

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081924\
 Data File : VV036966.D
 Acq On : 19 Aug 2024 09:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 20 04:37:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 16 23:06:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	710554	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	679985	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	348713	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	224141	39.494	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.980%
7) Chloroethane-d5	1.529	69	189895	42.429	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.860%
11) 1,1-Dichloroethene-d2	2.056	65	97763	40.271	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.540%
21) 2-Butanone-d5	3.789	46	285673	95.004	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.000%
24) Chloroform-d	4.243	84	476333	46.770	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.540%
26) 1,2-Dichloroethane-d4	4.934	65	295867	45.183	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.360%
32) Benzene-d6	4.950	84	895952	43.624	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.240%
36) 1,2-Dichloropropane-d6	5.982	67	297643	44.921	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.840%
41) Toluene-d8	7.236	98	798675	42.393	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.780%
43) trans-1,3-Dichloroprop...	7.548	79	145438	42.177	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.360%
47) 2-Hexanone-d5	8.021	63	174469	91.579	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.580%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	381116	50.095	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.554	152	311847	43.886	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	285331	50.362	ug/L	100
3) Chloromethane	1.217	50	306795	51.743	ug/L	99
5) Vinyl chloride	1.281	62	314084	51.582	ug/L	98
6) Bromomethane	1.484	94	196337	51.214	ug/L	98
8) Chloroethane	1.548	64	195055	51.716	ug/L	98
9) Trichlorofluoromethane	1.712	101	409102	51.294	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	248329	52.840	ug/L	99
12) 1,1-Dichloroethene	2.066	96	230377	51.326	ug/L	98
13) Acetone	2.111	43	254595	101.197	ug/L	100
14) Carbon disulfide	2.236	76	633990	44.966	ug/L	99
15) Methyl Acetate	2.371	43	251270	48.482	ug/L	98
16) Methylene chloride	2.442	84	261908	51.904	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	237775	51.142	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	821209	50.151	ug/L	99
19) 1,1-Dichloroethane	3.101	63	490344	52.202	ug/L	99
20) cis-1,2-Dichloroethene	3.805	96	284536	52.142	ug/L	98
22) 2-Butanone	3.873	43	325979	96.720	ug/L	99
23) Bromochloromethane	4.137	128	138668	52.312	ug/L	98
25) Chloroform	4.268	83	507342	52.587	ug/L	98

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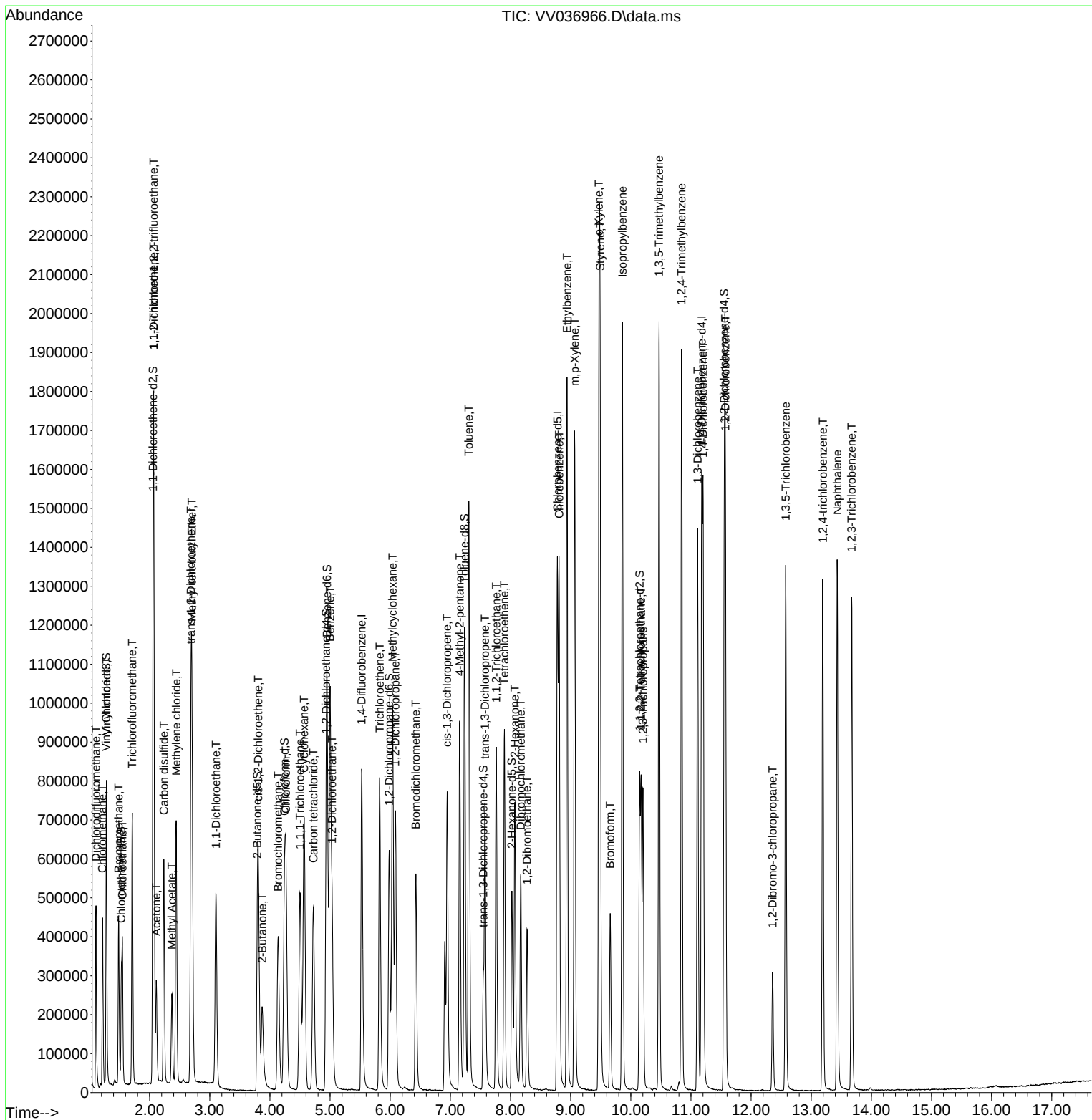
Instrument :
 MSVOA_V
 ClientSampleId :

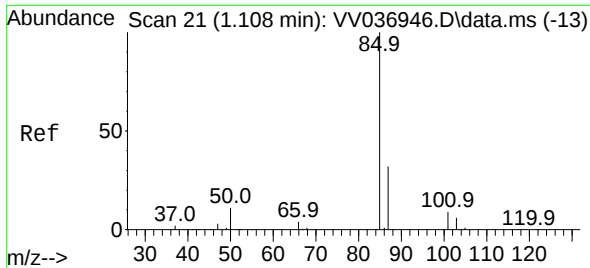
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	375298	49.316	ug/L	99
29) Cyclohexane	4.567	56	400867	46.269	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	427225	49.869	ug/L	99
31) Carbon tetrachloride	4.722	117	354535	49.277	ug/L	98
33) Benzene	5.002	78	1044130	51.338	ug/L	100
34) Trichloroethene	5.825	95	285160	48.378	ug/L	97
35) Methylcyclohexane	6.040	83	422232	46.682	ug/L	99
37) 1,2-Dichloropropane	6.085	63	286766	53.225	ug/L	100
38) Bromodichloromethane	6.426	83	383684	51.714	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	471059	51.050	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	629167	94.269	ug/L	99
42) Toluene	7.307	91	1095622	50.576	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	424505	49.370	ug/L	99
45) 1,1,2-Trichloroethane	7.763	97	272704	52.266	ug/L	99
46) Tetrachloroethene	7.899	164	195410	50.542	ug/L	99
48) 2-Hexanone	8.072	43	461516	93.995	ug/L	99
49) Dibromochloromethane	8.172	129	280914	52.391	ug/L	97
50) 1,2-Dibromoethane	8.275	107	275510	50.893	ug/L	98
51) Chlorobenzene	8.808	112	715978	51.510	ug/L	98
52) Ethylbenzene	8.940	91	1248297	50.467	ug/L	100
53) m,p-Xylene	9.066	106	466960	50.505	ug/L	98
54) o-Xylene	9.471	106	456195	50.447	ug/L	98
55) Styrene	9.490	104	802508	51.784	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	379746	53.939	ug/L	99
59) Bromoform	9.657	173	186492	48.342	ug/L	99
60) Isopropylbenzene	9.860	105	1237233	48.735	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	305982	48.743	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	1017493	48.141	ug/L	98
63) 1,2,4-Trimethylbenzene	10.844	105	1026177	48.501	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	556303	50.957	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	564173	50.819	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	546170	51.225	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	78136	43.073	ug/L	94
69) 1,3,5-Trichlorobenzene	12.577	180	391100	50.481	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	359544	48.388	ug/L	99
71) Naphthalene	13.432	128	1067280	44.792	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	357867	49.202	ug/L	100

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

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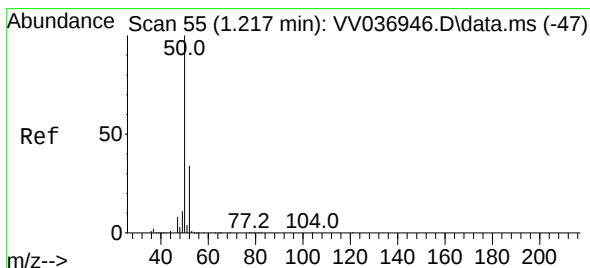
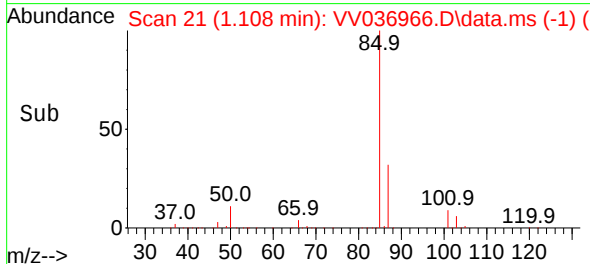
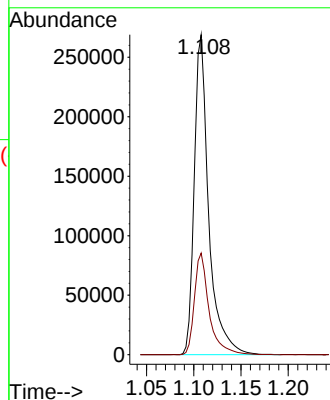
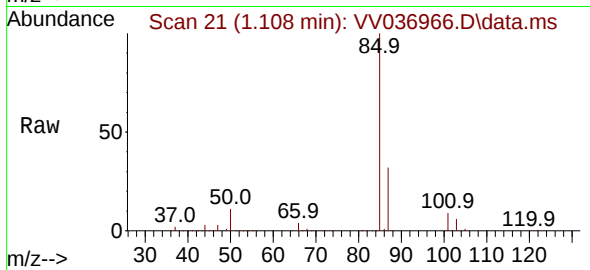




#2
 Dichlorodifluoromethane
 Concen: 50.362 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV036966.D
 Acq: 19 Aug 2024 09:07

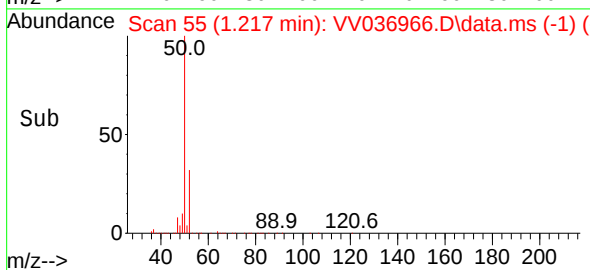
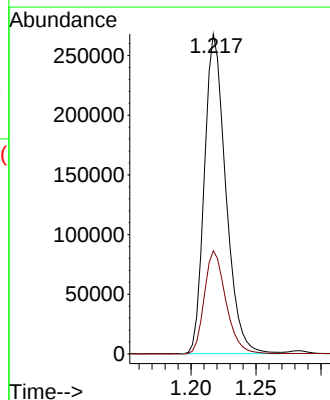
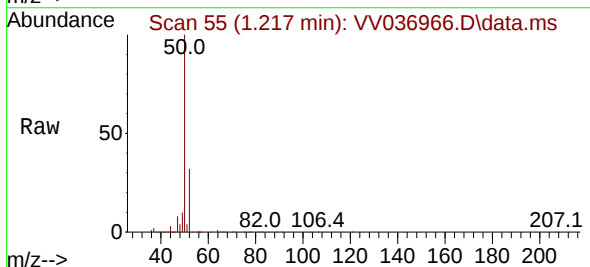
Instrument :
 MSVOA_V
 ClientSampleId :

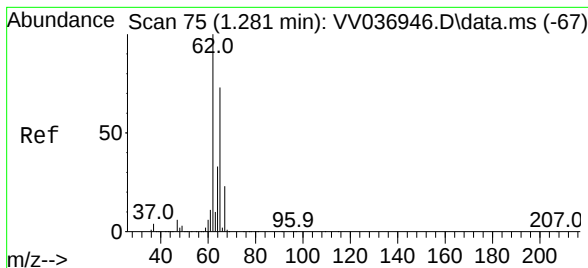
Tgt Ion: 85 Resp: 285331
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.9 38.9



#3
 Chloromethane
 Concen: 51.743 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV036966.D
 Acq: 19 Aug 2024 09:07

Tgt Ion: 50 Resp: 306795
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.0 42.8





#5

Vinyl chloride

Concen: 51.582 ug/L

RT: 1.281 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV036966.D

Acq: 19 Aug 2024 09:07

Instrument :

MSVOA_V

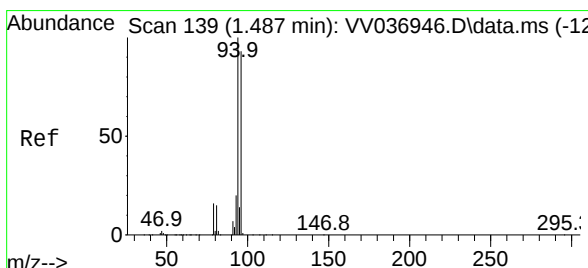
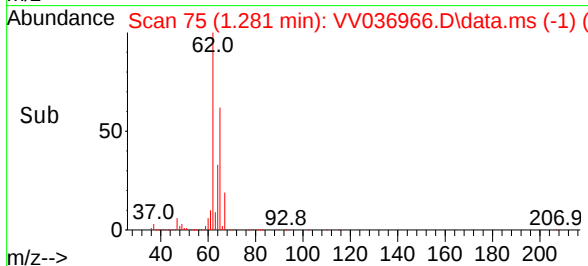
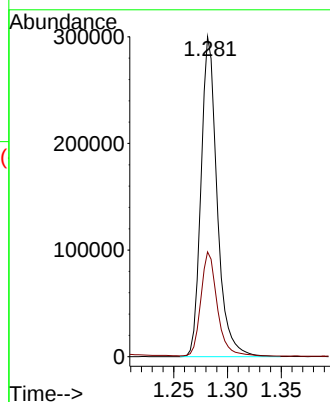
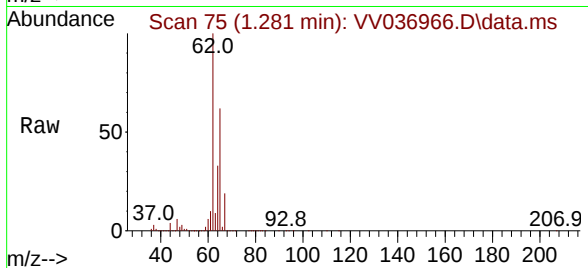
ClientSampleId :

Tgt Ion: 62 Resp: 314084

Ion Ratio Lower Upper

62 100

64 32.8 23.6 43.8



#6

Bromomethane

Concen: 51.214 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.003 min

Lab File: VV036966.D

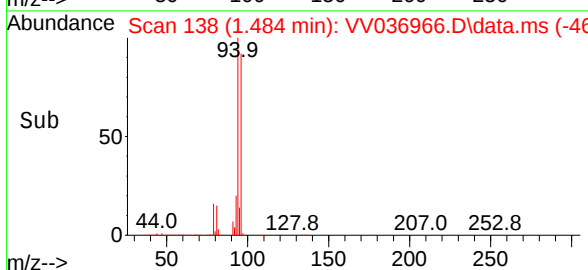
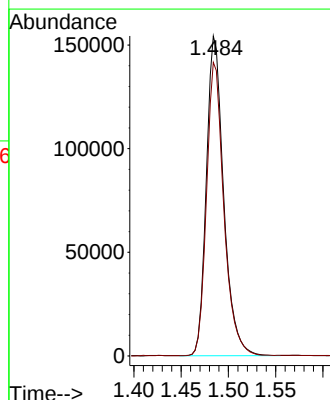
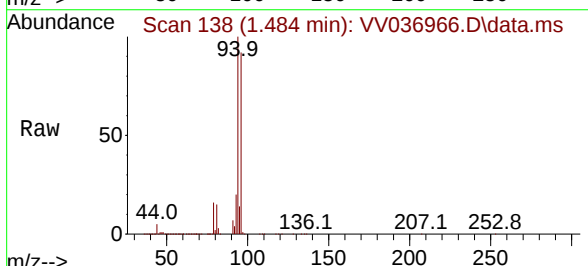
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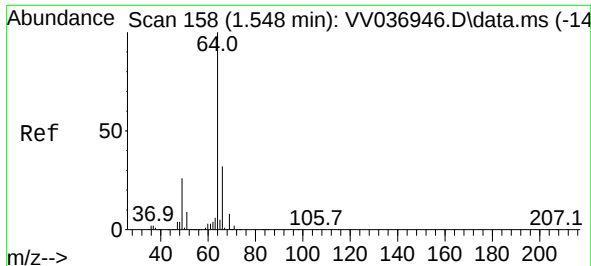
Tgt Ion: 94 Resp: 196337

