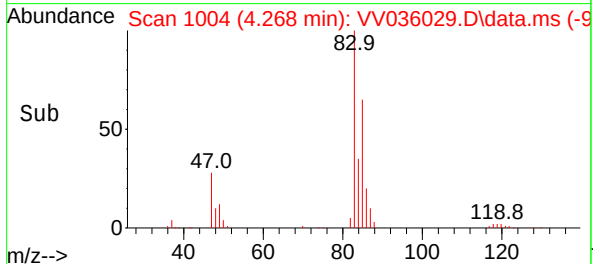
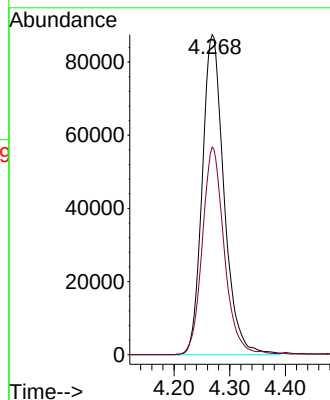
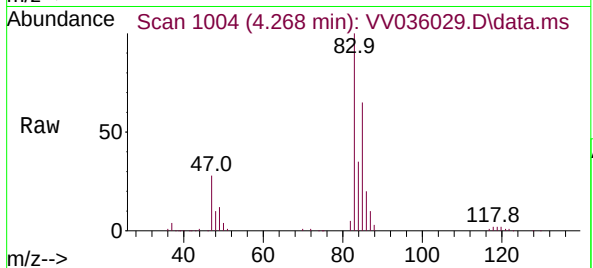
ClientSampleId :

Tgt Ion: 83 Resp: 237713

Ion Ratio Lower Upper

83 100

85 64.9 45.2 84.0



#27

1,2-Dichloroethane

Concen: 20.153 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VV036029.D

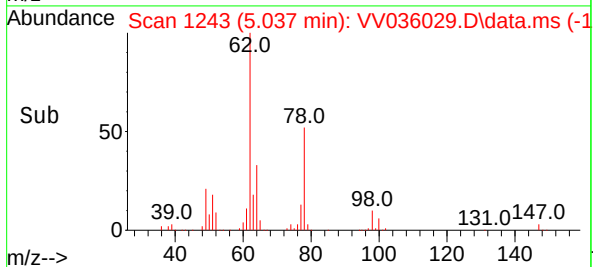
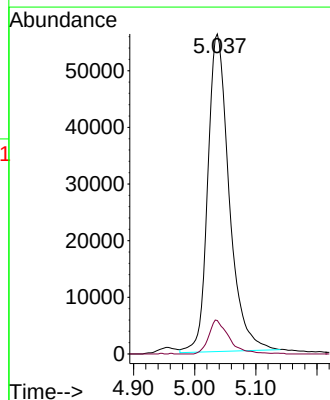
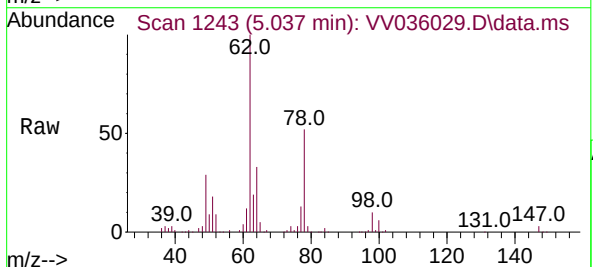
Acq: 11 Jun 2024 11:02

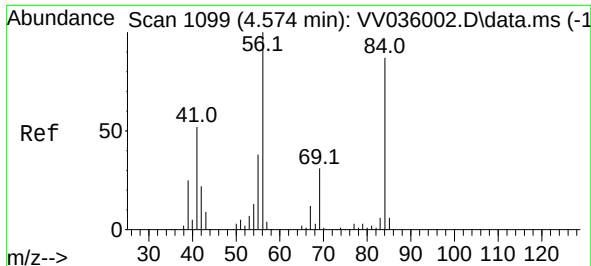
Tgt Ion: 62 Resp: 136414

Ion Ratio Lower Upper

62 100

98 10.5 7.8 11.6





#29

Cyclohexane

Concen: 27.021 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. -0.000 min

Lab File: VV036029.D

Acq: 11 Jun 2024 11:02

Instrument :

MSVOA_V

ClientSampleId :

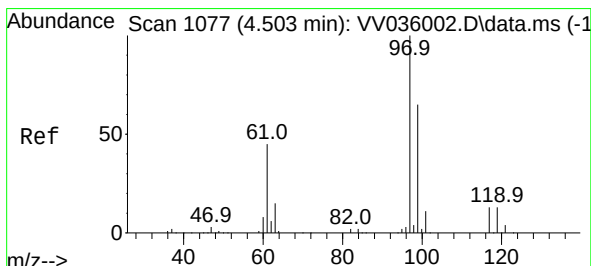
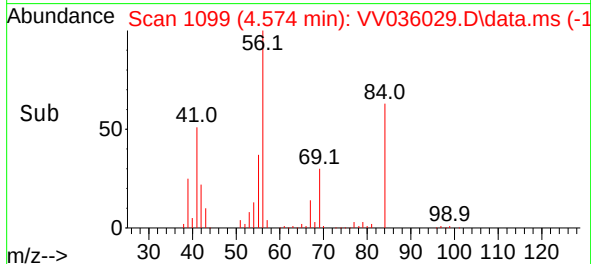
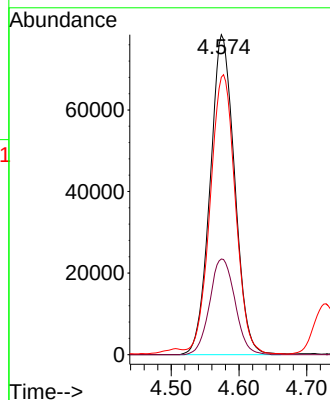
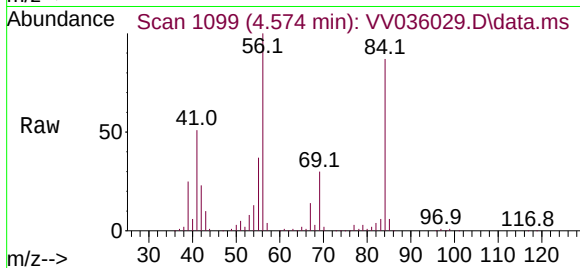
Tgt Ion: 56 Resp: 196956

Ion Ratio Lower Upper

56 100

69 30.9 25.2 37.8

84 89.4 72.2 108.2



#30

1,1,1-Trichloroethane

Concen: 25.440 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV036029.D

Acq: 11 Jun 2024 11:02

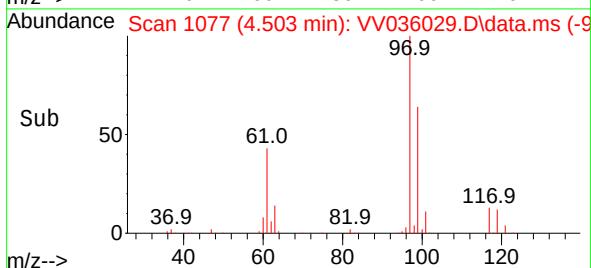
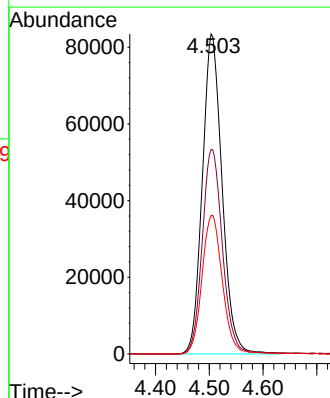
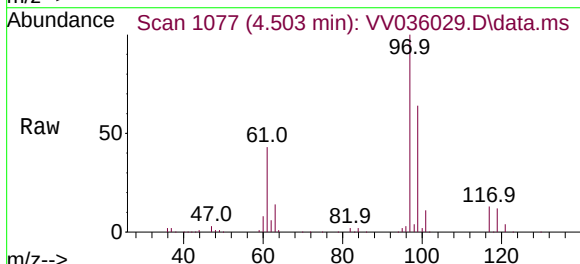
Tgt Ion: 97 Resp: 212921

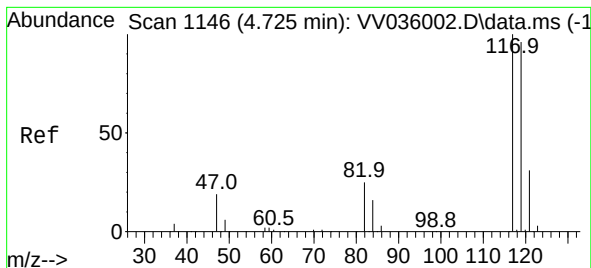
Ion Ratio Lower Upper

97 100

99 64.9 50.9 76.3

61 43.9 35.0 52.6





#31

Carbon tetrachloride

Concen: 25.737 ug/L

RT: 4.728 min Scan# 1146

Delta R.T. 0.003 min

Lab File: VV036029.D

Acq: 11 Jun 2024 11:02

Instrument :

MSVOA_V

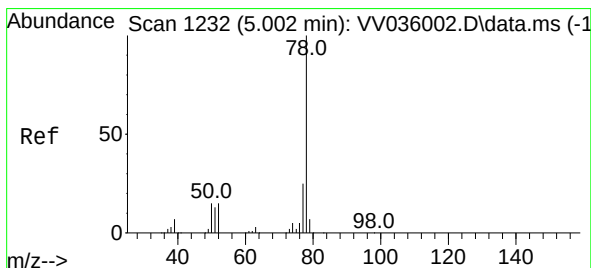
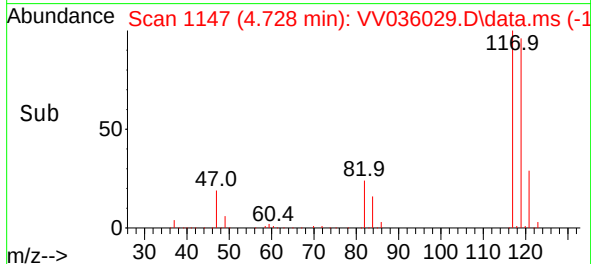
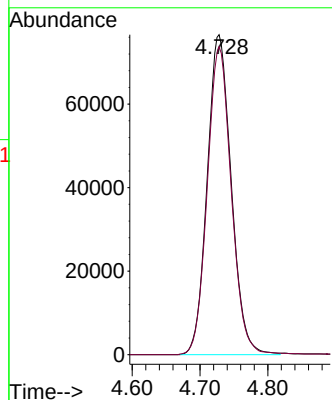
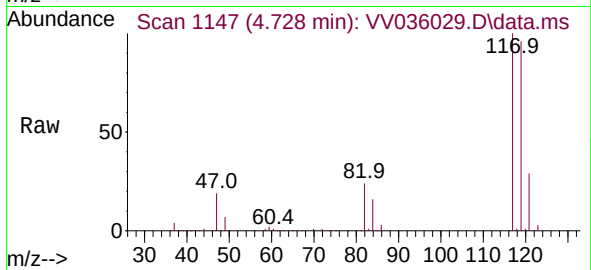
ClientSampleId :

