

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080224\
 Data File : VV036772.D
 Acq On : 02 Aug 2024 20:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 03 00:19:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 03 00:03:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	437762	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	414597	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	205853	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	185250	52.982	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.960%
7) Chloroethane-d5	1.529	69	145751	52.860	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.720%
11) 1,1-Dichloroethene-d2	2.056	65	80049	53.522	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.040%
21) 2-Butanone-d5	3.796	46	179259	96.764	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.760%
24) Chloroform-d	4.243	84	334136	53.253	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.500%
26) 1,2-Dichloroethane-d4	4.937	65	217169	53.832	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.660%
32) Benzene-d6	4.953	84	673322	53.770	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.540%
36) 1,2-Dichloropropane-d6	5.986	67	217625	53.869	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.740%
41) Toluene-d8	7.239	98	620020	53.976	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.960%
43) trans-1,3-Dichloroprop...	7.551	79	109692	52.173	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.340%
47) 2-Hexanone-d5	8.024	63	127147	109.460	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.460%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	249208	53.725	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.440%
66) 1,2-Dichlorobenzene-d4	11.558	152	223590	53.303	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	195965	56.142	ug/L	100
3) Chloromethane	1.217	50	191203	52.343	ug/L	100
5) Vinyl chloride	1.282	62	202290	53.925	ug/L	98
6) Bromomethane	1.484	94	121535	51.457	ug/L	98
8) Chloroethane	1.548	64	120551	51.880	ug/L	97
9) Trichlorofluoromethane	1.712	101	253408	51.572	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	148876	51.419	ug/L	98
12) 1,1-Dichloroethene	2.069	96	142950	51.694	ug/L	97
13) Acetone	2.114	43	121256	78.231	ug/L	99
14) Carbon disulfide	2.236	76	449266	51.720	ug/L	99
15) Methyl Acetate	2.372	43	162457	50.879	ug/L	97
16) Methylene chloride	2.442	84	156678	50.398	ug/L	100
17) trans-1,2-Dichloroethene	2.687	96	148216	51.745	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	508553	50.411	ug/L	100
19) 1,1-Dichloroethane	3.105	63	294834	50.947	ug/L	97
20) cis-1,2-Dichloroethene	3.809	96	172565	51.329	ug/L	97
22) 2-Butanone	3.880	43	195687	94.243	ug/L	98
23) Bromochloromethane	4.140	128	82589	50.572	ug/L	96
25) Chloroform	4.272	83	304653	51.255	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080224\
 Data File : VV036772.D
 Acq On : 02 Aug 2024 20:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

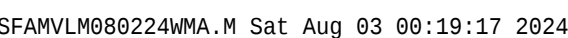
Instrument :
 MSVOA_V
 ClientSampleId :

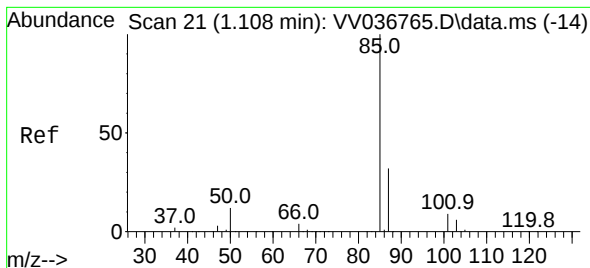
Quant Time: Aug 03 00:19:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 03 00:03:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	241442	51.497	ug/L	100
29) Cyclohexane	4.571	56	276957	52.429	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	264835	50.702	ug/L	99
31) Carbon tetrachloride	4.725	117	222218	50.657	ug/L	98
33) Benzene	5.005	78	647040	52.178	ug/L	100
34) Trichloroethene	5.828	95	181802	50.586	ug/L	99
35) Methylcyclohexane	6.043	83	283430	51.395	ug/L	99
37) 1,2-Dichloropropane	6.092	63	170918	52.029	ug/L	100
38) Bromodichloromethane	6.429	83	228822	50.583	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	287220	51.052	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	416377	102.320	ug/L	99
42) Toluene	7.310	91	678564	51.374	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	262949	50.157	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	159579	50.162	ug/L	98
46) Tetrachloroethene	7.902	164	118514	50.274	ug/L	100
48) 2-Hexanone	8.075	43	305352	101.998	ug/L	99
49) Dibromochloromethane	8.175	129	165898	50.746	ug/L	99
50) 1,2-Dibromoethane	8.278	107	168540	51.062	ug/L	99
51) Chlorobenzene	8.809	112	428040	50.507	ug/L	99
52) Ethylbenzene	8.944	91	774862	51.379	ug/L	100
53) m,p-Xylene	9.069	106	285002	50.556	ug/L	98
54) o-Xylene	9.474	106	281484	51.052	ug/L	100
55) Styrene	9.493	104	483520	51.172	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	220550	51.379	ug/L	100
59) Bromoform	9.661	173	113603	49.884	ug/L	99
60) Isopropylbenzene	9.863	105	765026	51.047	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	186639	50.366	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	634431	50.848	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	633921	50.755	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	321105	49.825	ug/L	97
65) 1,4-Dichlorobenzene	11.204	146	328668	50.151	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	315350	50.102	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	52340	48.877	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	223879	48.952	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	210042	47.885	ug/L	98
71) Naphthalene	13.432	128	678341	48.226	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	208543	48.570	ug/L	100

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

Quant Time: Aug 03 00:19:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 03 00:03:39 2024
Response via : Initial Calibration

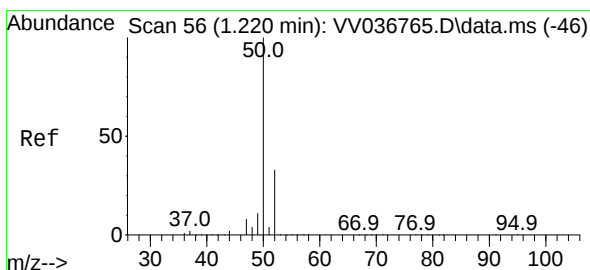
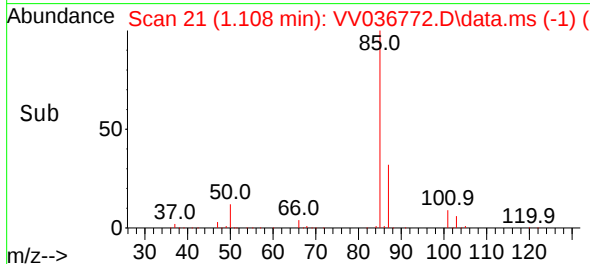
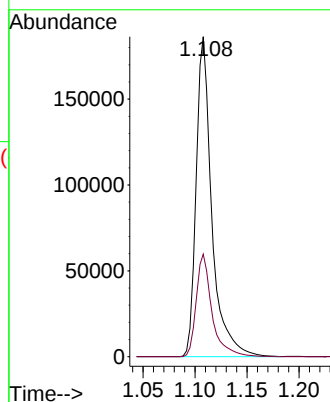
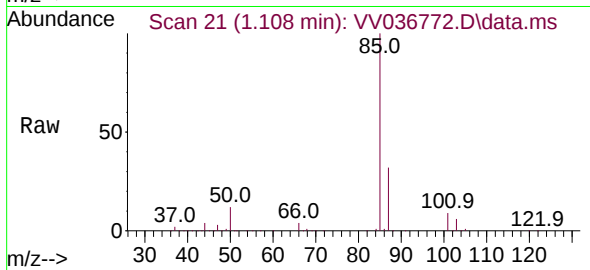




#2
Dichlorodifluoromethane
Concen: 56.142 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036772.D
Acq: 02 Aug 2024 20:00

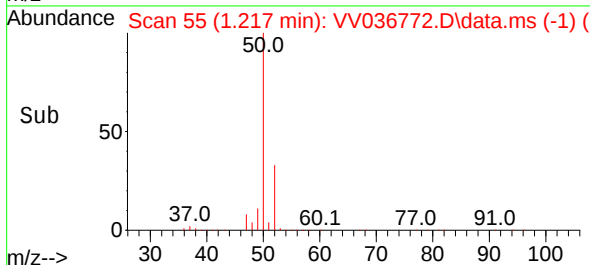
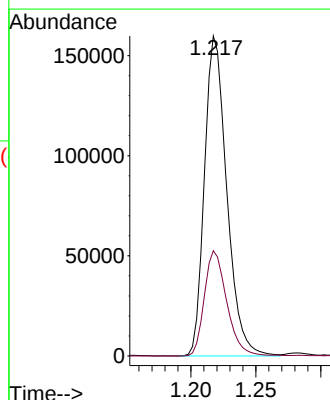
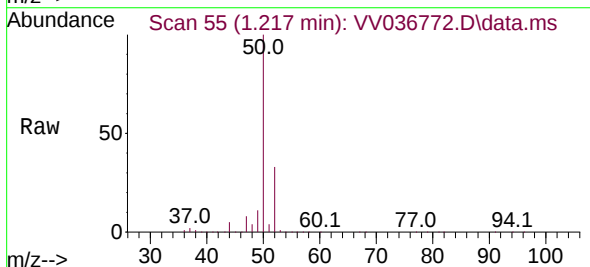
Instrument :
MSVOA_V
ClientSampleId :

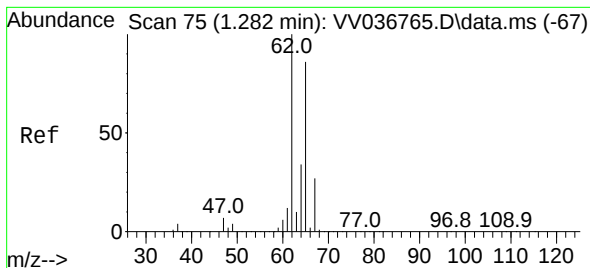
Tgt Ion: 85 Resp: 195965
Ion Ratio Lower Upper
85 100
87 32.2 25.9 38.9



#3
Chloromethane
Concen: 52.343 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.003 min
Lab File: VV036772.D
Acq: 02 Aug 2024 20:00

Tgt Ion: 50 Resp: 191203
Ion Ratio Lower Upper
50 100
52 32.9 23.0 42.8





#5

Vinyl chloride

Concen: 53.925 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV036772.D

Acq: 02 Aug 2024 20:00

Instrument :

MSVOA_V

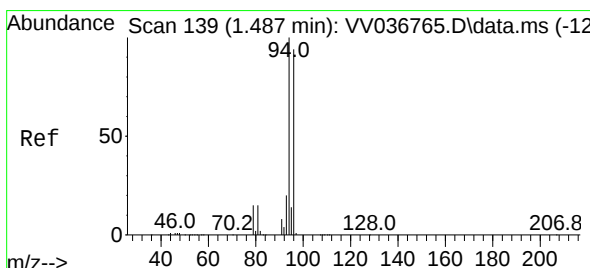
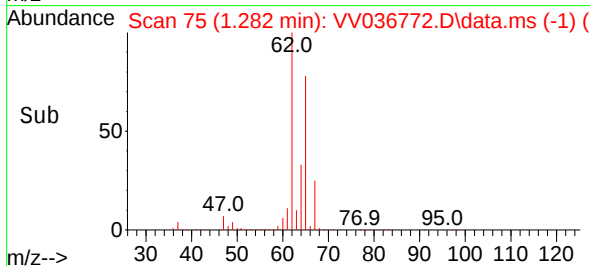
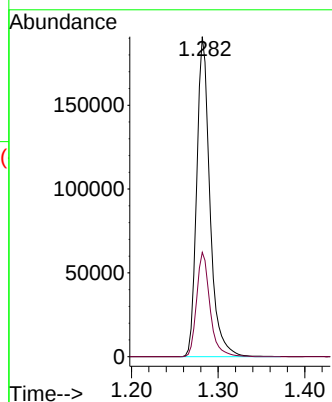
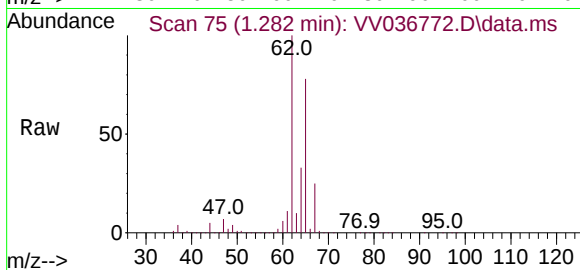
ClientSampleId :

Tgt Ion: 62 Resp: 202290

Ion Ratio Lower Upper

62 100

64 32.6 23.6 43.8



#6

Bromomethane

Concen: 51.457 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.003 min

Lab File: VV036772.D

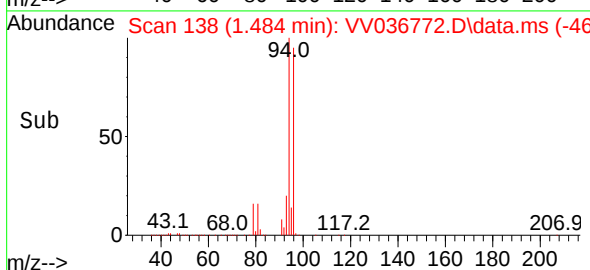
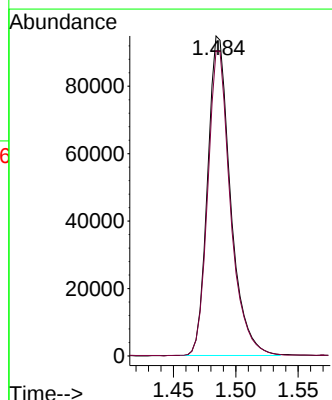
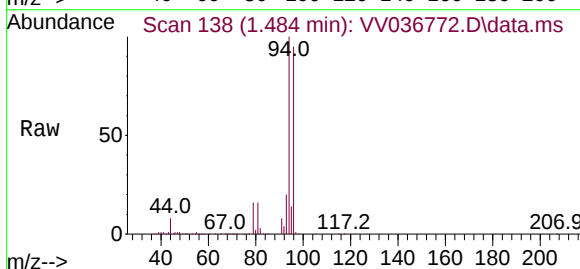
Acq: 02 Aug 2024 20:00

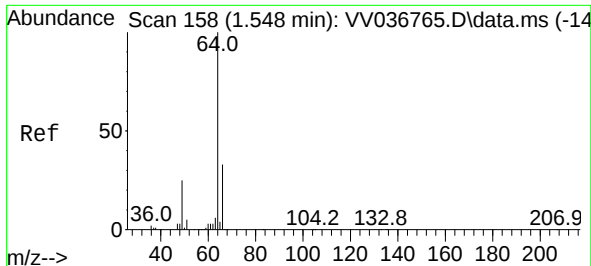
Tgt Ion: 94 Resp: 121535

Ion Ratio Lower Upper

94 100

96 95.4 65.5 121.7

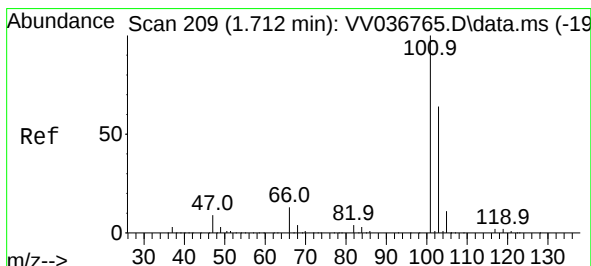
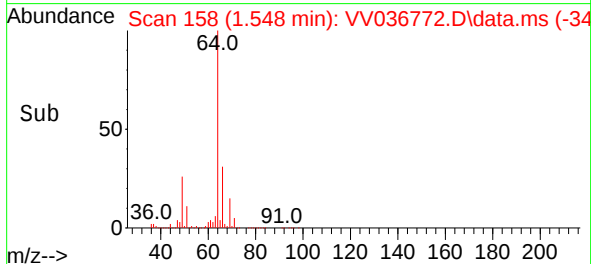
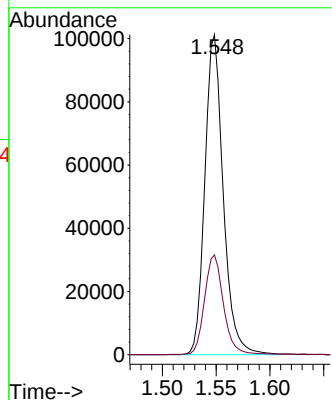
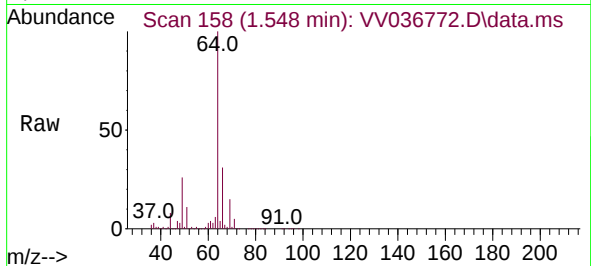




#8
Chloroethane
Concen: 51.880 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV036772.D
Acq: 02 Aug 2024 20:00

