

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072224\
 Data File : VV036619.D
 Acq On : 22 Jul 2024 08:57
 Operator : SY/MD
 Sample : VSTD2.5
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 23 01:25:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 23 01:25:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	405490	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	400025	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	214272	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	13345	3.005	ug/L	0.00
7) Chloroethane-d5	1.529	69	11340	2.827	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.050	65	7094	3.021	ug/L	0.00
21) 2-Butanone-d5	3.870	46	40	0.041	ug/L	0.02
24) Chloroform-d	4.246	84	29826	2.781	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	13818	2.612	ug/L	0.01
32) Benzene-d6	4.960	84	51294	2.706	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	14915	2.645	ug/L	0.00
41) Toluene-d8	7.243	98	45067	2.491	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	5899	2.456	ug/L	0.01
47) 2-Hexanone-d5	8.063	63	2386	3.352	ug/L	0.03
56) 1,1,2,2-Tetrachloroeth...	10.153	84	12658	2.688	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	20971	2.804	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	16560	2.408	ug/L	97
3) Chloromethane	1.211	50	12567	2.375	ug/L	97
5) Vinyl chloride	1.278	62	15115	2.310	ug/L	98
6) Bromomethane	1.484	94	12271	2.346	ug/L	96
8) Chloroethane	1.545	64	10505	2.478	ug/L	99
9) Trichlorofluoromethane	1.709	101	28435	2.503	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	17879	2.529	ug/L	98
12) 1,1-Dichloroethene	2.063	96	14900	2.382	ug/L	89
13) Acetone	2.140	43	1864	1.159	ug/L #	1
14) Carbon disulfide	2.233	76	38370	2.210	ug/L	99
15) Methyl Acetate	2.397	43	5562	2.832	ug/L #	54
16) Methylene chloride	2.442	84	22310	2.957	ug/L	95
17) trans-1,2-Dichloroethene	2.690	96	14704	2.327	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	29385	2.218	ug/L	96
19) 1,1-Dichloroethane	3.108	63	23268	2.348	ug/L	96
20) cis-1,2-Dichloroethene	3.818	96	14815	2.245	ug/L	96
22) 2-Butanone	3.966	43	695	0.538	ug/L	78
23) Bromochloromethane	4.150	128	3437	0.989	ug/L	96
25) Chloroform	4.272	83	29221	2.442	ug/L	95
27) 1,2-Dichloroethane	5.050	62	16815	2.342	ug/L	100
29) Cyclohexane	4.574	56	14608	2.048	ug/L	98
30) 1,1,1-Trichloroethane	4.507	97	25221	2.437	ug/L	99
31) Carbon tetrachloride	4.728	117	23345	2.414	ug/L	99
33) Benzene	5.008	78	52027	2.290	ug/L	100
34) Trichloroethene	5.834	95	17684	2.379	ug/L	98
35) Methylcyclohexane	6.043	83	21604	2.182	ug/L	97
37) 1,2-Dichloropropane	6.095	63	11637	2.226	ug/L	97
38) Bromodichloromethane	6.436	83	21018	2.466	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	17081	1.934	ug/L	99
40) 4-Methyl-2-pentanone	7.172	43	9732	4.085	ug/L #	82
42) Toluene	7.317	91	52748	2.096	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	15156	1.982	ug/L	95

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

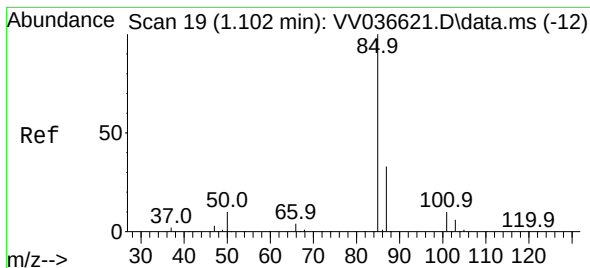
45) 1,1,2-Trichloroethane	7.770	97	11793	2.313	ug/L	95
46) Tetrachloroethene	7.902	164	22799	3.090	ug/L	96
48) 2-Hexanone	8.056	43	309	0.166	ug/L #	39
49) Dibromochloromethane	8.178	129	14612	2.275	ug/L	92
50) 1,2-Dibromoethane	8.288	107	11446	2.234	ug/L	98
51) Chlorobenzene	8.812	112	43010	2.361	ug/L	97
52) Ethylbenzene	8.947	91	57010	2.060	ug/L	99
53) m,p-Xylene	9.075	106	20610	1.907	ug/L	94
54) o-Xylene	9.477	106	19595	1.887	ug/L	98
55) Styrene	9.500	104	30987	1.760	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	10721	2.321	ug/L	94
59) Bromoform	9.667	173	9764	2.420	ug/L #	94
60) Isopropylbenzene	9.863	105	53816	2.052	ug/L	99
61) 1,2,3-Trichloropropane	10.211	75	9447	2.501	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	36439	1.782	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	37617	1.817	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	35280	2.407	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	37556	2.488	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	32470	2.382	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.368	75	2115	2.378	ug/L	93
69) 1,3,5-Trichlorobenzene	12.580	180	28013	2.423	ug/L	98
70) 1,2,4-trichlorobenzene	13.198	180	21758	2.317	ug/L	100
71) Naphthalene	13.442	128	27963	2.033	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	19780	2.334	ug/L	98

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

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MSVOA_V
ClientSampleId :

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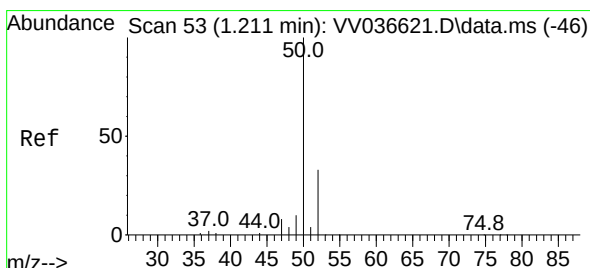
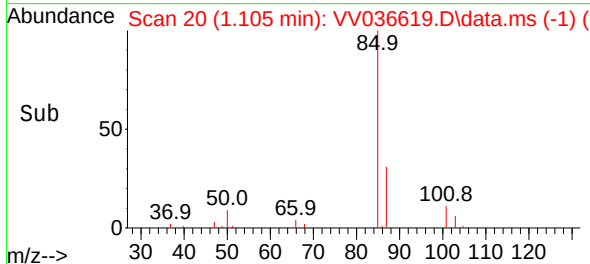
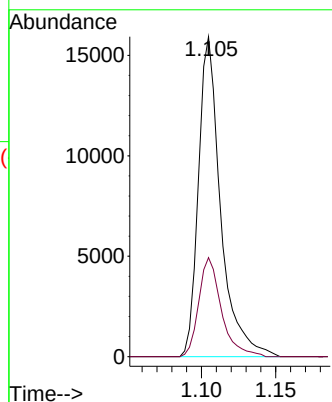
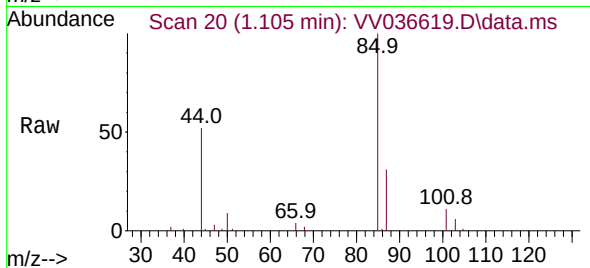




#2
 Dichlorodifluoromethane
 Concen: 2.408 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VV036619.D
 Acq: 22 Jul 2024 08:57

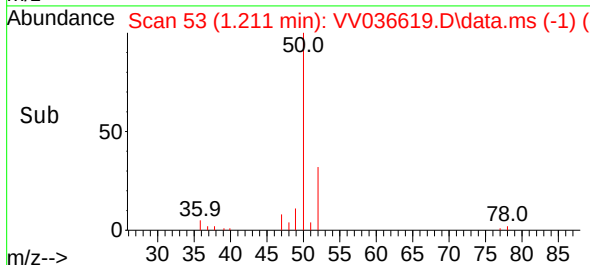
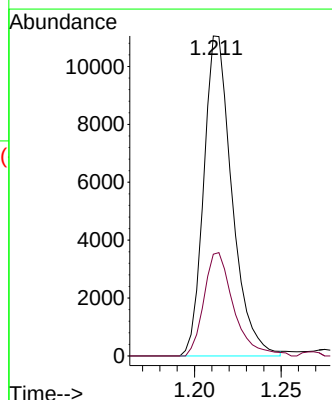
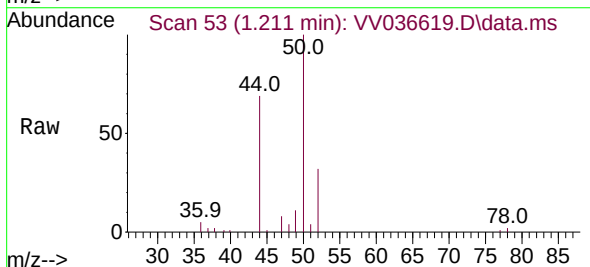
Instrument :
 MSVOA_V
 ClientSampleId :

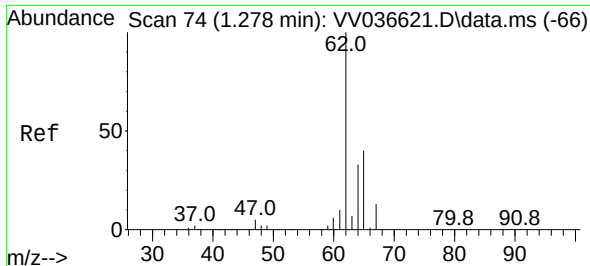
Tgt Ion: 85 Resp: 16560
 Ion Ratio Lower Upper
 85 100
 87 31.5 26.5 39.7



#3
 Chloromethane
 Concen: 2.375 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. 0.000 min
 Lab File: VV036619.D
 Acq: 22 Jul 2024 08:57

Tgt Ion: 50 Resp: 12567
 Ion Ratio Lower Upper
 50 100
 52 31.8 23.3 43.3

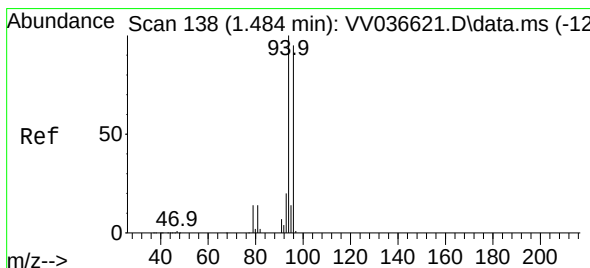
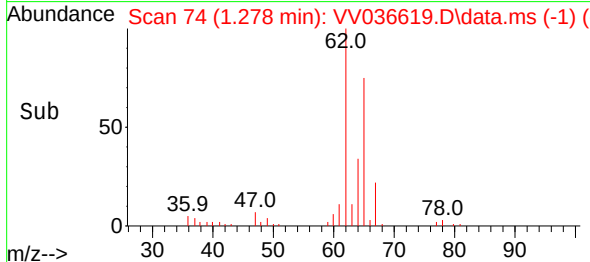
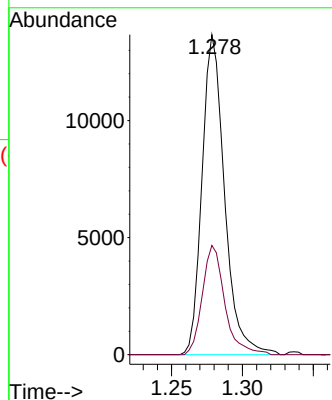
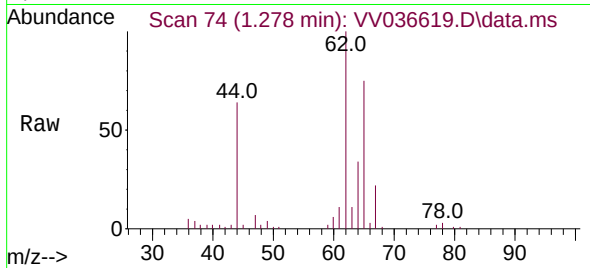




#5
 Vinyl chloride
 Concen: 2.310 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VV036619.D
 Acq: 22 Jul 2024 08:57

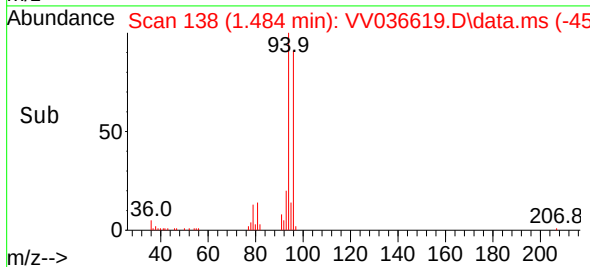
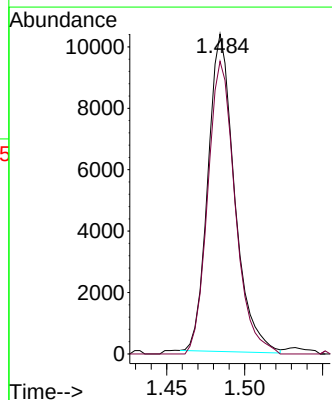
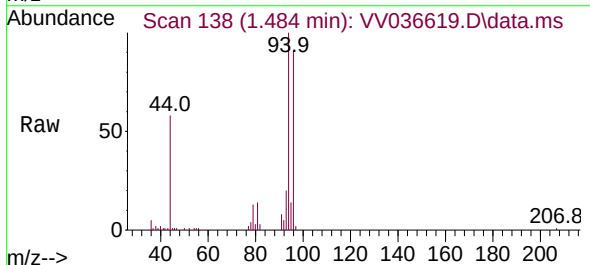
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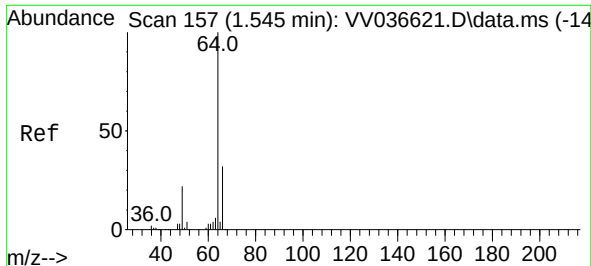
Tgt Ion: 62 Resp: 15115
 Ion Ratio Lower Upper
 62 100
 64 34.2 23.1 42.9



#6
 Bromomethane
 Concen: 2.346 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV036619.D
 Acq: 22 Jul 2024 08:57

Tgt Ion: 94 Resp: 12271
 Ion Ratio Lower Upper
 94 100
 96 91.4 66.6 123.6

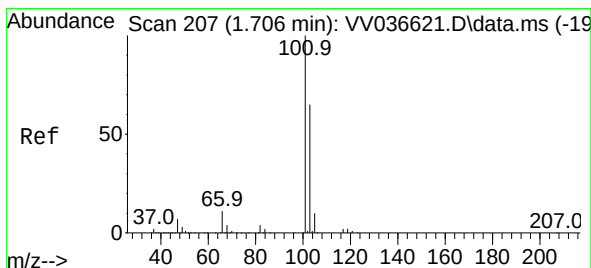
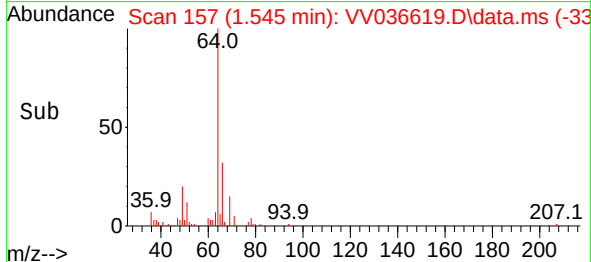
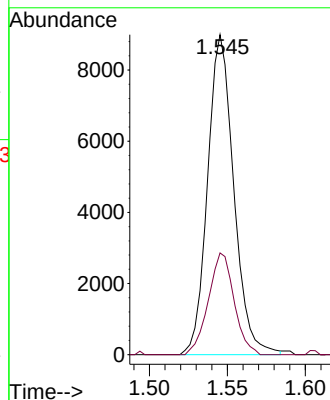
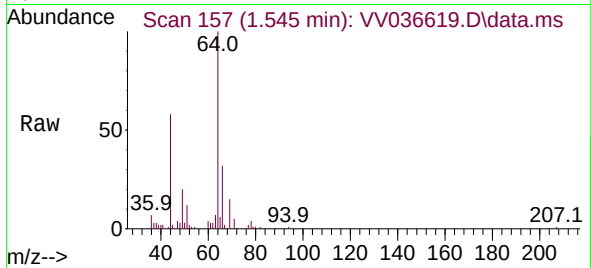




#8
Chloroethane
Concen: 2.478 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV036619.D
Acq: 22 Jul 2024 08:57

