

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080624\
 Data File : VV036823.D
 Acq On : 06 Aug 2024 19:02
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 07 05:06:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 07 04:57:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	478428	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	440419	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	215571	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	154062	40.317	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.640%
7) Chloroethane-d5	1.529	69	127923	42.451	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.900%
11) 1,1-Dichloroethene-d2	2.056	65	66802	40.869	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.740%
21) 2-Butanone-d5	3.796	46	174794	86.334	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.330%
24) Chloroform-d	4.243	84	306402	44.682	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.360%
26) 1,2-Dichloroethane-d4	4.937	65	200295	45.429	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.860%
32) Benzene-d6	4.953	84	606609	45.602	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	5.986	67	197472	46.014	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.020%
41) Toluene-d8	7.239	98	536846	43.995	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	7.551	79	93268	41.760	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.520%
47) 2-Hexanone-d5	8.024	63	123135	99.791	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.790%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	237717	48.243	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.480%
66) 1,2-Dichlorobenzene-d4	11.554	152	198203	45.120	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	173960	45.602	ug/L	99
3) Chloromethane	1.217	50	192778	48.288	ug/L	100
5) Vinyl chloride	1.282	62	190893	46.561	ug/L	99
6) Bromomethane	1.484	94	118160	45.776	ug/L	98
8) Chloroethane	1.545	64	118059	46.489	ug/L	98
9) Trichlorofluoromethane	1.709	101	231482	43.105	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	129084	40.793	ug/L	99
12) 1,1-Dichloroethene	2.066	96	133498	44.173	ug/L	96
13) Acetone	2.111	43	125095	73.848	ug/L	99
14) Carbon disulfide	2.236	76	394462	41.551	ug/L	99
15) Methyl Acetate	2.372	43	160660	46.039	ug/L	97
16) Methylene chloride	2.442	84	155803	45.857	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	140724	44.953	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	511576	46.400	ug/L	99
19) 1,1-Dichloroethane	3.105	63	292075	46.181	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	168977	45.989	ug/L	98
22) 2-Butanone	3.876	43	191484	84.380	ug/L	97
23) Bromochloromethane	4.140	128	83734	46.915	ug/L	95
25) Chloroform	4.272	83	300915	46.323	ug/L	98

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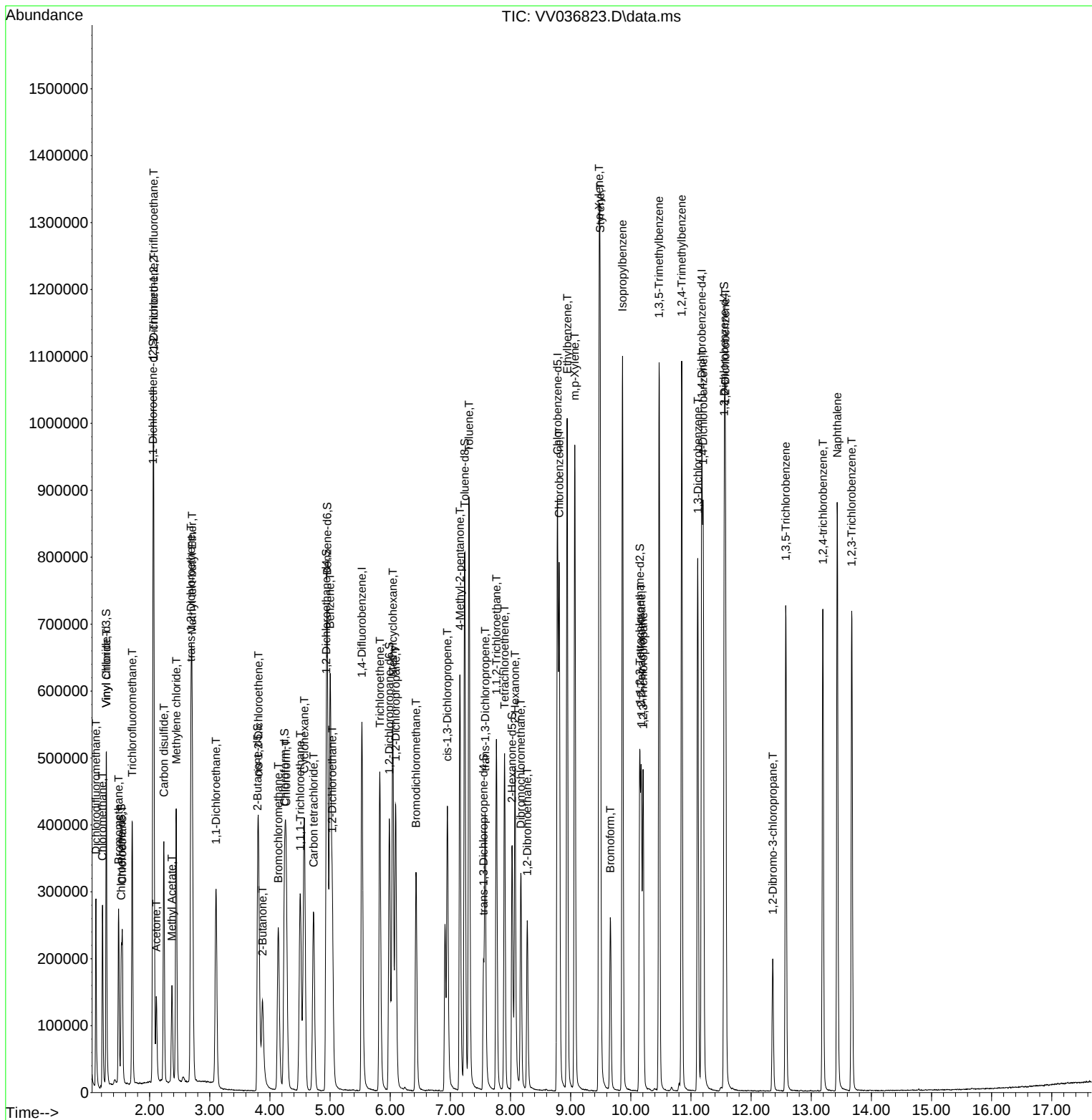
Instrument :
 MSVOA_V
 ClientSampleId :

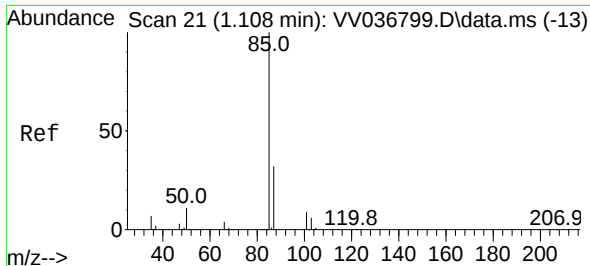
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	234236	45.713	ug/L	100
29) Cyclohexane	4.571	56	237216	42.273	ug/L	98
30) 1,1,1-Trichloroethane	4.506	97	245764	44.292	ug/L	100
31) Carbon tetrachloride	4.725	117	201542	43.250	ug/L	100
33) Benzene	5.002	78	629575	47.793	ug/L	100
34) Trichloroethene	5.828	95	169729	44.458	ug/L	97
35) Methylcyclohexane	6.043	83	240215	41.004	ug/L	98
37) 1,2-Dichloropropane	6.092	63	172283	49.370	ug/L	100
38) Bromodichloromethane	6.429	83	219821	45.744	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	260523	43.592	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	407127	94.181	ug/L	98
42) Toluene	7.310	91	644276	45.918	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	242870	43.610	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	160925	47.619	ug/L	99
46) Tetrachloroethene	7.902	164	106611	42.573	ug/L	99
48) 2-Hexanone	8.075	43	298663	93.914	ug/L	98
49) Dibromochloromethane	8.172	129	161944	46.632	ug/L	100
50) 1,2-Dibromoethane	8.278	107	168753	48.129	ug/L	98
51) Chlorobenzene	8.809	112	405356	45.026	ug/L	100
52) Ethylbenzene	8.944	91	715112	44.637	ug/L	98
53) m,p-Xylene	9.069	106	261190	43.616	ug/L	99
54) o-Xylene	9.474	106	264583	45.173	ug/L	100
55) Styrene	9.490	104	460944	45.923	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	226909	49.761	ug/L	100
59) Bromoform	9.661	173	109328	45.843	ug/L	98
60) Isopropylbenzene	9.863	105	688755	43.886	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	187397	48.290	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	571988	43.777	ug/L	98
63) 1,2,4-Trimethylbenzene	10.847	105	584944	44.722	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	307731	45.597	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	308412	44.939	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	306530	46.506	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	49332	43.991	ug/L	96
69) 1,3,5-Trichlorobenzene	12.577	180	207548	43.335	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	203004	44.194	ug/L	100
71) Naphthalene	13.432	128	664643	45.122	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	200083	44.499	ug/L	100

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

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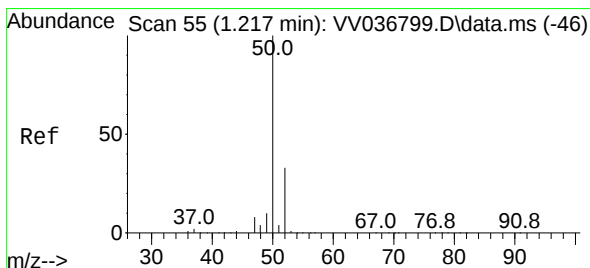
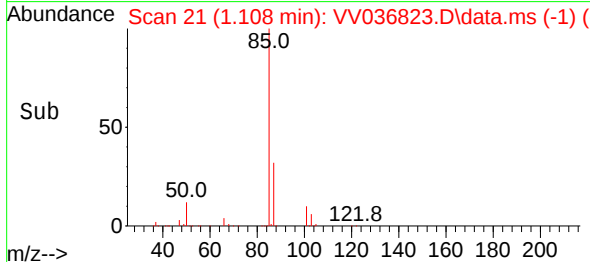
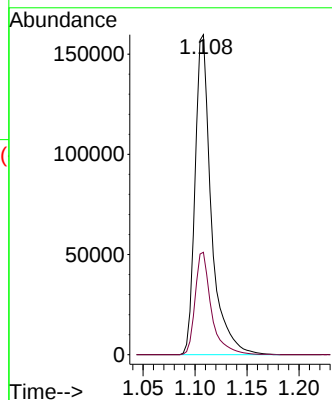
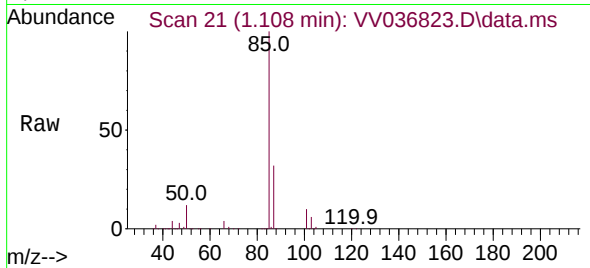




#2
 Dichlorodifluoromethane
 Concen: 45.602 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV036823.D
 Acq: 06 Aug 2024 19:02

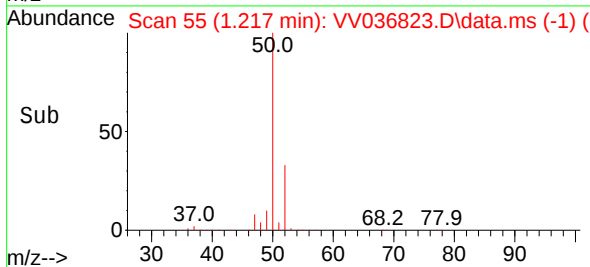
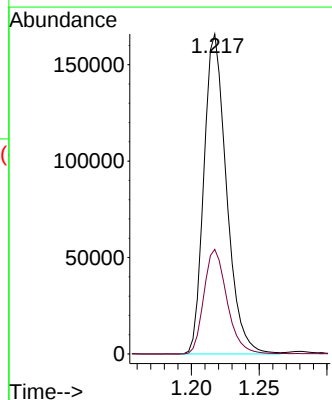
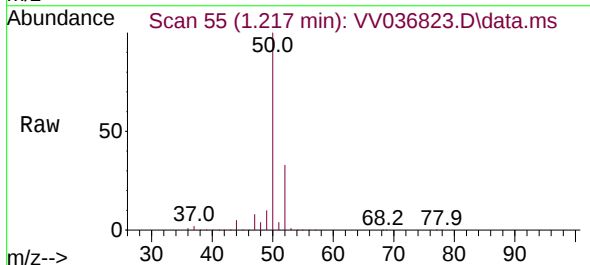
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 MSVOA_V
 ClientSampleId :

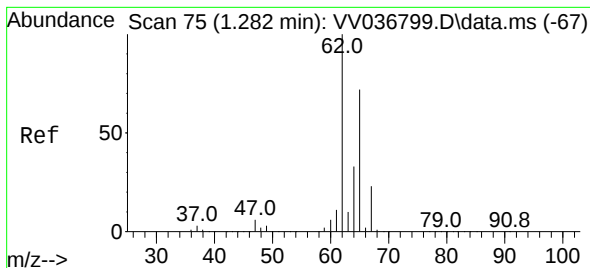
Tgt Ion: 85 Resp: 173960
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.9 38.9



#3
 Chloromethane
 Concen: 48.288 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV036823.D
 Acq: 06 Aug 2024 19:02

Tgt Ion: 50 Resp: 192778
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.0 42.8





#5

Vinyl chloride

Concen: 46.561 ug/L

RT: 1.282 min Scan# 75

Delta R.T. -0.000 min MSVOA_V

Lab File: VV036823.D

Acq: 06 Aug 2024 19:02

Instrument :

MSVOA_V

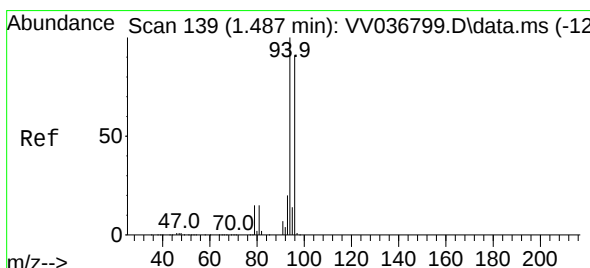
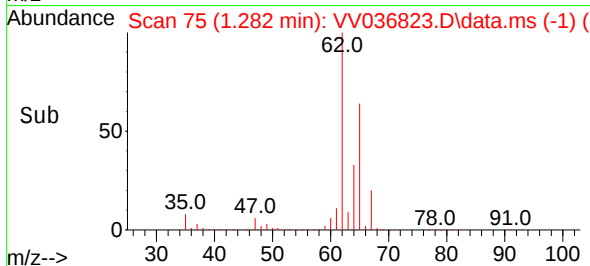
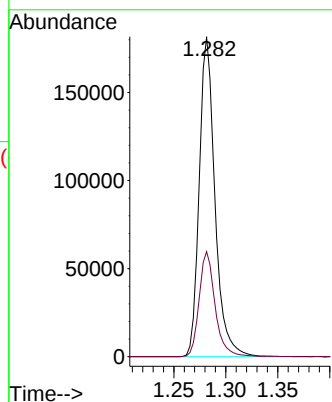
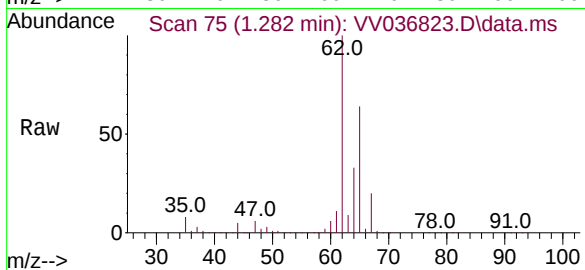
ClientSampleId :

Tgt Ion: 62 Resp: 190893

Ion Ratio Lower Upper

62 100

64 32.9 23.6 43.8



#6

Bromomethane

Concen: 45.776 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.003 min

Lab File: VV036823.D

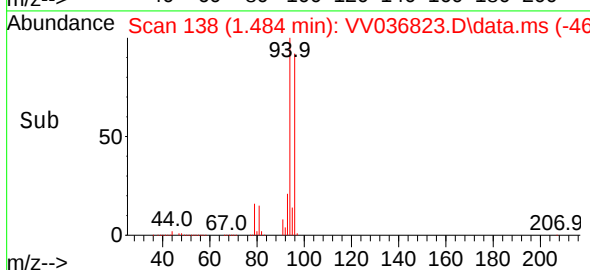
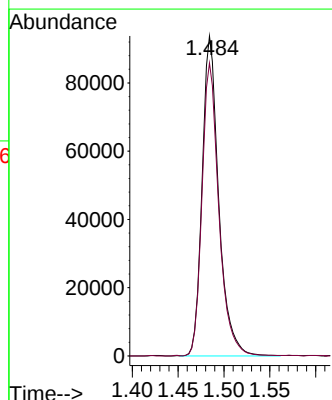
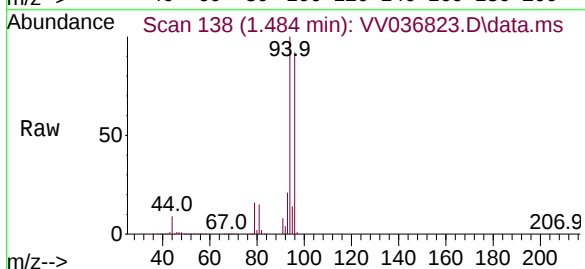
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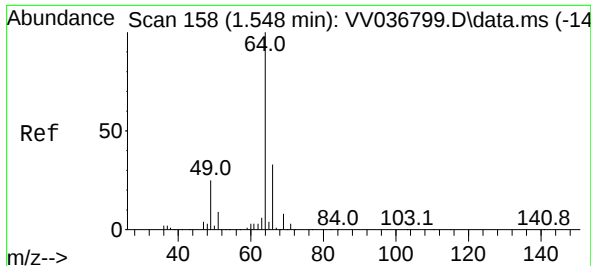
Tgt Ion: 94 Resp: 118160

