

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031425\
 Data File : VV038710.D
 Acq On : 14 Mar 2025 11:24
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 14 12:23:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031325WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 13 13:15:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	156434	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	169756	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	92182	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	49118	4.74	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.80%	
7) Chloroethane-d5	1.529	69	48663	4.83	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.60%	
11) 1,1-Dichloroethene-d2	2.053	65	23831	4.51	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.20%	
20) 2-Butanone-d5	3.790	46	145578	58.35	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.70%	
24) Chloroform-d	4.240	84	128834	5.28	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.60%	
26) 1,2-Dichloroethane-d4	4.934	65	57815	5.29	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.80%	
32) Benzene-d6	4.950	84	227576	5.23	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.60%	
36) 1,2-Dichloropropane-d6	5.979	67	73231	5.17	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.40%	
41) Toluene-d8	7.236	98	202620	5.15	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.00%	
43) trans-1,3-Dichloroprop...	7.551	79	21937	5.26	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	105.20%	
46) 2-Hexanone-d5	8.018	63	117230	58.26	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	116.52%	
56) 1,1,2,2-Tetrachloroeth...	10.143	84	64824	5.41	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.20%	
66) 1,2-Dichlorobenzene-d4	11.551	152	73094	4.87	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.40%	
Target Compounds						
2) Dichlorodifluoromethane	1.105	85	85263	5.55	ug/L	98
3) Chloromethane	1.214	50	84698	5.55	ug/L	98
5) Vinyl chloride	1.282	62	88009	5.53	ug/L	96
6) Bromomethane	1.484	94	43197	5.74	ug/L	98
8) Chloroethane	1.545	64	53333	5.10	ug/L	99
9) Trichlorofluoromethane	1.709	101	120931	5.31	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	69596	5.27	ug/L	98
12) 1,1-Dichloroethene	2.063	96	65143	5.45	ug/L	93
13) Acetone	2.124	43	119385	57.28	ug/L	96
14) Carbon disulfide	2.233	76	202037	5.35	ug/L	99
15) Methyl Acetate	2.378	43	25348	5.35	ug/L	98
16) Methylene chloride	2.442	84	72295	5.25	ug/L	97
17) Methyl tert-butyl Ether	2.700	73	135472	5.38	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	66481	5.55	ug/L	96
19) 1,1-Dichloroethane	3.105	63	129744	5.44	ug/L	97
21) 2-Butanone	3.873	43	157169	59.56	ug/L	95
22) cis-1,2-Dichloroethene	3.806	96	67879	5.43	ug/L	99
23) Bromochloromethane	4.140	128	32574	5.38	ug/L	95
25) Chloroform	4.269	83	134634	5.51	ug/L	95

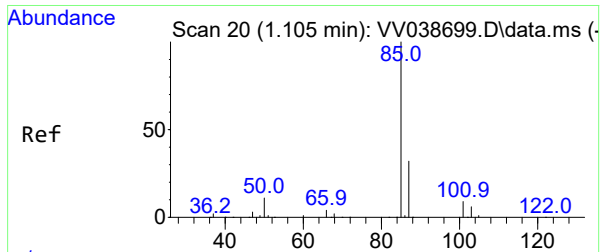
Client Sample ID :
 MSVOA_V
 Instrument :

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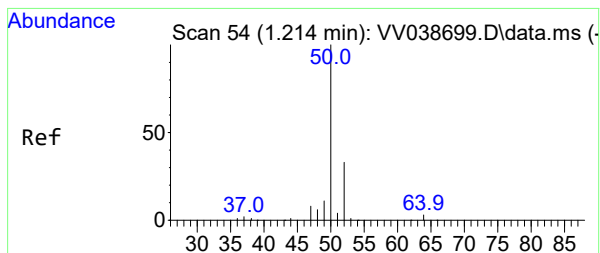
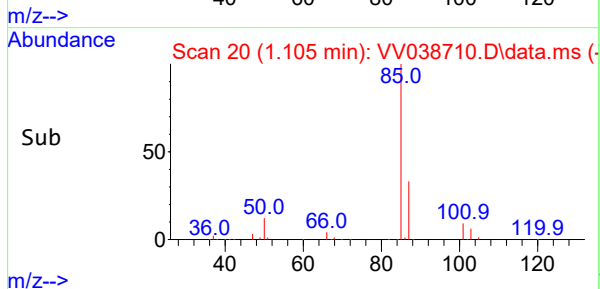
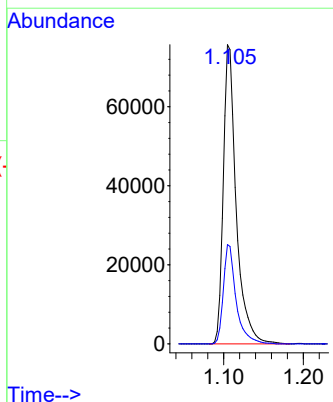
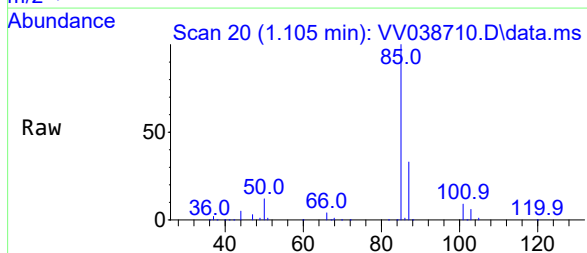
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	76546	5.67	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	114450	5.41	ug/L	100
30) Cyclohexane	4.568	56	93428	5.37	ug/L	97
31) Carbon tetrachloride	4.722	117	101667	5.29	ug/L	99
33) Benzene	5.002	78	274374	5.67	ug/L	100
34) Trichloroethene	5.825	95	70171	5.35	ug/L	96
35) Methylcyclohexane	6.040	83	96140	5.06	ug/L	97
37) 1,2-Dichloropropane	6.082	63	67722	5.18	ug/L	97
38) Bromodichloromethane	6.426	83	91729	5.31	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	93336	5.46	ug/L	99
40) 4-Methyl-2-pentanone	7.150	43	381825	58.32	ug/L	100
42) Toluene	7.307	91	295980	5.91	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	81609	5.66	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	51993	5.31	ug/L	92
47) Tetrachloroethene	7.899	164	53682	5.38	ug/L	95
48) 2-Hexanone	8.066	43	287072	61.30	ug/L	97
49) Dibromochloromethane	8.169	129	58906	5.43	ug/L	99
50) 1,2-Dibromoethane	8.275	107	49390	5.65	ug/L #	95
51) Chlorobenzene	8.805	112	186890	5.48	ug/L	98
52) Ethylbenzene	8.937	91	296878	5.44	ug/L	99
53) m,p-Xylene	9.066	106	115329	5.61	ug/L	96
54) o-Xylene	9.471	106	107495	5.63	ug/L	99
55) Styrene	9.490	104	198105	6.02	ug/L	100
57) 1,1,1,2-Tetrachloroethane	10.172	83	65490	5.64	ug/L	95
59) Bromoform	9.657	173	27977	4.59	ug/L	100
60) Isopropylbenzene	9.860	105	294319	5.34	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	44181	5.43	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	215733	5.04	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	216474	5.19	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	148695	5.31	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	151265	5.29	ug/L	97
67) 1,2-Dichlorobenzene	11.571	146	135144	5.18	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	8581	Client Sample : MSVOA_V Instrument :		
69) 1,3,5-Trichlorobenzene	12.574	180	93939			
70) 1,2,4-trichlorobenzene	13.191	180	71011			
71) Naphthalene	13.435	128	94124	4.57	ug/L	98
72) 1,2,3-Trichlorobenzene	13.673	180	66340	5.05	ug/L	99

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



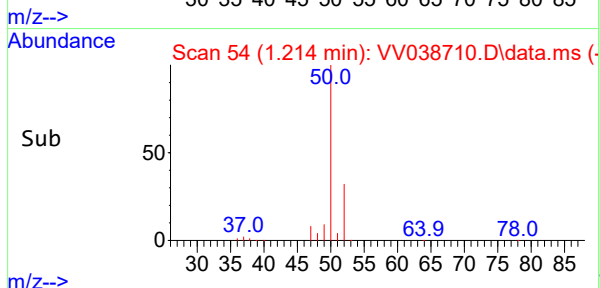
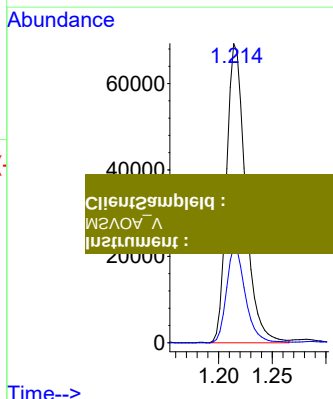
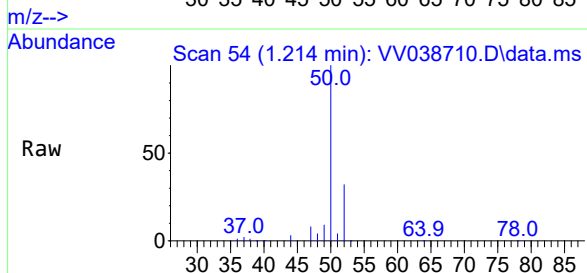
#2
Dichlorodifluoromethane
Concen: 5.36 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion: 85 Resp: 85263
Ion Ratio Lower Upper
85 100
87 32.7 25.5 38.3

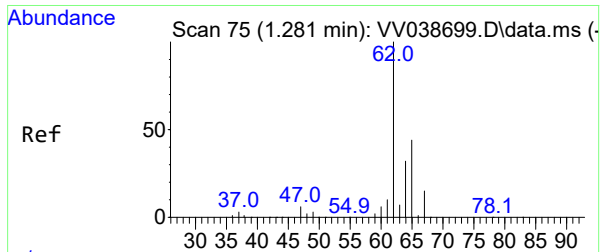


#3
Chloromethane
Concen: 5.55 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion: 50 Resp: 84698
Ion Ratio Lower Upper
50 100
52 32.3 23.2 43.2

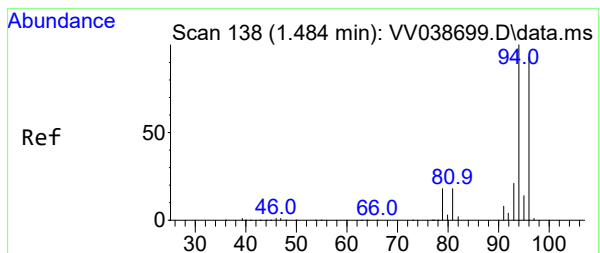
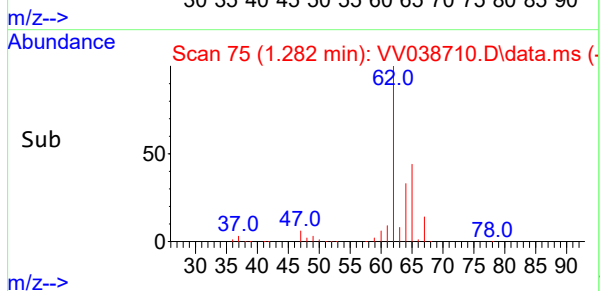
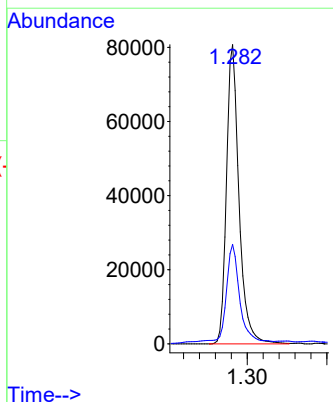
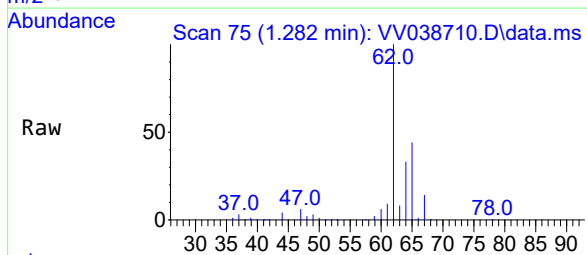


Client Sample ID :
INSTRUMENT :
200000



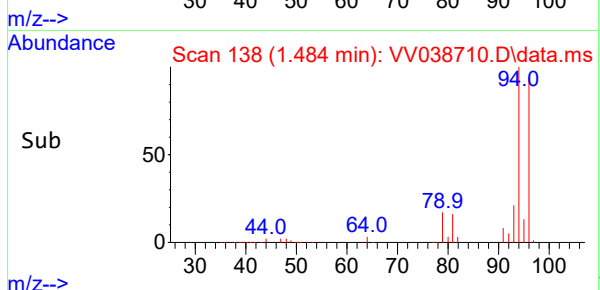
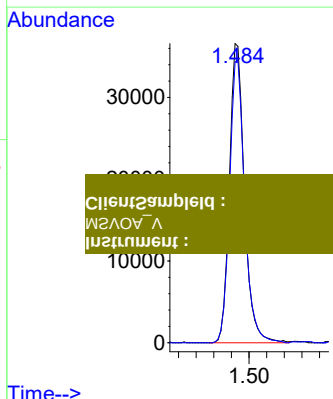
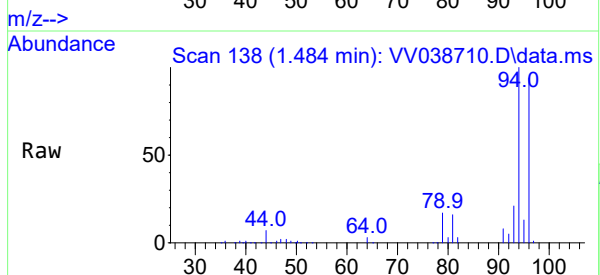
#5
 Vinyl chloride
 Concen: 5.53 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV038710.D
 Acq: 14 Mar 2025 11:24

Tgt Ion: 62 Resp: 88009
 Ion Ratio Lower Upper
 62 100
 64 33.2 25.0 46.4

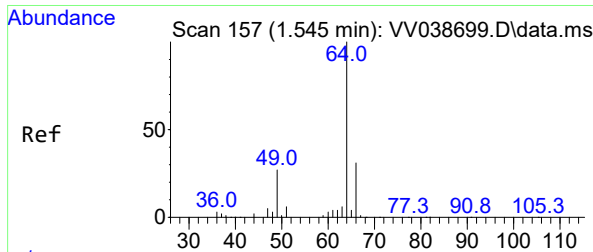


#6
 Bromomethane
 Concen: 5.74 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV038710.D
 Acq: 14 Mar 2025 11:24

Tgt Ion: 94 Resp: 43197
 Ion Ratio Lower Upper
 94 100
 96 93.8 64.3 119.3

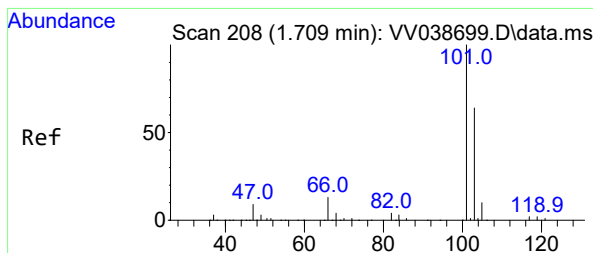
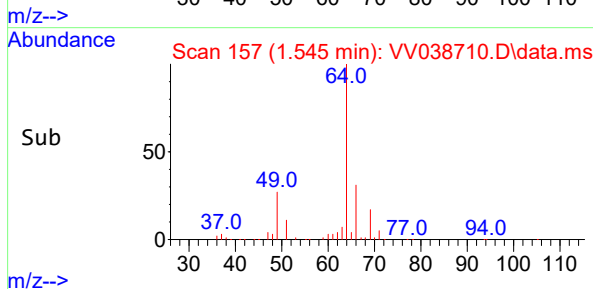
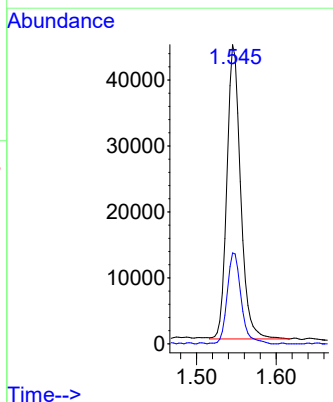
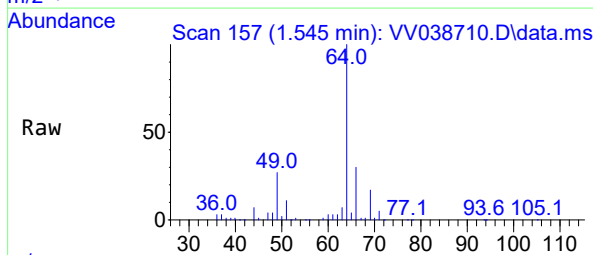