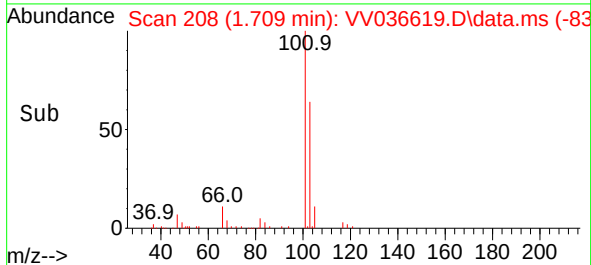
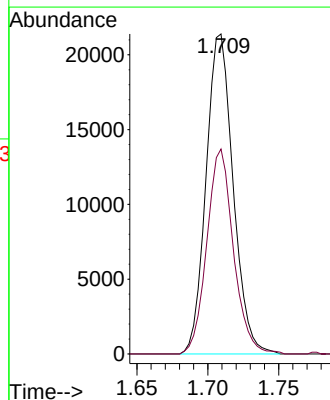
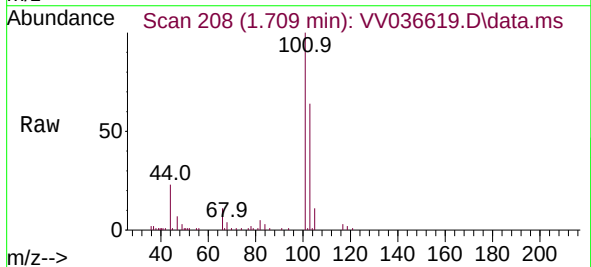
Instrument :
MSVOA_V
ClientSampleId :

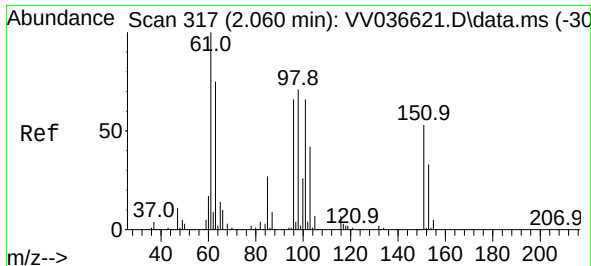
Tgt Ion: 64 Resp: 10505
Ion Ratio Lower Upper
64 100
66 31.8 22.7 42.1



#9
Trichlorofluoromethane
Concen: 2.503 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.003 min
Lab File: VV036619.D
Acq: 22 Jul 2024 08:57

Tgt Ion:101 Resp: 28435
Ion Ratio Lower Upper
101 100
103 62.9 52.2 78.4





#10

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

Concen: 2.529 ug/L

RT: 2.060 min Scan# 317

Delta R.T. 0.000 min

Lab File: VV036619.D

Acq: 22 Jul 2024 08:57

Instrument :

MSVOA_V

ClientSampleId :

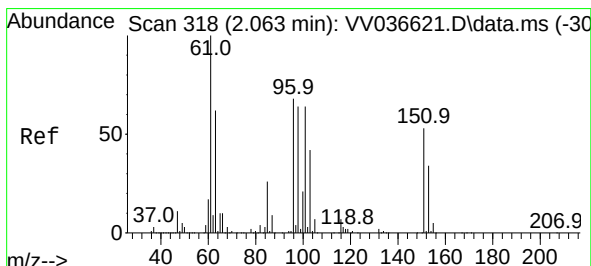
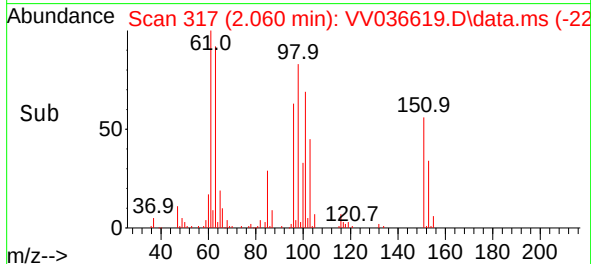
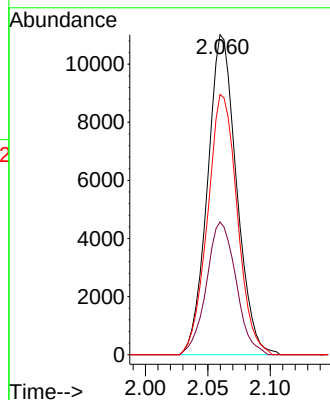
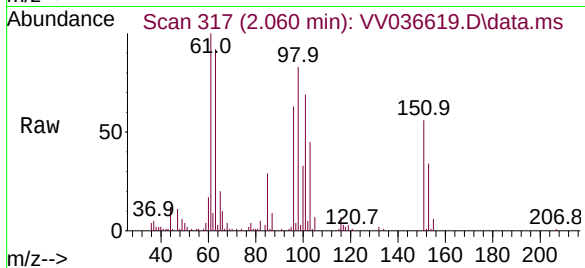
Tgt Ion:101 Resp: 17879

Ion Ratio Lower Upper

101 100

85 42.2 32.4 48.6

151 83.1 64.9 97.3



#12

1,1-Dichloroethene

Concen: 2.382 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV036619.D

Acq: 22 Jul 2024 08:57

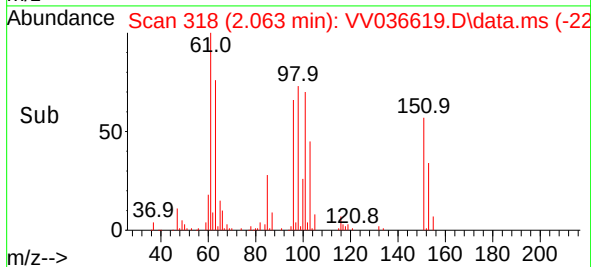
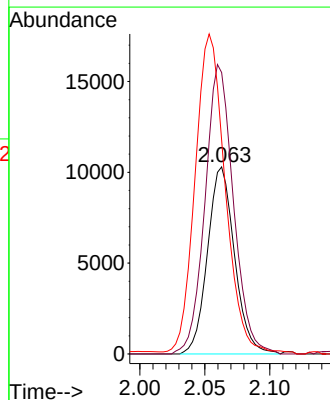
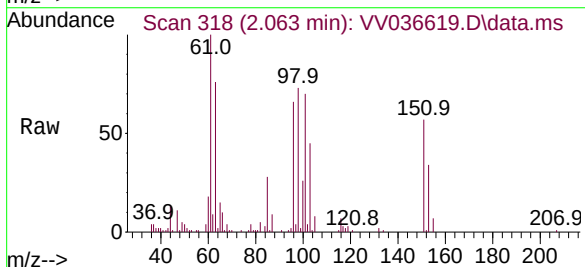
Tgt Ion: 96 Resp: 14900

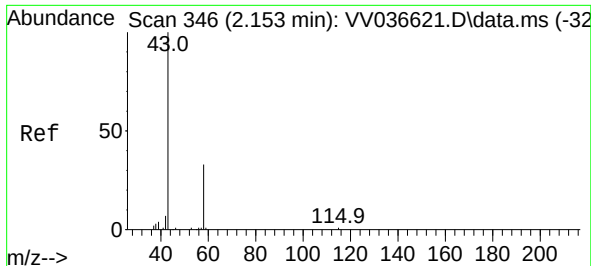
Ion Ratio Lower Upper

96 100

61 150.6 102.3 189.9

63 114.3 64.1 119.1





#13

Acetone

Concen: 1.159 ug/L

RT: 2.140 min Scan# 346

Delta R.T. -0.013 min

Lab File: VV036619.D

Acq: 22 Jul 2024 08:57

Instrument :

MSVOA_V

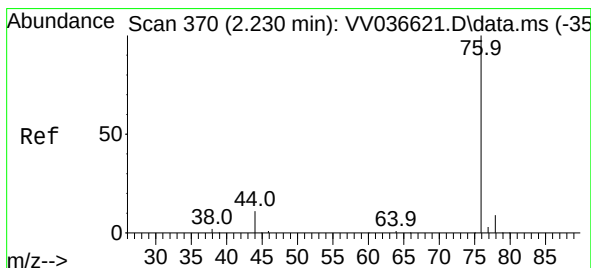
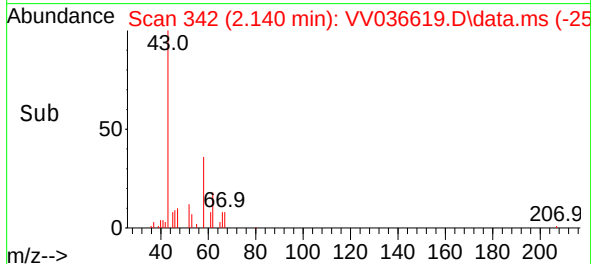
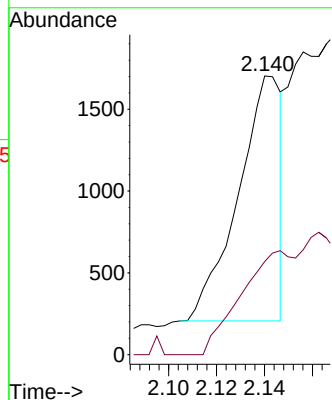
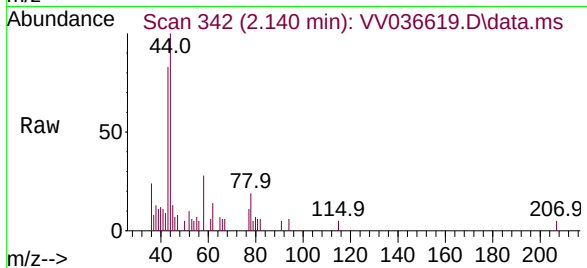
ClientSampleId :

Tgt Ion: 43 Resp: 1864

Ion Ratio Lower Upper

43 100

58 53.3 0.0 23.0#



#14

Carbon disulfide

Concen: 2.210 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.003 min

Lab File: VV036619.D

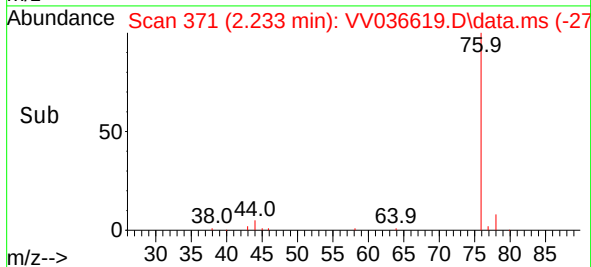
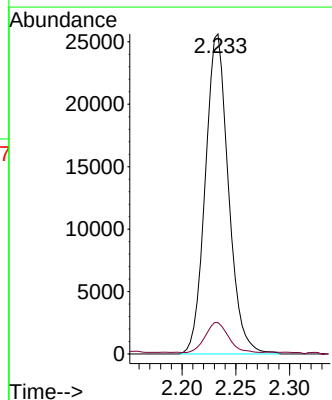
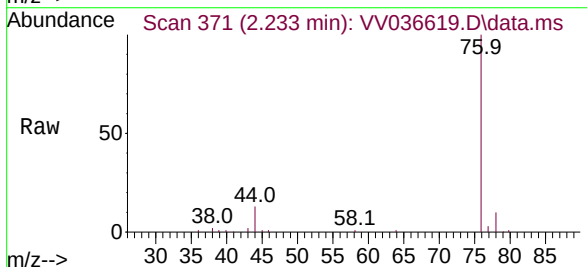
Acq: 22 Jul 2024 08:57

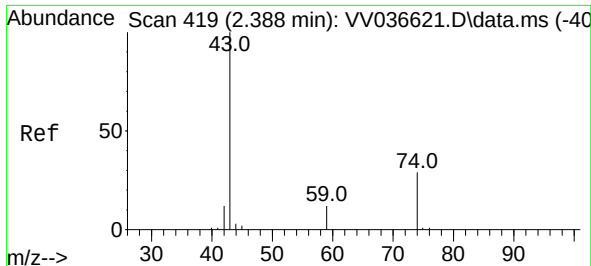
Tgt Ion: 76 Resp: 38370

Ion Ratio Lower Upper

76 100

78 9.8 7.5 11.3





#15

Methyl Acetate

Concen: 2.832 ug/L

RT: 2.397 min Scan# 41

Delta R.T. 0.010 min

Lab File: VV036619.D

Acq: 22 Jul 2024 08:57

Instrument :

MSVOA_V

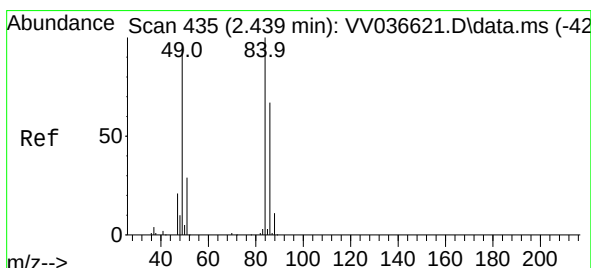
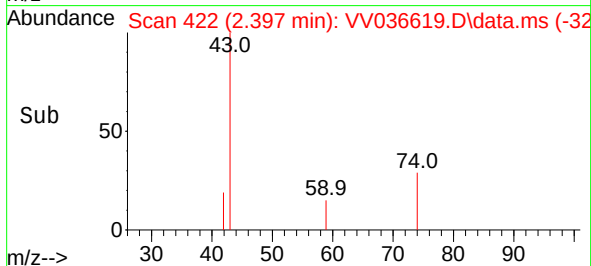
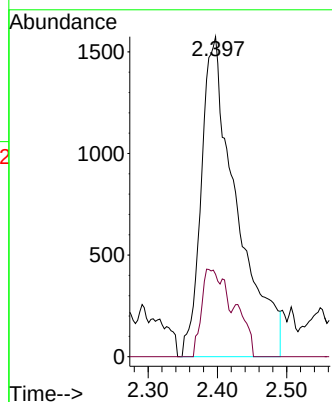
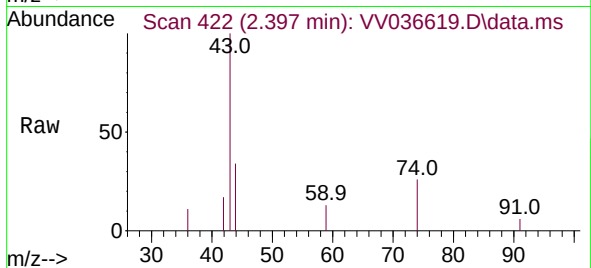
ClientSampleId :

Tgt Ion: 43 Resp: 5562

Ion Ratio Lower Upper

43 100

74 8.0 27.8 41.8#



#16

Methylene chloride

Concen: 2.957 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV036619.D

Acq: 22 Jul 2024 08:57

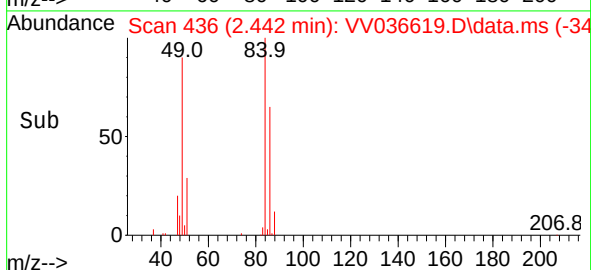
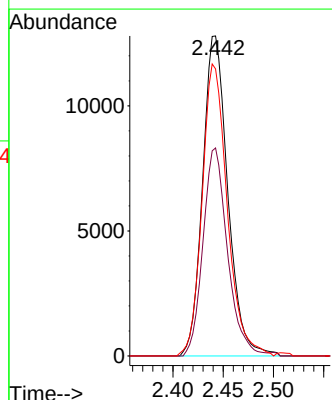
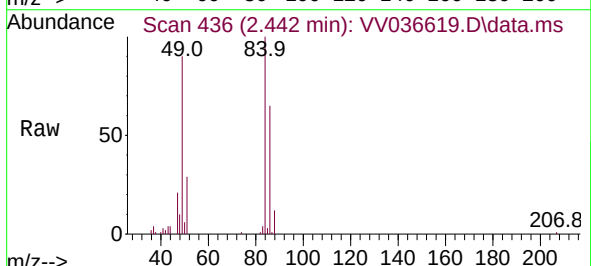
Tgt Ion: 84 Resp: 22310