Ion Ratio Lower Upper

94 100

96 91.5 65.5 121.7

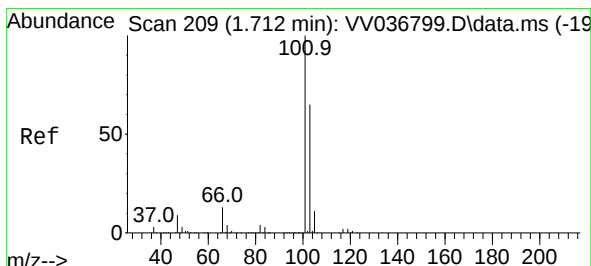
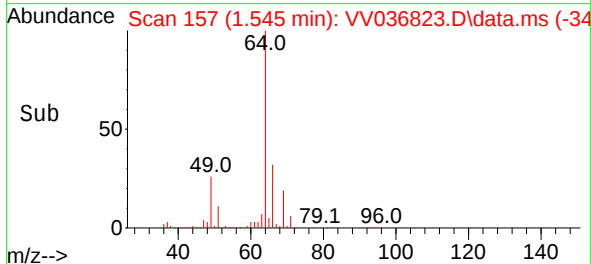
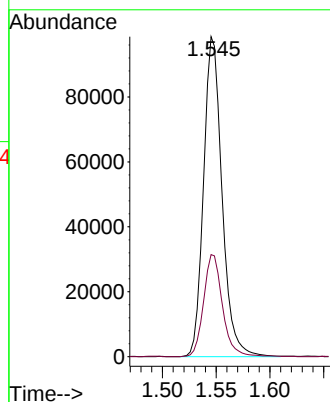
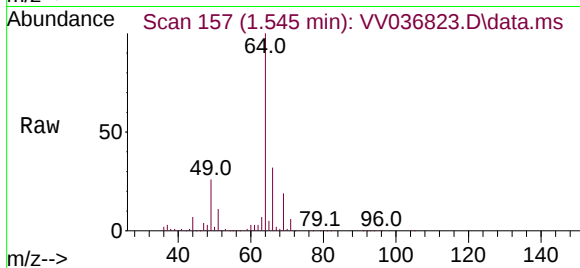




#8
Chloroethane
Concen: 46.489 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV036823.D
Acq: 06 Aug 2024 19:02

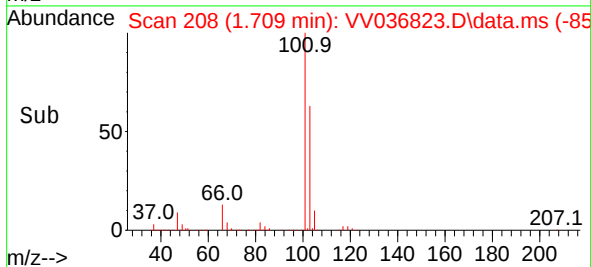
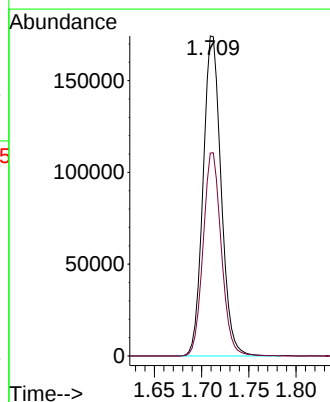
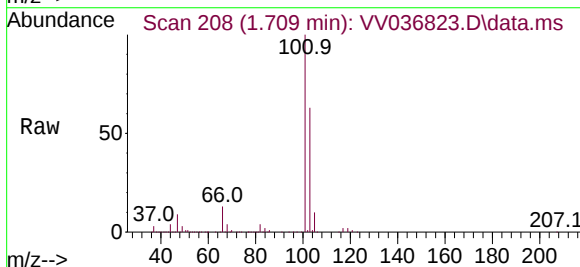
Instrument :
MSVOA_V
ClientSampleId :

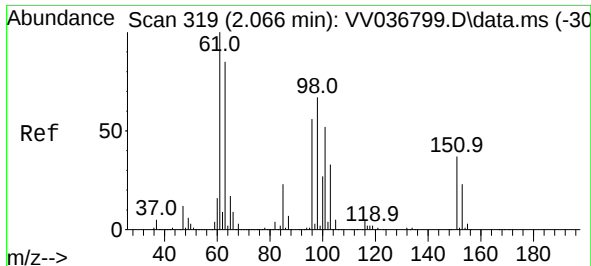
Tgt Ion: 64 Resp: 118059
Ion Ratio Lower Upper
64 100
66 31.9 23.2 43.0



#9
Trichlorofluoromethane
Concen: 43.105 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV036823.D
Acq: 06 Aug 2024 19:02

Tgt Ion:101 Resp: 231482
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.0

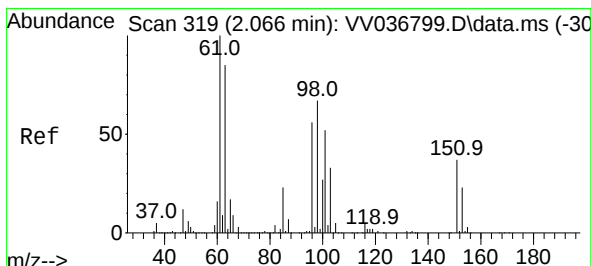
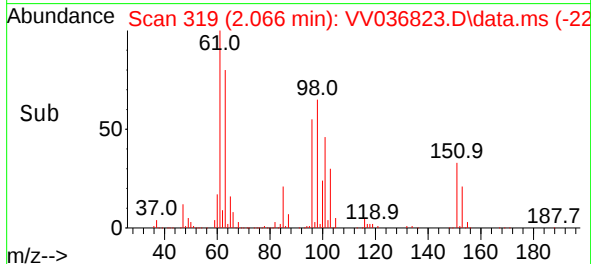
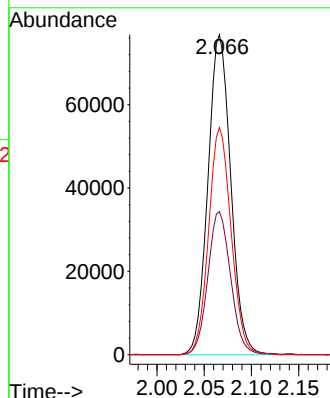
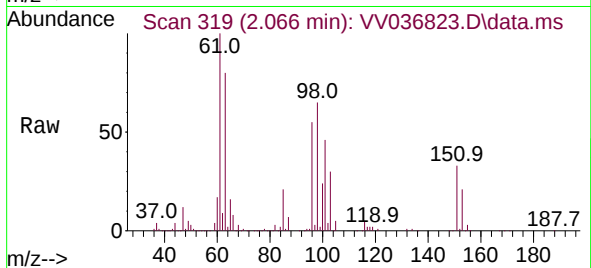




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 40.793 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: VV036823.D
 Acq: 06 Aug 2024 19:02

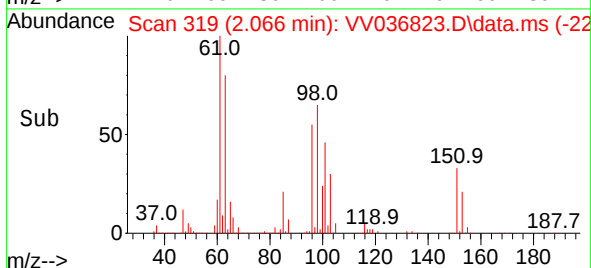
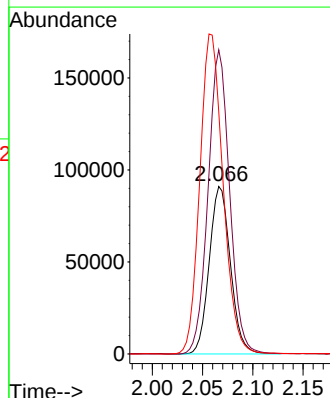
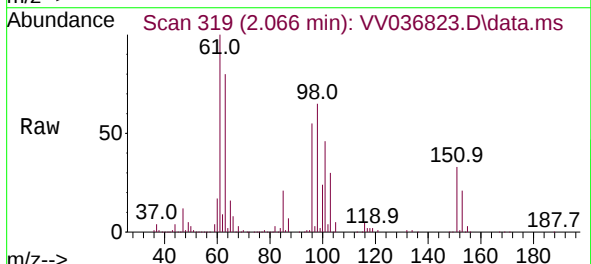
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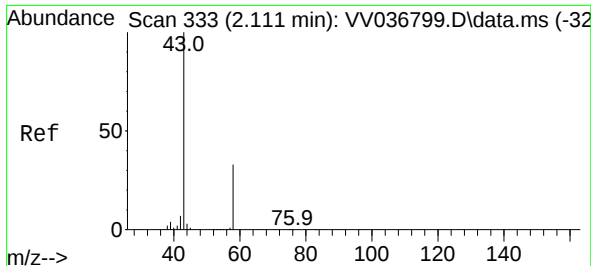
Tgt Ion:101 Resp: 129084
 Ion Ratio Lower Upper
 101 100
 85 44.5 34.6 51.8
 151 70.0 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 44.173 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: VV036823.D
 Acq: 06 Aug 2024 19:02

Tgt Ion: 96 Resp: 133498
 Ion Ratio Lower Upper
 96 100
 61 181.5 125.6 233.2
 63 144.5 95.1 176.7





#13

Acetone

Concen: 73.848 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV036823.D

Acq: 06 Aug 2024 19:02

Instrument :

MSVOA_V

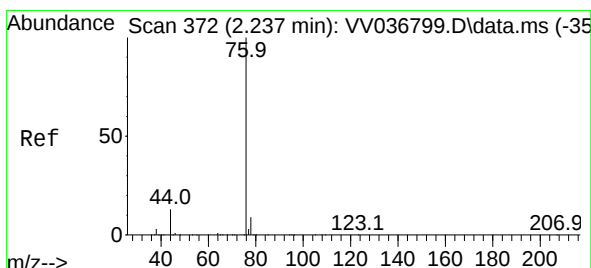
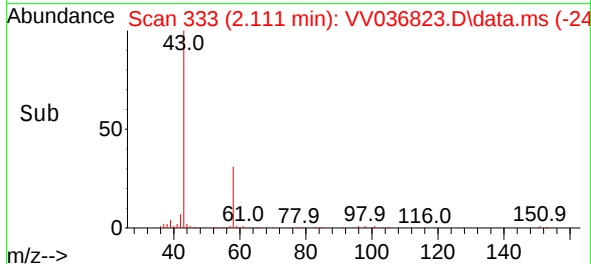
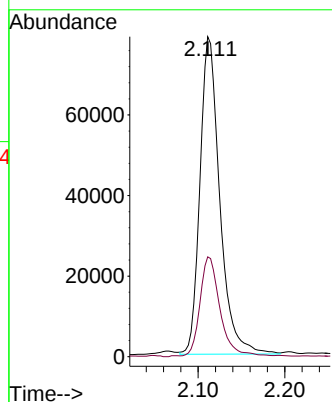
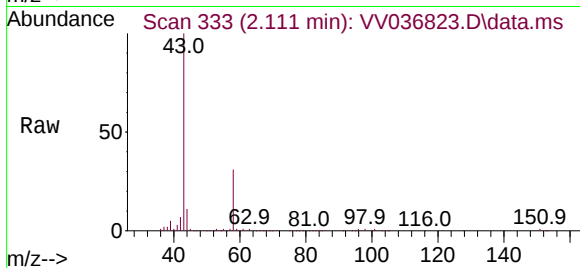
ClientSampleId :

Tgt Ion: 43 Resp: 125095

Ion Ratio Lower Upper

43 100

58 31.2 0.0 63.4



#14

Carbon disulfide

Concen: 41.551 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.000 min

Lab File: VV036823.D

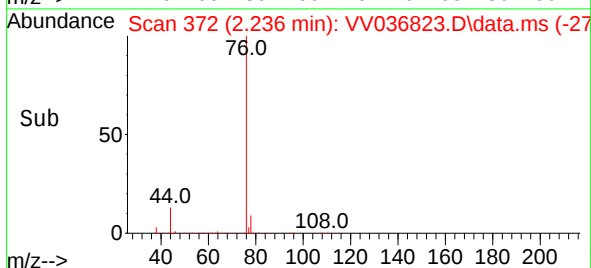
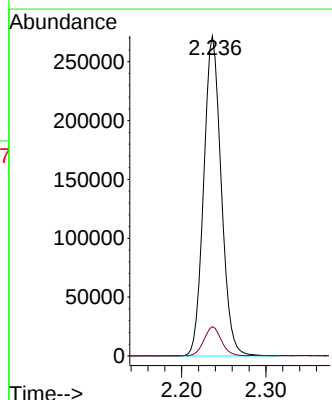
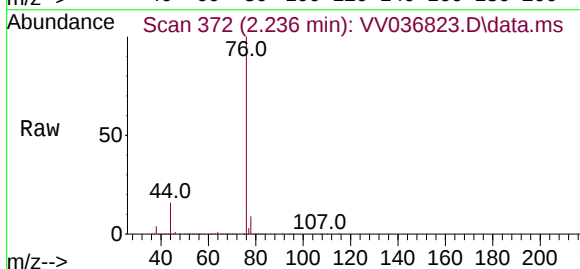
Acq: 06 Aug 2024 19:02

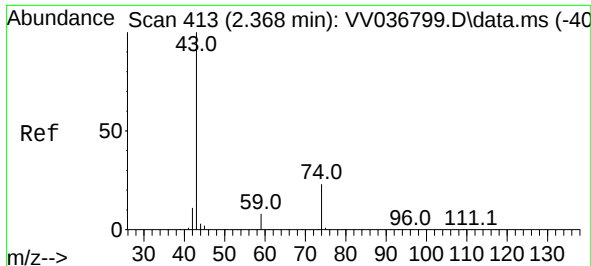
Tgt Ion: 76 Resp: 394462

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7





#15

Methyl Acetate

Concen: 46.039 ug/L

RT: 2.372 min Scan# 413

Delta R.T. 0.003 min

Lab File: VV036823.D

Acq: 06 Aug 2024 19:02

Instrument :

MSVOA_V

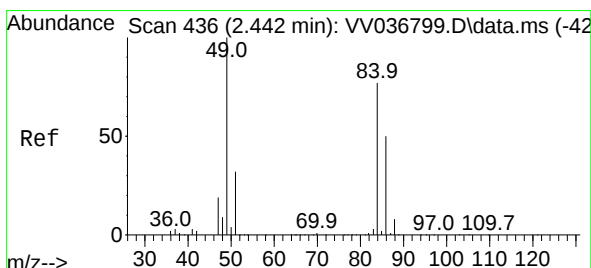
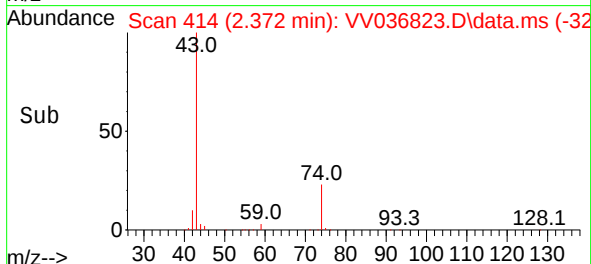
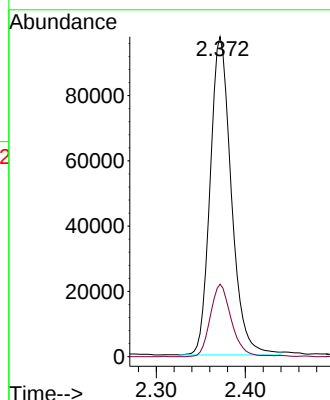
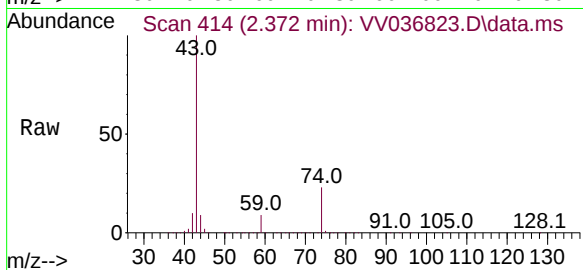
ClientSampleId :