Ion Ratio Lower Upper

94 100

96 91.7 65.5 121.7

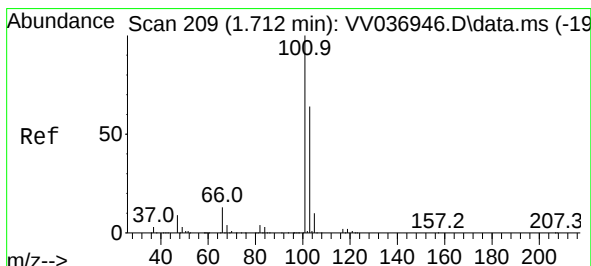
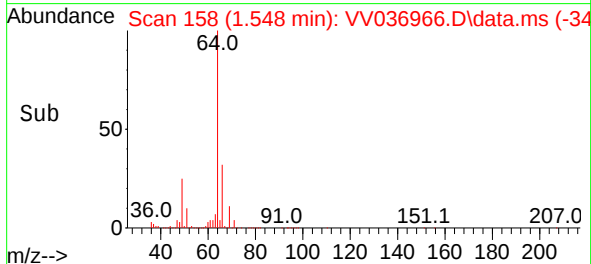
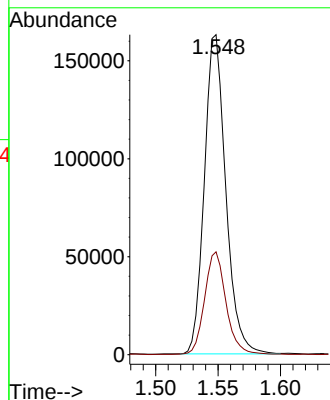
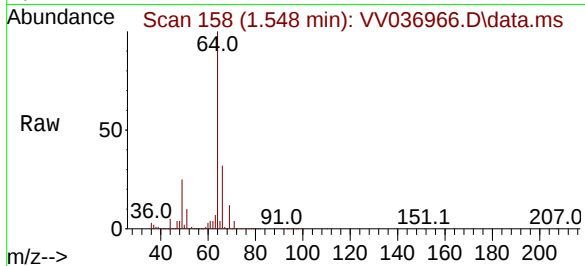




#8
Chloroethane
Concen: 51.716 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV036966.D
Acq: 19 Aug 2024 09:07

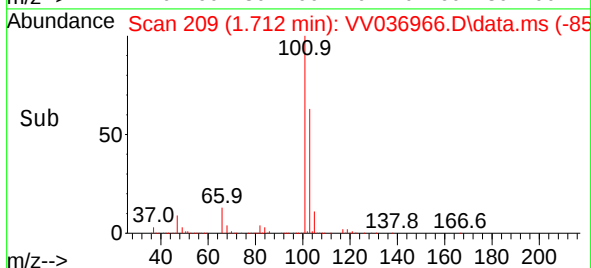
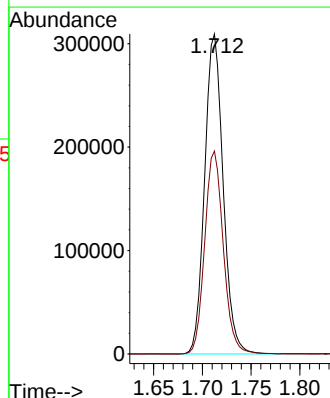
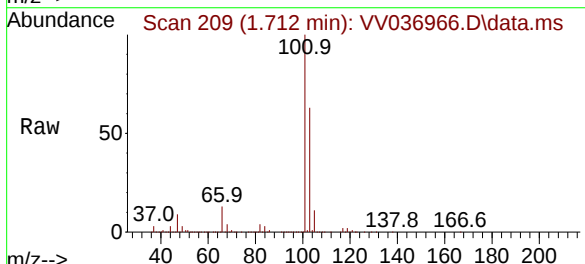
Instrument :
MSVOA_V
ClientSampleId :

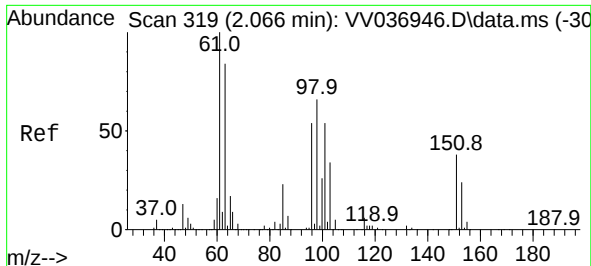
Tgt Ion: 64 Resp: 195055
Ion Ratio Lower Upper
64 100
66 32.2 23.2 43.0



#9
Trichlorofluoromethane
Concen: 51.294 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV036966.D
Acq: 19 Aug 2024 09:07

Tgt Ion:101 Resp: 409102
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.0





#10

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

Concen: 52.840 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV036966.D

Acq: 19 Aug 2024 09:07

Instrument :

MSVOA_V

ClientSampleId :

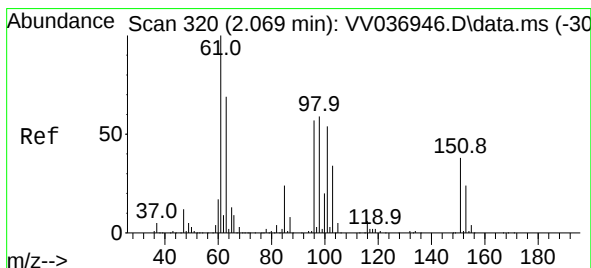
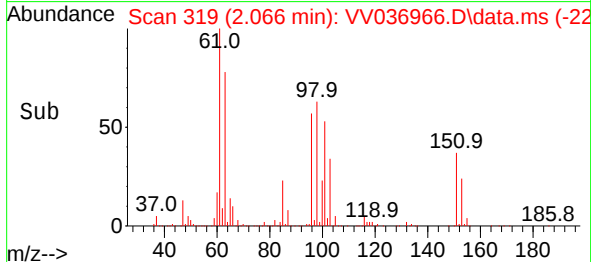
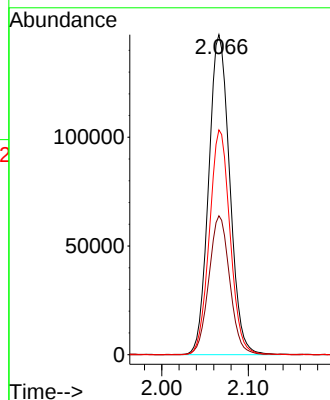
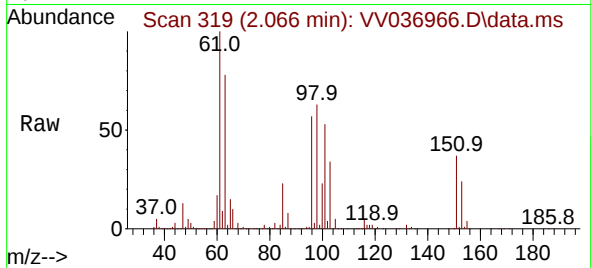
Tgt Ion:101 Resp: 248329

Ion Ratio Lower Upper

101 100

85 43.0 34.6 51.8

151 69.1 55.9 83.9



#12

1,1-Dichloroethene

Concen: 51.326 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV036966.D

Acq: 19 Aug 2024 09:07

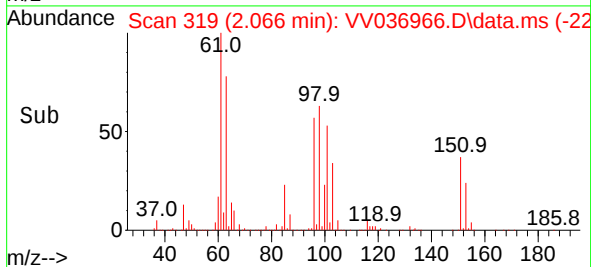
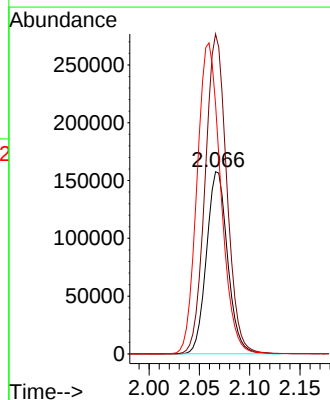
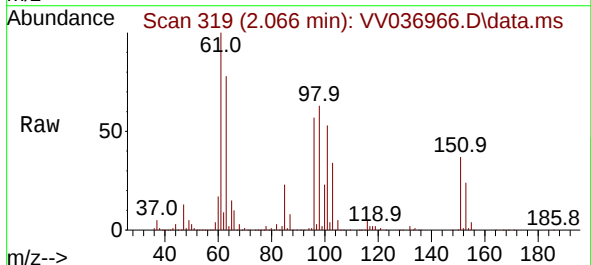
Tgt Ion: 96 Resp: 230377

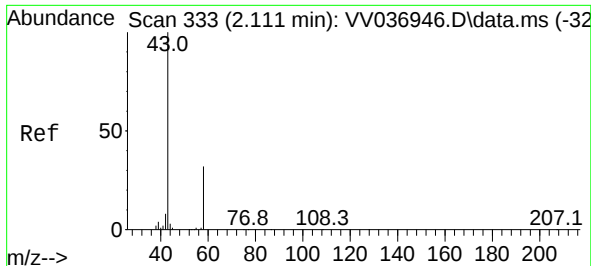
Ion Ratio Lower Upper

96 100

61 175.6 125.6 233.2

63 137.1 95.1 176.7





#13

Acetone

Concen: 101.197 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV036966.D

Acq: 19 Aug 2024 09:07

Instrument :

MSVOA_V

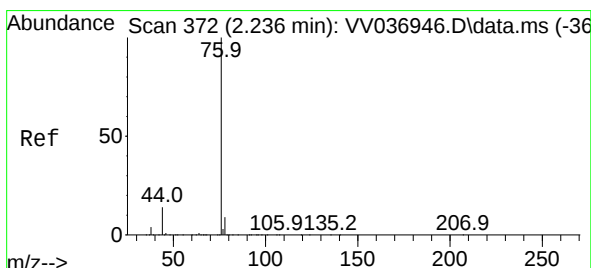
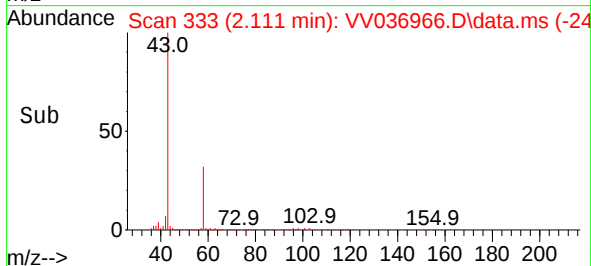
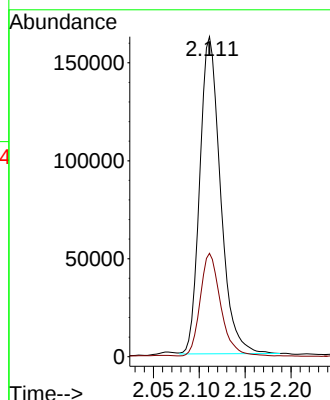
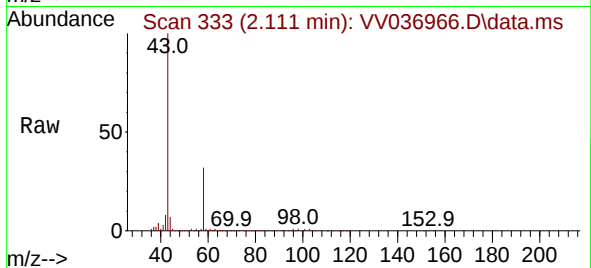
ClientSampleId :

Tgt Ion: 43 Resp: 254595

Ion Ratio Lower Upper

43 100

58 31.8 0.0 63.4



#14

Carbon disulfide

Concen: 44.966 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV036966.D

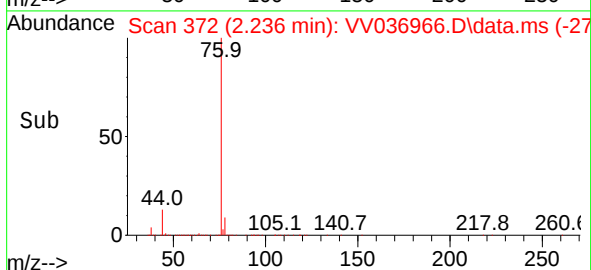
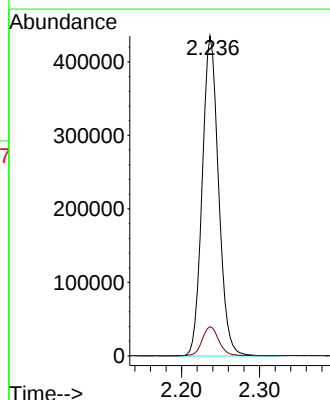
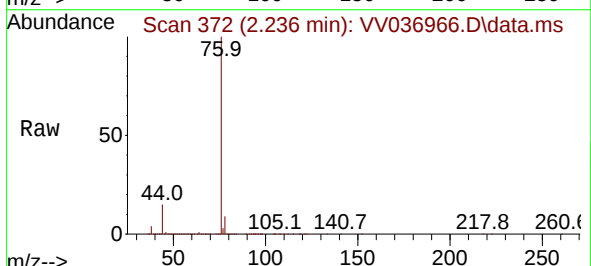
Acq: 19 Aug 2024 09:07

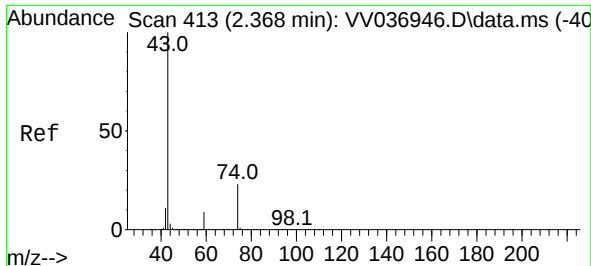
Tgt Ion: 76 Resp: 633990

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7





#15

Methyl Acetate

Concen: 48.482 ug/L

RT: 2.371 min Scan# 413

Delta R.T. 0.003 min

Lab File: VV036966.D

Acq: 19 Aug 2024 09:07

Instrument :

MSVOA_V

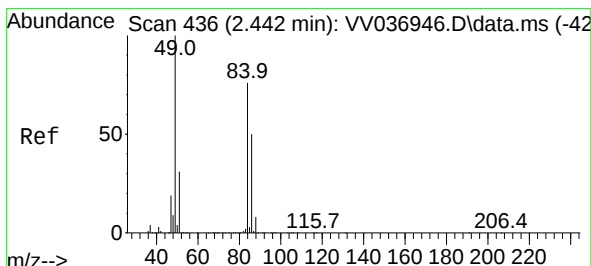
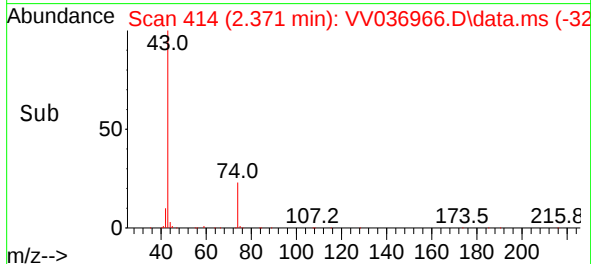
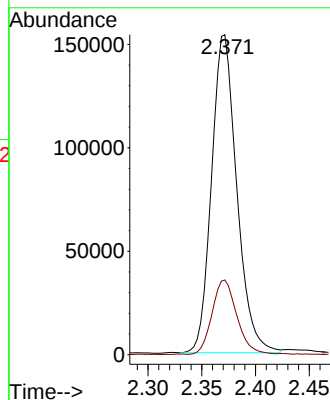
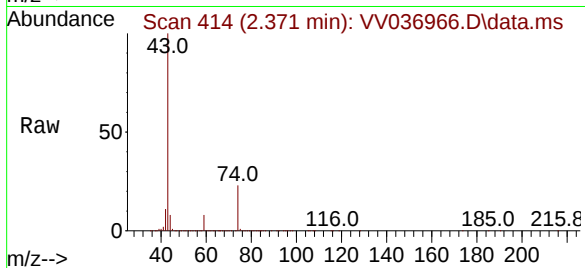
ClientSampleId :