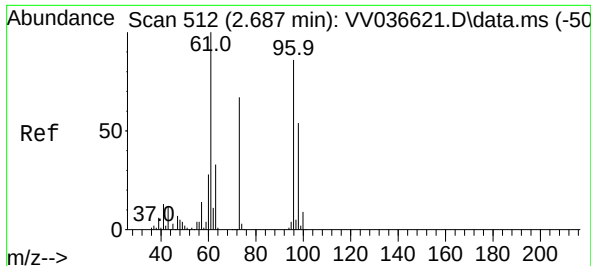
Ion Ratio Lower Upper

84 100

86 65.0 47.2 87.6

49 89.7 67.3 125.1

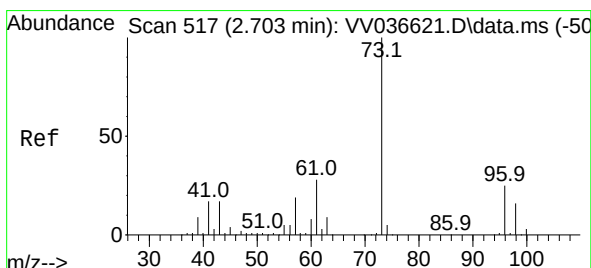
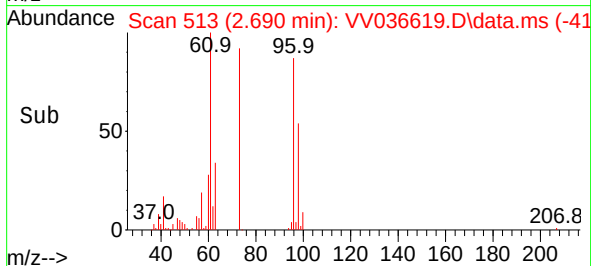
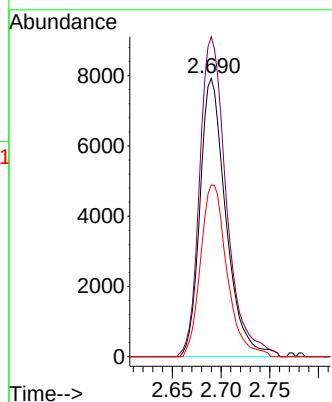
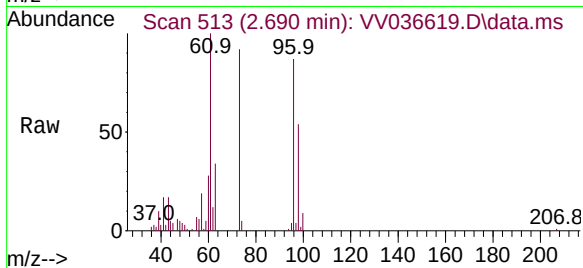




#17
trans-1,2-Dichloroethene
Concen: 2.327 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV036619.D
Acq: 22 Jul 2024 08:57

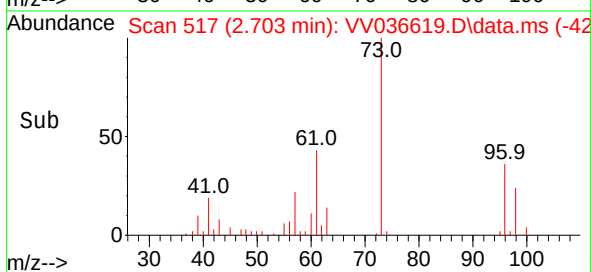
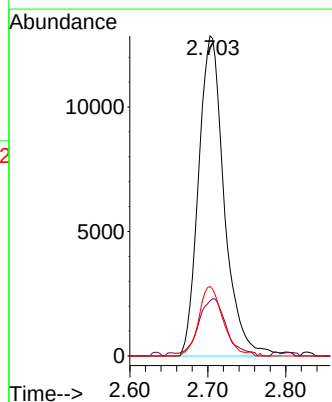
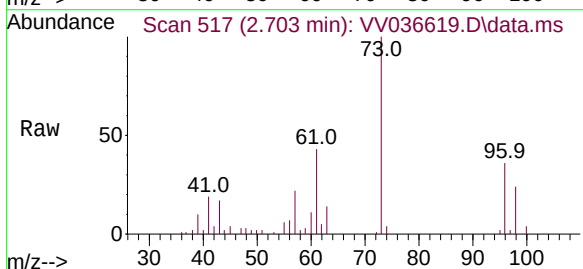
Instrument :
MSVOA_V
ClientSampleId :

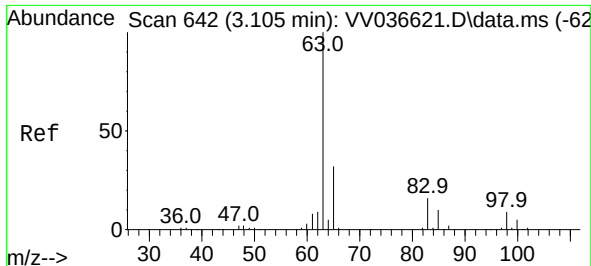
Tgt Ion: 96 Resp: 14704
Ion Ratio Lower Upper
96 100
61 115.0 81.5 151.5
98 61.7 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 2.218 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV036619.D
Acq: 22 Jul 2024 08:57

Tgt Ion: 73 Resp: 29385
Ion Ratio Lower Upper
73 100
43 19.4 13.8 20.6
57 20.3 15.4 23.2

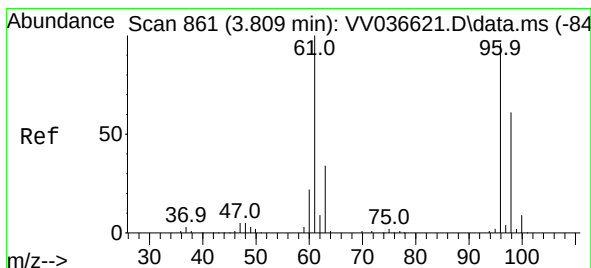
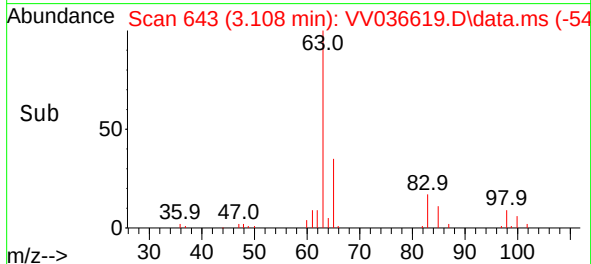
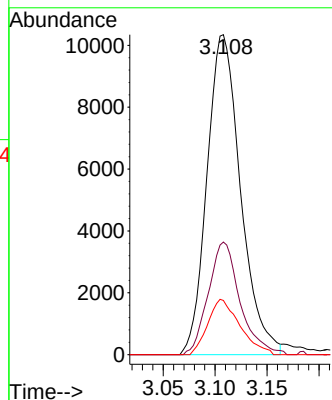
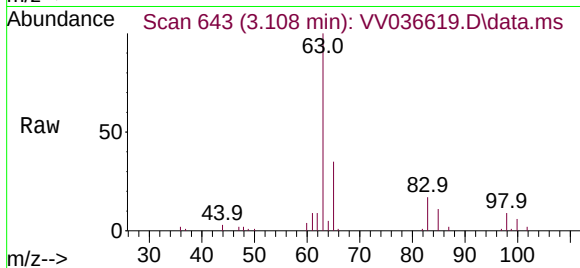




#19
1,1-Dichloroethane
Concen: 2.348 ug/L
RT: 3.108 min Scan# 642
Delta R.T. 0.003 min
Lab File: VV036619.D
Acq: 22 Jul 2024 08:57

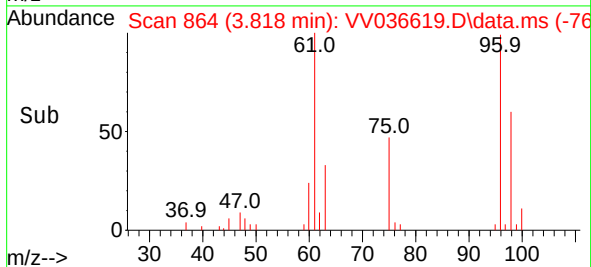
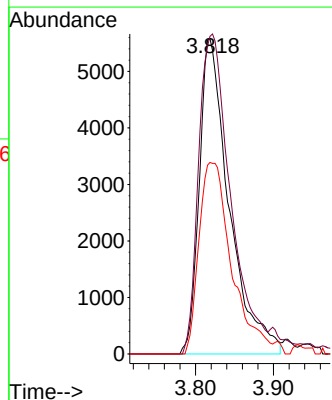
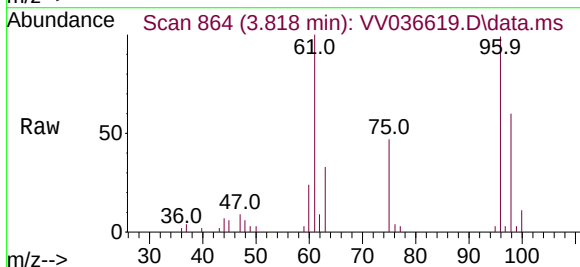
Instrument :
MSVOA_V
ClientSampleId :

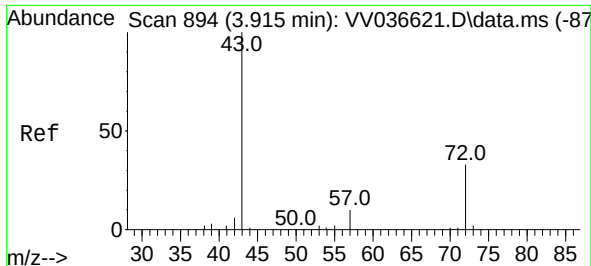
Tgt Ion: 63 Resp: 23268
Ion Ratio Lower Upper
63 100
65 35.2 22.7 42.1
83 17.0 11.1 20.7



#20
cis-1,2-Dichloroethene
Concen: 2.245 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.010 min
Lab File: VV036619.D
Acq: 22 Jul 2024 08:57

Tgt Ion: 96 Resp: 14815
Ion Ratio Lower Upper
96 100
61 100.7 73.0 135.6
98 60.7 44.8 83.2

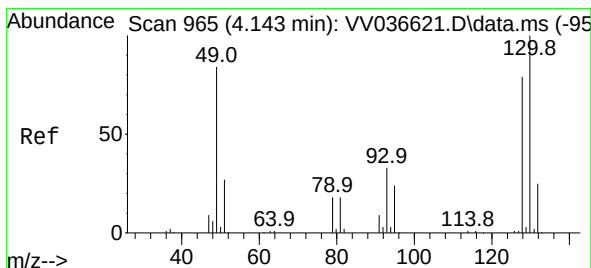
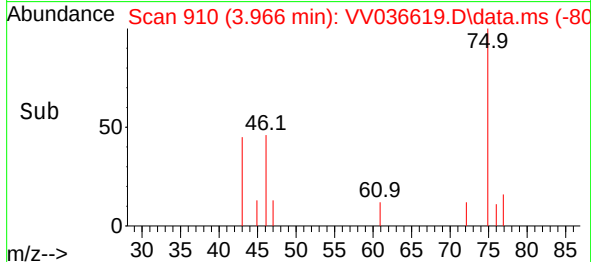
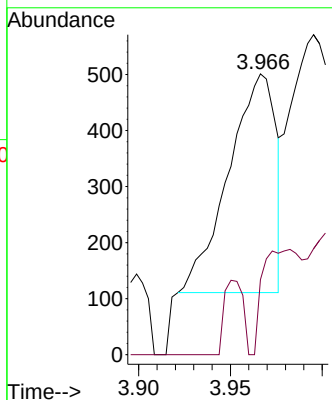
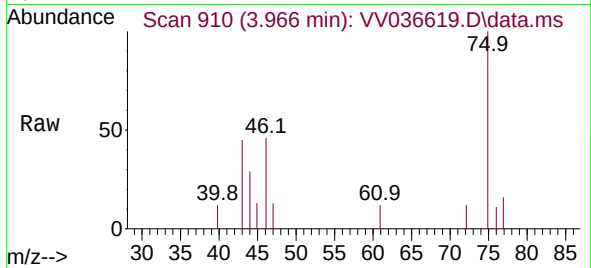




#22
2-Butanone
Concen: 0.538 ug/L
RT: 3.966 min Scan# 910
Delta R.T. 0.051 min
Lab File: VV036619.D
Acq: 22 Jul 2024 08:57

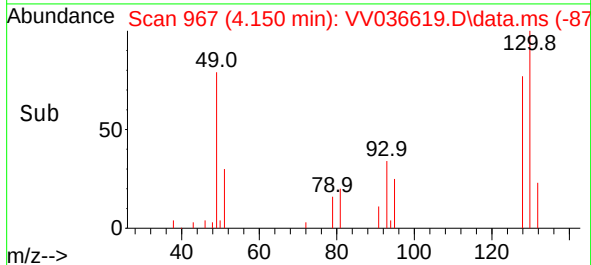
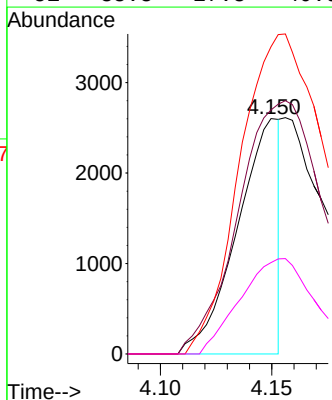
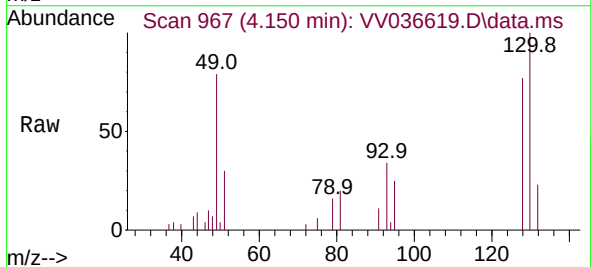
Instrument :
MSVOA_V
ClientSampleId :

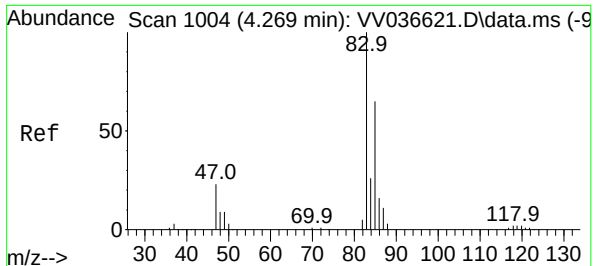
Tgt Ion: 43 Resp: 695
Ion Ratio Lower Upper
43 100
72 18.6 15.2 45.5



#23
Bromochloromethane
Concen: 0.989 ug/L
RT: 4.150 min Scan# 967
Delta R.T. 0.006 min
Lab File: VV036619.D
Acq: 22 Jul 2024 08:57

Tgt Ion: 128 Resp: 3437
Ion Ratio Lower Upper
128 100
49 103.7 74.4 138.2
130 130.6 88.6 164.6
51 38.8 27.3 40.9





#25

Chloroform

Concen: 2.442 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.003 min

Lab File: VV036619.D

Acq: 22 Jul 2024 08:57

Instrument :

MSVOA_V

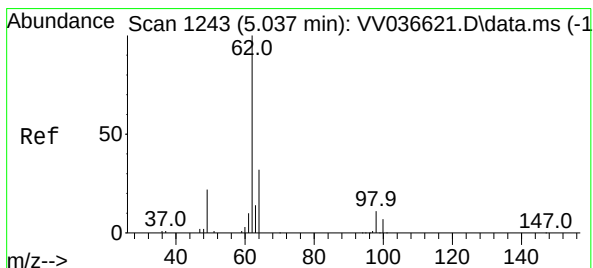
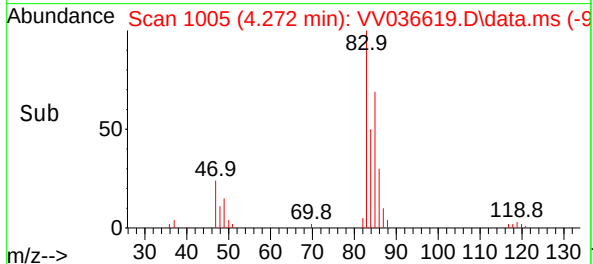
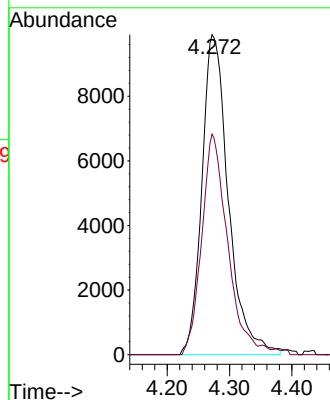
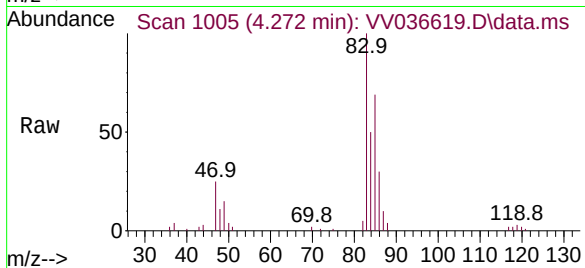
ClientSampleId :