Tgt Ion: 43 Resp: 160660

Ion Ratio Lower Upper

43 100

74 22.4 19.0 28.4



#16

Methylene chloride

Concen: 45.857 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV036823.D

Acq: 06 Aug 2024 19:02

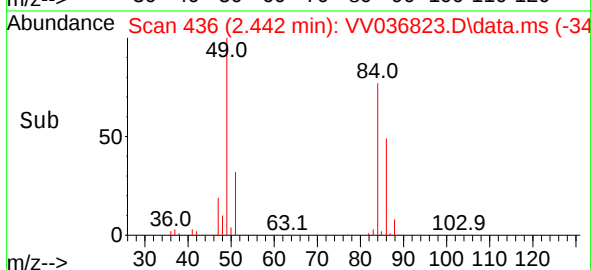
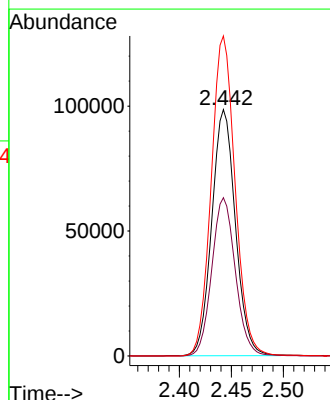
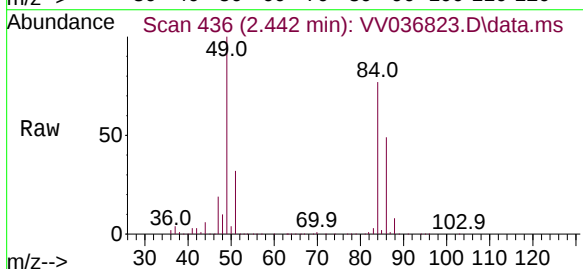
Tgt Ion: 84 Resp: 155803

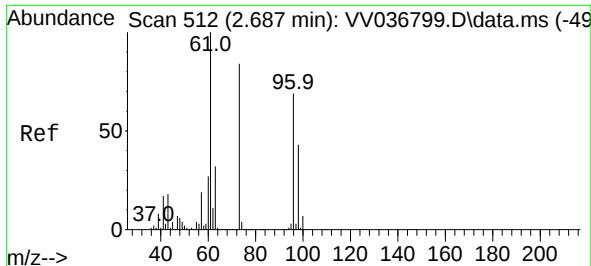
Ion Ratio Lower Upper

84 100

86 64.2 44.3 82.3

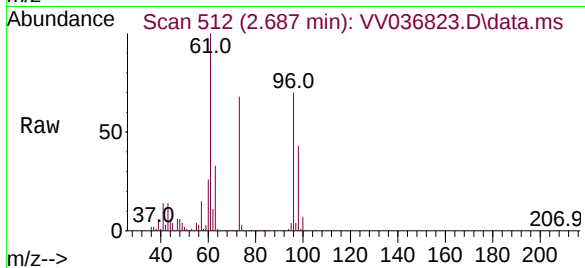
49 129.9 91.1 169.1





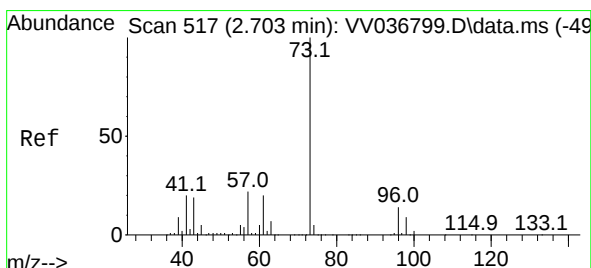
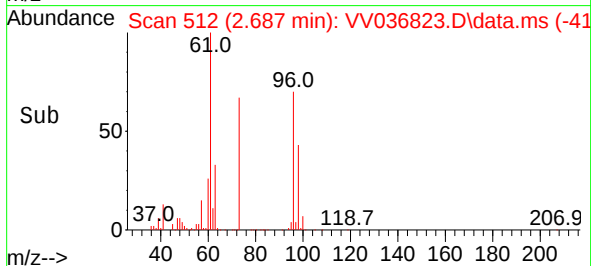
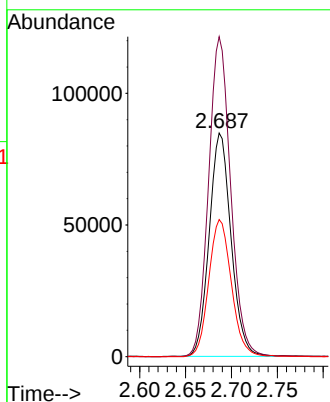
#17
trans-1,2-Dichloroethene
Concen: 44.953 ug/L
RT: 2.687 min Scan# 512
Delta R.T. -0.000 min
Lab File: VV036823.D
Acq: 06 Aug 2024 19:02

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 140724

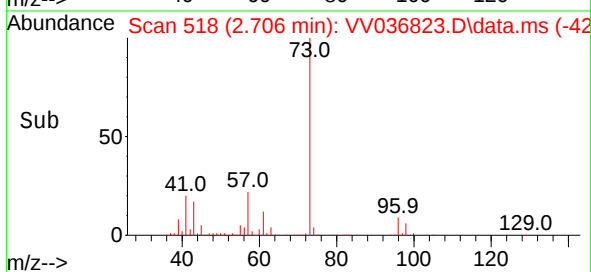
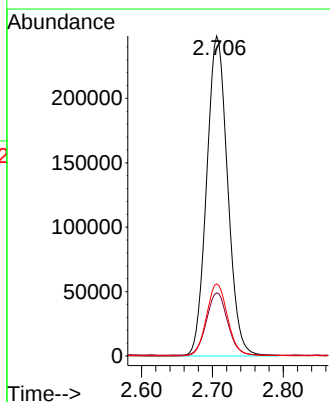
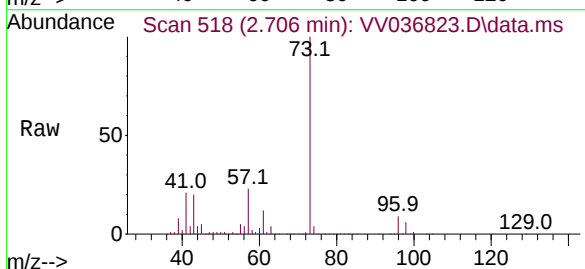
Ion	Ratio	Lower	Upper
96	100		
61	143.0	100.0	185.8
98	61.3	44.0	81.8

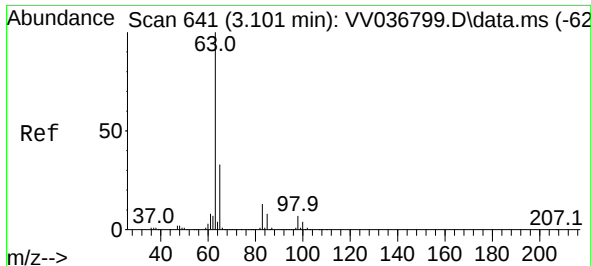


#18
Methyl tert-butyl Ether
Concen: 46.400 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV036823.D
Acq: 06 Aug 2024 19:02

Tgt Ion: 73 Resp: 511576

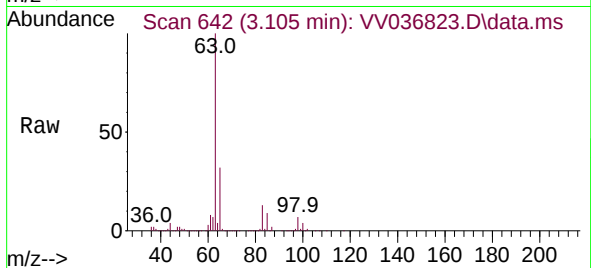
Ion	Ratio	Lower	Upper
73	100		
43	19.4	16.1	24.1
57	22.4	17.9	26.9



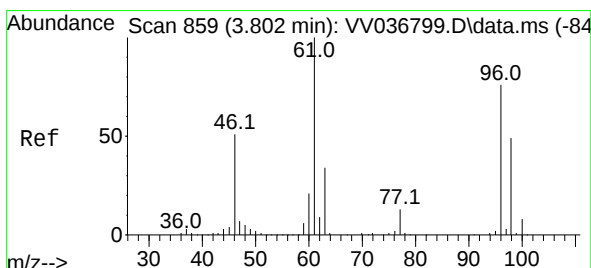
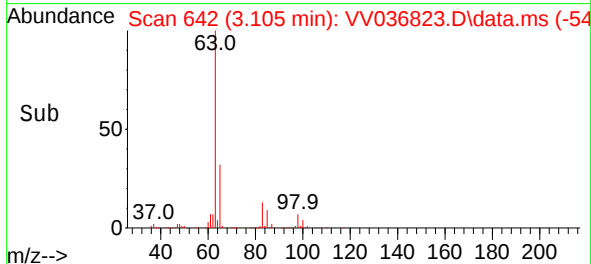
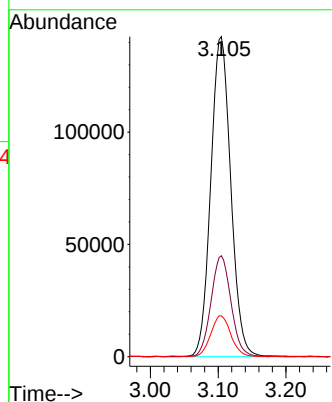


#19
1,1-Dichloroethane
Concen: 46.181 ug/L
RT: 3.105 min Scan# 641
Delta R.T. 0.003 min
Lab File: VV036823.D
Acq: 06 Aug 2024 19:02

Instrument :
MSVOA_V
ClientSampleId :

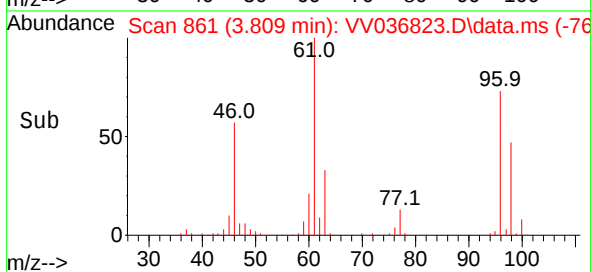
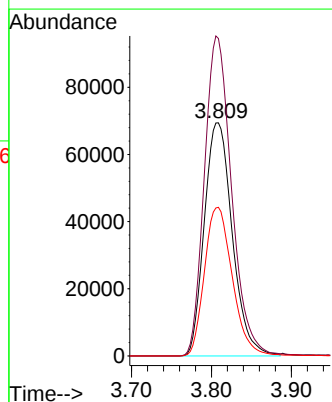
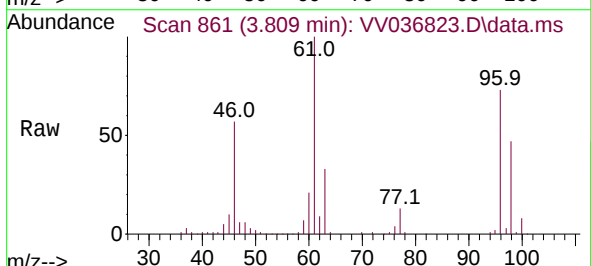


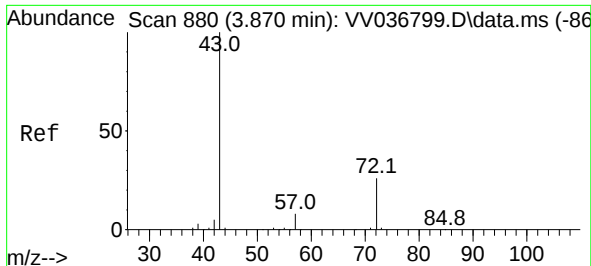
Tgt Ion: 63 Resp: 292075
Ion Ratio Lower Upper
63 100
65 31.6 23.2 43.0
83 12.8 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 45.989 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.006 min
Lab File: VV036823.D
Acq: 06 Aug 2024 19:02

Tgt Ion: 96 Resp: 168977
Ion Ratio Lower Upper
96 100
61 136.2 93.9 174.5
98 63.8 46.0 85.4

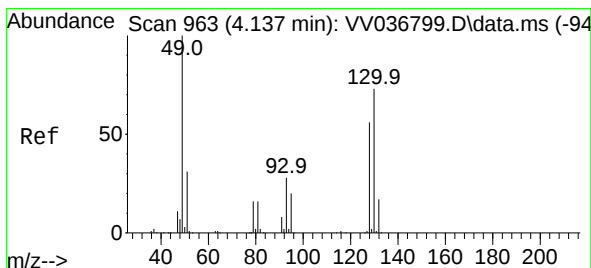
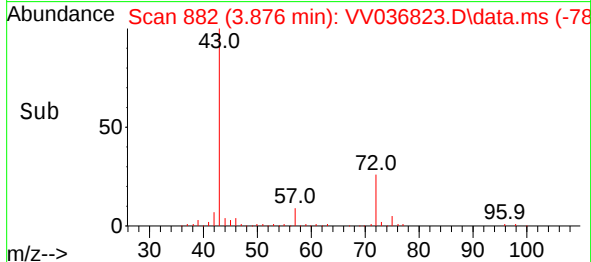
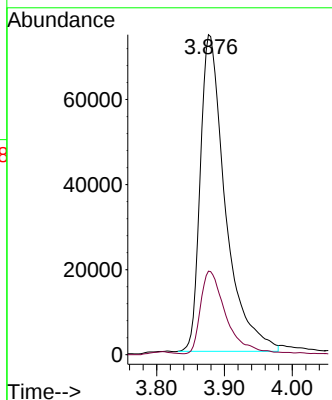
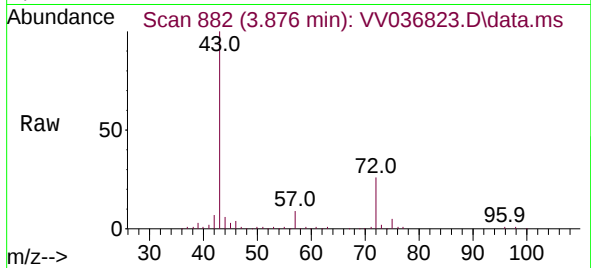




#22
2-Butanone
Concen: 84.380 ug/L
RT: 3.876 min Scan# 881
Delta R.T. 0.006 min
Lab File: VV036823.D
Acq: 06 Aug 2024 19:02

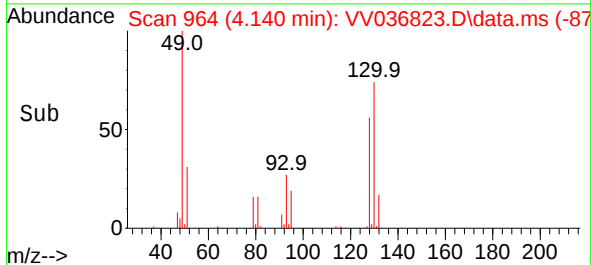
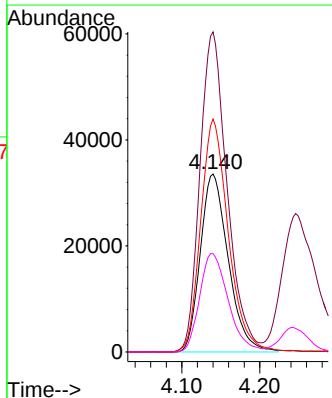
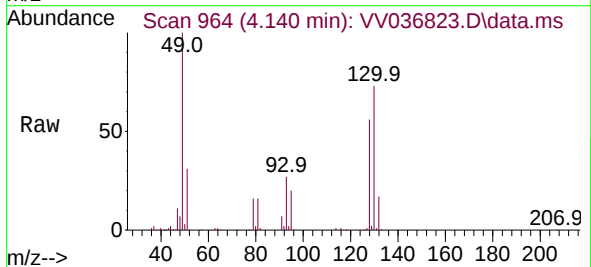
Instrument :
MSVOA_V
ClientSampleId :

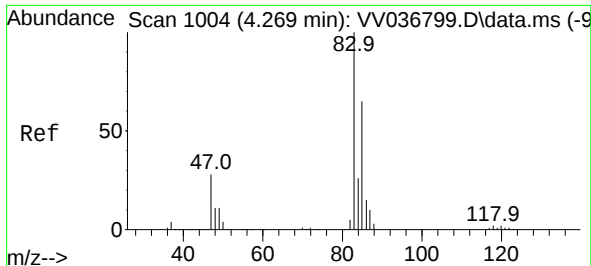
Tgt Ion: 43 Resp: 191484
Ion Ratio Lower Upper
43 100
72 26.3 12.5 37.5



#23
Bromochloromethane
Concen: 46.915 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.003 min
Lab File: VV036823.D
Acq: 06 Aug 2024 19:02

Tgt Ion:128 Resp: 83734
Ion Ratio Lower Upper
128 100
49 179.8 120.0 223.0
130 130.8 87.0 161.6
51 55.2 43.1 64.7





#25

Chloroform

Concen: 46.323 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV036823.D

Acq: 06 Aug 2024 19:02

Instrument :