Client Sample ID :
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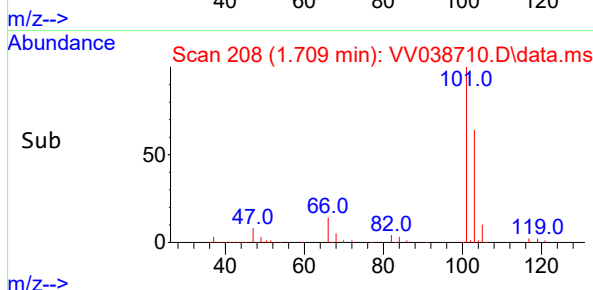
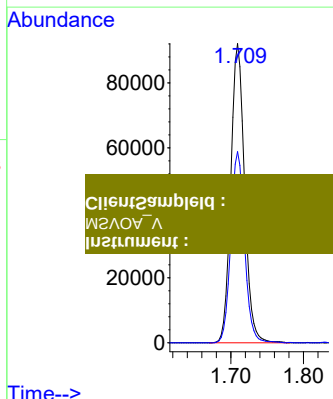
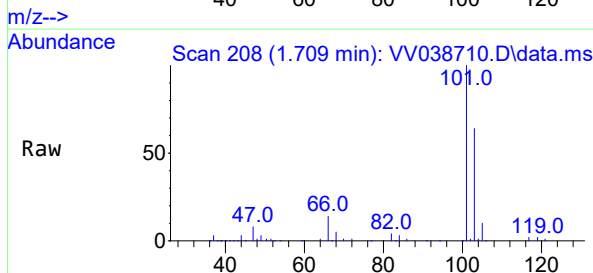
#8
Chloroethane
Concen: 5.10 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.000 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion: 64 Resp: 53333
Ion Ratio Lower Upper
64 100
66 30.4 20.9 38.7

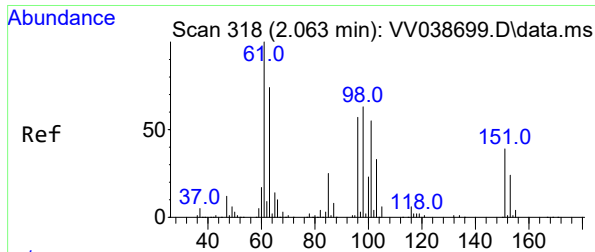


#9
Trichlorofluoromethane
Concen: 5.31 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion: 101 Resp: 120931
Ion Ratio Lower Upper
101 100
103 63.7 52.4 78.6

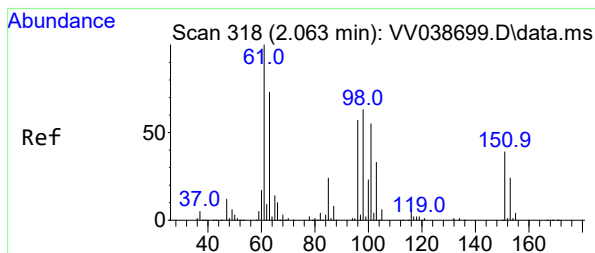
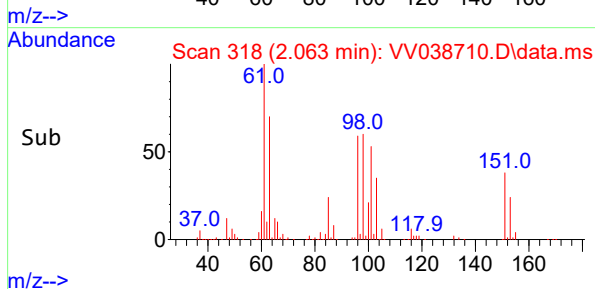
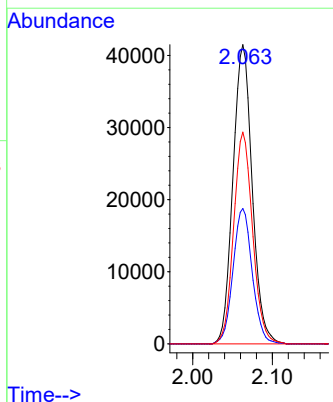
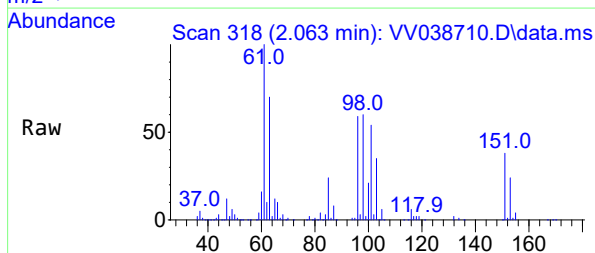


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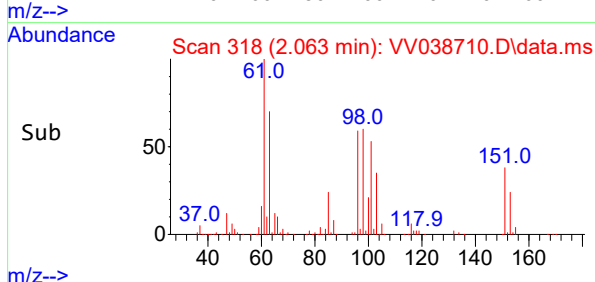
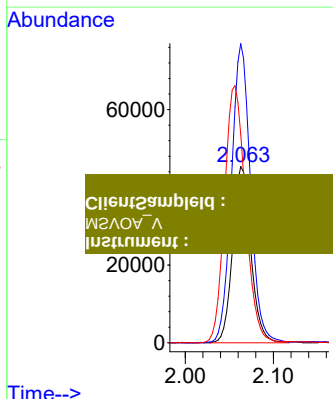
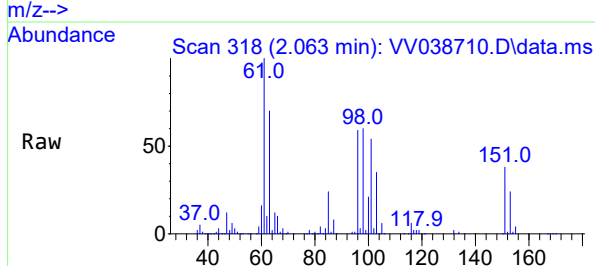
#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.27 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV038710.D
 Acq: 14 Mar 2025 11:24

Tgt Ion:	101	Resp:	69596
Ion Ratio	Lower	Upper	
101	100		
85	45.2	35.0	52.4
151	69.9	55.1	82.7

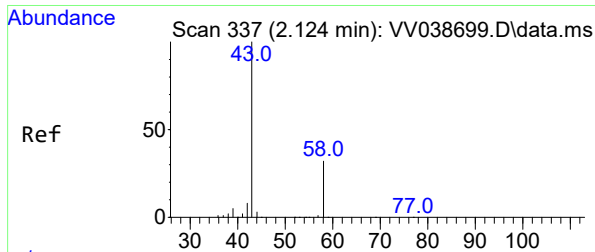


#12
 1,1-Dichloroethene
 Concen: 5.45 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV038710.D
 Acq: 14 Mar 2025 11:24

Tgt Ion:	96	Resp:	65143
Ion Ratio	Lower	Upper	
96	100		
61	169.7	122.8	228.1
63	118.3	92.0	170.8

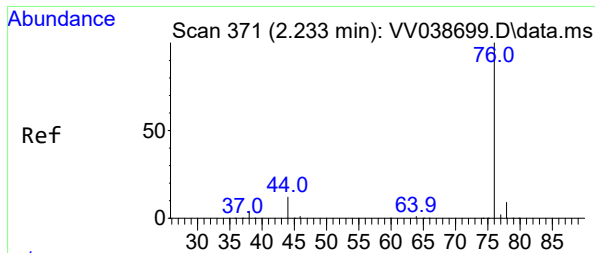
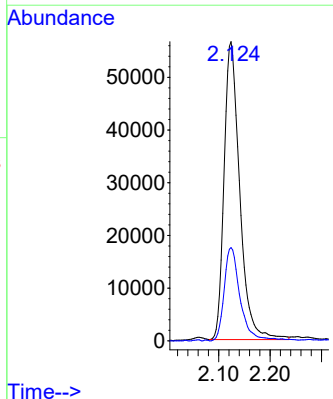
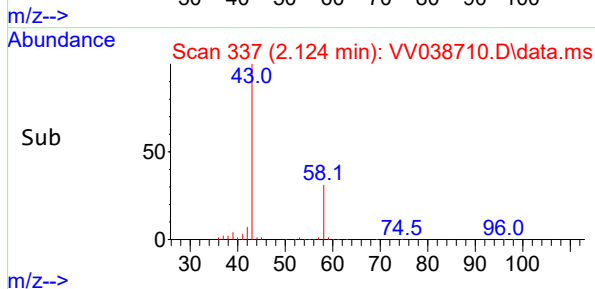
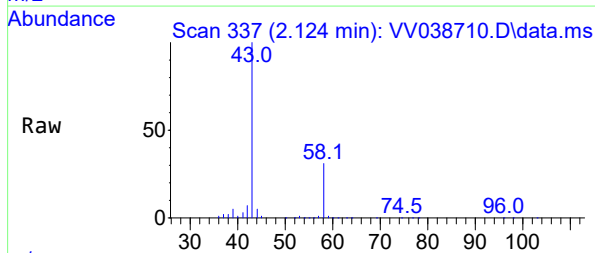


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 Instrument :



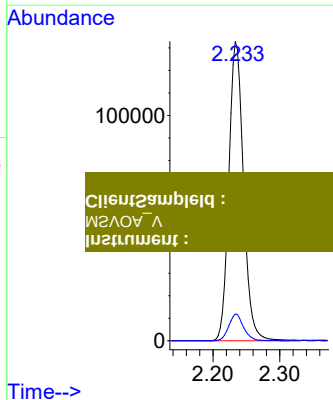
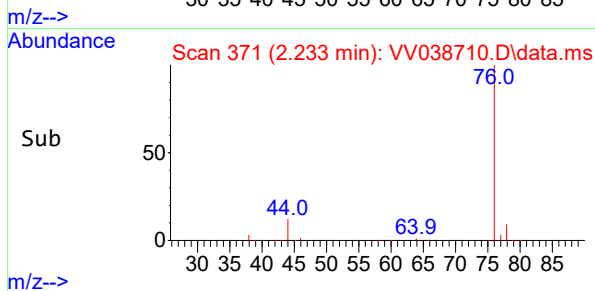
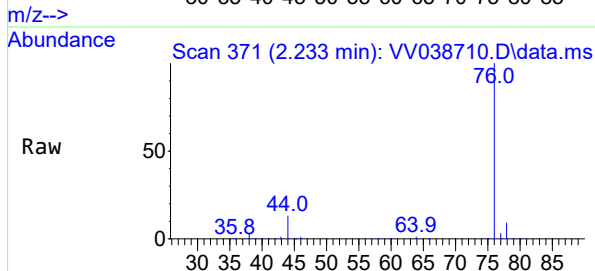
#13
Acetone
Concen: 57.28 ug/L
RT: 2.124 min Scan# 337
Delta R.T. 0.000 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion: 43 Resp: 119385
Ion Ratio Lower Upper
43 100
58 31.6 0.0 67.4

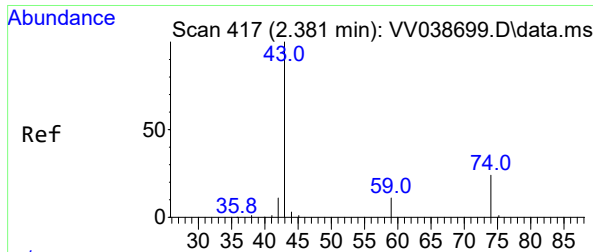


#14
Carbon disulfide
Concen: 5.35 ug/L
RT: 2.233 min Scan# 371
Delta R.T. 0.000 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion: 76 Resp: 202037
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

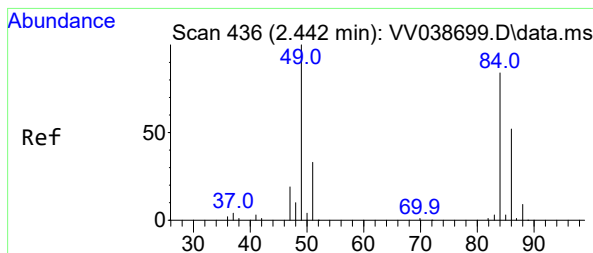
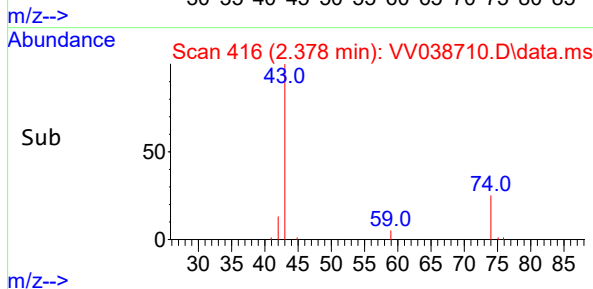
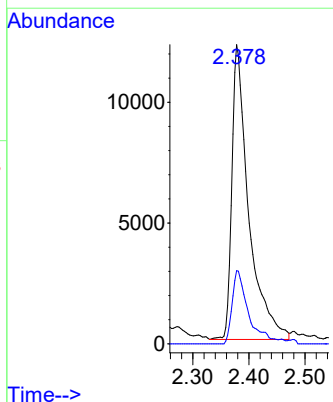
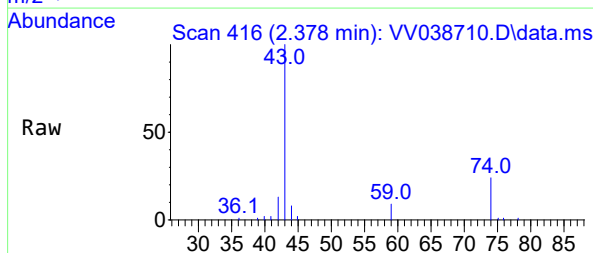


Client Sample ID :
MS/MS
Instrument :



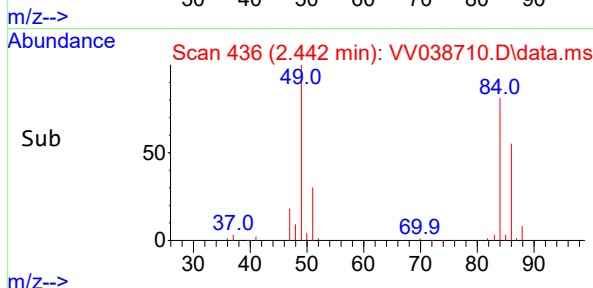
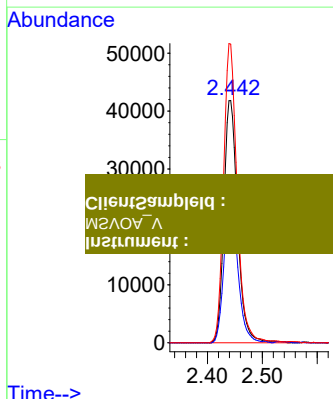
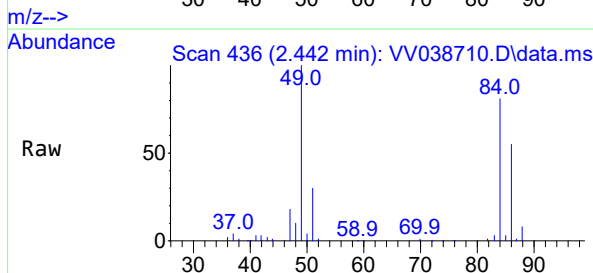
#15
Methyl Acetate
Concen: 5.35 ug/L
RT: 2.378 min Scan# 416
Delta R.T. -0.003 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion: 43 Resp: 25348
Ion Ratio Lower Upper
43 100
74 24.1 18.6 27.8