Tgt Ion: 83 Resp: 29221

Ion Ratio Lower Upper

83 100

85 68.9 45.6 84.6



#27

1,2-Dichloroethane

Concen: 2.342 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.013 min

Lab File: VV036619.D

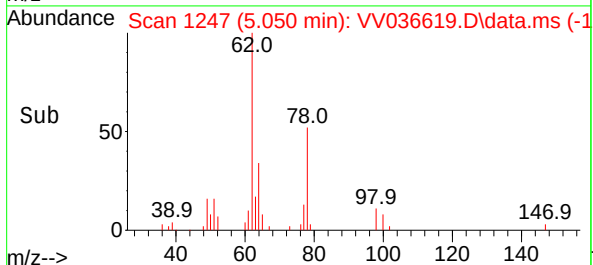
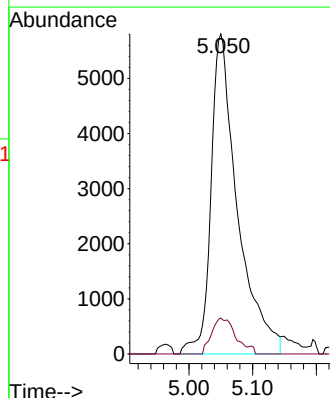
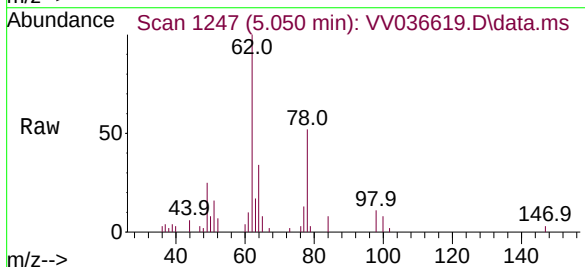
Acq: 22 Jul 2024 08:57

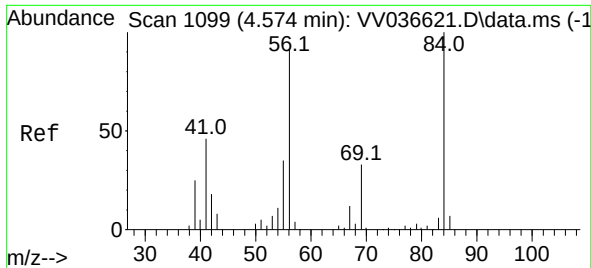
Tgt Ion: 62 Resp: 16815

Ion Ratio Lower Upper

62 100

98 11.3 9.0 13.6





#29

Cyclohexane

Concen: 2.048 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.000 min

Lab File: VV036619.D

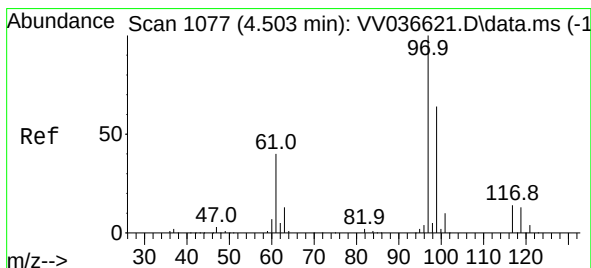
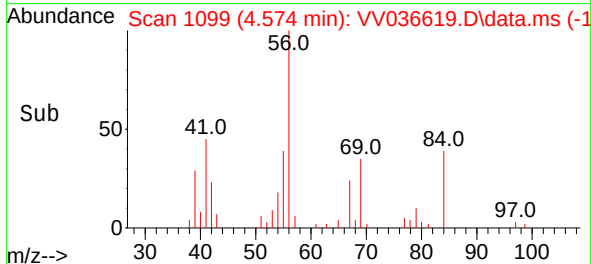
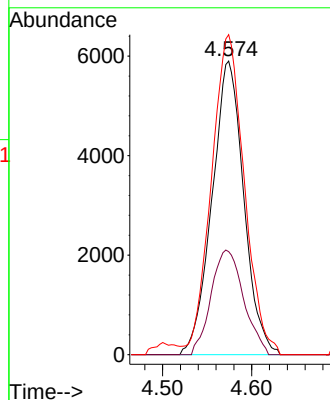
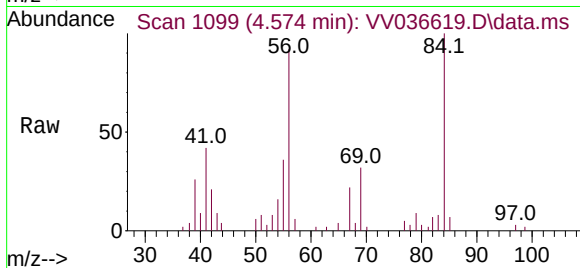
Acq: 22 Jul 2024 08:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 56	Resp:	14608
Ion	Ratio	Lower Upper
56	100	
69	36.5	28.5 42.7
84	113.0	88.6 132.8



#30

1,1,1-Trichloroethane

Concen: 2.437 ug/L

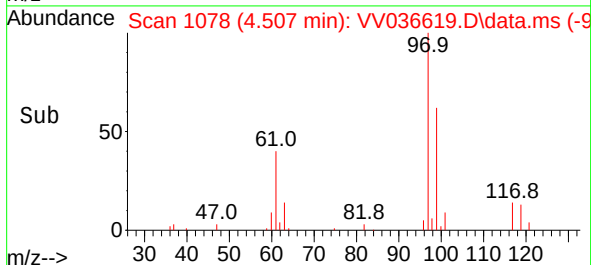
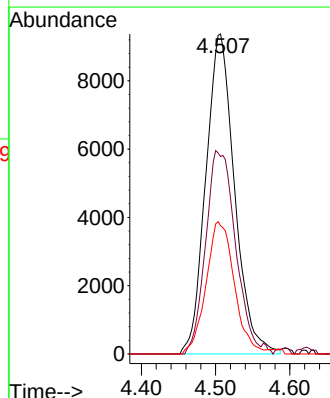
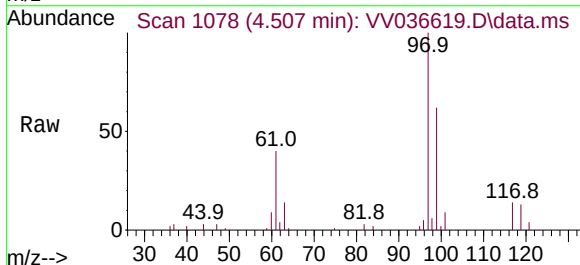
RT: 4.507 min Scan# 1078

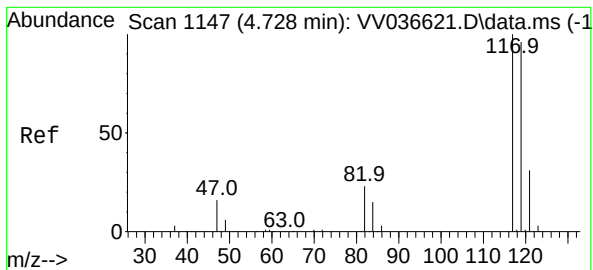
Delta R.T. 0.003 min

Lab File: VV036619.D

Acq: 22 Jul 2024 08:57

Tgt Ion: 97	Resp:	25221
Ion	Ratio	Lower Upper
97	100	
99	65.7	51.6 77.4
61	40.5	31.9 47.9

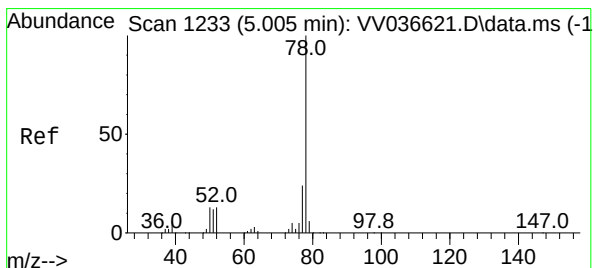
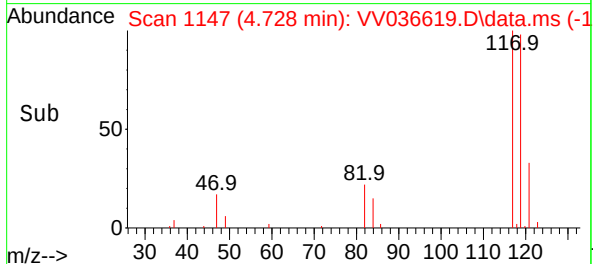
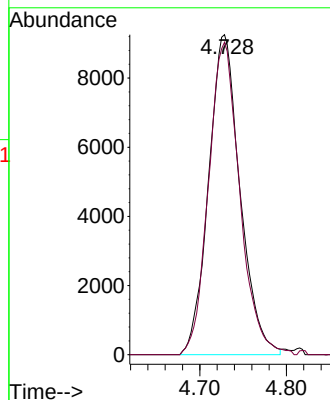
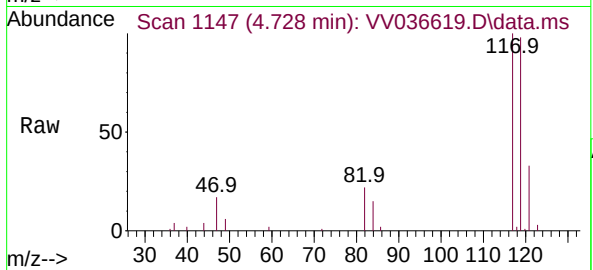




#31
Carbon tetrachloride
Concen: 2.414 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. -0.000 min
Lab File: VV036619.D
Acq: 22 Jul 2024 08:57

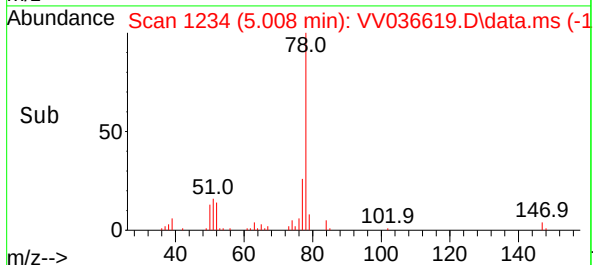
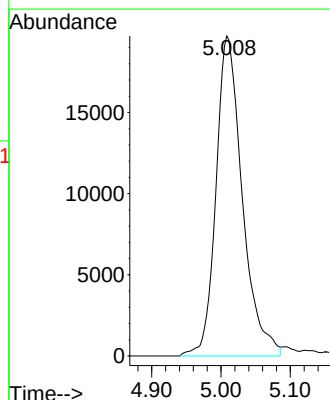
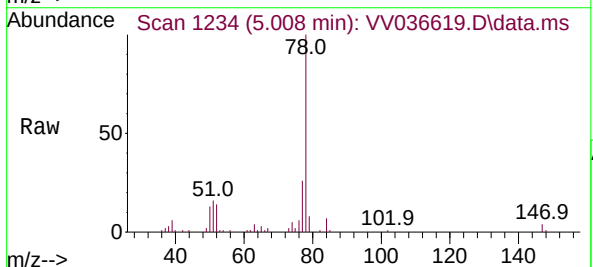
Instrument :
MSVOA_V
ClientSampleId :

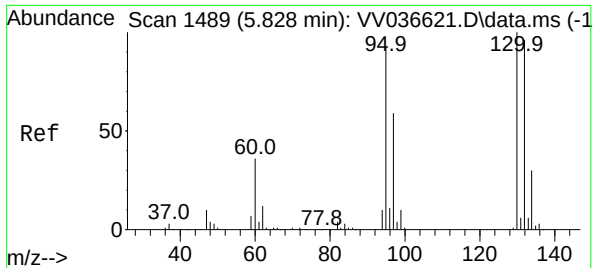
Tgt Ion:117 Resp: 23345
Ion Ratio Lower Upper
117 100
119 97.1 76.6 115.0



#33
Benzene
Concen: 2.290 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV036619.D
Acq: 22 Jul 2024 08:57

Tgt Ion: 78 Resp: 52027



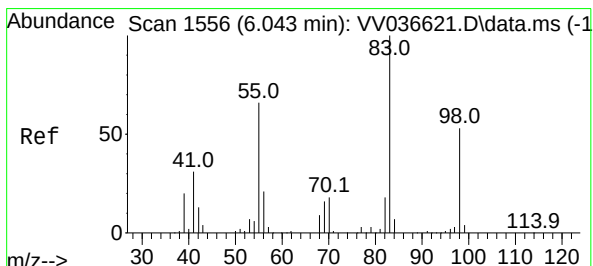
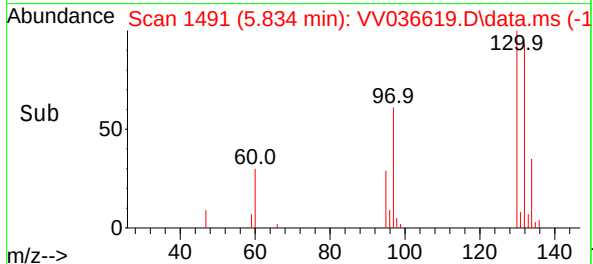
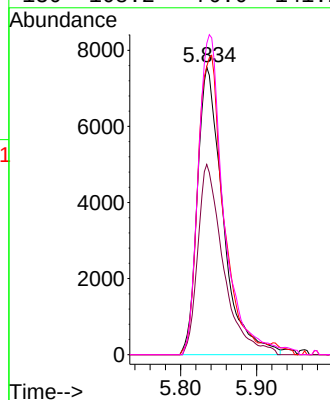
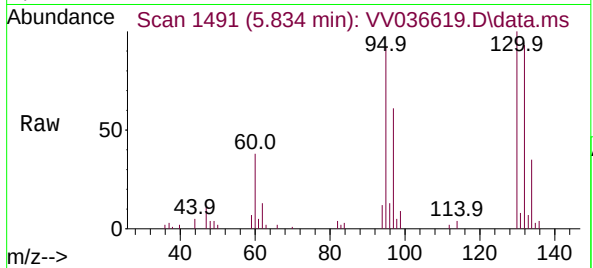


#34
Trichloroethene
Concen: 2.379 ug/L
RT: 5.834 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VV036619.D
Acq: 22 Jul 2024 08:57

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 17684

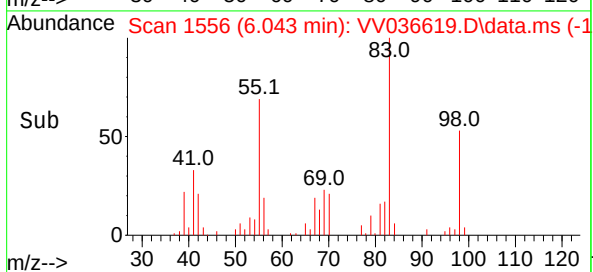
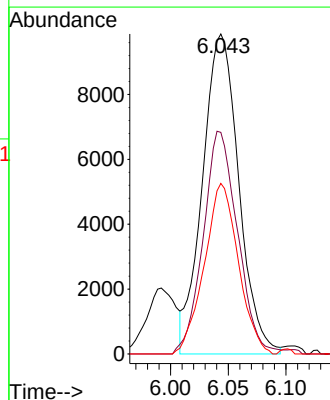
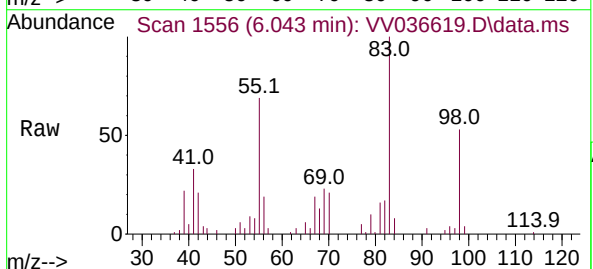
Ion	Ratio	Lower	Upper
95	100		
97	66.1	45.1	83.7
132	100.2	72.7	134.9
130	108.2	76.0	141.2

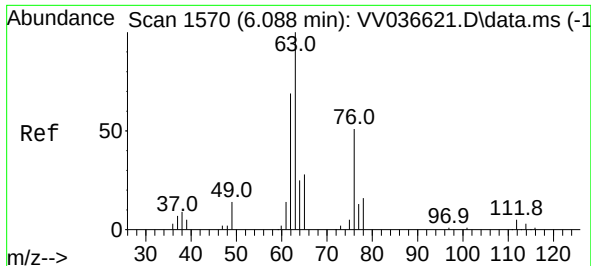


#35
Methylcyclohexane
Concen: 2.182 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VV036619.D
Acq: 22 Jul 2024 08:57

Tgt Ion: 83 Resp: 21604

Ion	Ratio	Lower	Upper
83	100		
55	65.9	50.8	76.2
98	49.9	41.3	61.9





#37

1,2-Dichloropropane

Concen: 2.226 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV036619.D

Acq: 22 Jul 2024 08:57

Instrument :

MSVOA_V

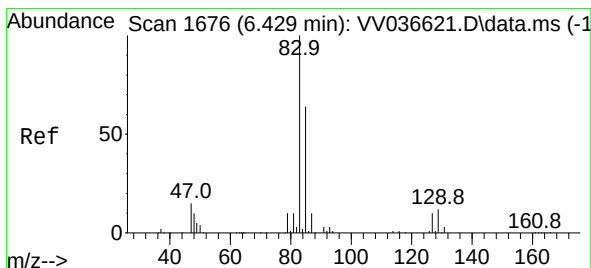
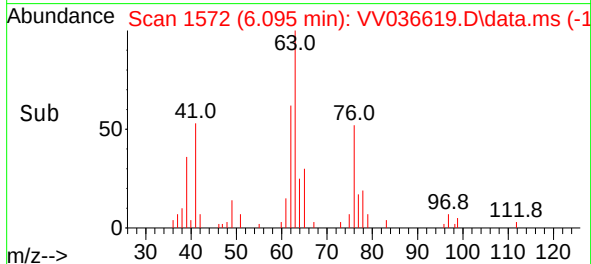
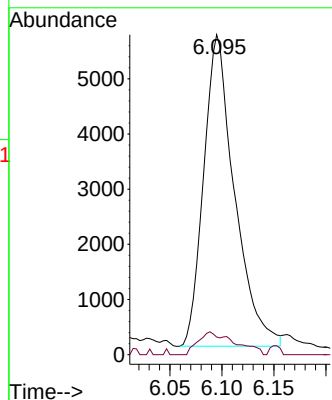
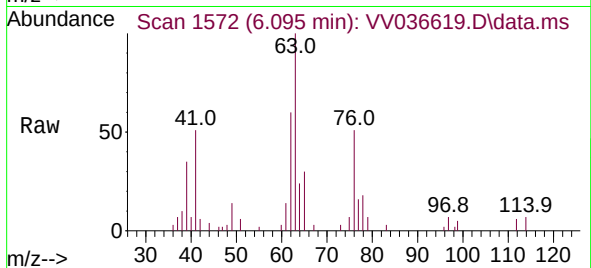
ClientSampleId :