MSVOA_V

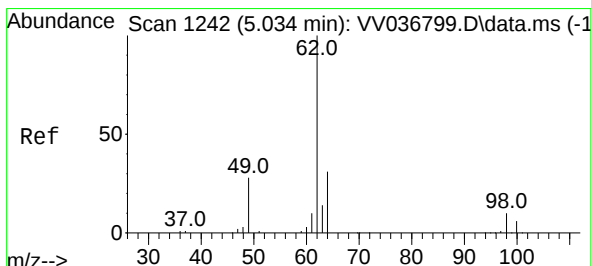
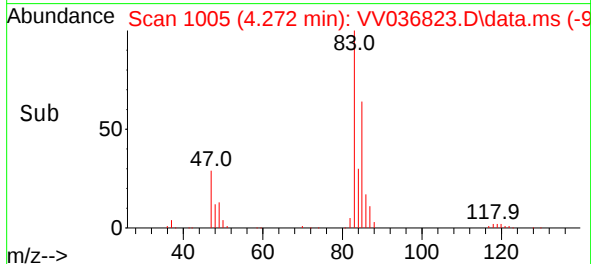
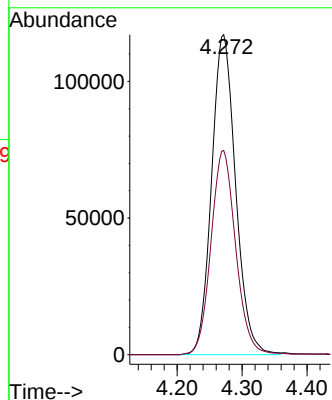
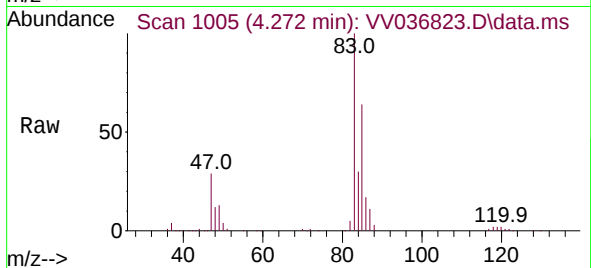
ClientSampleId :

Tgt Ion: 83 Resp: 300915

Ion Ratio Lower Upper

83 100

85 63.8 46.0 85.4



#27

1,2-Dichloroethane

Concen: 45.713 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VV036823.D

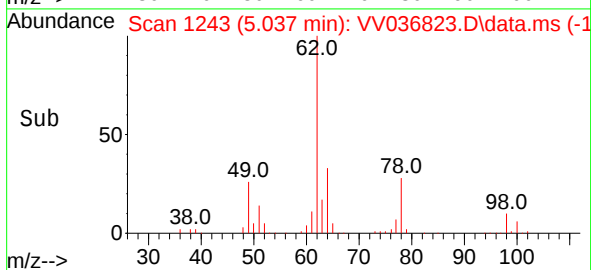
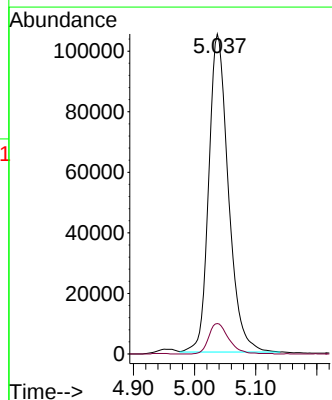
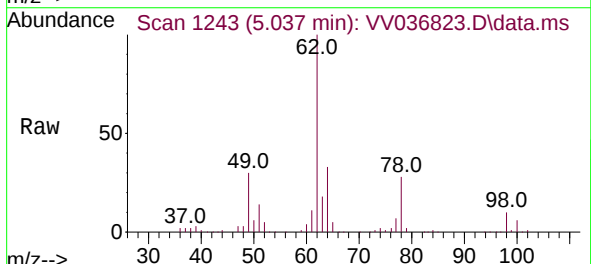
Acq: 06 Aug 2024 19:02

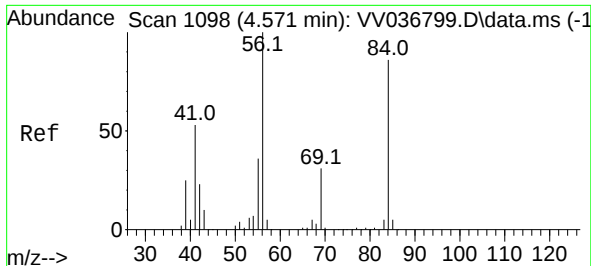
Tgt Ion: 62 Resp: 234236

Ion Ratio Lower Upper

62 100

98 9.5 7.5 11.3





#29

Cyclohexane

Concen: 42.273 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. -0.000 min

Lab File: VV036823.D

Acq: 06 Aug 2024 19:02

Instrument :

MSVOA_V

ClientSampleId :

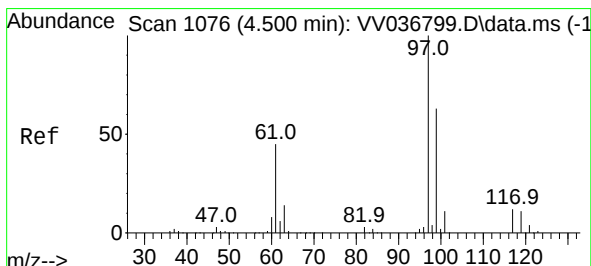
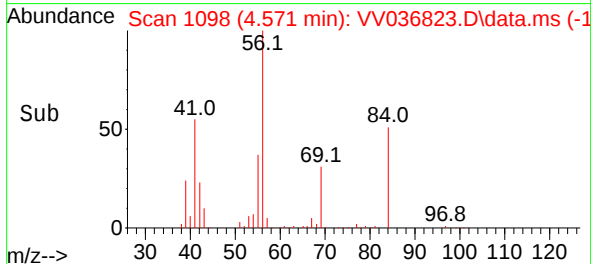
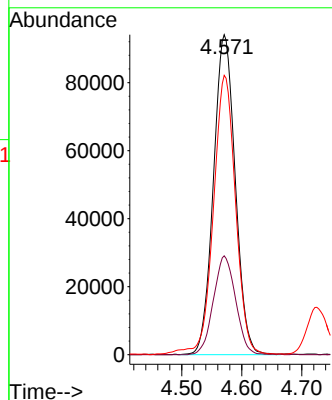
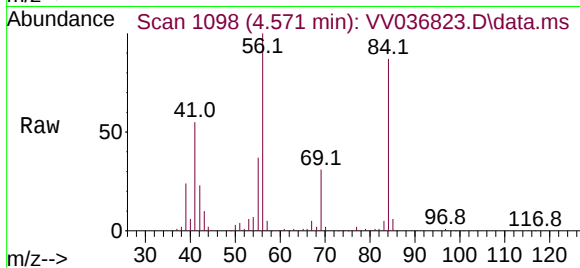
Tgt Ion: 56 Resp: 237216

Ion Ratio Lower Upper

56 100

69 31.4 24.7 37.1

84 87.5 68.5 102.7



#30

1,1,1-Trichloroethane

Concen: 44.292 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VV036823.D

Acq: 06 Aug 2024 19:02

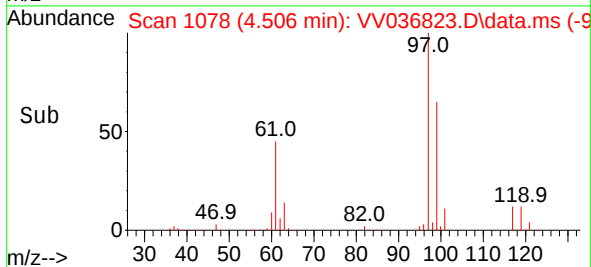
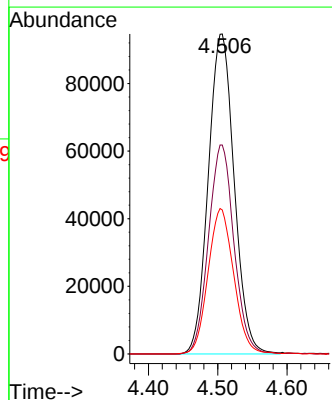
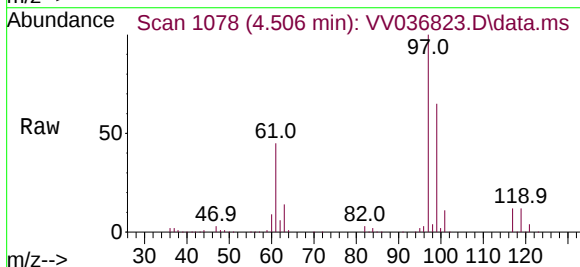
Tgt Ion: 97 Resp: 245764

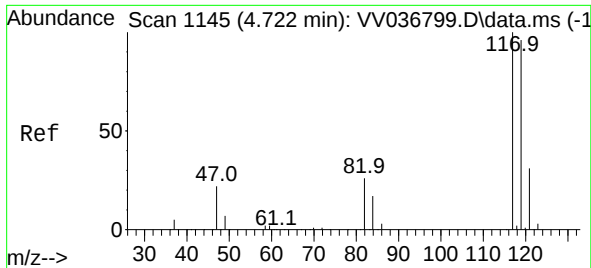
Ion Ratio Lower Upper

97 100

99 64.3 51.5 77.3

61 44.9 36.0 54.0

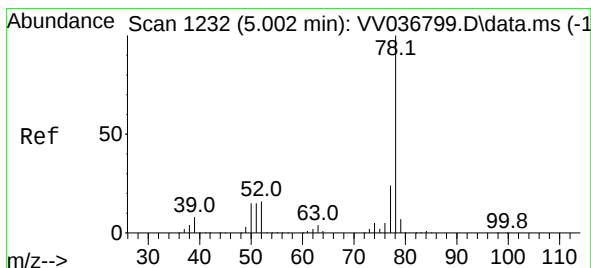
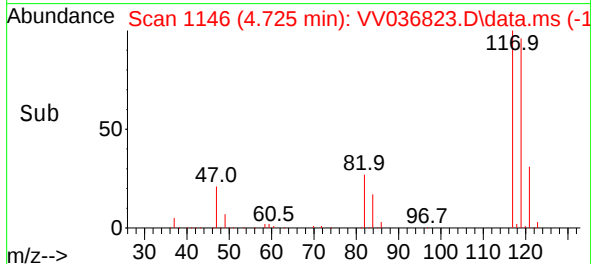
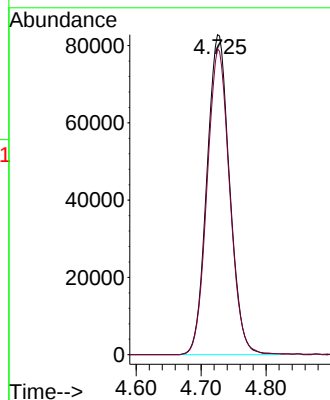
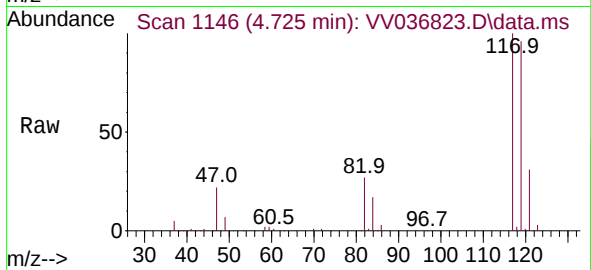




#31
Carbon tetrachloride
Concen: 43.250 ug/L
RT: 4.725 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VV036823.D
Acq: 06 Aug 2024 19:02

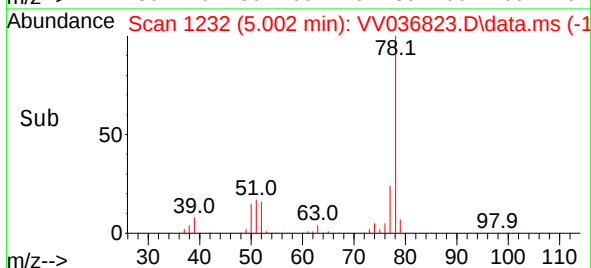
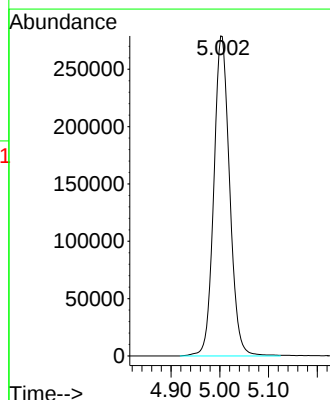
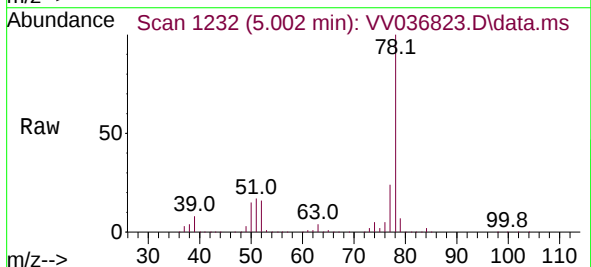
Instrument :
MSVOA_V
ClientSampleId :

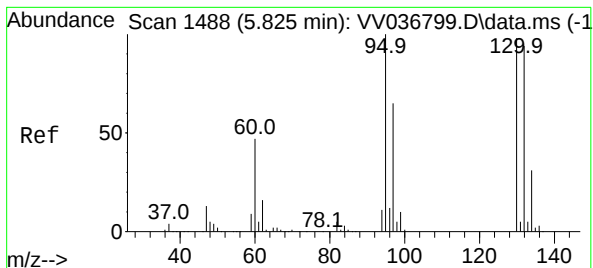
Tgt Ion:117 Resp: 201542
Ion Ratio Lower Upper
117 100
119 94.9 76.1 114.1



#33
Benzene
Concen: 47.793 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VV036823.D
Acq: 06 Aug 2024 19:02

Tgt Ion: 78 Resp: 629575





#34

Trichloroethene

Concen: 44.458 ug/L

RT: 5.828 min Scan# 1488

Delta R.T. 0.003 min

Lab File: VV036823.D

Acq: 06 Aug 2024 19:02

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 169729

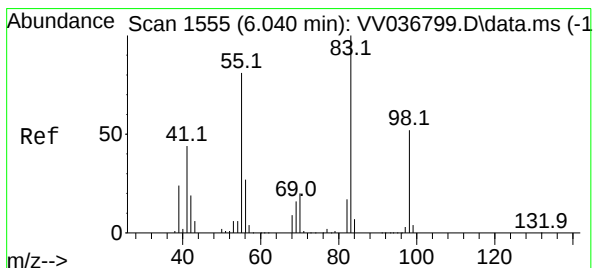
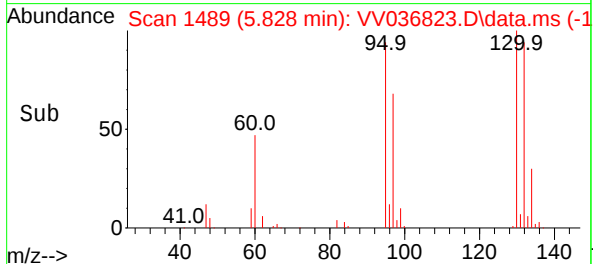
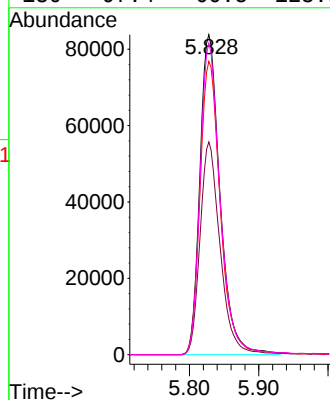
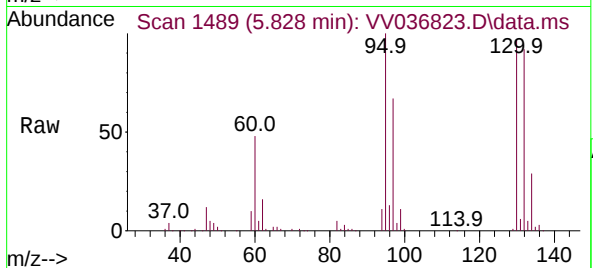
Ion Ratio Lower Upper

95 100

97 66.5 44.7 82.9

132 91.7 62.9 116.9

130 97.4 66.5 123.5



#35

Methylcyclohexane

Concen: 41.004 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.003 min

Lab File: VV036823.D

Acq: 06 Aug 2024 19:02

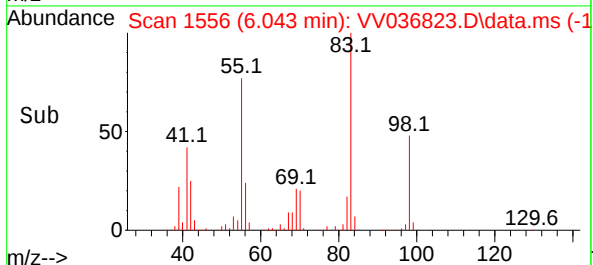
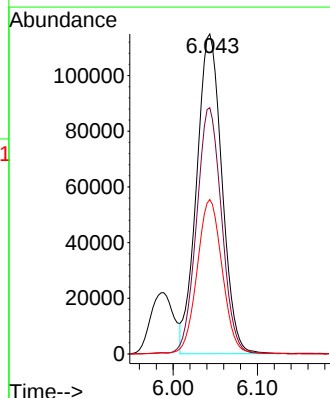
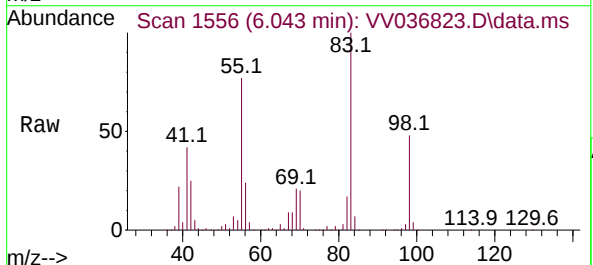
Tgt Ion: 83 Resp: 240215