Tgt Ion:117 Resp: 188972

Ion Ratio Lower Upper

117 100

119 96.1 76.8 115.2



#33

Benzene

Concen: 24.886 ug/L

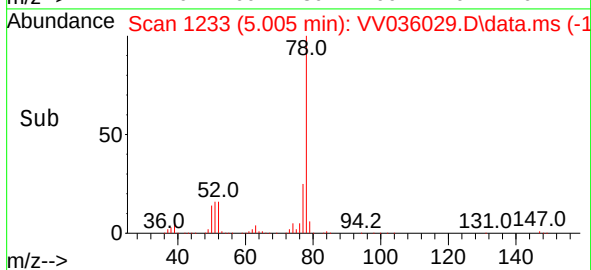
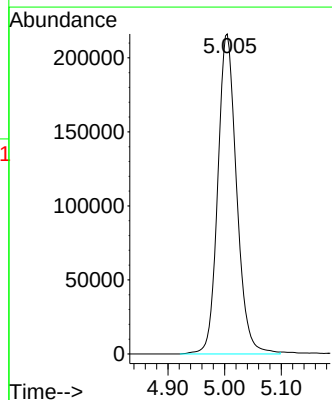
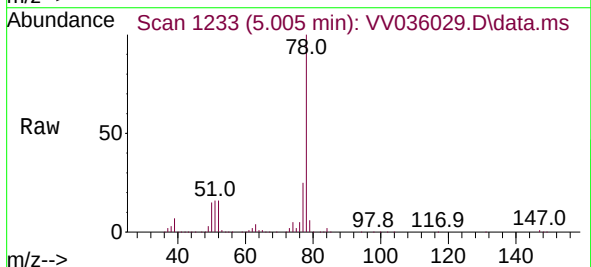
RT: 5.005 min Scan# 1233

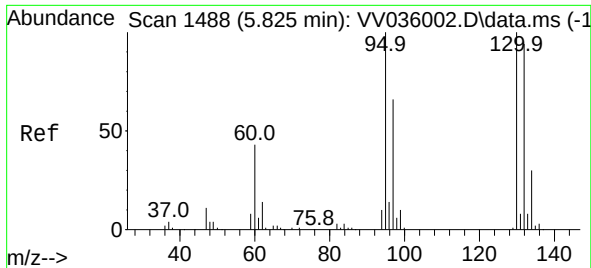
Delta R.T. 0.006 min

Lab File: VV036029.D

Acq: 11 Jun 2024 11:02

Tgt Ion: 78 Resp: 498289

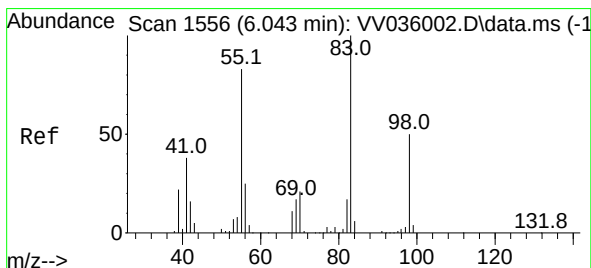
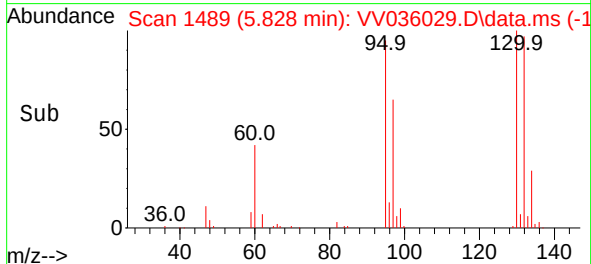
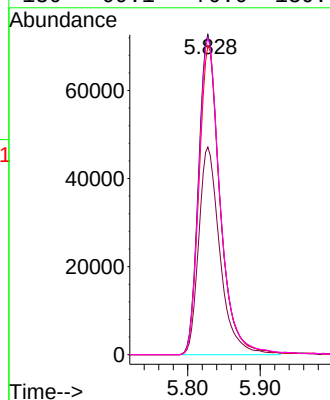
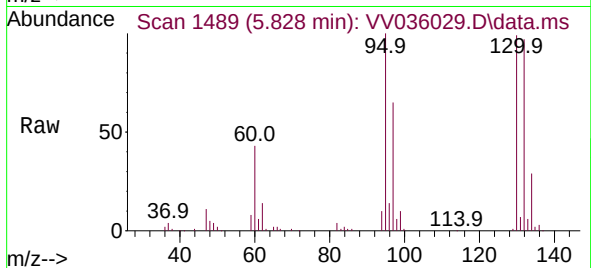




#34
Trichloroethene
Concen: 24.200 ug/L
RT: 5.828 min Scan# 1488
Delta R.T. 0.003 min
Lab File: VV036029.D
Acq: 11 Jun 2024 11:02

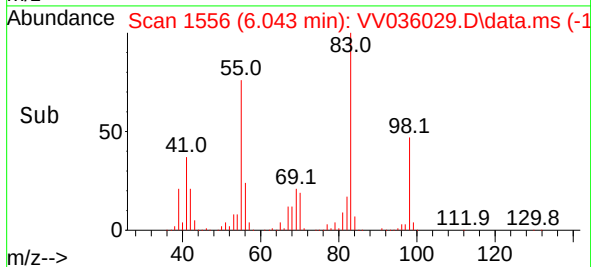
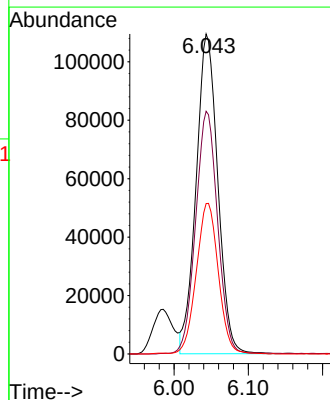
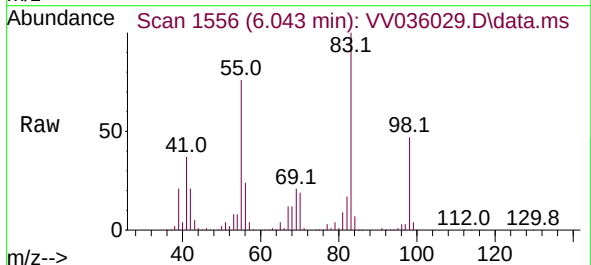
Instrument :
MSVOA_V
ClientSampleId :

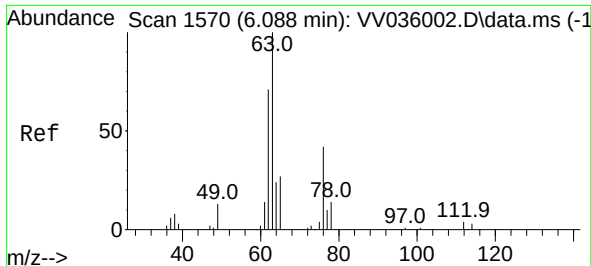
Tgt Ion: 95 Resp: 148505
Ion Ratio Lower Upper
95 100
97 64.9 44.8 83.2
132 96.6 66.8 124.2
130 99.1 70.0 130.0



#35
Methylcyclohexane
Concen: 26.215 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VV036029.D
Acq: 11 Jun 2024 11:02

Tgt Ion: 83 Resp: 222471
Ion Ratio Lower Upper
83 100
55 77.1 60.7 91.1
98 47.9 38.7 58.1

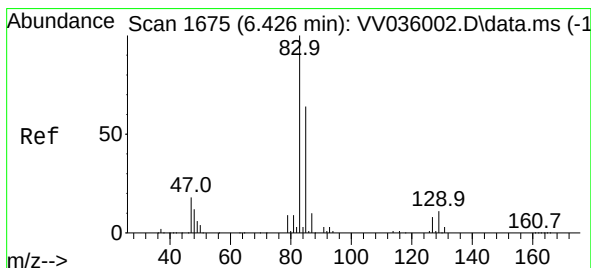
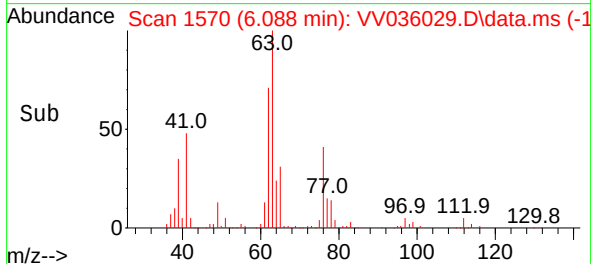
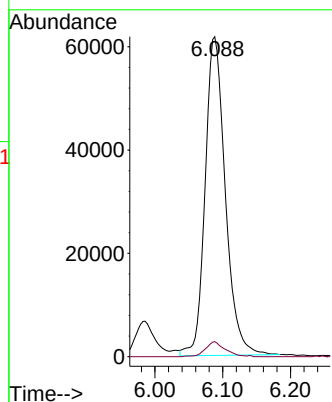
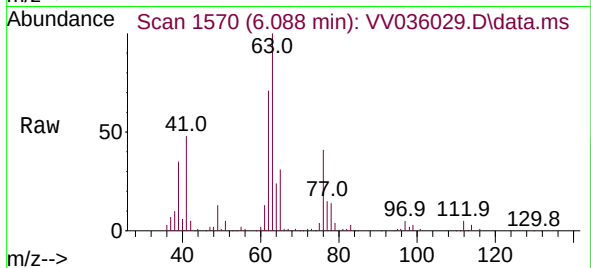




#37
1,2-Dichloropropane
Concen: 24.320 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. 0.003 min
Lab File: VV036029.D
Acq: 11 Jun 2024 11:02

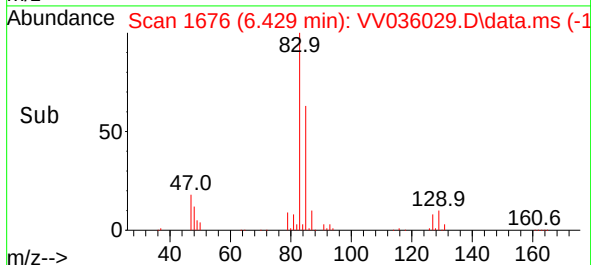
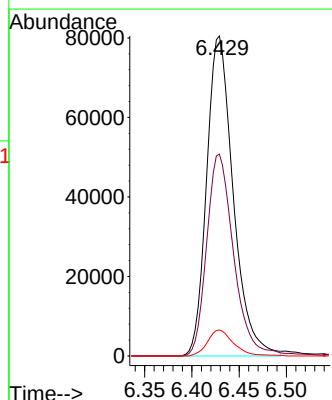
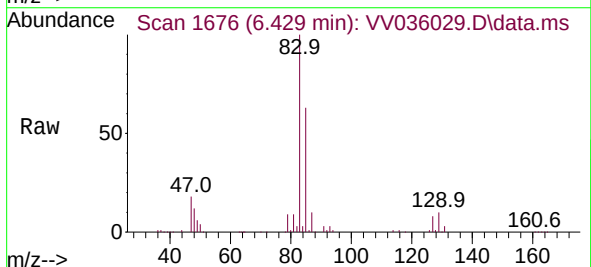
Instrument :
MSVOA_V
ClientSampleId :