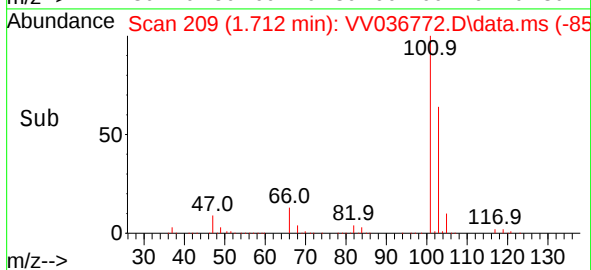
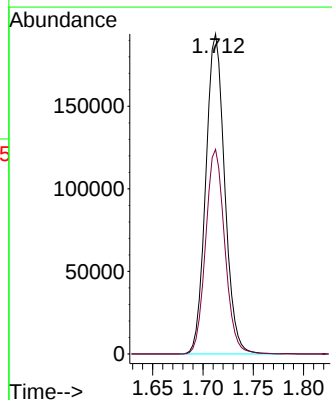
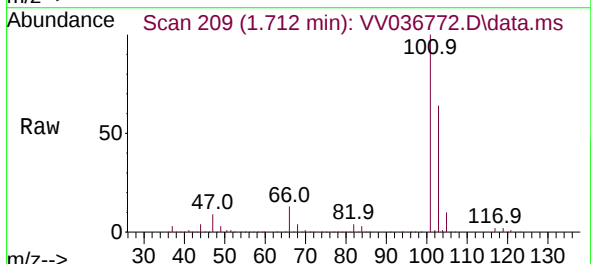
Instrument :
MSVOA_V
ClientSampleId :

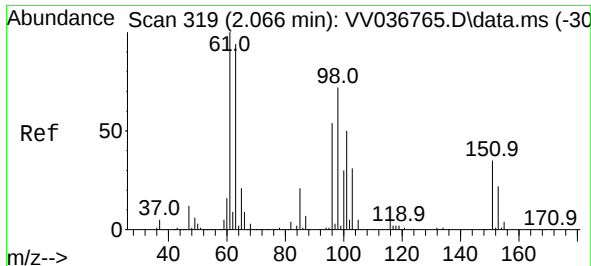
Tgt Ion: 64 Resp: 120551
Ion Ratio Lower Upper
64 100
66 31.2 23.2 43.0



#9
Trichlorofluoromethane
Concen: 51.572 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV036772.D
Acq: 02 Aug 2024 20:00

Tgt Ion:101 Resp: 253408
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.0





#10

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

Concen: 51.419 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV036772.D

Acq: 02 Aug 2024 20:00

Instrument :

MSVOA_V

ClientSampleId :

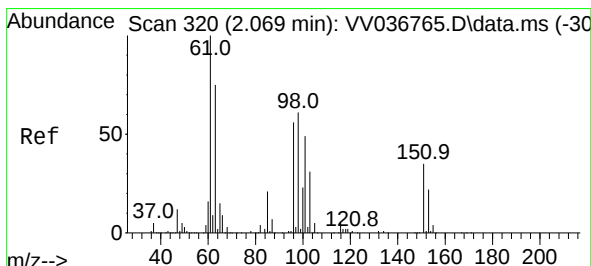
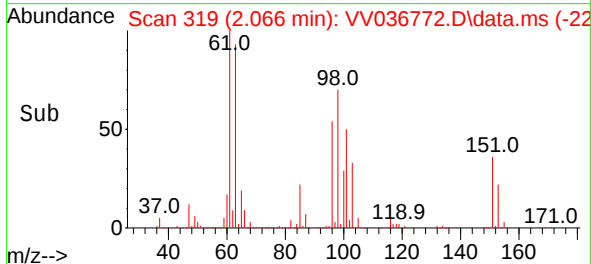
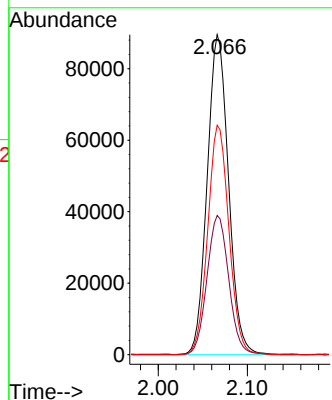
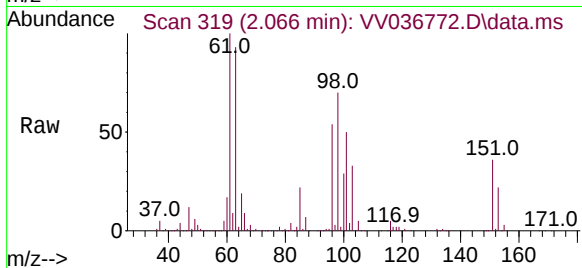
Tgt Ion:101 Resp: 148876

Ion Ratio Lower Upper

101 100

85 44.5 34.6 51.8

151 71.2 55.9 83.9



#12

1,1-Dichloroethene

Concen: 51.694 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV036772.D

Acq: 02 Aug 2024 20:00

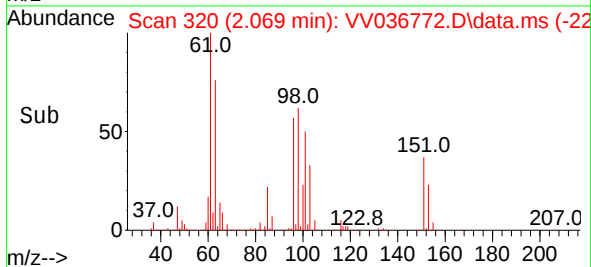
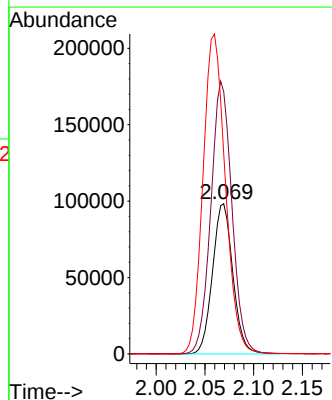
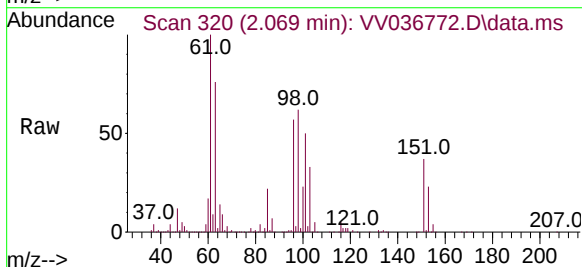
Tgt Ion: 96 Resp: 142950

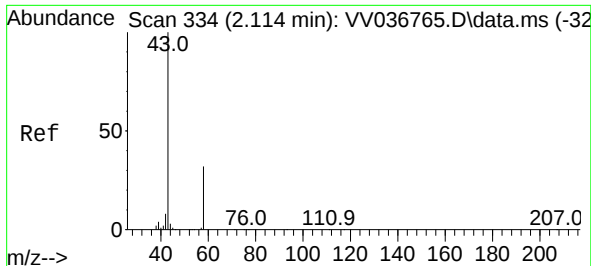
Ion Ratio Lower Upper

96 100

61 174.6 125.6 233.2

63 133.3 95.1 176.7





#13

Acetone

Concen: 78.231 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV036772.D

Acq: 02 Aug 2024 20:00

Instrument :

MSVOA_V

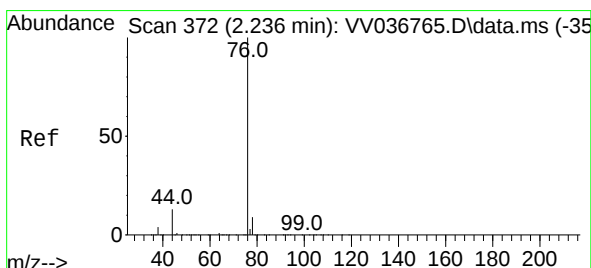
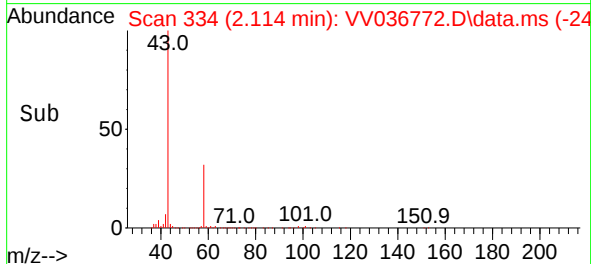
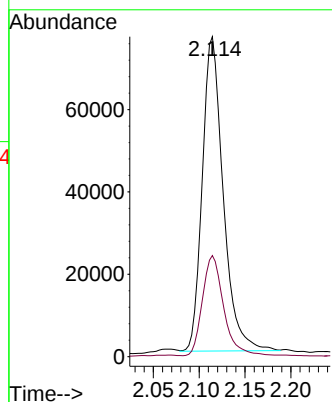
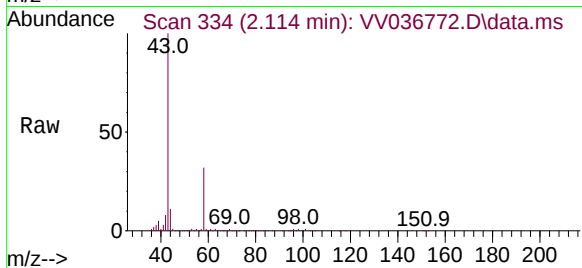
ClientSampleId :

Tgt Ion: 43 Resp: 121256

Ion Ratio Lower Upper

43 100

58 32.1 0.0 63.4



#14

Carbon disulfide

Concen: 51.720 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV036772.D

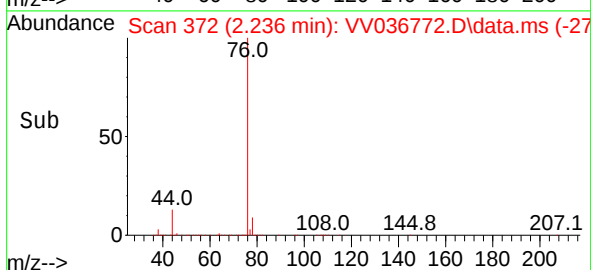
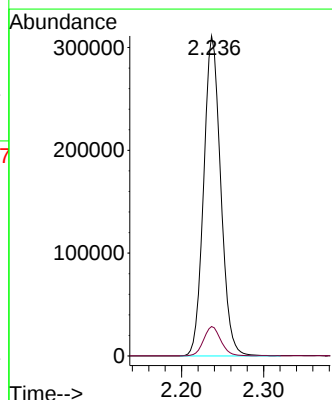
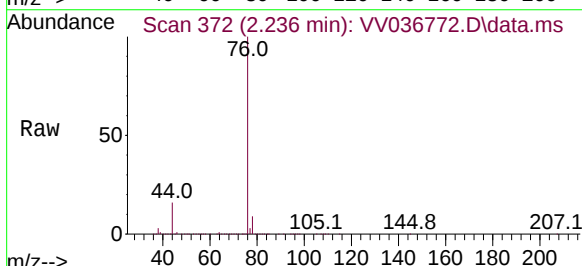
Acq: 02 Aug 2024 20:00

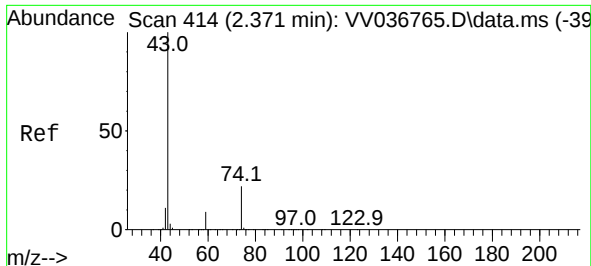
Tgt Ion: 76 Resp: 449266

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7





#15

Methyl Acetate

Concen: 50.879 ug/L

RT: 2.372 min Scan# 414

Delta R.T. 0.000 min

Lab File: VV036772.D

Acq: 02 Aug 2024 20:00

Instrument :

MSVOA_V

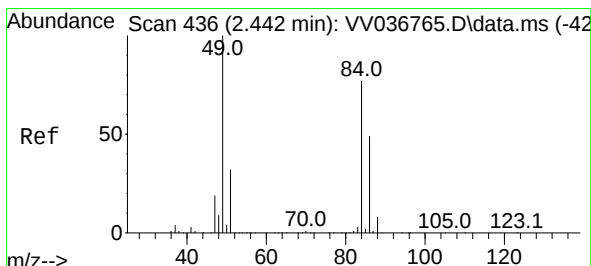
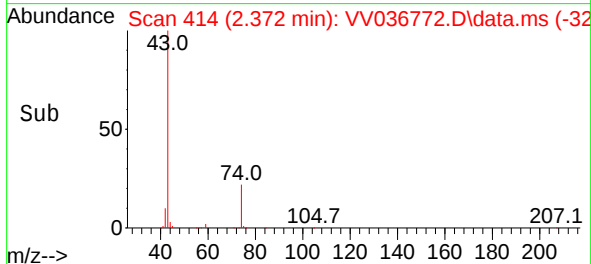
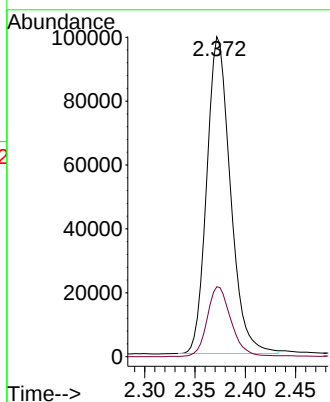
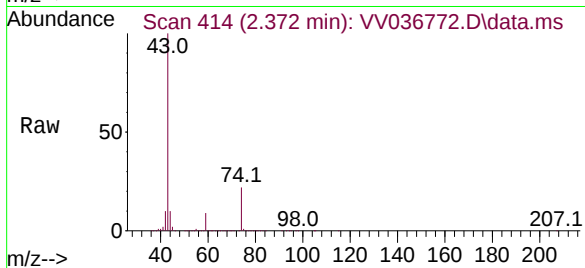
ClientSampleId :

Tgt Ion: 43 Resp: 162457

Ion Ratio Lower Upper

43 100

74 22.2 19.0 28.4



#16

Methylene chloride

Concen: 50.398 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV036772.D

Acq: 02 Aug 2024 20:00

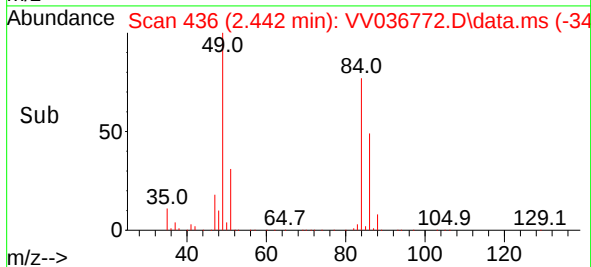
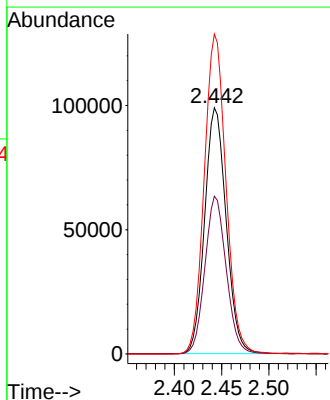
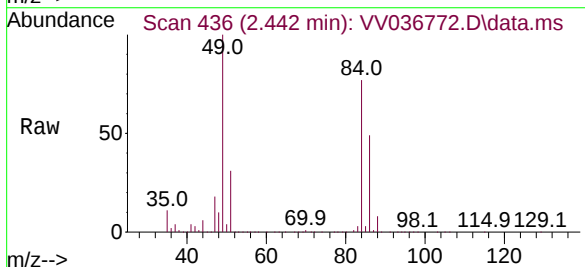
Tgt Ion: 84 Resp: 156678