Tgt Ion: 43 Resp: 251270

Ion Ratio Lower Upper

43 100

74 22.9 19.0 28.4



#16

Methylene chloride

Concen: 51.904 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV036966.D

Acq: 19 Aug 2024 09:07

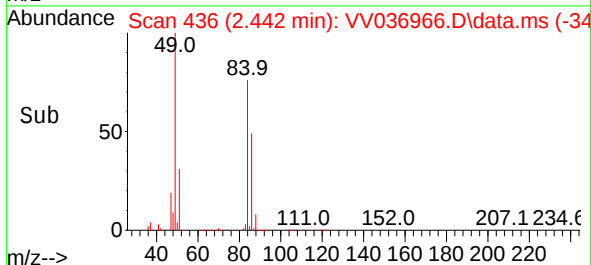
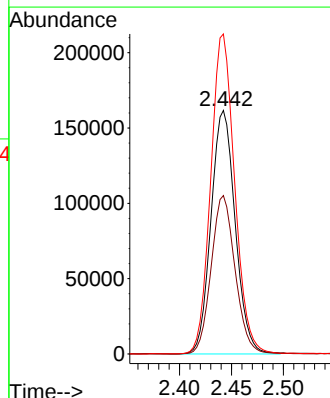
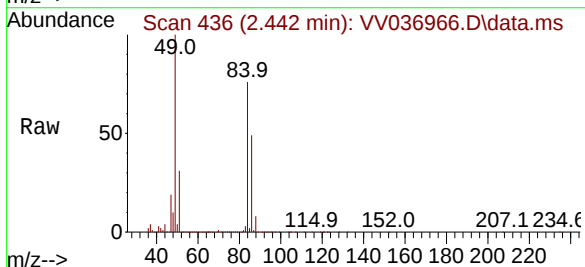
Tgt Ion: 84 Resp: 261908

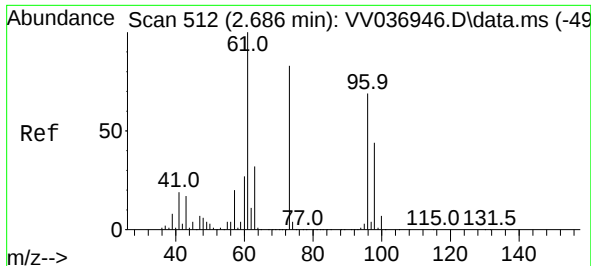
Ion Ratio Lower Upper

84 100

86 65.1 44.3 82.3

49 131.4 91.1 169.1





#17

trans-1,2-Dichloroethene

Concen: 51.142 ug/L

RT: 2.687 min Scan# 512

Delta R.T. 0.000 min

Lab File: VV036966.D

Acq: 19 Aug 2024 09:07

Instrument :

MSVOA_V

ClientSampleId :

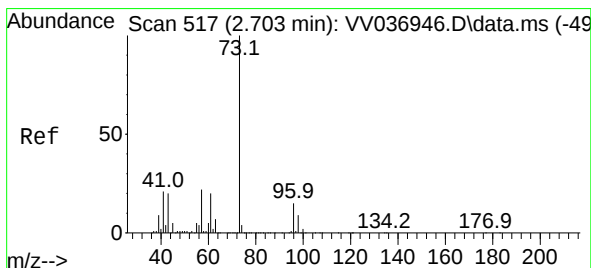
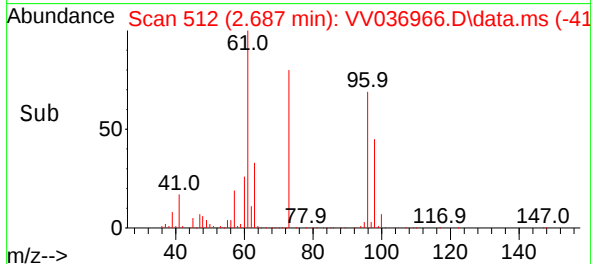
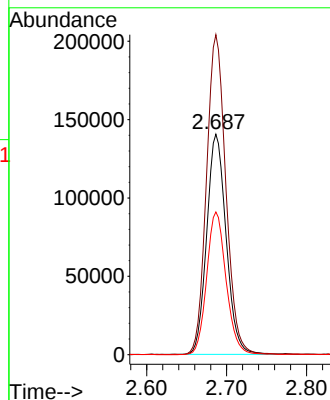
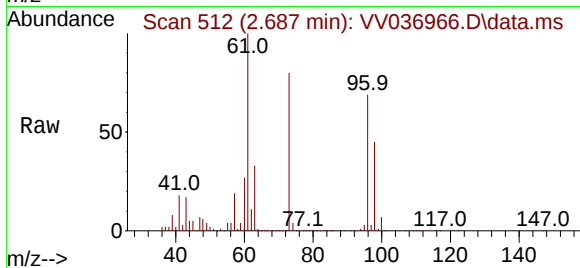
Tgt Ion: 96 Resp: 237775

Ion Ratio Lower Upper

96 100

61 145.2 100.0 185.8

98 64.8 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 50.151 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV036966.D

Acq: 19 Aug 2024 09:07

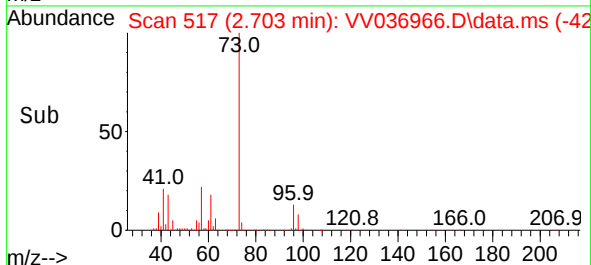
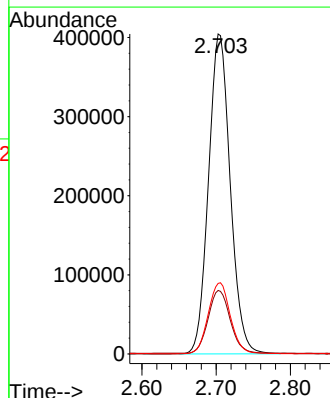
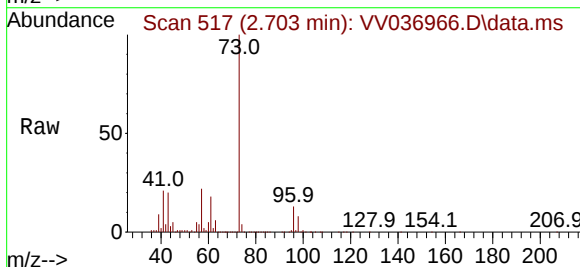
Tgt Ion: 73 Resp: 821209

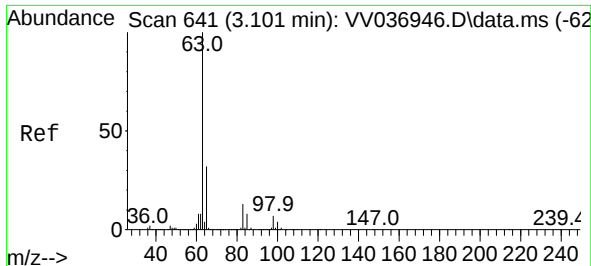
Ion Ratio Lower Upper

73 100

43 19.8 16.1 24.1

57 22.6 17.9 26.9

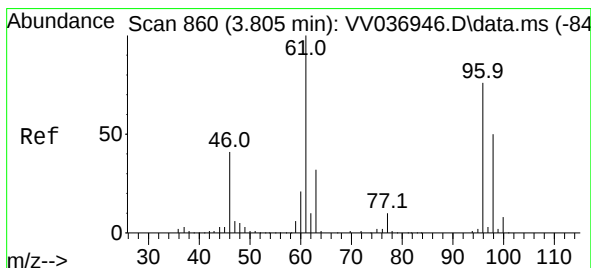
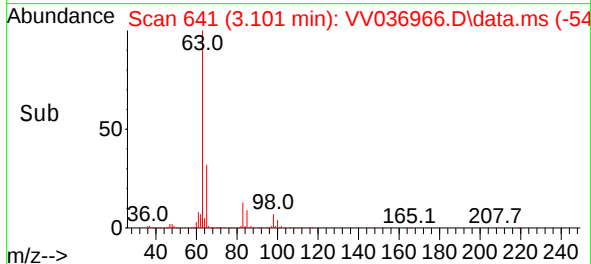
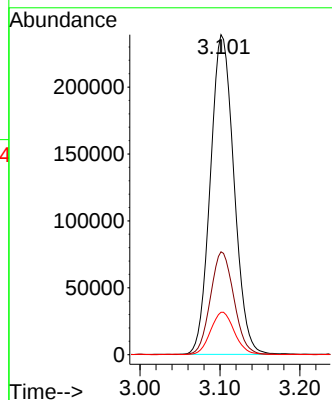
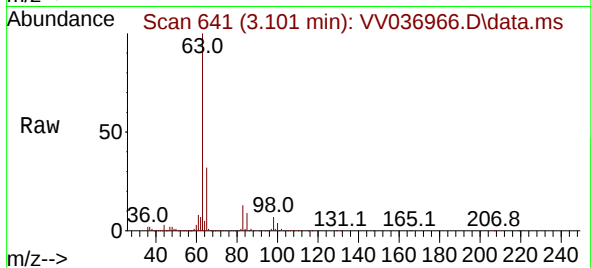




#19
1,1-Dichloroethane
Concen: 52.202 ug/L
RT: 3.101 min Scan# 641
Delta R.T. 0.000 min
Lab File: VV036966.D
Acq: 19 Aug 2024 09:07

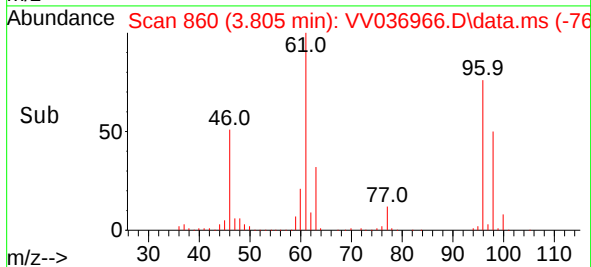
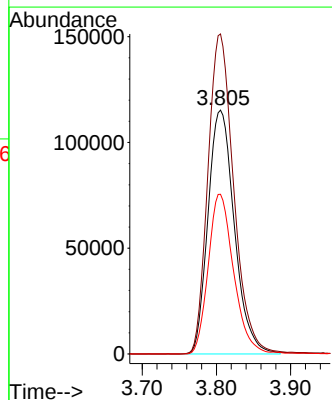
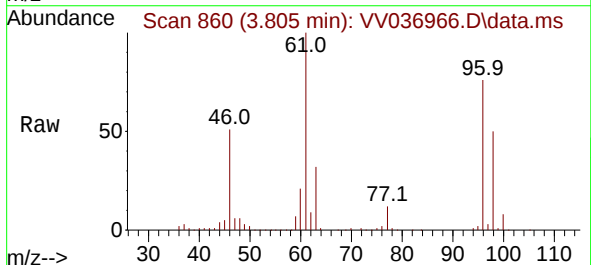
Instrument :
MSVOA_V
ClientSampleId :

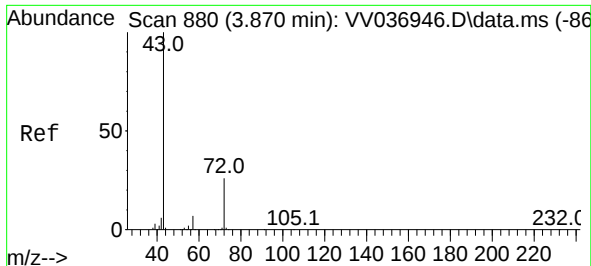
Tgt Ion: 63 Resp: 490344
Ion Ratio Lower Upper
63 100
65 32.2 23.2 43.0
83 13.3 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 52.142 ug/L
RT: 3.805 min Scan# 860
Delta R.T. 0.000 min
Lab File: VV036966.D
Acq: 19 Aug 2024 09:07

Tgt Ion: 96 Resp: 284536
Ion Ratio Lower Upper
96 100
61 131.2 93.9 174.5
98 65.5 46.0 85.4

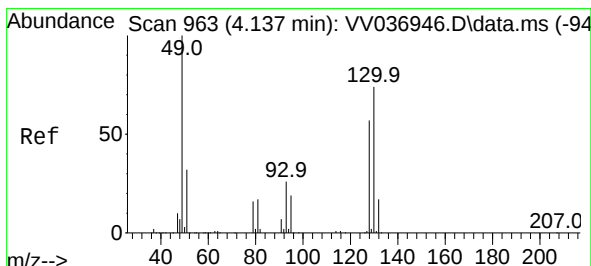
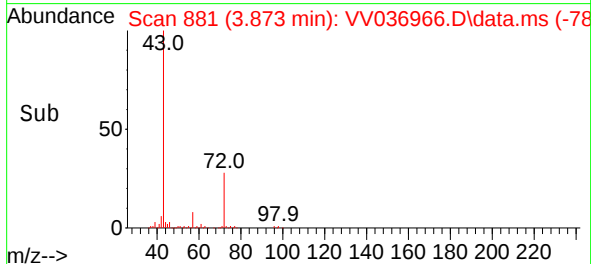
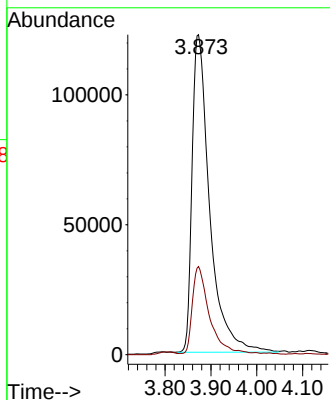
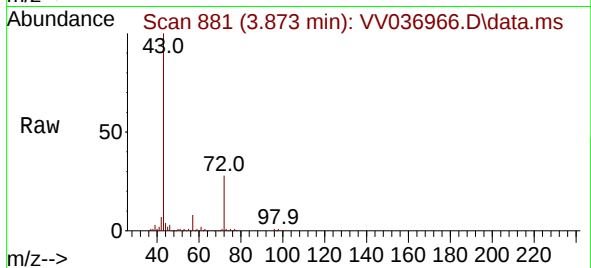




#22
2-Butanone
Concen: 96.720 ug/L
RT: 3.873 min Scan# 880
Delta R.T. 0.003 min
Lab File: VV036966.D
Acq: 19 Aug 2024 09:07

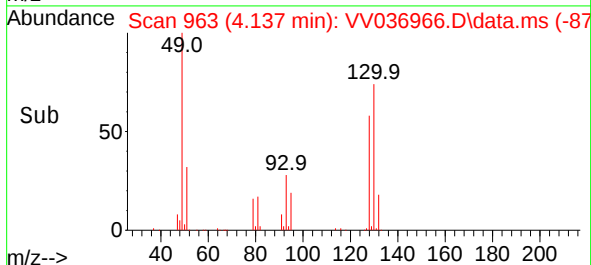
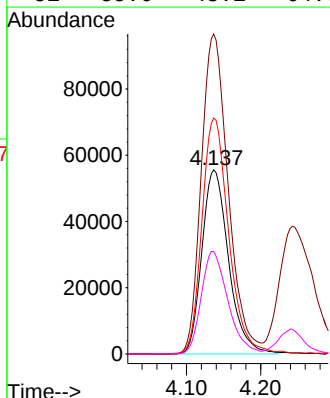
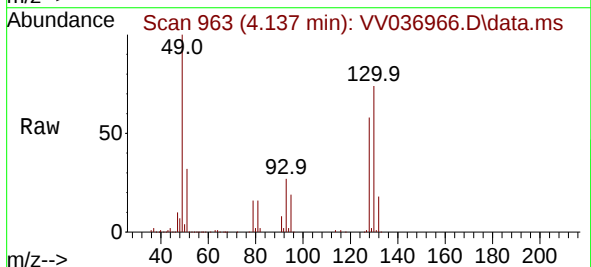
Instrument :
MSVOA_V
ClientSampleId :

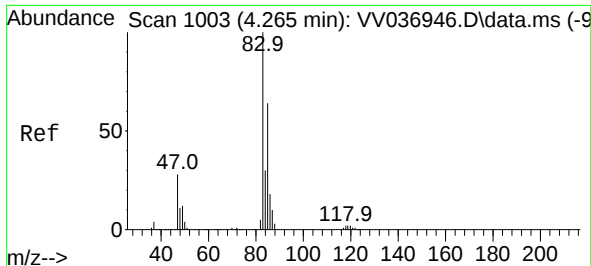
Tgt Ion: 43 Resp: 325979
Ion Ratio Lower Upper
43 100
72 25.3 12.5 37.5



#23
Bromochloromethane
Concen: 52.312 ug/L
RT: 4.137 min Scan# 963
Delta R.T. 0.000 min
Lab File: VV036966.D
Acq: 19 Aug 2024 09:07

Tgt Ion:128 Resp: 138668
Ion Ratio Lower Upper
128 100
49 173.8 120.0 223.0
130 128.1 87.0 161.6
51 55.6 43.1 64.7





#25

Chloroform

Concen: 52.587 ug/L

RT: 4.268 min Scan# 1003

Delta R.T. 0.003 min

Lab File: VV036966.D

Acq: 19 Aug 2024 09:07

Instrument :