Tgt Ion: 63 Resp: 11637

Ion Ratio Lower Upper

63 100

112 4.8 4.8 7.2



#38

Bromodichloromethane

Concen: 2.466 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VV036619.D

Acq: 22 Jul 2024 08:57

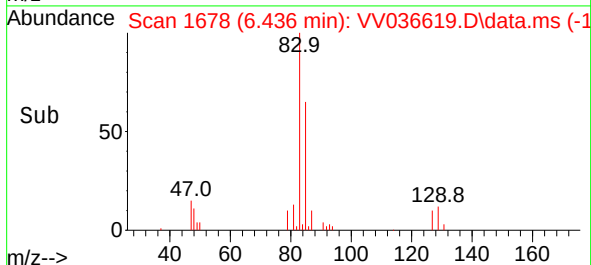
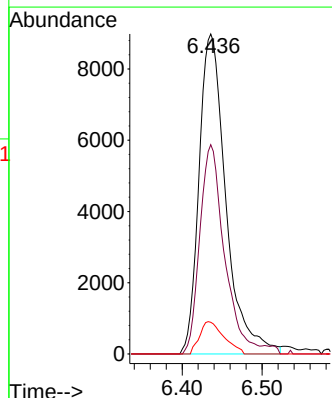
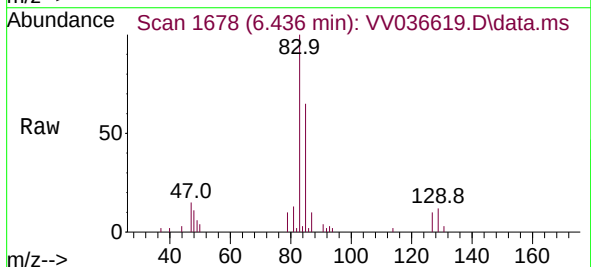
Tgt Ion: 83 Resp: 21018

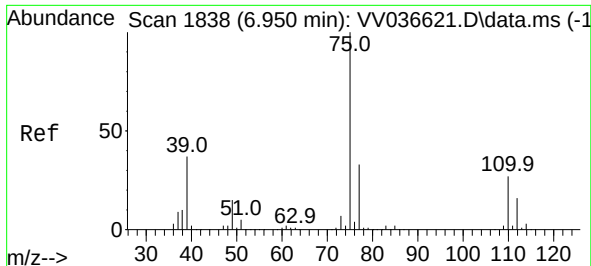
Ion Ratio Lower Upper

83 100

85 65.4 44.6 82.8

127 9.9 7.8 11.6

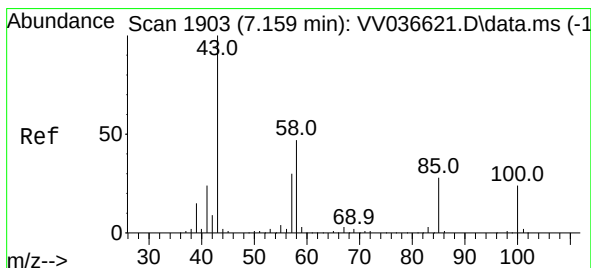
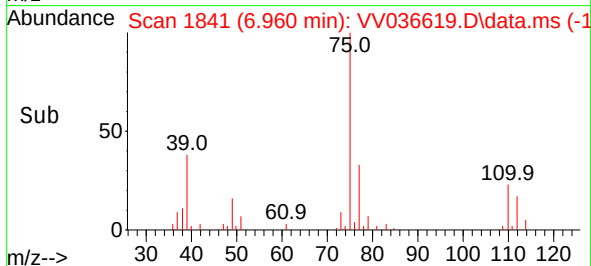
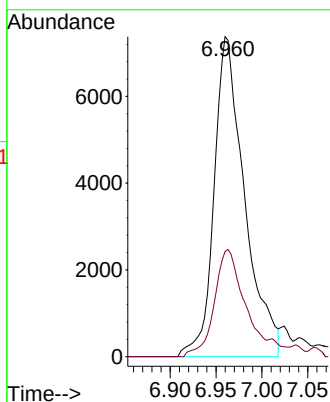
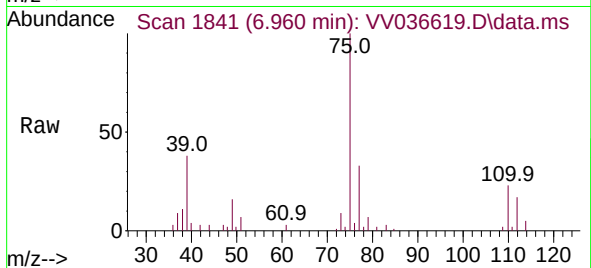




#39
 cis-1,3-Dichloropropene
 Concen: 1.934 ug/L
 RT: 6.960 min Scan# 1841
 Delta R.T. 0.010 min
 Lab File: VV036619.D
 Acq: 22 Jul 2024 08:57

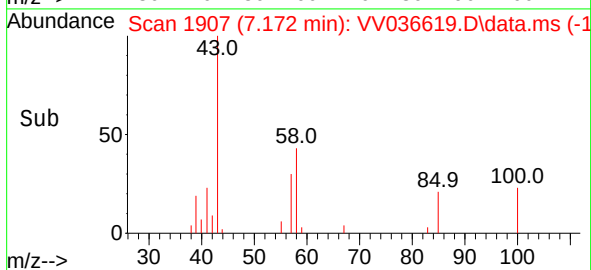
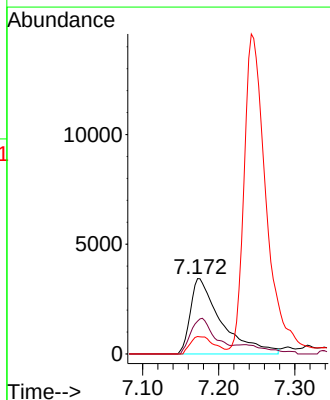
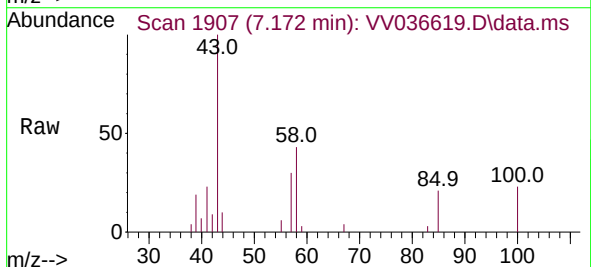
Instrument :
 MSVOA_V
 ClientSampleId :

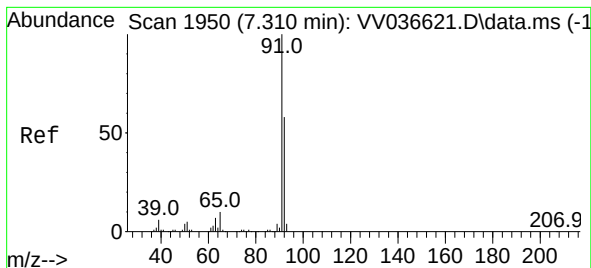
Tgt Ion: 75 Resp: 17081
 Ion Ratio Lower Upper
 75 100
 77 32.9 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 4.085 ug/L
 RT: 7.172 min Scan# 1907
 Delta R.T. 0.013 min
 Lab File: VV036619.D
 Acq: 22 Jul 2024 08:57

Tgt Ion: 43 Resp: 9732
 Ion Ratio Lower Upper
 43 100
 58 36.7 36.6 54.8
 100 9.3 18.2 27.4#





#42

Toluene

Concen: 2.096 ug/L

RT: 7.317 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VV036619.D

Acq: 22 Jul 2024 08:57

Instrument :

MSVOA_V

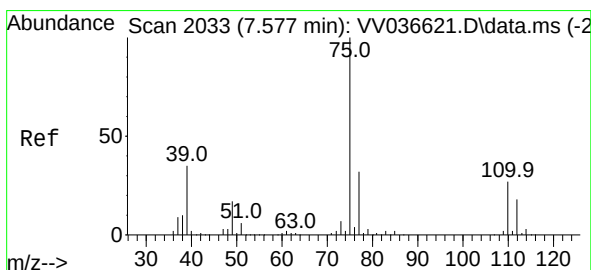
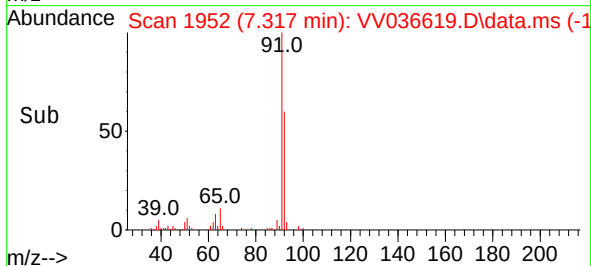
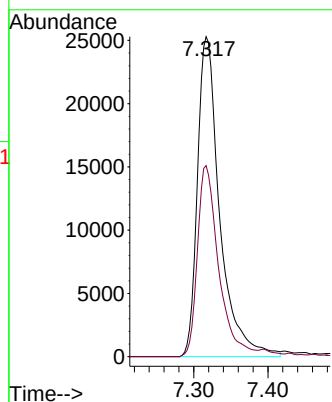
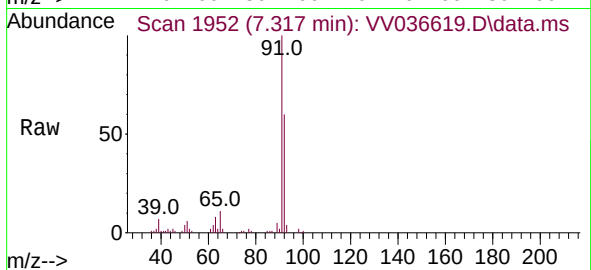
ClientSampleId :

Tgt Ion: 91 Resp: 52748

Ion Ratio Lower Upper

91 100

92 59.7 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 1.982 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.013 min

Lab File: VV036619.D

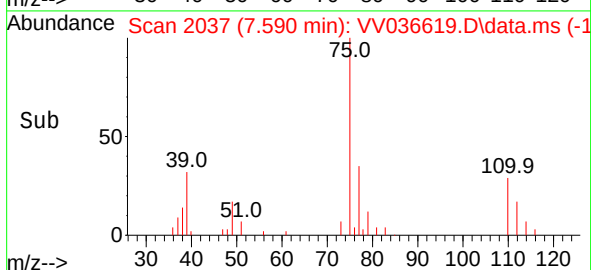
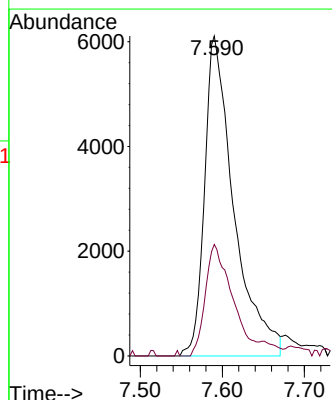
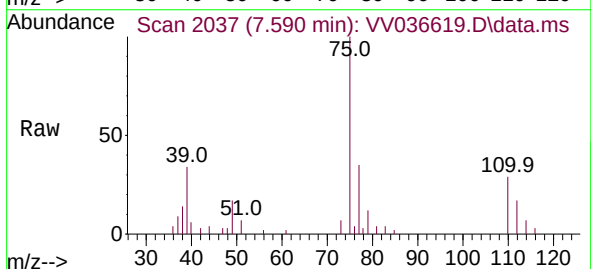
Acq: 22 Jul 2024 08:57

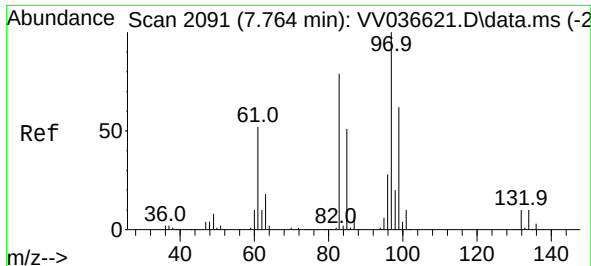
Tgt Ion: 75 Resp: 15156

Ion Ratio Lower Upper

75 100

77 34.9 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 2.313 ug/L

RT: 7.770 min Scan# 2091

Delta R.T. 0.006 min

Lab File: VV036619.D

Acq: 22 Jul 2024 08:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 11793

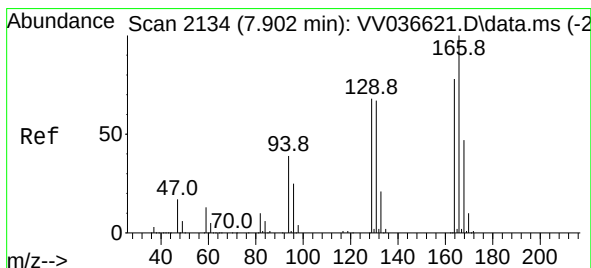
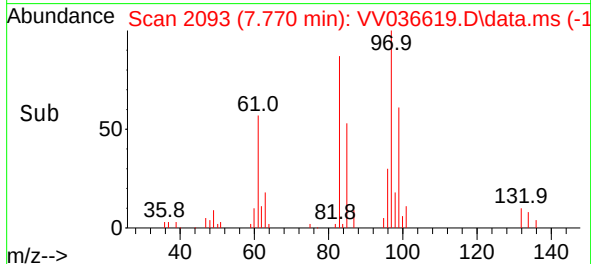
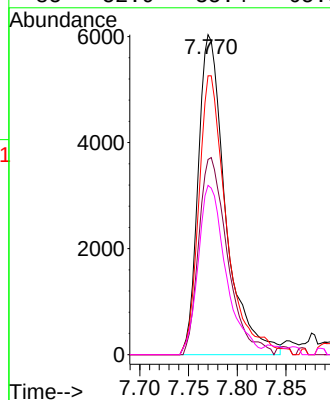
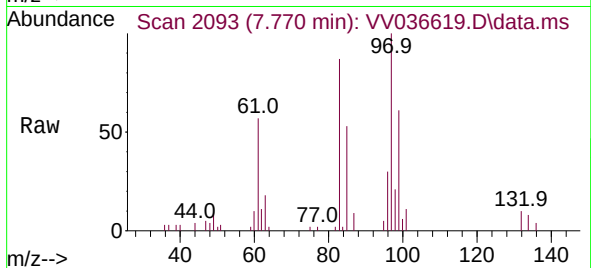
Ion Ratio Lower Upper

97 100

99 61.0 43.5 80.7

83 87.2 55.4 103.0

85 52.9 35.4 65.8



#46

Tetrachloroethene

Concen: 3.090 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.000 min

Lab File: VV036619.D

Acq: 22 Jul 2024 08:57

Tgt Ion: 164 Resp: 22799

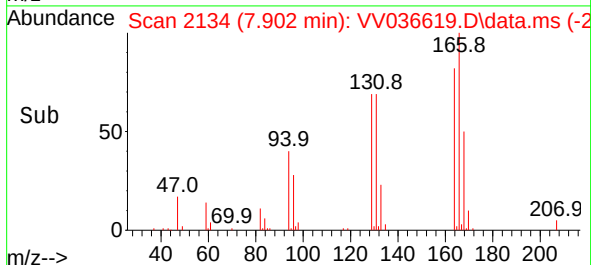
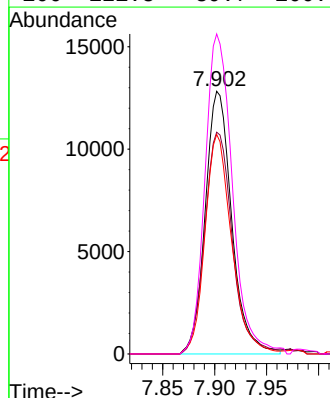
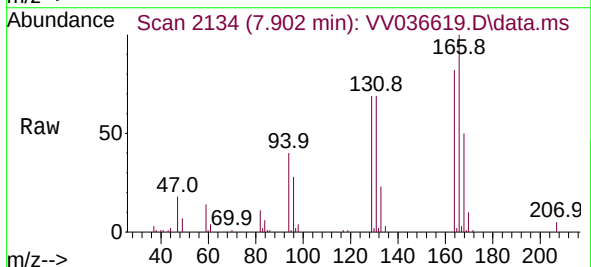
Ion Ratio Lower Upper