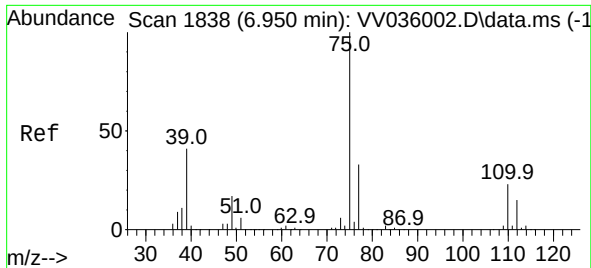
Tgt Ion: 63 Resp: 127864
Ion Ratio Lower Upper
63 100
112 4.5 3.5 5.3



#38
Bromodichloromethane
Concen: 22.628 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.003 min
Lab File: VV036029.D
Acq: 11 Jun 2024 11:02

Tgt Ion: 83 Resp: 157465
Ion Ratio Lower Upper
83 100
85 63.1 45.3 84.1
127 8.1 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 22.322 ug/L

RT: 6.950 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV036029.D

Acq: 11 Jun 2024 11:02

Instrument :

MSVOA_V

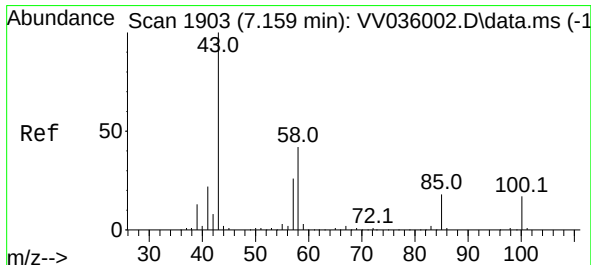
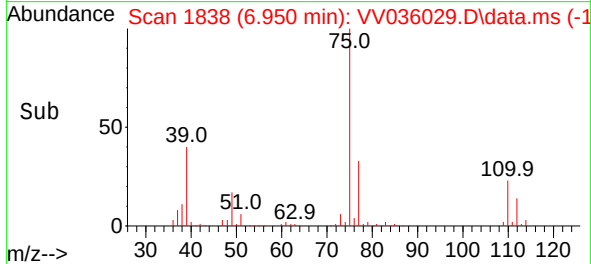
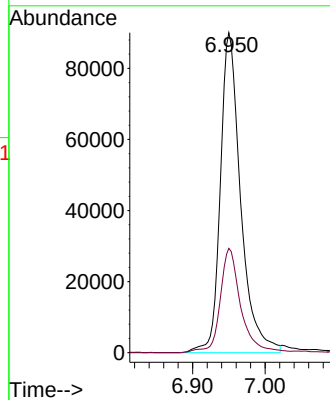
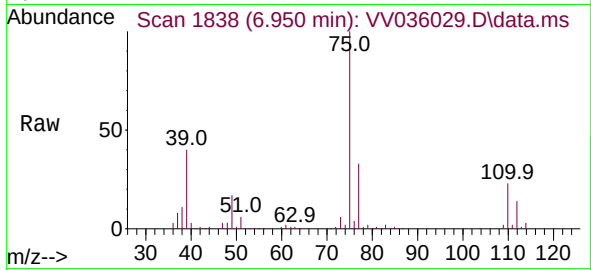
ClientSampleId :

Tgt Ion: 75 Resp: 175534

Ion Ratio Lower Upper

75 100

77 32.6 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 44.807 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VV036029.D

Acq: 11 Jun 2024 11:02

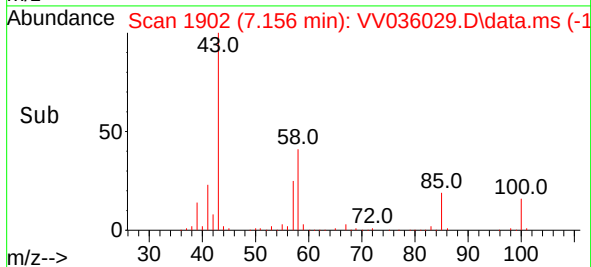
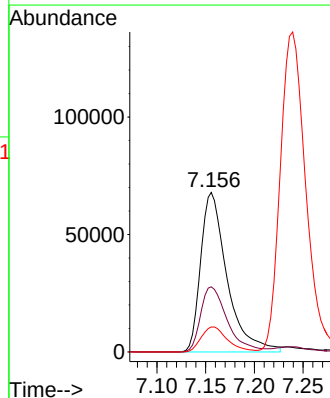
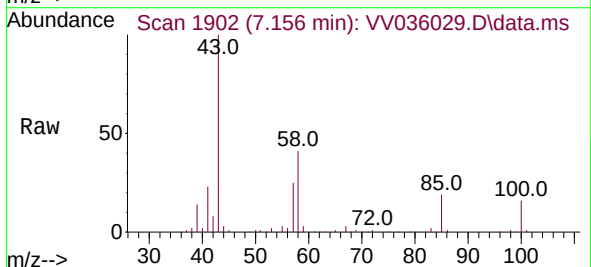
Tgt Ion: 43 Resp: 127988

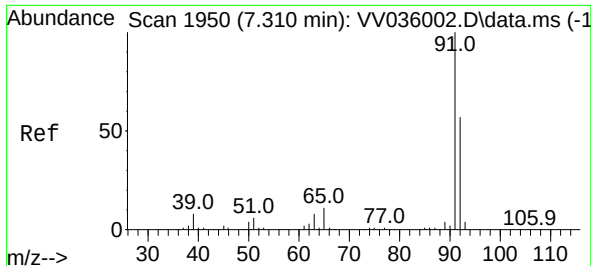
Ion Ratio Lower Upper

43 100

58 41.3 32.5 48.7

100 15.6 12.5 18.7

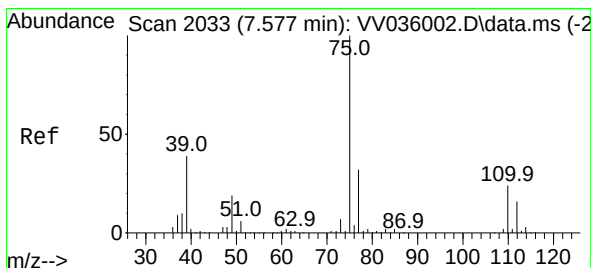
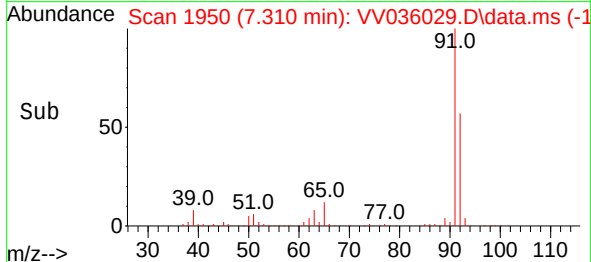
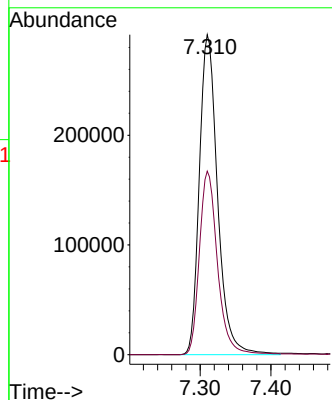
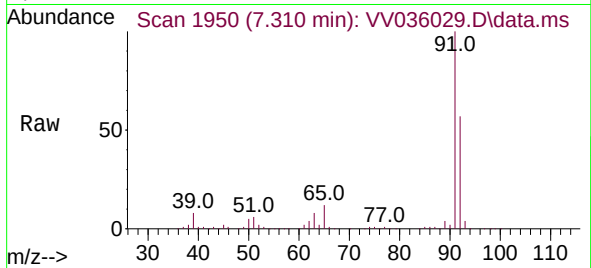




#42
Toluene
Concen: 25.459 ug/L
RT: 7.310 min Scan# 1950
Delta R.T. 0.003 min
Lab File: VV036029.D
Acq: 11 Jun 2024 11:02

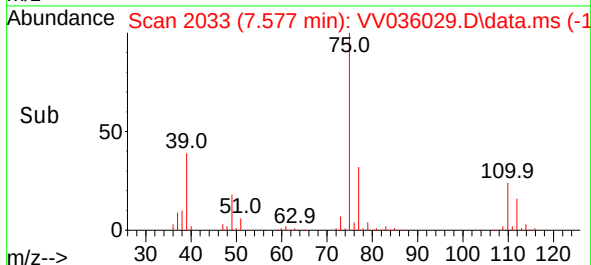
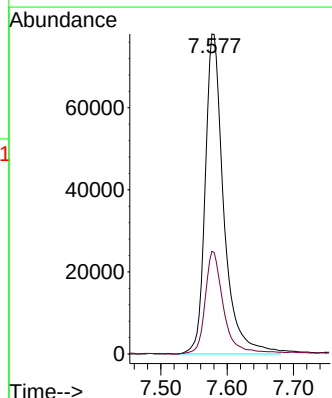
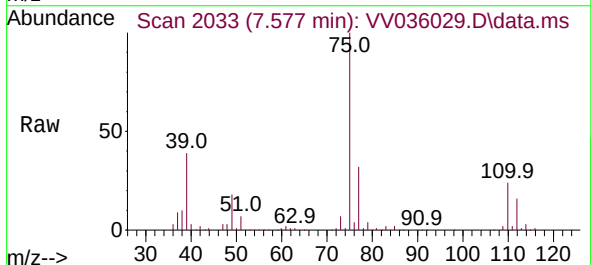
Instrument :
MSVOA_V
ClientSampleId :

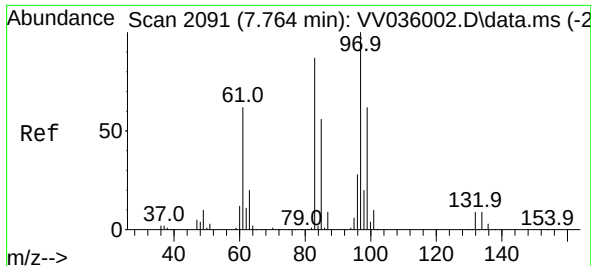
Tgt Ion: 91 Resp: 520874
Ion Ratio Lower Upper
91 100
92 57.3 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 22.309 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. 0.003 min
Lab File: VV036029.D
Acq: 11 Jun 2024 11:02

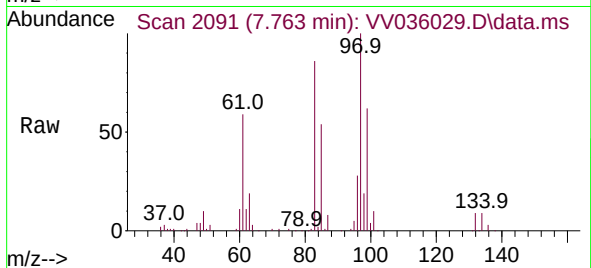
Tgt Ion: 75 Resp: 151527
Ion Ratio Lower Upper
75 100
77 32.0 23.1 42.9