MSVOA_V

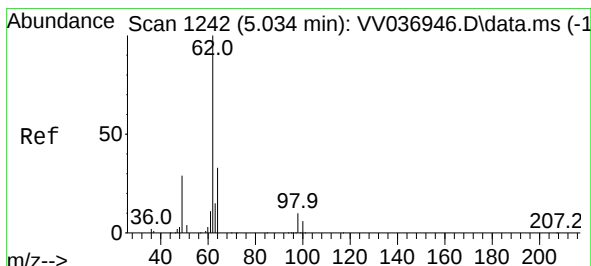
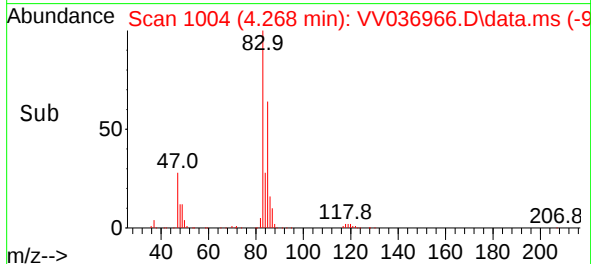
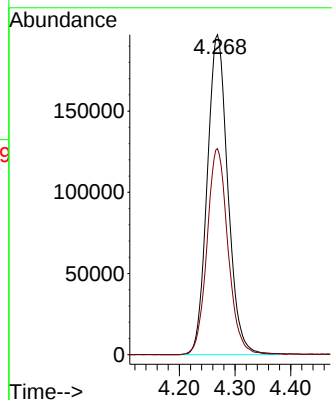
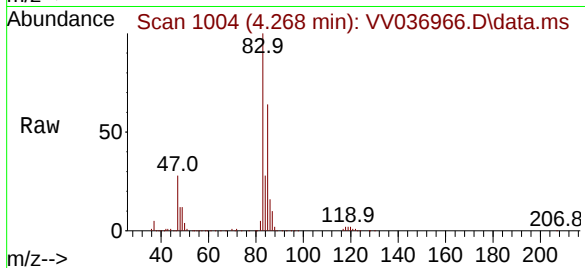
ClientSampleId :

Tgt Ion: 83 Resp: 507342

Ion Ratio Lower Upper

83 100

85 64.4 46.0 85.4



#27

1,2-Dichloroethane

Concen: 49.316 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VV036966.D

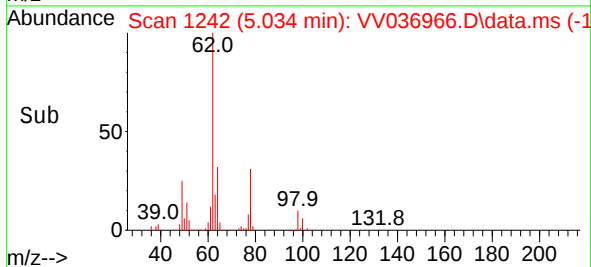
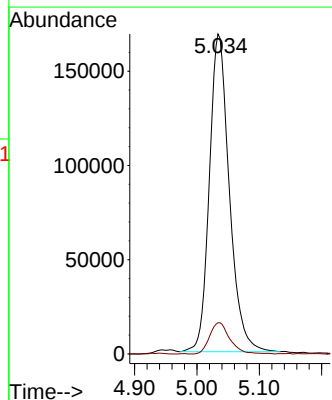
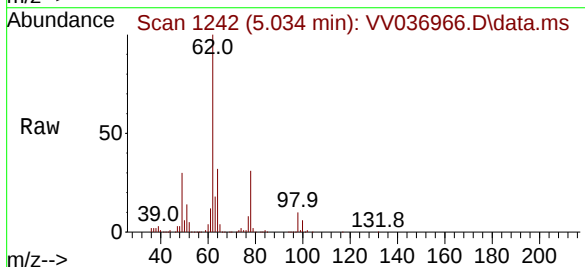
Acq: 19 Aug 2024 09:07

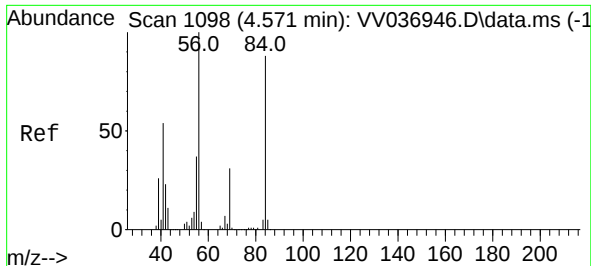
Tgt Ion: 62 Resp: 375298

Ion Ratio Lower Upper

62 100

98 9.8 7.5 11.3





#29

Cyclohexane

Concen: 46.269 ug/L

RT: 4.567 min Scan# 1097

Delta R.T. -0.003 min

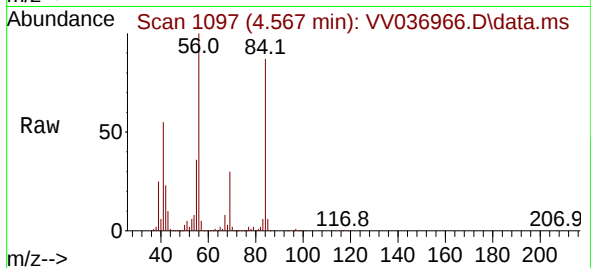
Lab File: VV036966.D

Acq: 19 Aug 2024 09:07

Instrument :

MSVOA_V

ClientSampleId :



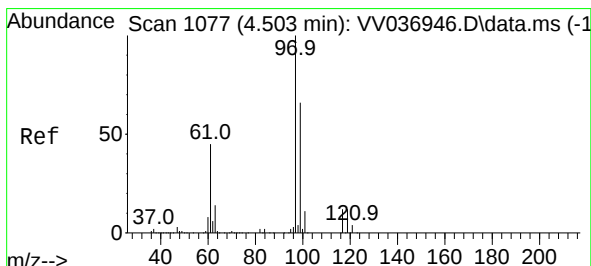
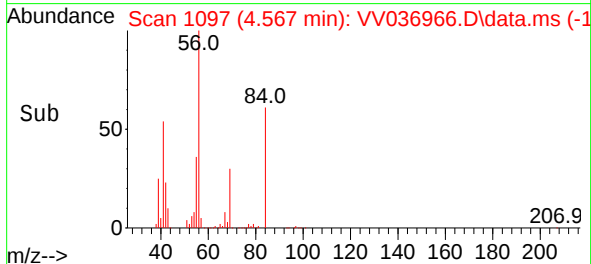
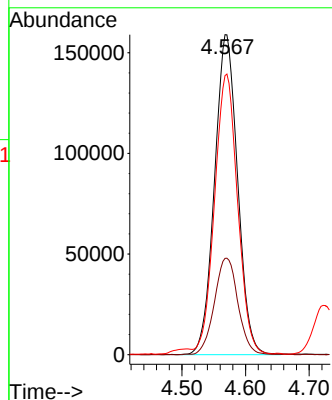
Tgt Ion: 56 Resp: 400867

Ion Ratio Lower Upper

56 100

69 30.8 24.7 37.1

84 87.2 68.5 102.7



#30

1,1,1-Trichloroethane

Concen: 49.869 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VV036966.D

Acq: 19 Aug 2024 09:07

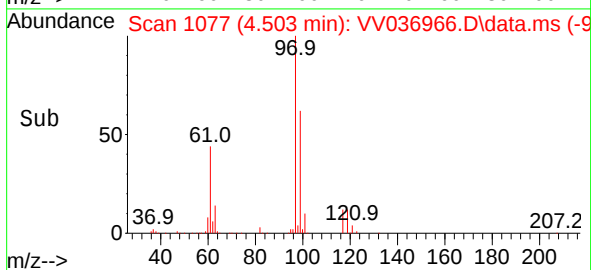
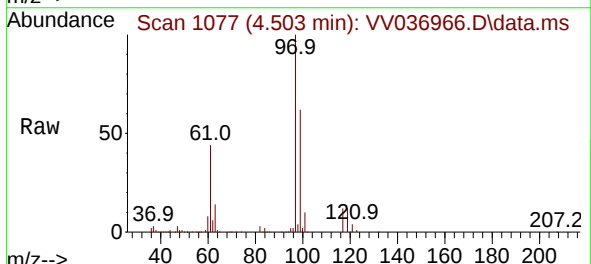
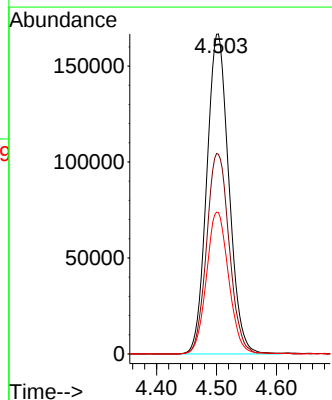
Tgt Ion: 97 Resp: 427225

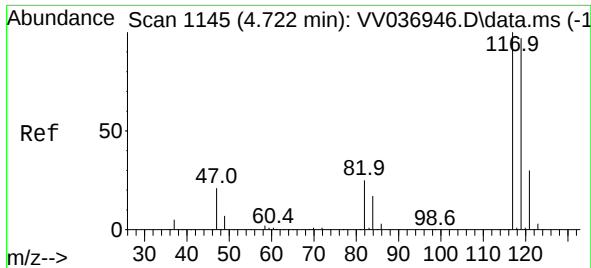
Ion Ratio Lower Upper

97 100

99 64.0 51.5 77.3

61 44.6 36.0 54.0

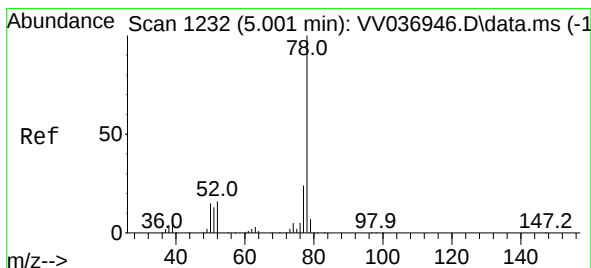
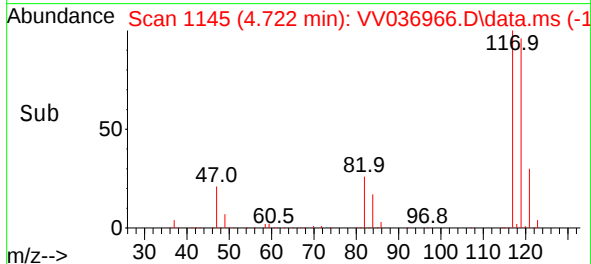
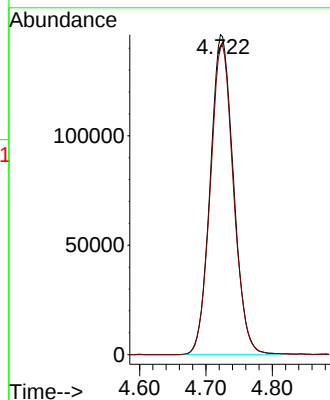
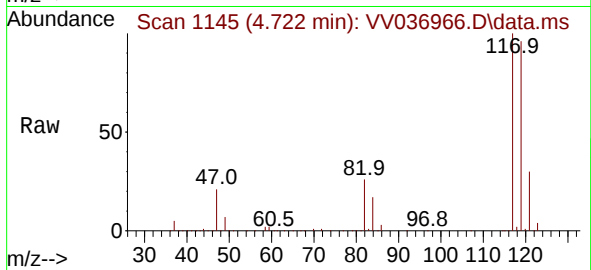




#31
Carbon tetrachloride
Concen: 49.277 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VV036966.D
Acq: 19 Aug 2024 09:07

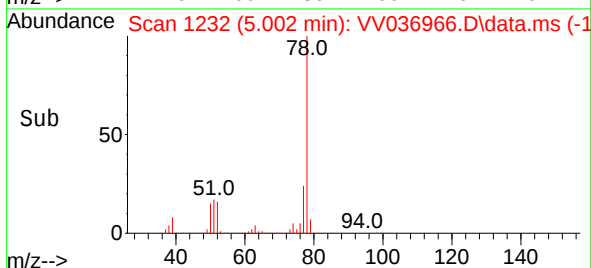
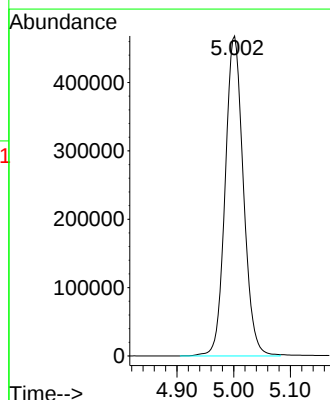
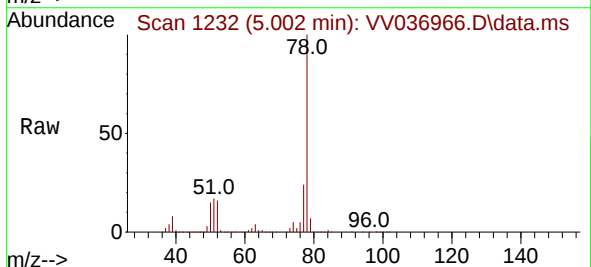
Instrument :
MSVOA_V
ClientSampleId :

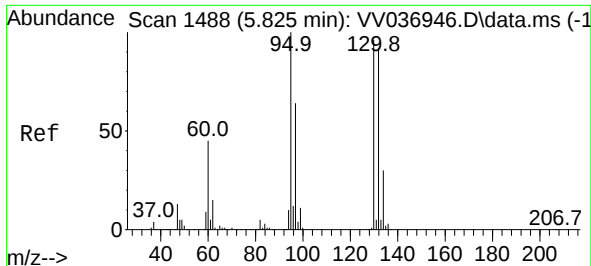
Tgt Ion:117 Resp: 354535
Ion Ratio Lower Upper
117 100
119 97.0 76.1 114.1



#33
Benzene
Concen: 51.338 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VV036966.D
Acq: 19 Aug 2024 09:07

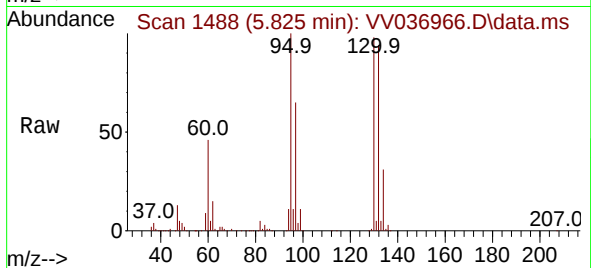
Tgt Ion: 78 Resp: 1044130



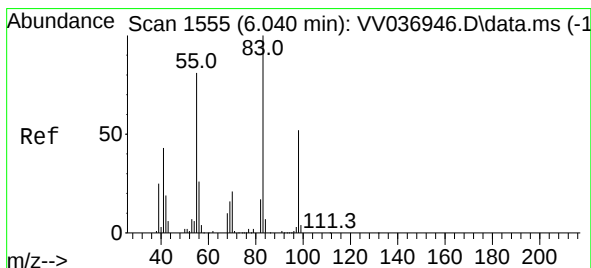
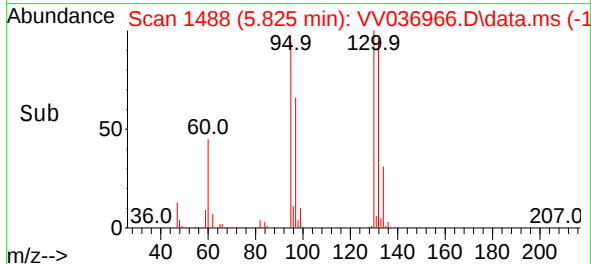
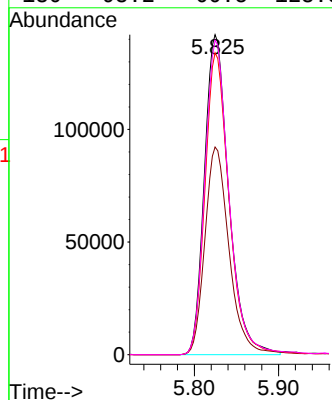


#34
Trichloroethene
Concen: 48.378 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VV036966.D
Acq: 19 Aug 2024 09:07

Instrument :
MSVOA_V
ClientSampleId :

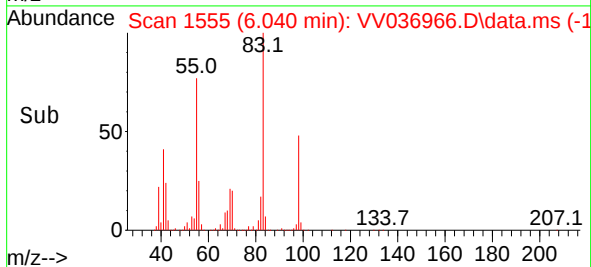
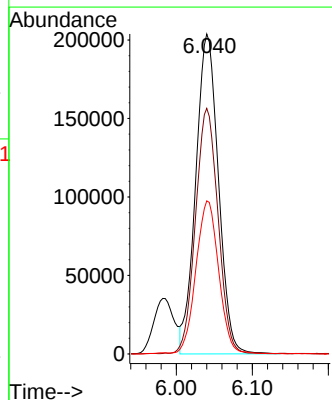
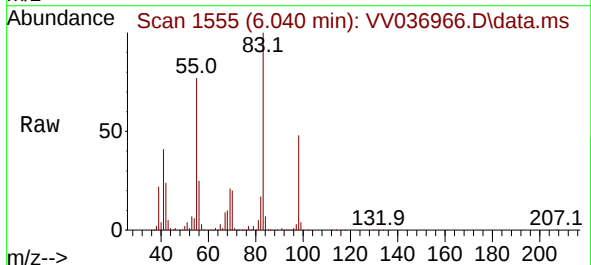