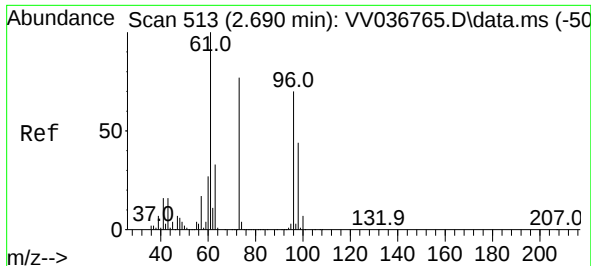
Ion Ratio Lower Upper

84 100

86 64.0 44.3 82.3

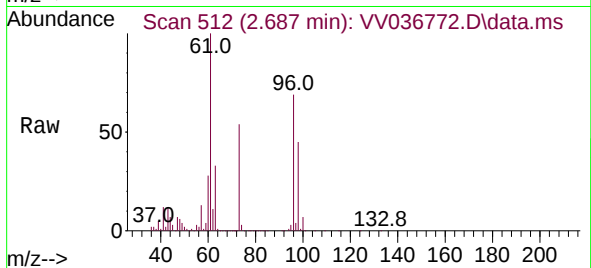
49 129.9 91.1 169.1



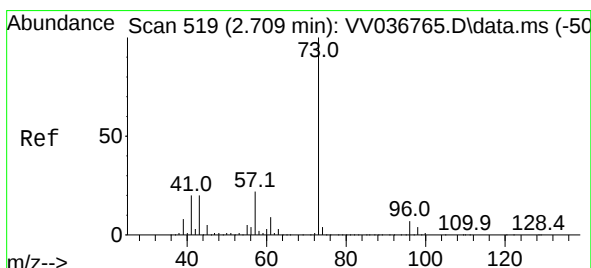
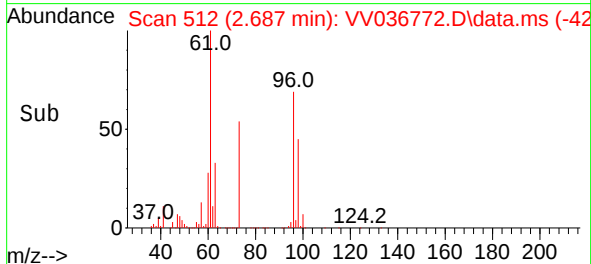
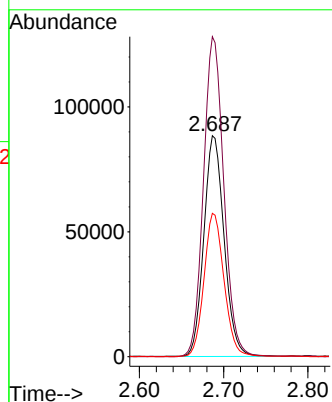


#17
trans-1,2-Dichloroethene
Concen: 51.745 ug/L
RT: 2.687 min Scan# 513
Delta R.T. -0.003 min
Lab File: VV036772.D
Acq: 02 Aug 2024 20:00

Instrument :
MSVOA_V
ClientSampleId :

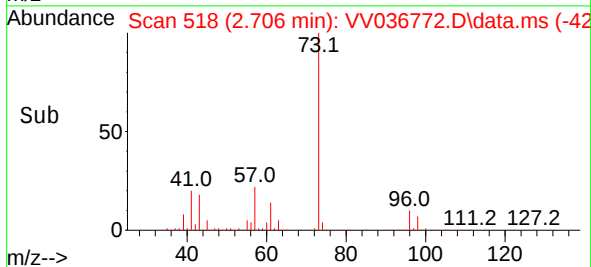
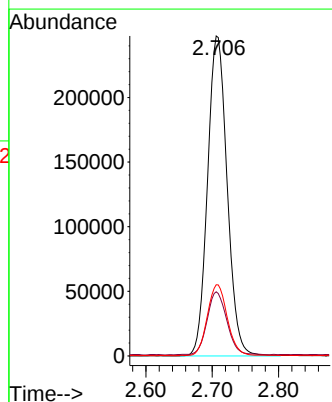
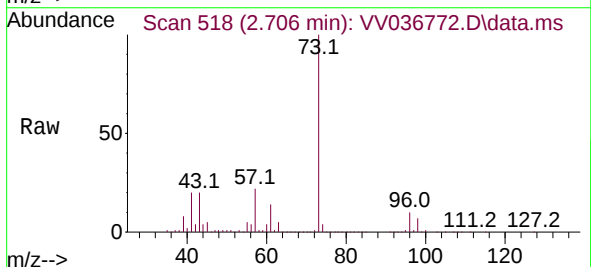


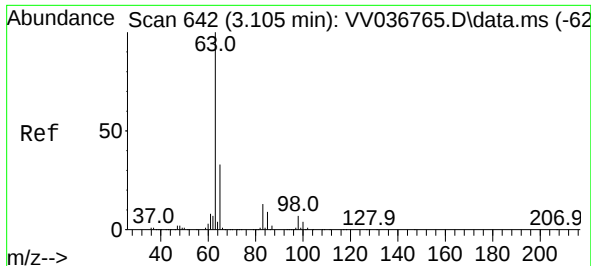
Tgt Ion: 96 Resp: 148216
Ion Ratio Lower Upper
96 100
61 144.9 100.0 185.8
98 64.9 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 50.411 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.003 min
Lab File: VV036772.D
Acq: 02 Aug 2024 20:00

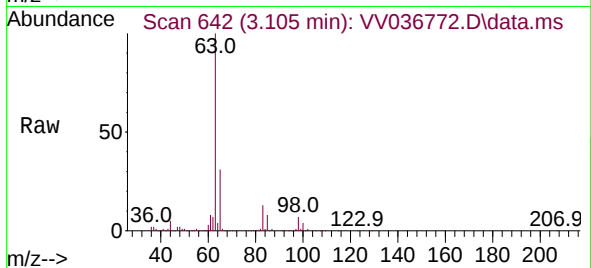
Tgt Ion: 73 Resp: 508553
Ion Ratio Lower Upper
73 100
43 19.8 16.1 24.1
57 22.4 17.9 26.9



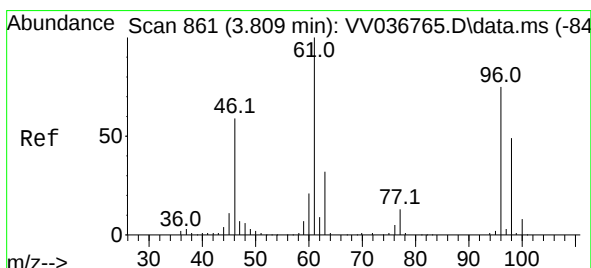
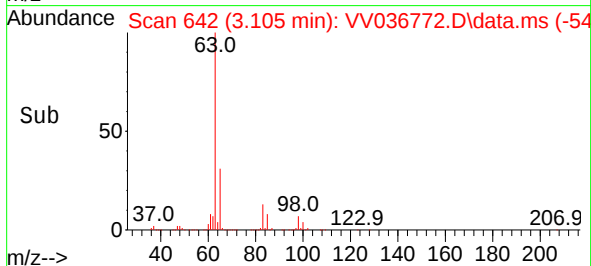
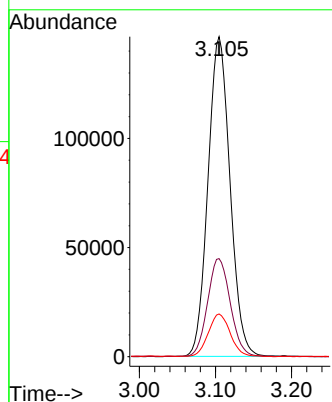


#19
1,1-Dichloroethane
Concen: 50.947 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV036772.D
Acq: 02 Aug 2024 20:00

Instrument :
MSVOA_V
ClientSampleId :

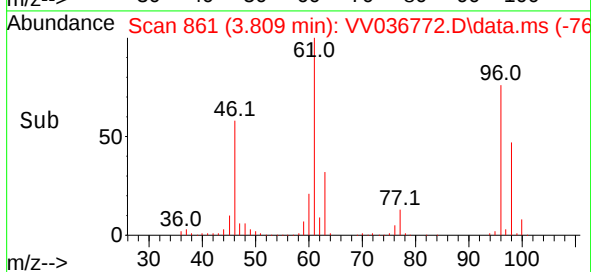
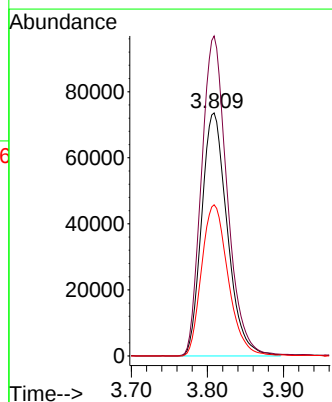
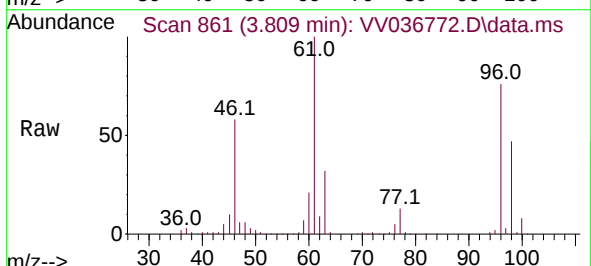


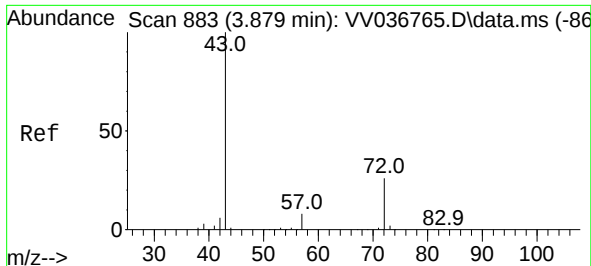
Tgt Ion: 63 Resp: 294834
Ion Ratio Lower Upper
63 100
65 30.7 23.2 43.0
83 13.3 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 51.329 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV036772.D
Acq: 02 Aug 2024 20:00

Tgt Ion: 96 Resp: 172565
Ion Ratio Lower Upper
96 100
61 131.7 93.9 174.5
98 62.2 46.0 85.4

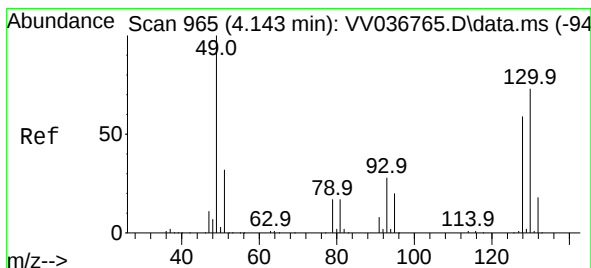
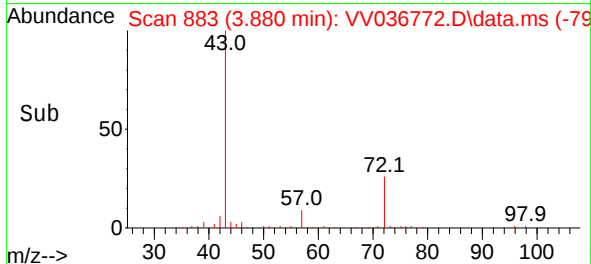
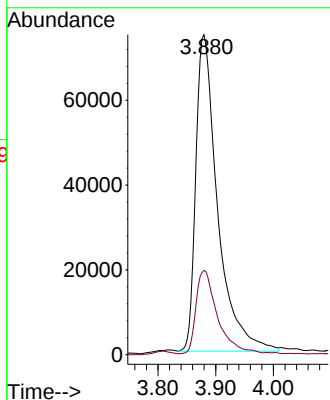
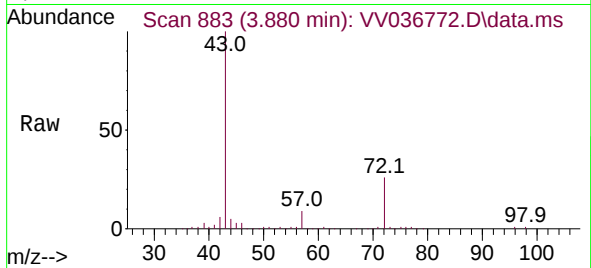




#22
2-Butanone
Concen: 94.243 ug/L
RT: 3.880 min Scan# 883
Delta R.T. 0.000 min
Lab File: VV036772.D
Acq: 02 Aug 2024 20:00

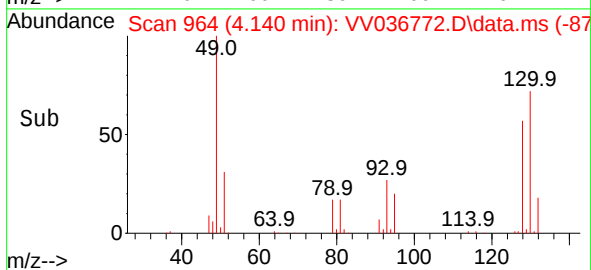
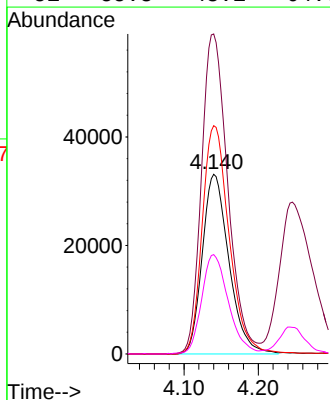
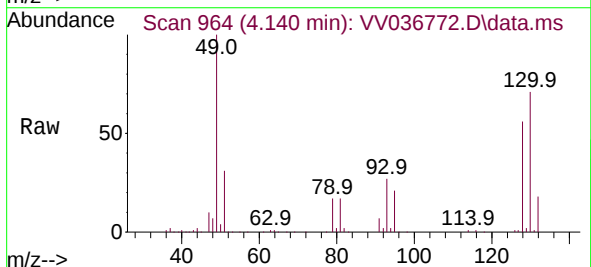
Instrument :
MSVOA_V
ClientSampleId :

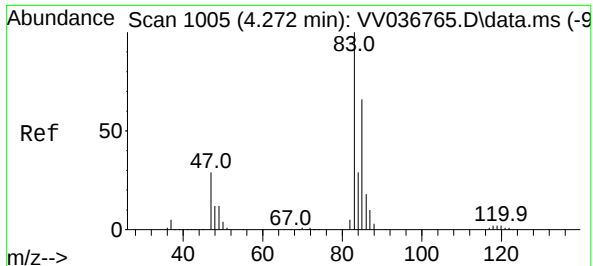
Tgt Ion: 43 Resp: 195687
Ion Ratio Lower Upper
43 100
72 26.0 12.5 37.5



#23
Bromochloromethane
Concen: 50.572 ug/L
RT: 4.140 min Scan# 964
Delta R.T. -0.003 min
Lab File: VV036772.D
Acq: 02 Aug 2024 20:00

Tgt Ion:128 Resp: 82589
Ion Ratio Lower Upper
128 100
49 178.1 120.0 223.0
130 127.1 87.0 161.6
51 55.3 43.1 64.7





#25

Chloroform

Concen: 51.255 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.000 min

Lab File: VV036772.D

Acq: 02 Aug 2024 20:00

Instrument :

MSVOA_V

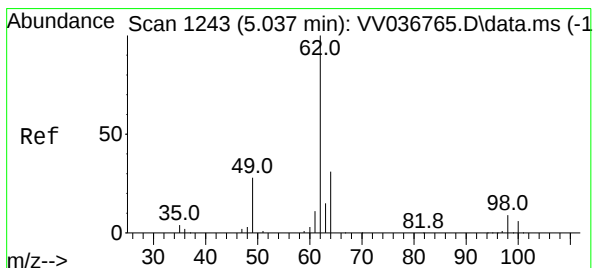
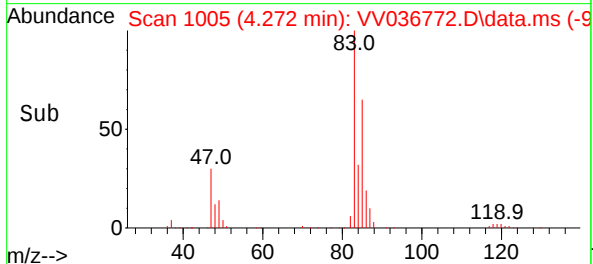
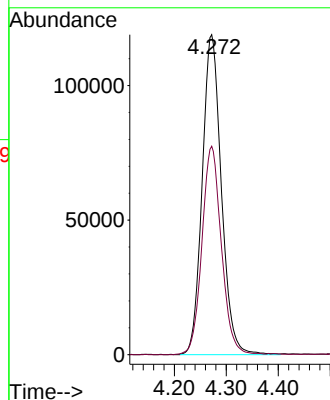
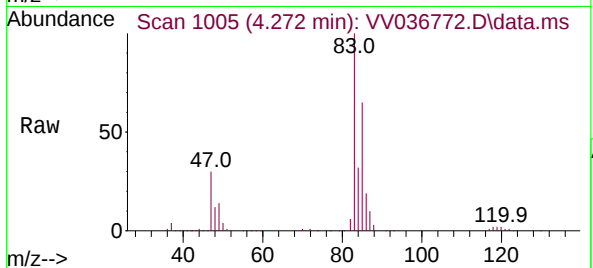
ClientSampleId :