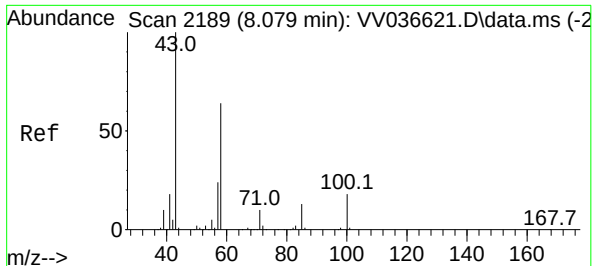
164 100

129 84.4 61.0 113.2

131 83.6 60.1 111.5

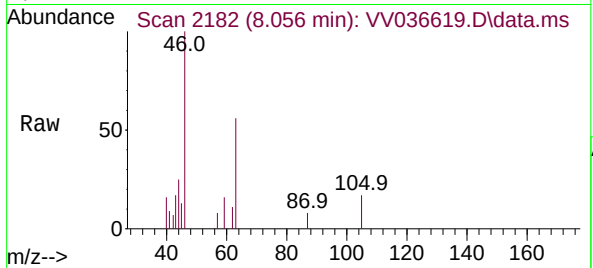
166 121.8 89.7 166.7



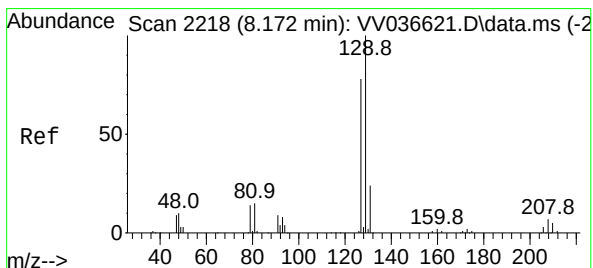
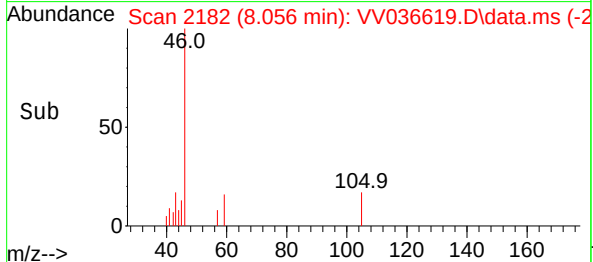
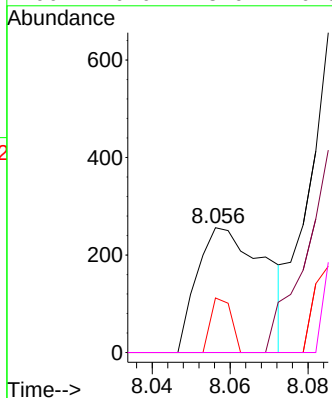


#48
2-Hexanone
Concen: 0.166 ug/L
RT: 8.056 min Scan# 2189
Delta R.T. -0.022 min
Lab File: VV036619.D
Acq: 22 Jul 2024 08:57

Instrument :
MSVOA_V
ClientSampleId :

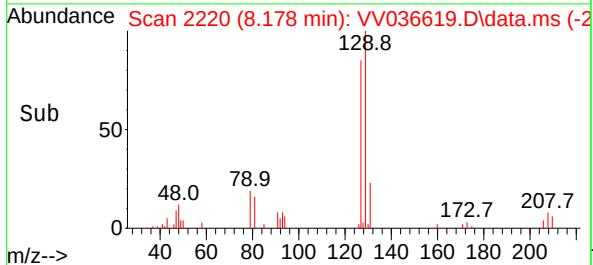
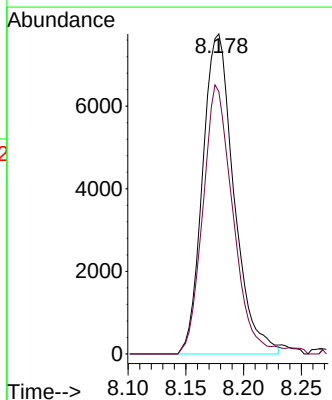
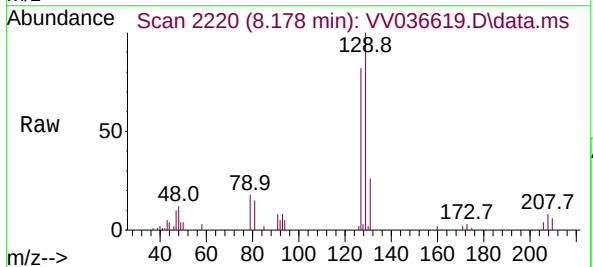


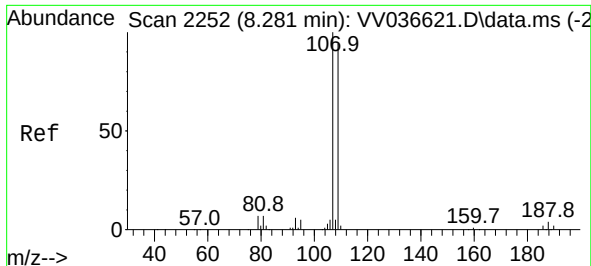
Tgt Ion: 43 Resp: 309
Ion Ratio Lower Upper
43 100
58 0.0 50.6 75.8#
57 13.3 17.7 26.5#
100 0.0 13.9 20.9#



#49
Dibromochloromethane
Concen: 2.275 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.006 min
Lab File: VV036619.D
Acq: 22 Jul 2024 08:57

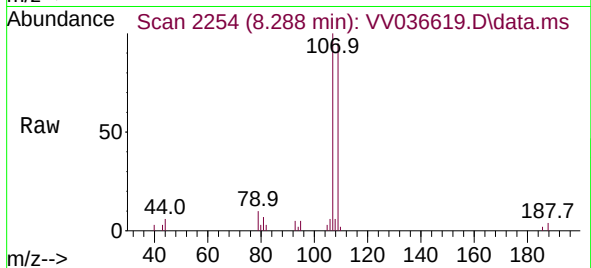
Tgt Ion: 129 Resp: 14612
Ion Ratio Lower Upper
129 100
127 84.4 54.3 100.9



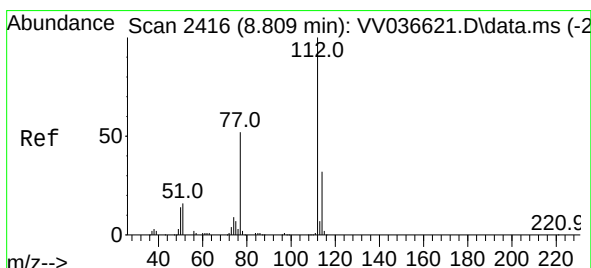
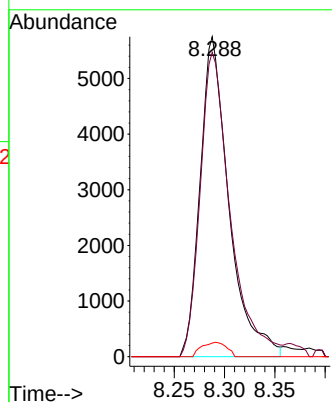
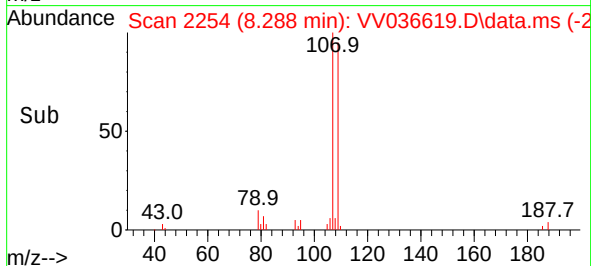


#50
1,2-Dibromoethane
Concen: 2.234 ug/L
RT: 8.288 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV036619.D
Acq: 22 Jul 2024 08:57

Instrument :
MSVOA_V
ClientSampleId :

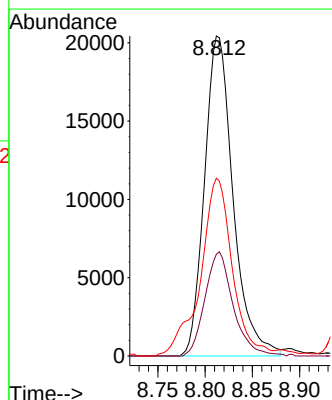
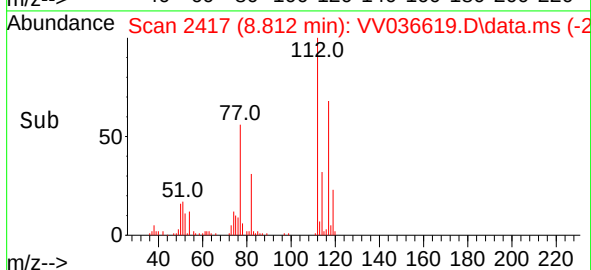
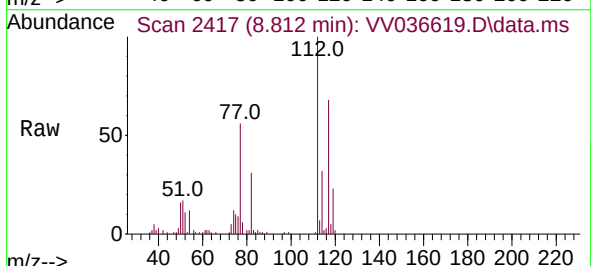


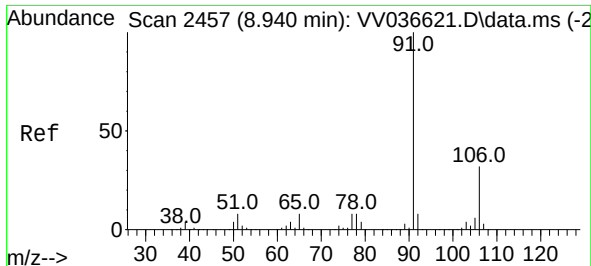
Tgt Ion:107 Resp: 11446
Ion Ratio Lower Upper
107 100
109 95.1 65.5 121.6
188 4.3 3.4 5.2



#51
Chlorobenzene
Concen: 2.361 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV036619.D
Acq: 22 Jul 2024 08:57

Tgt Ion:112 Resp: 43010
Ion Ratio Lower Upper
112 100
114 31.8 22.5 41.7
77 55.5 41.9 62.9





#52

Ethylbenzene

Concen: 2.060 ug/L

RT: 8.947 min Scan# 2457

Delta R.T. 0.006 min

Lab File: VV036619.D

Acq: 22 Jul 2024 08:57

Instrument :

MSVOA_V

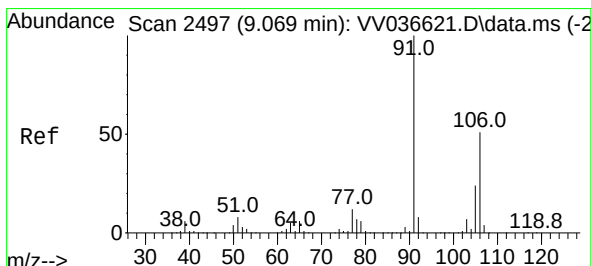
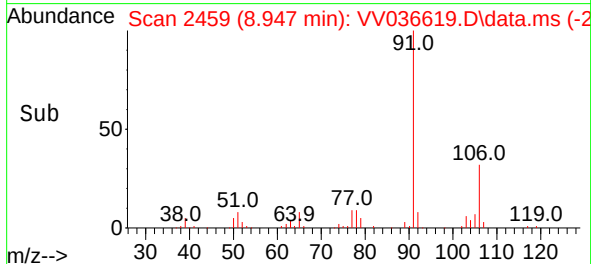
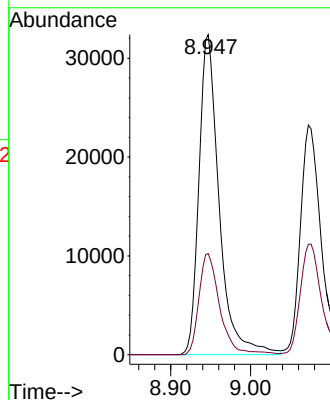
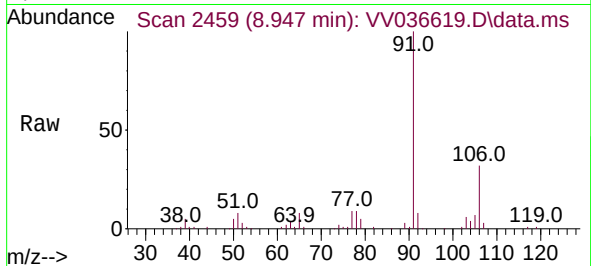
ClientSampleId :

Tgt Ion: 91 Resp: 57010

Ion Ratio Lower Upper

91 100

106 31.6 22.5 41.7



#53

m,p-Xylene

Concen: 1.907 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. 0.006 min

Lab File: VV036619.D

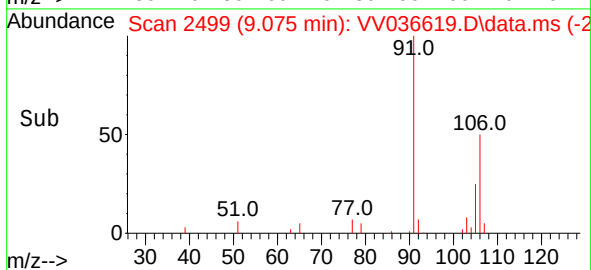
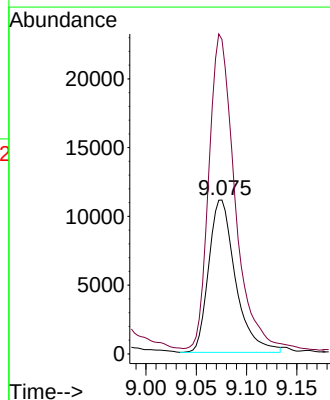
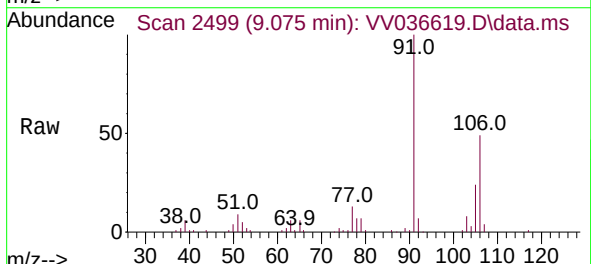
Acq: 22 Jul 2024 08:57

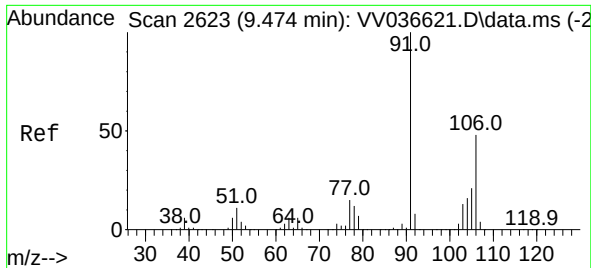
Tgt Ion:106 Resp: 20610

Ion Ratio Lower Upper

106 100

91 204.3 136.8 254.0

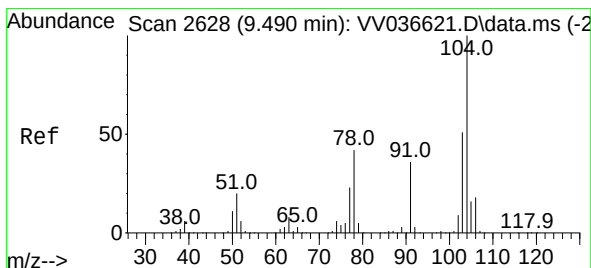
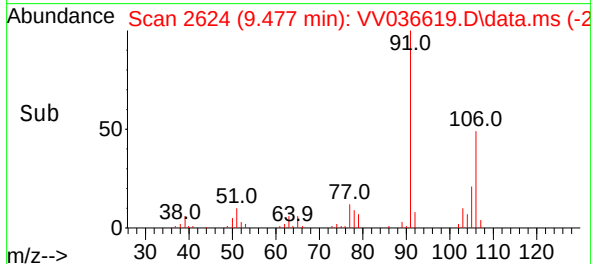
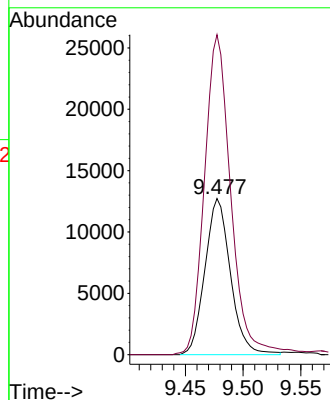
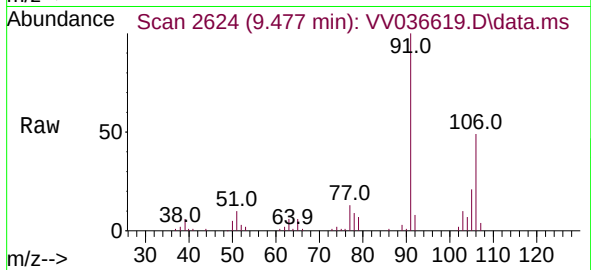




