

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081624\
 Data File : VV036964.D
 Acq On : 16 Aug 2024 18:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 16 23:11:31 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	5.529	114	629595	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	603720	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	315773	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	207046	41.173	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.340%
7) Chloroethane-d5	1.529	69	174046	43.889	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.780%
11) 1,1-Dichloroethene-d2	2.056	65	92555	43.029	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.060%
21) 2-Butanone-d5	3.796	46	273153	102.522	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.520%
24) Chloroform-d	4.243	84	425569	47.159	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.320%
26) 1,2-Dichloroethane-d4	4.937	65	265636	45.783	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.560%
32) Benzene-d6	4.953	84	810302	44.438	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.880%
36) 1,2-Dichloropropane-d6	5.986	67	268830	45.698	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.400%
41) Toluene-d8	7.239	98	725949	43.401	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	7.551	79	119918	39.169	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.340%
47) 2-Hexanone-d5	8.024	63	172039	101.711	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.710%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	346201	51.254	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.500%
66) 1,2-Dichlorobenzene-d4	11.554	152	279179	43.387	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	258570	51.507	ug/L	100
3) Chloromethane	1.217	50	269227	51.245	ug/L	99
5) Vinyl chloride	1.282	62	277217	51.382	ug/L	97
6) Bromomethane	1.484	94	169307	49.842	ug/L	99
8) Chloroethane	1.545	64	170467	51.009	ug/L	100
9) Trichlorofluoromethane	1.712	101	373133	52.800	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	222155	53.349	ug/L	99
12) 1,1-Dichloroethene	2.066	96	205758	51.736	ug/L	99
13) Acetone	2.111	43	183957	82.522	ug/L	98
14) Carbon disulfide	2.236	76	557165	44.598	ug/L	99
15) Methyl Acetate	2.372	43	244877	53.324	ug/L	98
16) Methylene chloride	2.442	84	236638	52.926	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	212578	51.602	ug/L	96
18) Methyl tert-butyl Ether	2.706	73	739367	50.959	ug/L	100
19) 1,1-Dichloroethane	3.105	63	444792	53.441	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	248106	51.312	ug/L	99
22) 2-Butanone	3.879	43	290531	97.287	ug/L	96
23) Bromochloromethane	4.140	128	124547	53.027	ug/L	98
25) Chloroform	4.272	83	446126	52.188	ug/L	99

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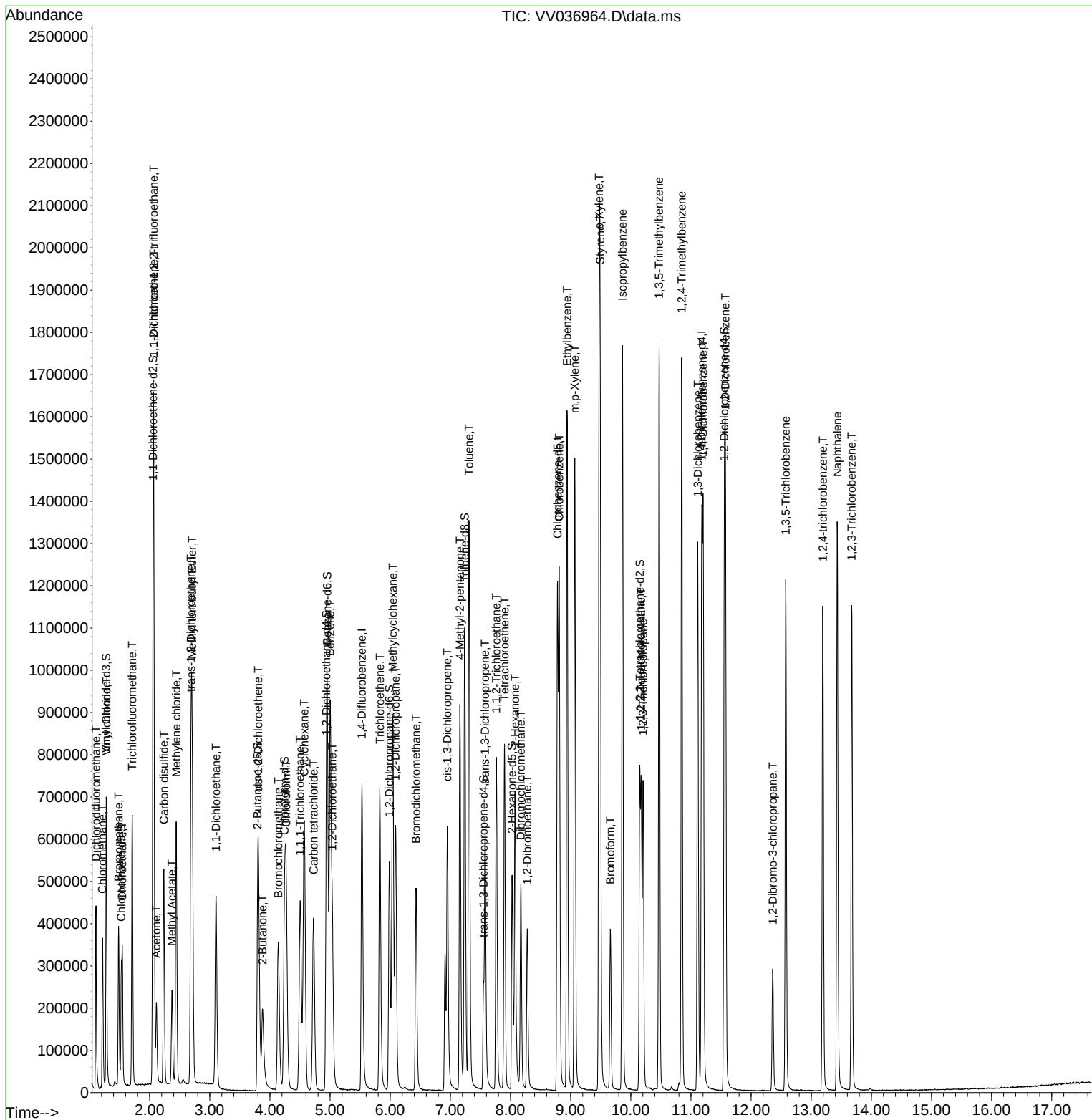
Instrument :
 MSVOA_V
 ClientSampleId :

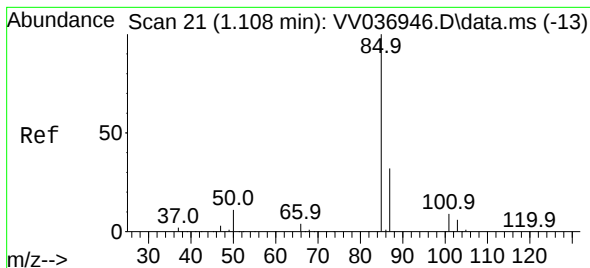
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	343676	50.968	ug/L	100
29) Cyclohexane	4.571	56	362498	47.126	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	369146	48.533	ug/L	100
31) Carbon tetrachloride	4.725	117	309657	48.476	ug/L	99
33) Benzene	5.002	78	934305	51.741	ug/L	100
34) Trichloroethene	5.828	95	258924	49.476	ug/L	99
35) Methylcyclohexane	6.043	83	376986	46.945	ug/L	98
37) 1,2-Dichloropropane	6.088	63	248429	51.934	ug/L	100
38) Bromodichloromethane	6.429	83	327461	49.711	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	391457	47.783	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	610300	102.993	ug/L	99
42) Toluene	7.310	91	976831	50.788	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	352690	46.200	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	244303	52.737	ug/L	99
46) Tetrachloroethene	7.902	164	174401	50.806	ug/L	97
48) 2-Hexanone	8.075	43	446260	102.369	ug/L	99
49) Dibromochloromethane	8.172	129	239861	50.386	ug/L	99
50) 1,2-Dibromoethane	8.278	107	252112	52.454	ug/L	97
51) Chlorobenzene	8.809	112	639155	51.792	ug/L	98
52) Ethylbenzene	8.940	91	1111591	50.617	ug/L	100
53) m,p-Xylene	9.069	106	410014	49.948	ug/L	98
54) o-Xylene	9.474	106	406654	50.649	ug/L	100
55) Styrene	9.490	104	716342	52.063	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	358370	57.333	ug/L	99
59) Bromoform	9.661	173	159360	45.618	ug/L	97
60) Isopropylbenzene	9.863	105	1112194	48.379	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	281782	49.571	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	906606	47.369	ug/L	98
63) 1,2,4-Trimethylbenzene	10.847	105	909545	47.473	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	494544	50.025	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	505222	50.256	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	491343	50.890	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	73092	44.496	ug/L	98
69) 1,3,5-Trichlorobenzene	12.577	180	339088	48.334	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	323102	48.020	ug/L	98
71) Naphthalene	13.432	128	1059464	49.102	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	325164	49.369	ug/L	100

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

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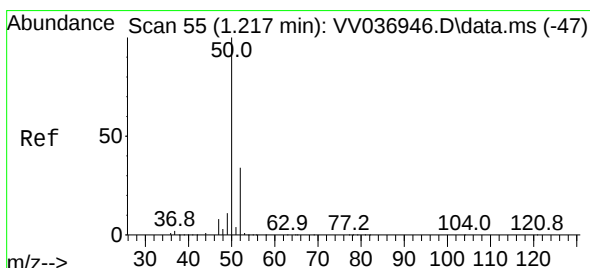
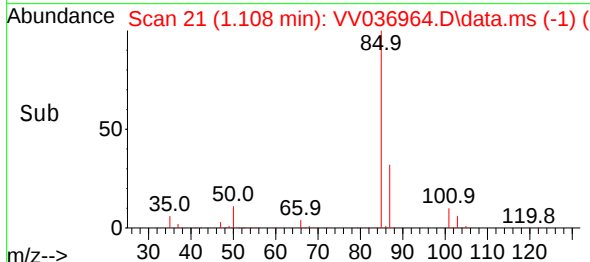
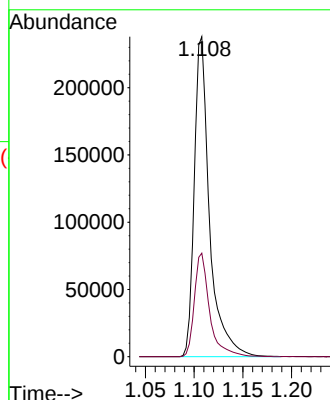
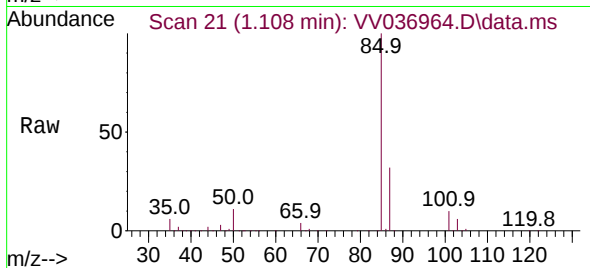




#2
 Dichlorodifluoromethane
 Concen: 51.507 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV036964.D
 Acq: 16 Aug 2024 18:33

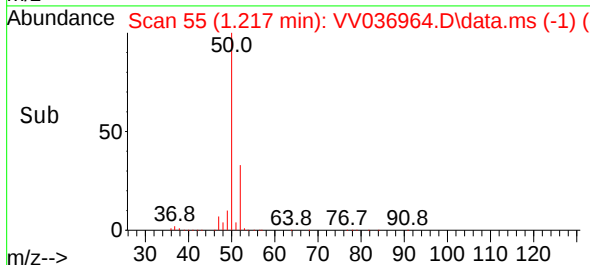
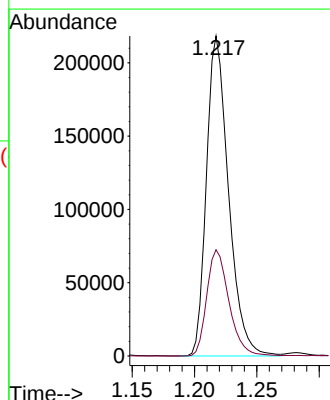
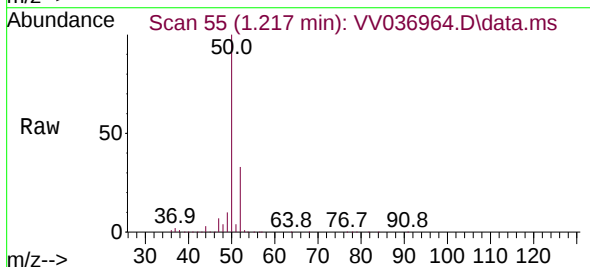
Instrument :
 MSVOA_V
 ClientSampleId :

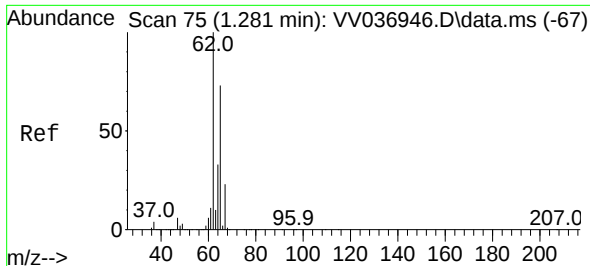
Tgt Ion: 85 Resp: 258570
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.9 38.9



#3
 Chloromethane
 Concen: 51.245 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV036964.D
 Acq: 16 Aug 2024 18:33

Tgt Ion: 50 Resp: 269227
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.0 42.8

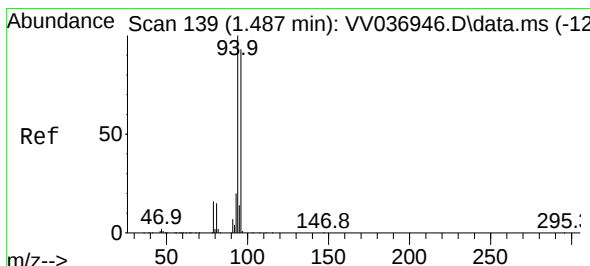
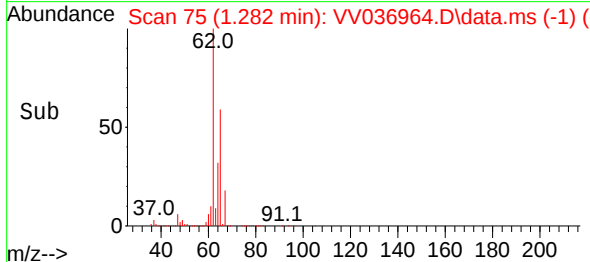
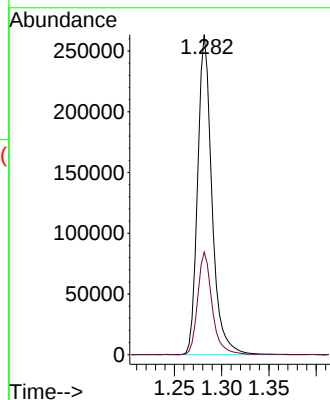
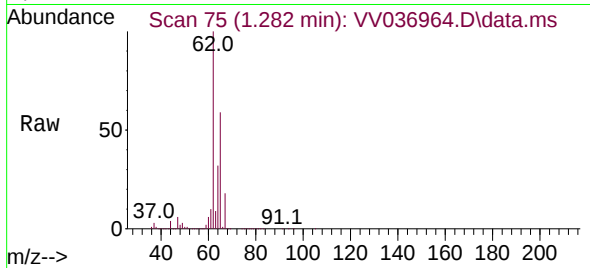




#5
 Vinyl chloride
 Concen: 51.382 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV036964.D
 Acq: 16 Aug 2024 18:33

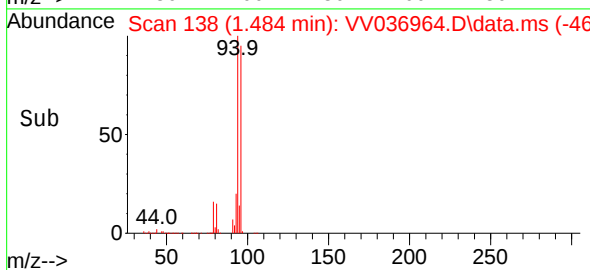
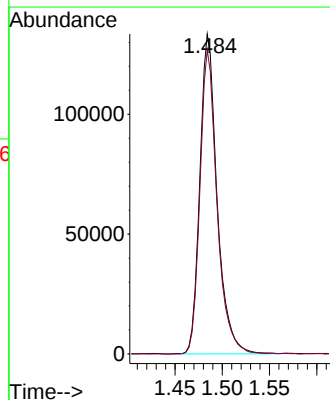
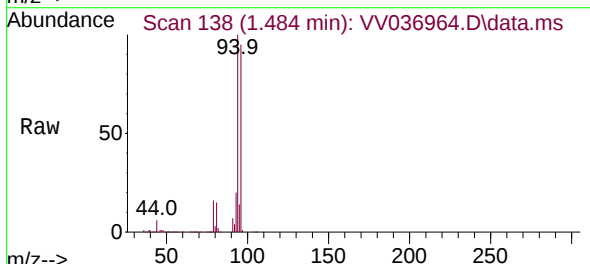
Instrument :
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 ClientSampleId :