Tgt Ion: 83 Resp: 304653

Ion Ratio Lower Upper

83 100

85 65.2 46.0 85.4



#27

1,2-Dichloroethane

Concen: 51.497 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV036772.D

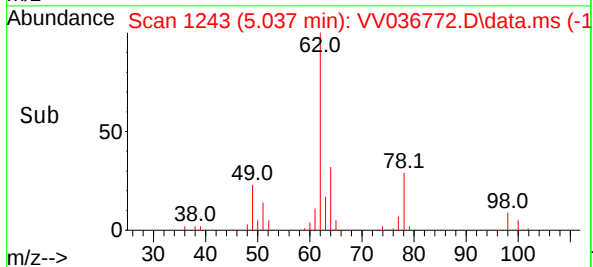
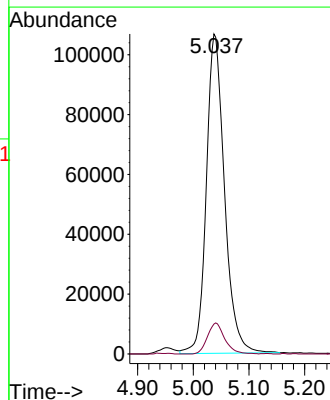
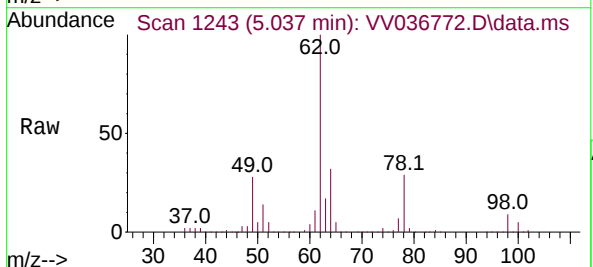
Acq: 02 Aug 2024 20:00

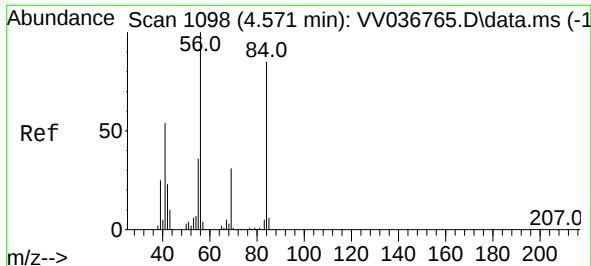
Tgt Ion: 62 Resp: 241442

Ion Ratio Lower Upper

62 100

98 9.4 7.5 11.3





#29

Cyclohexane

Concen: 52.429 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.000 min

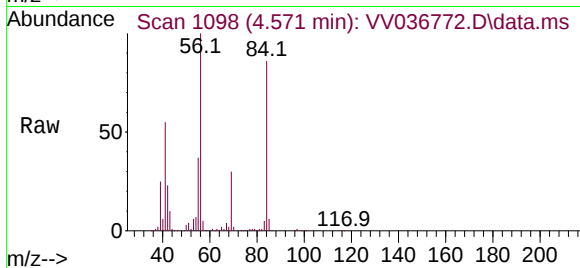
Lab File: VV036772.D

Acq: 02 Aug 2024 20:00

Instrument :

MSVOA_V

ClientSampleId :



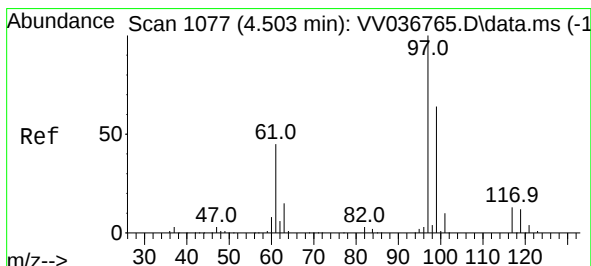
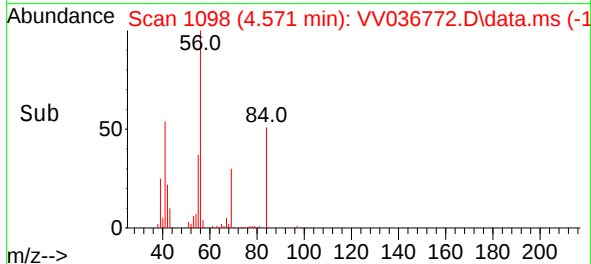
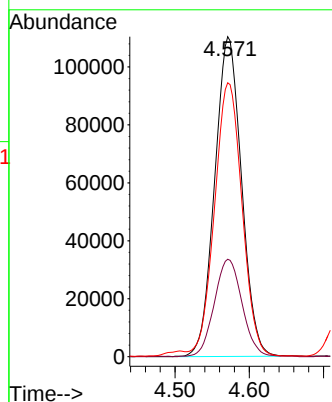
Tgt Ion: 56 Resp: 276957

Ion Ratio Lower Upper

56 100

69 31.6 24.7 37.1

84 87.8 68.5 102.7



#30

1,1,1-Trichloroethane

Concen: 50.702 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VV036772.D

Acq: 02 Aug 2024 20:00

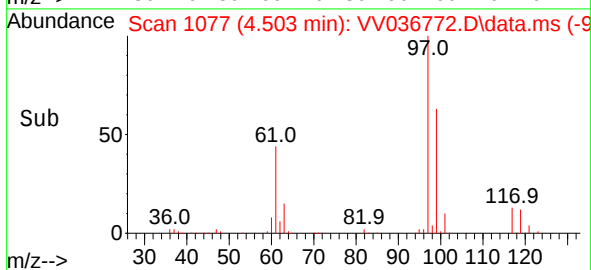
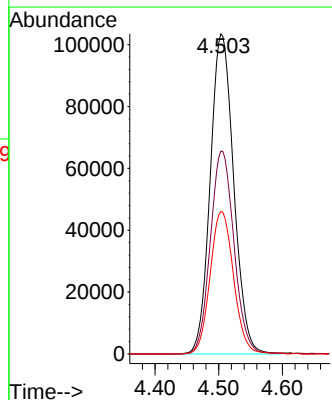
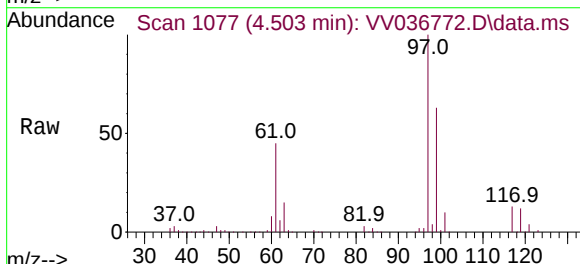
Tgt Ion: 97 Resp: 264835

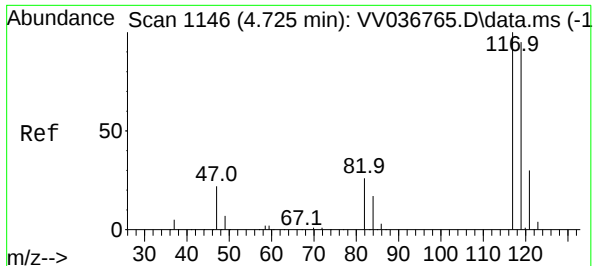
Ion Ratio Lower Upper

97 100

99 64.0 51.5 77.3

61 44.5 36.0 54.0

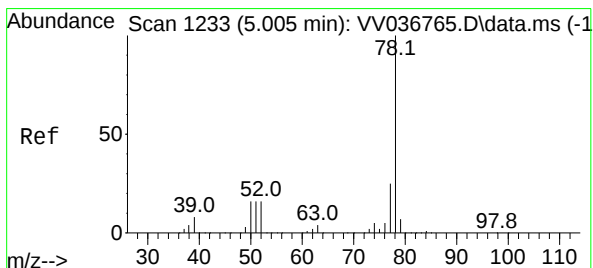
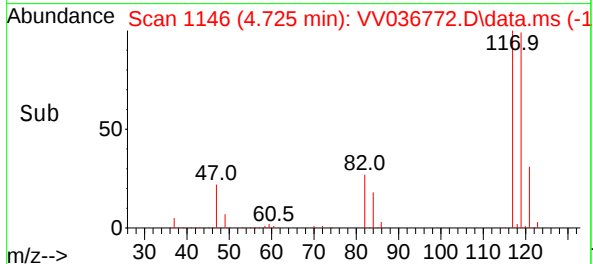
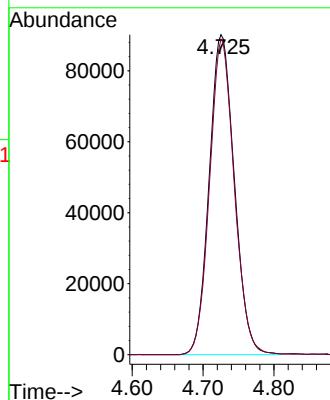
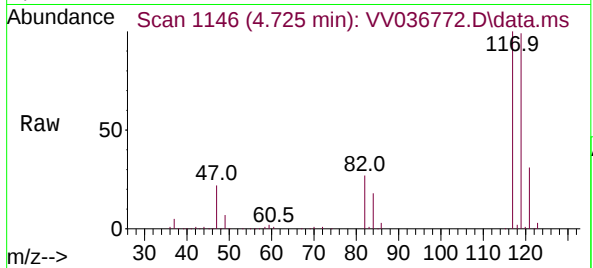




#31
Carbon tetrachloride
Concen: 50.657 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VV036772.D
Acq: 02 Aug 2024 20:00

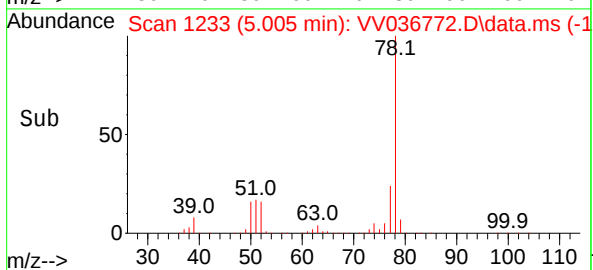
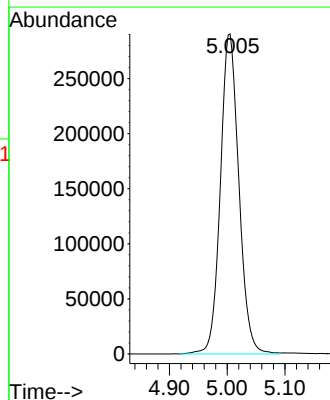
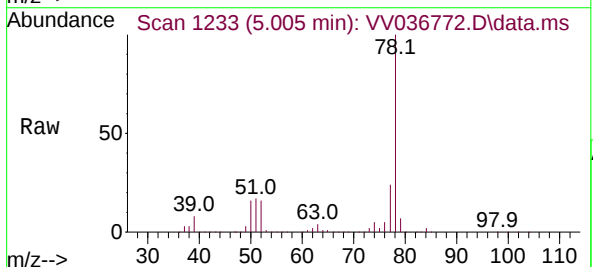
Instrument :
MSVOA_V
ClientSampleId :

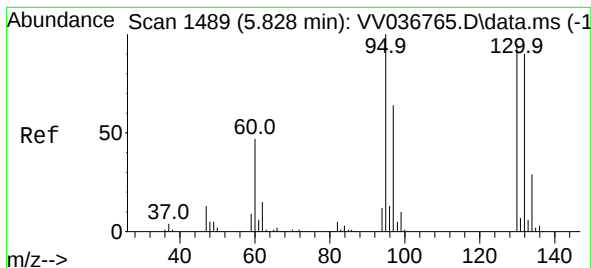
Tgt Ion:117 Resp: 222218
Ion Ratio Lower Upper
117 100
119 96.7 76.1 114.1



#33
Benzene
Concen: 52.178 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VV036772.D
Acq: 02 Aug 2024 20:00

Tgt Ion: 78 Resp: 647040





#34

Trichloroethene

Concen: 50.586 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV036772.D

Acq: 02 Aug 2024 20:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 181802

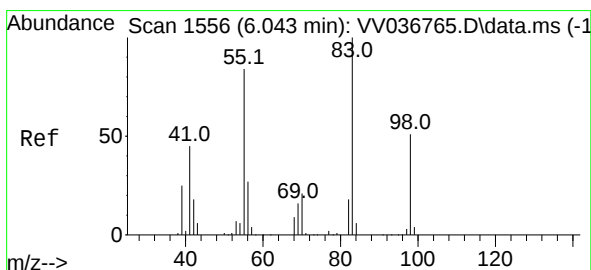
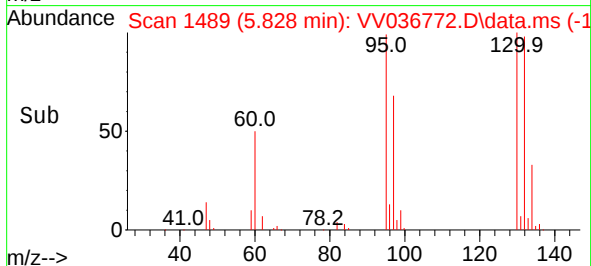
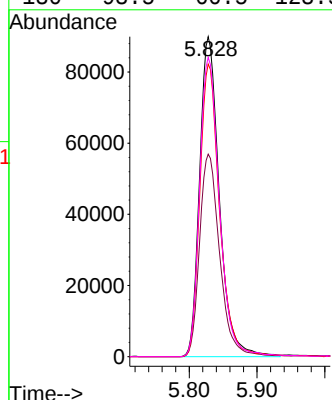
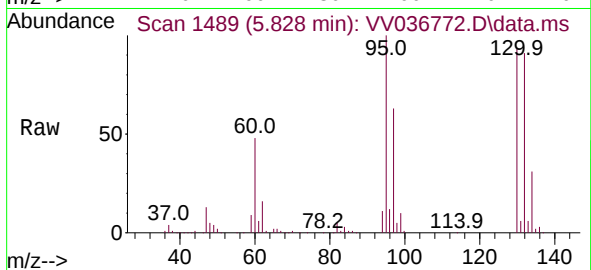
Ion Ratio Lower Upper

95 100

97 63.3 44.7 82.9

132 91.4 62.9 116.9

130 93.5 66.5 123.5



#35

Methylcyclohexane

Concen: 51.395 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VV036772.D

Acq: 02 Aug 2024 20:00

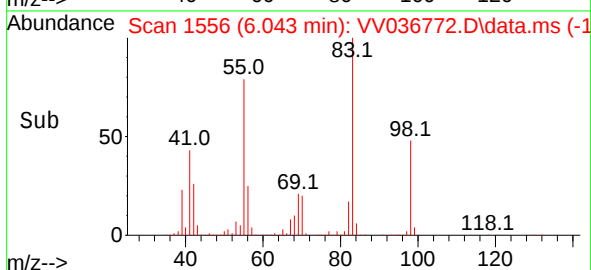
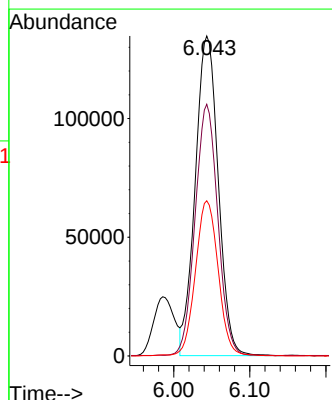
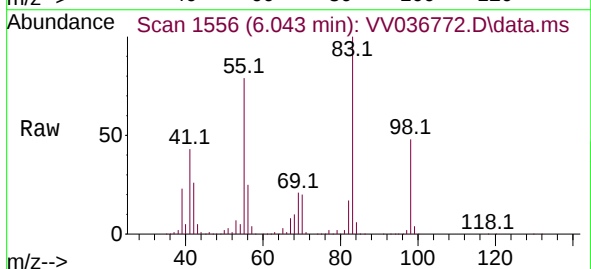
Tgt Ion: 83 Resp: 283430

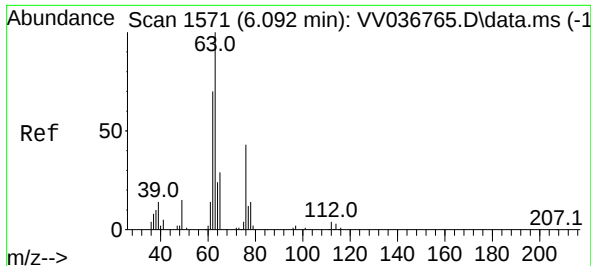
Ion Ratio Lower Upper

83 100

55 77.4 62.3 93.5

98 48.1 38.7 58.1

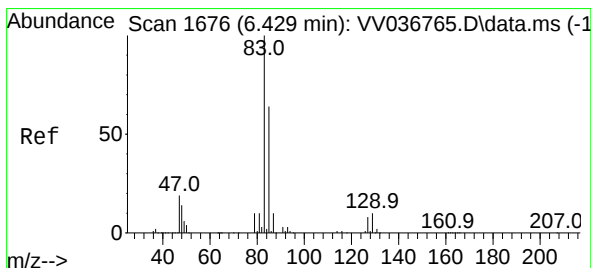
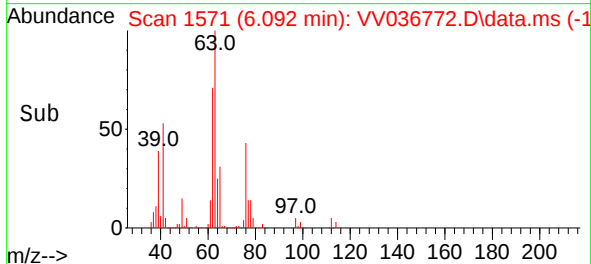
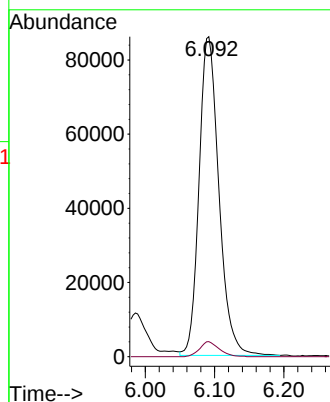
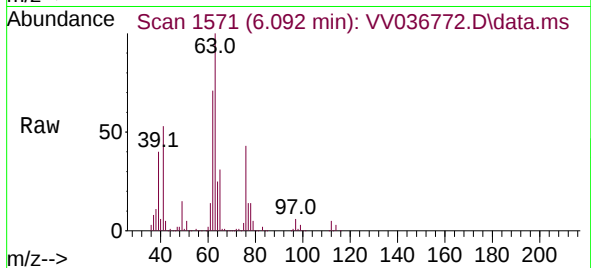