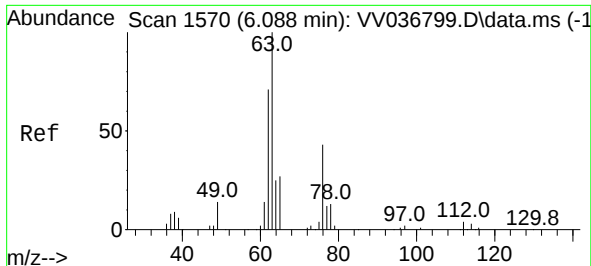
Ion Ratio Lower Upper

83 100

55 76.1 62.3 93.5

98 48.0 38.7 58.1

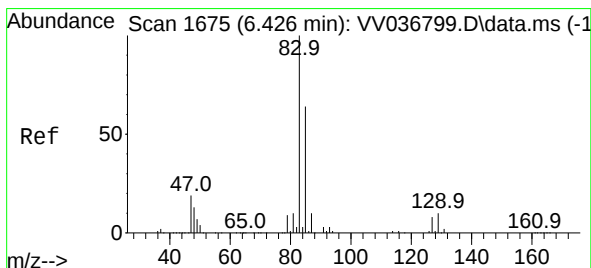
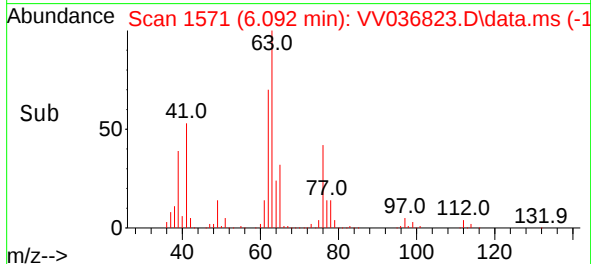
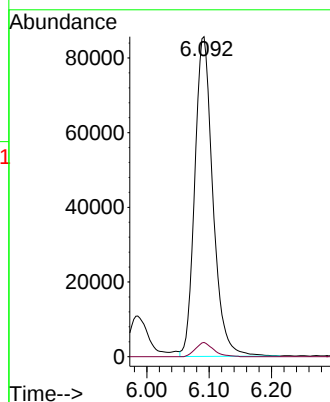
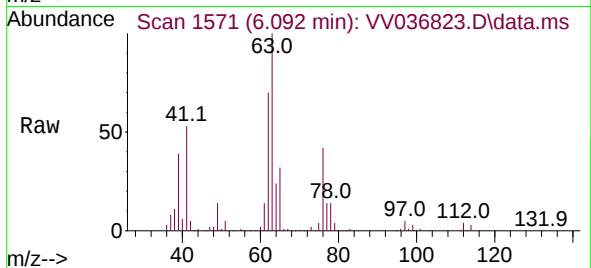




#37
1,2-Dichloropropane
Concen: 49.370 ug/L
RT: 6.092 min Scan# 1570
Delta R.T. 0.003 min
Lab File: VV036823.D
Acq: 06 Aug 2024 19:02

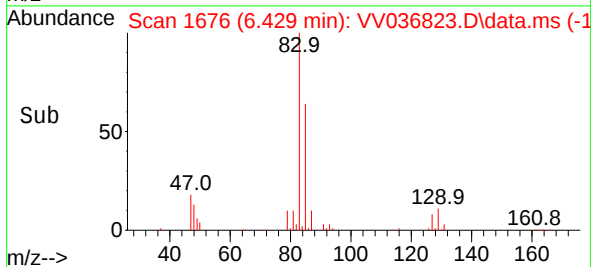
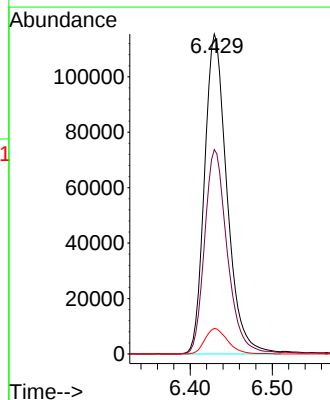
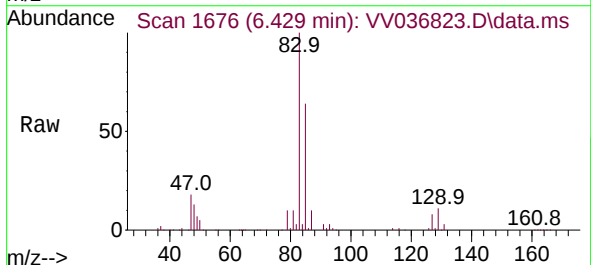
Instrument :
MSVOA_V
ClientSampleId :

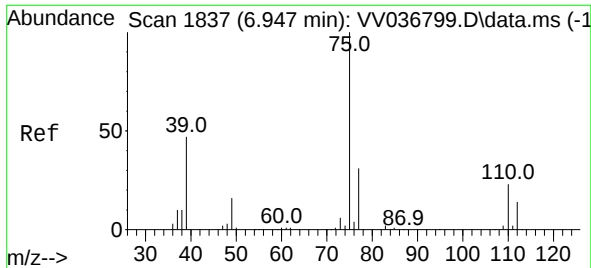
Tgt Ion: 63 Resp: 172283
Ion Ratio Lower Upper
63 100
112 4.4 3.6 5.4



#38
Bromodichloromethane
Concen: 45.744 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.003 min
Lab File: VV036823.D
Acq: 06 Aug 2024 19:02

Tgt Ion: 83 Resp: 219821
Ion Ratio Lower Upper
83 100
85 63.9 44.7 83.1
127 8.0 6.2 9.4

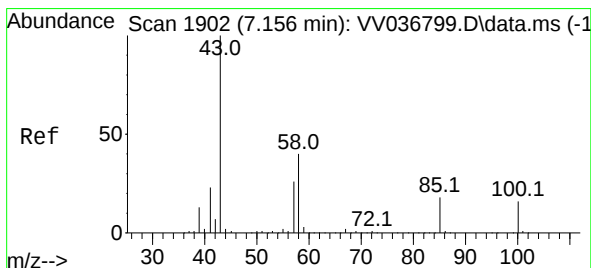
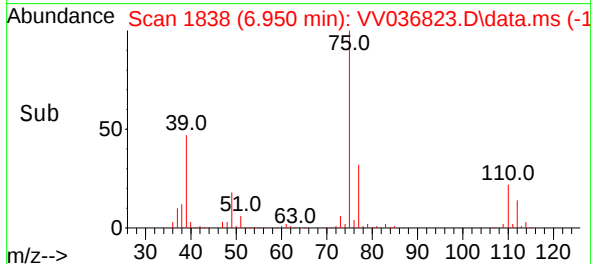
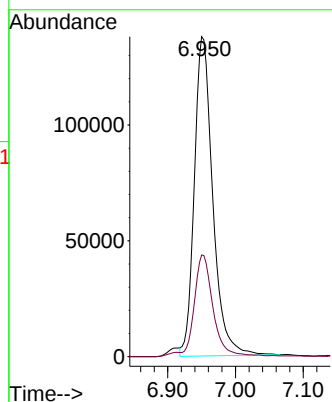
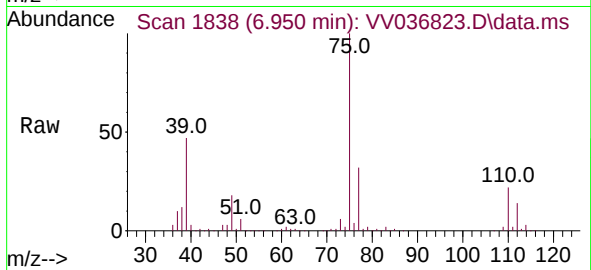




#39
cis-1,3-Dichloropropene
Concen: 43.592 ug/L
RT: 6.950 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV036823.D
Acq: 06 Aug 2024 19:02

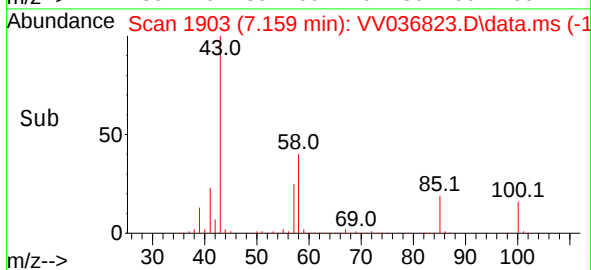
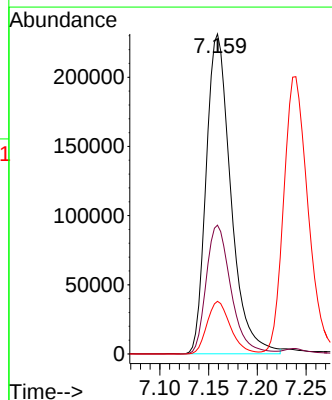
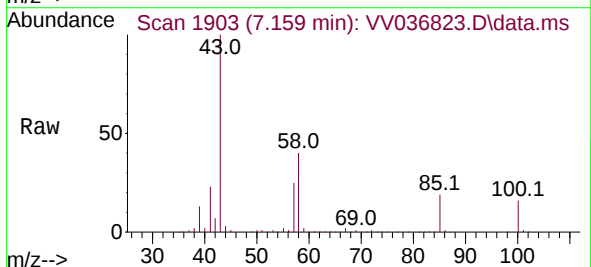
Instrument :
MSVOA_V
ClientSampleId :

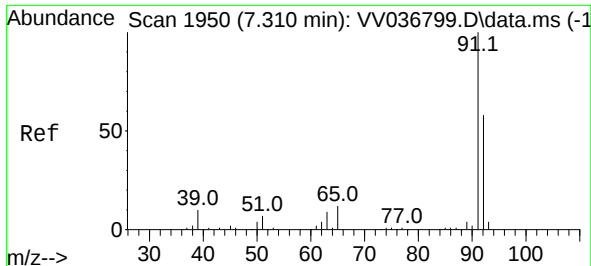
Tgt Ion: 75 Resp: 260523
Ion Ratio Lower Upper
75 100
77 31.8 22.2 41.2



#40
4-Methyl-2-pentanone
Concen: 94.181 ug/L
RT: 7.159 min Scan# 1903
Delta R.T. 0.003 min
Lab File: VV036823.D
Acq: 06 Aug 2024 19:02

Tgt Ion: 43 Resp: 407127
Ion Ratio Lower Upper
43 100
58 40.5 31.3 46.9
100 15.6 12.6 18.8





#42

Toluene

Concen: 45.918 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VV036823.D

Acq: 06 Aug 2024 19:02

Instrument :

MSVOA_V

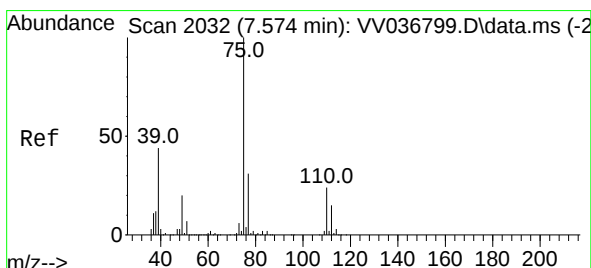
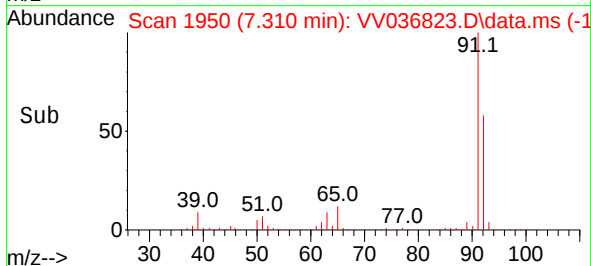
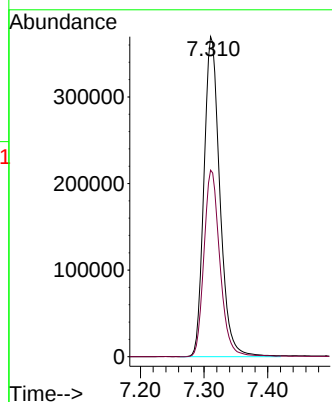
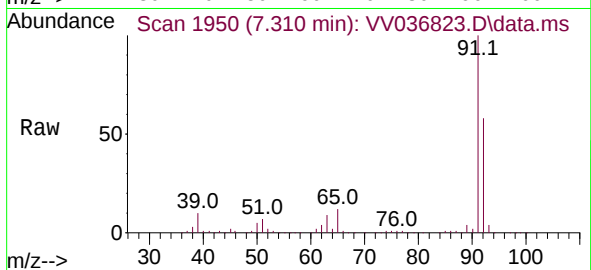
ClientSampleId :

Tgt Ion: 91 Resp: 644276

Ion Ratio Lower Upper

91 100

92 58.3 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 43.610 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.006 min

Lab File: VV036823.D

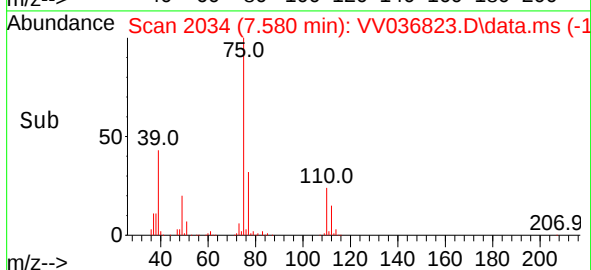
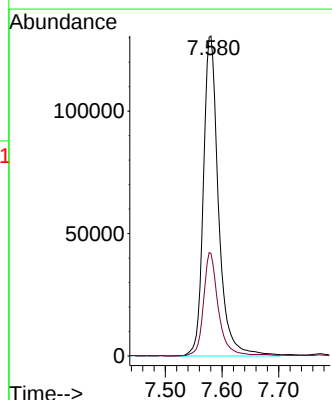
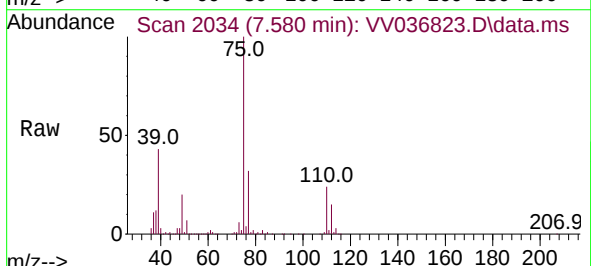
Acq: 06 Aug 2024 19:02

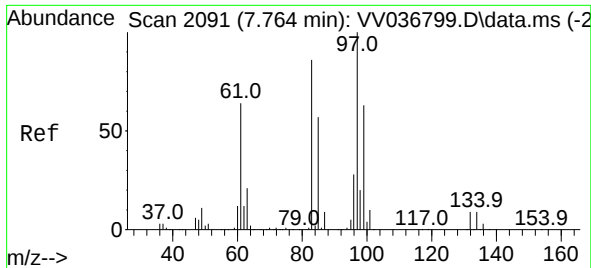
Tgt Ion: 75 Resp: 242870

Ion Ratio Lower Upper

75 100

77 32.1 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 47.619 ug/L

RT: 7.767 min Scan# 2091

Delta R.T. 0.003 min

Lab File: VV036823.D

Acq: 06 Aug 2024 19:02

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 160925

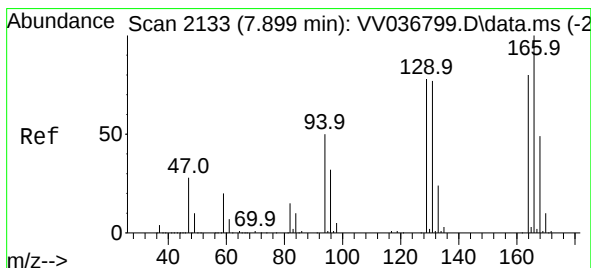
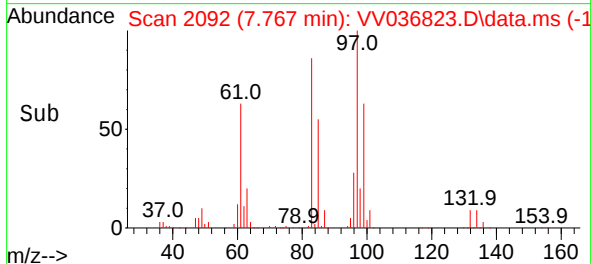
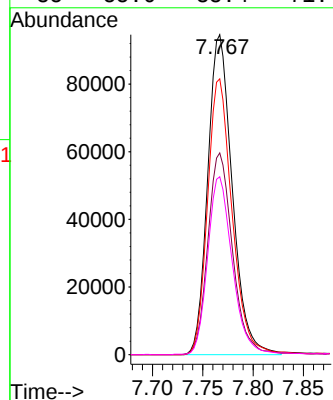
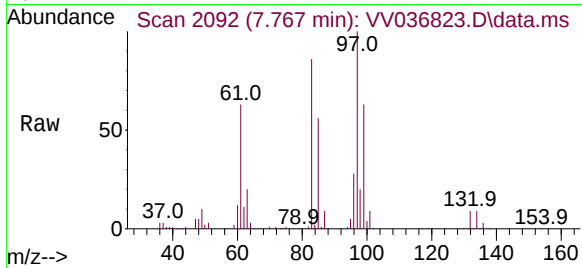
Ion Ratio Lower Upper