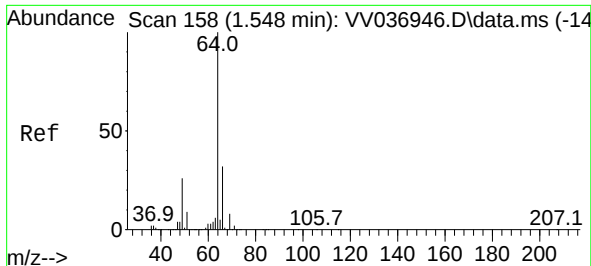
Tgt Ion: 62 Resp: 277217
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.6 43.8



#6
 Bromomethane
 Concen: 49.842 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV036964.D
 Acq: 16 Aug 2024 18:33

Tgt Ion: 94 Resp: 169307
 Ion Ratio Lower Upper
 94 100
 96 95.0 65.5 121.7

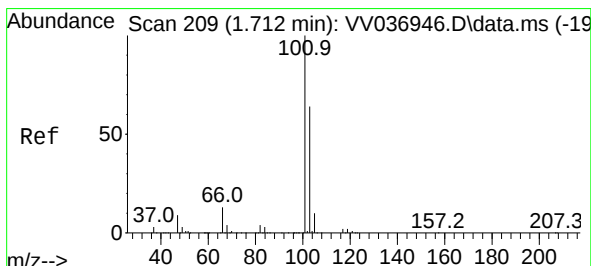
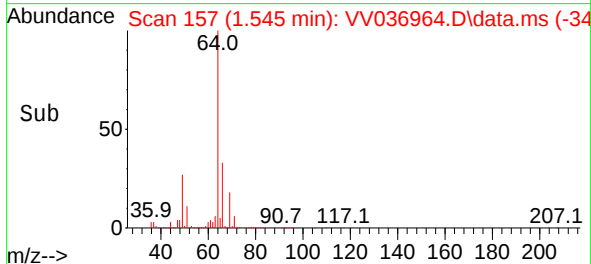
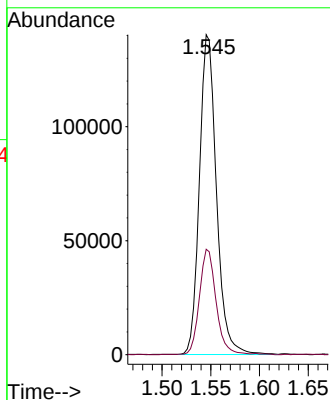
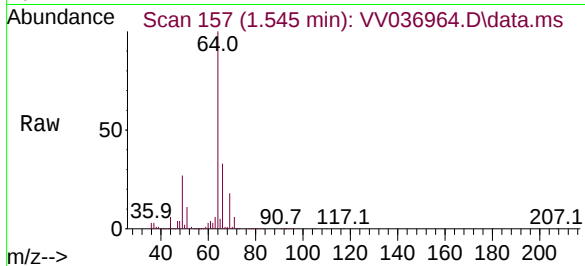




#8
Chloroethane
Concen: 51.009 ug/L
RT: 1.545 min Scan# 158
Delta R.T. -0.003 min
Lab File: VV036964.D
Acq: 16 Aug 2024 18:33

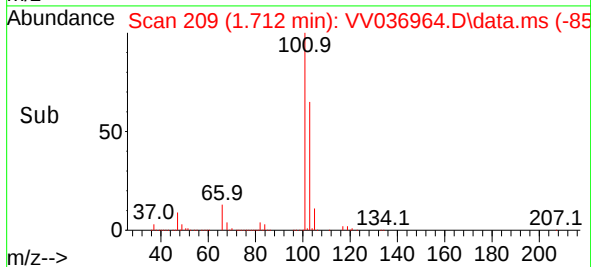
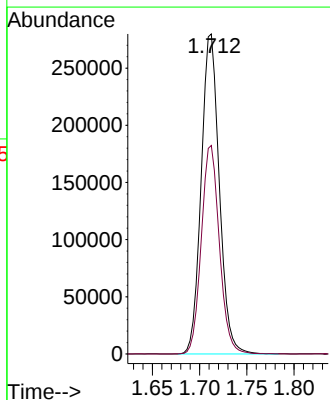
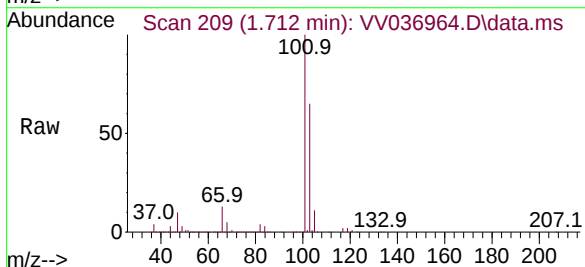
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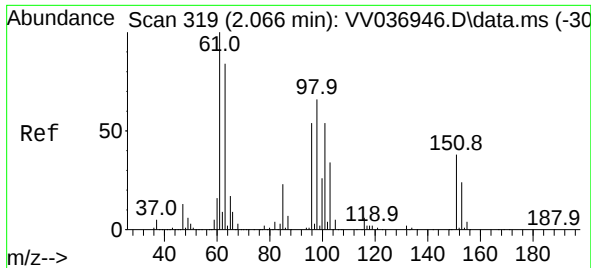
Tgt Ion: 64 Resp: 170467
Ion Ratio Lower Upper
64 100
66 32.9 23.2 43.0



#9
Trichlorofluoromethane
Concen: 52.800 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV036964.D
Acq: 16 Aug 2024 18:33

Tgt Ion:101 Resp: 373133
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.0

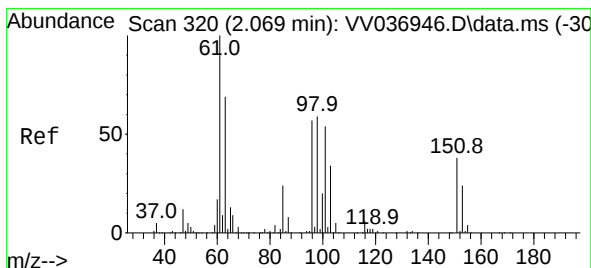
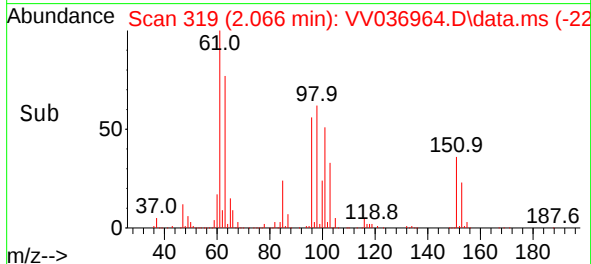
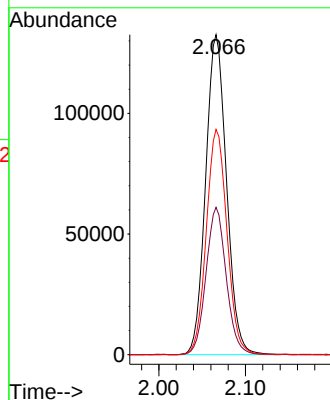
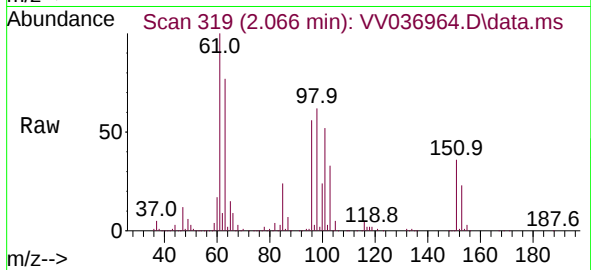




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 53.349 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV036964.D
 Acq: 16 Aug 2024 18:33

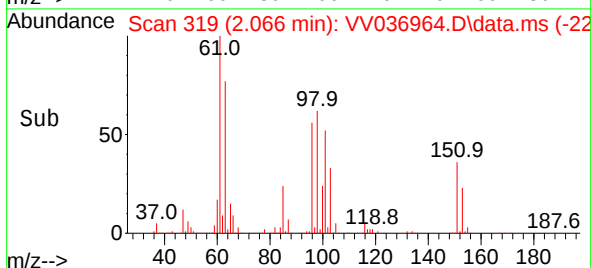
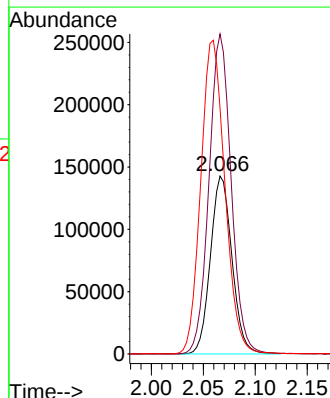
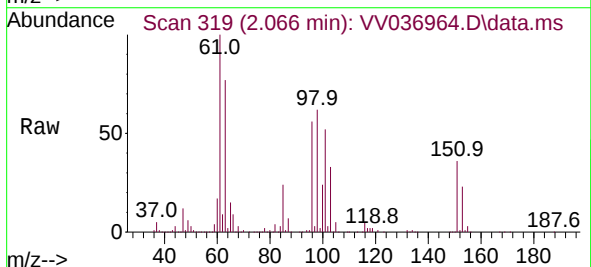
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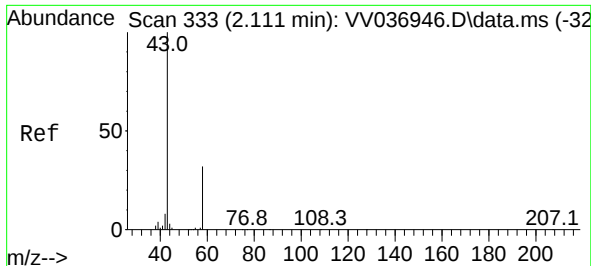
Tgt Ion:101 Resp: 222155
 Ion Ratio Lower Upper
 101 100
 85 44.7 34.6 51.8
 151 69.9 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 51.736 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV036964.D
 Acq: 16 Aug 2024 18:33

Tgt Ion: 96 Resp: 205758
 Ion Ratio Lower Upper
 96 100
 61 179.8 125.6 233.2
 63 138.2 95.1 176.7





#13

Acetone

Concen: 82.522 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV036964.D

Acq: 16 Aug 2024 18:33

Instrument :

MSVOA_V

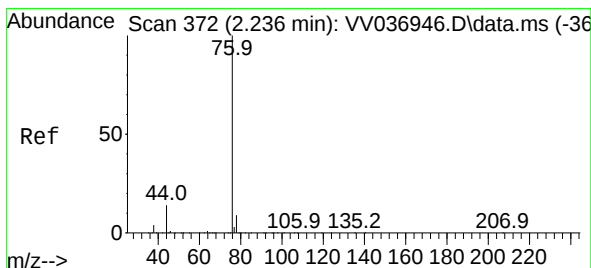
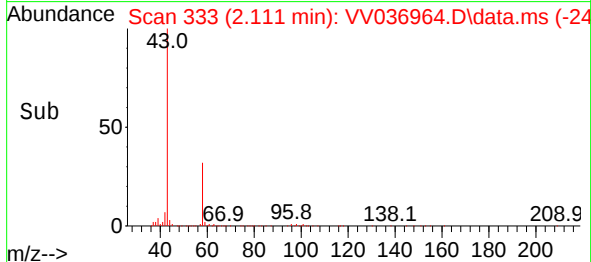
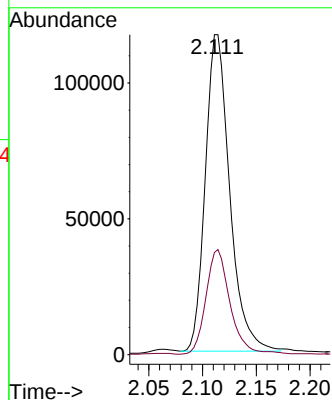
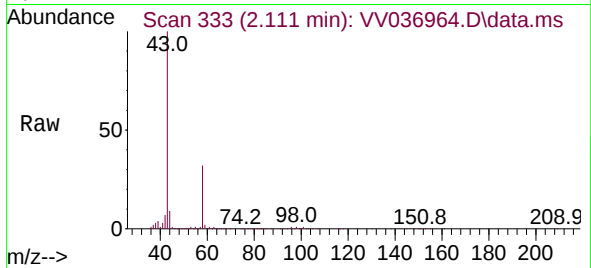
ClientSampleId :

Tgt Ion: 43 Resp: 183957

Ion Ratio Lower Upper

43 100

58 32.7 0.0 63.4



#14

Carbon disulfide

Concen: 44.598 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV036964.D

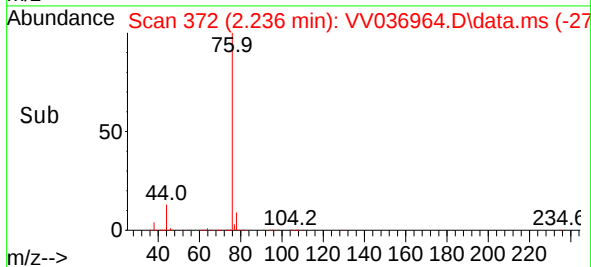
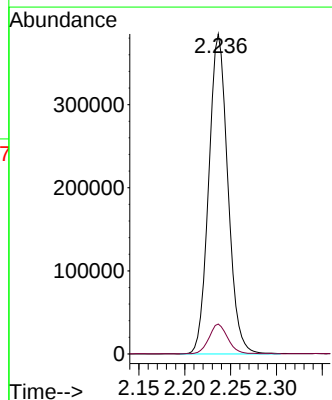
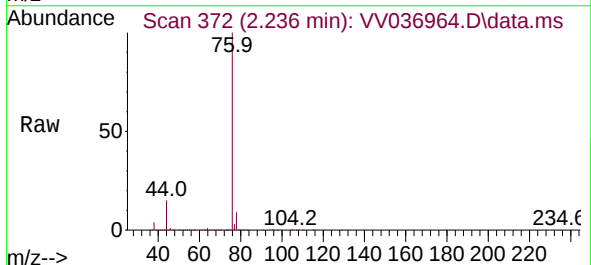
Acq: 16 Aug 2024 18:33

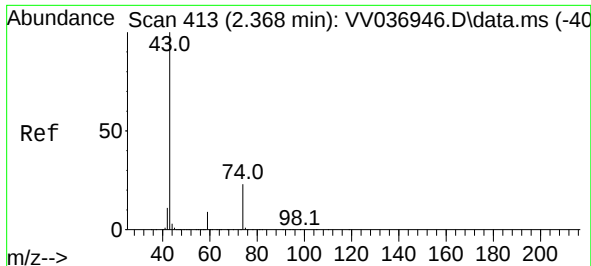
Tgt Ion: 76 Resp: 557165

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7





#15

Methyl Acetate

Concen: 53.324 ug/L

RT: 2.372 min Scan# 413

Delta R.T. 0.003 min

Lab File: VV036964.D

Acq: 16 Aug 2024 18:33

Instrument :

MSVOA_V

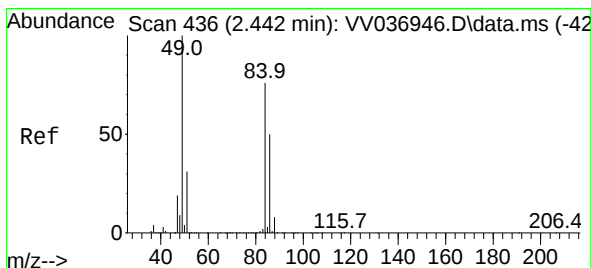
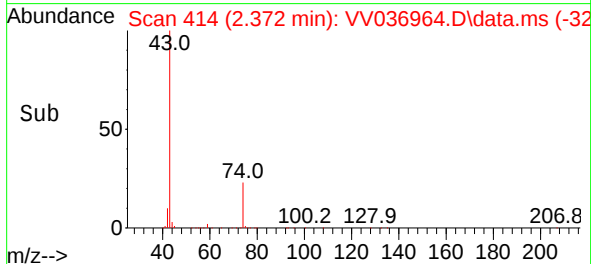
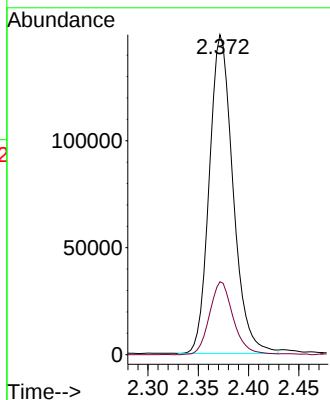
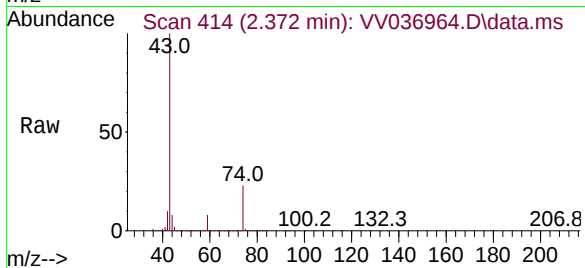
ClientSampleId :