#37
1,2-Dichloropropane
Concen: 52.029 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VV036772.D
Acq: 02 Aug 2024 20:00

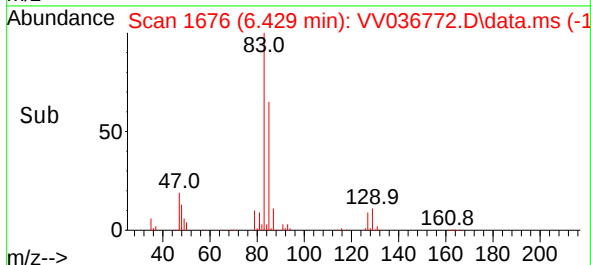
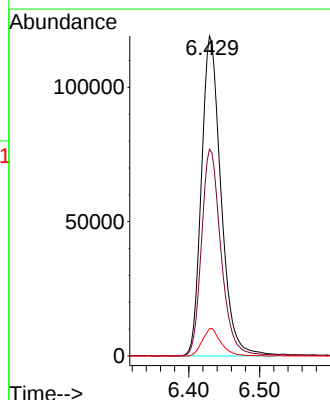
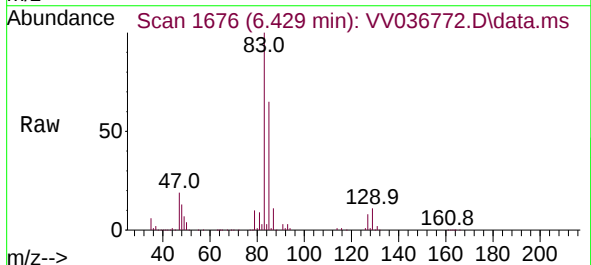
Instrument :
MSVOA_V
ClientSampleId :

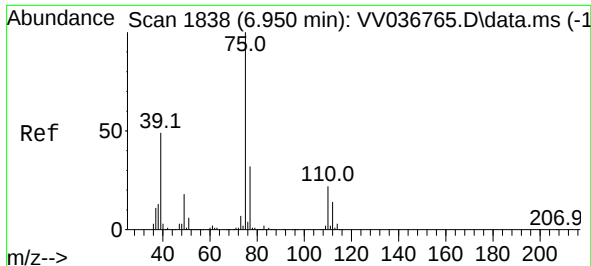
Tgt Ion: 63 Resp: 170918
Ion Ratio Lower Upper
63 100
112 4.6 3.6 5.4



#38
Bromodichloromethane
Concen: 50.583 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV036772.D
Acq: 02 Aug 2024 20:00

Tgt Ion: 83 Resp: 228822
Ion Ratio Lower Upper
83 100
85 64.6 44.7 83.1
127 8.5 6.2 9.4

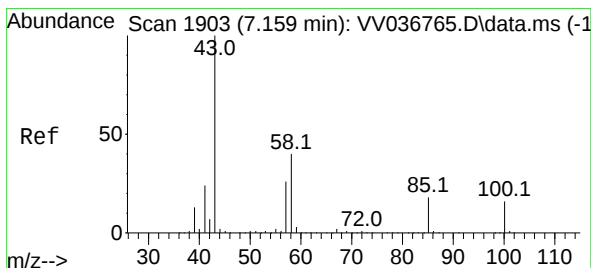
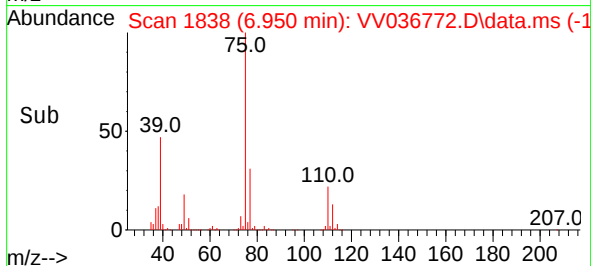
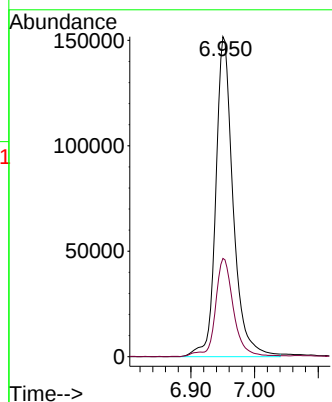
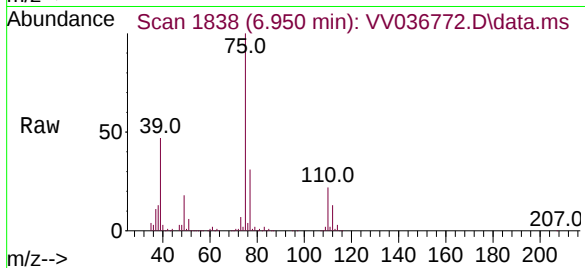




#39
 cis-1,3-Dichloropropene
 Concen: 51.052 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VV036772.D
 Acq: 02 Aug 2024 20:00

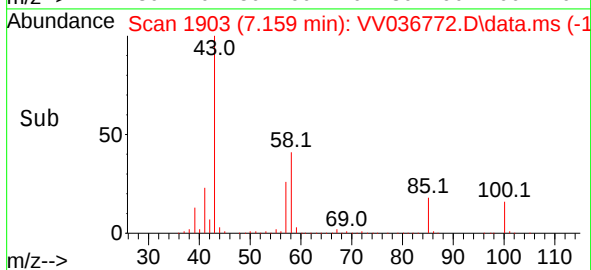
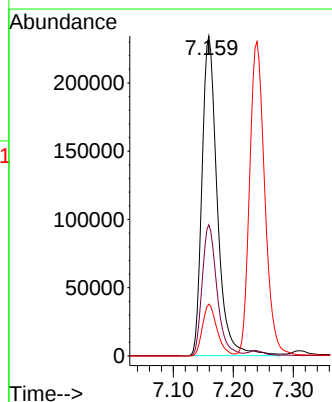
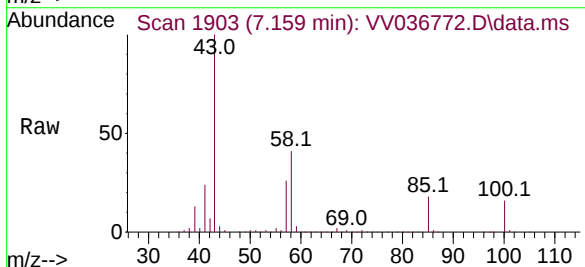
Instrument :
 MSVOA_V
 ClientSampleId :

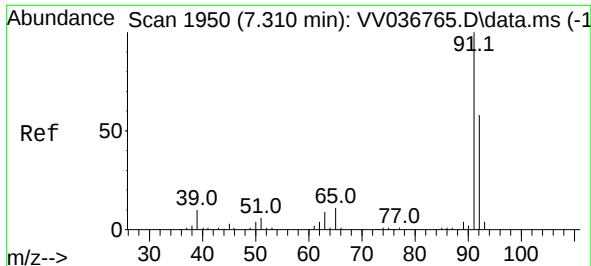
Tgt Ion: 75 Resp: 287220
 Ion Ratio Lower Upper
 75 100
 77 30.7 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 102.320 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VV036772.D
 Acq: 02 Aug 2024 20:00

Tgt Ion: 43 Resp: 416377
 Ion Ratio Lower Upper
 43 100
 58 40.0 31.3 46.9
 100 15.5 12.6 18.8





#42

Toluene

Concen: 51.374 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV036772.D

Acq: 02 Aug 2024 20:00

Instrument :

MSVOA_V

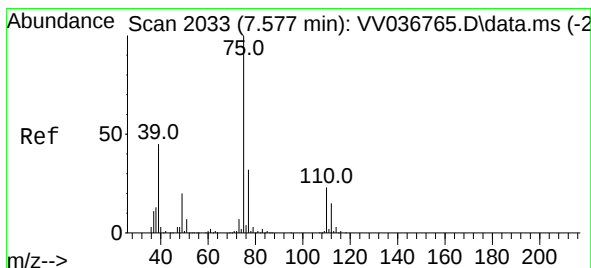
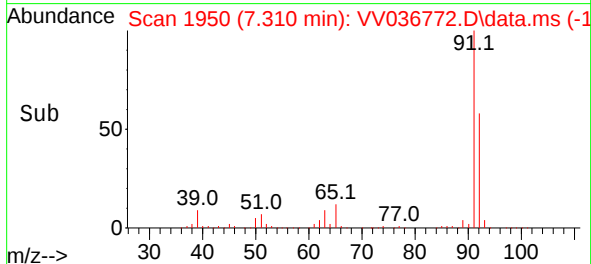
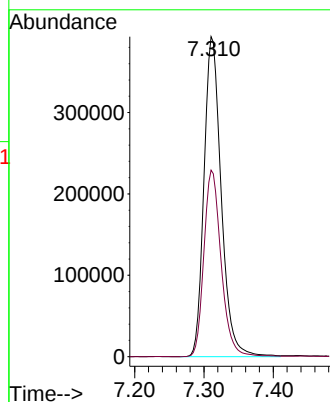
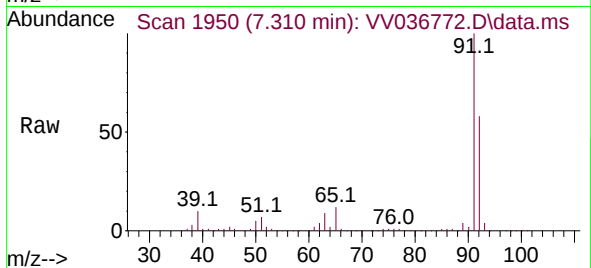
ClientSampleId :

Tgt Ion: 91 Resp: 678564

Ion Ratio Lower Upper

91 100

92 58.3 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 50.157 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV036772.D

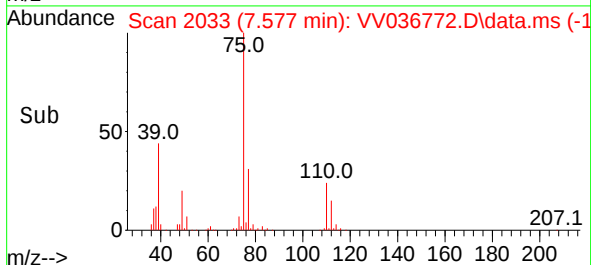
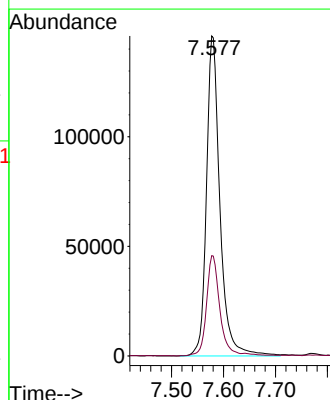
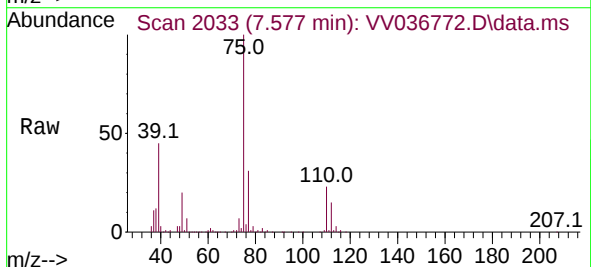
Acq: 02 Aug 2024 20:00

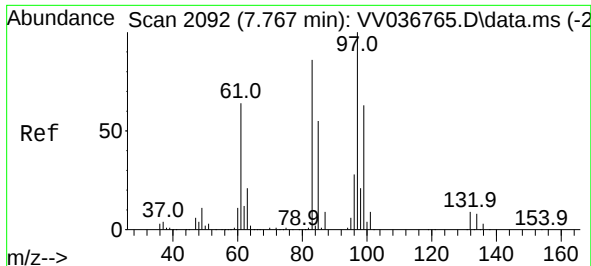
Tgt Ion: 75 Resp: 262949

Ion Ratio Lower Upper

75 100

77 31.4 22.4 41.6

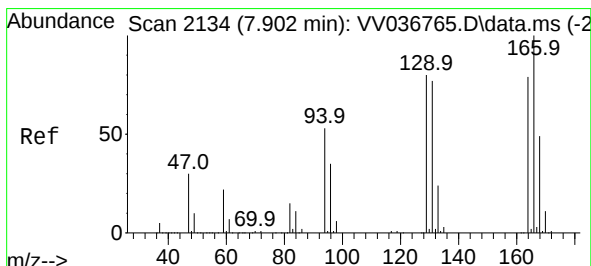
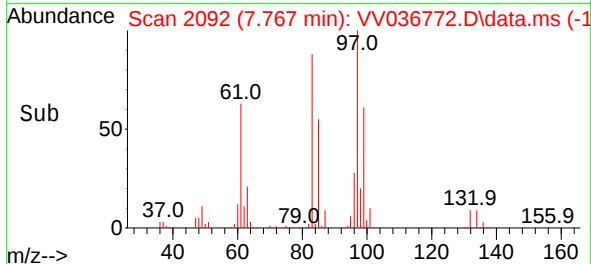
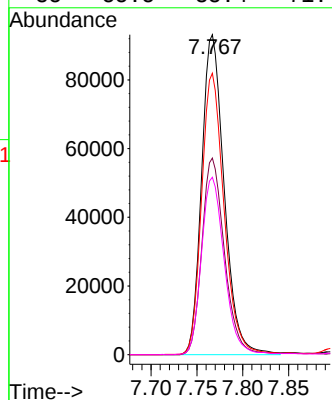
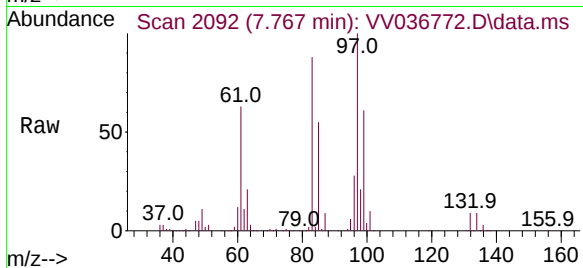




#45
1,1,2-Trichloroethane
Concen: 50.162 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV036772.D
Acq: 02 Aug 2024 20:00

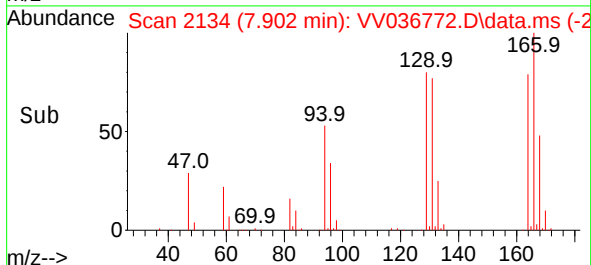
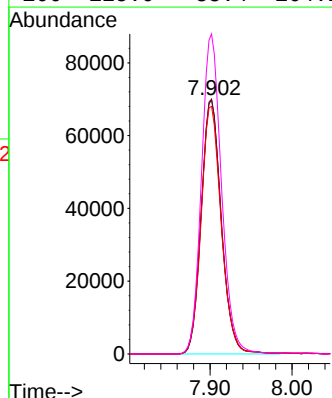
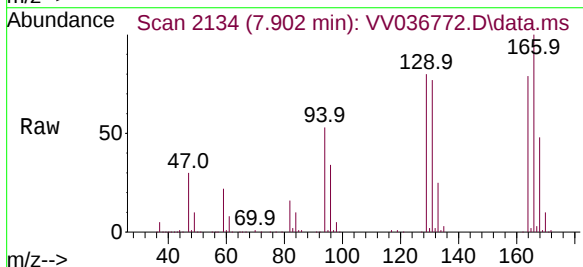
Instrument :
MSVOA_V
ClientSampleId :