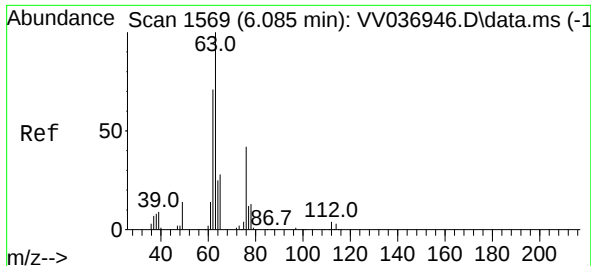
Tgt Ion: 95 Resp: 285160
Ion Ratio Lower Upper
95 100
97 64.9 44.7 82.9
132 94.4 62.9 116.9
130 98.2 66.5 123.5



#35
Methylcyclohexane
Concen: 46.682 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VV036966.D
Acq: 19 Aug 2024 09:07

Tgt Ion: 83 Resp: 422232
Ion Ratio Lower Upper
83 100
55 76.3 62.3 93.5
98 48.0 38.7 58.1

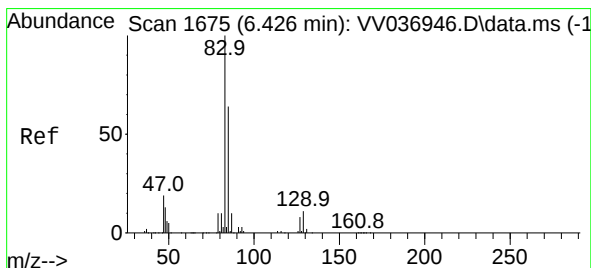
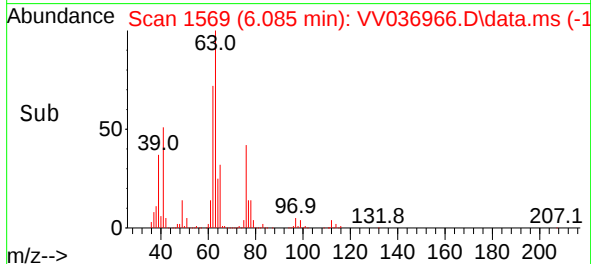
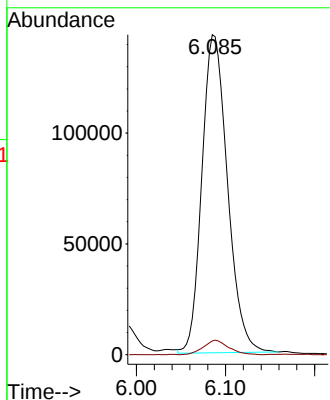
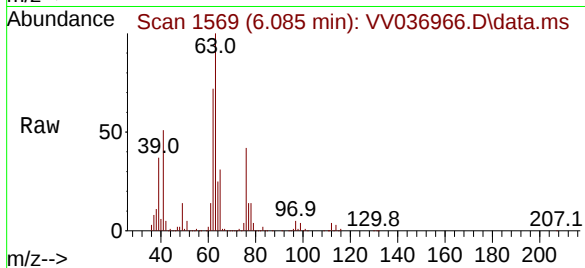




#37
1,2-Dichloropropane
Concen: 53.225 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VV036966.D
Acq: 19 Aug 2024 09:07

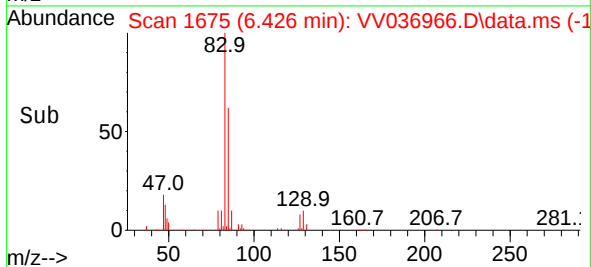
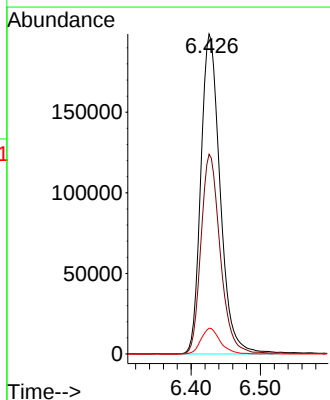
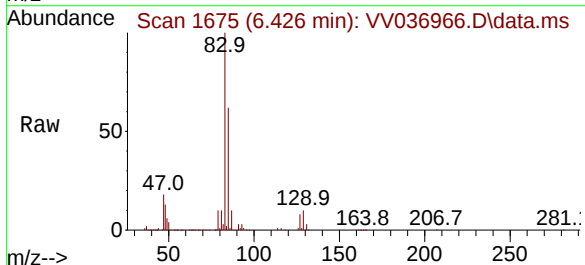
Instrument :
MSVOA_V
ClientSampleId :

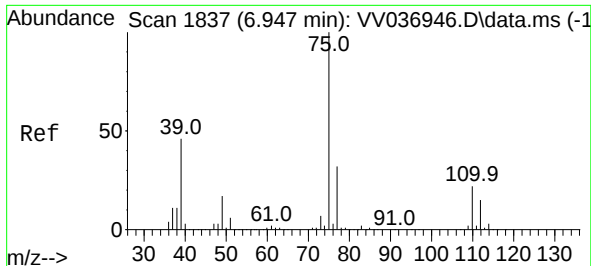
Tgt Ion: 63 Resp: 286766
Ion Ratio Lower Upper
63 100
112 4.5 3.6 5.4



#38
Bromodichloromethane
Concen: 51.714 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV036966.D
Acq: 19 Aug 2024 09:07

Tgt Ion: 83 Resp: 383684
Ion Ratio Lower Upper
83 100
85 62.4 44.7 83.1
127 8.1 6.2 9.4

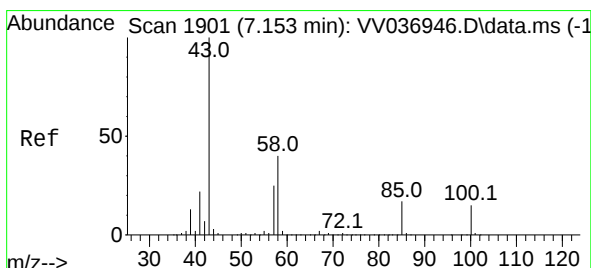
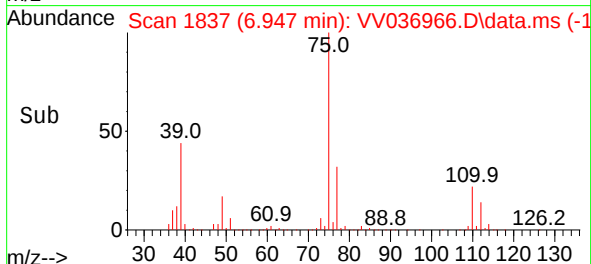
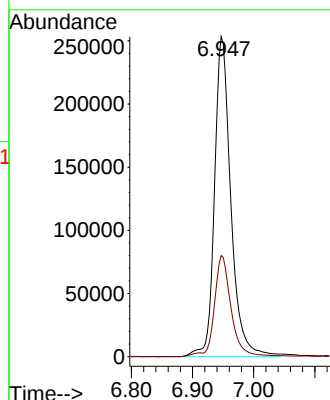
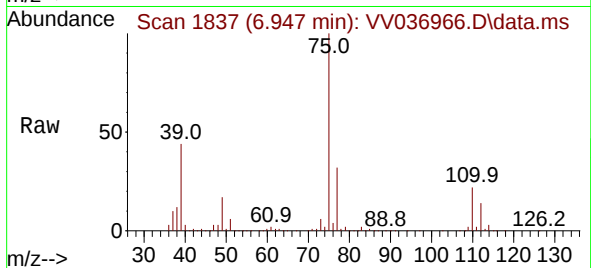




#39
 cis-1,3-Dichloropropene
 Concen: 51.050 ug/L
 RT: 6.947 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VV036966.D
 Acq: 19 Aug 2024 09:07

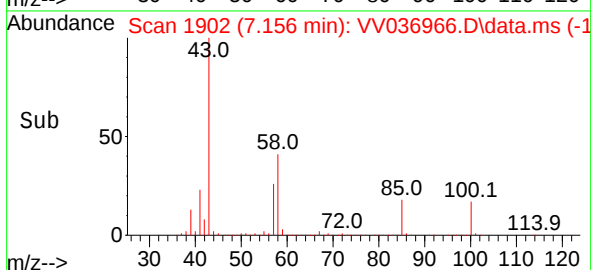
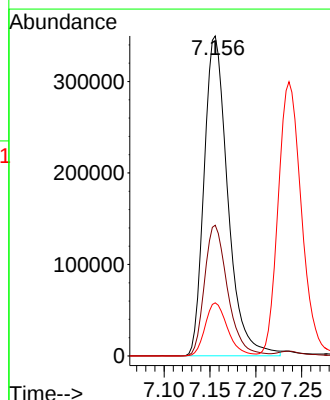
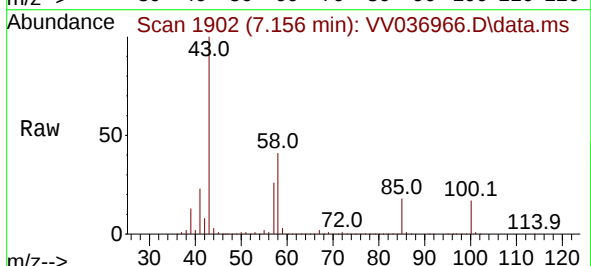
Instrument :
 MSVOA_V
 ClientSampleId :

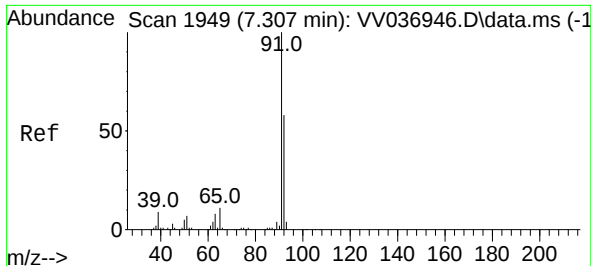
Tgt Ion: 75 Resp: 471059
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 94.269 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. 0.003 min
 Lab File: VV036966.D
 Acq: 19 Aug 2024 09:07

Tgt Ion: 43 Resp: 629167
 Ion Ratio Lower Upper
 43 100
 58 40.0 31.3 46.9
 100 15.8 12.6 18.8





#42

Toluene

Concen: 50.576 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV036966.D

Acq: 19 Aug 2024 09:07

Instrument :

MSVOA_V

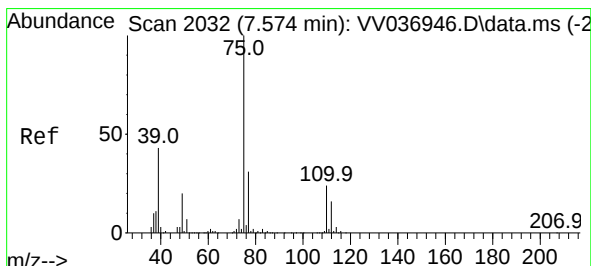
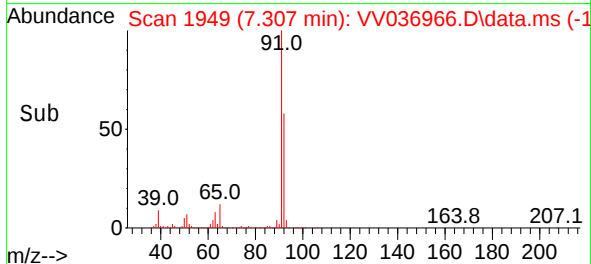
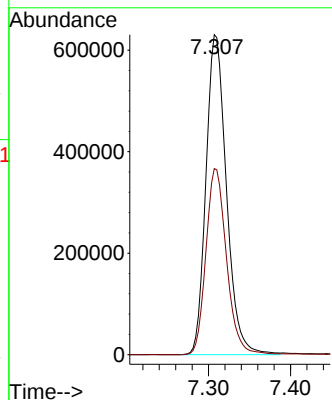
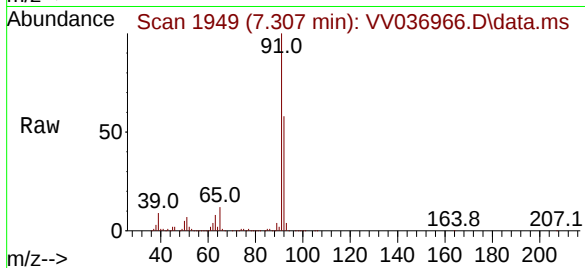
ClientSampleId :

Tgt Ion: 91 Resp: 1095622

Ion Ratio Lower Upper

91 100

92 58.2 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 49.370 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.003 min

Lab File: VV036966.D

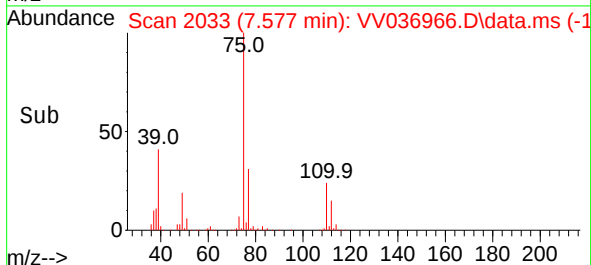
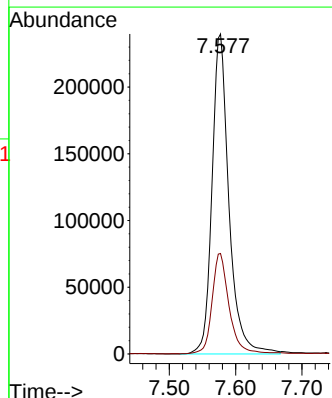
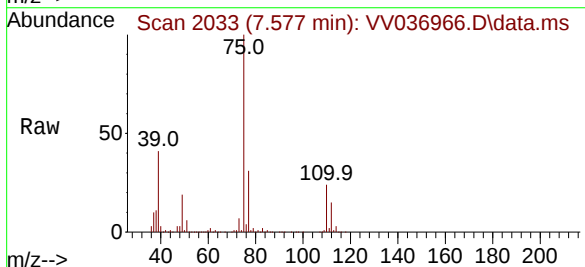
Acq: 19 Aug 2024 09:07

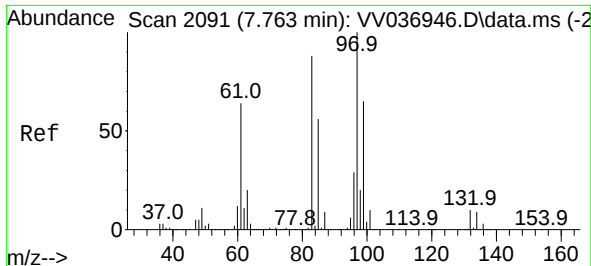
Tgt Ion: 75 Resp: 424505

Ion Ratio Lower Upper

75 100

77 31.4 22.4 41.6



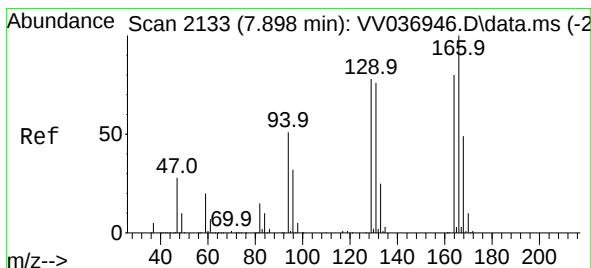
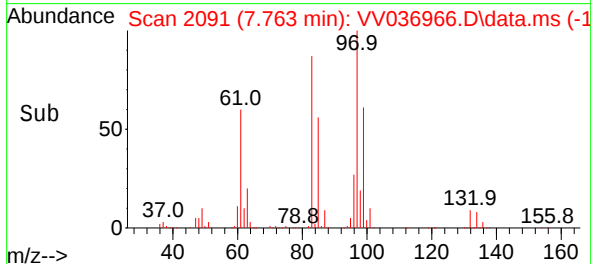
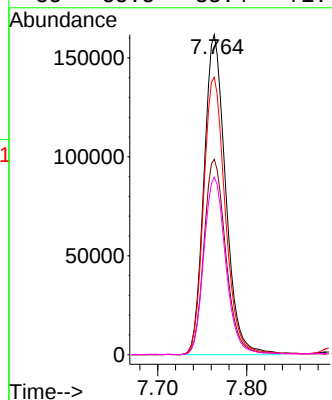
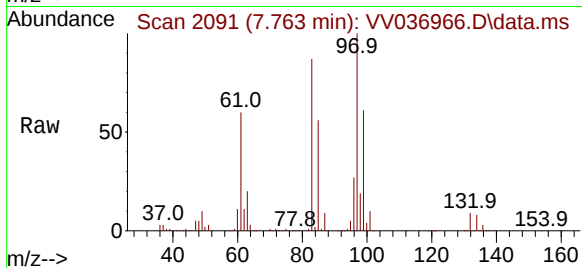


#45
1,1,2-Trichloroethane
Concen: 52.266 ug/L
RT: 7.763 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV036966.D
Acq: 19 Aug 2024 09:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 272704