Tgt Ion: 43 Resp: 244877

Ion Ratio Lower Upper

43 100

74 22.9 19.0 28.4



#16

Methylene chloride

Concen: 52.926 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV036964.D

Acq: 16 Aug 2024 18:33

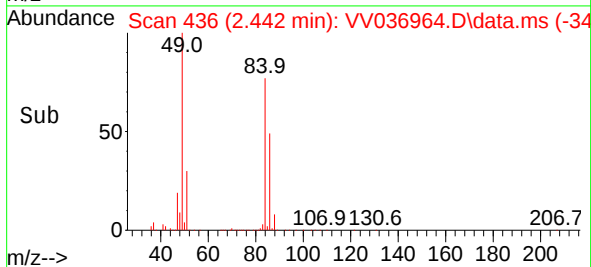
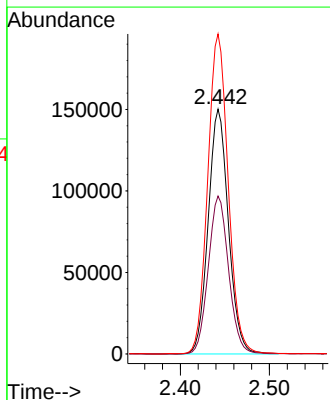
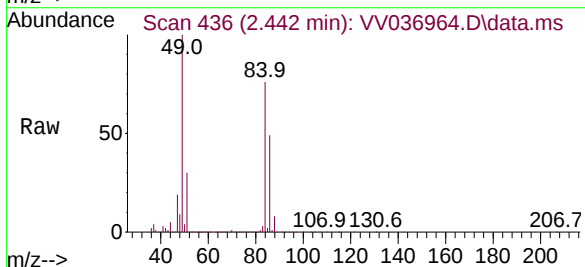
Tgt Ion: 84 Resp: 236638

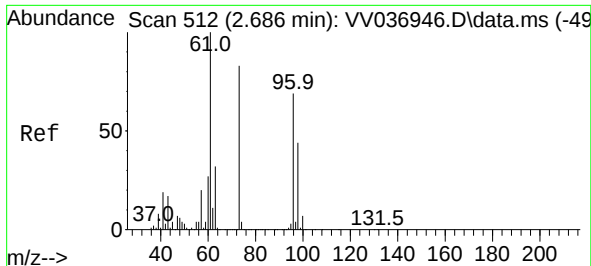
Ion Ratio Lower Upper

84 100

86 64.5 44.3 82.3

49 130.7 91.1 169.1





#17

trans-1,2-Dichloroethene

Concen: 51.602 ug/L

RT: 2.687 min Scan# 512

Delta R.T. 0.000 min

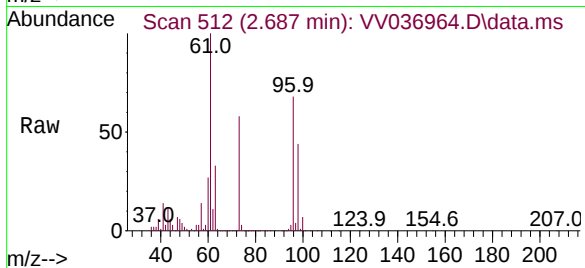
Lab File: VV036964.D

Acq: 16 Aug 2024 18:33

Instrument :

MSVOA_V

ClientSampleId :



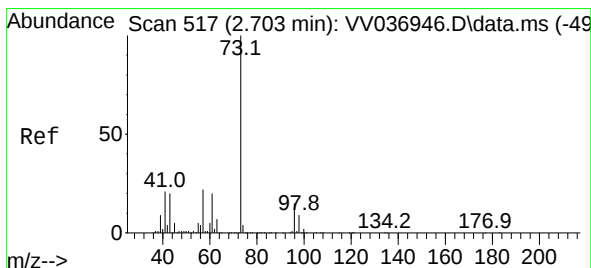
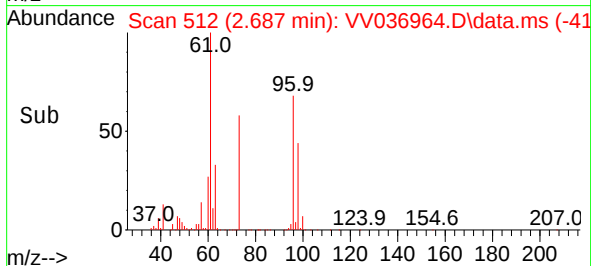
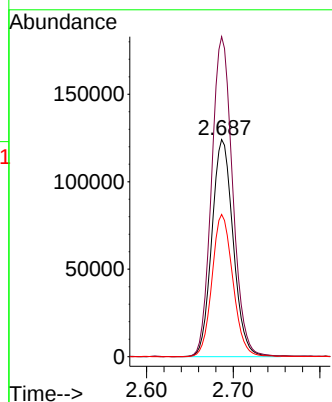
Tgt Ion: 96 Resp: 212578

Ion Ratio Lower Upper

96 100

61 147.4 100.0 185.8

98 65.5 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 50.959 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.003 min

Lab File: VV036964.D

Acq: 16 Aug 2024 18:33

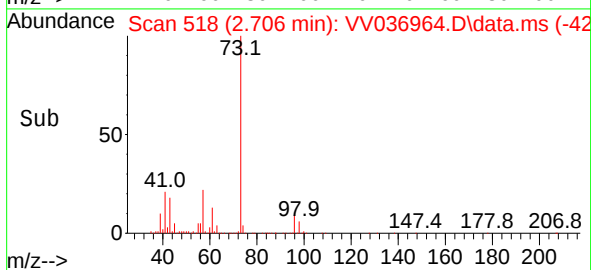
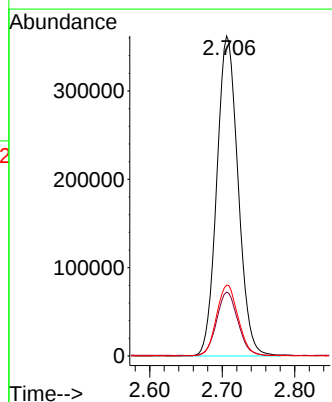
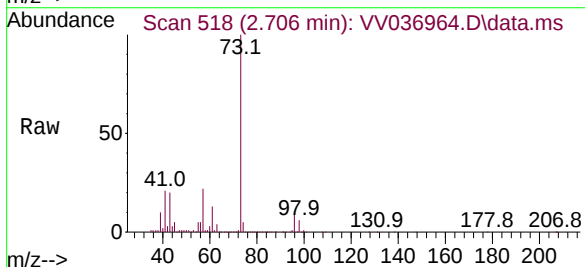
Tgt Ion: 73 Resp: 739367

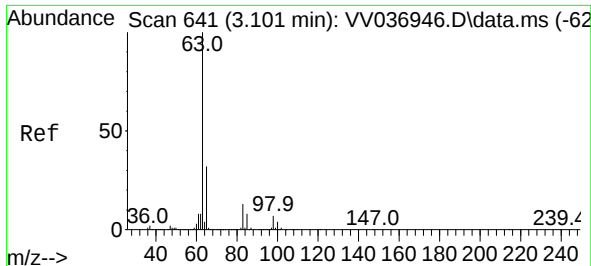
Ion Ratio Lower Upper

73 100

43 19.9 16.1 24.1

57 22.4 17.9 26.9





#19

1,1-Dichloroethane

Concen: 53.441 ug/L

RT: 3.105 min Scan# 641

Delta R.T. 0.003 min

Lab File: VV036964.D

Acq: 16 Aug 2024 18:33

Instrument :

MSVOA_V

ClientSampleId :

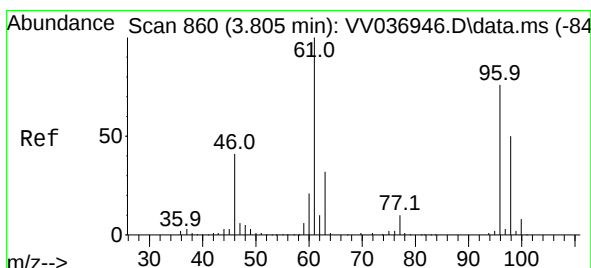
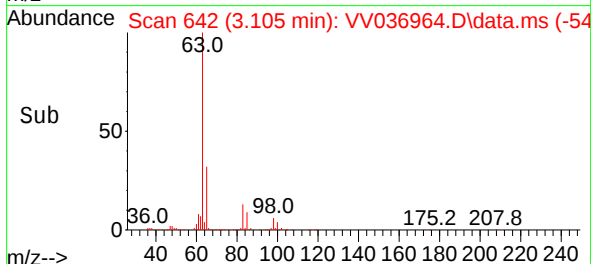
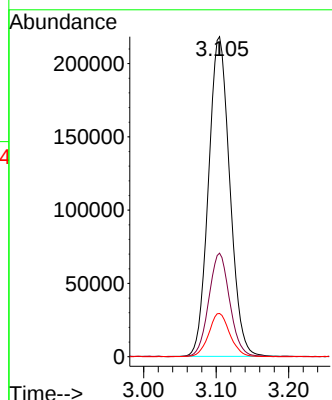
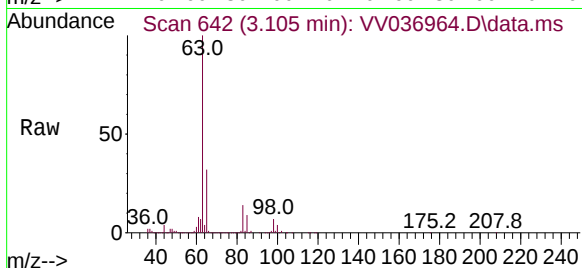
Tgt Ion: 63 Resp: 444792

Ion Ratio Lower Upper

63 100

65 32.3 23.2 43.0

83 13.5 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 51.312 ug/L

RT: 3.806 min Scan# 860

Delta R.T. 0.000 min

Lab File: VV036964.D

Acq: 16 Aug 2024 18:33

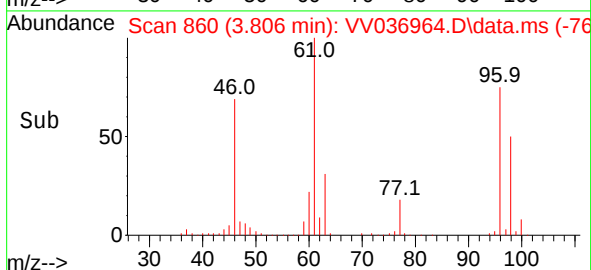
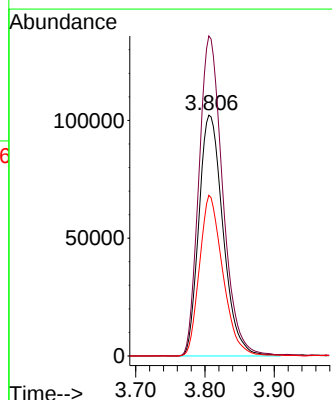
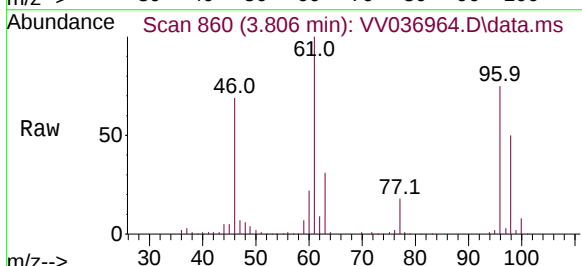
Tgt Ion: 96 Resp: 248106

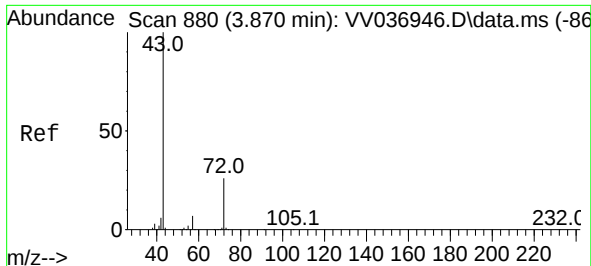
Ion Ratio Lower Upper

96 100

61 132.9 93.9 174.5

98 66.7 46.0 85.4

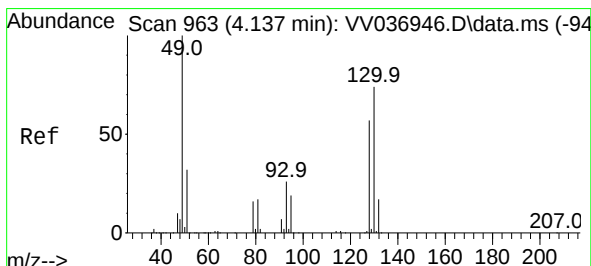
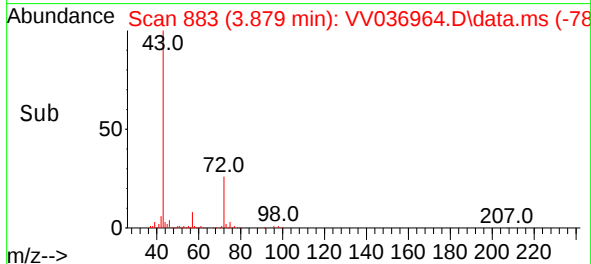
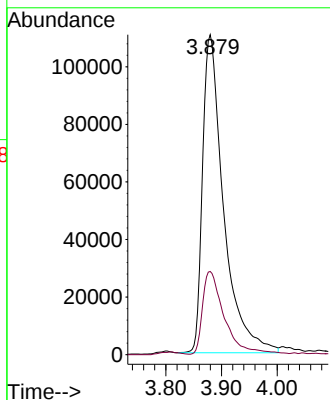
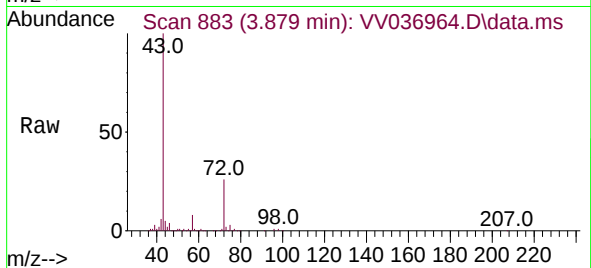




#22
2-Butanone
Concen: 97.287 ug/L
RT: 3.879 min Scan# 880
Delta R.T. 0.010 min
Lab File: VV036964.D
Acq: 16 Aug 2024 18:33

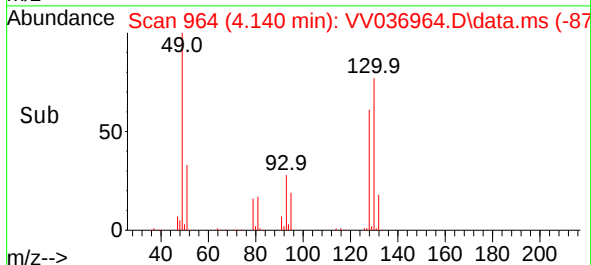
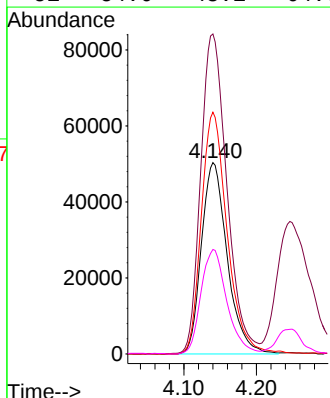
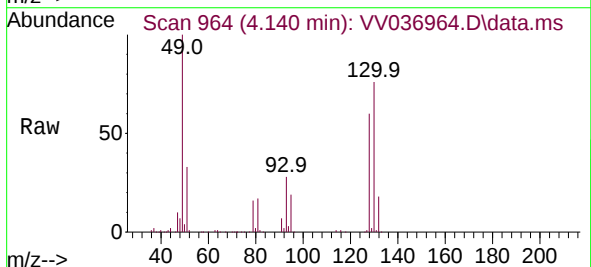
Instrument :
MSVOA_V
ClientSampleId :

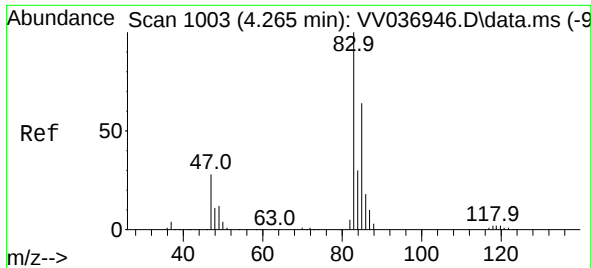
Tgt Ion: 43 Resp: 290531
Ion Ratio Lower Upper
43 100
72 26.9 12.5 37.5



#23
Bromochloromethane
Concen: 53.027 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.003 min
Lab File: VV036964.D
Acq: 16 Aug 2024 18:33

Tgt Ion:128 Resp: 124547
Ion Ratio Lower Upper
128 100
49 167.2 120.0 223.0
130 126.3 87.0 161.6
51 54.6 43.1 64.7