#54
o-Xylene
Concen: 1.887 ug/L
RT: 9.477 min Scan# 2623
Delta R.T. 0.003 min
Lab File: VV036619.D
Acq: 22 Jul 2024 08:57

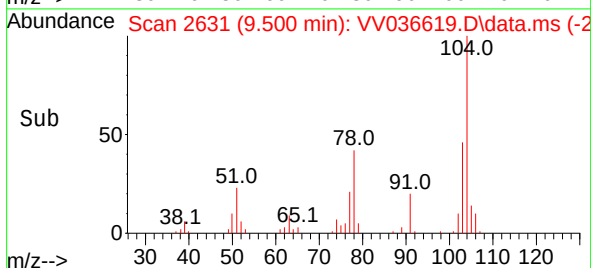
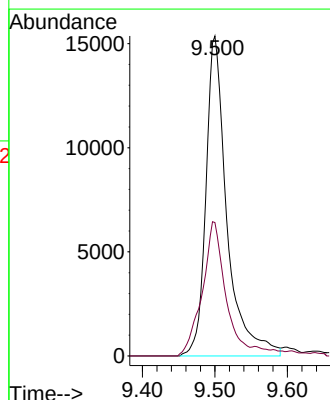
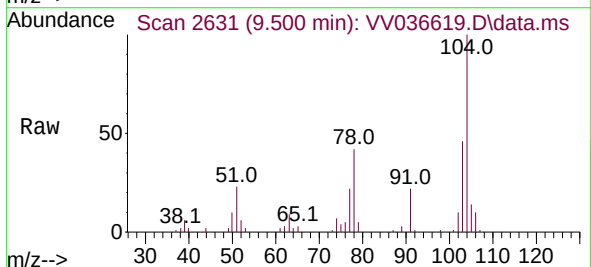
Instrument :
MSVOA_V
ClientSampleId :

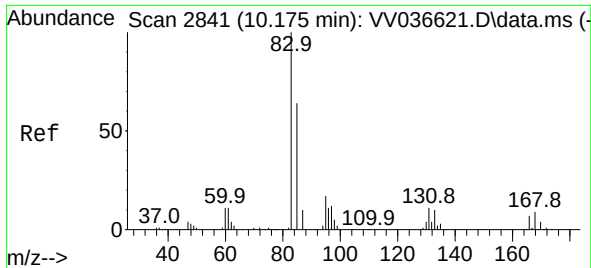
Tgt Ion:106 Resp: 19595
Ion Ratio Lower Upper
106 100
91 204.9 146.1 271.3



#55
Styrene
Concen: 1.760 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.010 min
Lab File: VV036619.D
Acq: 22 Jul 2024 08:57

Tgt Ion:104 Resp: 30987
Ion Ratio Lower Upper
104 100
78 41.7 29.7 55.1

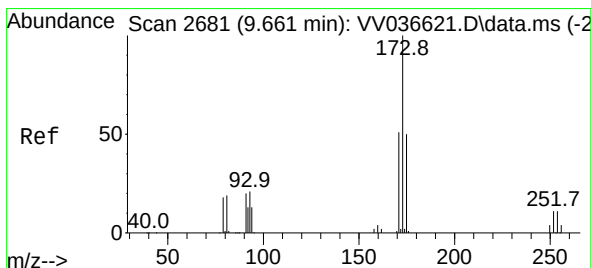
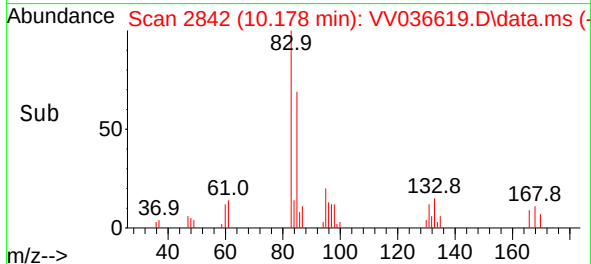
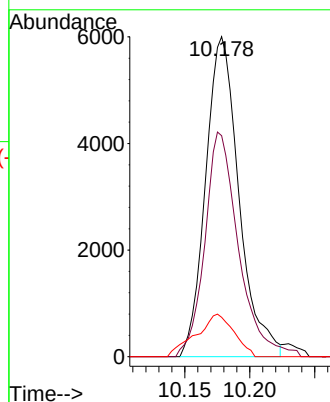
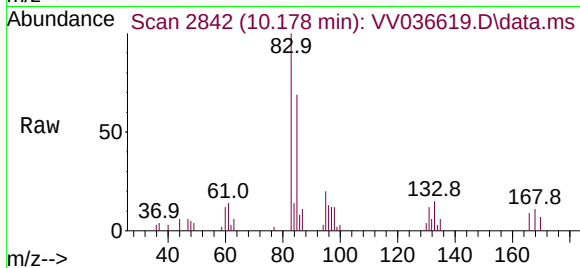




#57
1,1,2,2-Tetrachloroethane
Concen: 2.321 ug/L
RT: 10.178 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV036619.D
Acq: 22 Jul 2024 08:57

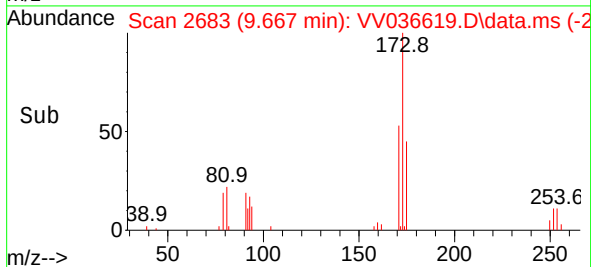
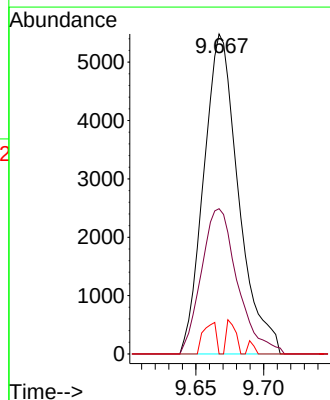
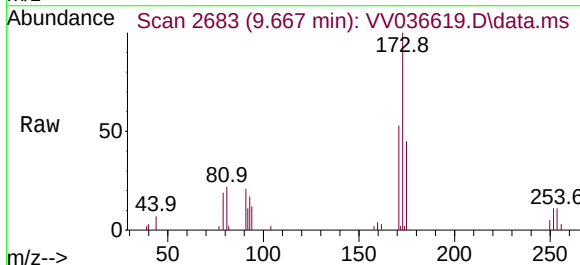
Instrument :
MSVOA_V
ClientSampleId :

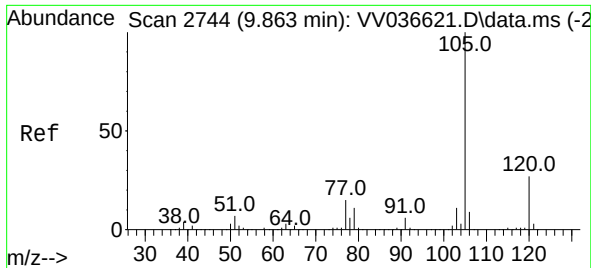
Tgt Ion:	83	Resp:	10721
Ion Ratio	Lower	Upper	
83	100		
85	69.1	44.9	83.3
131	12.3	9.3	13.9



#59
Bromoform
Concen: 2.420 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.006 min
Lab File: VV036619.D
Acq: 22 Jul 2024 08:57

Tgt Ion:	173	Resp:	9764
Ion Ratio	Lower	Upper	
173	100		
175	47.2	39.6	59.4
254	3.6	8.2	12.4#

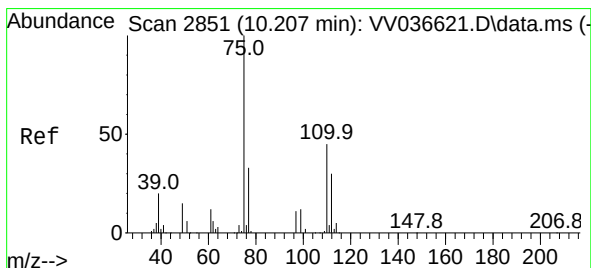
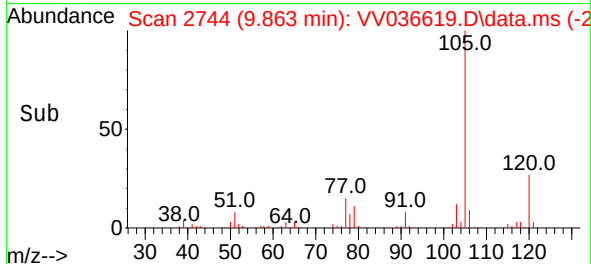
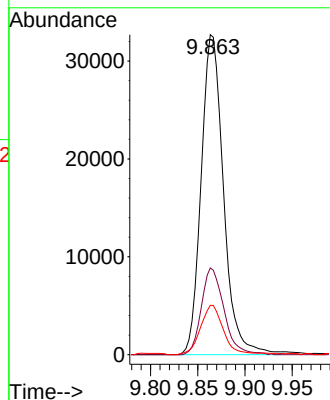
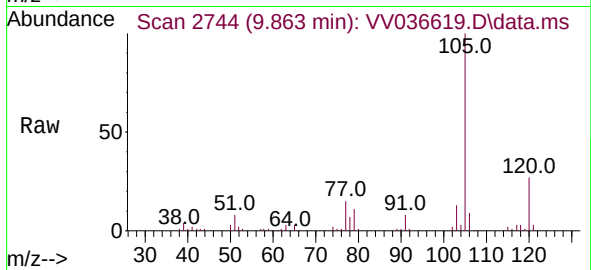




#60
Isopropylbenzene
Concen: 2.052 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036619.D
Acq: 22 Jul 2024 08:57

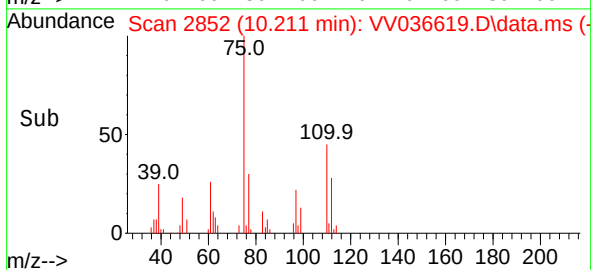
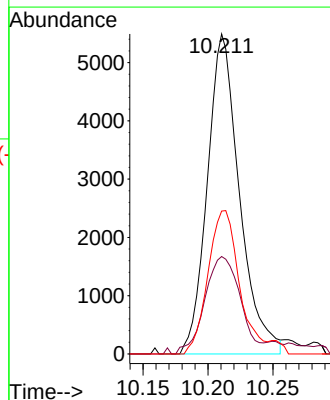
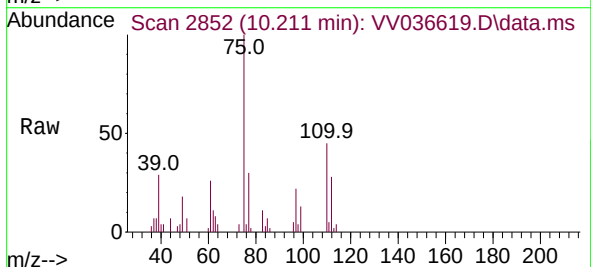
Instrument :
MSVOA_V
ClientSampleId :

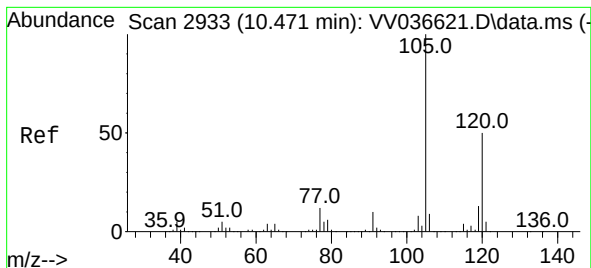
Tgt Ion:105 Resp: 53816
Ion Ratio Lower Upper
105 100
120 27.3 22.1 33.1
77 15.7 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 2.501 ug/L
RT: 10.211 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VV036619.D
Acq: 22 Jul 2024 08:57

Tgt Ion: 75 Resp: 9447
Ion Ratio Lower Upper
75 100
77 33.7 25.9 38.9
110 43.7 36.2 54.4





#62

1,3,5-Trimethylbenzene

Concen: 1.782 ug/L

RT: 10.474 min Scan# 2933

Delta R.T. 0.003 min

Lab File: VV036619.D

Acq: 22 Jul 2024 08:57

Instrument :

MSVOA_V

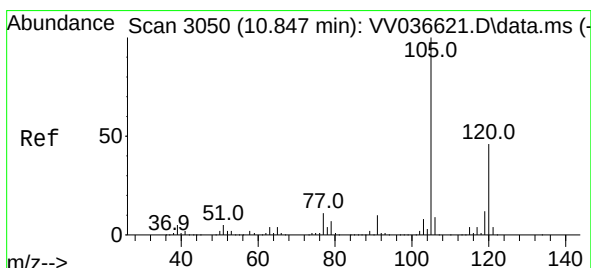
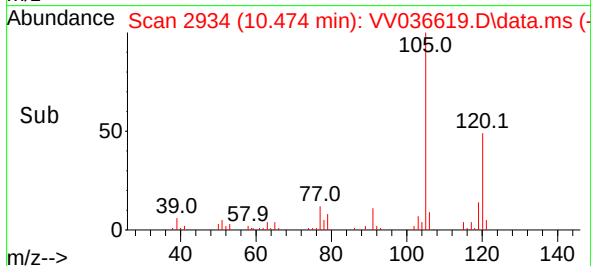
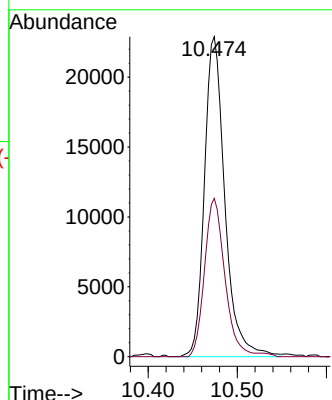
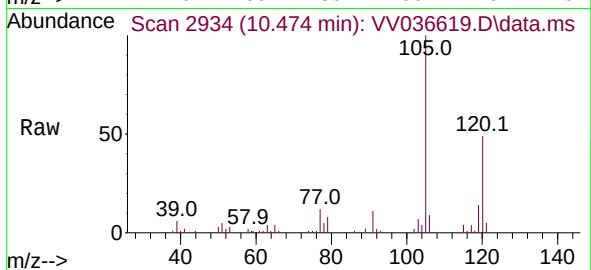
ClientSampleId :

Tgt Ion:105 Resp: 36439

Ion Ratio Lower Upper

105 100

120 49.0 39.8 59.8



#63

1,2,4-Trimethylbenzene

Concen: 1.817 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VV036619.D

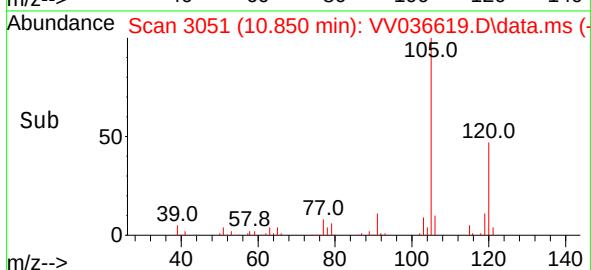
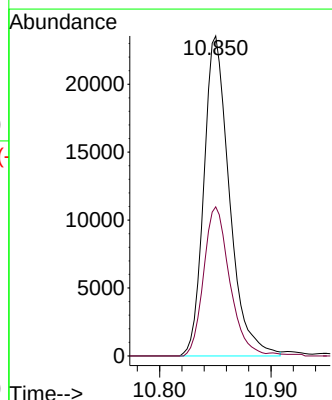
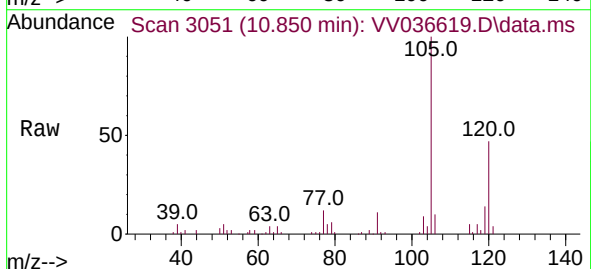
Acq: 22 Jul 2024 08:57