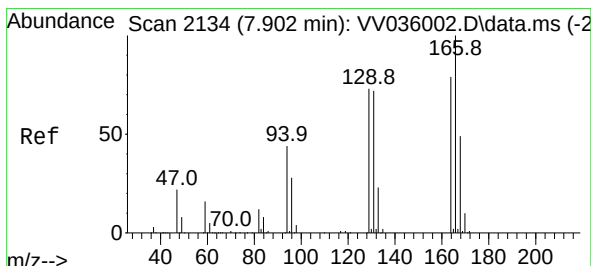
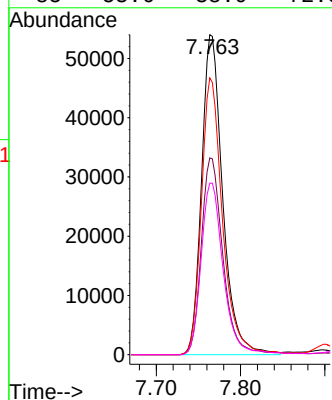
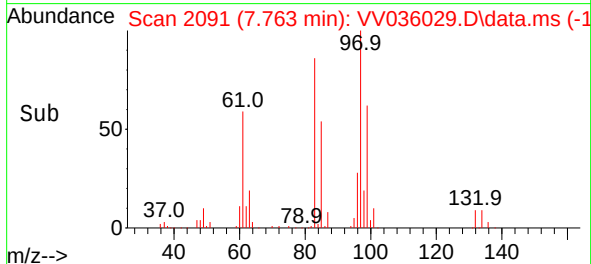


#45
1,1,2-Trichloroethane
Concen: 21.723 ug/L
RT: 7.763 min Scan# 2091
Delta R.T. -0.000 min
Lab File: VV036029.D
Acq: 11 Jun 2024 11:02

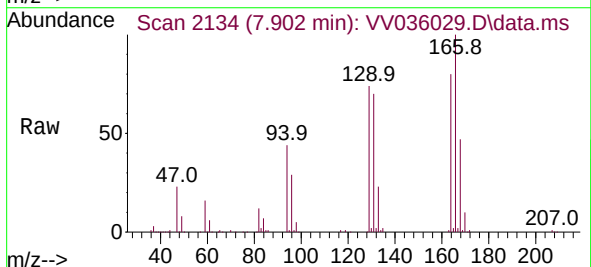
Instrument :
MSVOA_V
ClientSampleId :



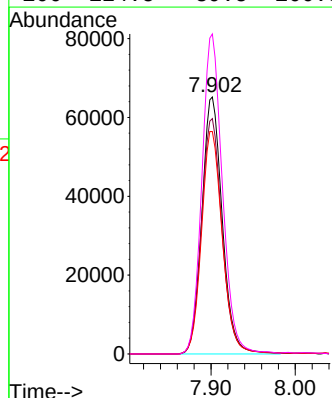
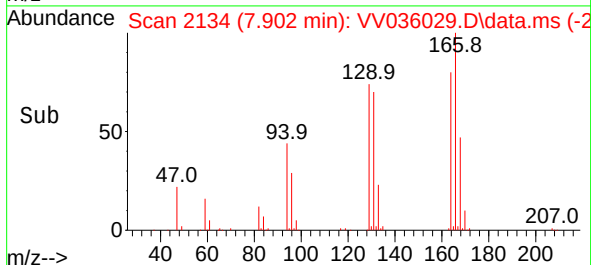
Tgt Ion: 97	Resp: 94499
Ion Ratio	Lower Upper
97 100	
99 61.5	43.3 80.5
83 86.5	60.1 111.7
85 53.6	38.9 72.3

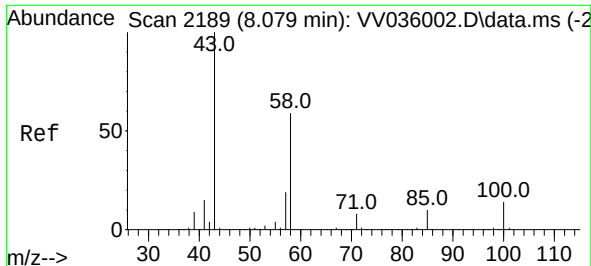


#46
Tetrachloroethene
Concen: 24.529 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV036029.D
Acq: 11 Jun 2024 11:02



Tgt	Ion:164	Resp:	110088
Ion	Ratio	Lower	Upper
164	100		
129	91.6	64.6	120.0
131	86.6	63.2	117.4
166	124.5	89.5	166.3



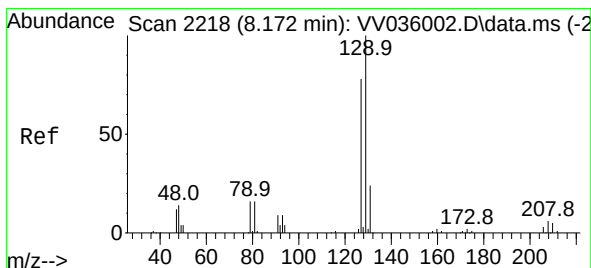
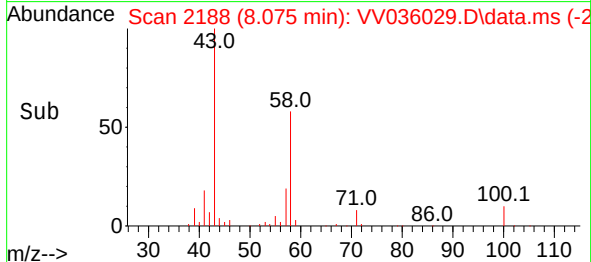
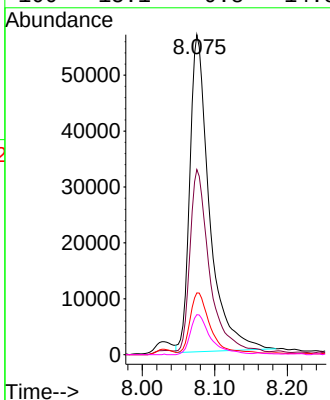
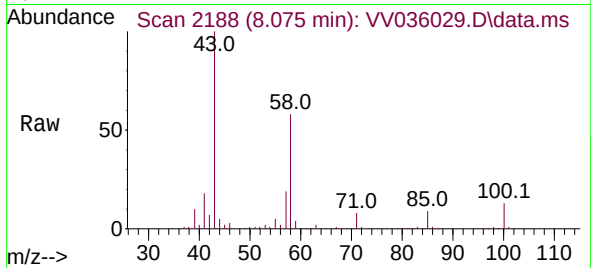


#48
2-Hexanone
Concen: 47.811 ug/L
RT: 8.075 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV036029.D
Acq: 11 Jun 2024 11:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 106767

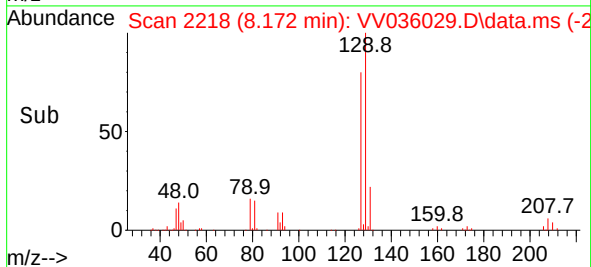
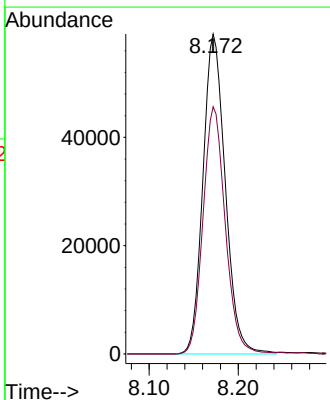
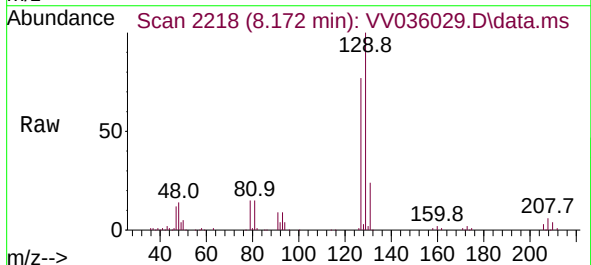
Ion	Ratio	Lower	Upper
43	100		
58	57.9	45.4	68.0
57	19.8	15.8	23.8
100	13.1	9.8	14.8

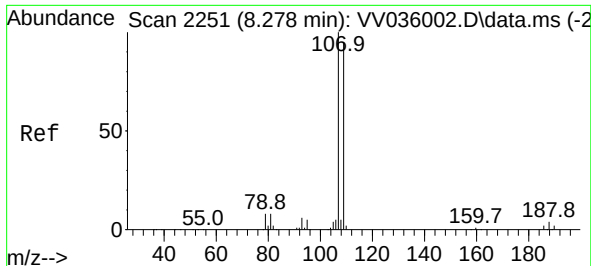


#49
Dibromochloromethane
Concen: 21.590 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.000 min
Lab File: VV036029.D
Acq: 11 Jun 2024 11:02

Tgt Ion: 129 Resp: 102791

Ion	Ratio	Lower	Upper
129	100		
127	77.3	53.9	100.1





#50

1,2-Dibromoethane

Concen: 21.275 ug/L

RT: 8.281 min Scan# 21

Delta R.T. 0.003 min

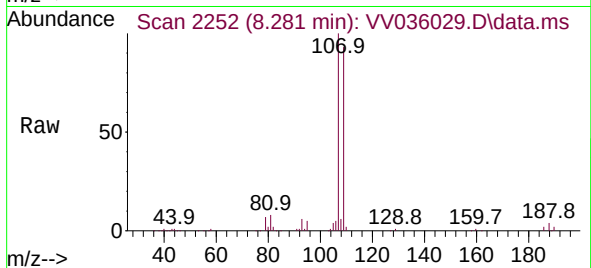
Lab File: VV036029.D

Acq: 11 Jun 2024 11:02

Instrument :

MSVOA_V

ClientSampleId :