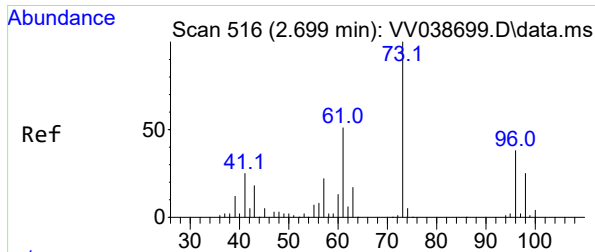


#16
Methylene chloride
Concen: 5.25 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion: 84 Resp: 72295
Ion Ratio Lower Upper
84 100
86 67.8 46.0 85.4
49 123.2 83.9 155.9

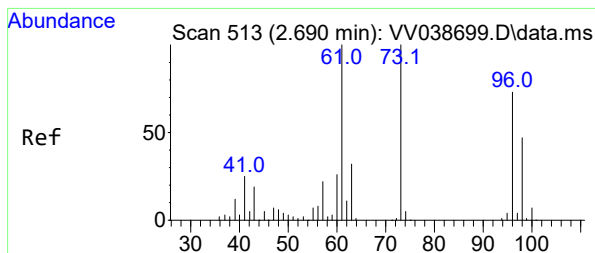
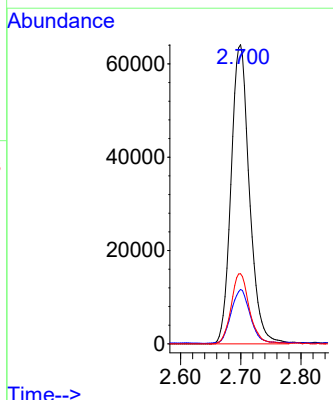
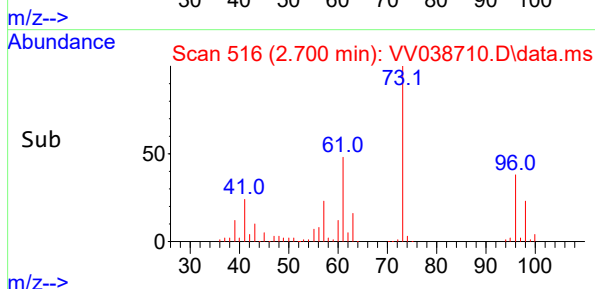
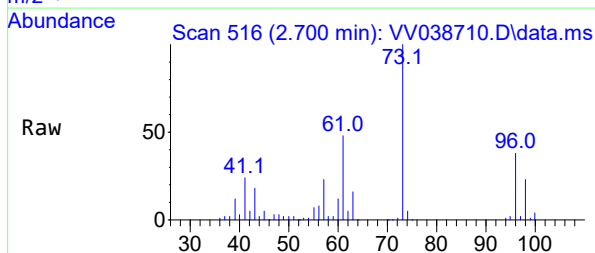


Client Sample ID :
MS/MS
Instrument :



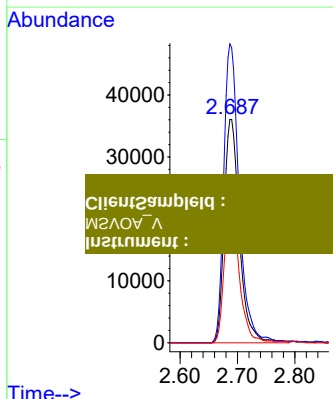
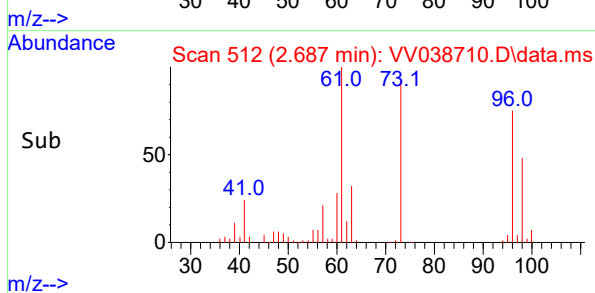
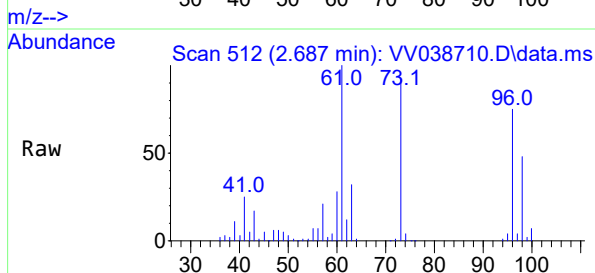
#17
Methyl tert-butyl Ether
Concen: 5.38 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion: 73 Resp: 135472
Ion Ratio Lower Upper
73 100
43 18.7 14.6 22.0
57 23.4 18.2 27.2

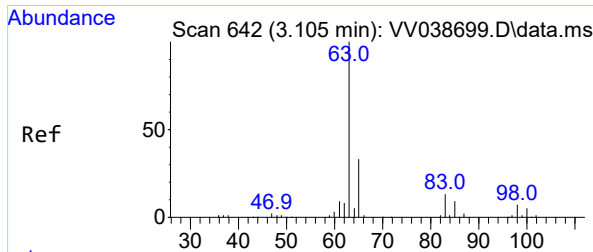


#18
trans-1,2-Dichloroethene
Concen: 5.55 ug/L
RT: 2.687 min Scan# 512
Delta R.T. -0.003 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion: 96 Resp: 66481
Ion Ratio Lower Upper
96 100
61 133.9 91.4 169.8
98 64.2 41.6 77.2

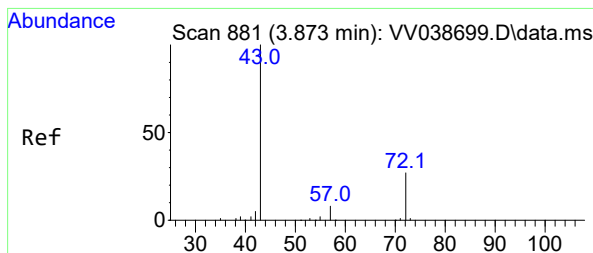
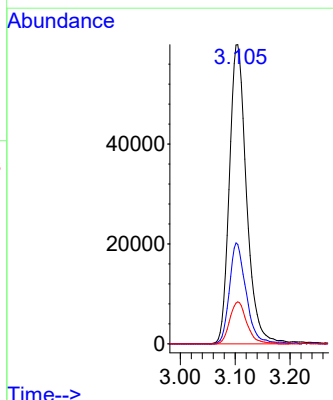
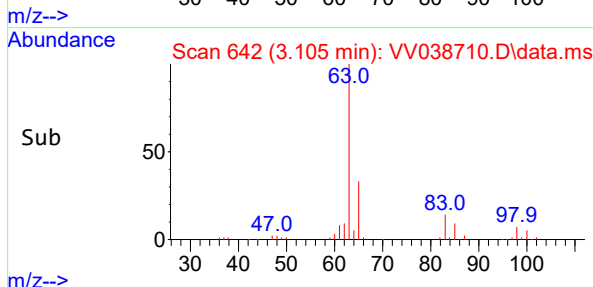
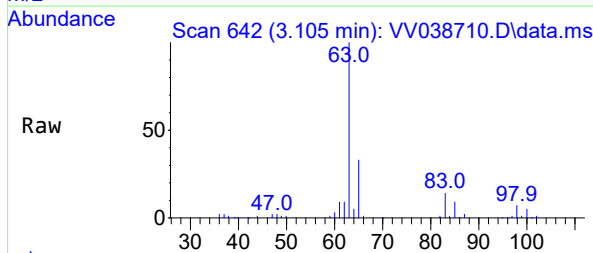


Client Sample ID :
MS2007-1
Instrument :



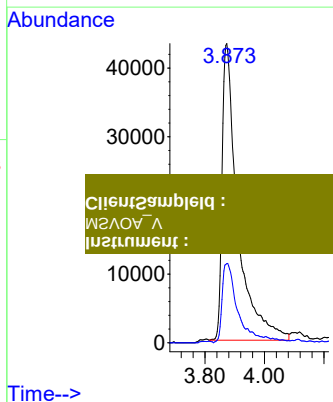
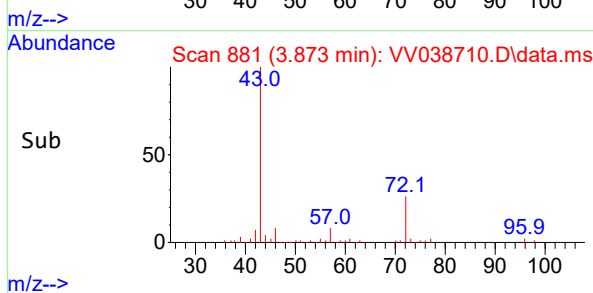
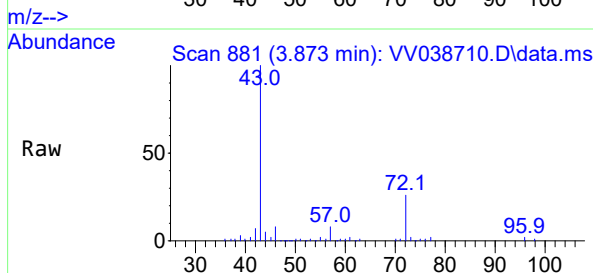
#19
1,1-Dichloroethane
Concen: 5.44 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion:	63	Resp:	129744
Ion	Ratio	Lower	Upper
63	100		
65	33.2	21.8	40.4
83	14.0	9.2	17.2

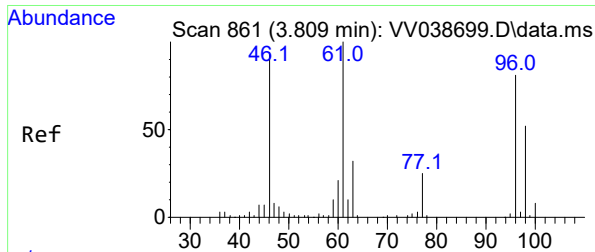


#21
2-Butanone
Concen: 59.56 ug/L
RT: 3.873 min Scan# 881
Delta R.T. 0.000 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion:	43	Resp:	157169
Ion	Ratio	Lower	Upper
43	100		
72	26.0	11.9	35.5



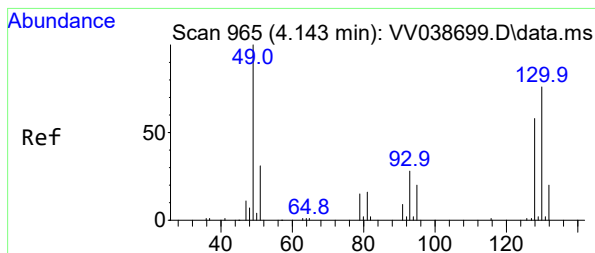
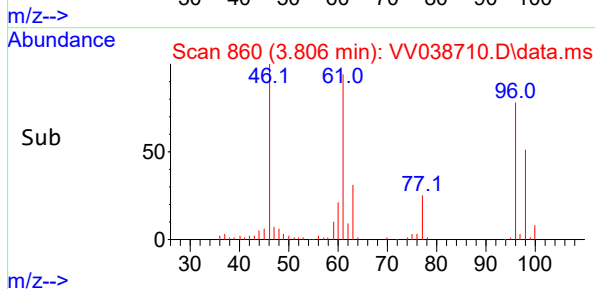
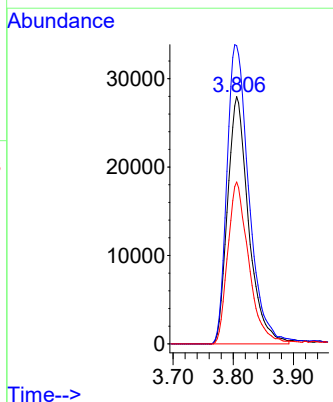
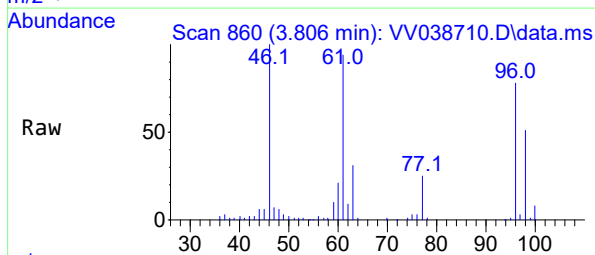
Client Sample ID :
MS2007-1
Instrument :



#22
cis-1,2-Dichloroethene
Concen: 5.43 ug/L
RT: 3.806 min Scan# 860
Delta R.T. -0.003 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion: 96 Resp: 67879

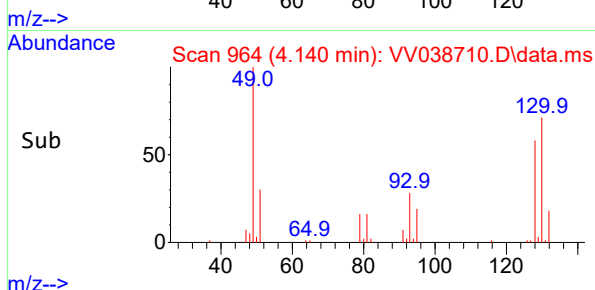
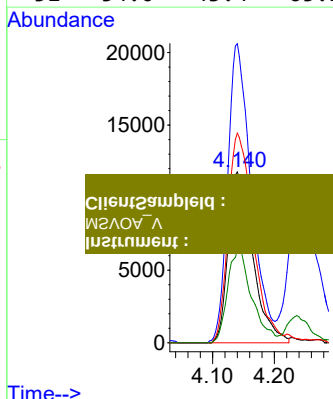
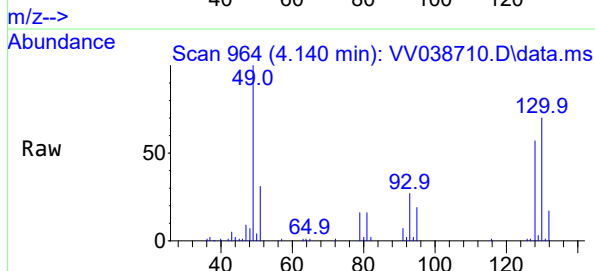
Ion	Ratio	Lower	Upper
96	100		
61	120.6	83.6	155.2
98	65.5	45.6	84.8



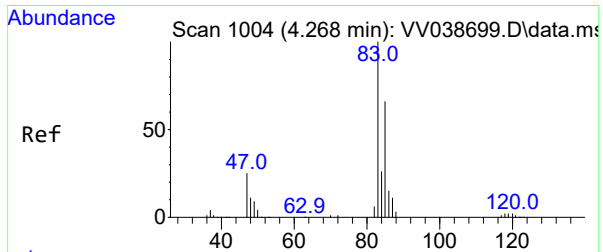
#23
Bromochloromethane
Concen: 5.38 ug/L
RT: 4.140 min Scan# 964
Delta R.T. -0.003 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion: 128 Resp: 32574

Ion	Ratio	Lower	Upper
128	100		
49	175.1	116.0	215.4
130	122.8	90.2	167.6
51	54.0	43.4	65.2