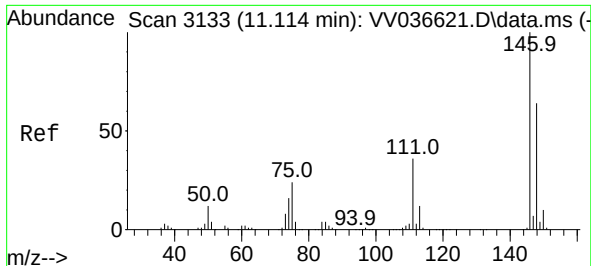
Tgt Ion:105 Resp: 37617

Ion Ratio Lower Upper

105 100

120 47.3 37.2 55.8





#64

1,3-Dichlorobenzene

Concen: 2.407 ug/L

RT: 11.117 min Scan# 3133

Delta R.T. 0.003 min

Lab File: VV036619.D

Acq: 22 Jul 2024 08:57

Instrument :

MSVOA_V

ClientSampleId :

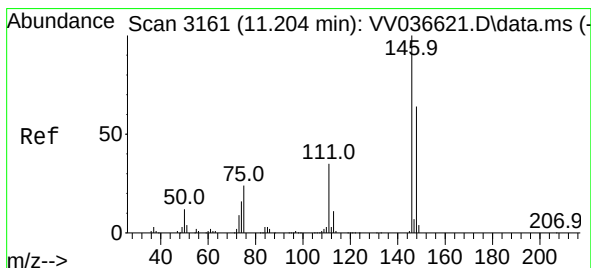
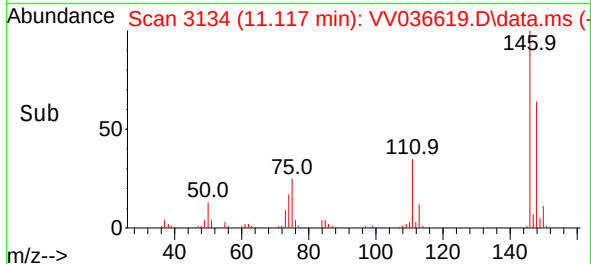
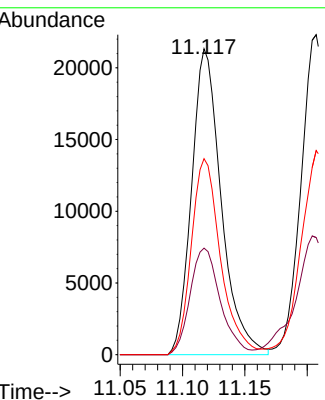
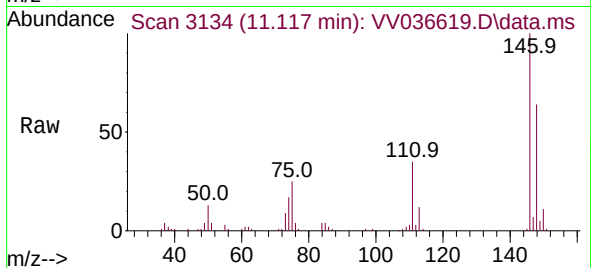
Tgt Ion:146 Resp: 35280

Ion Ratio Lower Upper

146 100

111 34.8 25.5 47.3

148 64.1 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 2.488 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV036619.D

Acq: 22 Jul 2024 08:57

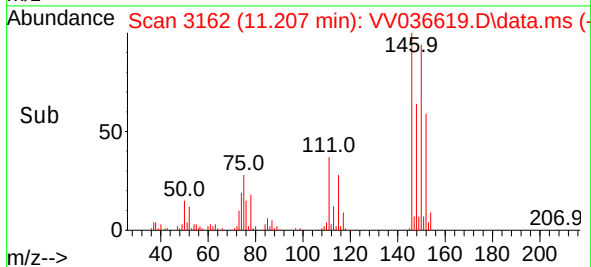
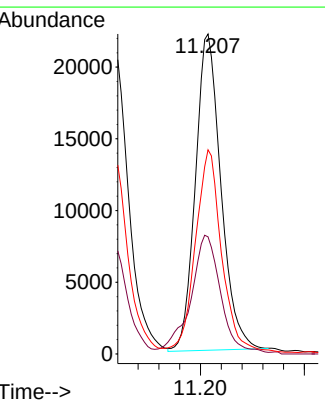
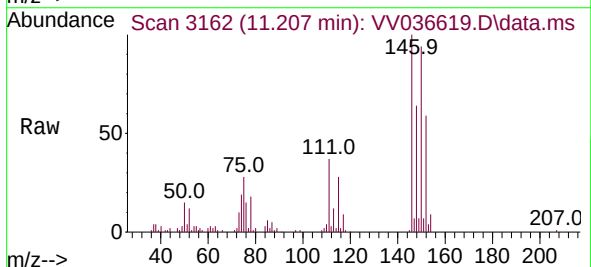
Tgt Ion:146 Resp: 37556

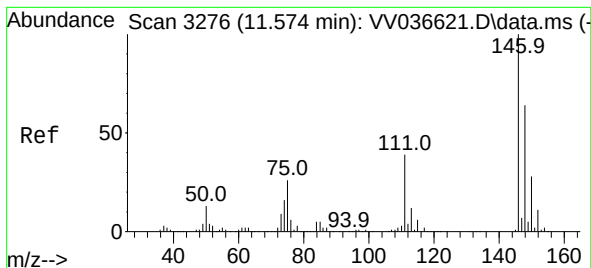
Ion Ratio Lower Upper

146 100

111 36.6 24.9 46.3

148 63.8 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 2.382 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV036619.D

Acq: 22 Jul 2024 08:57

Instrument :

MSVOA_V

ClientSampleId :

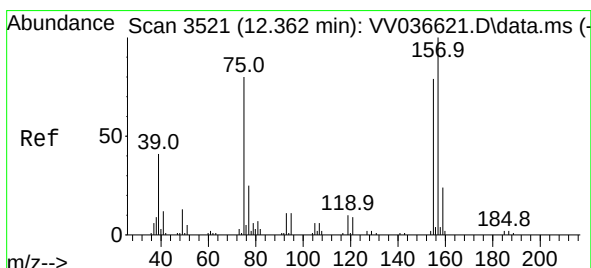
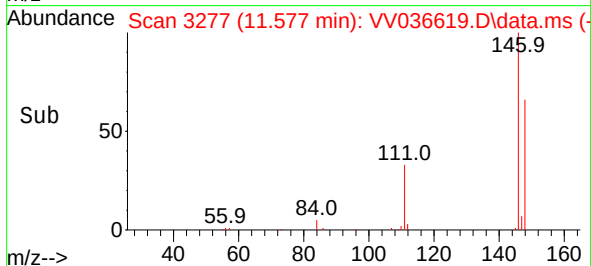
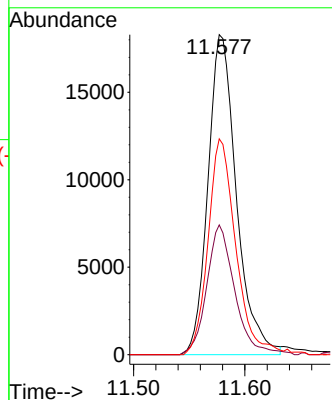
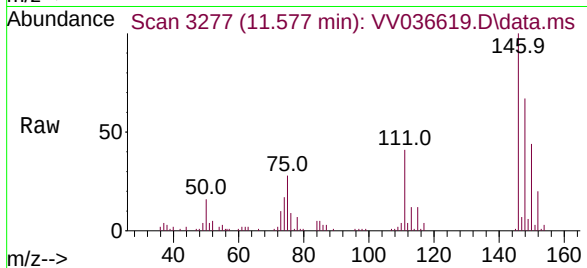
Tgt Ion:146 Resp: 32470

Ion Ratio Lower Upper

146 100

111 40.6 31.3 46.9

148 67.5 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 2.378 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.006 min

Lab File: VV036619.D

Acq: 22 Jul 2024 08:57

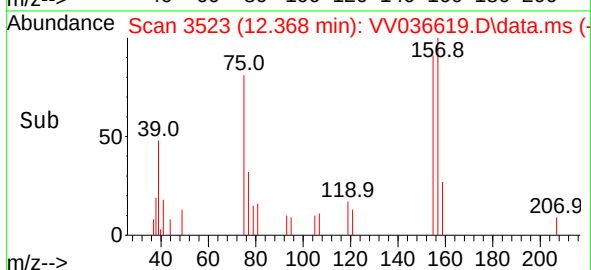
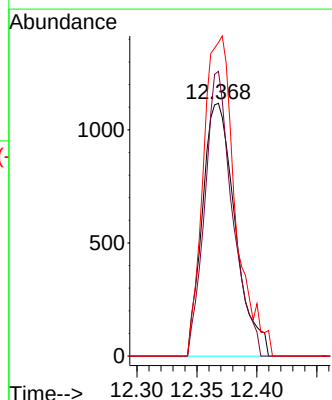
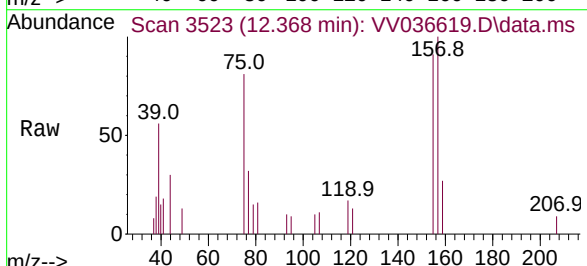
Tgt Ion: 75 Resp: 2115

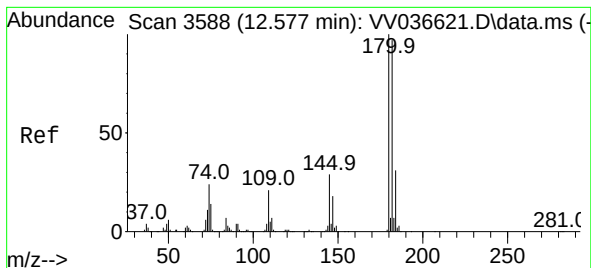
Ion Ratio Lower Upper

75 100

155 112.7 79.5 119.3

157 124.1 100.2 150.4





#69

1,3,5-Trichlorobenzene

Concen: 2.423 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.003 min

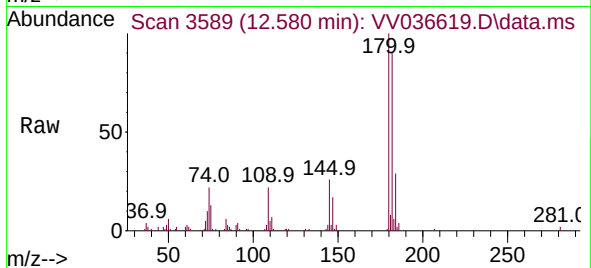
Lab File: VV036619.D

Acq: 22 Jul 2024 08:57

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 28013

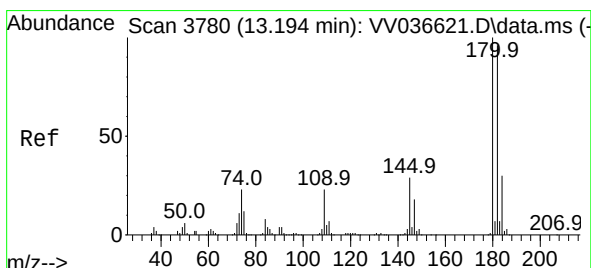
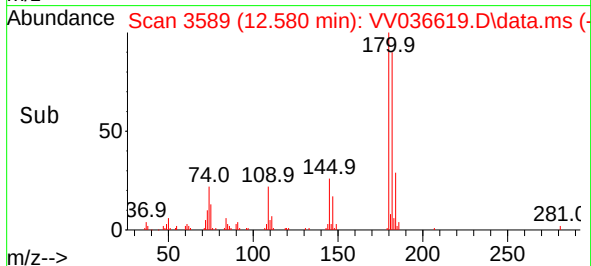
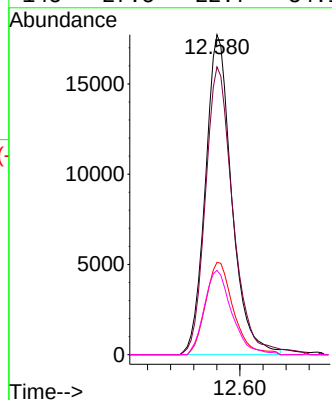
Ion Ratio Lower Upper

180 100

182 94.4 77.0 115.4

184 30.3 24.6 36.8

145 27.5 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 2.317 ug/L

RT: 13.198 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV036619.D

Acq: 22 Jul 2024 08:57

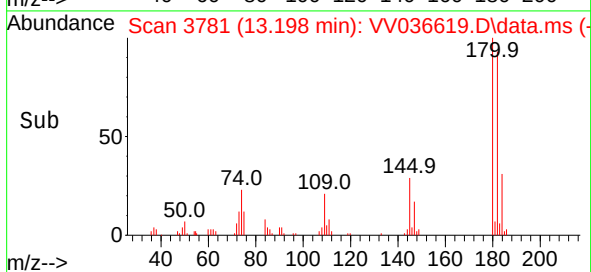
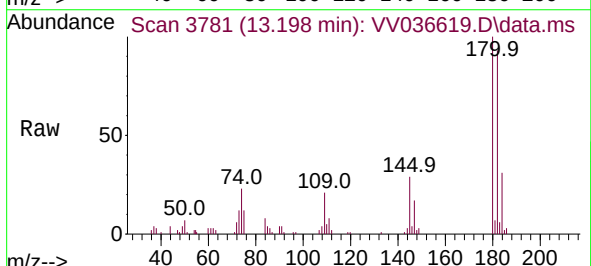
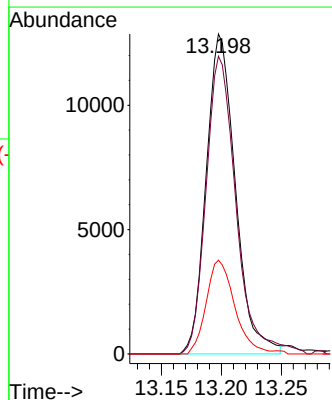
Tgt Ion:180 Resp: 21758

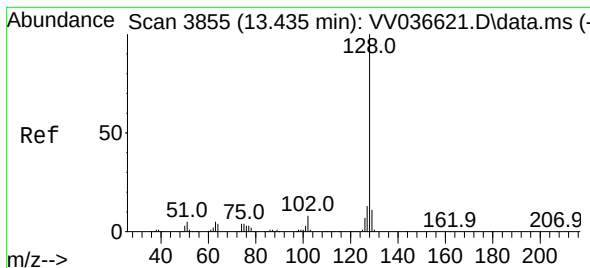
Ion Ratio Lower Upper

180 100

182 95.5 76.2 114.2

145 28.5 23.0 34.6





#71

Naphthalene

Concen: 2.033 ug/L

RT: 13.442 min Scan# 3855

Delta R.T. 0.006 min

Lab File: VV036619.D

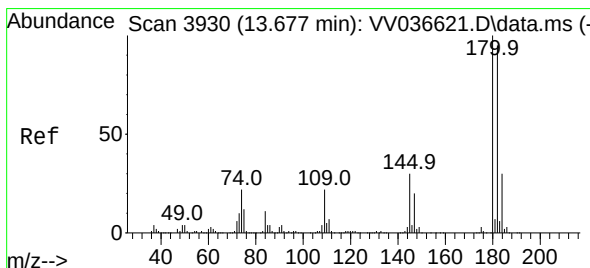
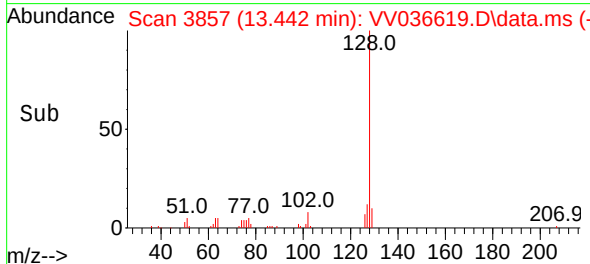
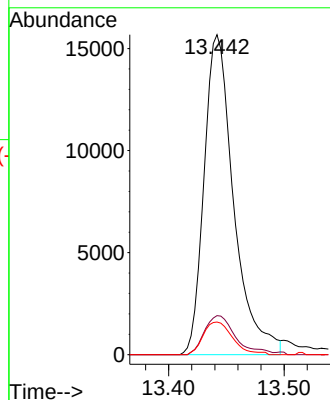
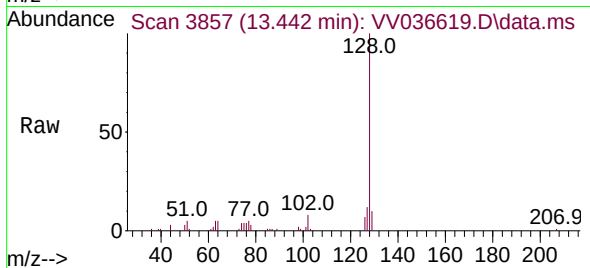
Acq: 22 Jul 2024 08:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	27963
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.4 15.6
129	10.0	8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 2.334 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV036619.D

Acq: 22 Jul 2024 08:57

Tgt Ion:180	Resp:	19780
Ion Ratio	Lower	Upper
180	100	
182	93.4	75.6 113.4
145	28.8	24.6 37.0