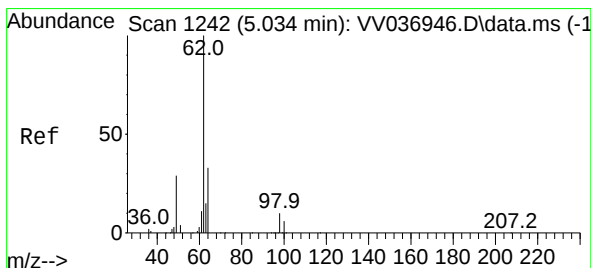
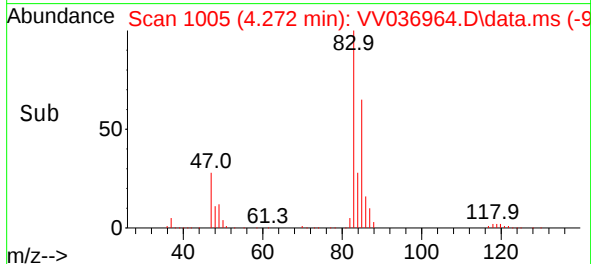
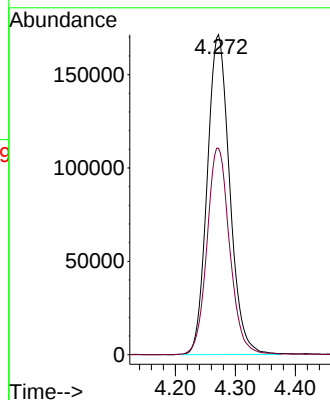
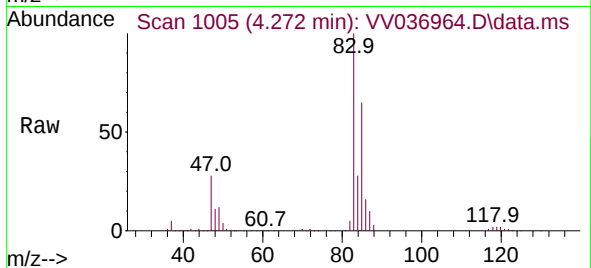




#25
Chloroform
Concen: 52.188 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.007 min
Lab File: VV036964.D
Acq: 16 Aug 2024 18:33

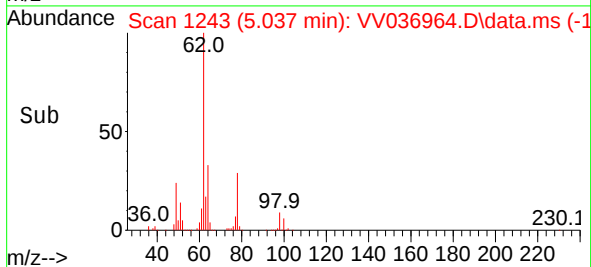
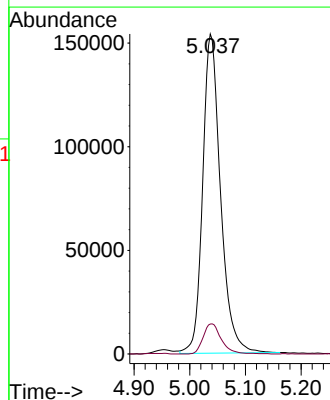
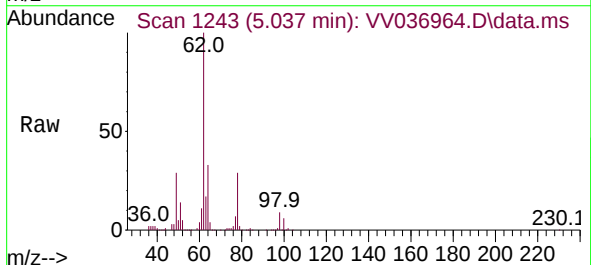
Instrument :
MSVOA_V
ClientSampleId :

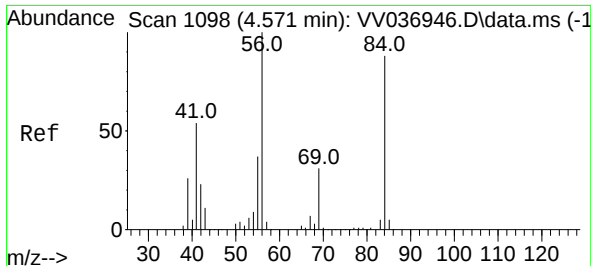
Tgt Ion: 83 Resp: 446126
Ion Ratio Lower Upper
83 100
85 64.6 46.0 85.4



#27
1,2-Dichloroethane
Concen: 50.968 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.003 min
Lab File: VV036964.D
Acq: 16 Aug 2024 18:33

Tgt Ion: 62 Resp: 343676
Ion Ratio Lower Upper
62 100
98 9.3 7.5 11.3





#29

Cyclohexane

Concen: 47.126 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VV036964.D

Acq: 16 Aug 2024 18:33

Instrument :

MSVOA_V

ClientSampleId :

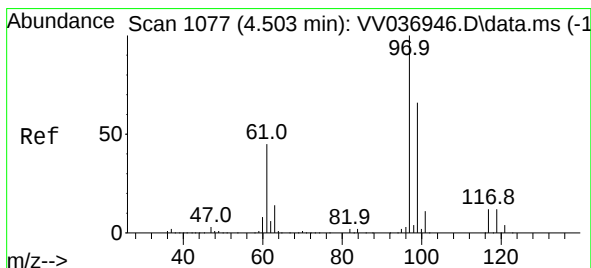
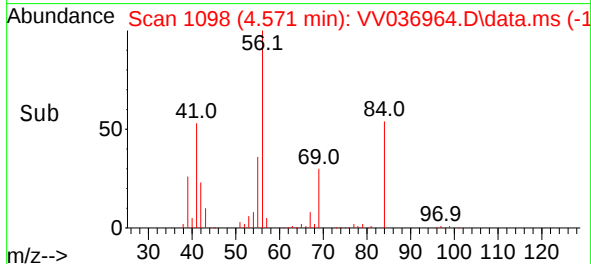
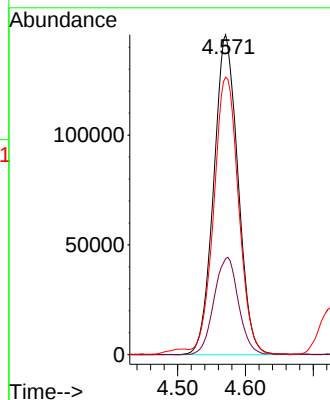
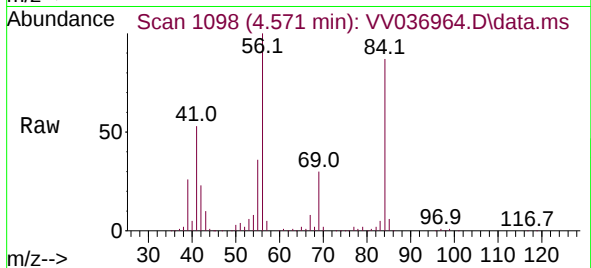
Tgt Ion: 56 Resp: 362498

Ion Ratio Lower Upper

56 100

69 30.6 24.7 37.1

84 88.3 68.5 102.7



#30

1,1,1-Trichloroethane

Concen: 48.533 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VV036964.D

Acq: 16 Aug 2024 18:33

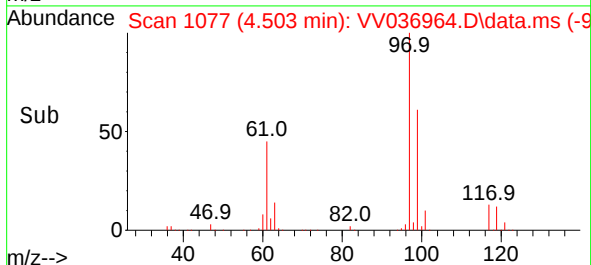
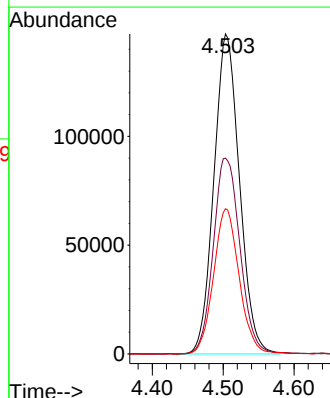
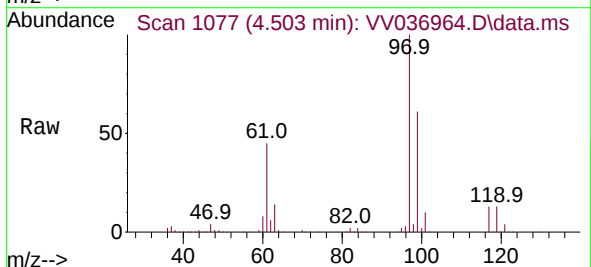
Tgt Ion: 97 Resp: 369146

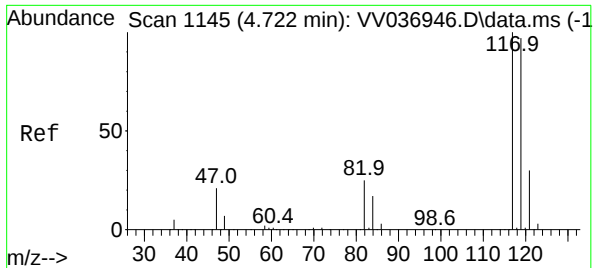
Ion Ratio Lower Upper

97 100

99 63.9 51.5 77.3

61 45.2 36.0 54.0

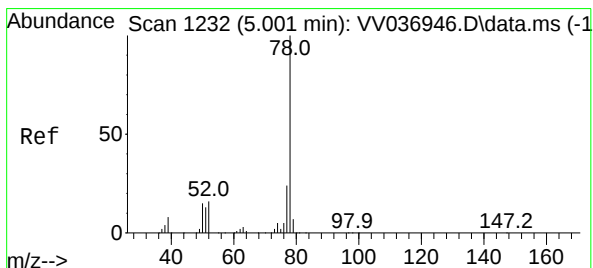
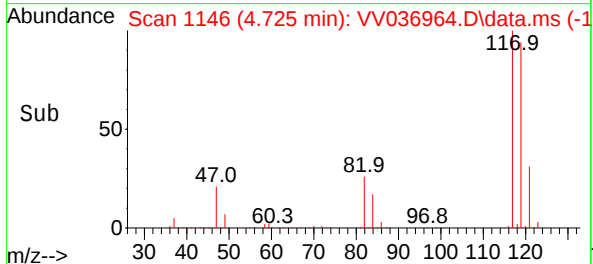
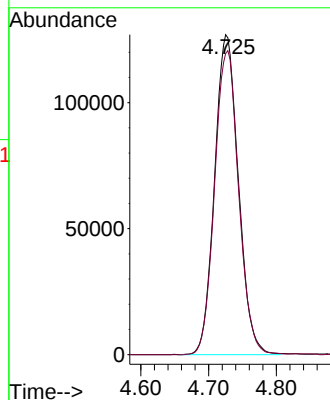
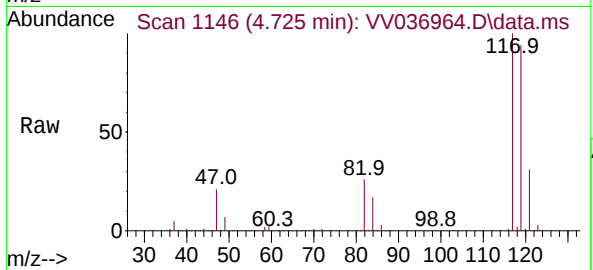




#31
Carbon tetrachloride
Concen: 48.476 ug/L
RT: 4.725 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VV036964.D
Acq: 16 Aug 2024 18:33

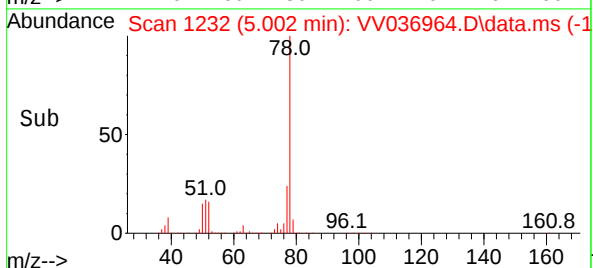
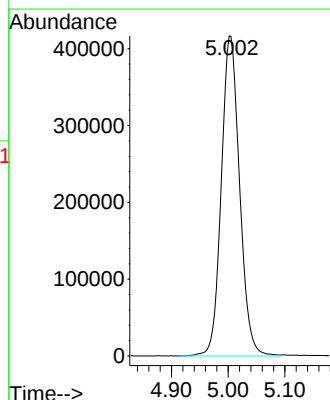
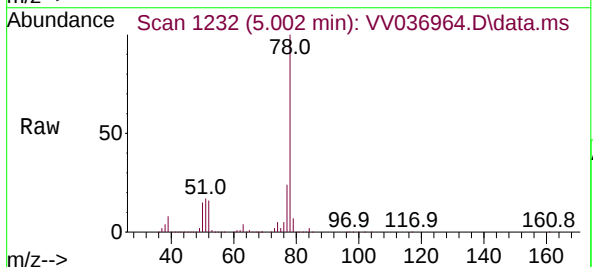
Instrument :
MSVOA_V
ClientSampleId :

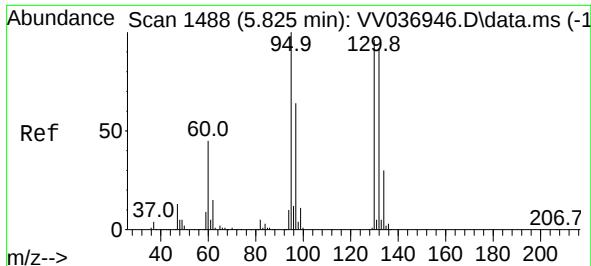
Tgt Ion:117 Resp: 309657
Ion Ratio Lower Upper
117 100
119 96.1 76.1 114.1



#33
Benzene
Concen: 51.741 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VV036964.D
Acq: 16 Aug 2024 18:33

Tgt Ion: 78 Resp: 934305





#34

Trichloroethene

Concen: 49.476 ug/L

RT: 5.828 min Scan# 1488

Delta R.T. 0.003 min

Lab File: VV036964.D

Acq: 16 Aug 2024 18:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 258924

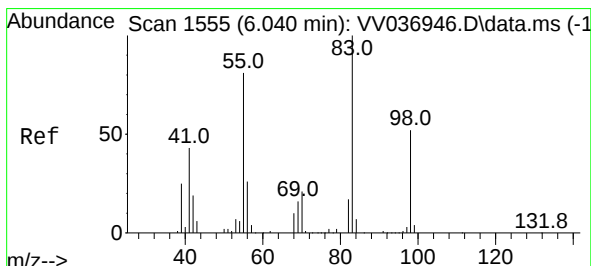
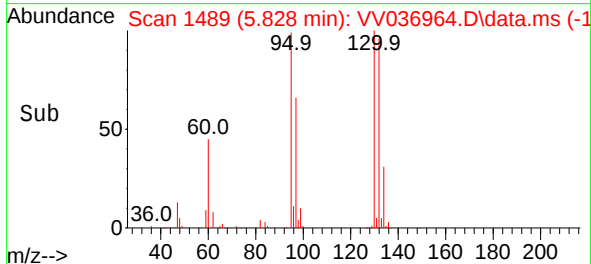
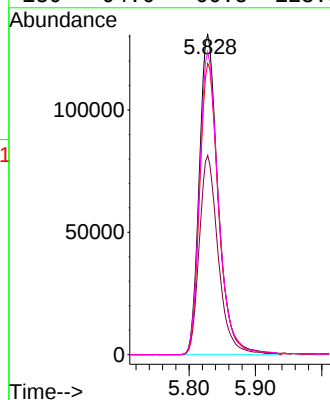
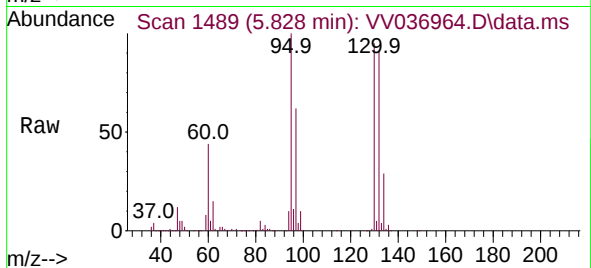
Ion Ratio Lower Upper

95 100

97 62.3 44.7 82.9

132 91.0 62.9 116.9

130 94.6 66.5 123.5



#35

Methylcyclohexane

Concen: 46.945 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.003 min

Lab File: VV036964.D

Acq: 16 Aug 2024 18:33

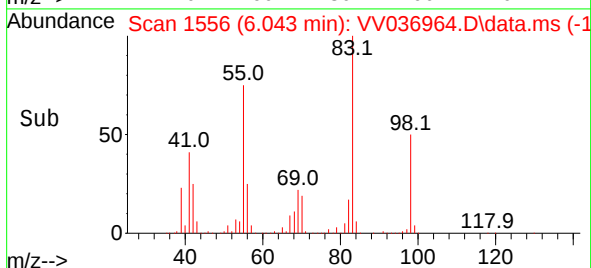
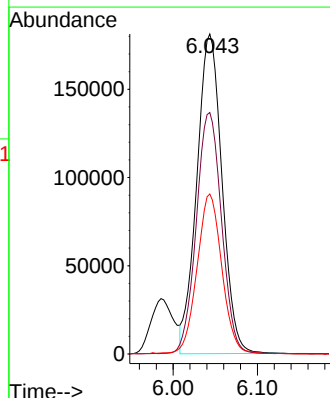
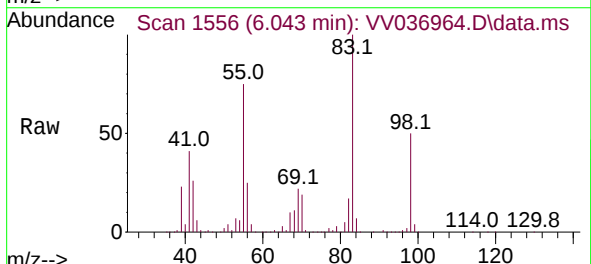
Tgt Ion: 83 Resp: 376986