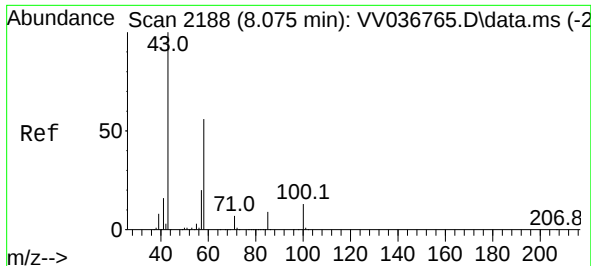
Tgt Ion:	97	Resp:	159579
Ion	Ratio	Lower	Upper
97	100		
99	61.5	44.0	81.6
83	88.0	60.1	111.5
85	55.5	38.4	71.4



#46
Tetrachloroethene
Concen: 50.274 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV036772.D
Acq: 02 Aug 2024 20:00

Tgt Ion:	164	Resp:	118514
Ion	Ratio	Lower	Upper
164	100		
129	100.3	70.4	130.8
131	97.5	67.7	125.7
166	125.9	88.4	164.2





#48

2-Hexanone

Concen: 101.998 ug/L

RT: 8.075 min Scan# 2188

Delta R.T. 0.000 min

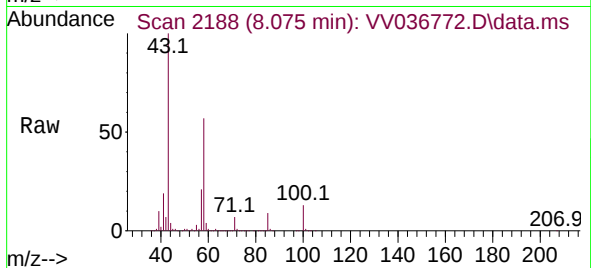
Lab File: VV036772.D

Acq: 02 Aug 2024 20:00

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 305352

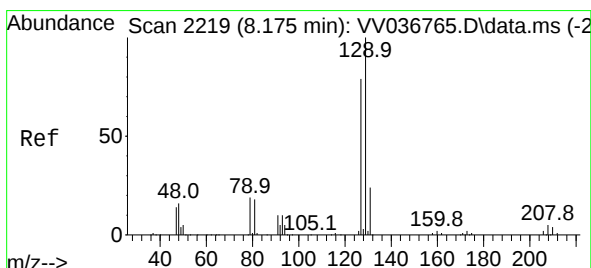
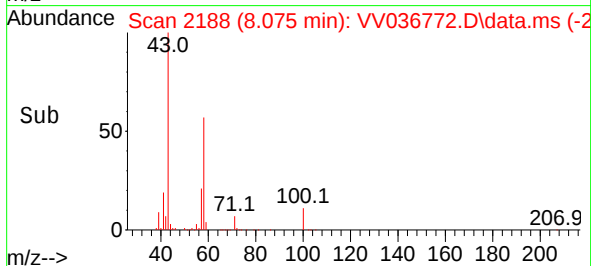
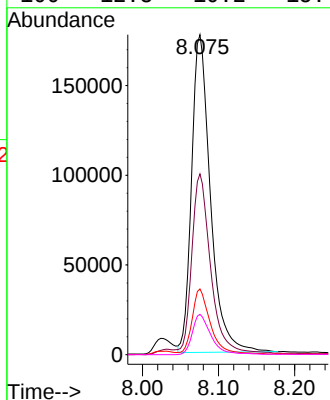
Ion Ratio Lower Upper

43 100

58 56.3 44.7 67.1

57 19.8 15.0 22.4

100 12.3 10.2 15.4



#49

Dibromochloromethane

Concen: 50.746 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.000 min

Lab File: VV036772.D

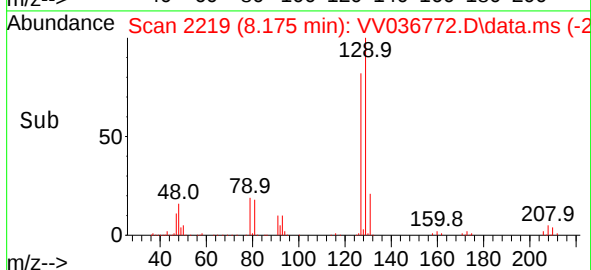
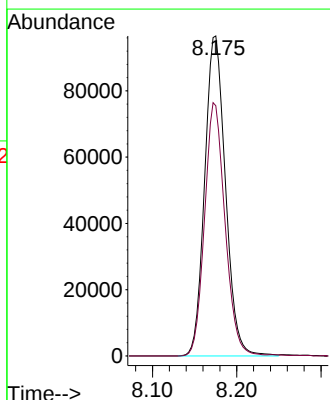
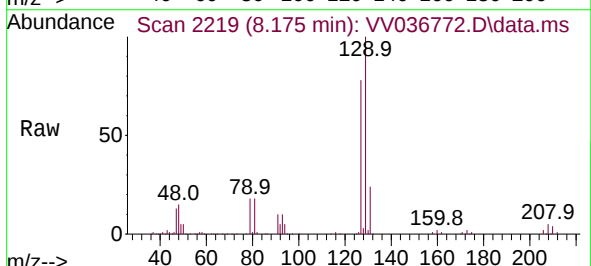
Acq: 02 Aug 2024 20:00

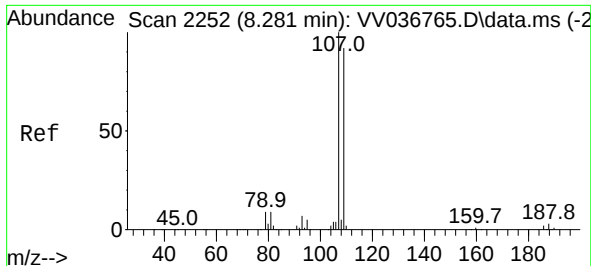
Tgt Ion: 129 Resp: 165898

Ion Ratio Lower Upper

129 100

127 78.2 55.4 102.8





#50

1,2-Dibromoethane

Concen: 51.062 ug/L

RT: 8.278 min Scan# 2416

Delta R.T. -0.003 min MSVOA_V

Lab File: VV036772.D

Acq: 02 Aug 2024 20:00

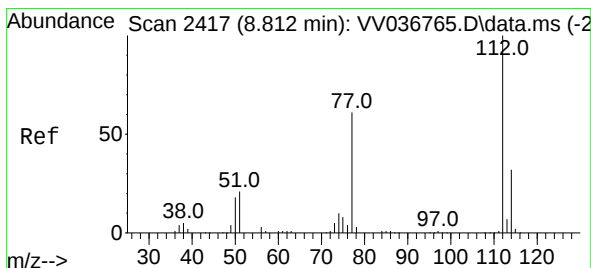
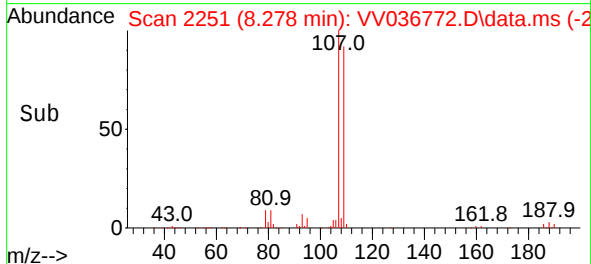
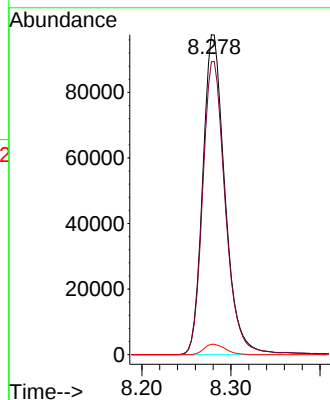
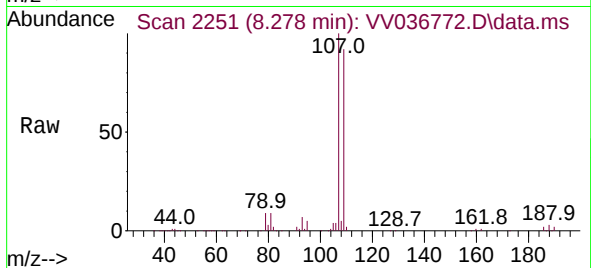
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107 Resp: 168540

Ion	Ratio	Lower	Upper
107	100		
109	91.5	64.7	120.1
188	3.3	2.6	3.8



#51

Chlorobenzene

Concen: 50.507 ug/L

RT: 8.809 min Scan# 2416

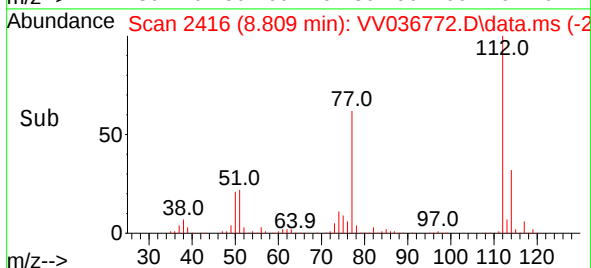
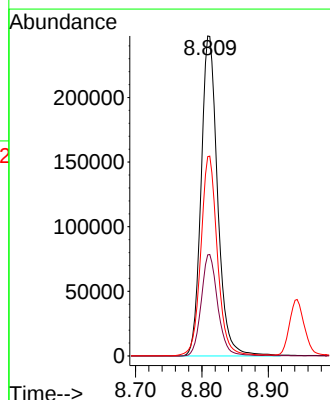
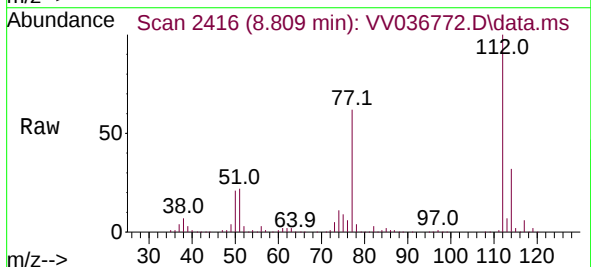
Delta R.T. -0.003 min

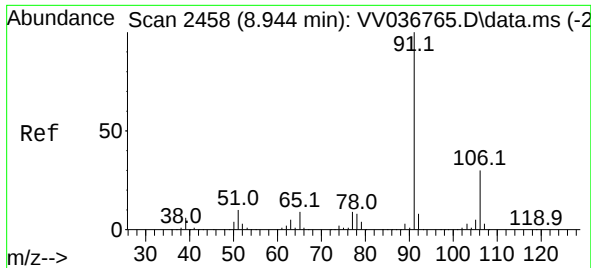
Lab File: VV036772.D

Acq: 02 Aug 2024 20:00

Tgt Ion:112 Resp: 428040

Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.3	41.5
77	62.3	48.9	73.3

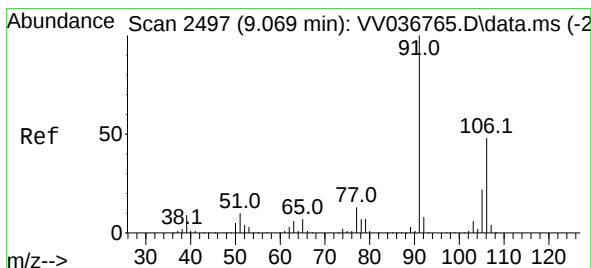
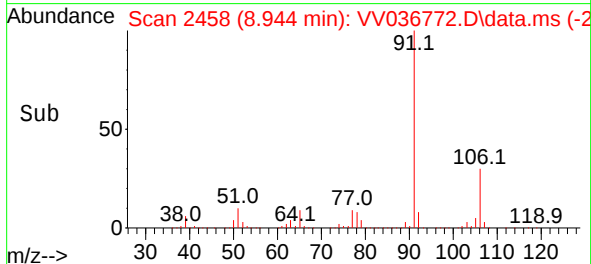
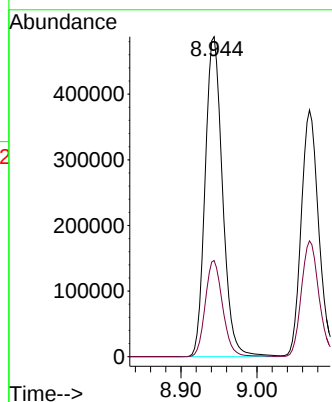
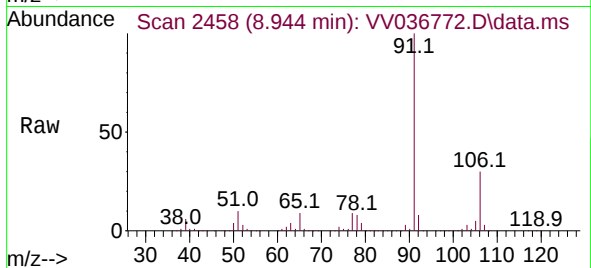




#52
Ethylbenzene
Concen: 51.379 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV036772.D
Acq: 02 Aug 2024 20:00

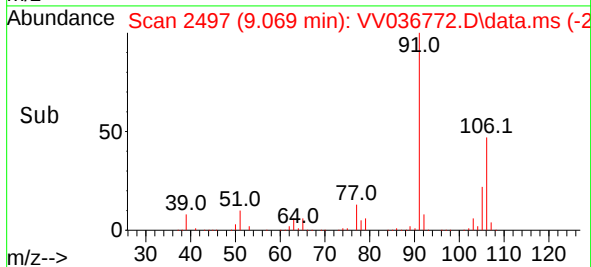
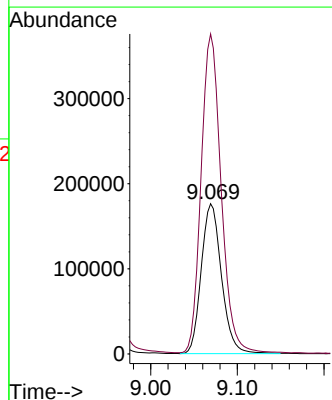
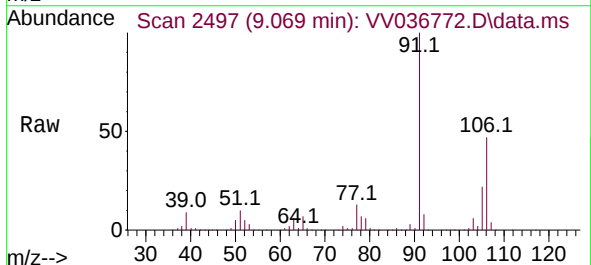
Instrument :
MSVOA_V
ClientSampleId :

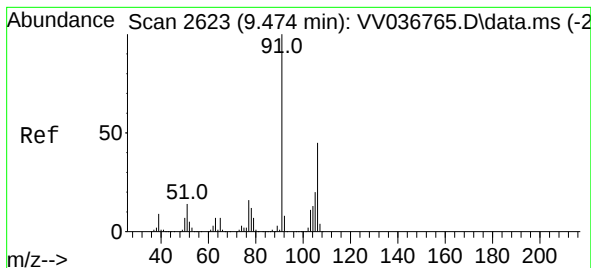
Tgt Ion: 91 Resp: 774862
Ion Ratio Lower Upper
91 100
106 30.1 21.1 39.1



#53
m,p-Xylene
Concen: 50.556 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV036772.D
Acq: 02 Aug 2024 20:00

Tgt Ion:106 Resp: 285002
Ion Ratio Lower Upper
106 100
91 213.0 147.1 273.3





#54

o-Xylene

Concen: 51.052 ug/L

RT: 9.474 min Scan# 2623

Delta R.T. 0.000 min

Lab File: VV036772.D

Acq: 02 Aug 2024 20:00

Instrument :

MSVOA_V

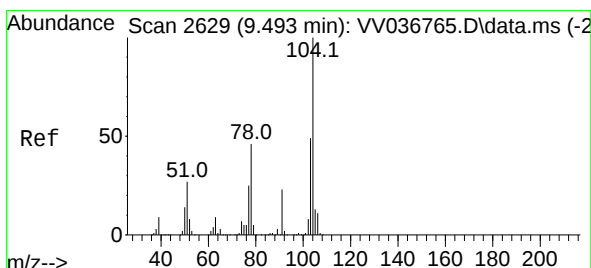
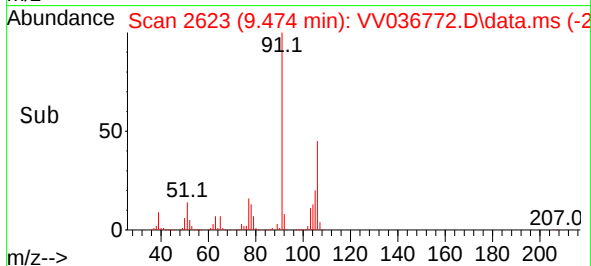
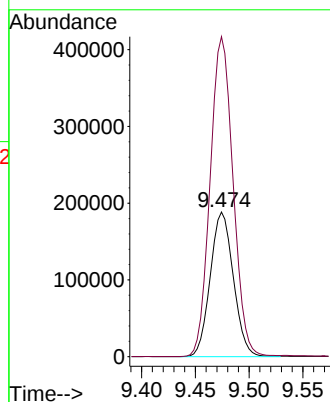
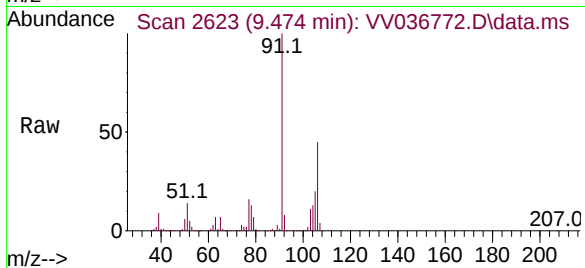
ClientSampleId :