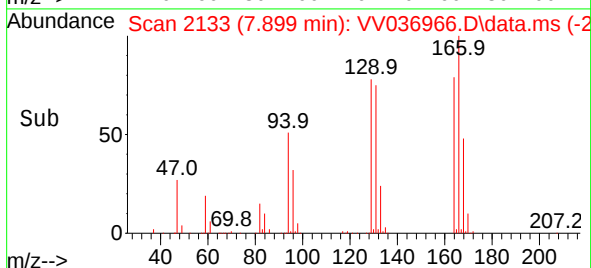
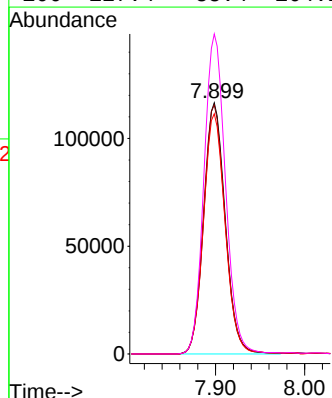
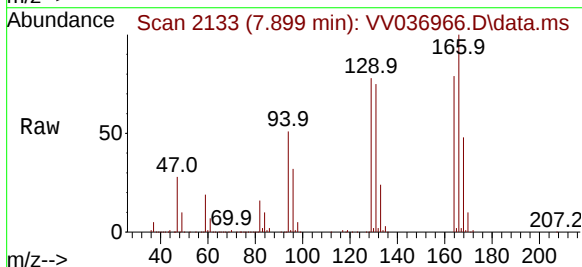
Ion	Ratio	Lower	Upper
97	100		
99	61.1	44.0	81.6
83	86.7	60.1	111.5
85	55.5	38.4	71.4

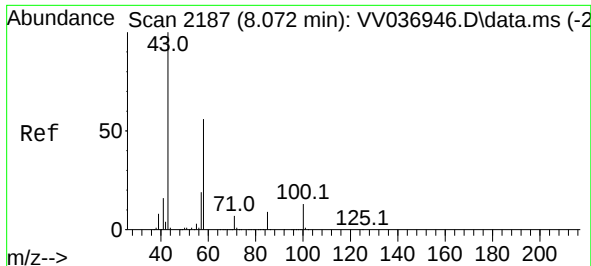


#46
Tetrachloroethene
Concen: 50.542 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV036966.D
Acq: 19 Aug 2024 09:07

Tgt Ion: 164 Resp: 195410

Ion	Ratio	Lower	Upper
164	100		
129	99.2	70.4	130.8
131	95.6	67.7	125.7
166	127.4	88.4	164.2





#48

2-Hexanone

Concen: 93.995 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. 0.000 min

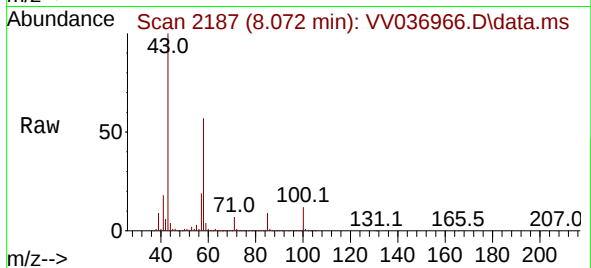
Lab File: VV036966.D

Acq: 19 Aug 2024 09:07

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 461516

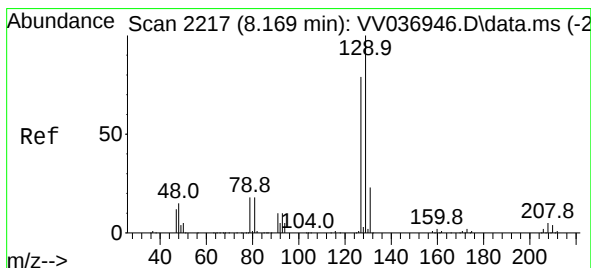
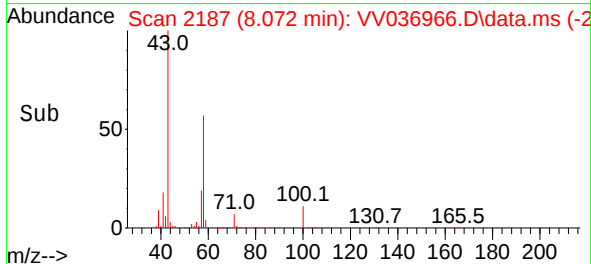
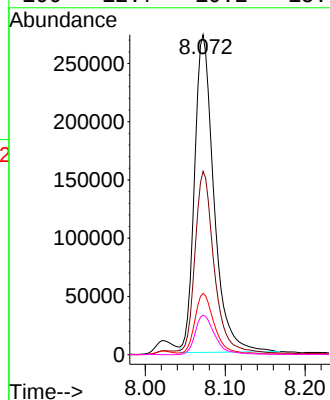
Ion Ratio Lower Upper

43 100

58 57.1 44.7 67.1

57 18.2 15.0 22.4

100 12.7 10.2 15.4



#49

Dibromochloromethane

Concen: 52.391 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.003 min

Lab File: VV036966.D

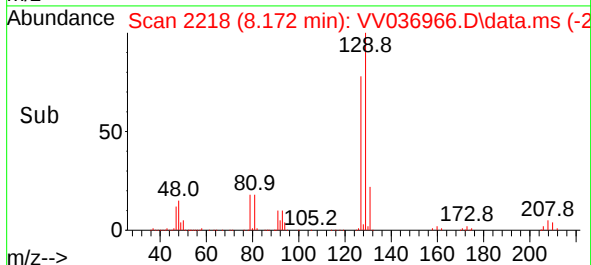
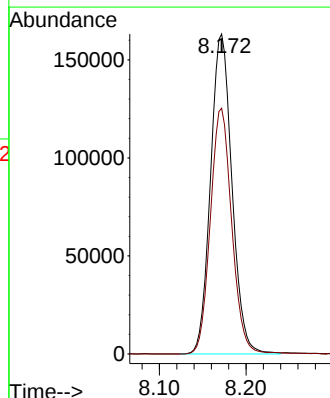
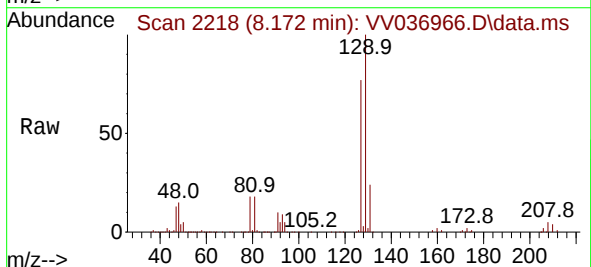
Acq: 19 Aug 2024 09:07

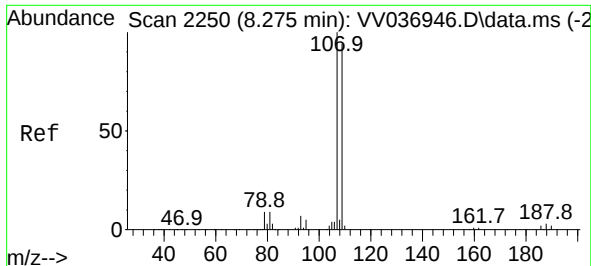
Tgt Ion: 129 Resp: 280914

Ion Ratio Lower Upper

129 100

127 76.8 55.4 102.8

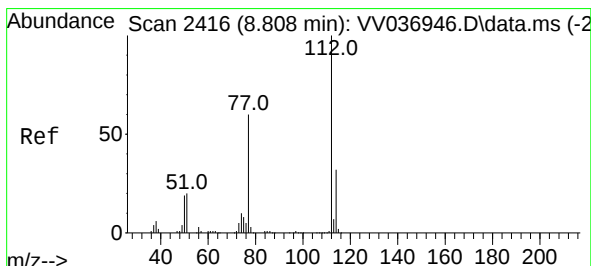
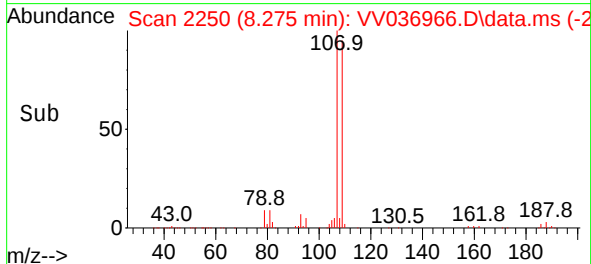
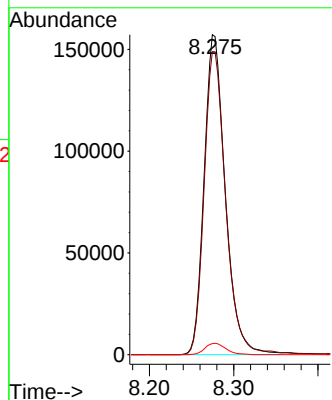
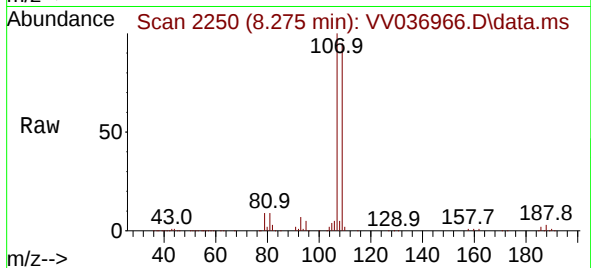




#50
1,2-Dibromoethane
Concen: 50.893 ug/L
RT: 8.275 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036966.D
Acq: 19 Aug 2024 09:07

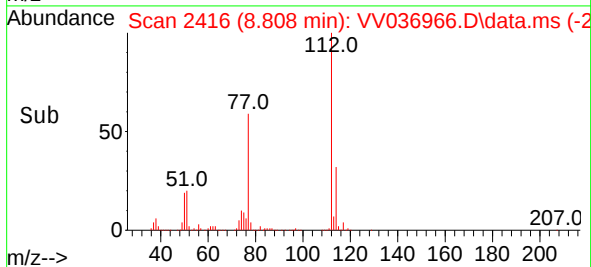
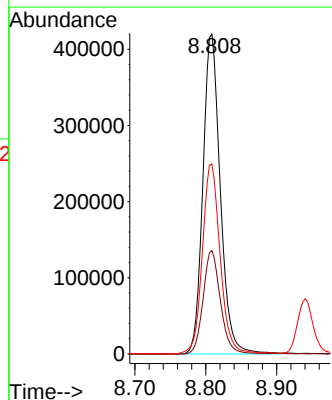
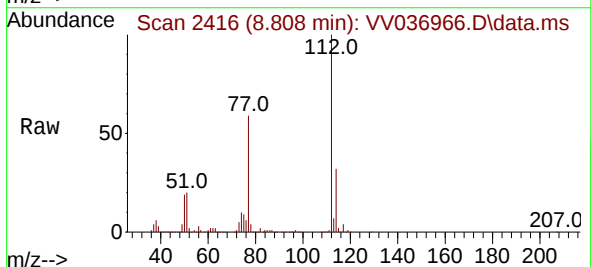
Instrument :
MSVOA_V
ClientSampleId :

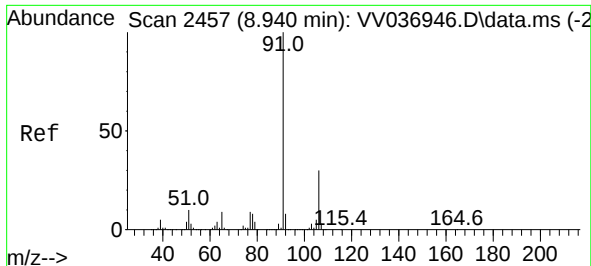
Tgt Ion:107 Resp: 275510
Ion Ratio Lower Upper
107 100
109 94.7 64.7 120.1
188 3.4 2.6 3.8



#51
Chlorobenzene
Concen: 51.510 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV036966.D
Acq: 19 Aug 2024 09:07

Tgt Ion:112 Resp: 715978
Ion Ratio Lower Upper
112 100
114 32.3 22.3 41.5
77 59.4 48.9 73.3





#52

Ethylbenzene

Concen: 50.467 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV036966.D

Acq: 19 Aug 2024 09:07

Instrument :

MSVOA_V

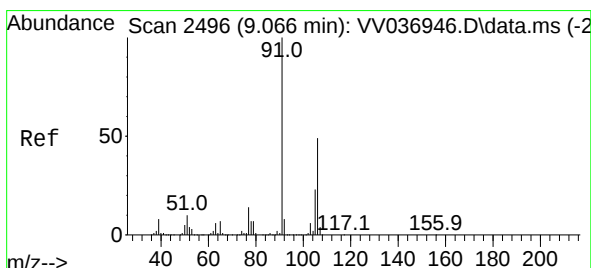
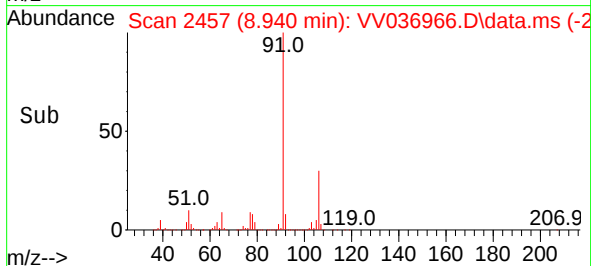
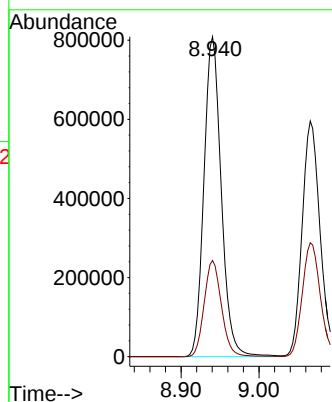
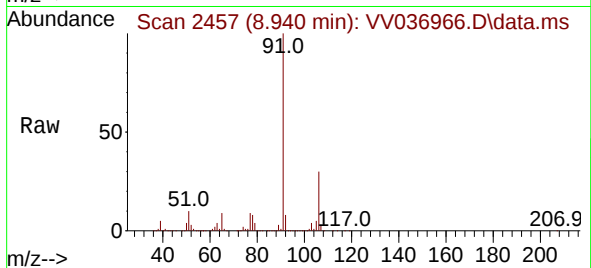
ClientSampleId :

Tgt Ion: 91 Resp: 1248297

Ion Ratio Lower Upper

91 100

106 30.1 21.1 39.1



#53

m,p-Xylene

Concen: 50.505 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.000 min

Lab File: VV036966.D

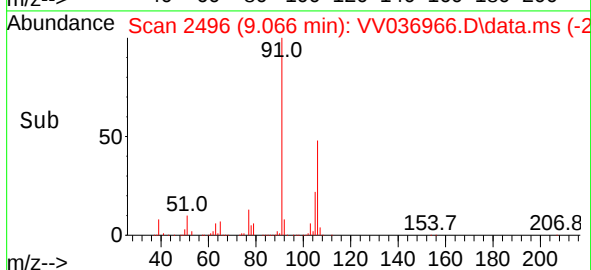
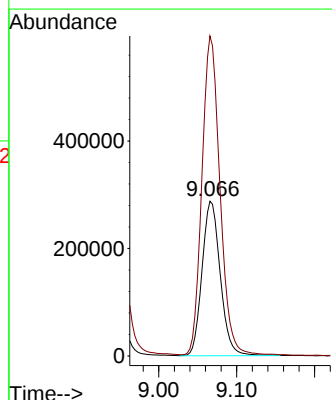
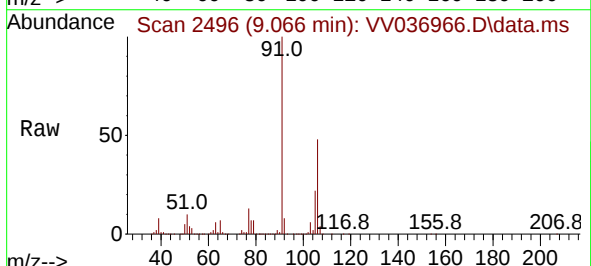
Acq: 19 Aug 2024 09:07

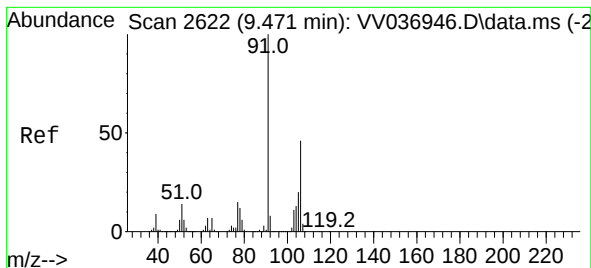
Tgt Ion:106 Resp: 466960

Ion Ratio Lower Upper

106 100

91 206.7 147.1 273.3





#54

o-Xylene

Concen: 50.447 ug/L

RT: 9.471 min Scan# 2622

Delta R.T. 0.000 min

Lab File: VV036966.D

Acq: 19 Aug 2024 09:07

Instrument :