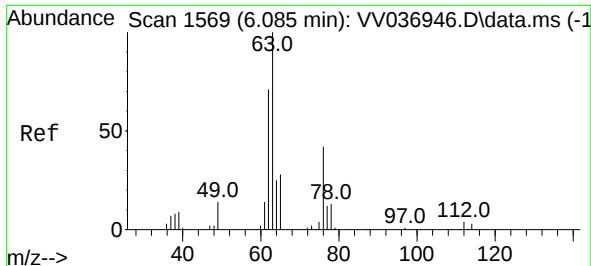
Ion Ratio Lower Upper

83 100

55 75.7 62.3 93.5

98 49.5 38.7 58.1

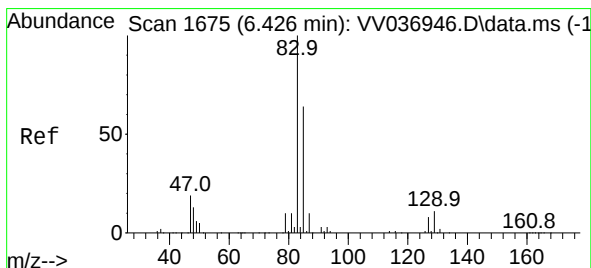
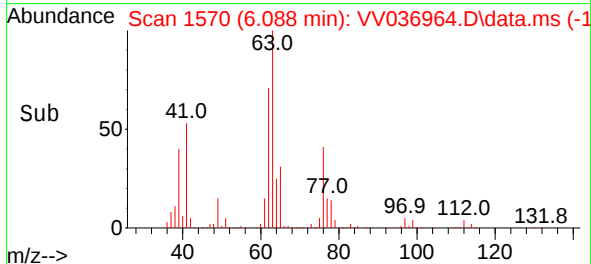
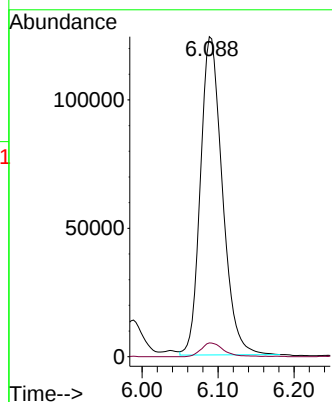
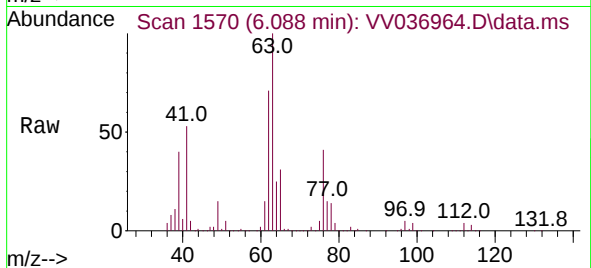




#37
1,2-Dichloropropane
Concen: 51.934 ug/L
RT: 6.088 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VV036964.D
Acq: 16 Aug 2024 18:33

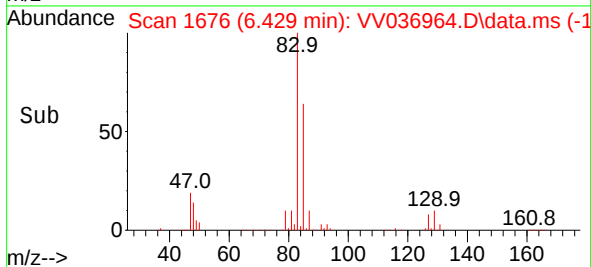
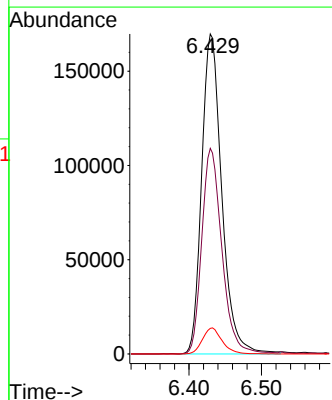
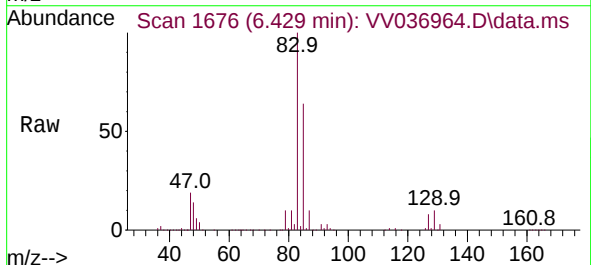
Instrument :
MSVOA_V
ClientSampleId :

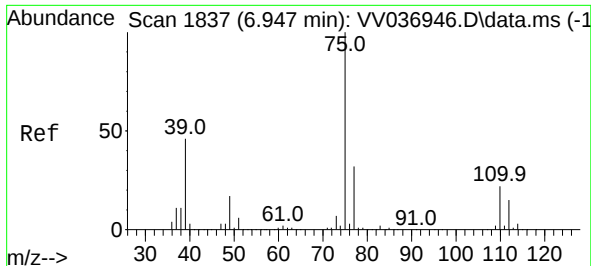
Tgt Ion: 63 Resp: 248429
Ion Ratio Lower Upper
63 100
112 4.5 3.6 5.4



#38
Bromodichloromethane
Concen: 49.711 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.003 min
Lab File: VV036964.D
Acq: 16 Aug 2024 18:33

Tgt Ion: 83 Resp: 327461
Ion Ratio Lower Upper
83 100
85 64.3 44.7 83.1
127 8.0 6.2 9.4

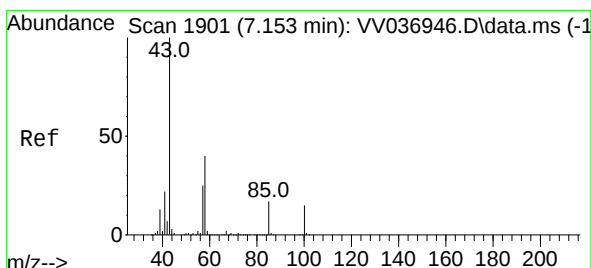
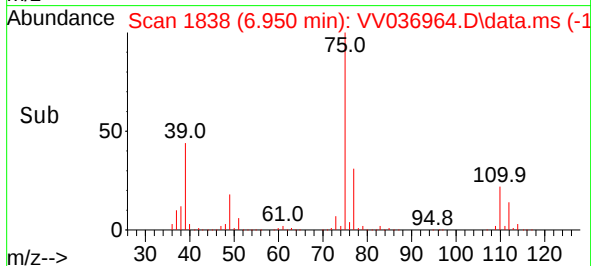
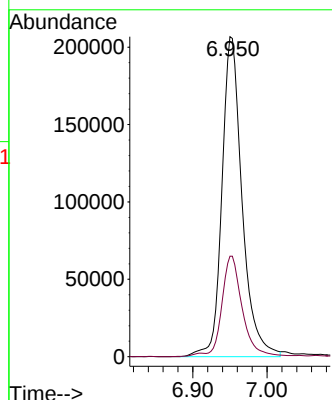
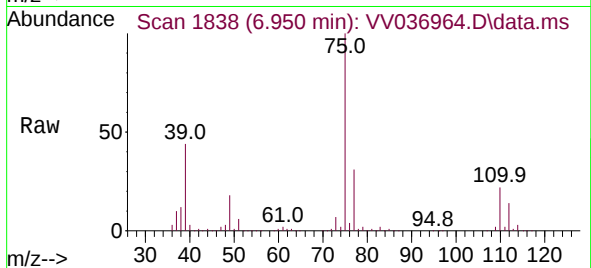




#39
cis-1,3-Dichloropropene
Concen: 47.783 ug/L
RT: 6.950 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV036964.D
Acq: 16 Aug 2024 18:33

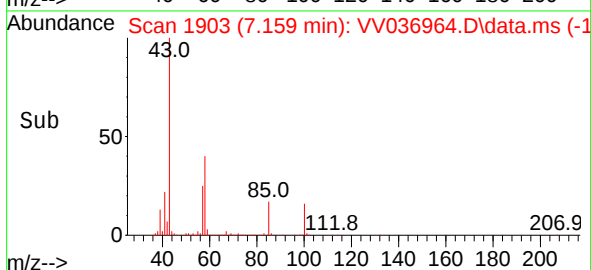
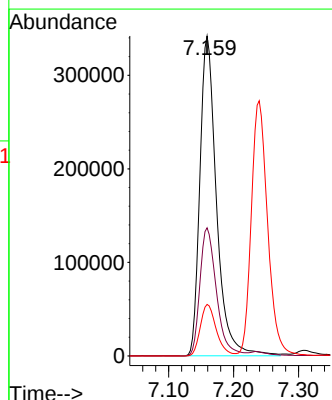
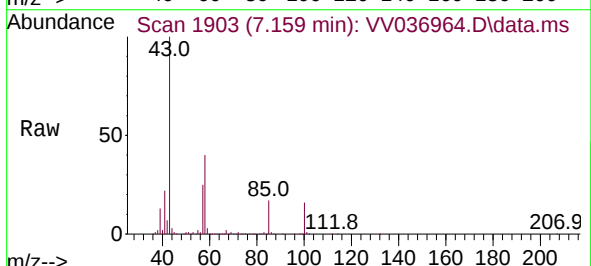
Instrument :
MSVOA_V
ClientSampleId :

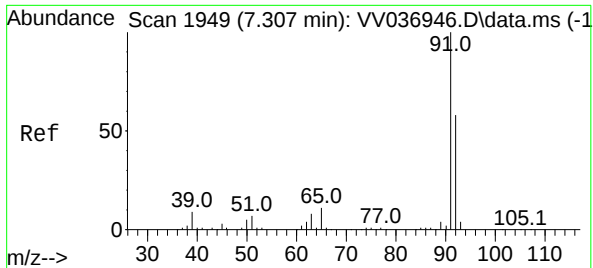
Tgt Ion: 75 Resp: 391457
Ion Ratio Lower Upper
75 100
77 31.4 22.2 41.2



#40
4-Methyl-2-pentanone
Concen: 102.993 ug/L
RT: 7.159 min Scan# 1903
Delta R.T. 0.007 min
Lab File: VV036964.D
Acq: 16 Aug 2024 18:33

Tgt Ion: 43 Resp: 610300
Ion Ratio Lower Upper
43 100
58 39.8 31.3 46.9
100 15.6 12.6 18.8

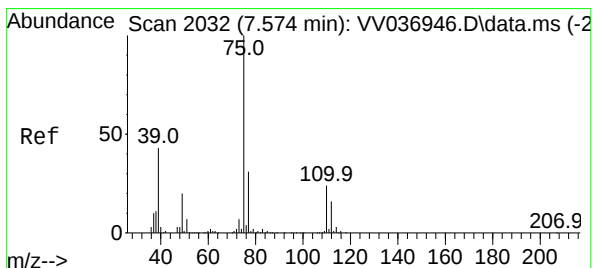
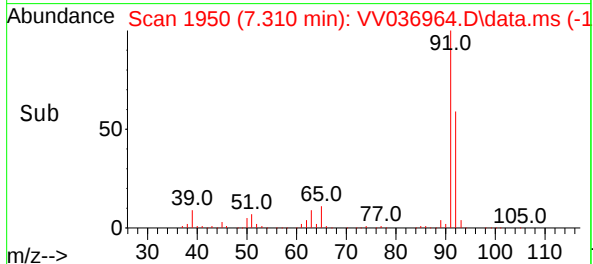
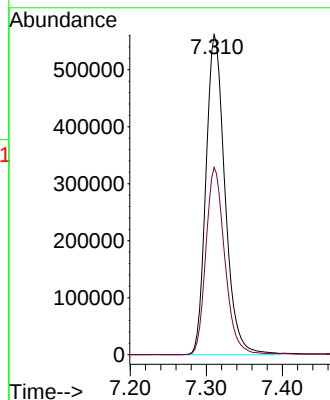
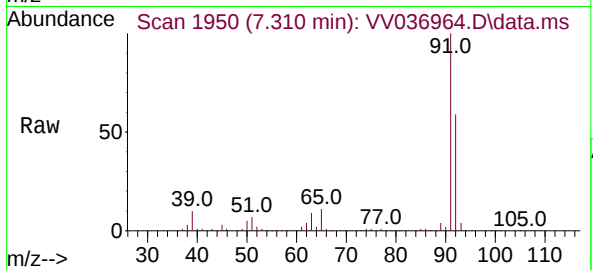




#42
Toluene
Concen: 50.788 ug/L
RT: 7.310 min Scan# 1949
Delta R.T. 0.003 min
Lab File: VV036964.D
Acq: 16 Aug 2024 18:33

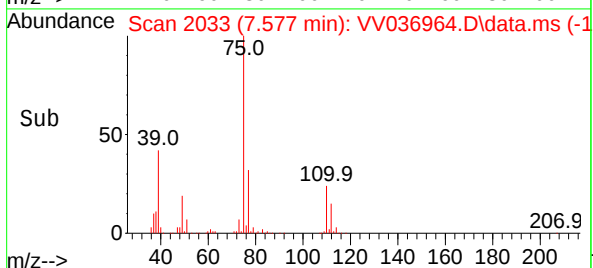
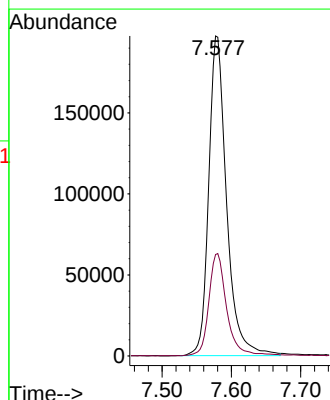
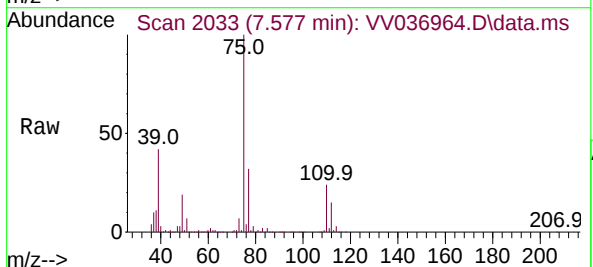
Instrument :
MSVOA_V
ClientSampleId :

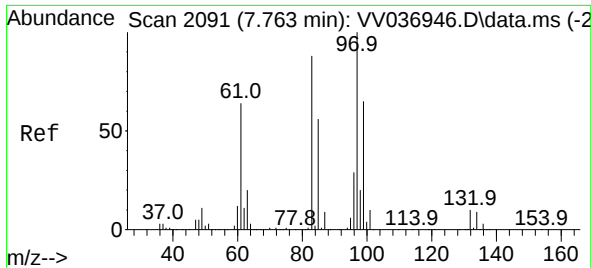
Tgt Ion: 91 Resp: 976831
Ion Ratio Lower Upper
91 100
92 58.5 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 46.200 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. 0.003 min
Lab File: VV036964.D
Acq: 16 Aug 2024 18:33

Tgt Ion: 75 Resp: 352690
Ion Ratio Lower Upper
75 100
77 31.7 22.4 41.6



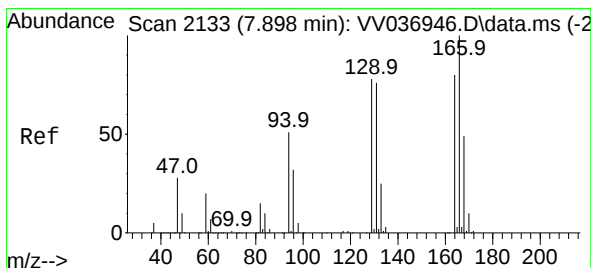
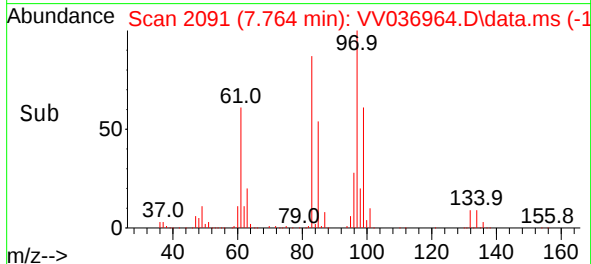
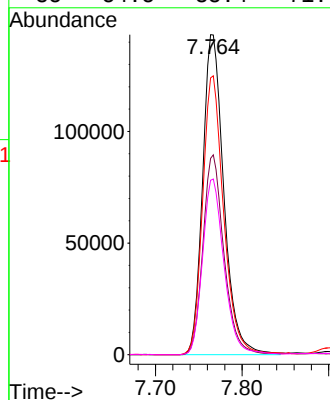
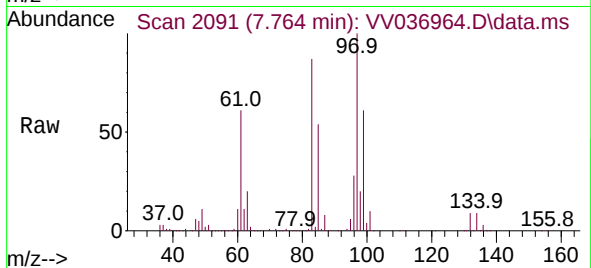


#45
1,1,2-Trichloroethane
Concen: 52.737 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV036964.D
Acq: 16 Aug 2024 18:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 244303