Tgt Ion:106 Resp: 281484

Ion Ratio Lower Upper

106 100

91 221.3 154.5 286.9



#55

Styrene

Concen: 51.172 ug/L

RT: 9.493 min Scan# 2629

Delta R.T. 0.000 min

Lab File: VV036772.D

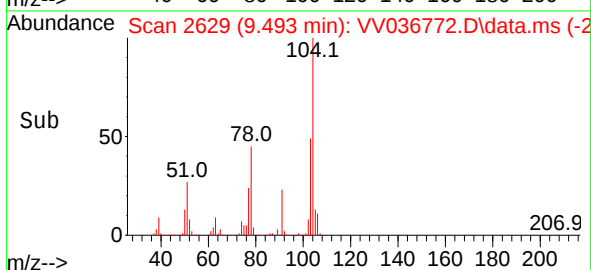
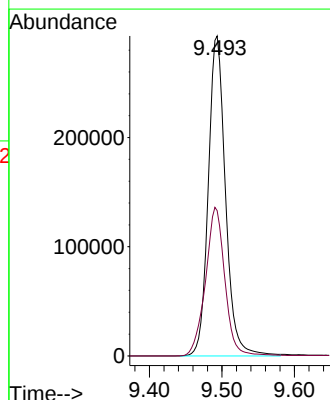
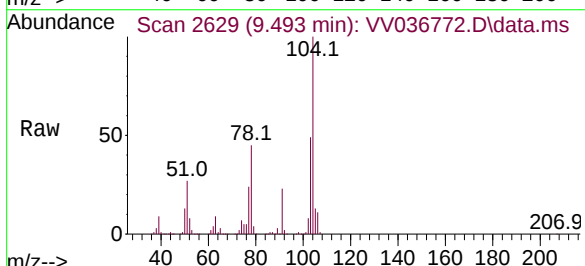
Acq: 02 Aug 2024 20:00

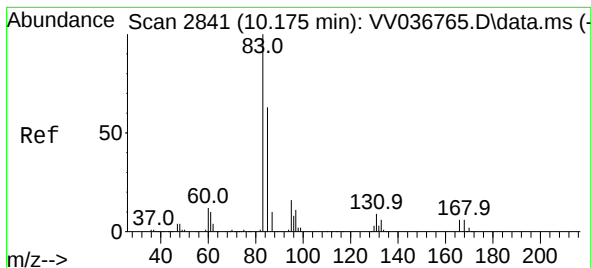
Tgt Ion:104 Resp: 483520

Ion Ratio Lower Upper

104 100

78 45.4 32.1 59.7





#57

1,1,2,2-Tetrachloroethane

Concen: 51.379 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. 0.000 min

Lab File: VV036772.D

Acq: 02 Aug 2024 20:00

Instrument :

MSVOA_V

ClientSampleId :

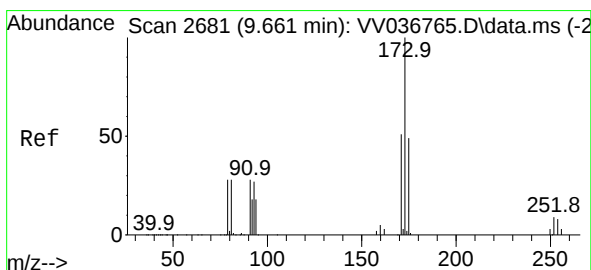
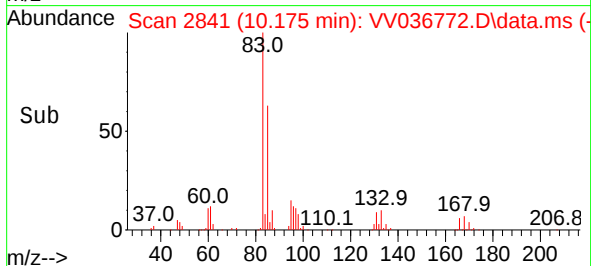
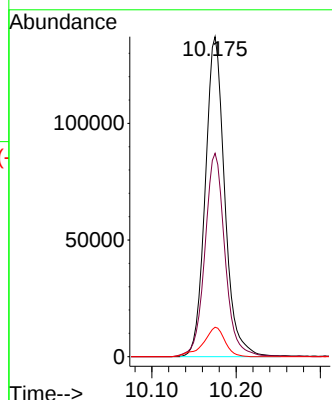
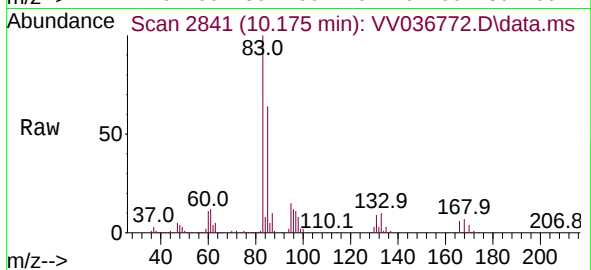
Tgt Ion: 83 Resp: 220550

Ion Ratio Lower Upper

83 100

85 63.6 44.7 83.1

131 9.2 7.2 10.8



#59

Bromoform

Concen: 49.884 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. 0.000 min

Lab File: VV036772.D

Acq: 02 Aug 2024 20:00

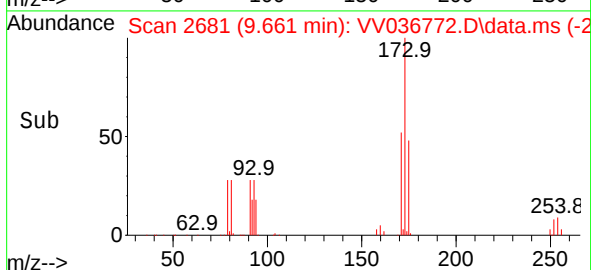
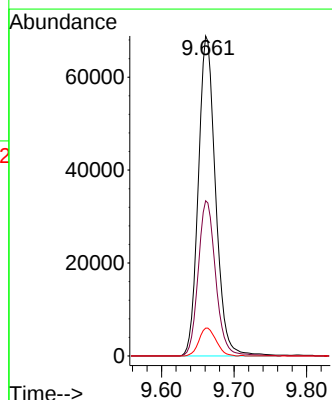
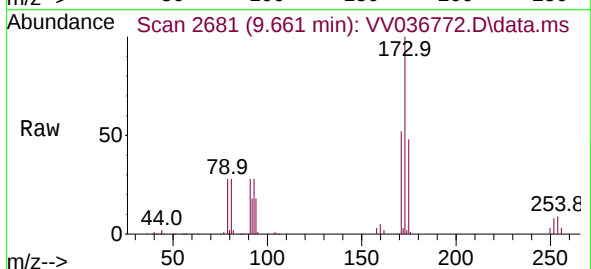
Tgt Ion:173 Resp: 113603

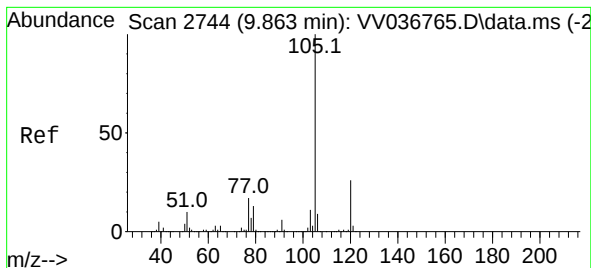
Ion Ratio Lower Upper

173 100

175 49.1 39.8 59.8

254 8.7 6.8 10.2





#60

Isopropylbenzene

Concen: 51.047 ug/L

RT: 9.863 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV036772.D

Acq: 02 Aug 2024 20:00

Instrument :

MSVOA_V

ClientSampleId :

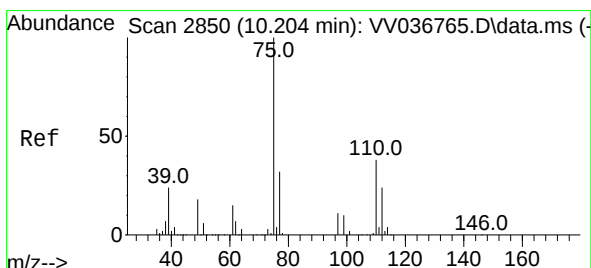
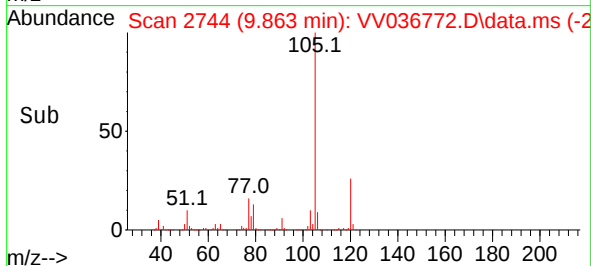
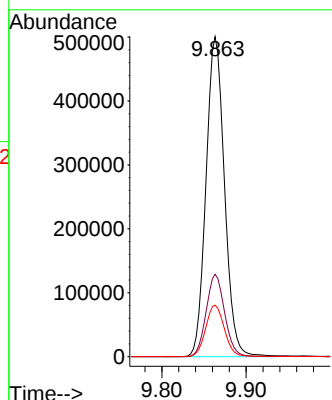
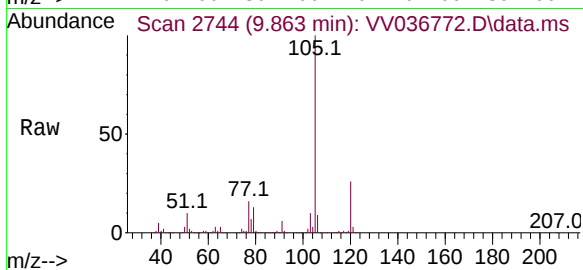
Tgt Ion:105 Resp: 765026

Ion Ratio Lower Upper

105 100

120 25.8 20.3 30.5

77 16.2 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 50.366 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. 0.003 min

Lab File: VV036772.D

Acq: 02 Aug 2024 20:00

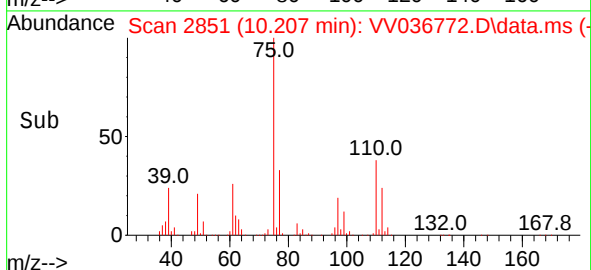
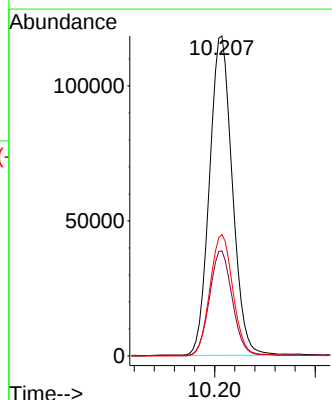
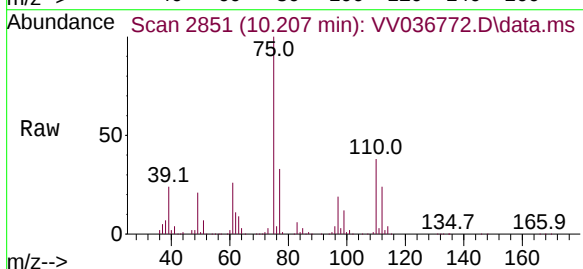
Tgt Ion: 75 Resp: 186639

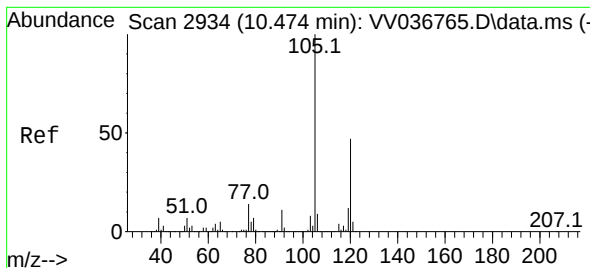
Ion Ratio Lower Upper

75 100

77 32.5 26.2 39.2

110 38.5 31.3 46.9





#62

1,3,5-Trimethylbenzene

Concen: 50.848 ug/L

RT: 10.471 min Scan# 2934

Delta R.T. -0.003 min

Lab File: VV036772.D

Acq: 02 Aug 2024 20:00

Instrument :

MSVOA_V

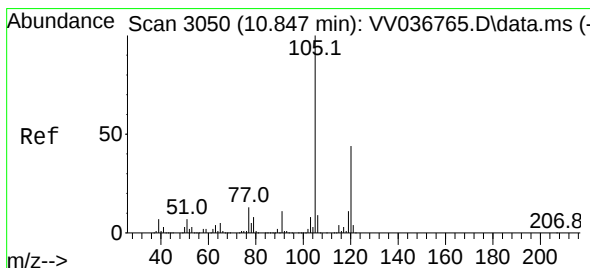
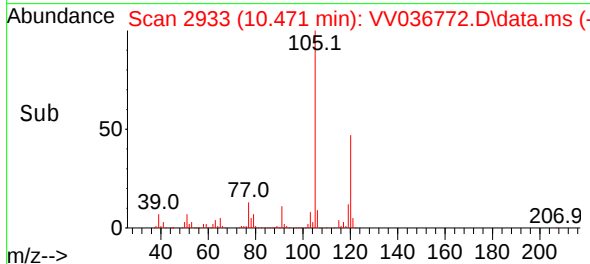
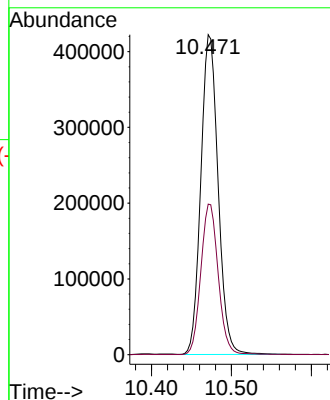
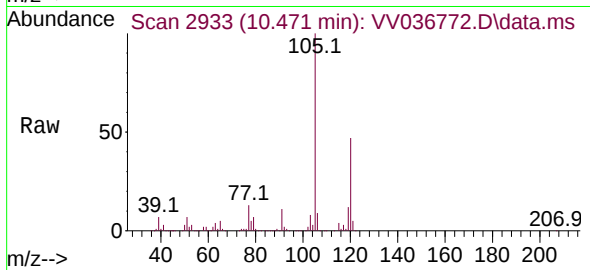
ClientSampleId :

Tgt Ion:105 Resp: 634431

Ion Ratio Lower Upper

105 100

120 47.3 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 50.755 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VV036772.D

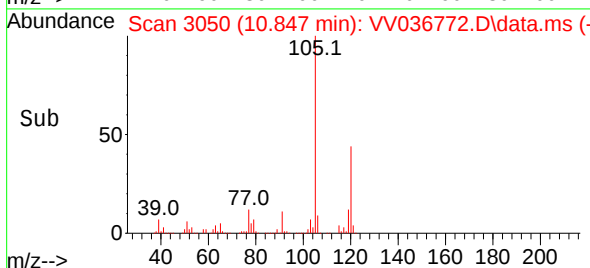
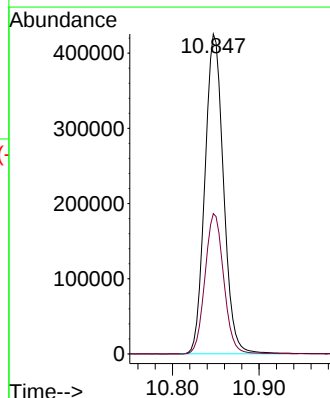
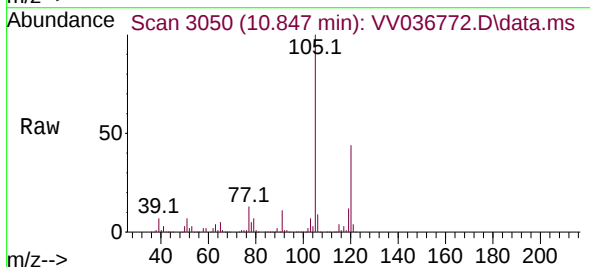
Acq: 02 Aug 2024 20:00