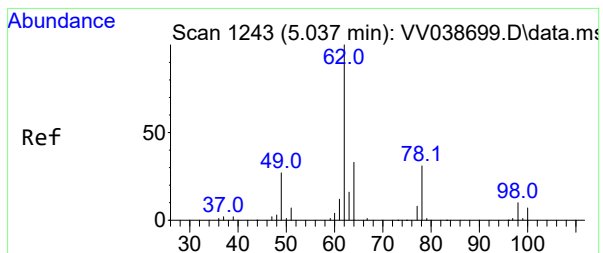
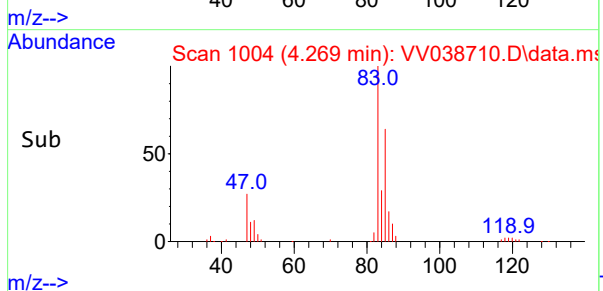
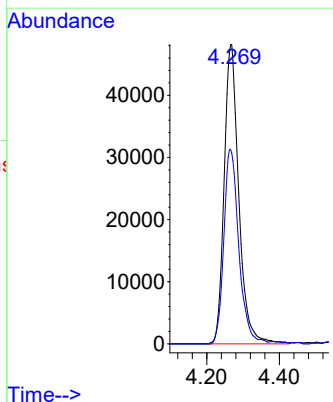
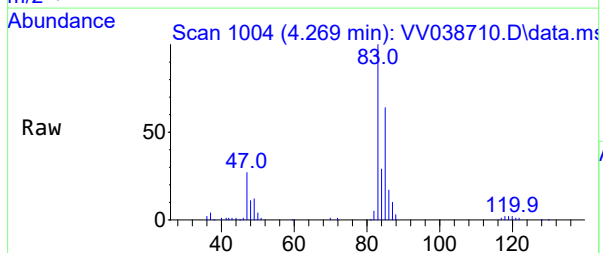


Client Sample ID :
MS2007A
Instrument :



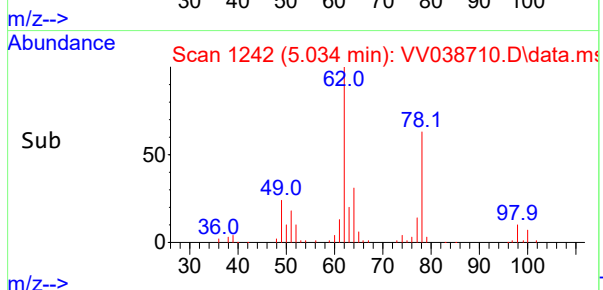
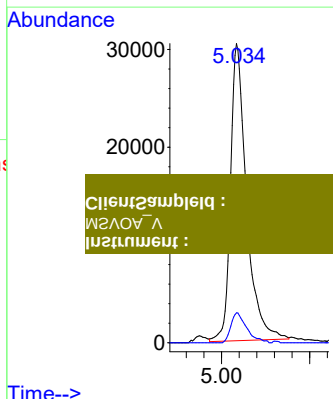
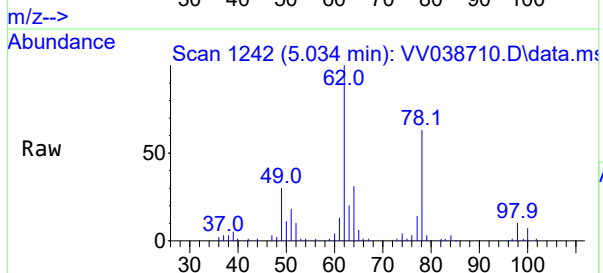
#25
Chloroform
Concen: 5.51 ug/L
RT: 4.269 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion: 83 Resp: 134634
Ion Ratio Lower Upper
83 100
85 63.8 47.2 87.6

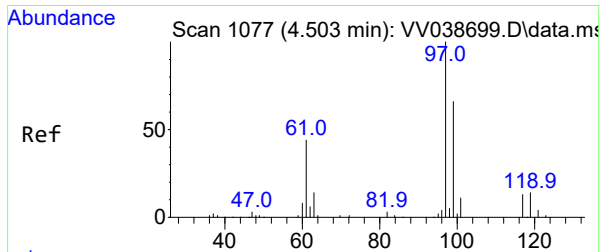


#27
1,2-Dichloroethane
Concen: 5.67 ug/L
RT: 5.034 min Scan# 1242
Delta R.T. -0.003 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion: 62 Resp: 76546
Ion Ratio Lower Upper
62 100
98 10.0 7.7 11.5

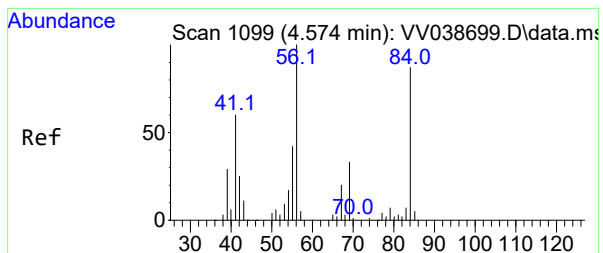
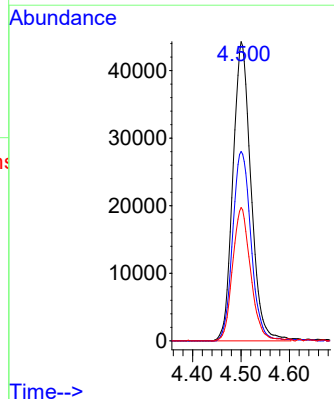
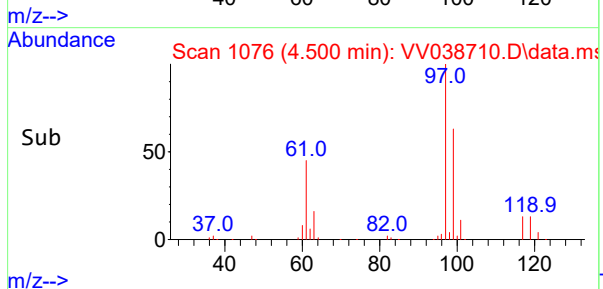
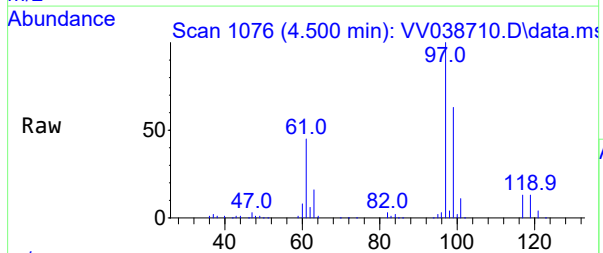


Client Sample ID :
MS2A07A
Instrument :



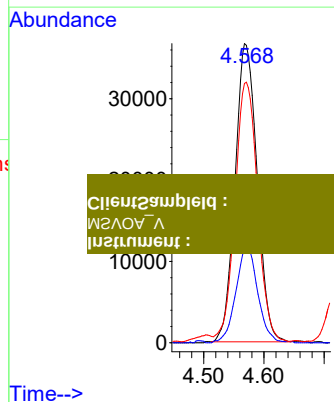
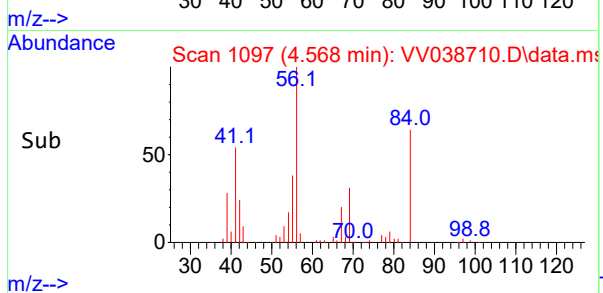
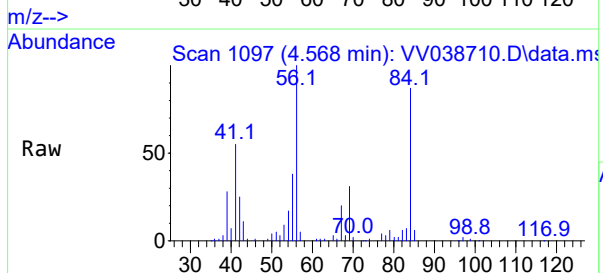
#29
1,1,1-Trichloroethane
Concen: 5.41 ug/L
RT: 4.500 min Scan# 1076
Delta R.T. -0.003 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion:	97	Resp:	114450
Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.9	76.3
61	44.6	35.8	53.6

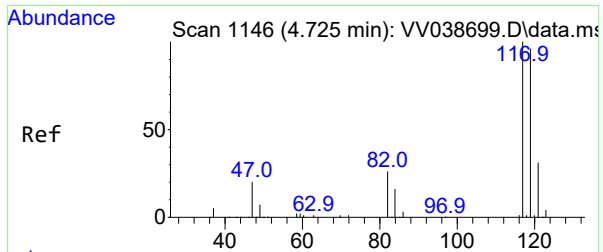


#30
Cyclohexane
Concen: 5.37 ug/L
RT: 4.568 min Scan# 1097
Delta R.T. -0.006 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion:	56	Resp:	93428
Ion	Ratio	Lower	Upper
56	100		
69	31.8	24.0	36.0
84	88.5	72.7	109.1

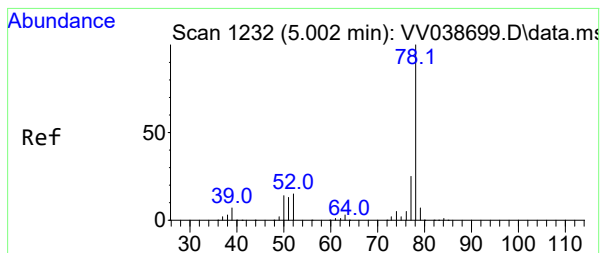
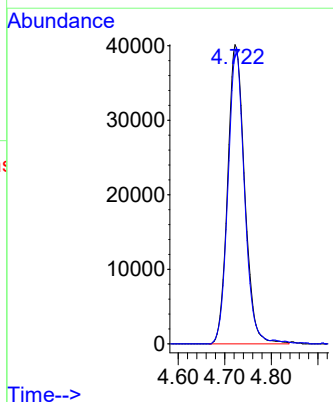
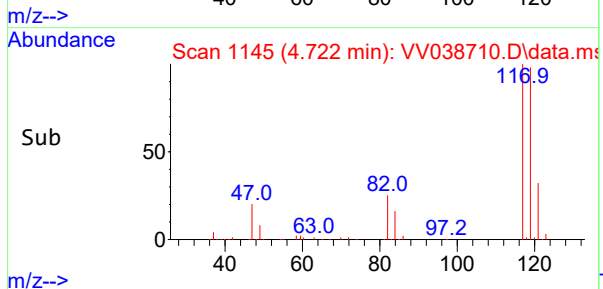
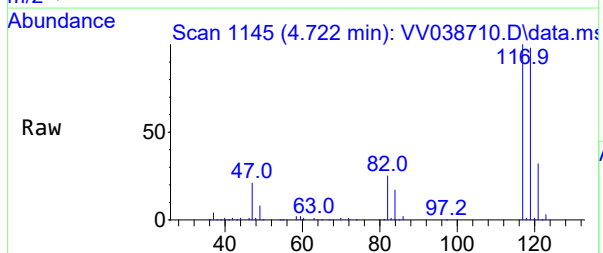


Client Sample ID :
INSTRUMENT :



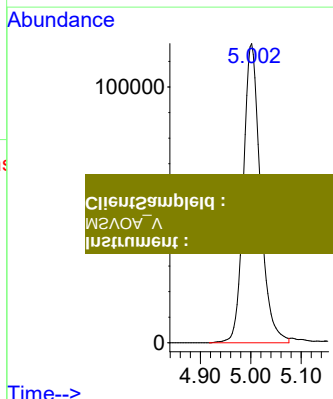
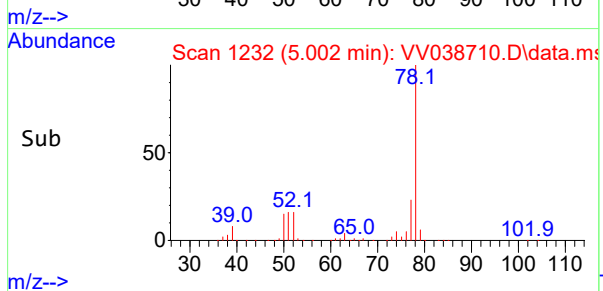
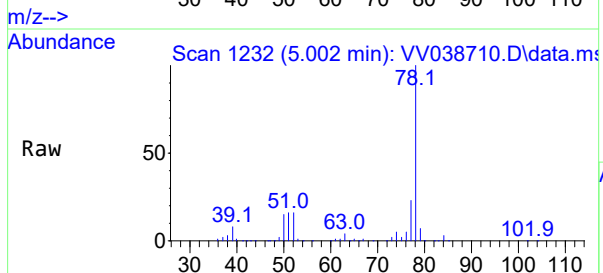
#31
Carbon tetrachloride
Concen: 5.29 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. -0.003 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion: 117 Resp: 101667
Ion Ratio Lower Upper
117 100
119 94.8 76.5 114.7

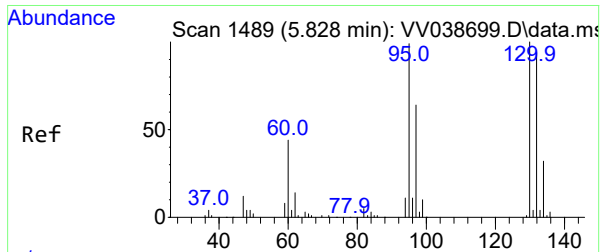


#33
Benzene
Concen: 5.67 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion: 78 Resp: 274374

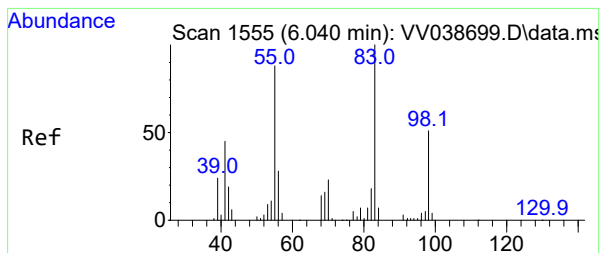
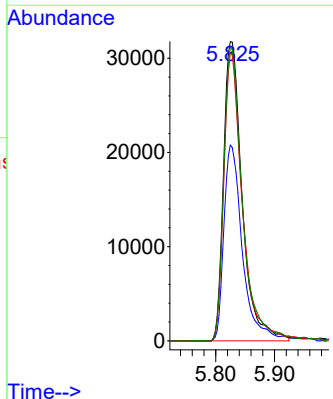
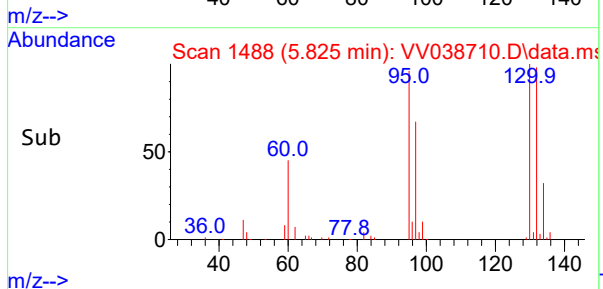
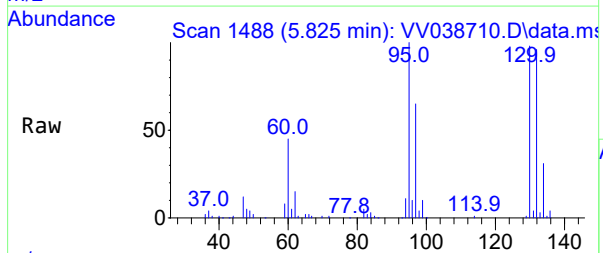


Client Sample ID :
INSTRUMENT :