97 100

99 63.1 44.0 81.6

83 86.2 60.1 111.5

85 55.6 38.4 71.4



#46

Tetrachloroethene

Concen: 42.573 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.003 min

Lab File: VV036823.D

Acq: 06 Aug 2024 19:02

Tgt Ion: 164 Resp: 106611

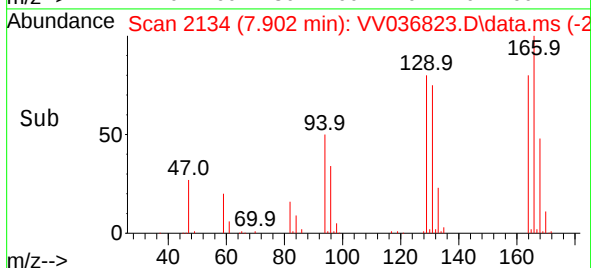
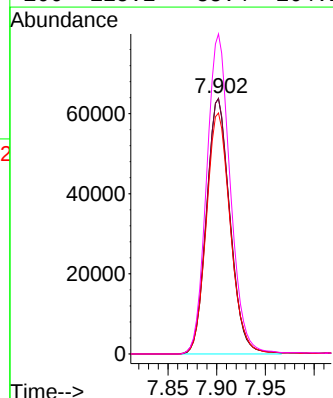
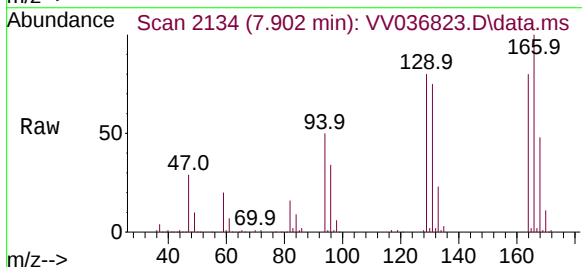
Ion Ratio Lower Upper

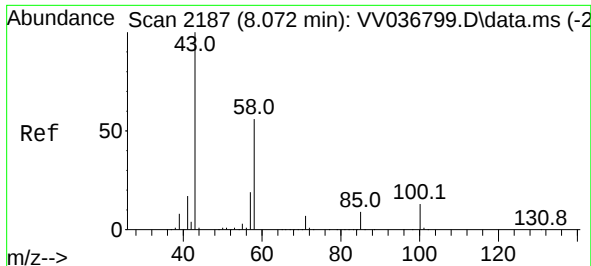
164 100

129 99.9 70.4 130.8

131 94.3 67.7 125.7

166 125.2 88.4 164.2



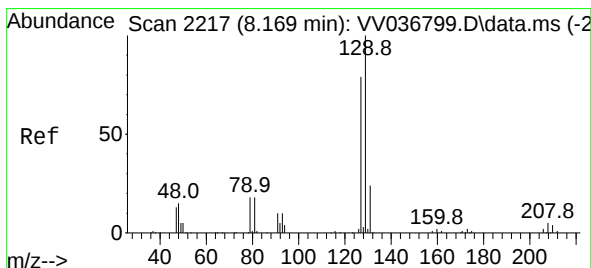
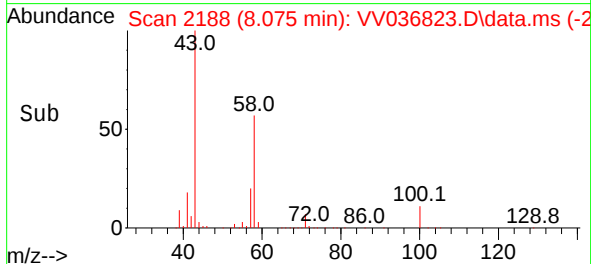
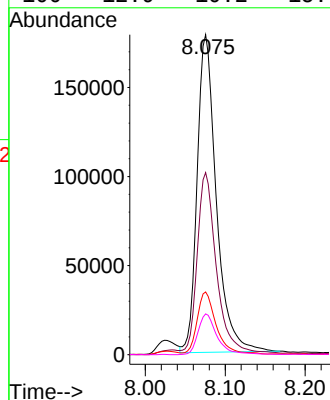
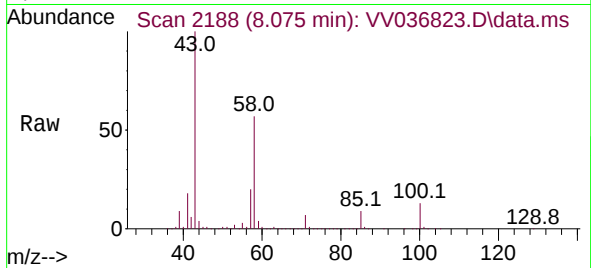


#48
2-Hexanone
Concen: 93.914 ug/L
RT: 8.075 min Scan# 2187
Delta R.T. 0.003 min
Lab File: VV036823.D
Acq: 06 Aug 2024 19:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 298663

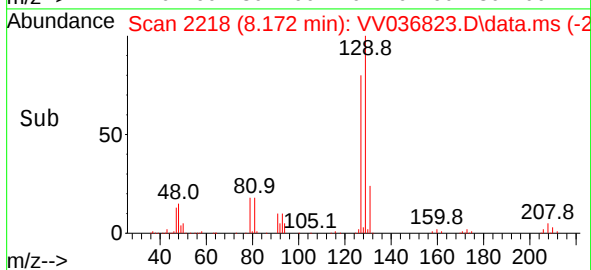
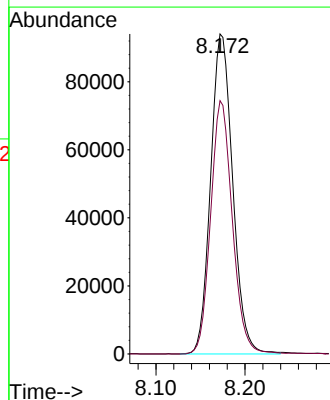
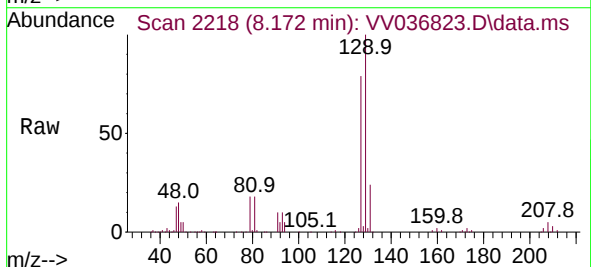
Ion	Ratio	Lower	Upper
43	100		
58	57.1	44.7	67.1
57	19.8	15.0	22.4
100	12.9	10.2	15.4

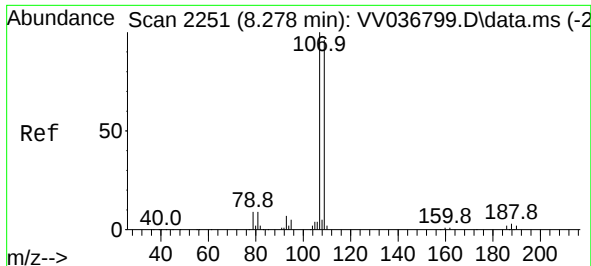


#49
Dibromochloromethane
Concen: 46.632 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.003 min
Lab File: VV036823.D
Acq: 06 Aug 2024 19:02

Tgt Ion: 129 Resp: 161944

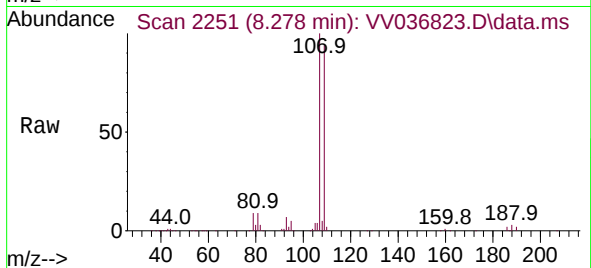
Ion	Ratio	Lower	Upper
129	100		
127	79.2	55.4	102.8



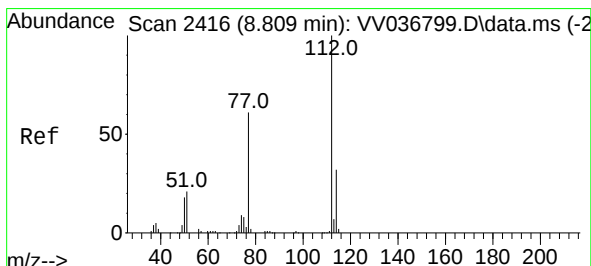
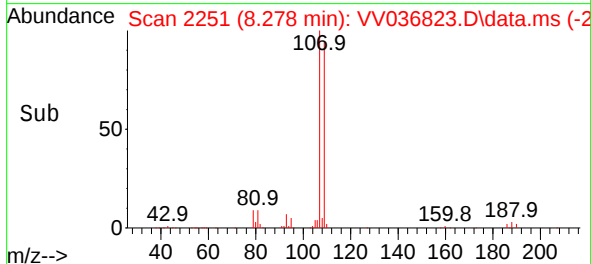
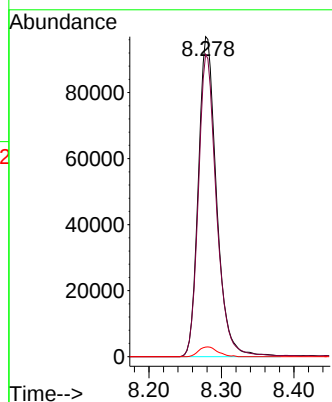


#50
1,2-Dibromoethane
Concen: 48.129 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV036823.D
Acq: 06 Aug 2024 19:02

Instrument :
MSVOA_V
ClientSampleId :

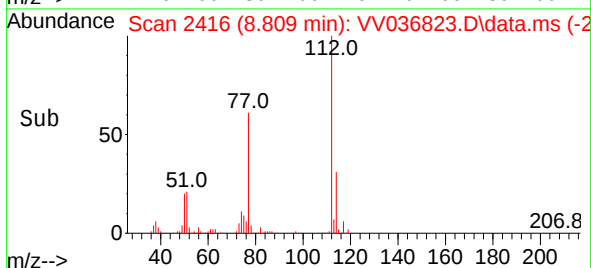
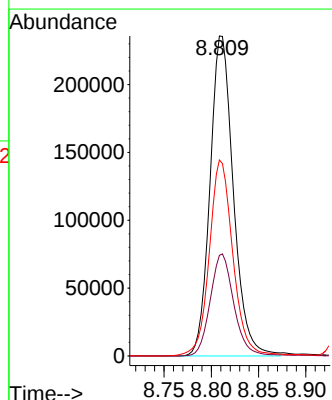
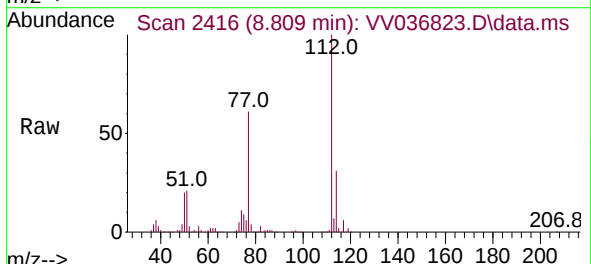


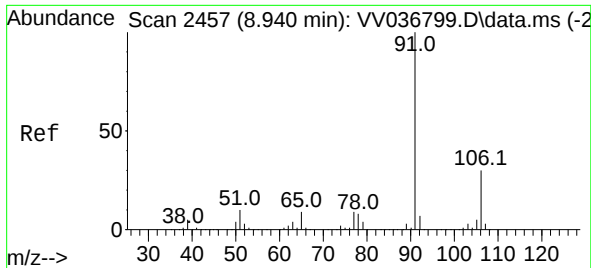
Tgt Ion:107 Resp: 168753
Ion Ratio Lower Upper
107 100
109 94.5 64.7 120.1
188 3.0 2.6 3.8



#51
Chlorobenzene
Concen: 45.026 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. -0.000 min
Lab File: VV036823.D
Acq: 06 Aug 2024 19:02

Tgt Ion:112 Resp: 405356
Ion Ratio Lower Upper
112 100
114 31.5 22.3 41.5
77 61.3 48.9 73.3





#52

Ethylbenzene

Concen: 44.637 ug/L

RT: 8.944 min Scan# 2457

Delta R.T. 0.003 min

Lab File: VV036823.D

Acq: 06 Aug 2024 19:02

Instrument :

MSVOA_V

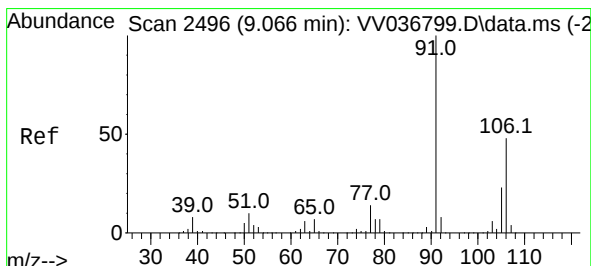
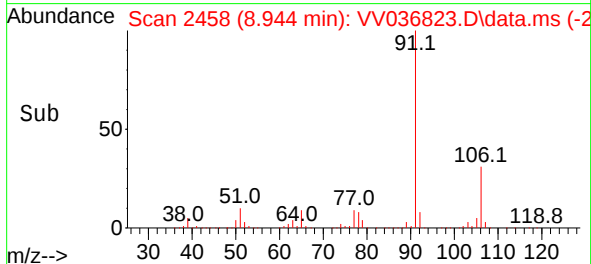
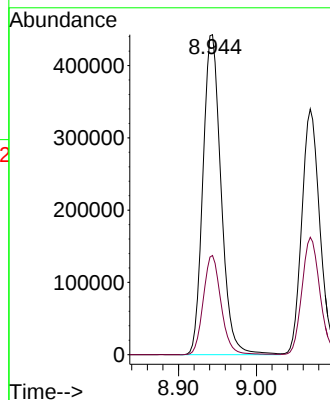
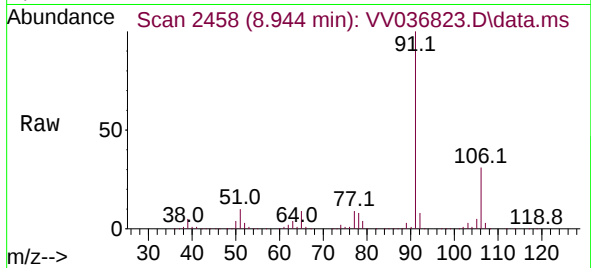
ClientSampleId :

Tgt Ion: 91 Resp: 715112

Ion Ratio Lower Upper

91 100

106 31.0 21.1 39.1



#53

m,p-Xylene

Concen: 43.616 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.003 min

Lab File: VV036823.D

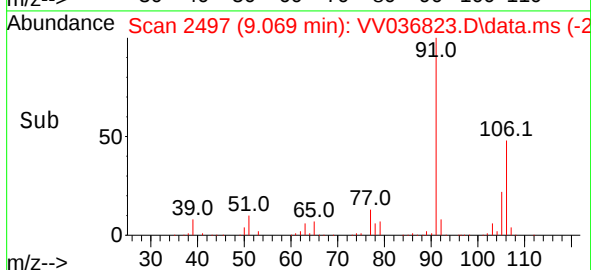
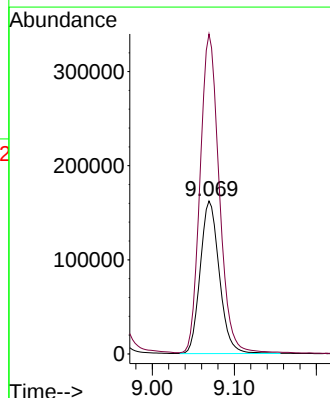
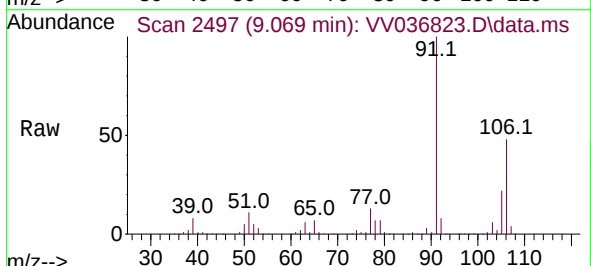
Acq: 06 Aug 2024 19:02

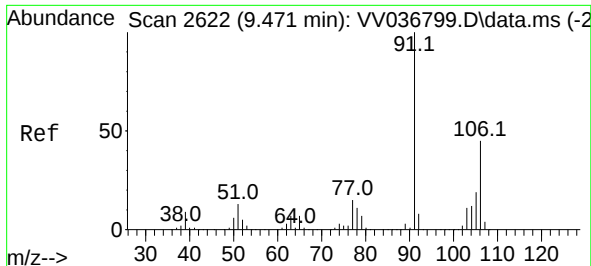
Tgt Ion:106 Resp: 261190

Ion Ratio Lower Upper

106 100

91 209.3 147.1 273.3

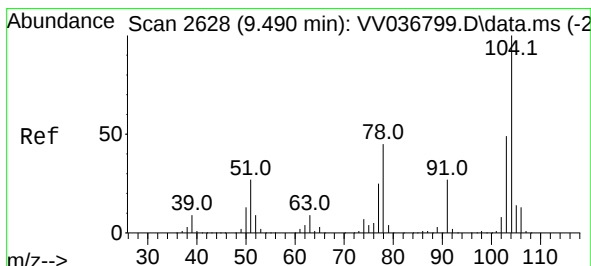
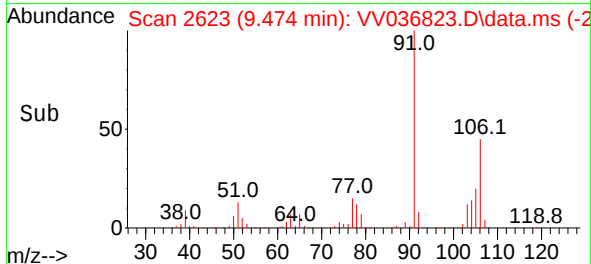
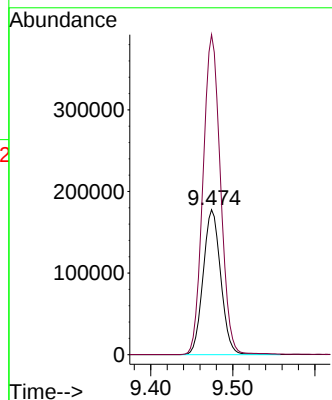
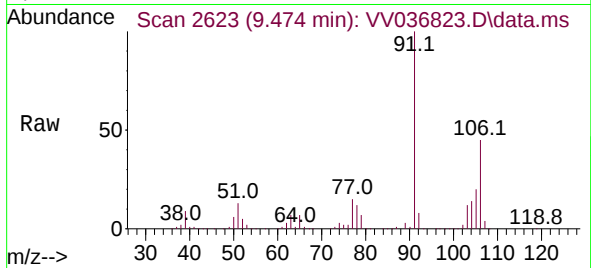