MSVOA_V

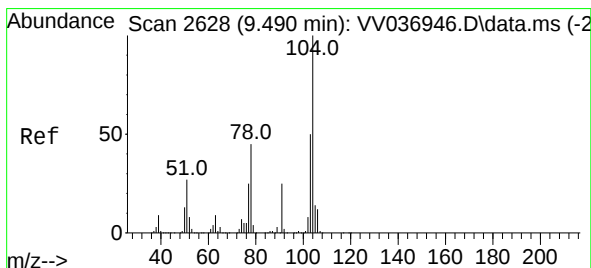
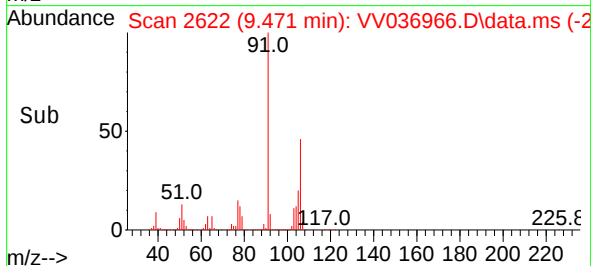
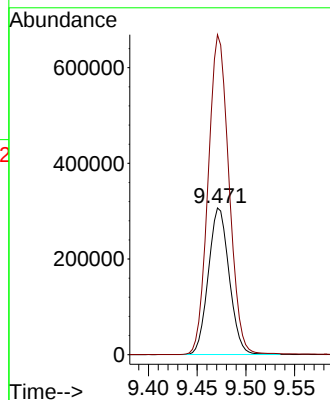
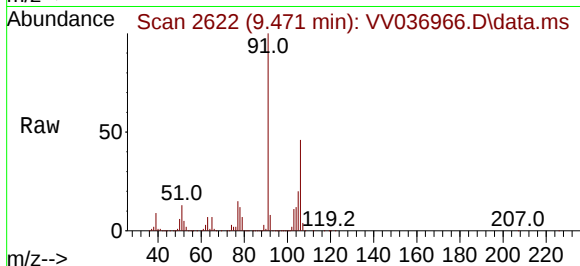
ClientSampleId :

Tgt Ion:106 Resp: 456195

Ion Ratio Lower Upper

106 100

91 218.0 154.5 286.9



#55

Styrene

Concen: 51.784 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. 0.000 min

Lab File: VV036966.D

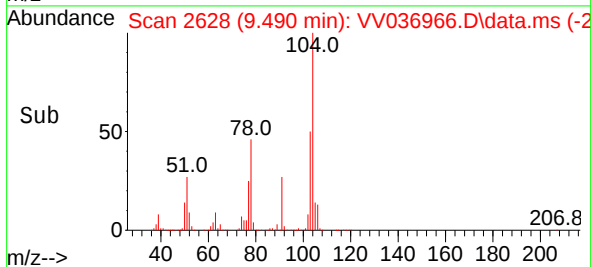
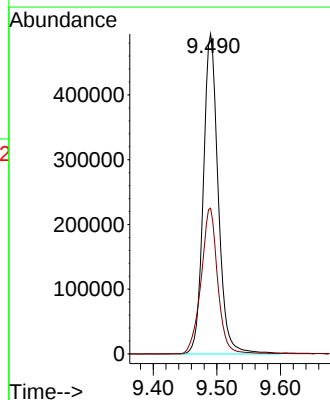
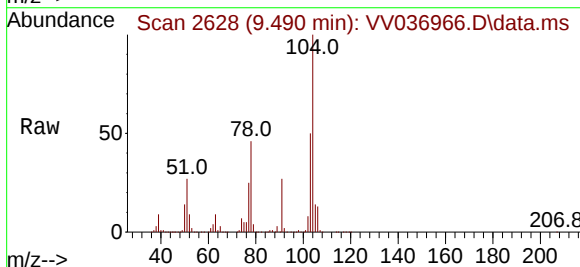
Acq: 19 Aug 2024 09:07

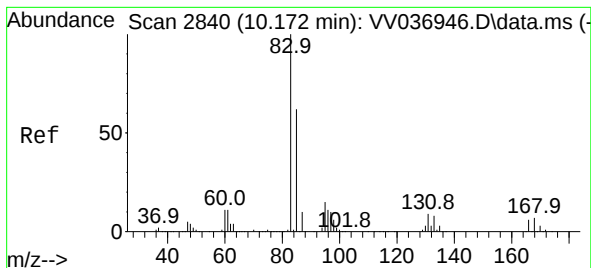
Tgt Ion:104 Resp: 802508

Ion Ratio Lower Upper

104 100

78 45.6 32.1 59.7





#57

1,1,2,2-Tetrachloroethane

Concen: 53.939 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.000 min

Lab File: VV036966.D

Acq: 19 Aug 2024 09:07

Instrument :

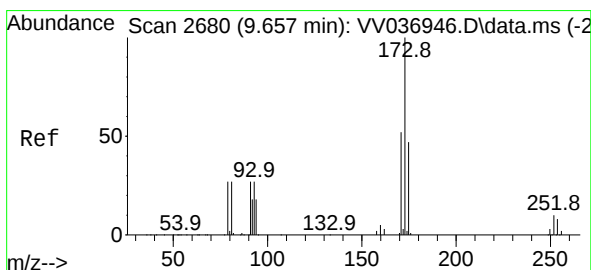
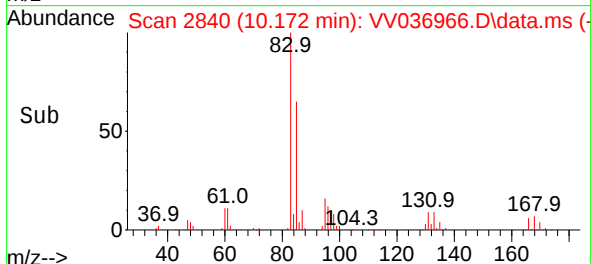
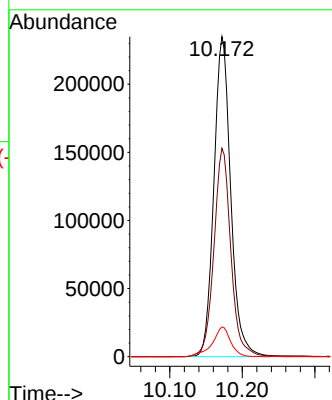
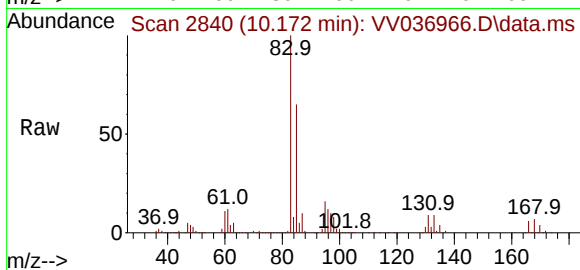
MSVOA_V

ClientSampleId :

Tgt Ion: 83 Resp: 379746

Ion Ratio Lower Upper

83	100		
85	65.1	44.7	83.1
131	9.3	7.2	10.8



#59

Bromoform

Concen: 48.342 ug/L

RT: 9.657 min Scan# 2680

Delta R.T. 0.000 min

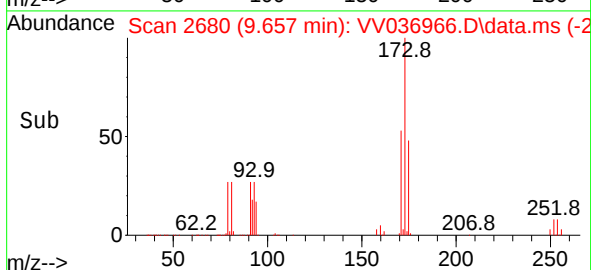
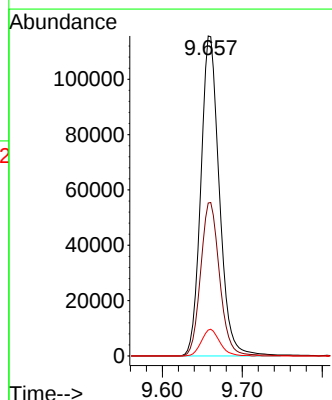
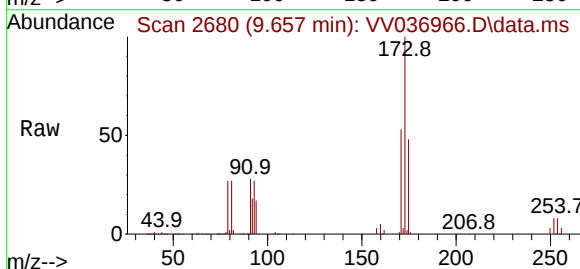
Lab File: VV036966.D

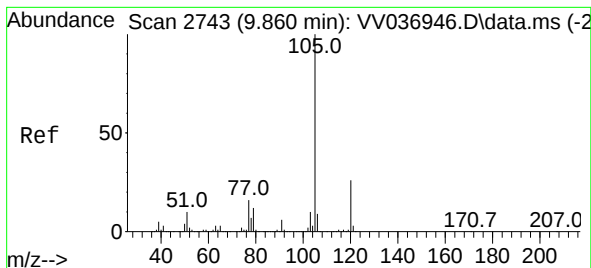
Acq: 19 Aug 2024 09:07

Tgt Ion: 173 Resp: 186492

Ion Ratio Lower Upper

173	100		
175	48.9	39.8	59.8
254	8.2	6.8	10.2





#60

Isopropylbenzene

Concen: 48.735 ug/L

RT: 9.860 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV036966.D

Acq: 19 Aug 2024 09:07

Instrument :

MSVOA_V

ClientSampleId :

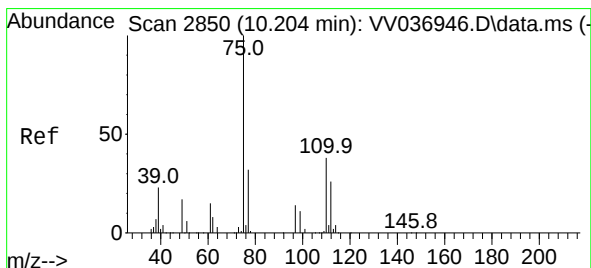
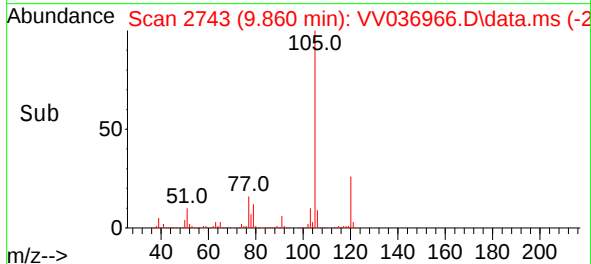
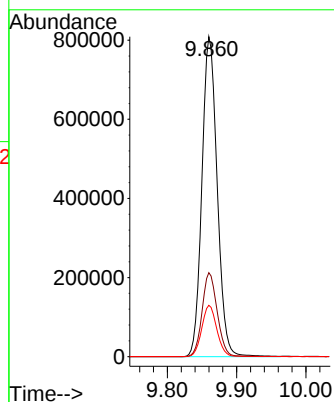
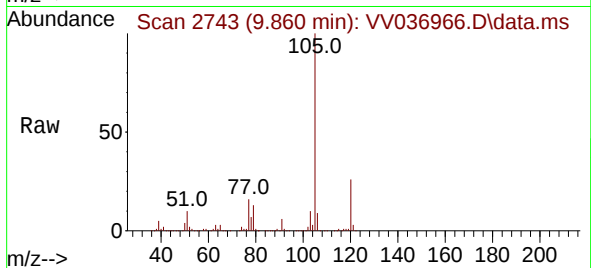
Tgt Ion:105 Resp: 1237233

Ion Ratio Lower Upper

105 100

120 26.0 20.3 30.5

77 15.7 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 48.743 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. 0.000 min

Lab File: VV036966.D

Acq: 19 Aug 2024 09:07

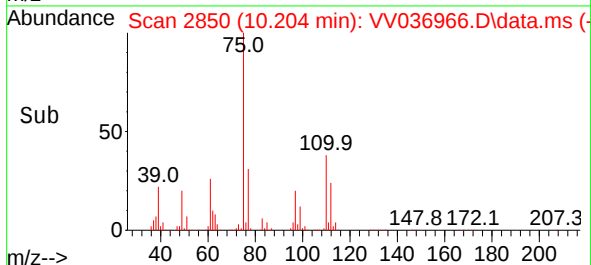
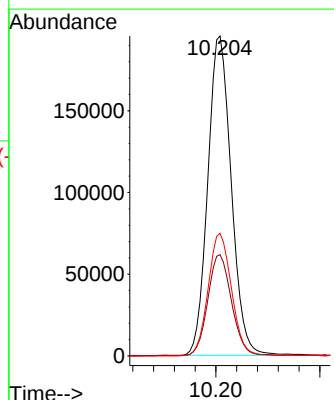
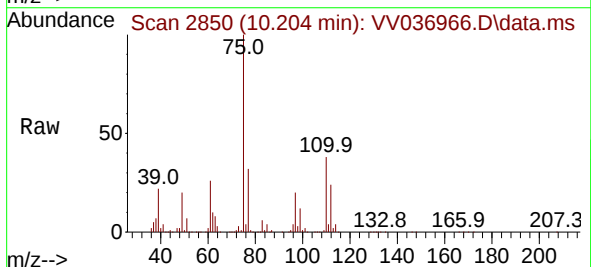
Tgt Ion: 75 Resp: 305982

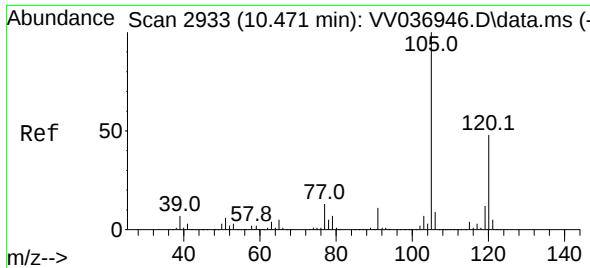
Ion Ratio Lower Upper

75 100

77 31.7 26.2 39.2

110 38.5 31.3 46.9





#62

1,3,5-Trimethylbenzene

Concen: 48.141 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.000 min

Lab File: VV036966.D

Acq: 19 Aug 2024 09:07

Instrument :

MSVOA_V

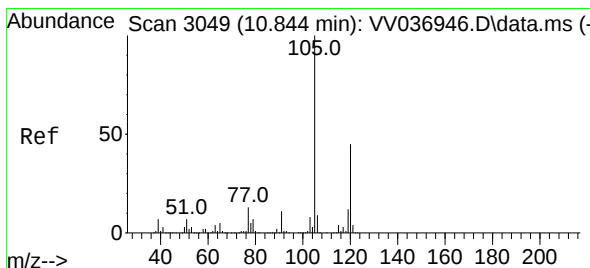
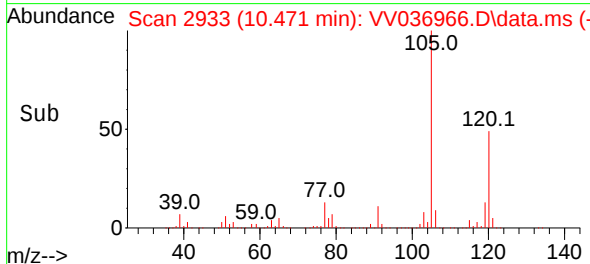
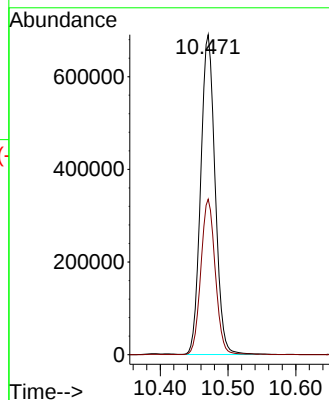
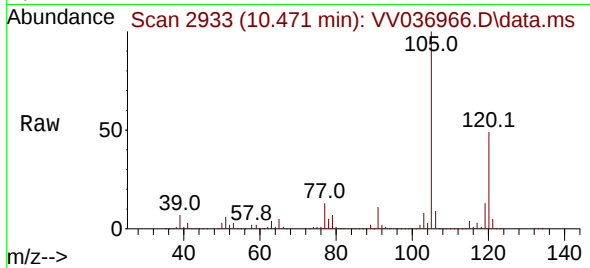
ClientSampleId :

Tgt Ion:105 Resp: 1017493

Ion Ratio Lower Upper

105 100

120 48.6 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 48.501 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV036966.D

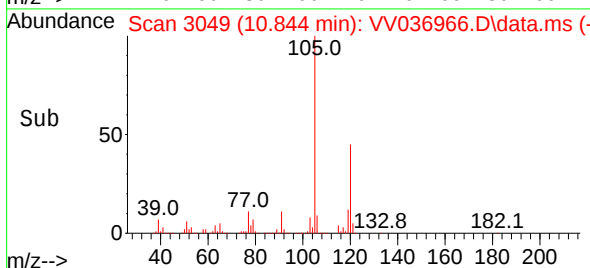
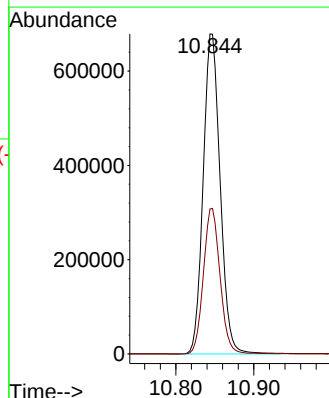
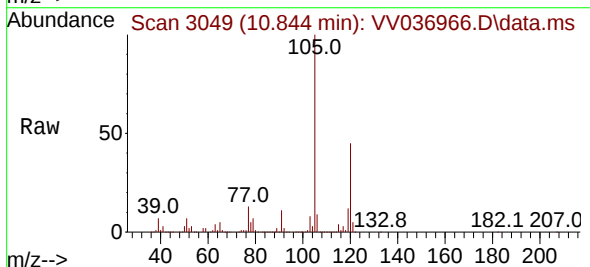
Acq: 19 Aug 2024 09:07