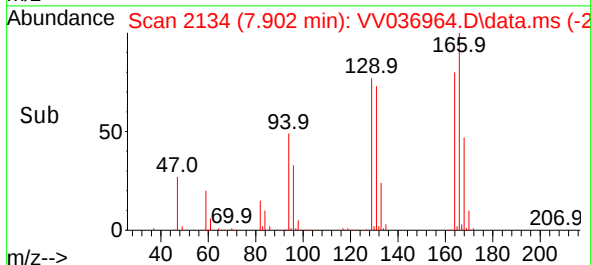
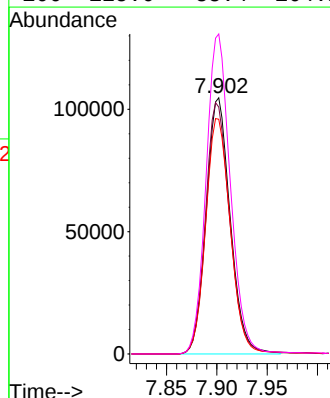
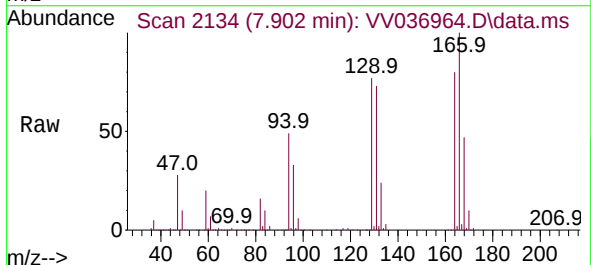
Ion	Ratio	Lower	Upper
97	100		
99	61.4	44.0	81.6
83	86.5	60.1	111.5
85	54.5	38.4	71.4

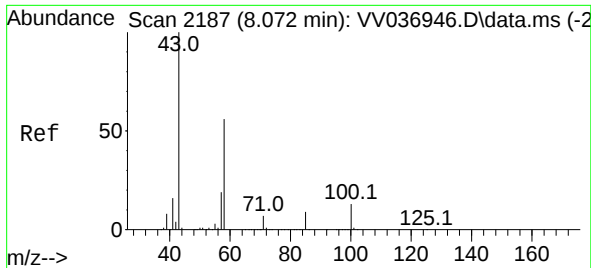


#46
Tetrachloroethene
Concen: 50.806 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV036964.D
Acq: 16 Aug 2024 18:33

Tgt Ion: 164 Resp: 174401

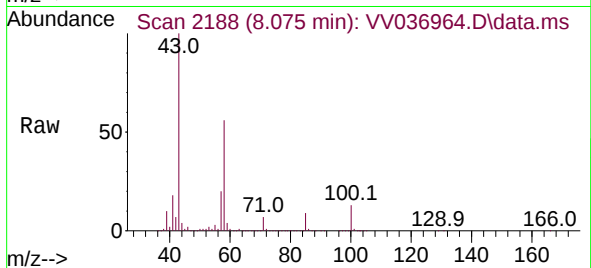
Ion	Ratio	Lower	Upper
164	100		
129	96.4	70.4	130.8
131	91.6	67.7	125.7
166	125.0	88.4	164.2



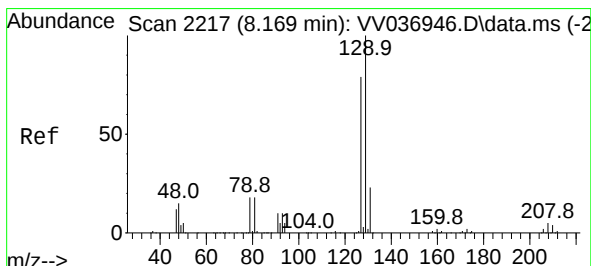
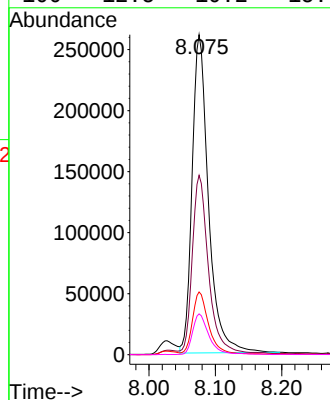
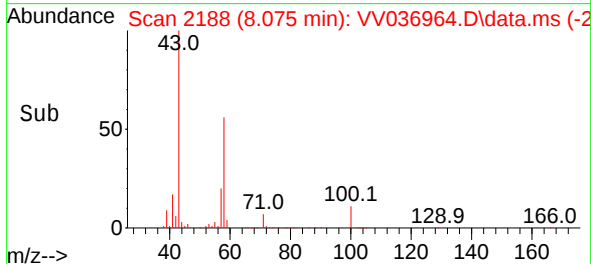


#48
2-Hexanone
Concen: 102.369 ug/L
RT: 8.075 min Scan# 2187
Delta R.T. 0.003 min
Lab File: VV036964.D
Acq: 16 Aug 2024 18:33

Instrument :
MSVOA_V
ClientSampleId :

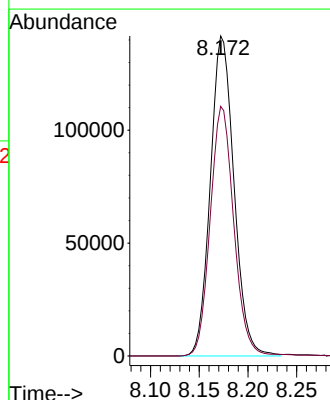
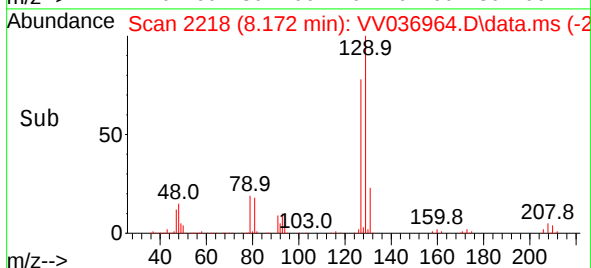
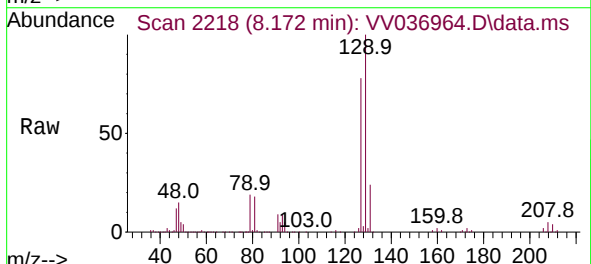


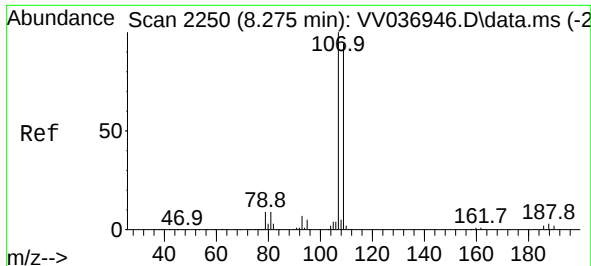
Tgt Ion: 43 Resp: 446260
Ion Ratio Lower Upper
43 100
58 54.7 44.7 67.1
57 19.1 15.0 22.4
100 12.5 10.2 15.4



#49
Dibromochloromethane
Concen: 50.386 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.003 min
Lab File: VV036964.D
Acq: 16 Aug 2024 18:33

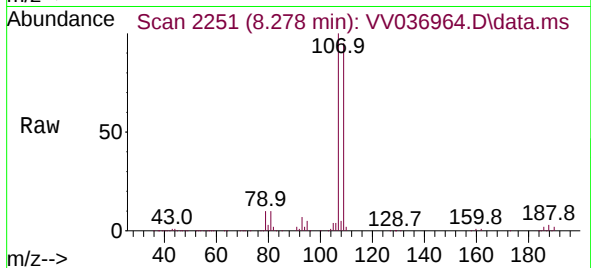
Tgt Ion:129 Resp: 239861
Ion Ratio Lower Upper
129 100
127 78.0 55.4 102.8



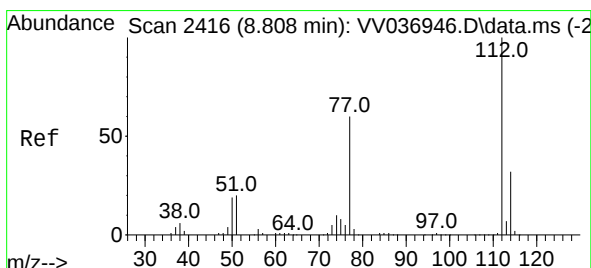
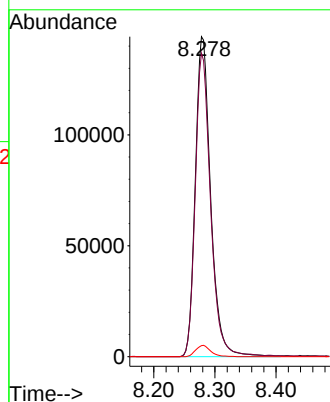
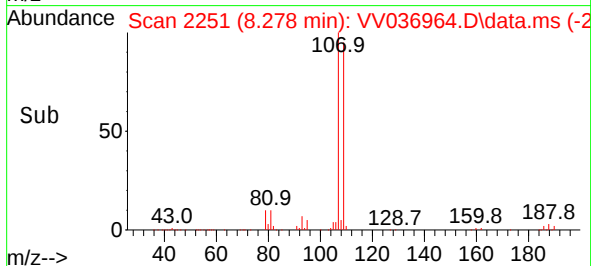


#50
1,2-Dibromoethane
Concen: 52.454 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV036964.D
Acq: 16 Aug 2024 18:33

Instrument :
MSVOA_V
ClientSampleId :

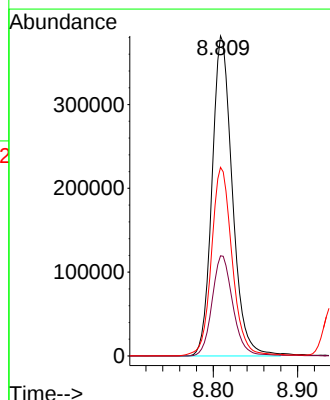
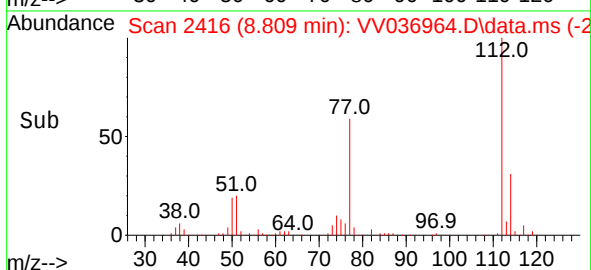
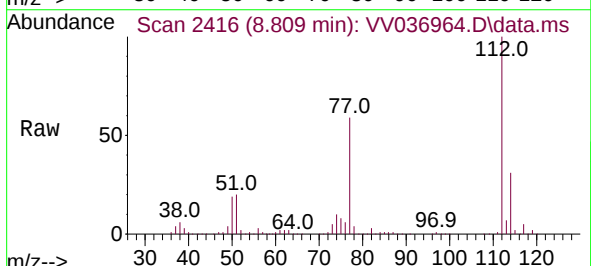


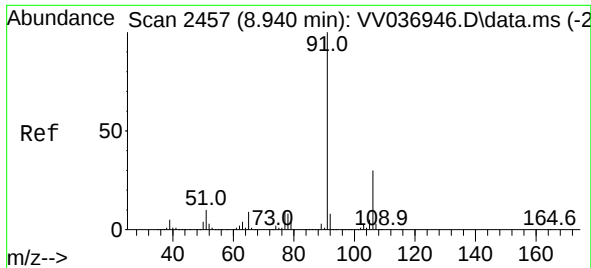
Tgt Ion:107 Resp: 252112
Ion Ratio Lower Upper
107 100
109 94.9 64.7 120.1
188 3.5 2.6 3.8



#51
Chlorobenzene
Concen: 51.792 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV036964.D
Acq: 16 Aug 2024 18:33

Tgt Ion:112 Resp: 639155
Ion Ratio Lower Upper
112 100
114 31.3 22.3 41.5
77 58.9 48.9 73.3





#52

Ethylbenzene

Concen: 50.617 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV036964.D

Acq: 16 Aug 2024 18:33

Instrument :

MSVOA_V

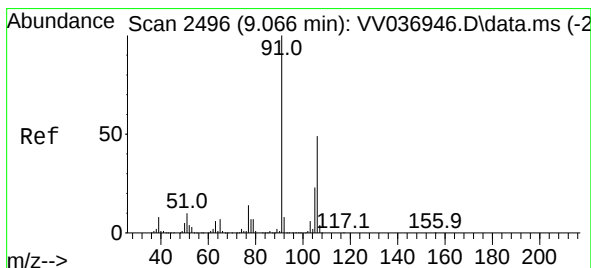
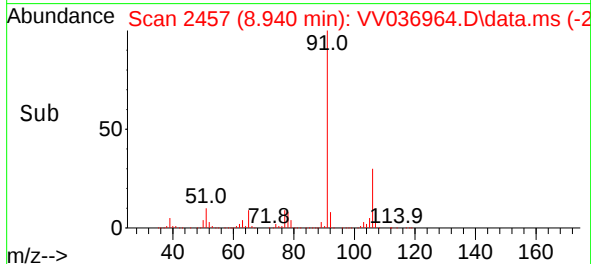
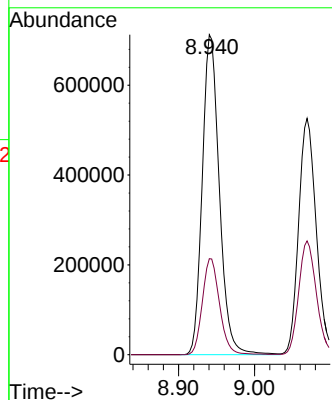
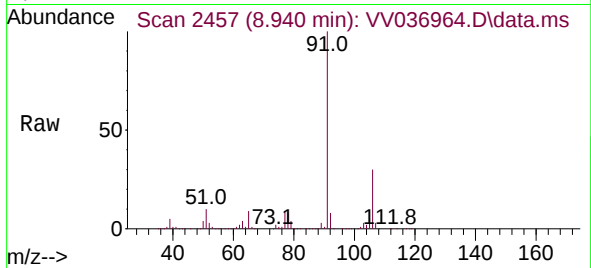
ClientSampleId :

Tgt Ion: 91 Resp: 1111591

Ion Ratio Lower Upper

91 100

106 30.0 21.1 39.1



#53

m,p-Xylene

Concen: 49.948 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.003 min

Lab File: VV036964.D

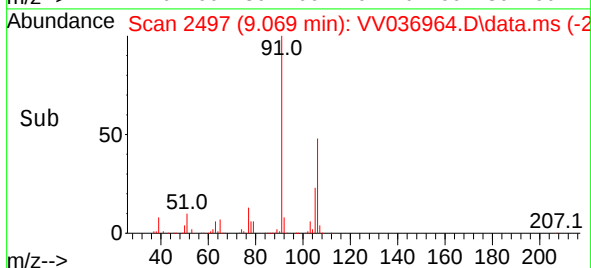
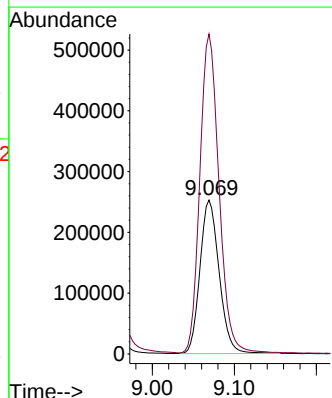
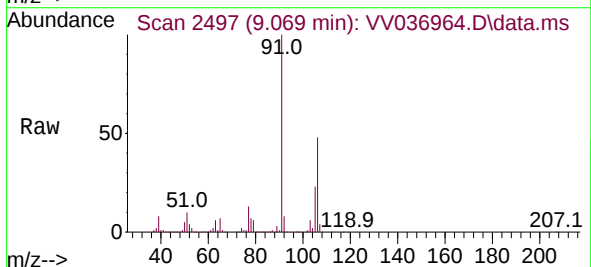
Acq: 16 Aug 2024 18:33