#54
o-Xylene
Concen: 45.173 ug/L
RT: 9.474 min Scan# 2622
Delta R.T. 0.003 min
Lab File: VV036823.D
Acq: 06 Aug 2024 19:02

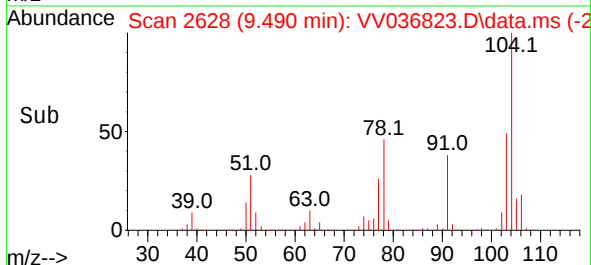
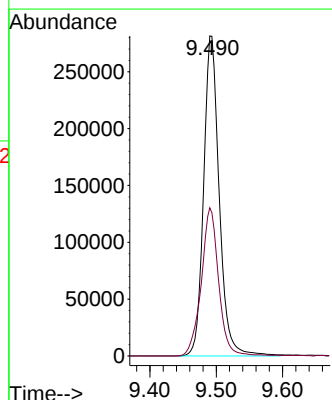
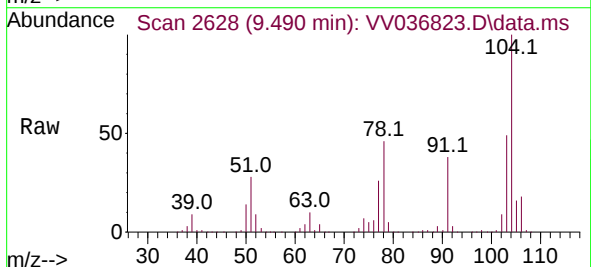
Instrument :
MSVOA_V
ClientSampleId :

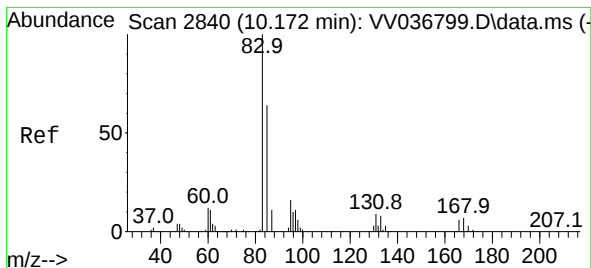
Tgt Ion:106 Resp: 264583
Ion Ratio Lower Upper
106 100
91 220.8 154.5 286.9



#55
Styrene
Concen: 45.923 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.000 min
Lab File: VV036823.D
Acq: 06 Aug 2024 19:02

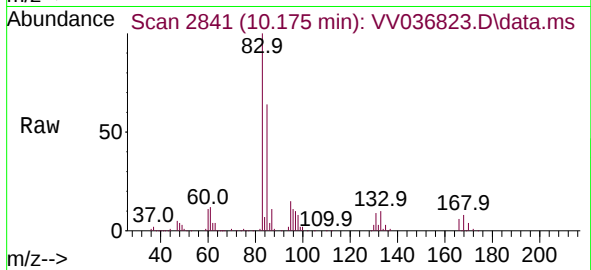
Tgt Ion:104 Resp: 460944
Ion Ratio Lower Upper
104 100
78 46.3 32.1 59.7



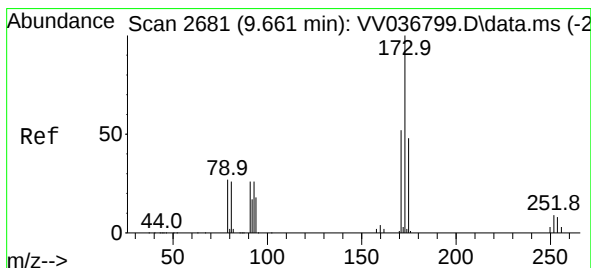
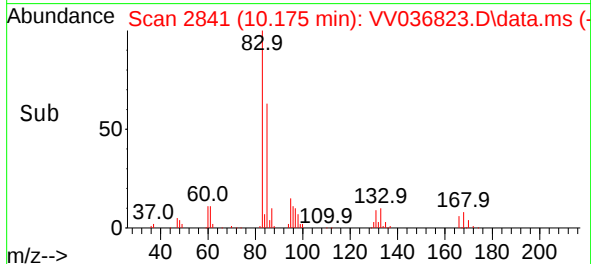
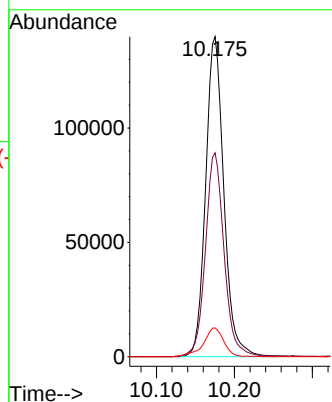


#57
1,1,2,2-Tetrachloroethane
Concen: 49.761 ug/L
RT: 10.175 min Scan# 2840
Delta R.T. 0.003 min
Lab File: VV036823.D
Acq: 06 Aug 2024 19:02

Instrument :
MSVOA_V
ClientSampleId :

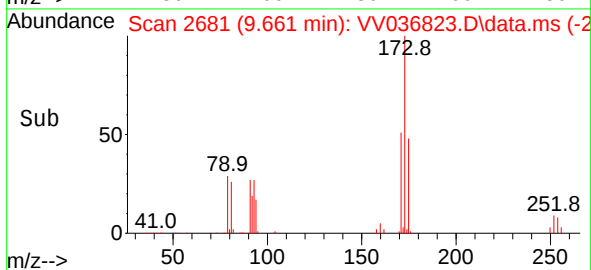
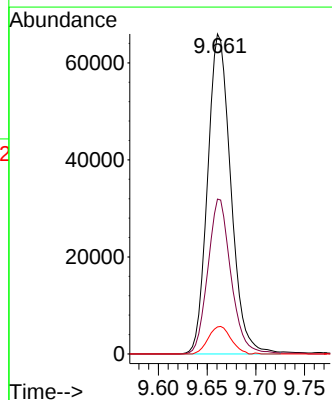
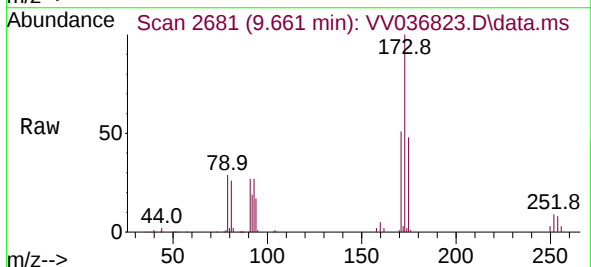


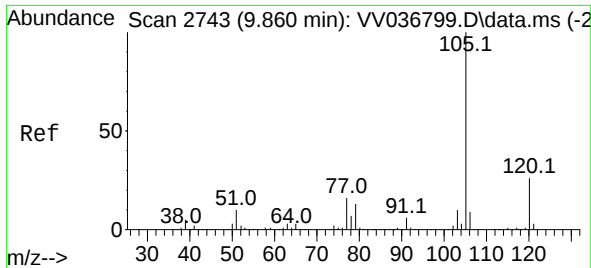
Tgt Ion: 83 Resp: 226909
Ion Ratio Lower Upper
83 100
85 63.7 44.7 83.1
131 9.0 7.2 10.8



#59
Bromoform
Concen: 45.843 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. -0.000 min
Lab File: VV036823.D
Acq: 06 Aug 2024 19:02

Tgt Ion: 173 Resp: 109328
Ion Ratio Lower Upper
173 100
175 48.3 39.8 59.8
254 8.4 6.8 10.2

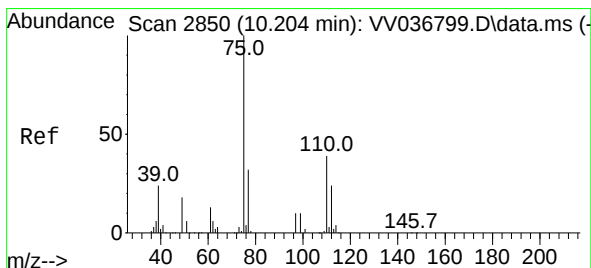
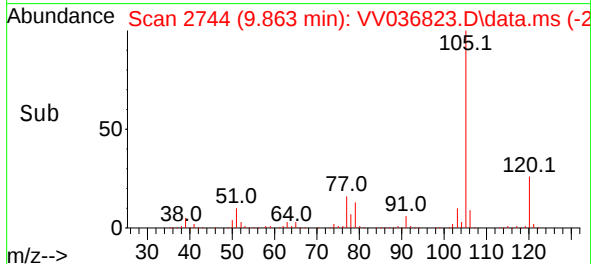
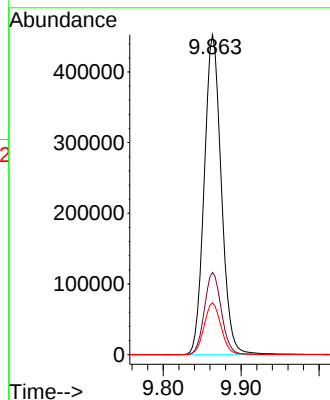
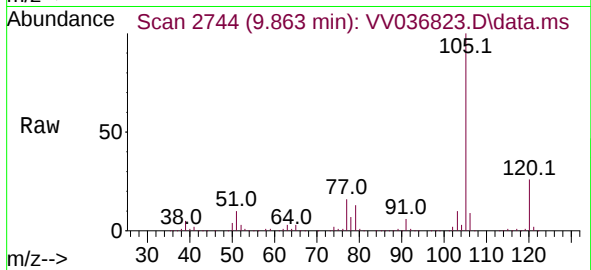




#60
Isopropylbenzene
Concen: 43.886 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV036823.D
Acq: 06 Aug 2024 19:02

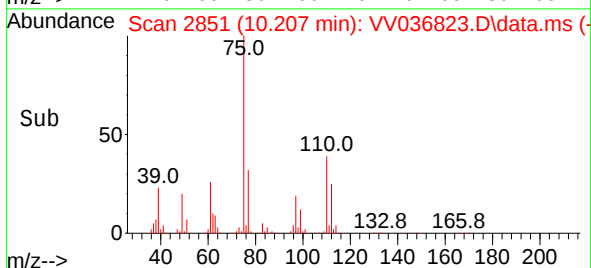
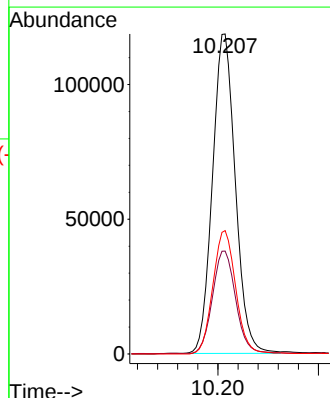
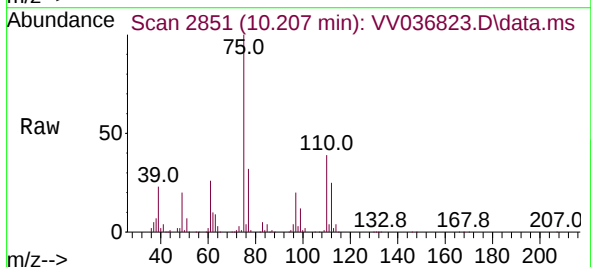
Instrument :
MSVOA_V
ClientSampleId :

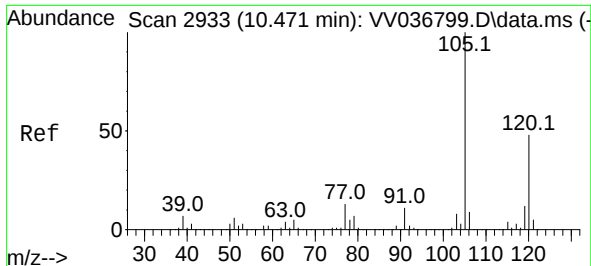
Tgt Ion:105 Resp: 688755
Ion Ratio Lower Upper
105 100
120 25.6 20.3 30.5
77 16.2 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 48.290 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV036823.D
Acq: 06 Aug 2024 19:02

Tgt Ion: 75 Resp: 187397
Ion Ratio Lower Upper
75 100
77 32.5 26.2 39.2
110 38.5 31.3 46.9





#62

1,3,5-Trimethylbenzene

Concen: 43.777 ug/L

RT: 10.471 min Scan# 20

Delta R.T. -0.000 min

Lab File: VV036823.D

Acq: 06 Aug 2024 19:02

Instrument :

MSVOA_V

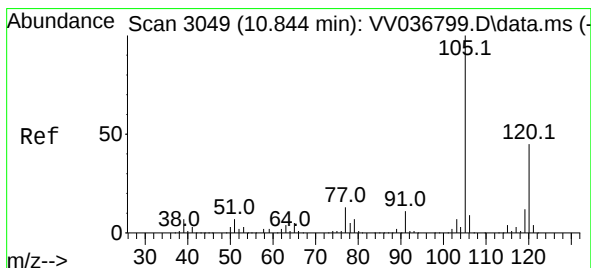
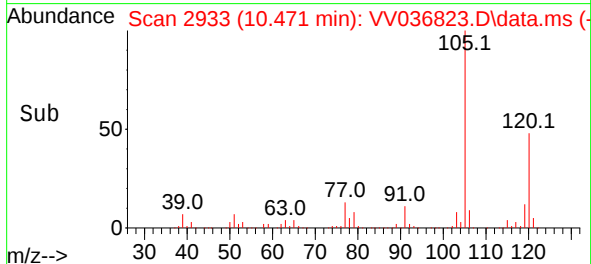
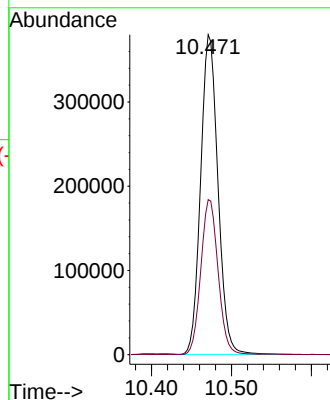
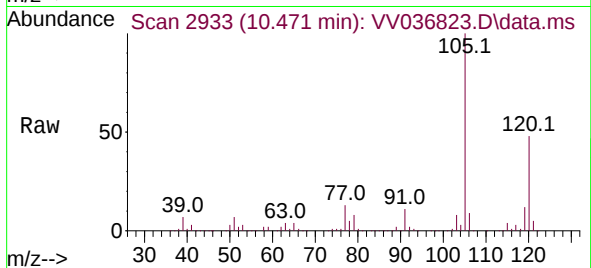
ClientSampleId :

Tgt Ion:105 Resp: 571988

Ion Ratio Lower Upper

105 100

120 48.3 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 44.722 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VV036823.D

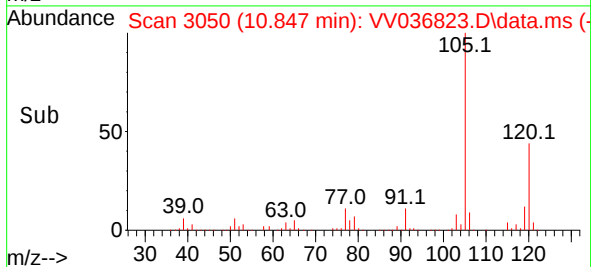
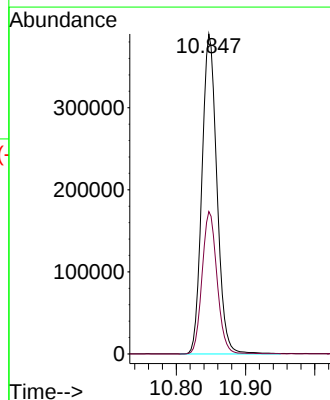
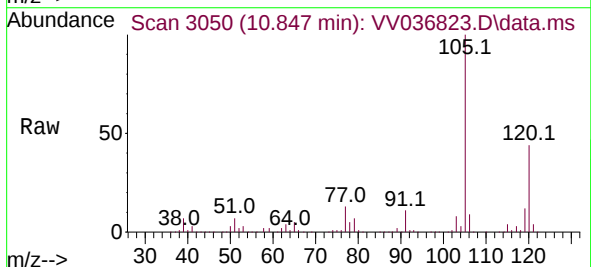
Acq: 06 Aug 2024 19:02