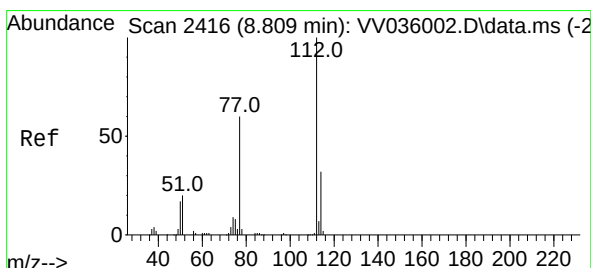
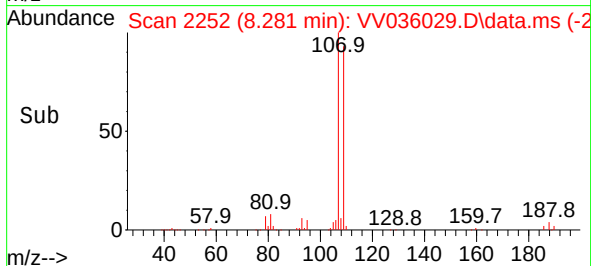
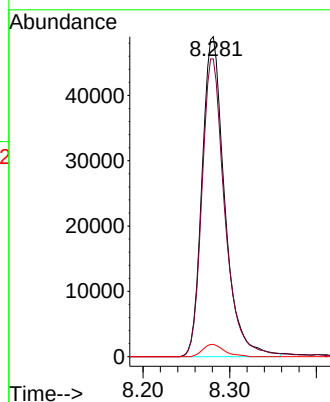
Tgt Ion:107 Resp: 88805

Ion Ratio Lower Upper

107 100

109 93.0 66.1 122.7

188 4.1 3.0 4.6



#51

Chlorobenzene

Concen: 23.092 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.003 min

Lab File: VV036029.D

Acq: 11 Jun 2024 11:02

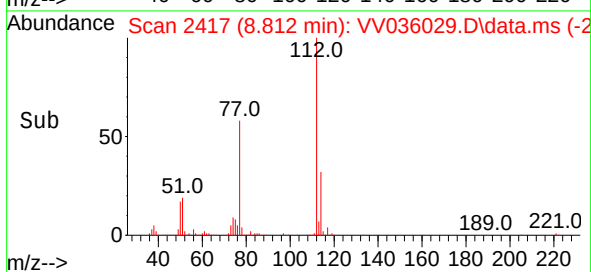
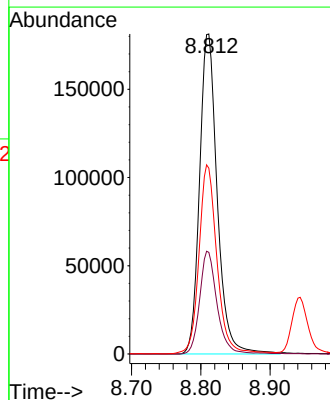
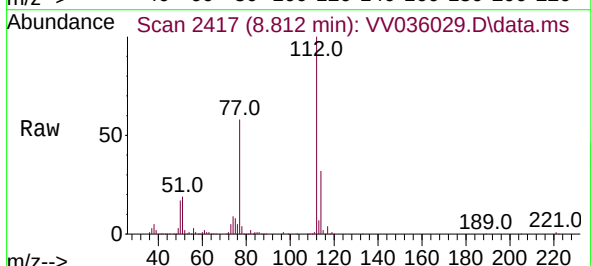
Tgt Ion:112 Resp: 321901

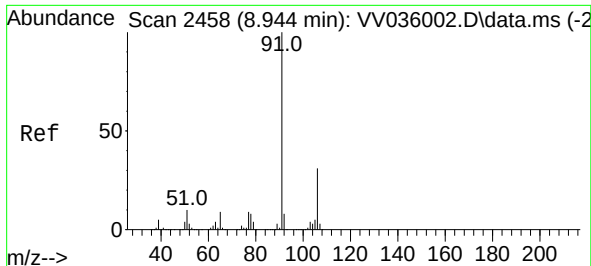
Ion Ratio Lower Upper

112 100

114 31.7 22.3 41.5

77 58.0 47.3 70.9

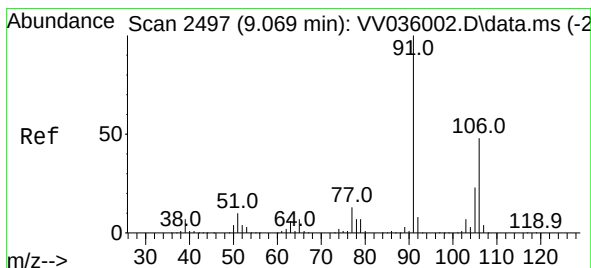
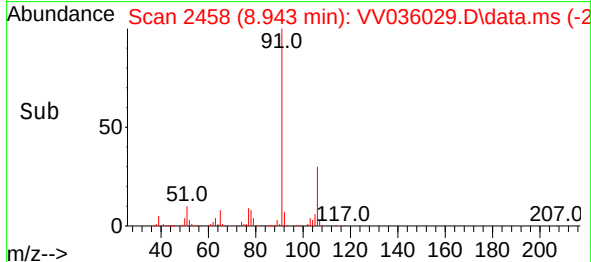
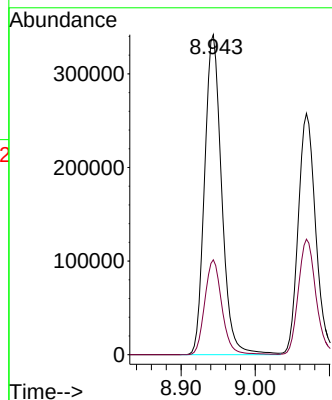
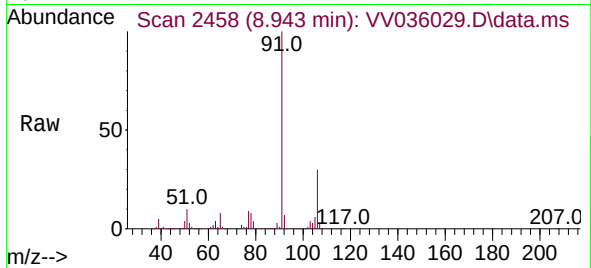




#52
Ethylbenzene
Concen: 24.882 ug/L
RT: 8.943 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV036029.D
Acq: 11 Jun 2024 11:02

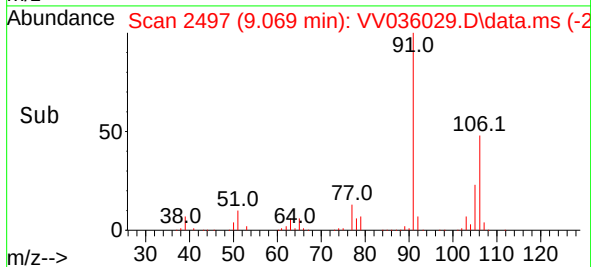
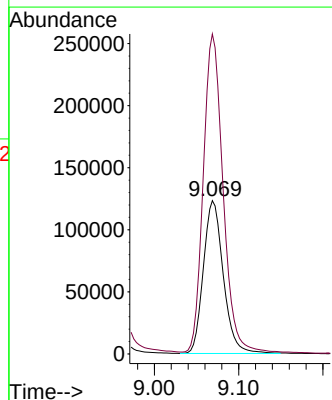
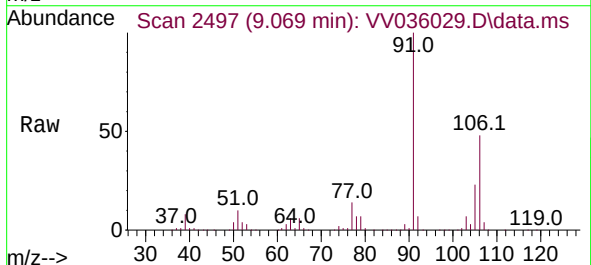
Instrument :
MSVOA_V
ClientSampleId :

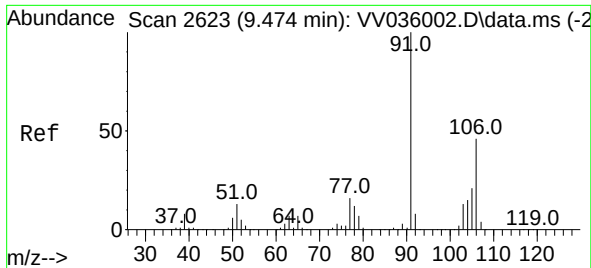
Tgt Ion: 91 Resp: 544652
Ion Ratio Lower Upper
91 100
106 29.6 21.6 40.0



#53
m,p-Xylene
Concen: 24.665 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.003 min
Lab File: VV036029.D
Acq: 11 Jun 2024 11:02

Tgt Ion: 106 Resp: 202868
Ion Ratio Lower Upper
106 100
91 208.8 143.1 265.9

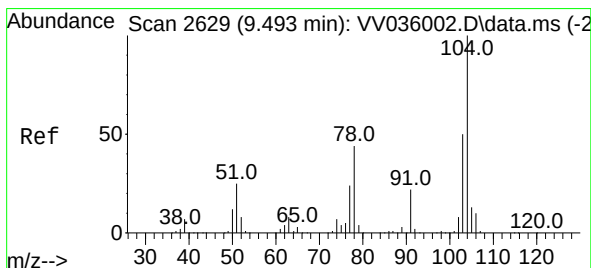
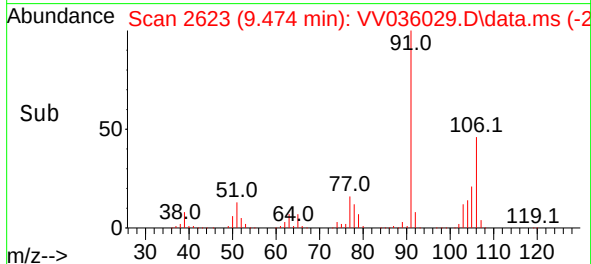
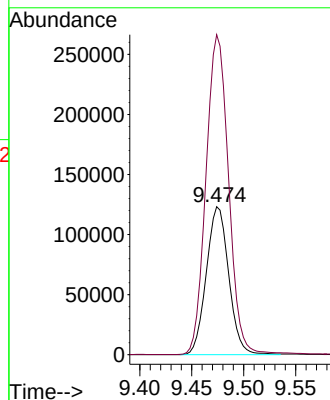
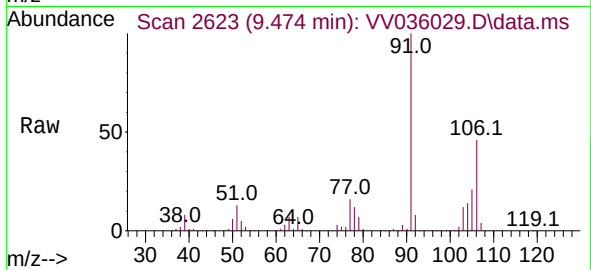




#54
o-Xylene
Concen: 23.863 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. -0.000 min
Lab File: VV036029.D
Acq: 11 Jun 2024 11:02