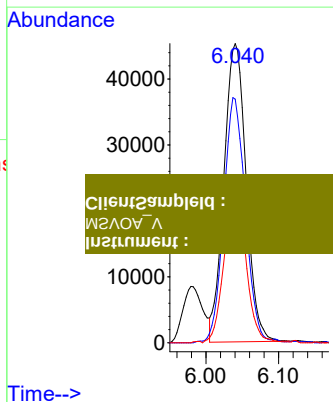
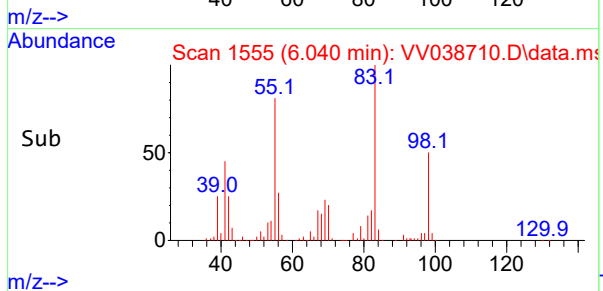
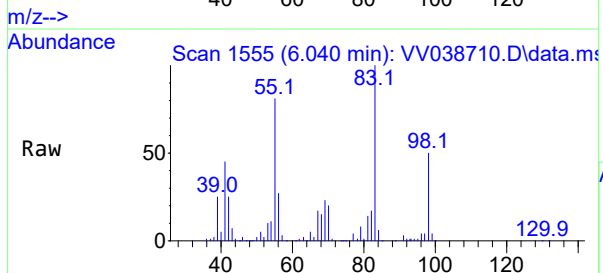
#34
Trichloroethene
Concen: 5.35 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. -0.003 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion:	95	Resp:	70171
Ion	Ratio	Lower	Upper
95	100		
97	65.5	43.5	80.9
132	96.2	64.0	118.8
130	98.0	66.9	124.3

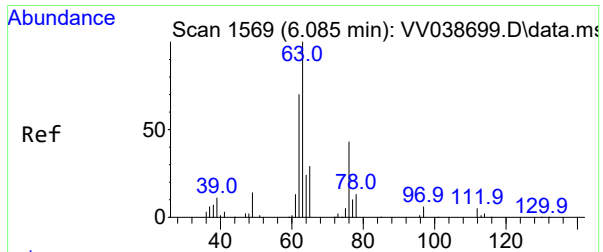


#35
Methylcyclohexane
Concen: 5.06 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion:	83	Resp:	96140
Ion	Ratio	Lower	Upper
83	100		
55	80.6	62.6	94.0
98	50.3	38.7	58.1

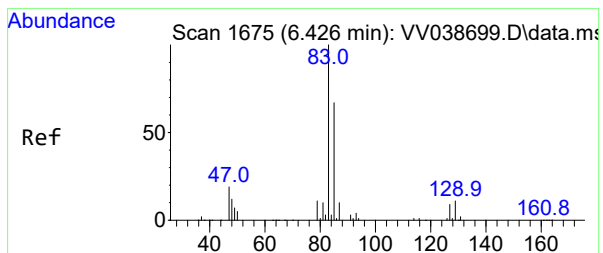
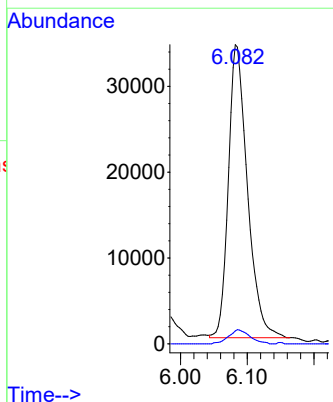
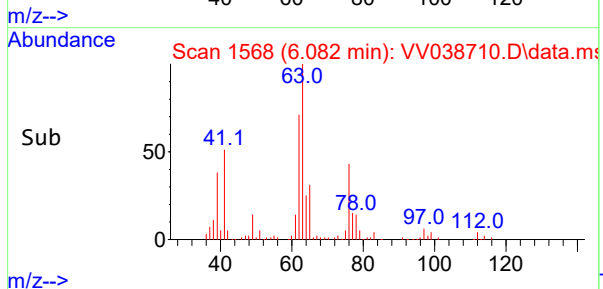
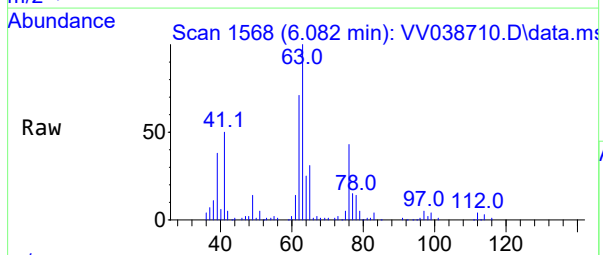


Client Sample ID :
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Instrument :



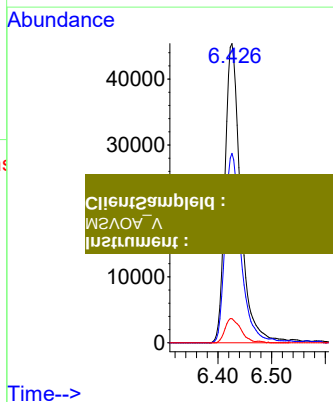
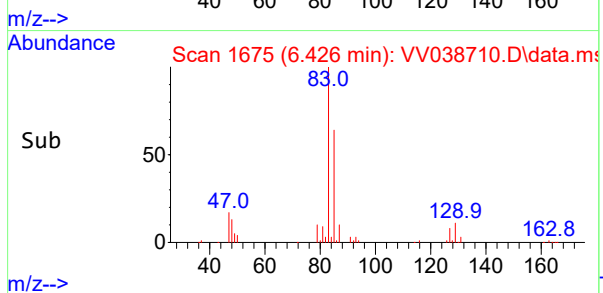
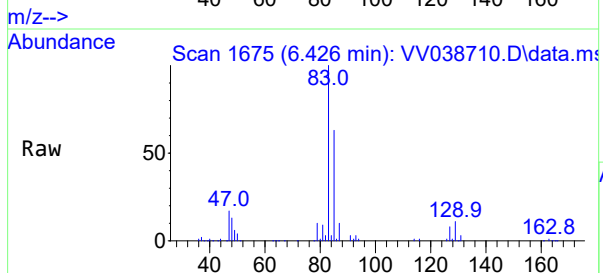
#37
1,2-Dichloropropane
Concen: 5.18 ug/L
RT: 6.082 min Scan# 1568
Delta R.T. -0.003 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion: 63 Resp: 67722
Ion Ratio Lower Upper
63 100
112 5.4 3.6 5.4

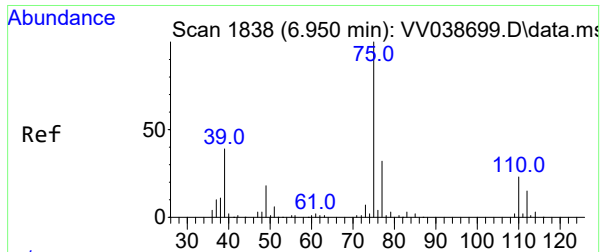


#38
Bromodichloromethane
Concen: 5.31 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion: 83 Resp: 91729
Ion Ratio Lower Upper
83 100
85 63.3 44.0 81.6
127 8.1 6.2 9.4

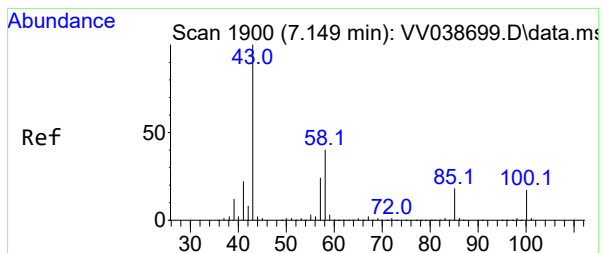
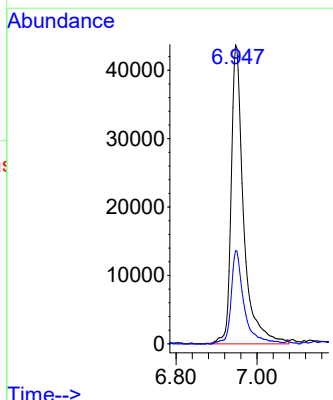
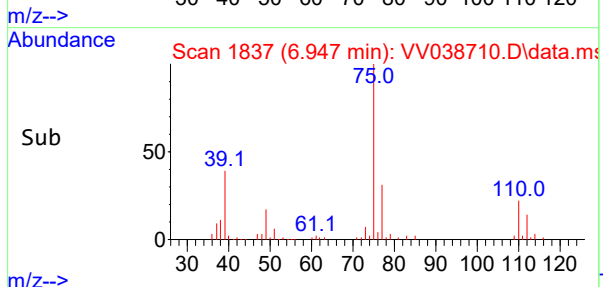
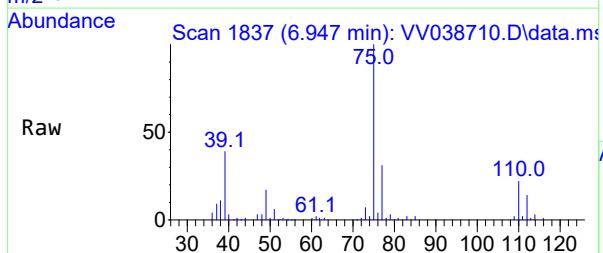


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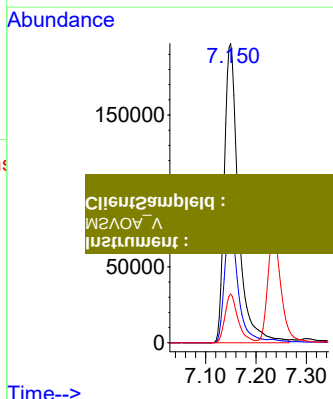
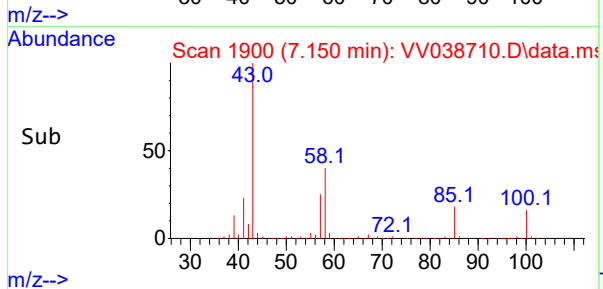
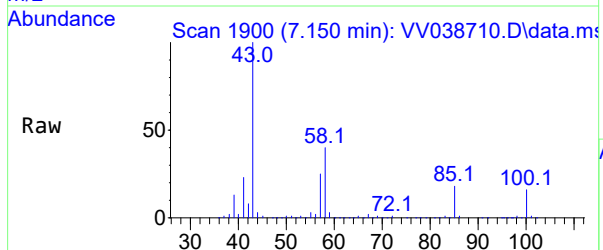
#39
 cis-1,3-Dichloropropene
 Concen: 5.46 ug/L
 RT: 6.947 min Scan# 1837
 Delta R.T. -0.003 min
 Lab File: VV038710.D
 Acq: 14 Mar 2025 11:24

Tgt Ion: 75 Resp: 93336
 Ion Ratio Lower Upper
 75 100
 77 31.1 21.3 39.5

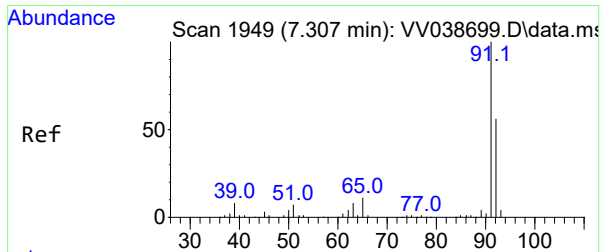


#40
 4-Methyl-2-pentanone
 Concen: 58.32 ug/L
 RT: 7.150 min Scan# 1900
 Delta R.T. 0.000 min
 Lab File: VV038710.D
 Acq: 14 Mar 2025 11:24

Tgt Ion: 43 Resp: 381825
 Ion Ratio Lower Upper
 43 100
 58 39.0 31.1 46.7
 100 15.2 12.0 18.0

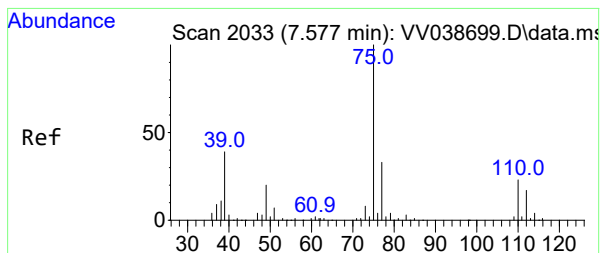
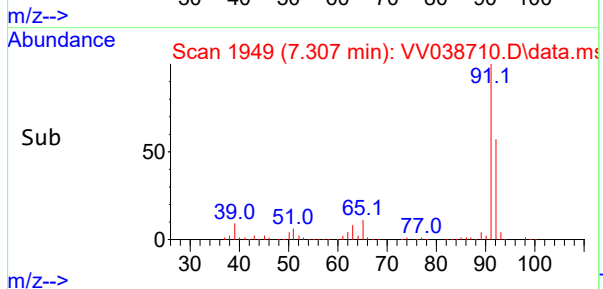
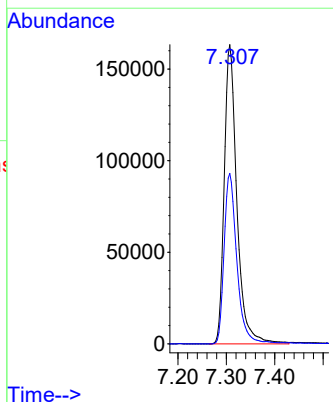
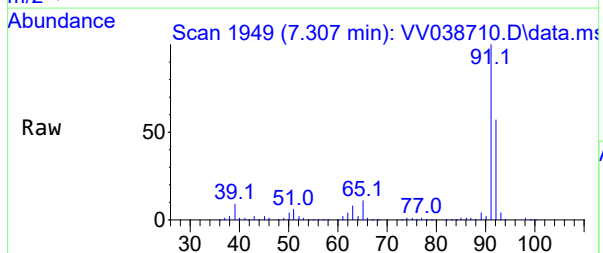


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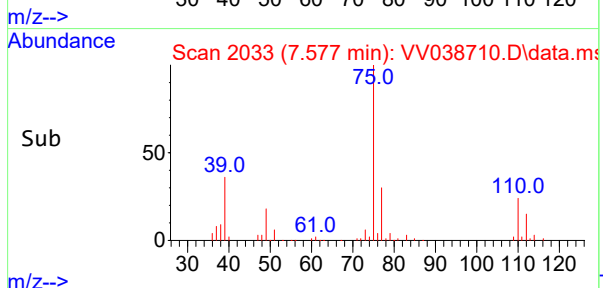
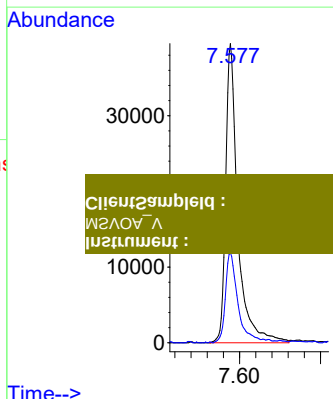
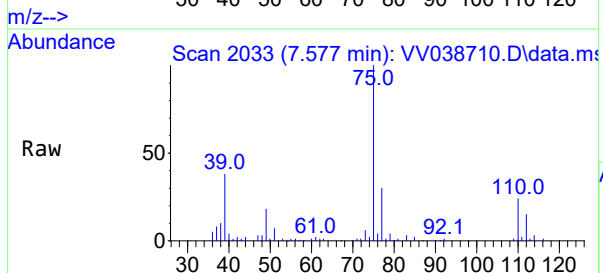
#42
Toluene
Concen: 5.91 ug/L
RT: 7.307 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion: 91 Resp: 295980
Ion Ratio Lower Upper
91 100
92 57.0 39.3 72.9

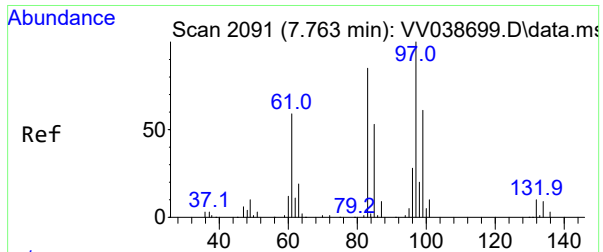


#44
trans-1,3-Dichloropropene
Concen: 5.66 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion: 75 Resp: 81609
Ion Ratio Lower Upper
75 100
77 30.1 21.4 39.8