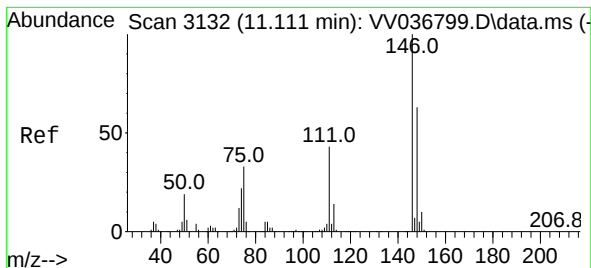
Tgt Ion:105 Resp: 584944

Ion Ratio Lower Upper

105 100

120 44.4 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 45.597 ug/L

RT: 11.114 min Scan# 3132

Delta R.T. 0.003 min

Lab File: VV036823.D

Acq: 06 Aug 2024 19:02

Instrument :

MSVOA_V

ClientSampleId :

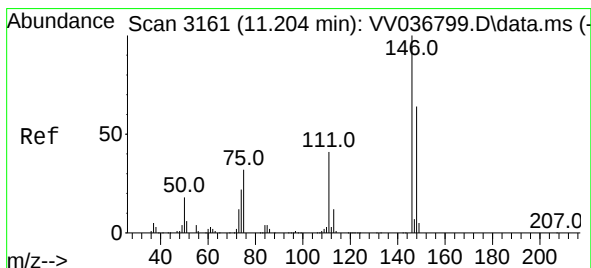
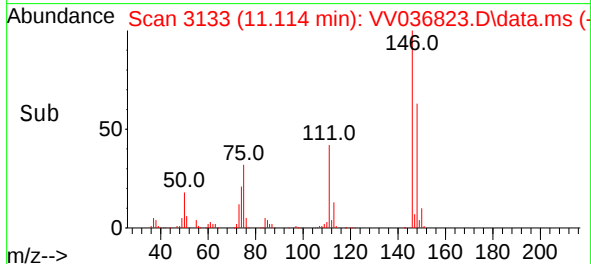
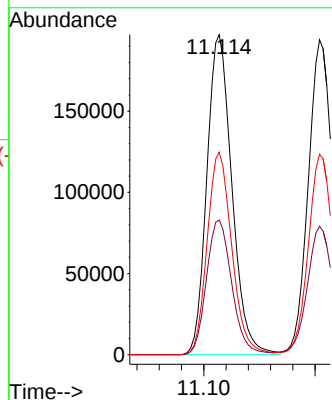
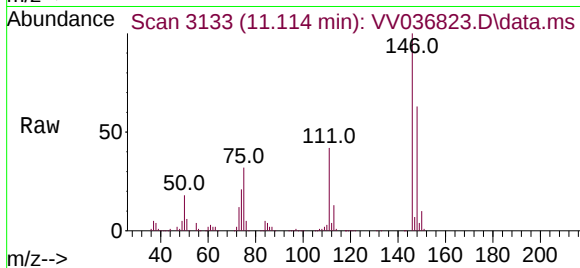
Tgt Ion:146 Resp: 307731

Ion Ratio Lower Upper

146 100

111 42.1 29.8 55.4

148 63.3 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 44.939 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. -0.000 min

Lab File: VV036823.D

Acq: 06 Aug 2024 19:02

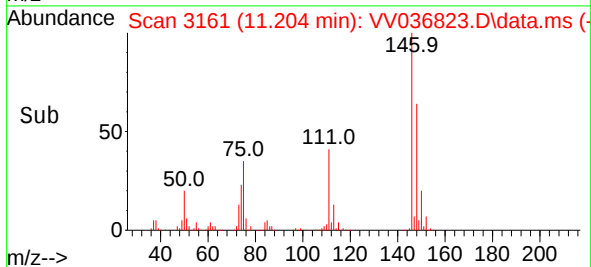
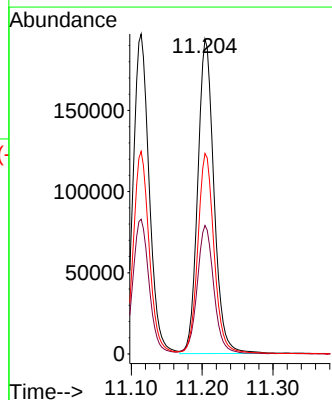
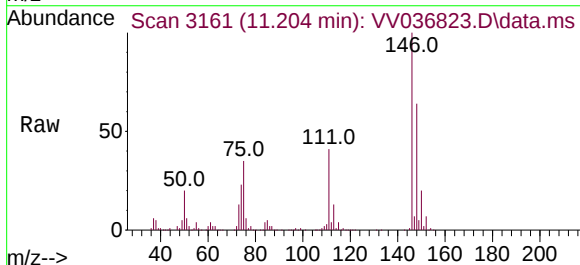
Tgt Ion:146 Resp: 308412

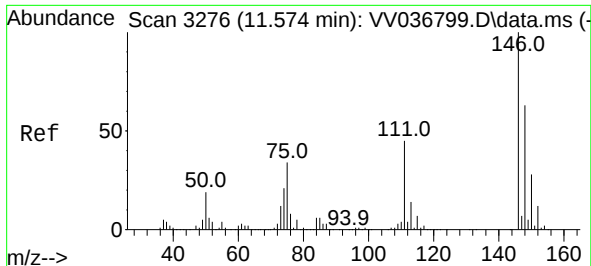
Ion Ratio Lower Upper

146 100

111 40.8 29.0 53.9

148 63.7 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 46.506 ug/L

RT: 11.574 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV036823.D

Acq: 06 Aug 2024 19:02

Instrument :

MSVOA_V

ClientSampleId :

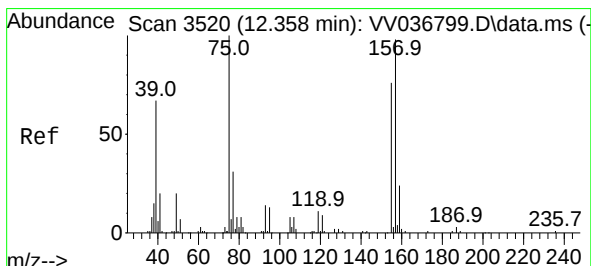
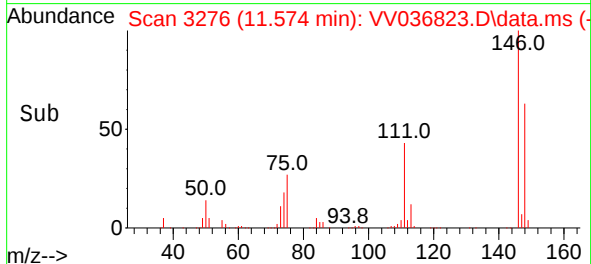
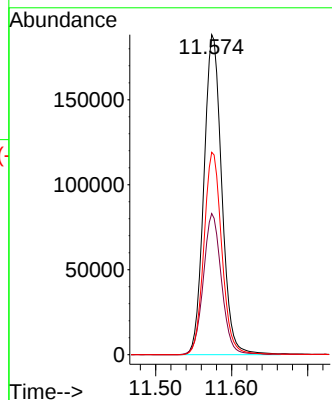
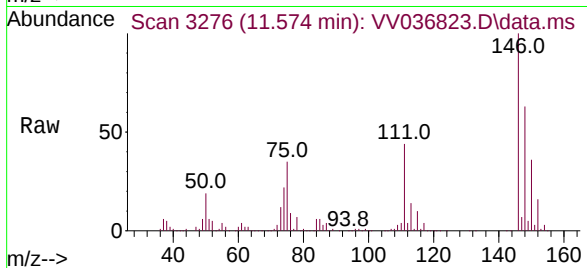
Tgt Ion:146 Resp: 306530

Ion Ratio Lower Upper

146 100

111 44.1 35.7 53.5

148 63.2 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 43.991 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.003 min

Lab File: VV036823.D

Acq: 06 Aug 2024 19:02

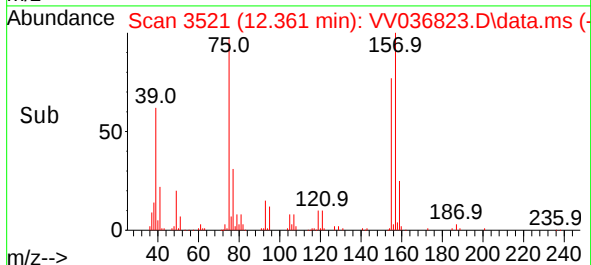
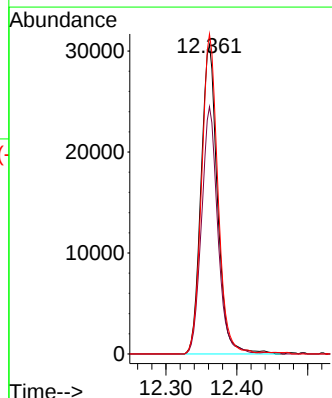
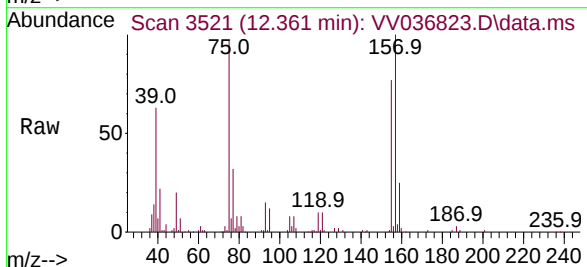
Tgt Ion: 75 Resp: 49332

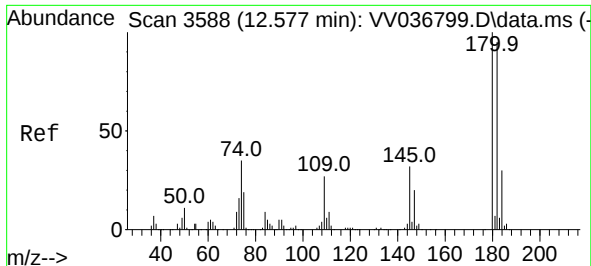
Ion Ratio Lower Upper

75 100

155 79.8 59.5 89.3

157 103.3 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 43.335 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. -0.000 min

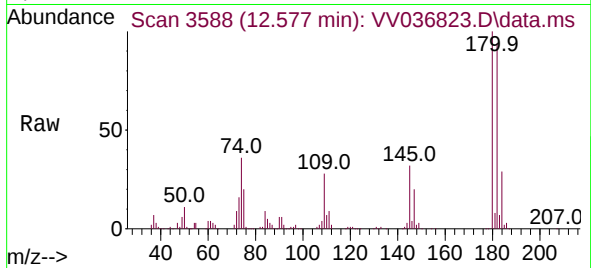
Lab File: VV036823.D

Acq: 06 Aug 2024 19:02

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 207548

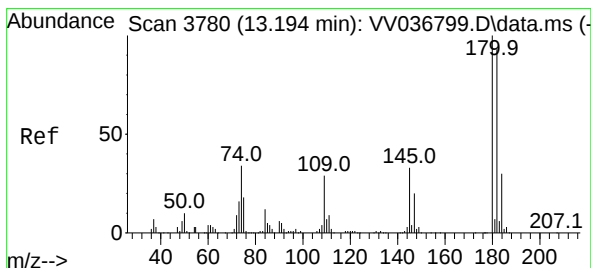
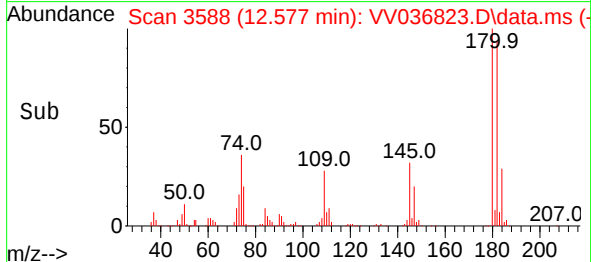
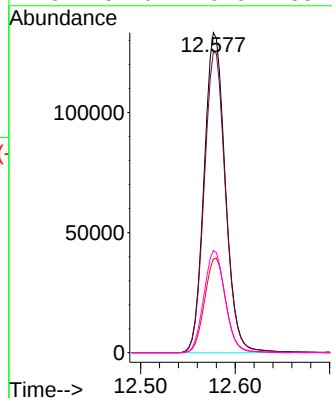
Ion Ratio Lower Upper

180 100

182 94.6 75.0 112.6

184 29.8 23.7 35.5

145 32.0 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 44.194 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.000 min

Lab File: VV036823.D

Acq: 06 Aug 2024 19:02

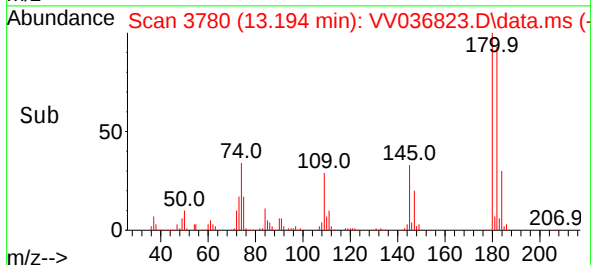
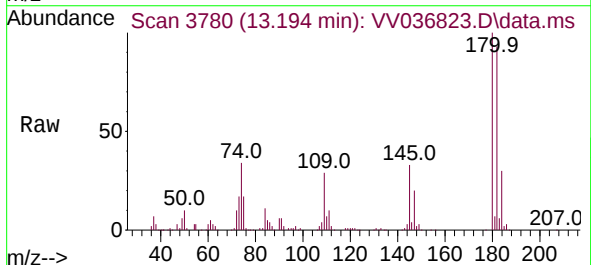
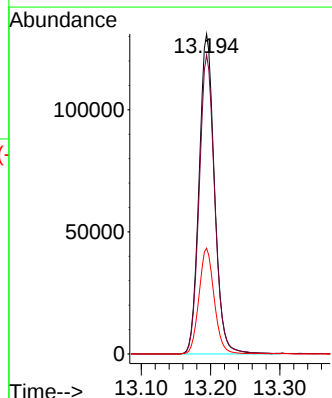
Tgt Ion:180 Resp: 203004

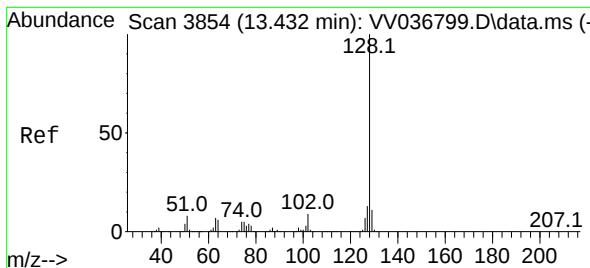
Ion Ratio Lower Upper

180 100

182 94.1 75.1 112.7

145 32.7 26.5 39.7





#71

Naphthalene

Concen: 45.122 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV036823.D

Acq: 06 Aug 2024 19:02

Instrument :

MSVOA_V

ClientSampleId :

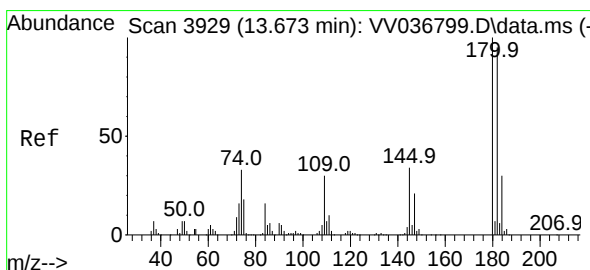
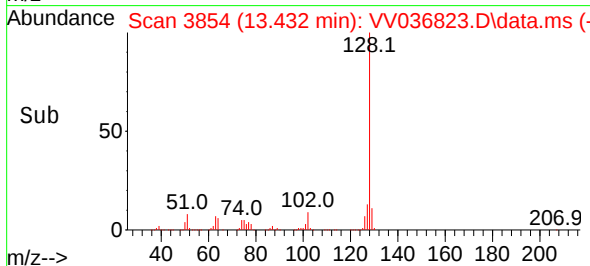
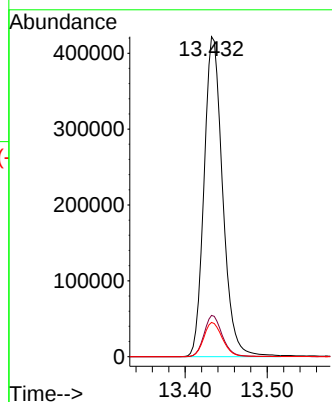
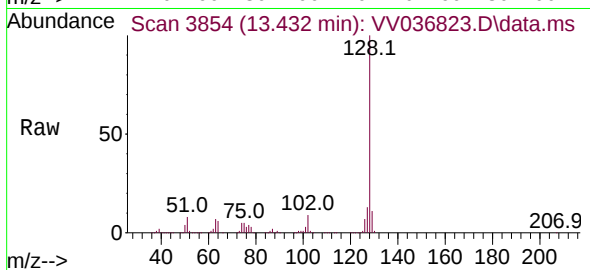
Tgt Ion:128 Resp: 664643

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

129 10.8 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 44.499 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.000 min

Lab File: VV036823.D

Acq: 06 Aug 2024 19:02

Tgt Ion:180 Resp: 200083

Ion Ratio Lower Upper

180 100

182 94.9 76.2 114.2

145 34.6 27.8 41.6