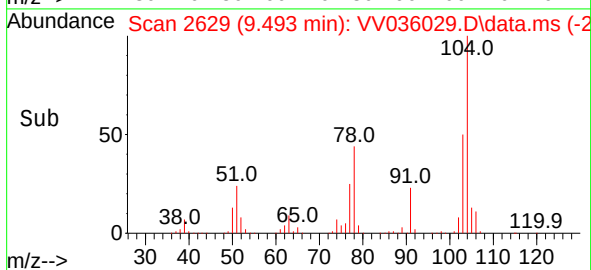
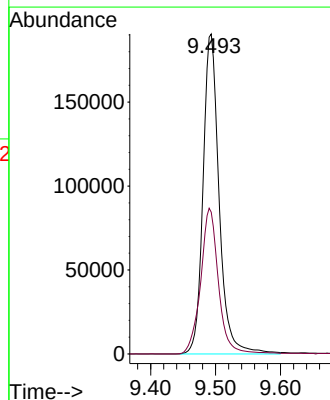
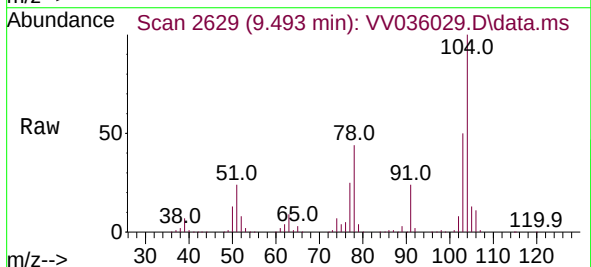
Instrument :
MSVOA_V
ClientSampleId :

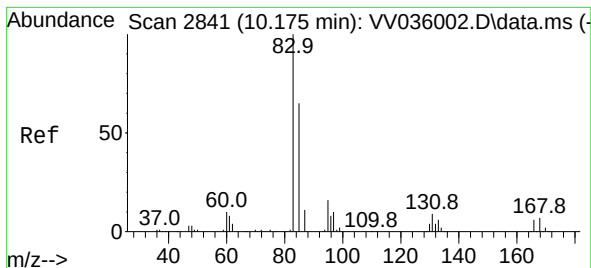
Tgt Ion:106 Resp: 185090
Ion Ratio Lower Upper
106 100
91 216.3 154.5 286.9



#55
Styrene
Concen: 24.059 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.003 min
Lab File: VV036029.D
Acq: 11 Jun 2024 11:02

Tgt Ion:104 Resp: 329086
Ion Ratio Lower Upper
104 100
78 44.3 31.4 58.2

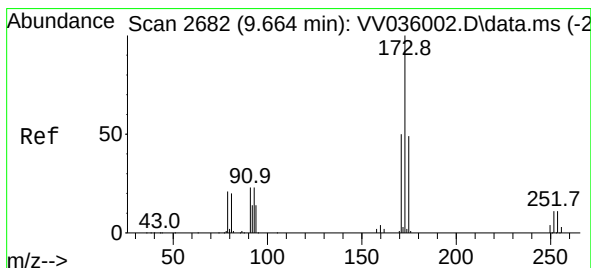
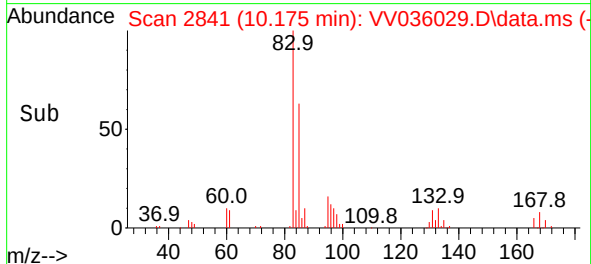
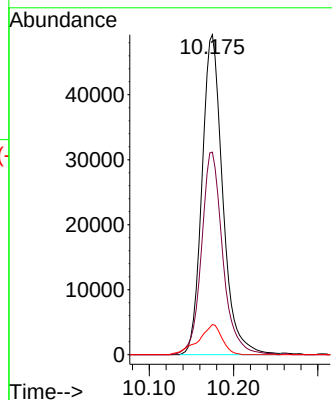
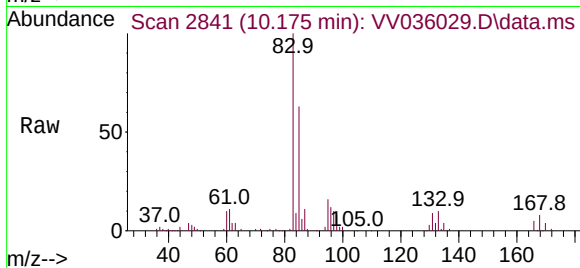




#57
1,1,2,2-Tetrachloroethane
Concen: 21.690 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.003 min
Lab File: VV036029.D
Acq: 11 Jun 2024 11:02

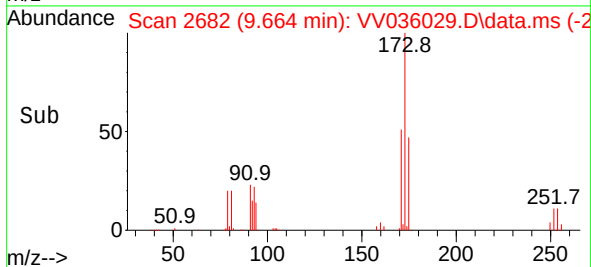
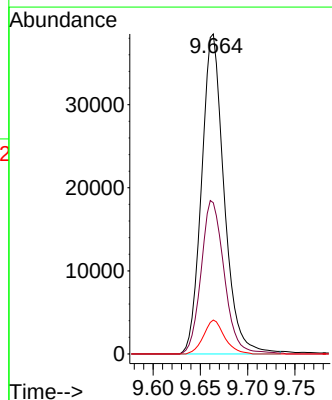
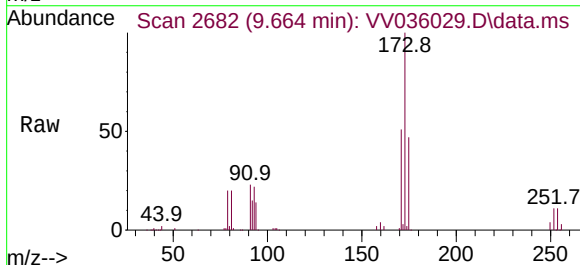
Instrument :
MSVOA_V
ClientSampleId :

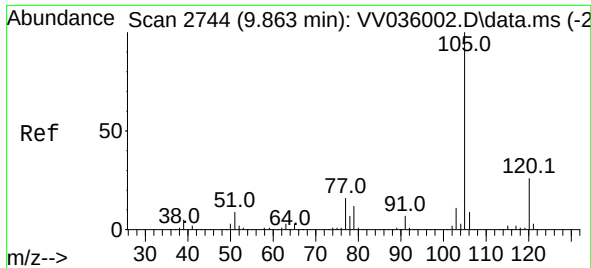
Tgt Ion: 83 Resp: 84488
Ion Ratio Lower Upper
83 100
85 63.3 45.1 83.7
131 9.4 7.6 11.4



#59
Bromoform
Concen: 22.482 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.003 min
Lab File: VV036029.D
Acq: 11 Jun 2024 11:02

Tgt Ion: 173 Resp: 63926
Ion Ratio Lower Upper
173 100
175 49.1 39.0 58.6
254 9.9 8.6 13.0

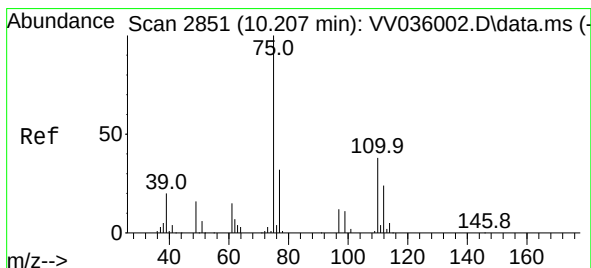
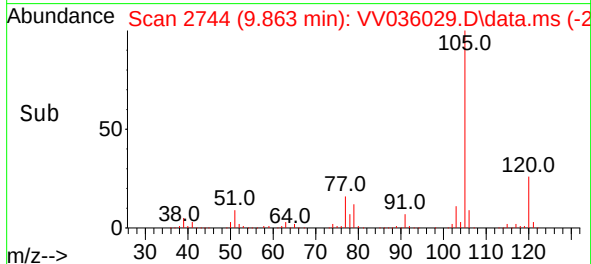
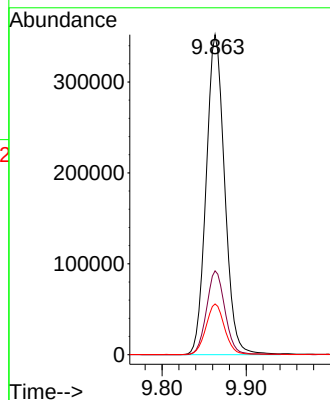
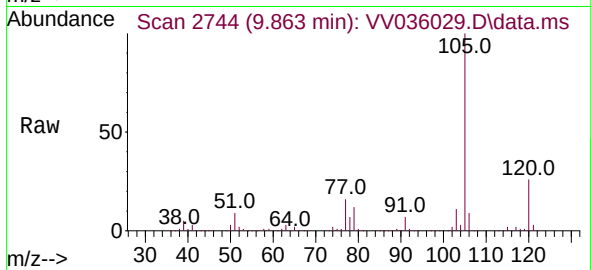




#60
Isopropylbenzene
Concen: 27.837 ug/L
RT: 9.863 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VV036029.D
Acq: 11 Jun 2024 11:02

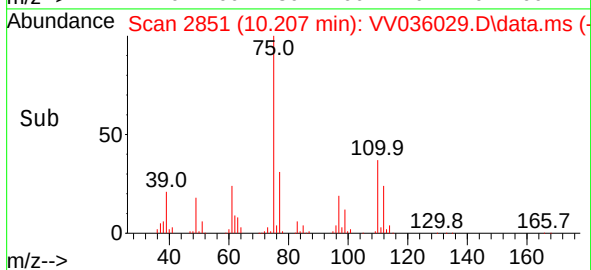
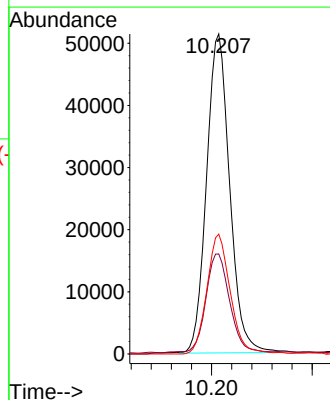
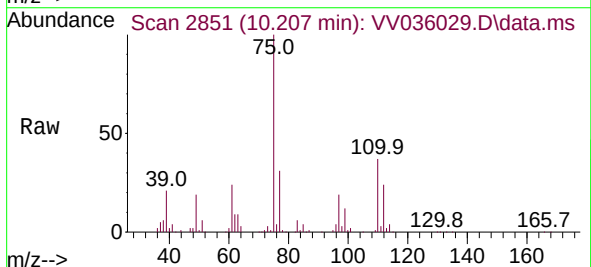
Instrument :
MSVOA_V
ClientSampleId :

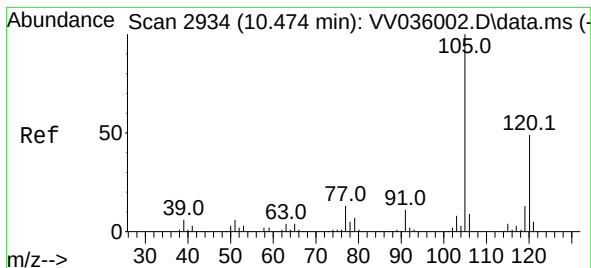
Tgt Ion:105 Resp: 538471
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.6
77 15.8 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 22.988 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV036029.D
Acq: 11 Jun 2024 11:02