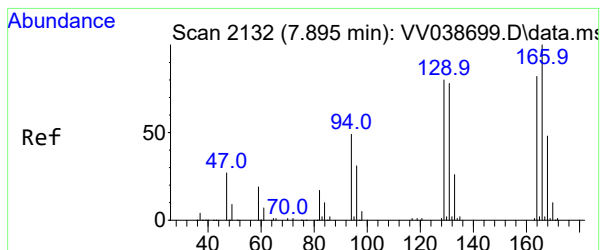
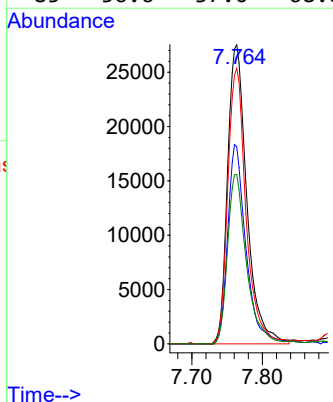
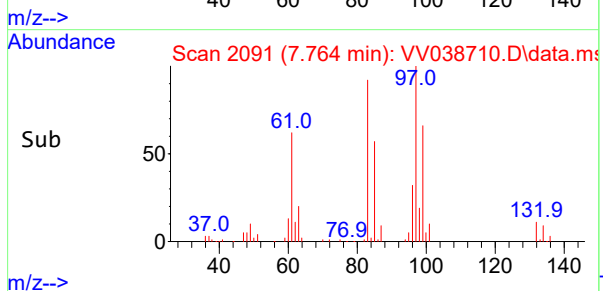
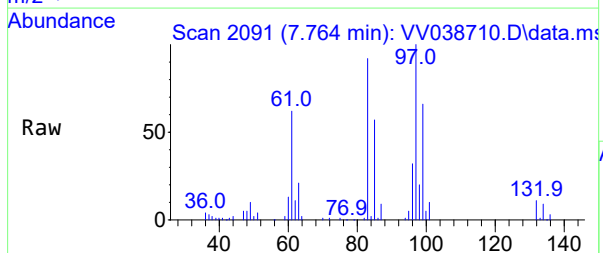


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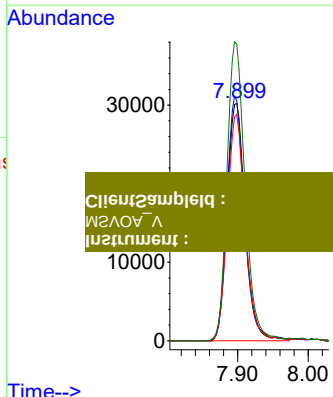
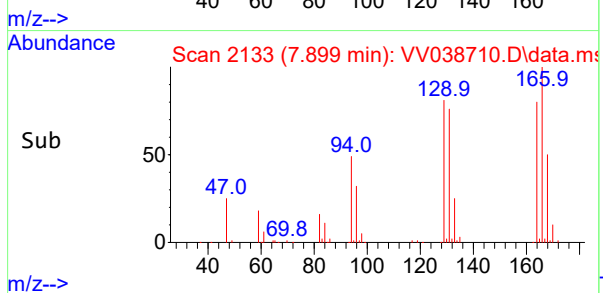
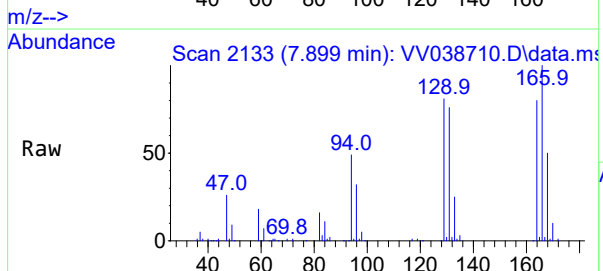
#45
1,1,2-Trichloroethane
Concen: 5.31 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion:	97	Resp:	51993
Ion	Ratio	Lower	Upper
97	100		
99	65.8	42.7	79.3
83	92.2	57.2	106.2
85	56.6	37.0	68.8

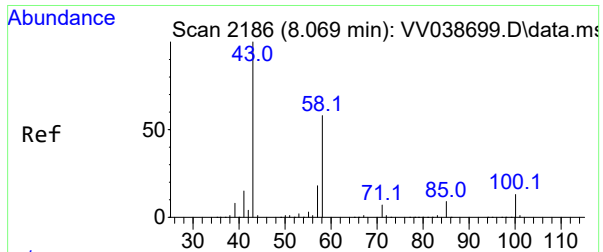


#47
Tetrachloroethene
Concen: 5.38 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion:	164	Resp:	53682
Ion	Ratio	Lower	Upper
164	100		
129	101.2	66.3	123.1
131	95.3	63.2	117.4
166	124.9	85.4	158.6

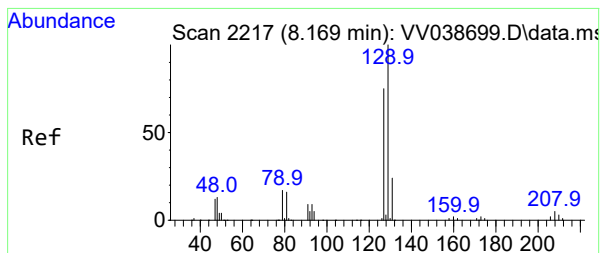
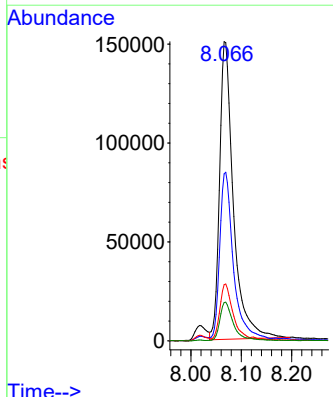
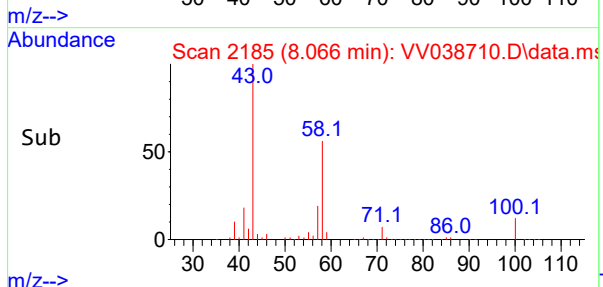
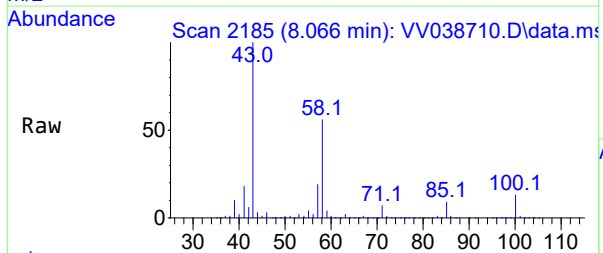


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Instrument :



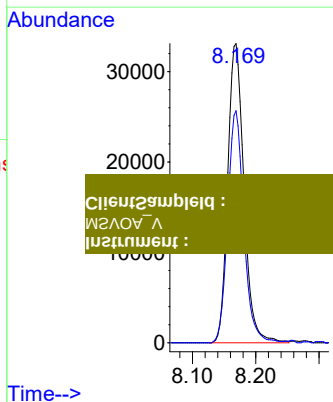
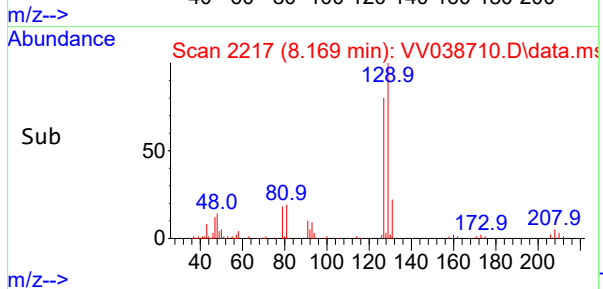
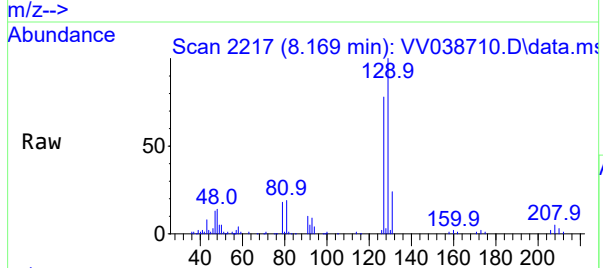
#48
2-Hexanone
Concen: 61.30 ug/L
RT: 8.066 min Scan# 2185
Delta R.T. -0.003 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion:	43	Resp:	287072
Ion Ratio	Lower	Upper	
43	100		
58	55.1	46.1	69.1
57	17.1	15.0	22.6
100	12.4	10.5	15.7

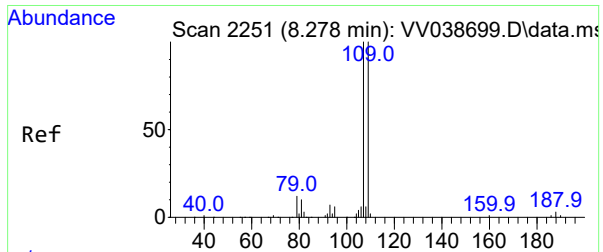


#49
Dibromochloromethane
Concen: 5.43 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion:	129	Resp:	58906
Ion Ratio	Lower	Upper	
129	100		
127	77.6	53.5	99.3

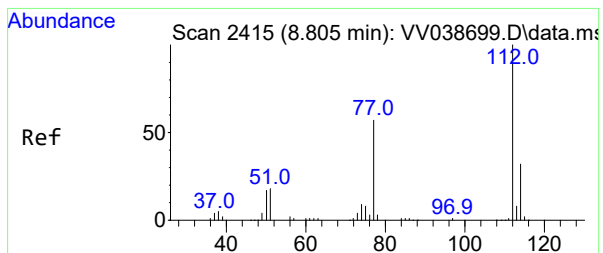
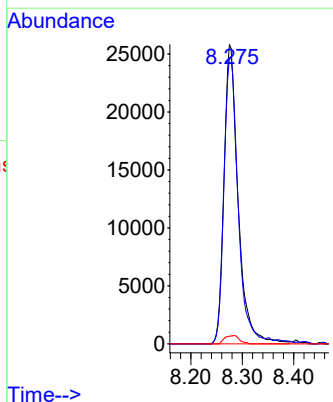
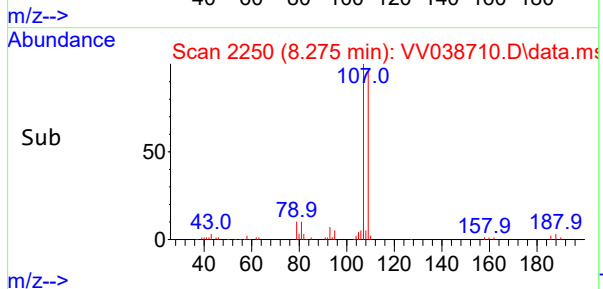
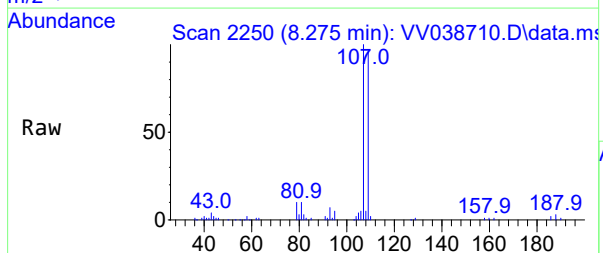


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MS2007A
Instrument :



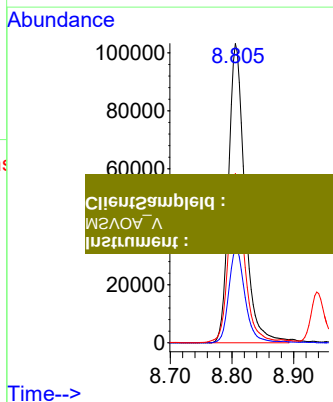
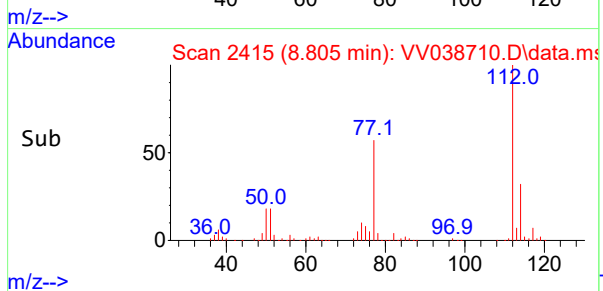
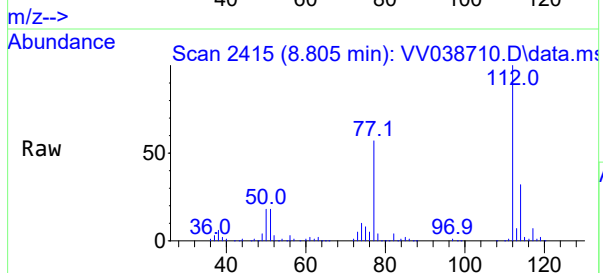
#50
1,2-Dibromoethane
Concen: 5.65 ug/L
RT: 8.275 min Scan# 2250
Delta R.T. -0.003 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion:107 Resp: 49390
Ion Ratio Lower Upper
107 100
109 95.6 70.2 130.4
188 2.6 2.8 4.2#

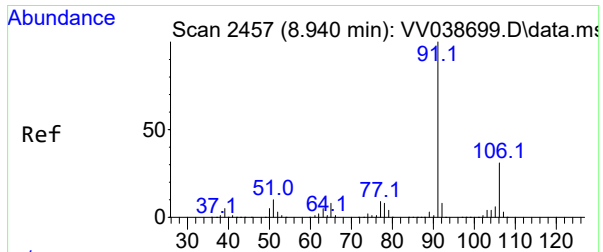


#51
Chlorobenzene
Concen: 5.48 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion:112 Resp: 186890
Ion Ratio Lower Upper
112 100
114 31.6 22.6 42.0
77 56.5 47.0 70.6

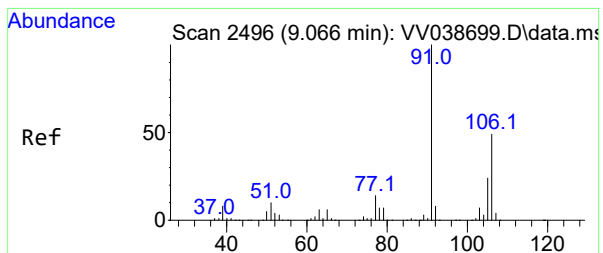
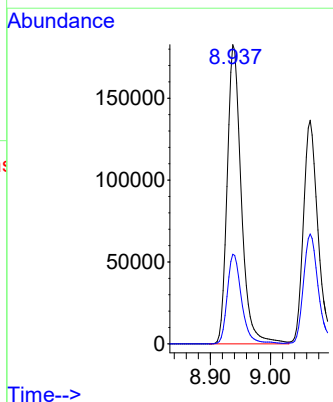
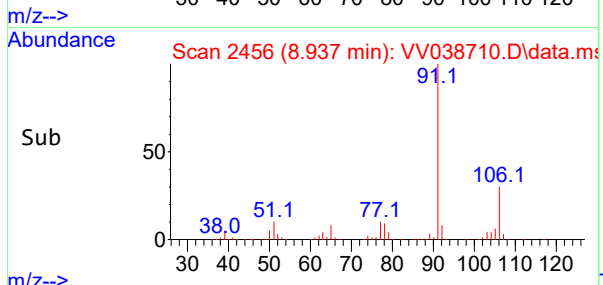
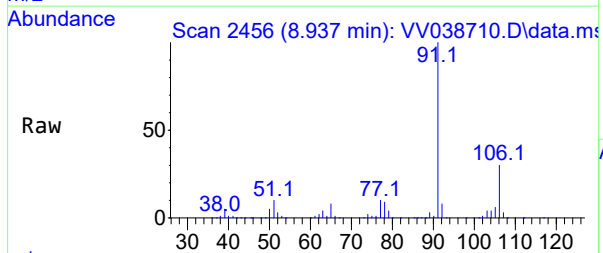