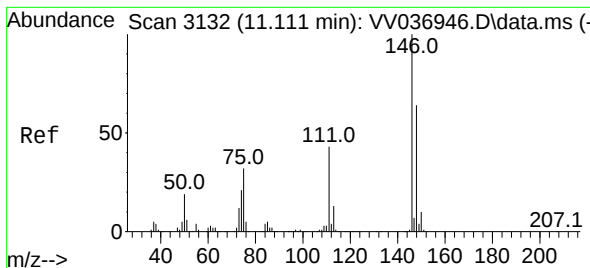
Tgt Ion:105 Resp: 1026177

Ion Ratio Lower Upper

105 100

120 44.5 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 50.957 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV036966.D

Acq: 19 Aug 2024 09:07

Instrument :

MSVOA_V

ClientSampleId :

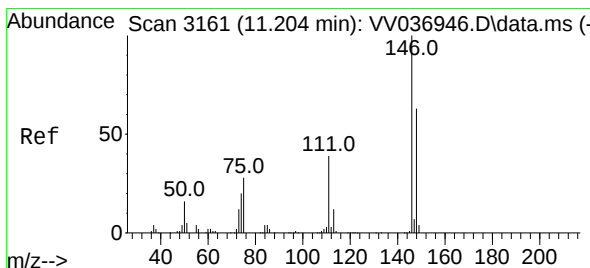
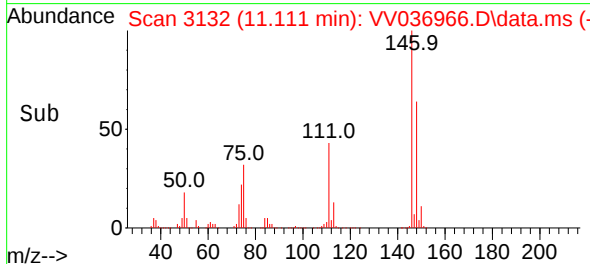
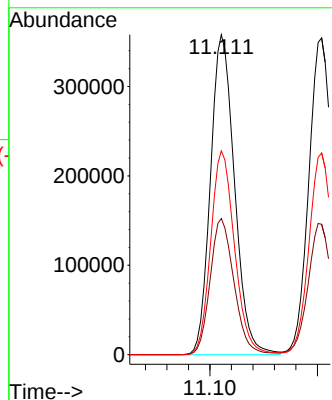
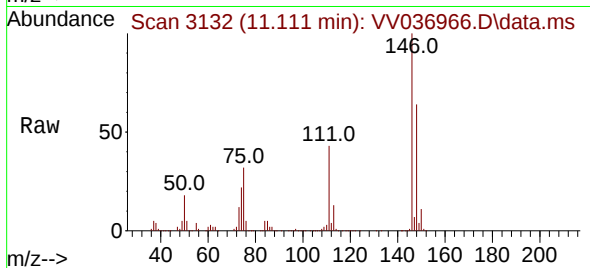
Tgt Ion:146 Resp: 556303

Ion Ratio Lower Upper

146 100

111 42.6 29.8 55.4

148 63.7 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 50.819 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV036966.D

Acq: 19 Aug 2024 09:07

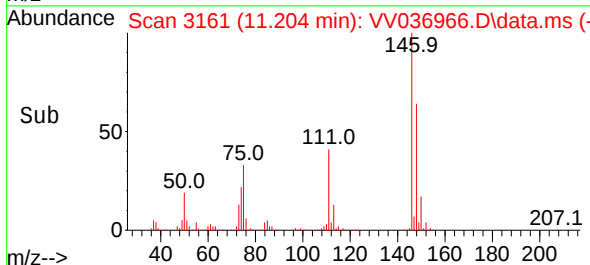
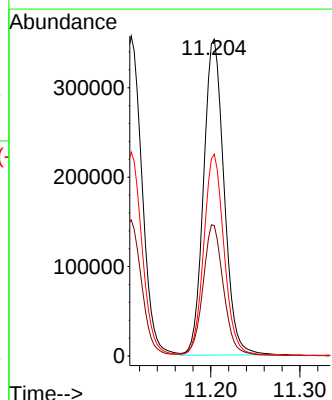
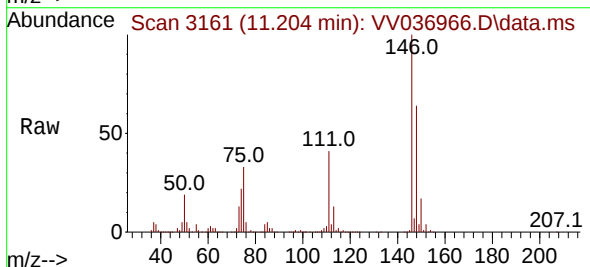
Tgt Ion:146 Resp: 564173

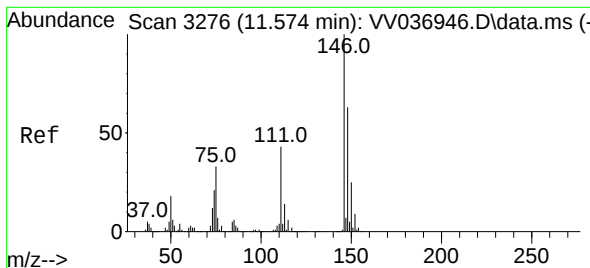
Ion Ratio Lower Upper

146 100

111 41.1 29.0 53.9

148 63.7 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 51.225 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.000 min

Lab File: VV036966.D

Acq: 19 Aug 2024 09:07

Instrument :

MSVOA_V

ClientSampleId :

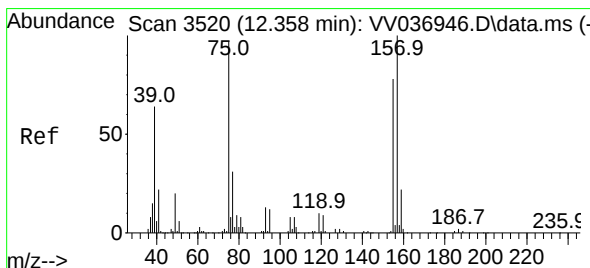
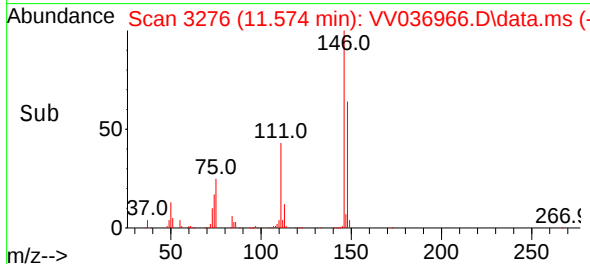
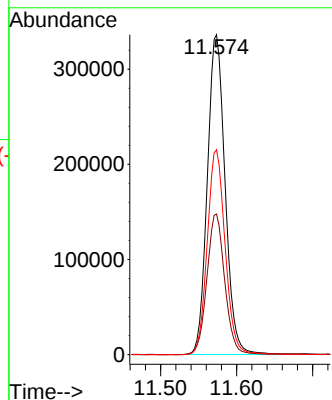
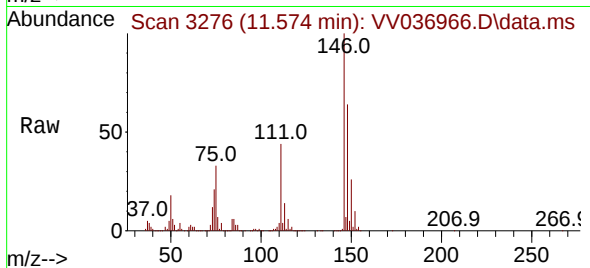
Tgt Ion:146 Resp: 546170

Ion Ratio Lower Upper

146 100

111 43.9 35.7 53.5

148 64.0 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 43.073 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV036966.D

Acq: 19 Aug 2024 09:07

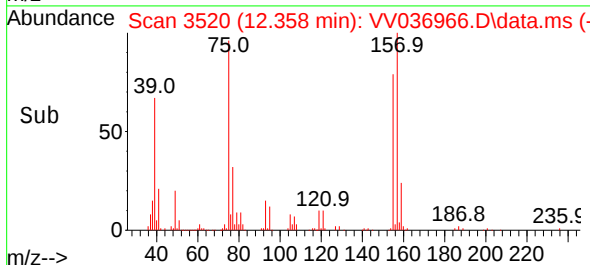
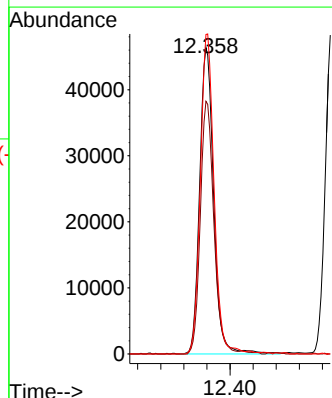
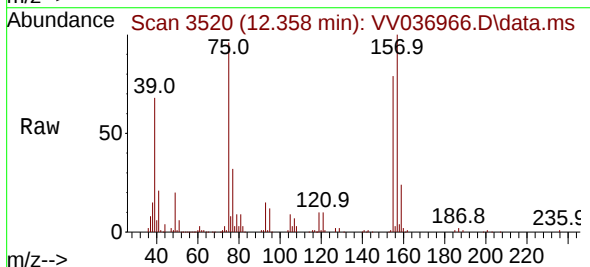
Tgt Ion: 75 Resp: 78136

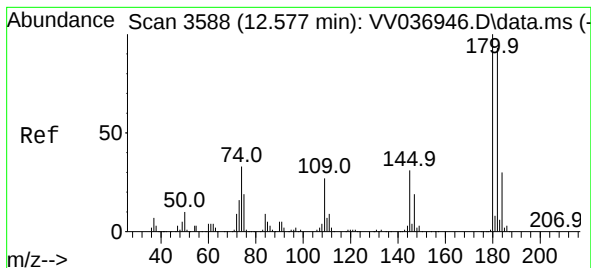
Ion Ratio Lower Upper

75 100

155 82.5 59.5 89.3

157 104.3 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 50.481 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

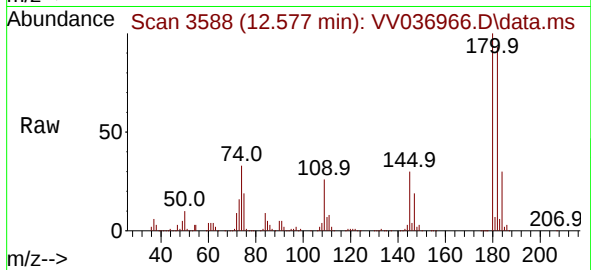
Lab File: VV036966.D

Acq: 19 Aug 2024 09:07

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 391100

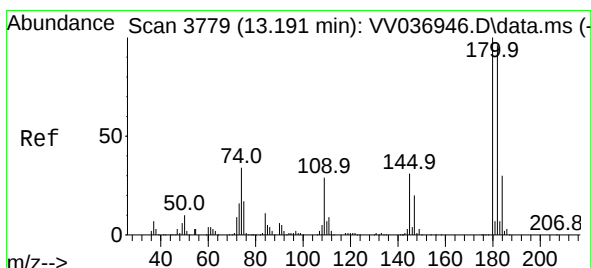
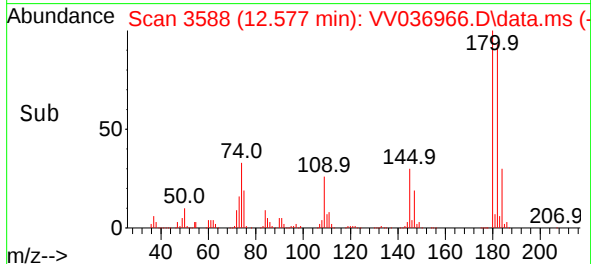
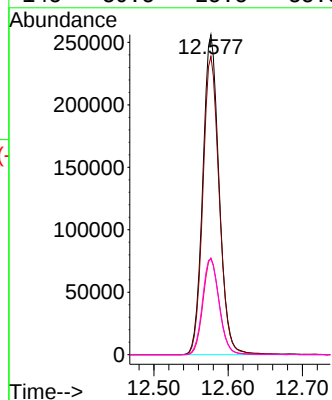
Ion Ratio Lower Upper

180 100

182 93.2 75.0 112.6

184 30.1 23.7 35.5

145 30.5 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 48.388 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.003 min

Lab File: VV036966.D

Acq: 19 Aug 2024 09:07

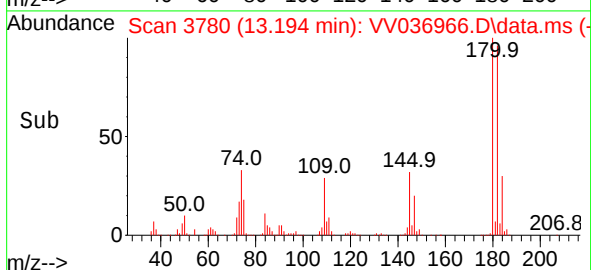
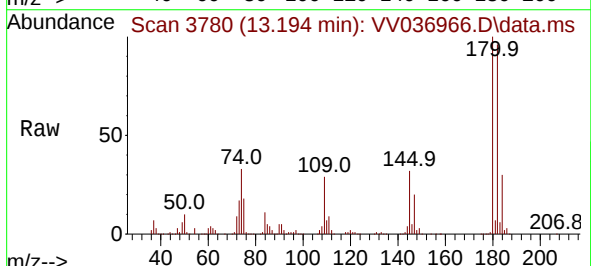
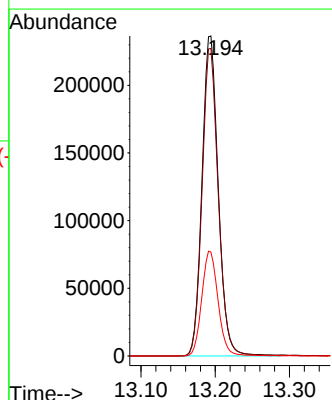
Tgt Ion:180 Resp: 359544

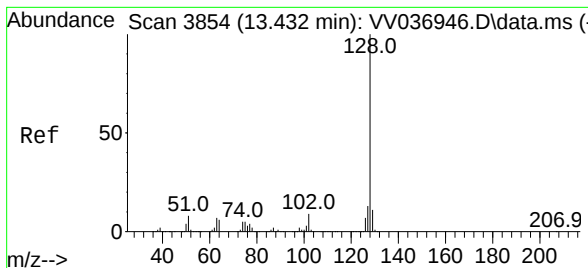
Ion Ratio Lower Upper

180 100

182 95.4 75.1 112.7

145 32.8 26.5 39.7





#71

Naphthalene

Concen: 44.792 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV036966.D

Acq: 19 Aug 2024 09:07

Instrument :

MSVOA_V

ClientSampleId :

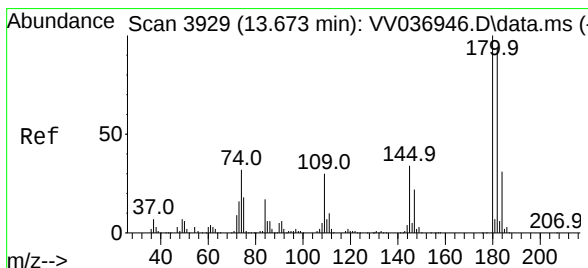
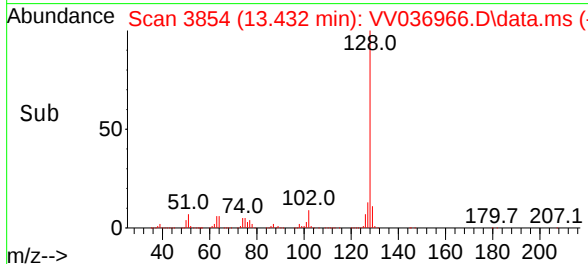
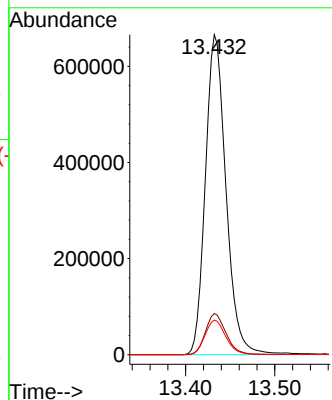
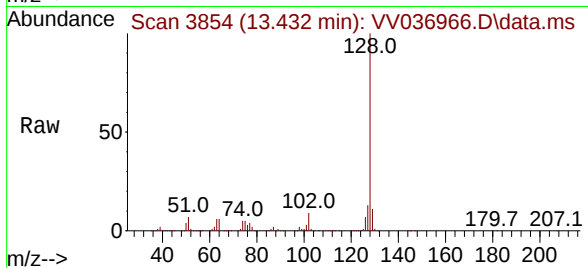
Tgt Ion:128 Resp: 1067280

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 49.202 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV036966.D

Acq: 19 Aug 2024 09:07

Tgt Ion:180 Resp: 357867

Ion Ratio Lower Upper

180 100

182 94.9 76.2 114.2

145 34.2 27.8 41.6