Tgt Ion: 75 Resp: 81974
Ion Ratio Lower Upper
75 100
77 30.6 26.0 39.0
110 37.8 32.2 48.4





#62

1,3,5-Trimethylbenzene

Concen: 25.868 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV036029.D

Acq: 11 Jun 2024 11:02

Instrument :

MSVOA_V

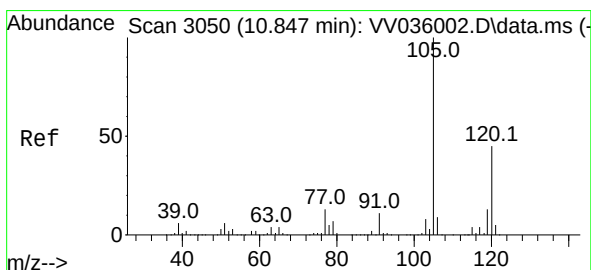
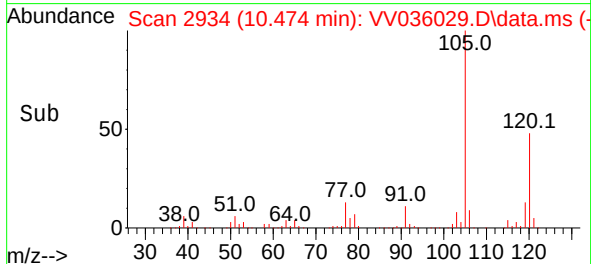
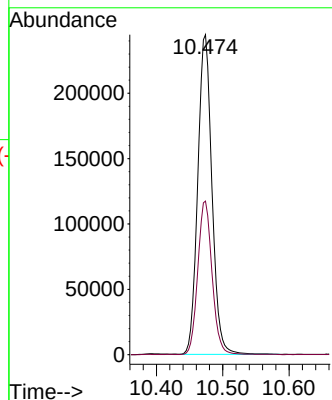
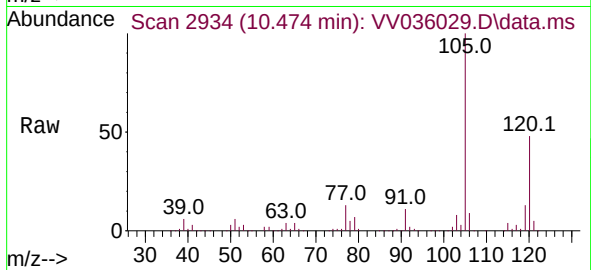
ClientSampleId :

Tgt Ion:105 Resp: 362841

Ion Ratio Lower Upper

105 100

120 48.4 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 25.422 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. -0.000 min

Lab File: VV036029.D

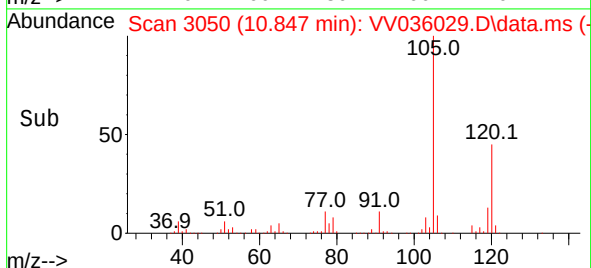
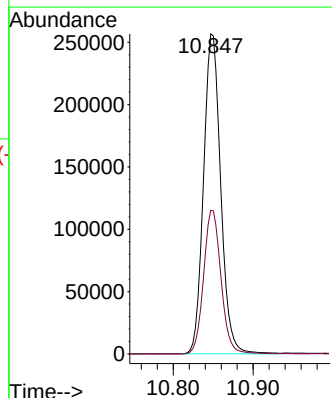
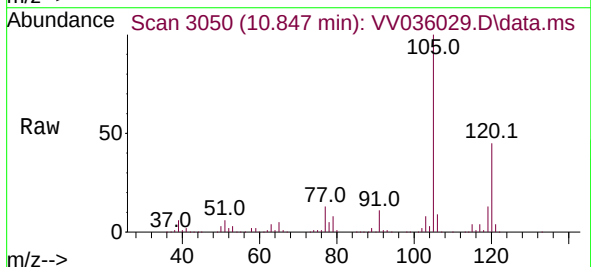
Acq: 11 Jun 2024 11:02

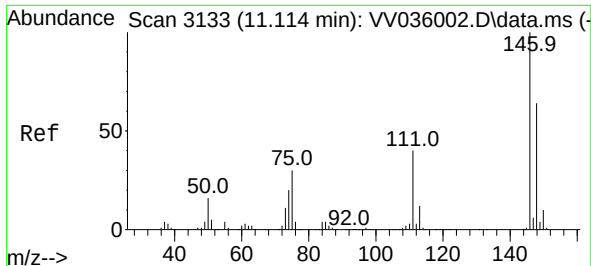
Tgt Ion:105 Resp: 384191

Ion Ratio Lower Upper

105 100

120 45.6 36.2 54.4

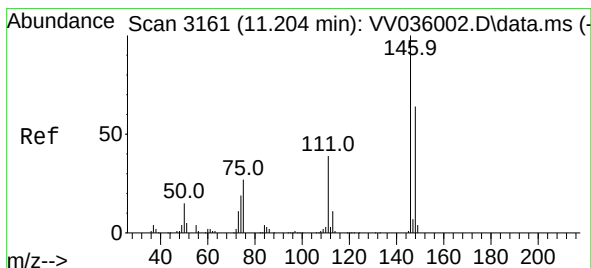
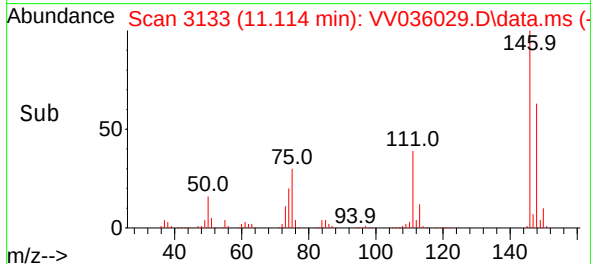
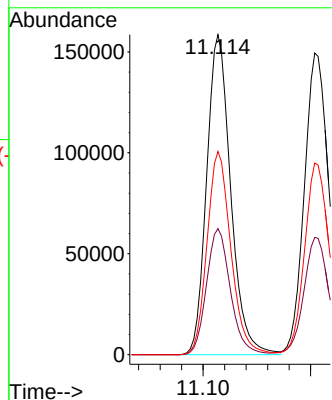
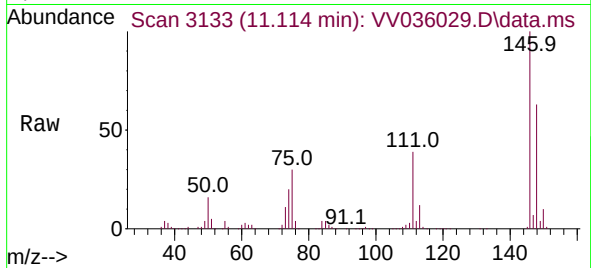




#64
1,3-Dichlorobenzene
Concen: 24.232 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.003 min
Lab File: VV036029.D
Acq: 11 Jun 2024 11:02

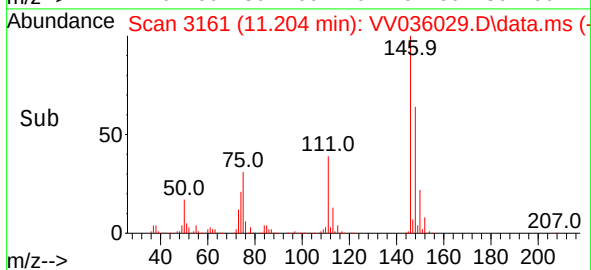
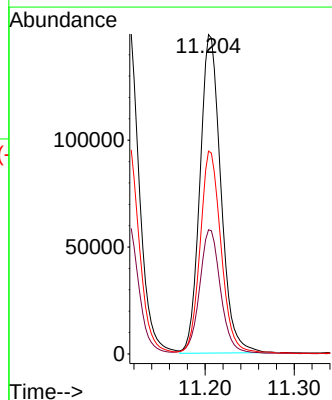
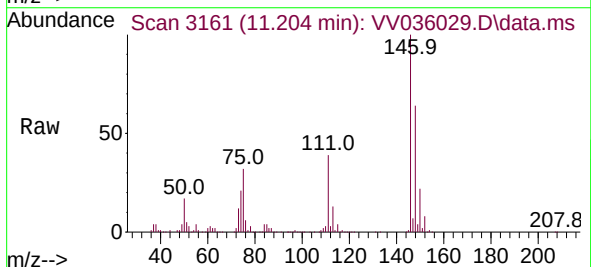
Instrument :
MSVOA_V
ClientSampleId :

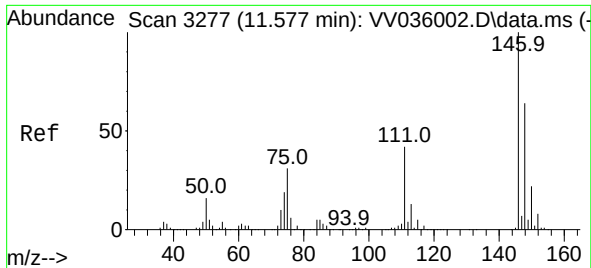
Tgt Ion:146 Resp: 246154
Ion Ratio Lower Upper
146 100
111 39.4 28.1 52.1
148 63.5 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 23.192 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. -0.000 min
Lab File: VV036029.D
Acq: 11 Jun 2024 11:02

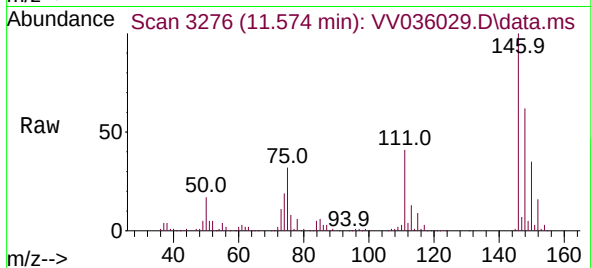
Tgt Ion:146 Resp: 243168
Ion Ratio Lower Upper
146 100
111 38.9 26.9 50.1
148 63.6 44.5 82.7