Client Sample ID :
INSTRUMENT :



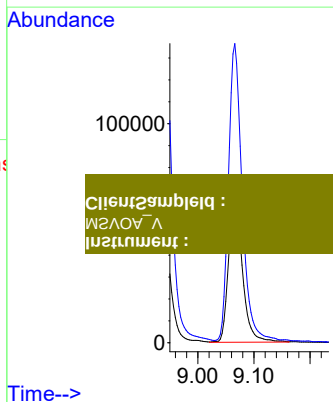
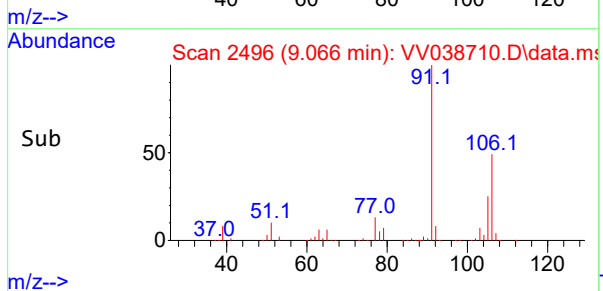
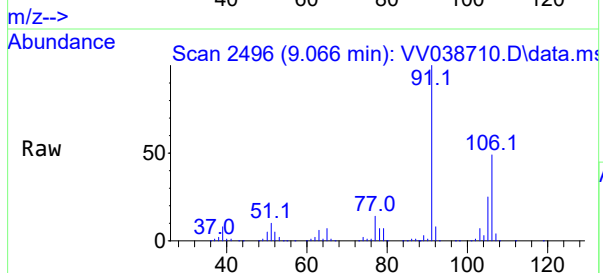
#52
Ethylbenzene
Concen: 5.44 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. -0.003 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion: 91 Resp: 296878
Ion Ratio Lower Upper
91 100
106 30.0 21.3 39.6

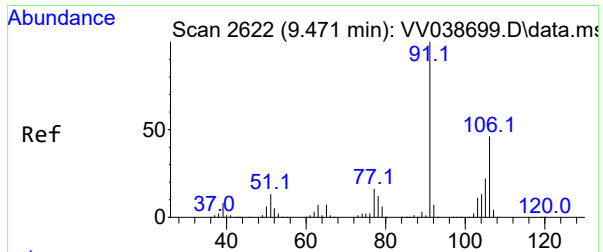


#53
m,p-Xylene
Concen: 5.61 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.000 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion:106 Resp: 115329
Ion Ratio Lower Upper
106 100
91 203.5 146.3 271.7

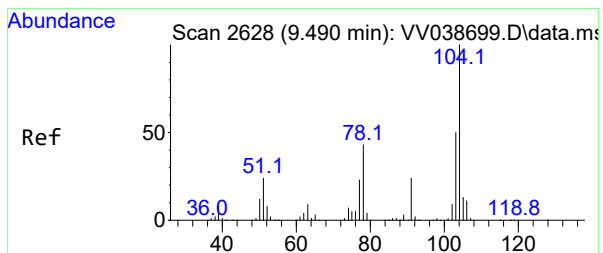
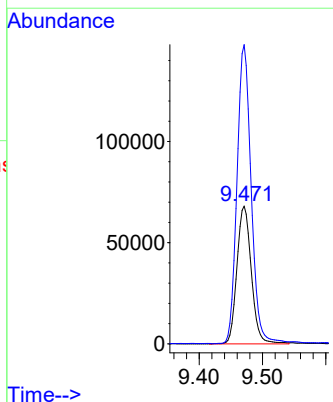
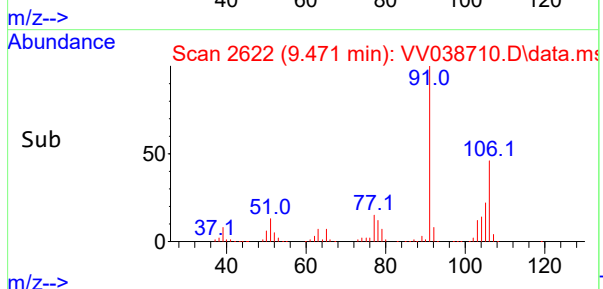
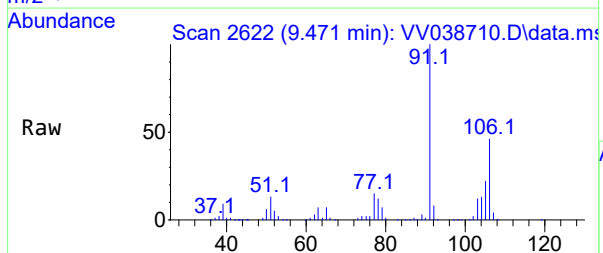


Client Sample ID :
M2A047A
Instrument :



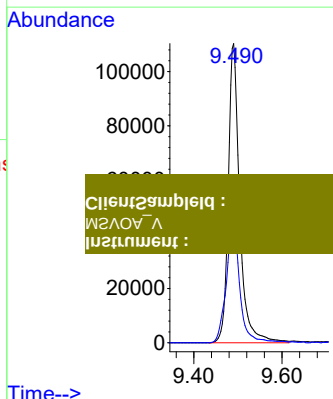
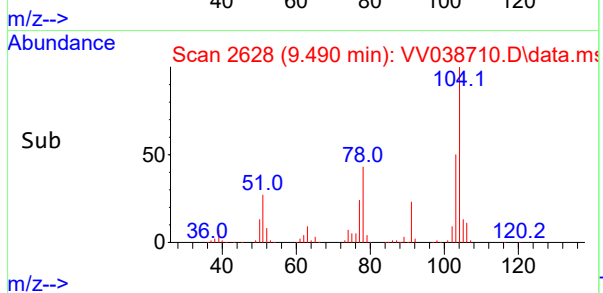
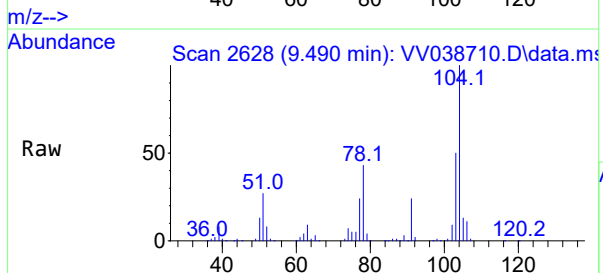
#54
o-Xylene
Concen: 5.63 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion:106 Resp: 107495
Ion Ratio Lower Upper
106 100
91 217.1 150.8 280.0

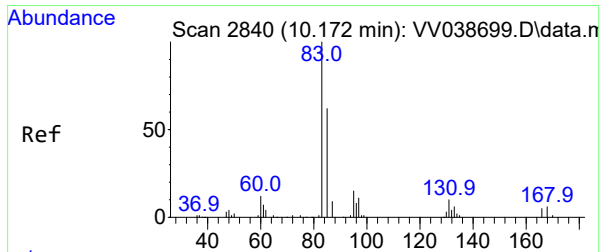


#55
Styrene
Concen: 6.02 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion:104 Resp: 198105
Ion Ratio Lower Upper
104 100
78 43.4 30.5 56.7

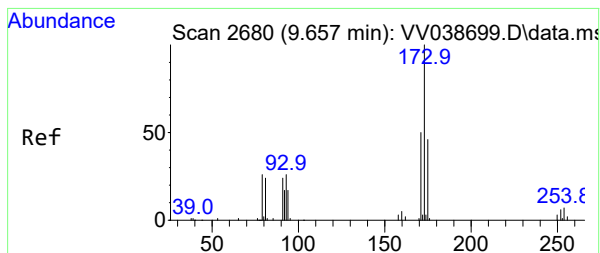
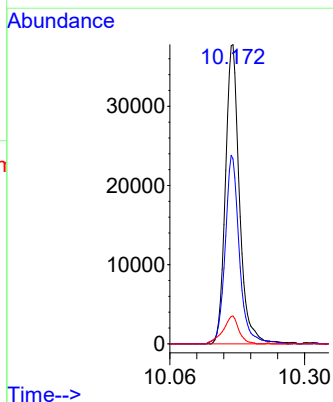
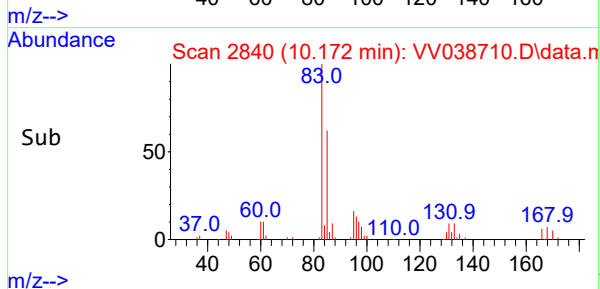
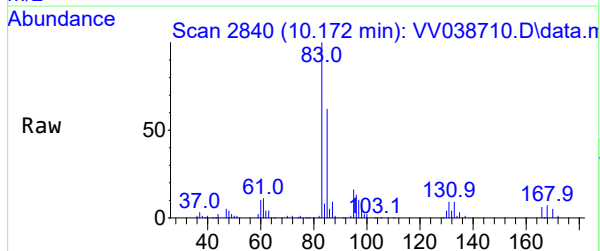


Client Sample ID :
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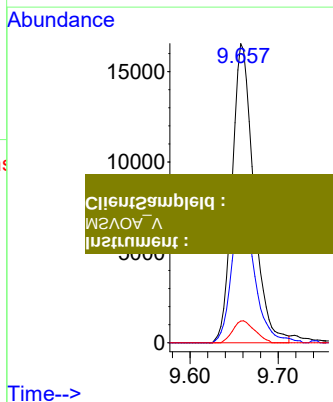
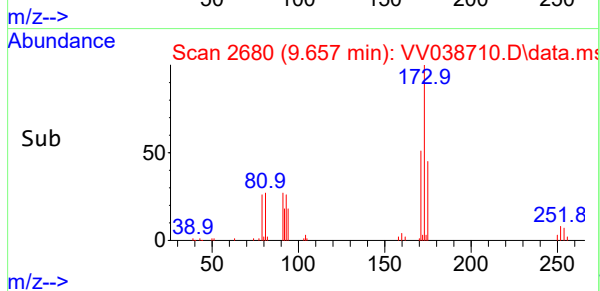
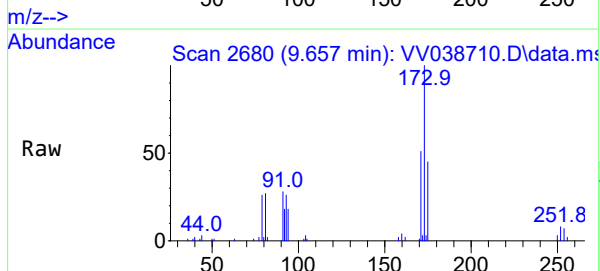
#57
1,1,2,2-Tetrachloroethane
Concen: 5.64 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion:	83	Resp:	65490
Ion Ratio	Lower	Upper	
83	100		
85	61.8	46.1	85.5
131	9.3	8.5	12.7

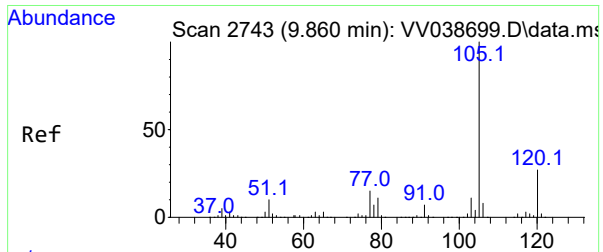


#59
Bromoform
Concen: 4.59 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. 0.000 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion:	173	Resp:	27977
Ion Ratio	Lower	Upper	
173	100		
175	49.5	39.5	59.3
254	7.5	5.7	8.5

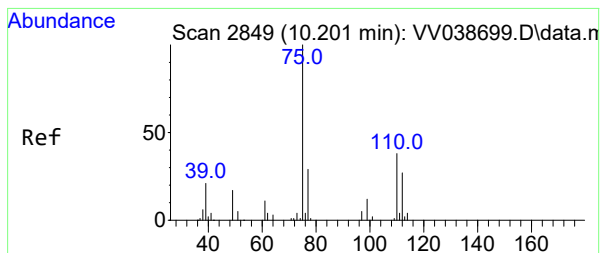
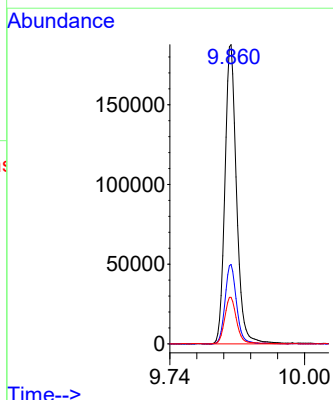
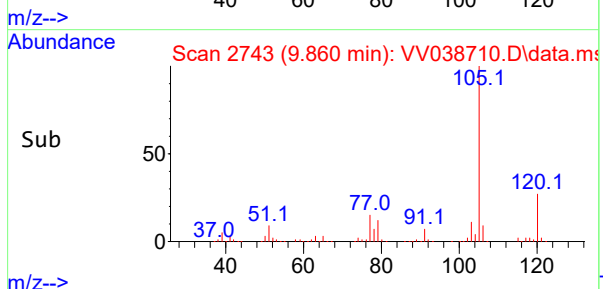
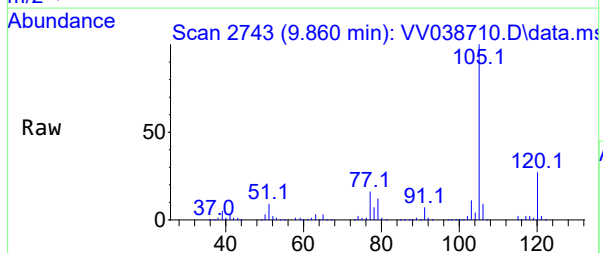


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Instrument :



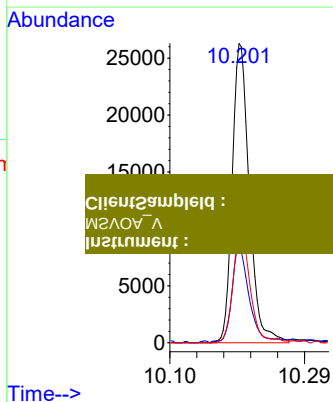
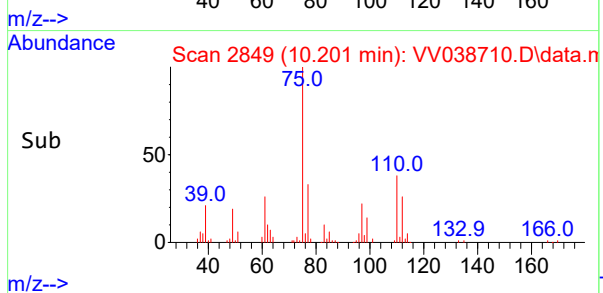
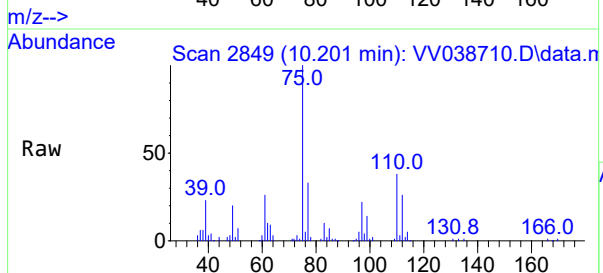
#60
Isopropylbenzene
Concen: 5.34 ug/L
RT: 9.860 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion:	105	Resp:	294319
Ion Ratio	Lower	Upper	
105	100		
120	26.2	21.0	31.4
77	16.2	12.2	18.4

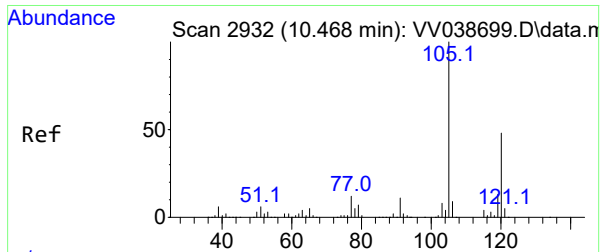


#61
1,2,3-Trichloropropane
Concen: 5.43 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. 0.000 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion:	75	Resp:	44181
Ion Ratio	Lower	Upper	
75	100		
77	33.1	25.5	38.3
110	37.7	30.9	46.3