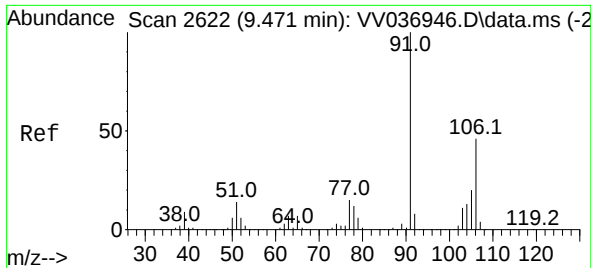
Tgt Ion:106 Resp: 410014

Ion Ratio Lower Upper

106 100

91 207.8 147.1 273.3

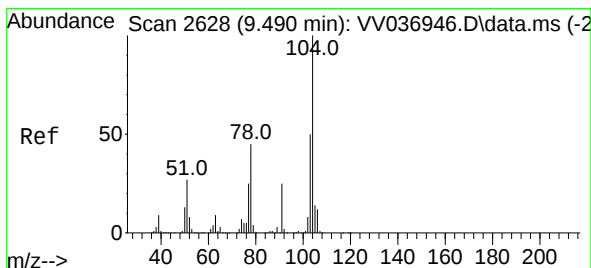
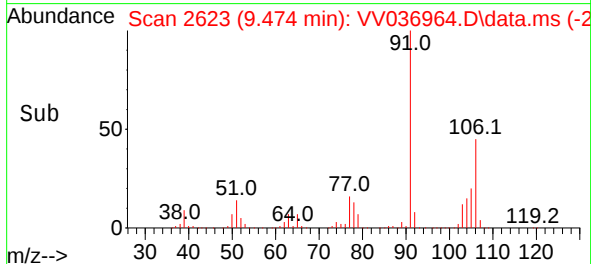
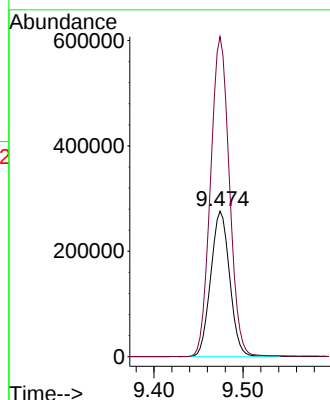
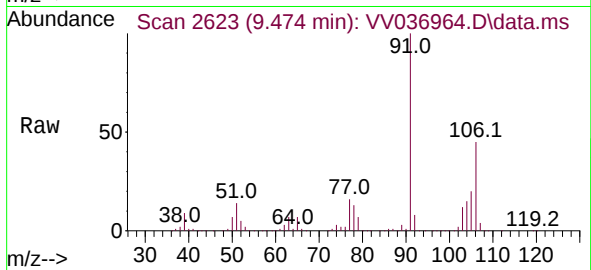




#54
o-Xylene
Concen: 50.649 ug/L
RT: 9.474 min Scan# 2622
Delta R.T. 0.003 min
Lab File: VV036964.D
Acq: 16 Aug 2024 18:33

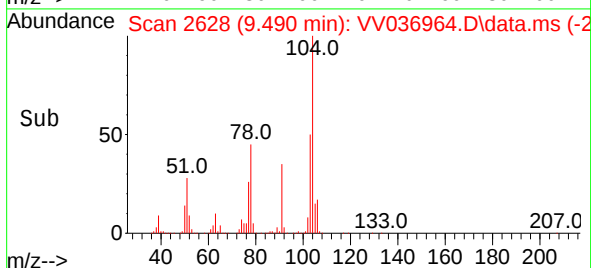
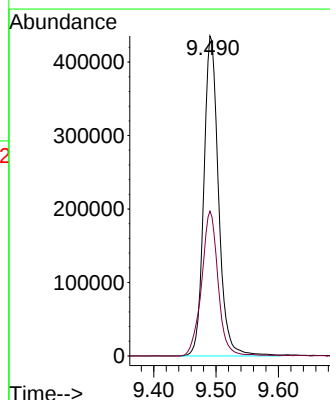
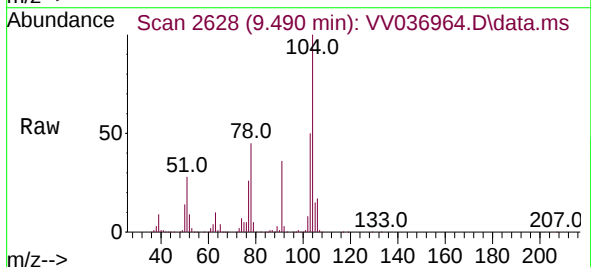
Instrument :
MSVOA_V
ClientSampleId :

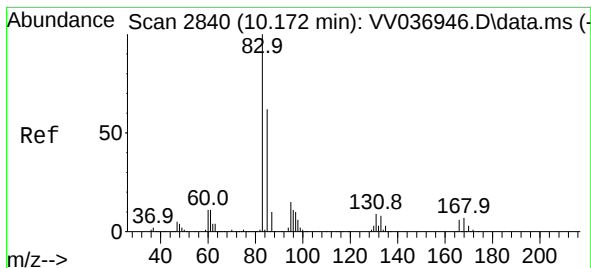
Tgt Ion:106 Resp: 406654
Ion Ratio Lower Upper
106 100
91 219.9 154.5 286.9



#55
Styrene
Concen: 52.063 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV036964.D
Acq: 16 Aug 2024 18:33

Tgt Ion:104 Resp: 716342
Ion Ratio Lower Upper
104 100
78 45.3 32.1 59.7





#57

1,1,2,2-Tetrachloroethane

Concen: 57.333 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.000 min

Lab File: VV036964.D

Acq: 16 Aug 2024 18:33

Instrument :

MSVOA_V

ClientSampleId :

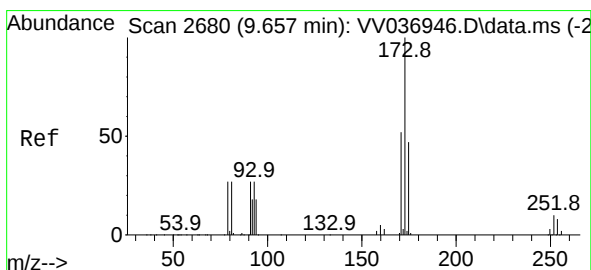
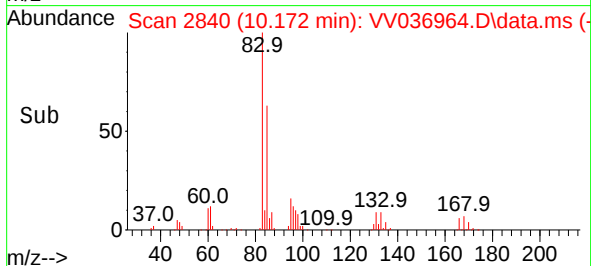
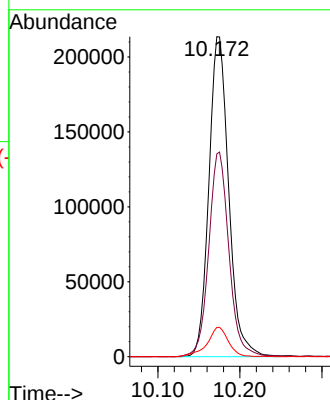
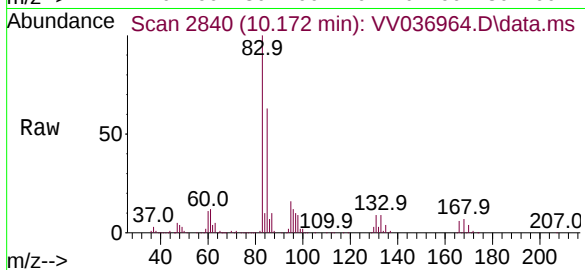
Tgt Ion: 83 Resp: 358370

Ion Ratio Lower Upper

83 100

85 63.4 44.7 83.1

131 9.2 7.2 10.8



#59

Bromoform

Concen: 45.618 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. 0.003 min

Lab File: VV036964.D

Acq: 16 Aug 2024 18:33

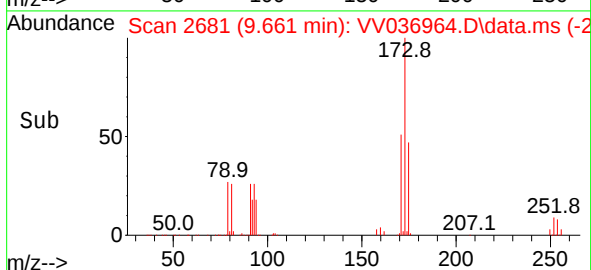
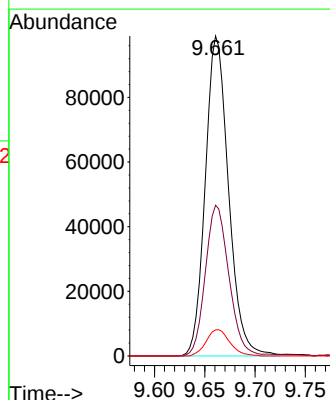
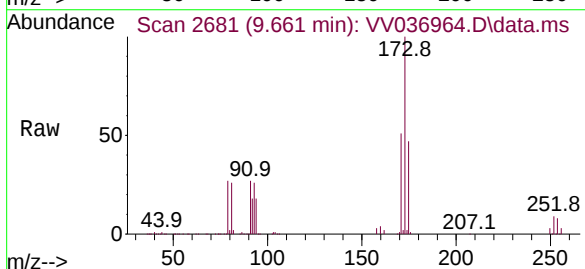
Tgt Ion: 173 Resp: 159360

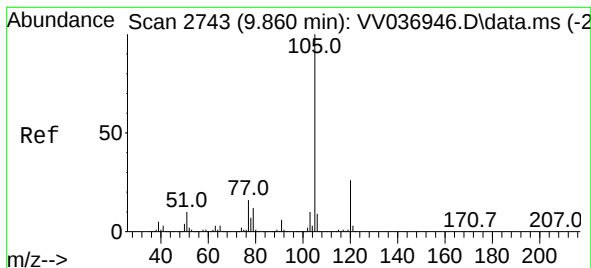
Ion Ratio Lower Upper

173 100

175 47.6 39.8 59.8

254 8.4 6.8 10.2





#60

Isopropylbenzene

Concen: 48.379 ug/L

RT: 9.863 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV036964.D

Acq: 16 Aug 2024 18:33

Instrument :

MSVOA_V

ClientSampleId :

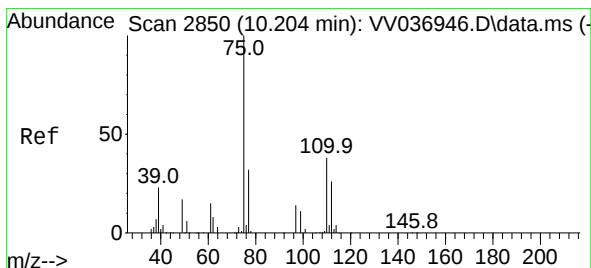
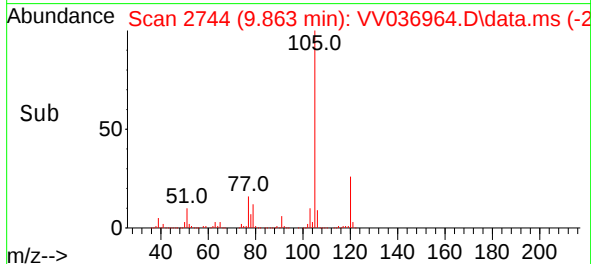
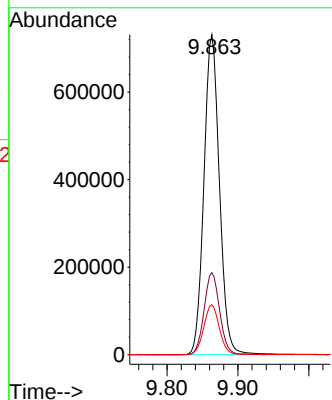
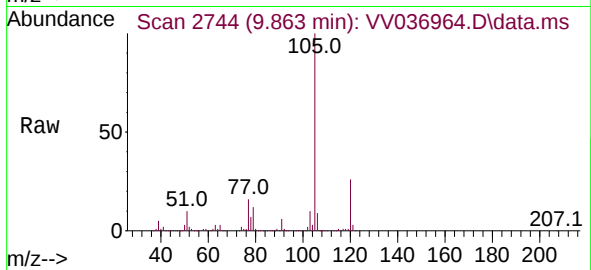
Tgt Ion:105 Resp: 1112194

Ion Ratio Lower Upper

105 100

120 25.7 20.3 30.5

77 15.6 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 49.571 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. 0.000 min

Lab File: VV036964.D

Acq: 16 Aug 2024 18:33

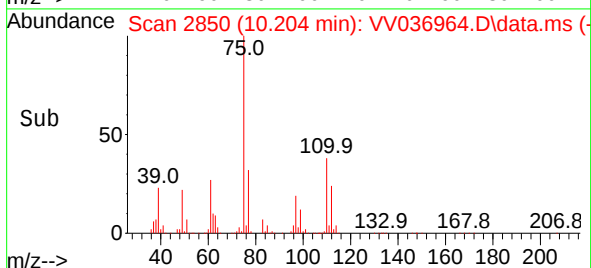
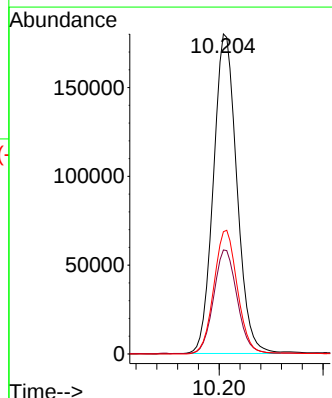
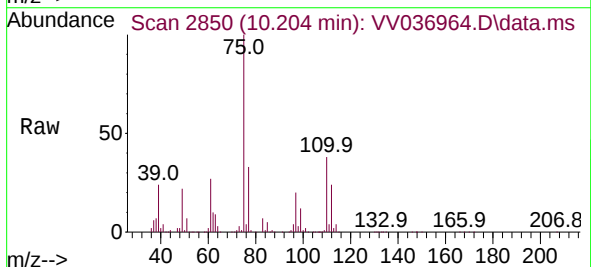
Tgt Ion: 75 Resp: 281782

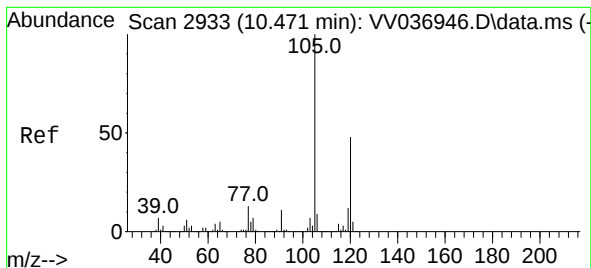
Ion Ratio Lower Upper

75 100

77 32.4 26.2 39.2

110 38.9 31.3 46.9





#62

1,3,5-Trimethylbenzene

Concen: 47.369 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.000 min

Lab File: VV036964.D

Acq: 16 Aug 2024 18:33

Instrument :

MSVOA_V

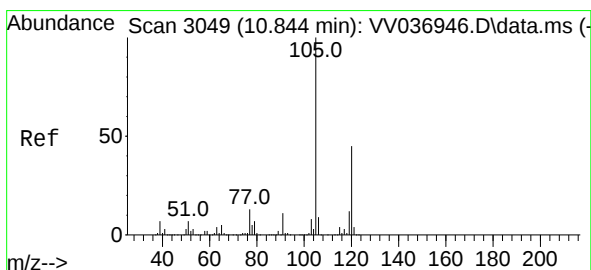
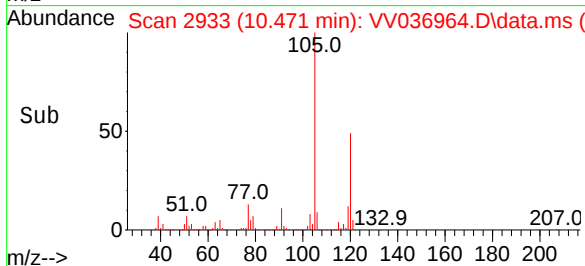
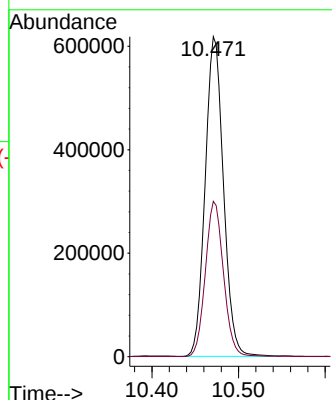
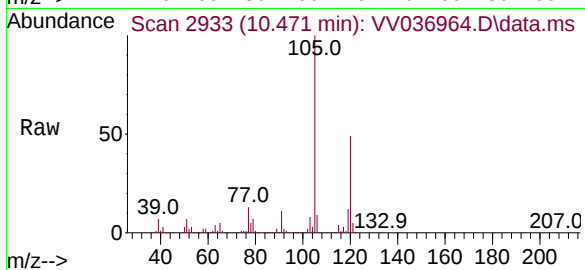
ClientSampleId :

Tgt Ion:105 Resp: 906606

Ion Ratio Lower Upper

105 100

120 48.1 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 47.473 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VV036964.D

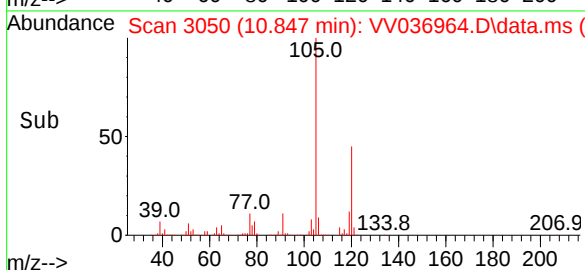
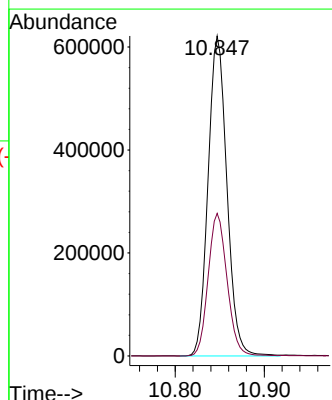
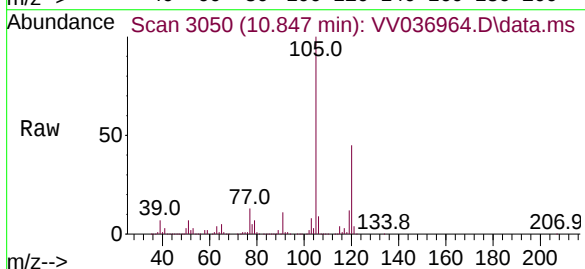
Acq: 16 Aug 2024 18:33