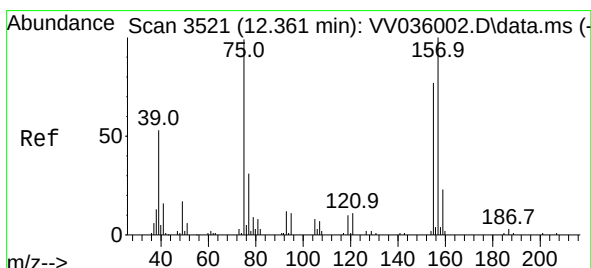
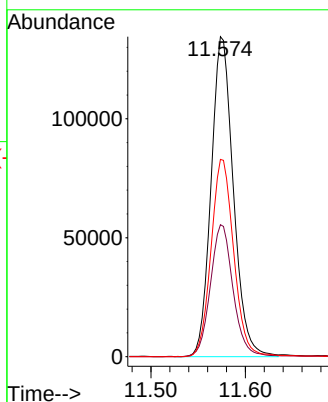
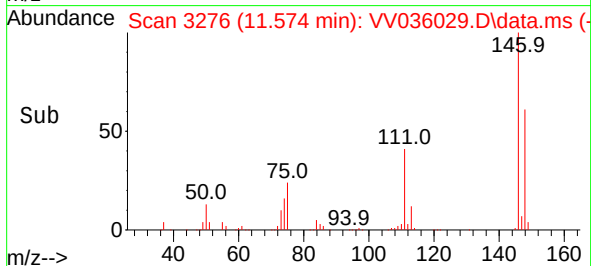


#67
1,2-Dichlorobenzene
Concen: 23.029 ug/L
RT: 11.574 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV036029.D
Acq: 11 Jun 2024 11:02

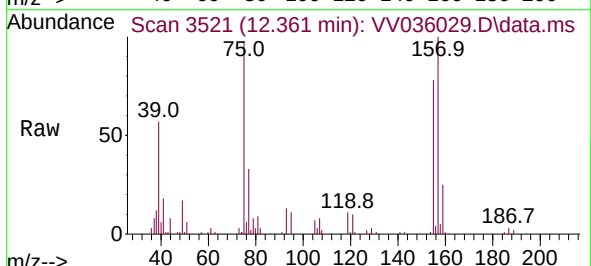
Instrument :
MSVOA_V
ClientSampleId :



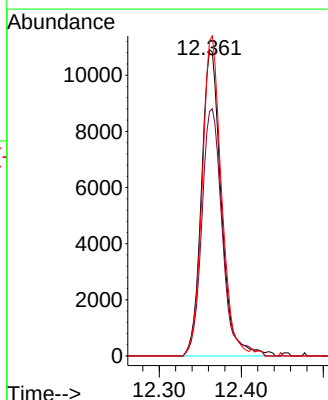
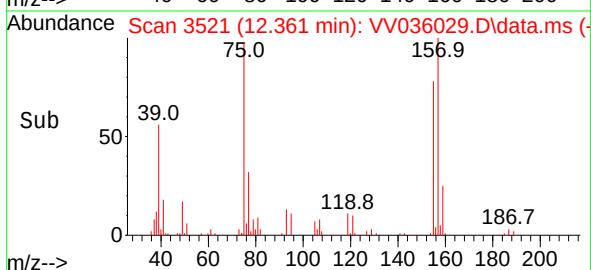
Tgt Ion:146 Resp: 220143
Ion Ratio Lower Upper
146 100
111 41.2 33.5 50.3
148 61.6 50.9 76.3

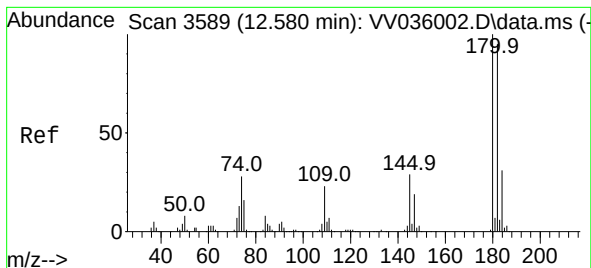


#68
1,2-Dibromo-3-chloropropane
Concen: 22.984 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. -0.000 min
Lab File: VV036029.D
Acq: 11 Jun 2024 11:02



Tgt Ion: 75 Resp: 18327
Ion Ratio Lower Upper
75 100
155 79.8 63.3 94.9
157 103.0 82.4 123.6





#69

1,3,5-Trichlorobenzene

Concen: 22.044 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.003 min

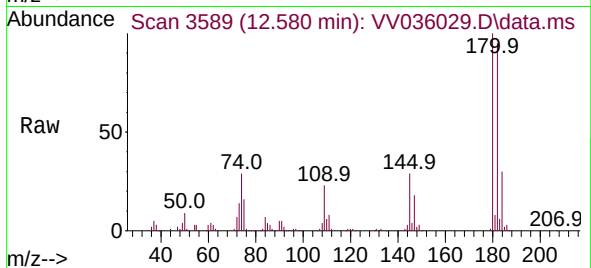
Lab File: VV036029.D

Acq: 11 Jun 2024 11:02

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 167506

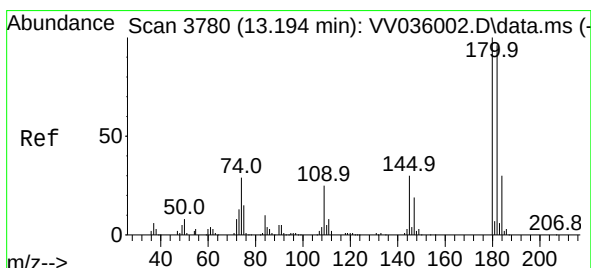
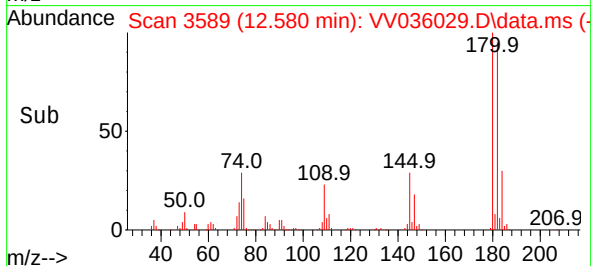
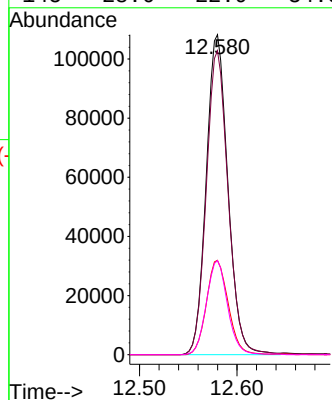
Ion Ratio Lower Upper

180 100

182 95.5 76.2 114.4

184 29.7 24.2 36.2

145 28.6 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 21.674 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.000 min

Lab File: VV036029.D

Acq: 11 Jun 2024 11:02

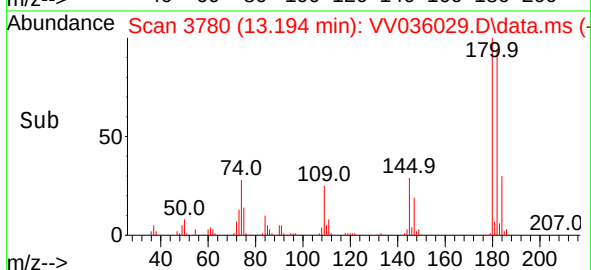
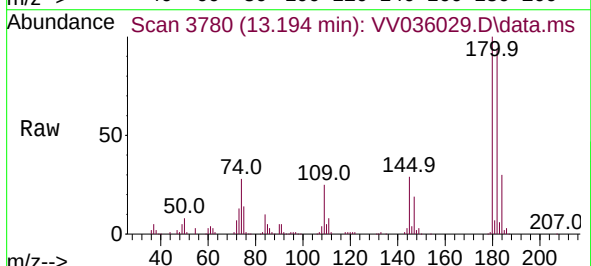
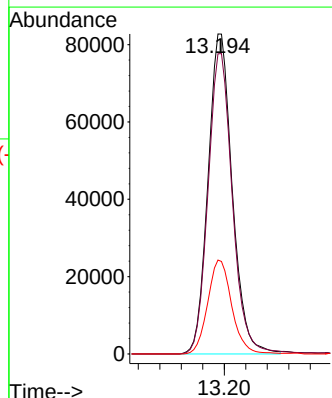
Tgt Ion:180 Resp: 129677

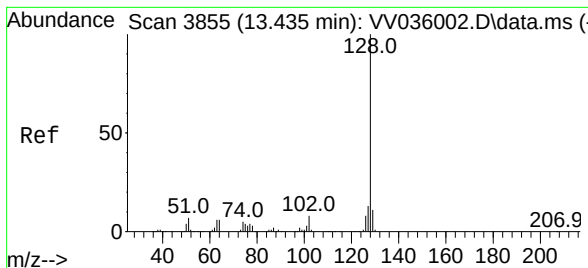
Ion Ratio Lower Upper

180 100

182 94.3 76.1 114.1

145 29.1 23.5 35.3





#71

Naphthalene

Concen: 21.562 ug/L

RT: 13.438 min Scan# 3855

Delta R.T. 0.003 min

Lab File: VV036029.D

Acq: 11 Jun 2024 11:02

Instrument :

MSVOA_V

ClientSampleId :

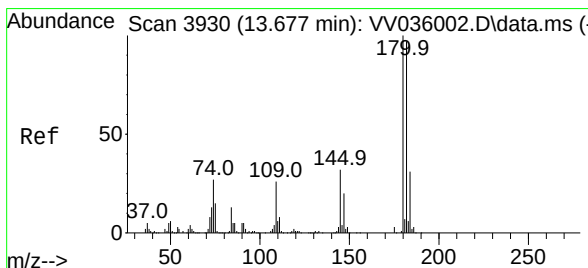
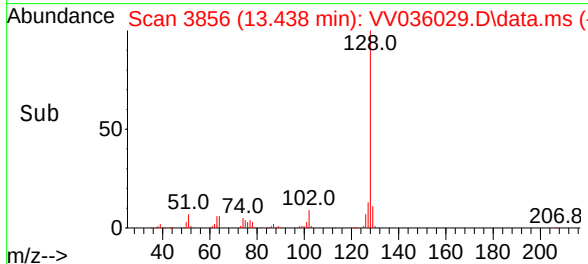
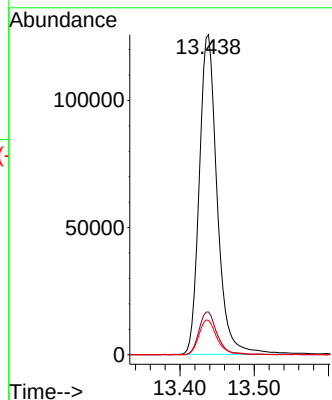
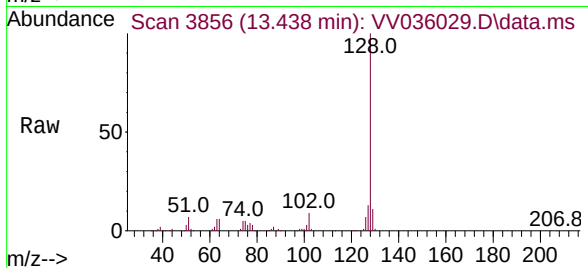
Tgt Ion:128 Resp: 210530

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 21.848 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. -0.000 min

Lab File: VV036029.D

Acq: 11 Jun 2024 11:02

Tgt Ion:180 Resp: 119283

Ion Ratio Lower Upper

180 100

182 96.4 75.1 112.7

145 30.7 25.2 37.8