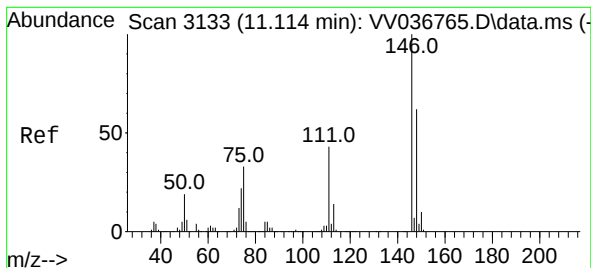
Tgt Ion:105 Resp: 633921

Ion Ratio Lower Upper

105 100

120 44.4 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 49.825 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV036772.D

Acq: 02 Aug 2024 20:00

Instrument :

MSVOA_V

ClientSampleId :

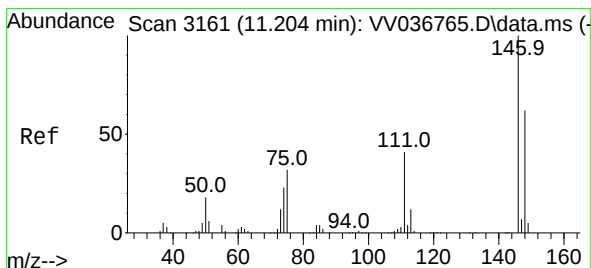
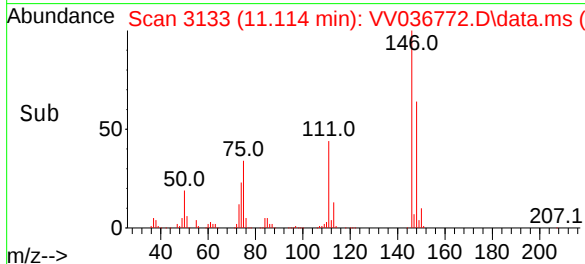
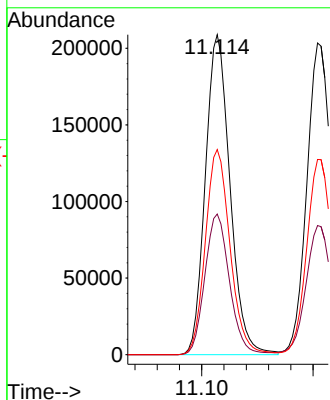
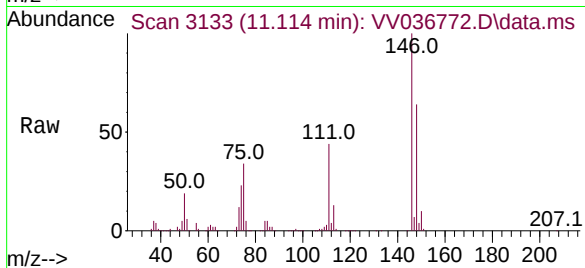
Tgt Ion:146 Resp: 321105

Ion Ratio Lower Upper

146 100

111 44.0 29.8 55.4

148 64.1 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 50.151 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV036772.D

Acq: 02 Aug 2024 20:00

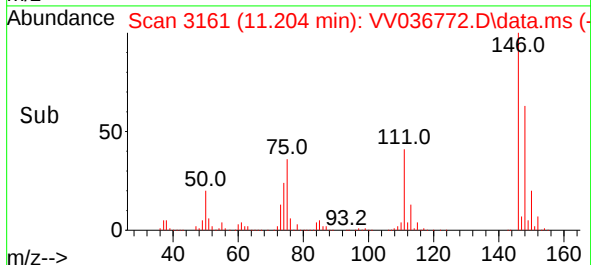
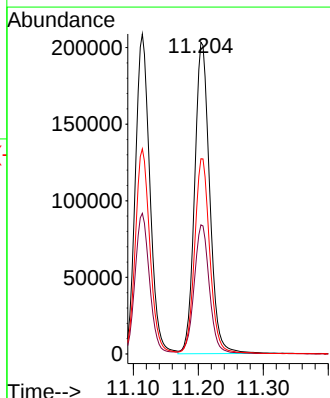
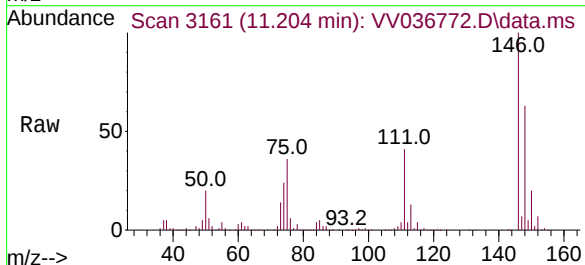
Tgt Ion:146 Resp: 328668

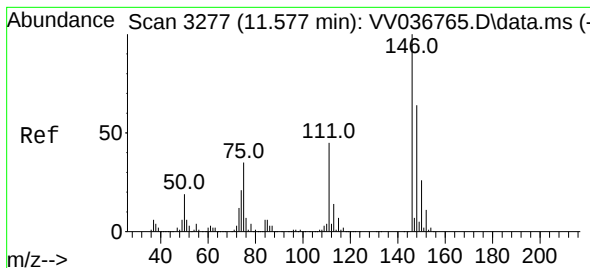
Ion Ratio Lower Upper

146 100

111 41.4 29.0 53.9

148 62.6 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 50.102 ug/L

RT: 11.574 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV036772.D

Acq: 02 Aug 2024 20:00

Instrument :

MSVOA_V

ClientSampleId :

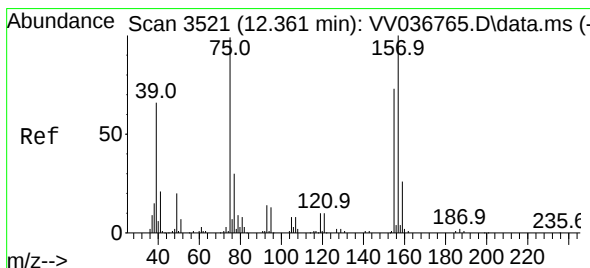
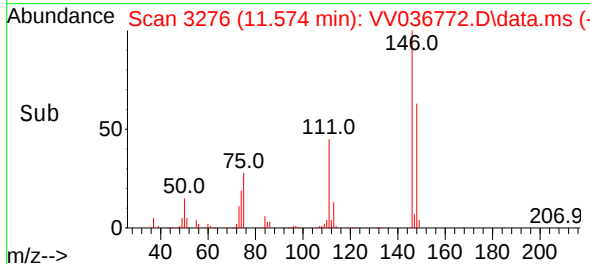
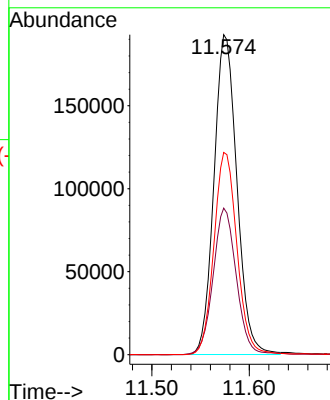
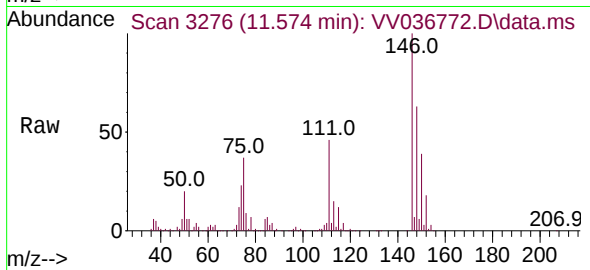
Tgt Ion:146 Resp: 315350

Ion Ratio Lower Upper

146 100

111 45.8 35.7 53.5

148 63.2 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 48.877 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV036772.D

Acq: 02 Aug 2024 20:00

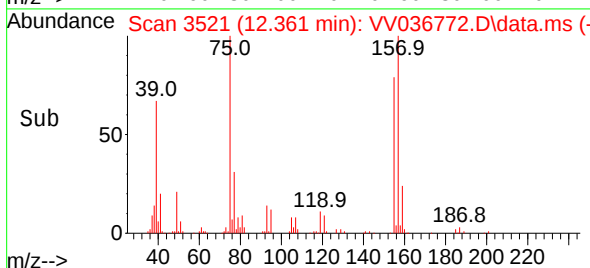
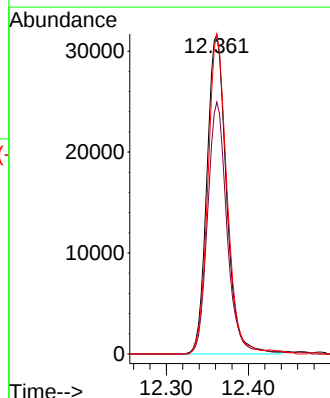
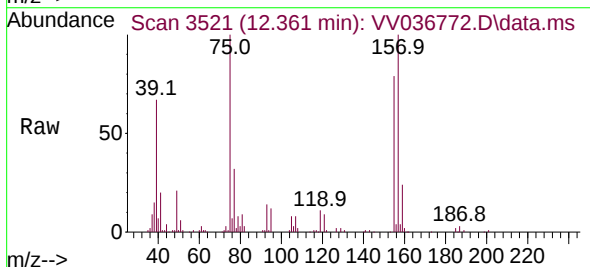
Tgt Ion: 75 Resp: 52340

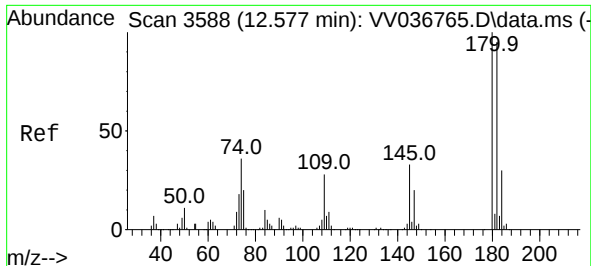
Ion Ratio Lower Upper

75 100

155 78.9 59.5 89.3

157 100.3 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 48.952 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

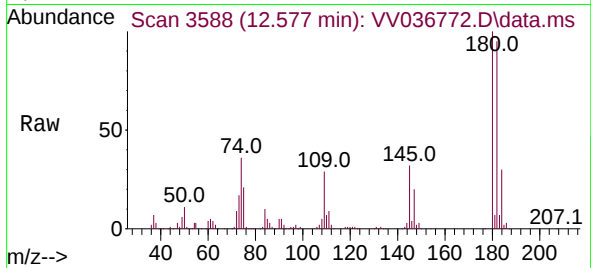
Lab File: VV036772.D

Acq: 02 Aug 2024 20:00

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 223879

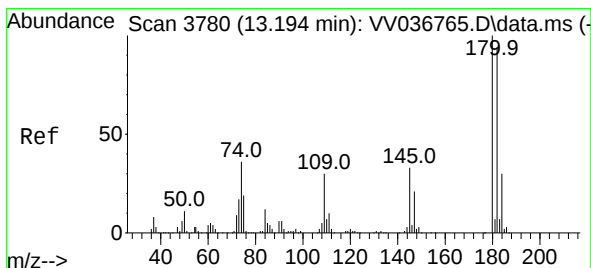
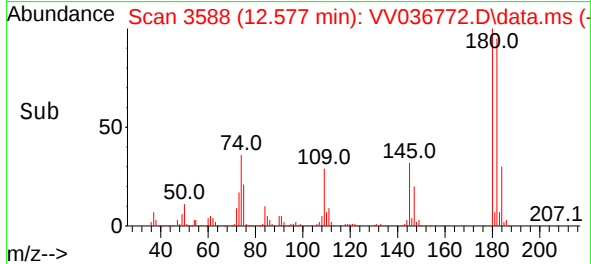
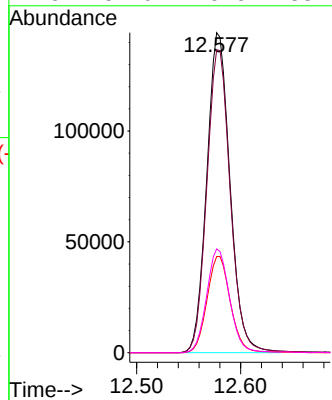
Ion Ratio Lower Upper

180 100

182 95.8 75.0 112.6

184 30.2 23.7 35.5

145 31.9 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 47.885 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV036772.D

Acq: 02 Aug 2024 20:00

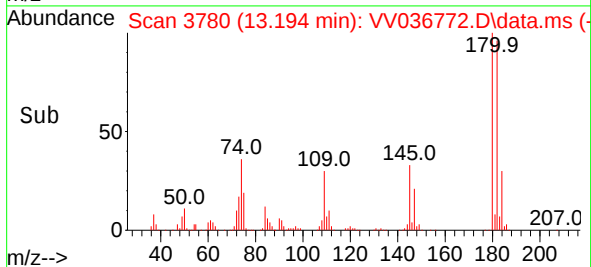
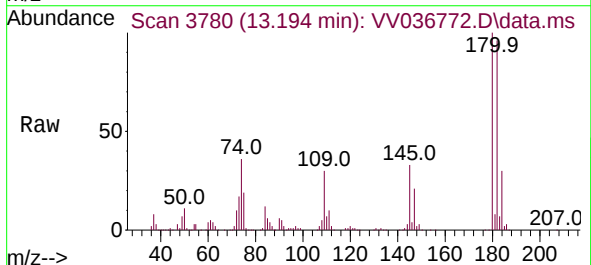
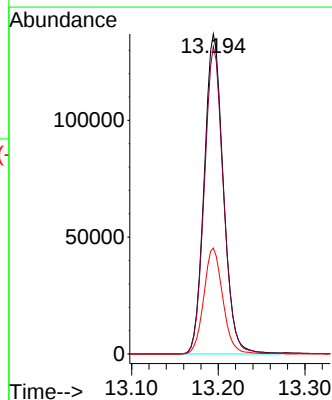
Tgt Ion:180 Resp: 210042

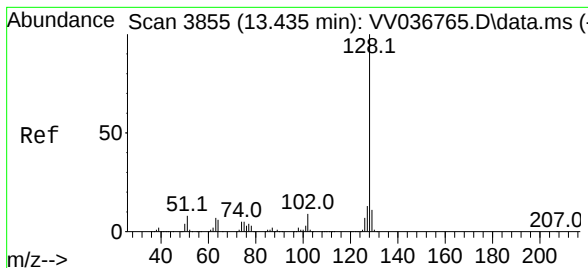
Ion Ratio Lower Upper

180 100

182 96.1 75.1 112.7

145 32.8 26.5 39.7





#71

Naphthalene

Concen: 48.226 ug/L

RT: 13.432 min Scan# 3855

Delta R.T. -0.003 min

Lab File: VV036772.D

Acq: 02 Aug 2024 20:00

Instrument :

MSVOA_V

ClientSampleId :

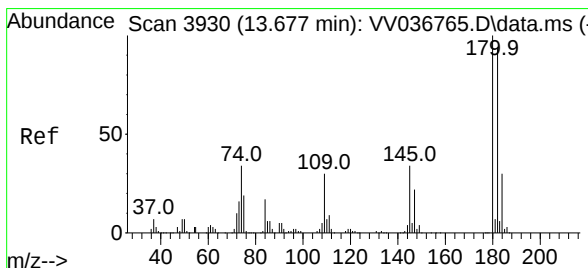
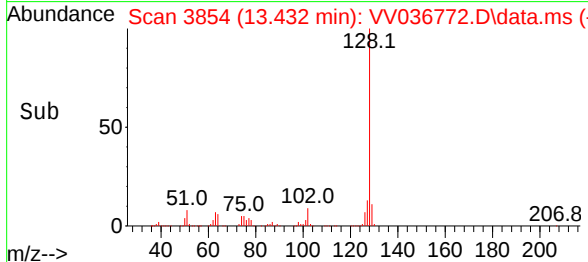
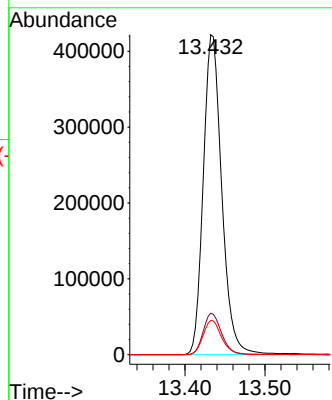
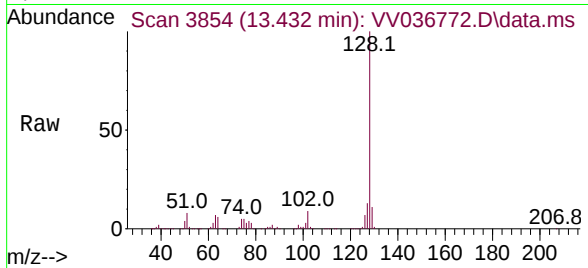
Tgt Ion:128 Resp: 678341

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 48.570 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV036772.D

Acq: 02 Aug 2024 20:00

Tgt Ion:180 Resp: 208543

Ion Ratio Lower Upper

180 100

182 95.7 76.2 114.2

145 34.7 27.8 41.6