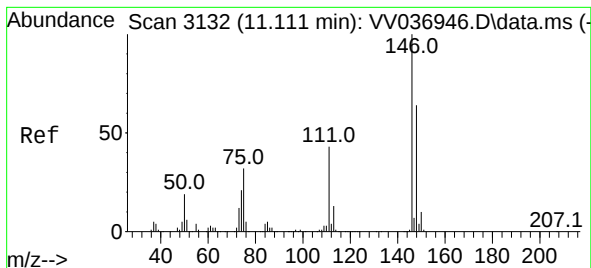
Tgt Ion:105 Resp: 909545

Ion Ratio Lower Upper

105 100

120 44.8 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 50.025 ug/L

RT: 11.114 min Scan# 3132

Delta R.T. 0.003 min

Lab File: VV036964.D

Acq: 16 Aug 2024 18:33

Instrument :

MSVOA_V

ClientSampleId :

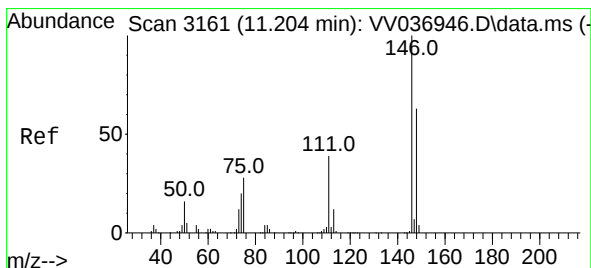
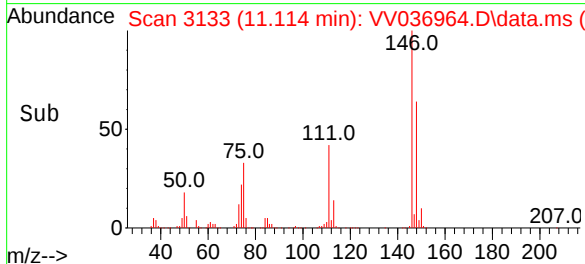
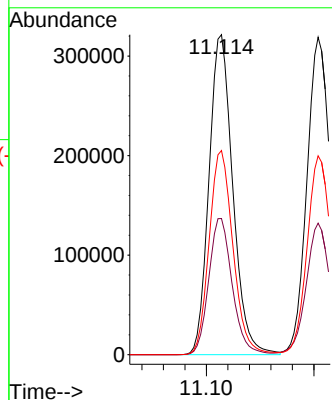
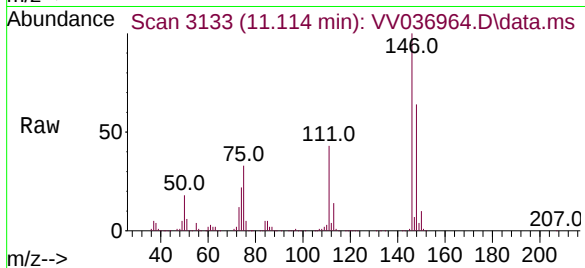
Tgt Ion:146 Resp: 494544

Ion Ratio Lower Upper

146 100

111 42.5 29.8 55.4

148 63.8 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 50.256 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV036964.D

Acq: 16 Aug 2024 18:33

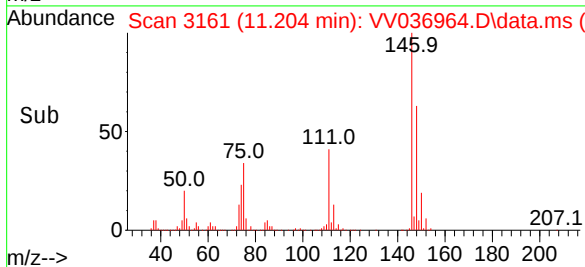
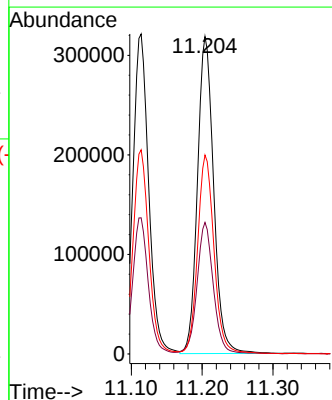
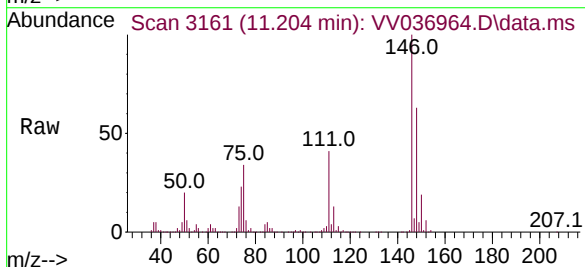
Tgt Ion:146 Resp: 505222

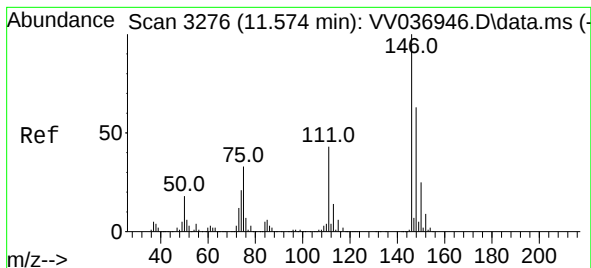
Ion Ratio Lower Upper

146 100

111 41.4 29.0 53.9

148 62.6 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 50.890 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.000 min

Lab File: VV036964.D

Acq: 16 Aug 2024 18:33

Instrument :

MSVOA_V

ClientSampleId :

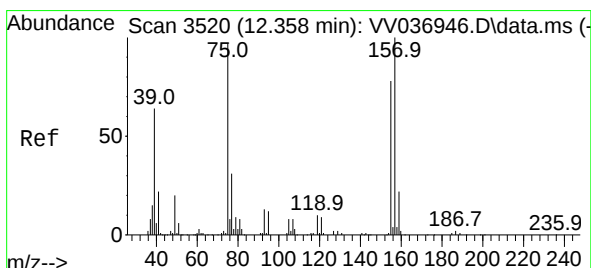
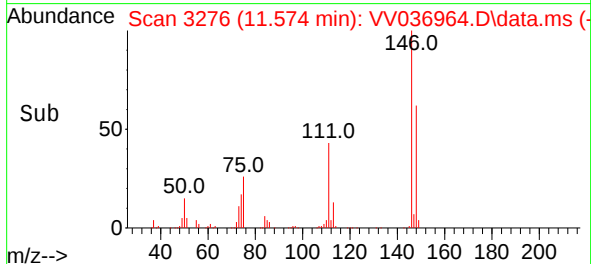
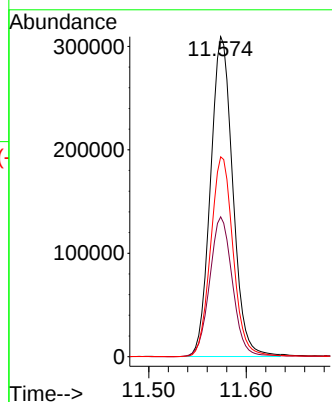
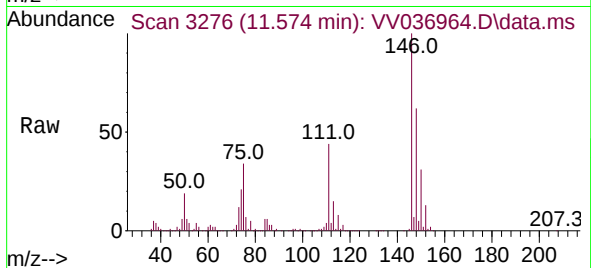
Tgt Ion:146 Resp: 491343

Ion Ratio Lower Upper

146 100

111 43.7 35.7 53.5

148 62.5 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 44.496 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.003 min

Lab File: VV036964.D

Acq: 16 Aug 2024 18:33

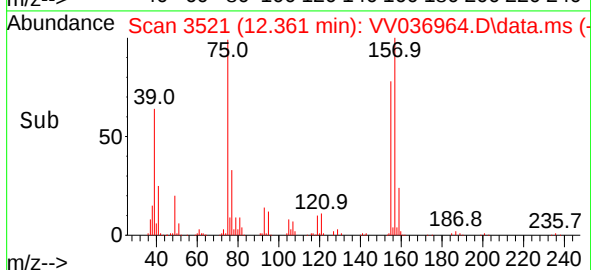
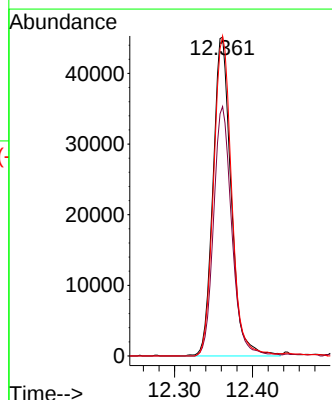
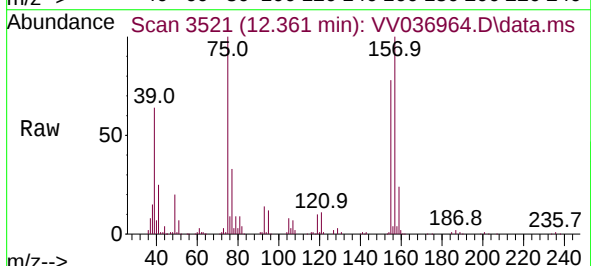
Tgt Ion: 75 Resp: 73092

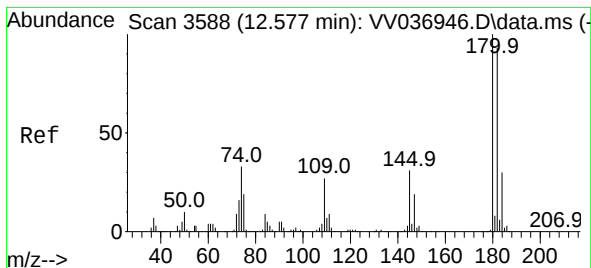
Ion Ratio Lower Upper

75 100

155 78.2 59.5 89.3

157 100.3 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 48.334 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

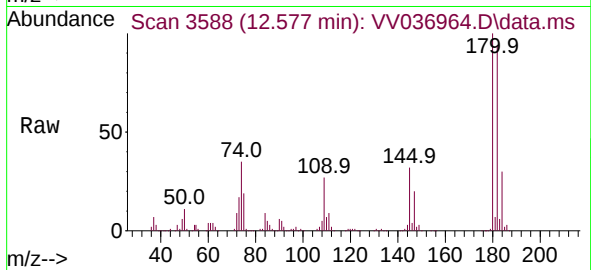
Lab File: VV036964.D

Acq: 16 Aug 2024 18:33

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 339088

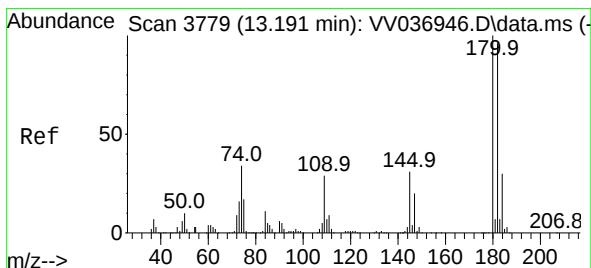
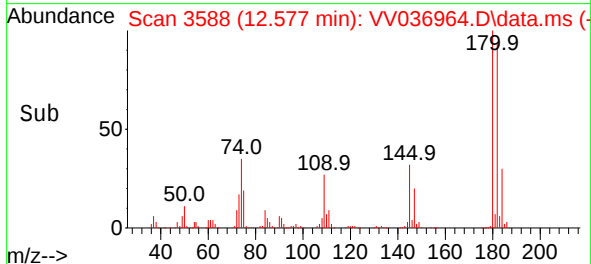
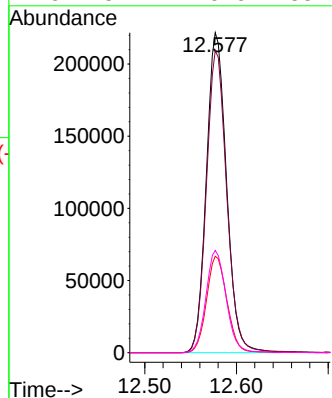
Ion Ratio Lower Upper

180 100

182 95.3 75.0 112.6

184 30.4 23.7 35.5

145 32.1 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 48.020 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.003 min

Lab File: VV036964.D

Acq: 16 Aug 2024 18:33

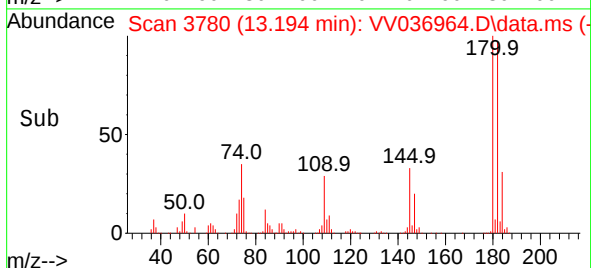
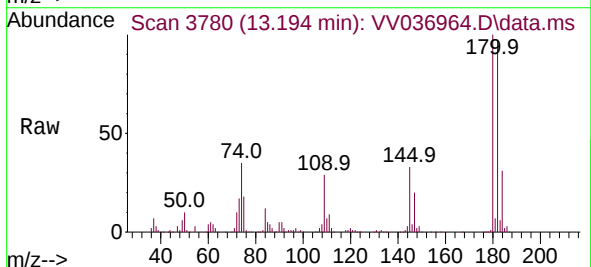
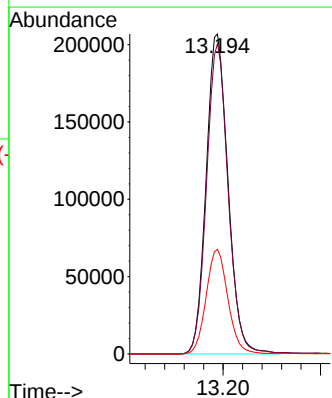
Tgt Ion:180 Resp: 323102

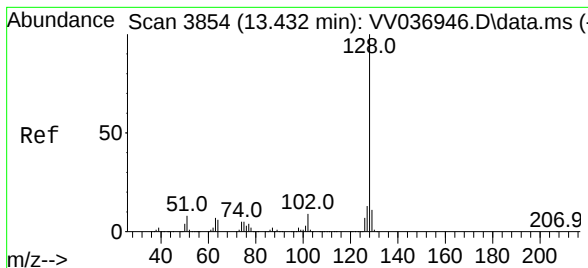
Ion Ratio Lower Upper

180 100

182 95.5 75.1 112.7

145 32.4 26.5 39.7





#71

Naphthalene

Concen: 49.102 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV036964.D

Acq: 16 Aug 2024 18:33

Instrument :

MSVOA_V

ClientSampleId :

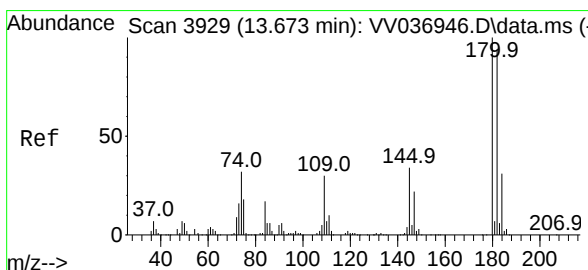
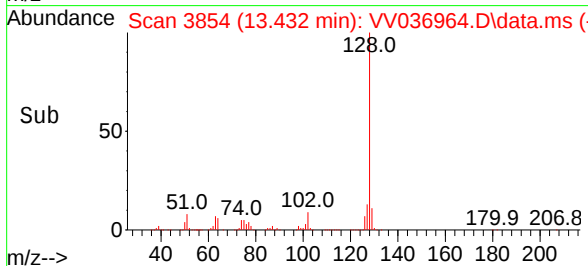
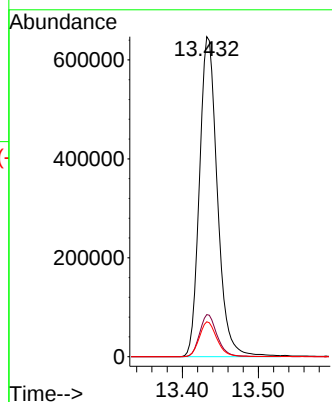
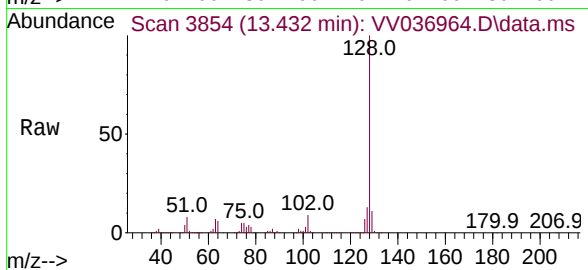
Tgt Ion:128 Resp: 1059464

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: 49.369 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV036964.D

Acq: 16 Aug 2024 18:33

Tgt Ion:180 Resp: 325164

Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.2

145 34.8 27.8 41.6