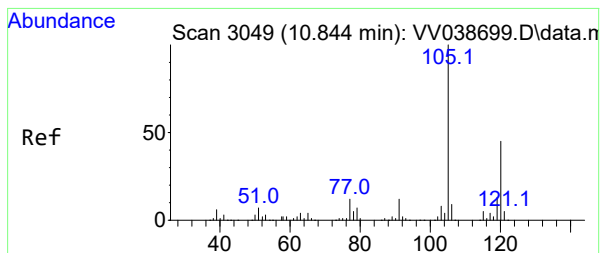
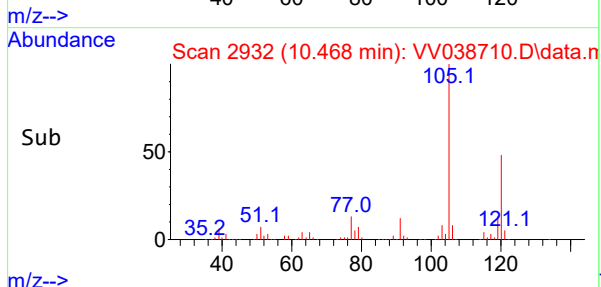
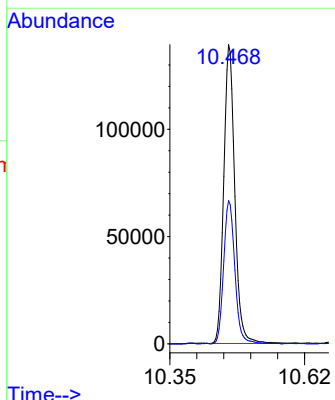
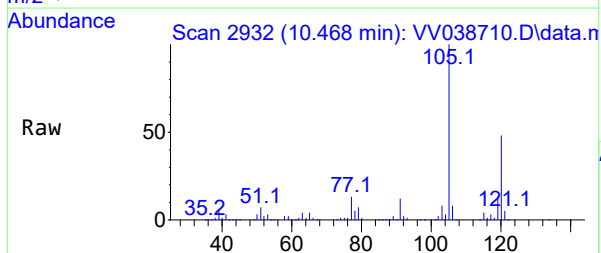


Client Sample ID :
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Instrument :



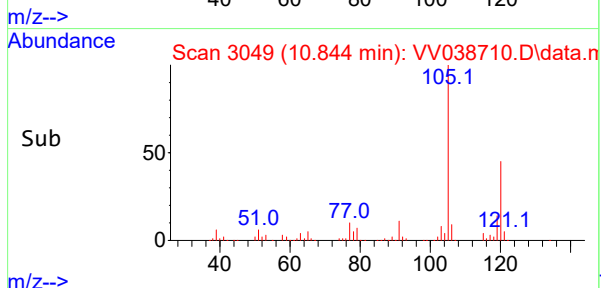
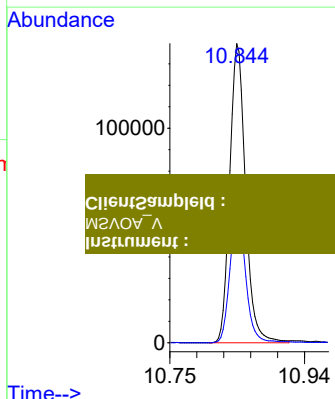
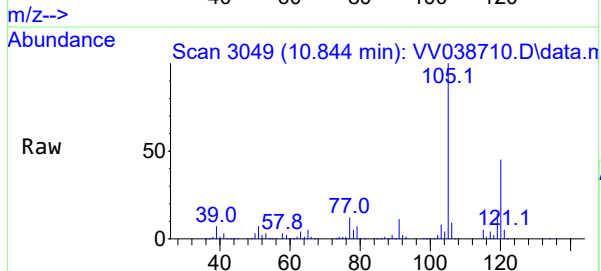
#62
1,3,5-Trimethylbenzene
Concen: 5.04 ug/L
RT: 10.468 min Scan# 2932
Delta R.T. 0.000 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion:105 Resp: 215733
Ion Ratio Lower Upper
105 100
120 48.8 38.3 57.5

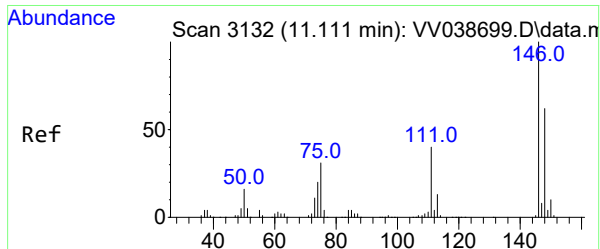


#63
1,2,4-Trimethylbenzene
Concen: 5.19 ug/L
RT: 10.844 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion:105 Resp: 216474
Ion Ratio Lower Upper
105 100
120 44.5 36.2 54.2

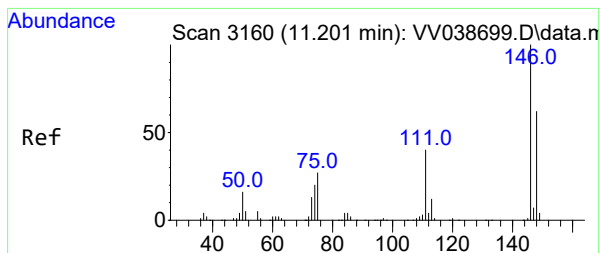
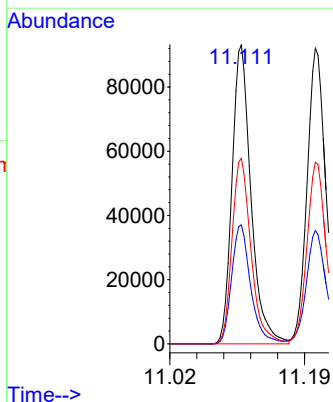
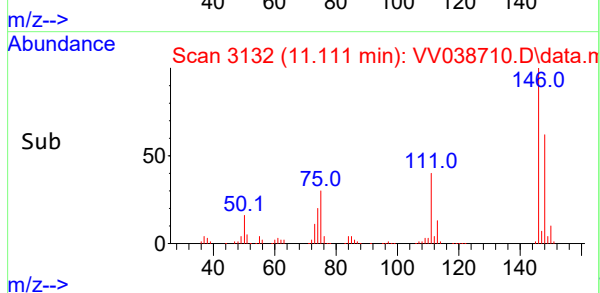
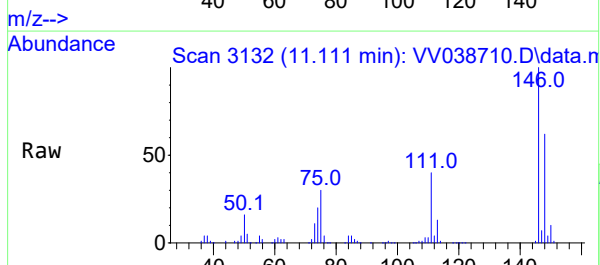


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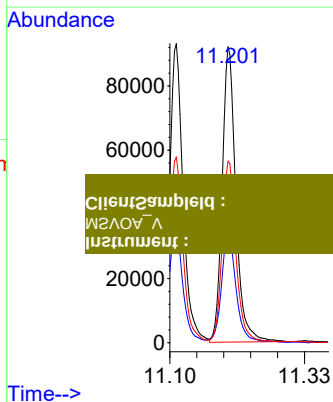
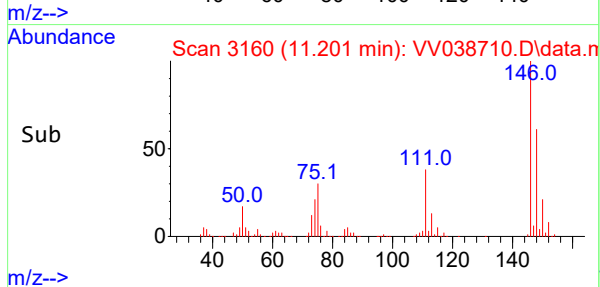
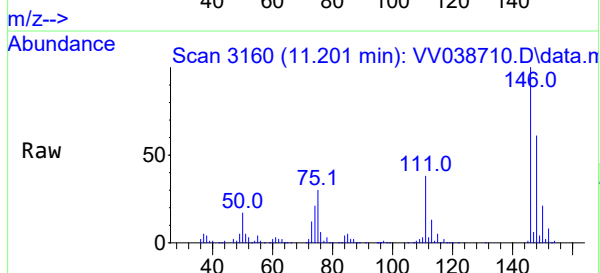
#64
1,3-Dichlorobenzene
Concen: 5.31 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. 0.000 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion:146 Resp: 148695
Ion Ratio Lower Upper
146 100
111 39.8 29.0 53.9
148 62.1 44.1 81.9

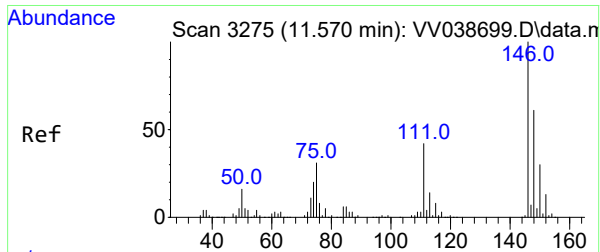


#65
1,4-Dichlorobenzene
Concen: 5.29 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.000 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion:146 Resp: 151265
Ion Ratio Lower Upper
146 100
111 38.4 27.7 51.5
148 61.4 44.9 83.5

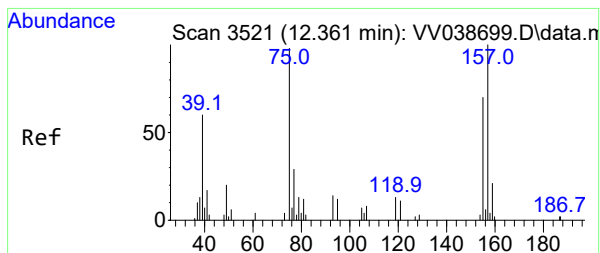
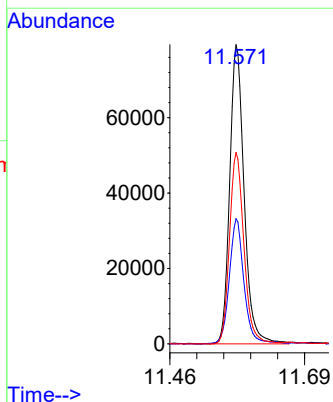
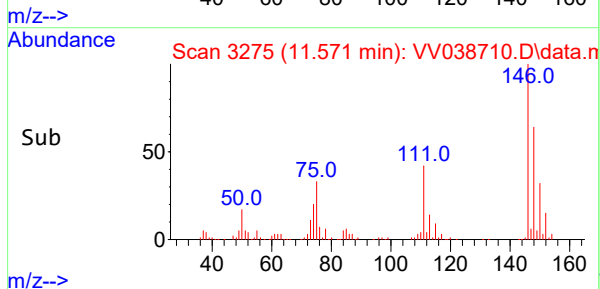
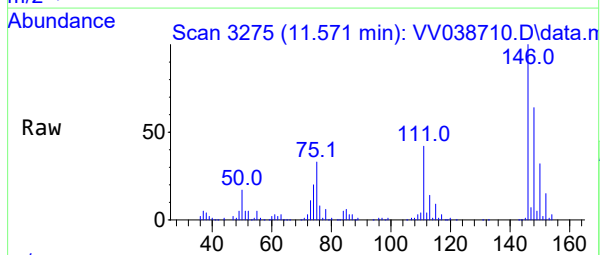


Client Sample ID :
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Instrument :



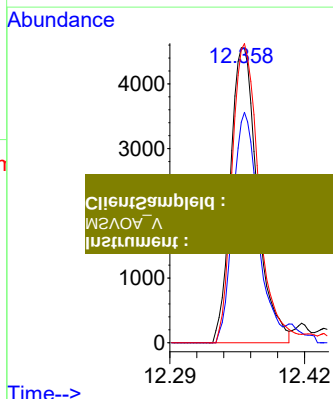
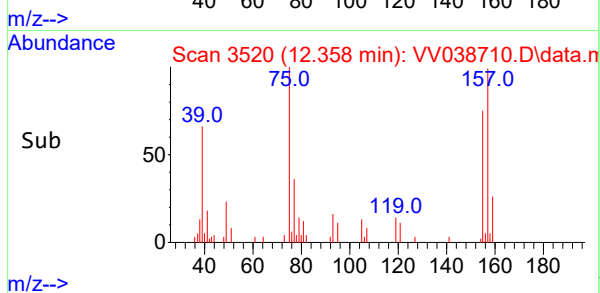
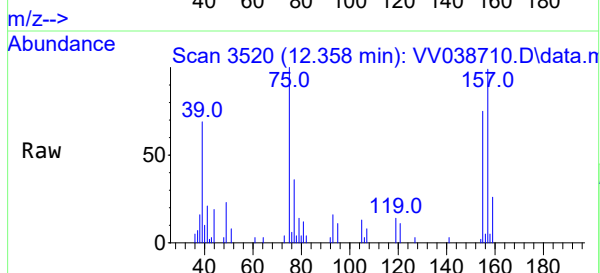
#67
1,2-Dichlorobenzene
Concen: 5.18 ug/L
RT: 11.571 min Scan# 3275
Delta R.T. 0.000 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion: 146 Resp: 135144
Ion Ratio Lower Upper
146 100
111 41.8 35.4 53.0
148 64.0 52.2 78.2

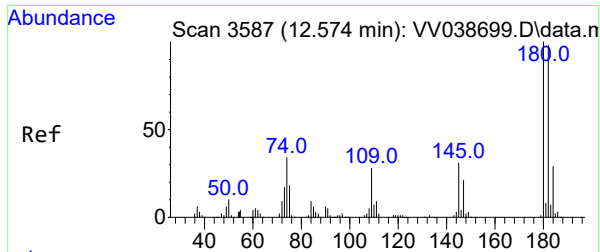


#68
1,2-Dibromo-3-chloropropane
Concen: 4.65 ug/L
RT: 12.358 min Scan# 3520
Delta R.T. -0.003 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion: 75 Resp: 8581
Ion Ratio Lower Upper
75 100
155 74.8 60.3 90.5
157 99.4 76.9 115.3



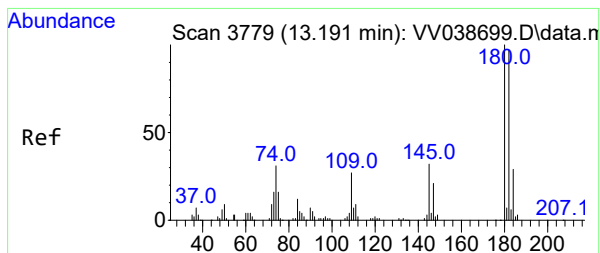
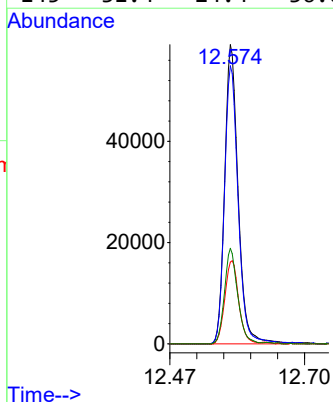
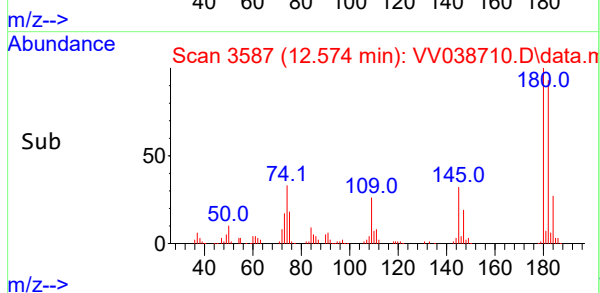
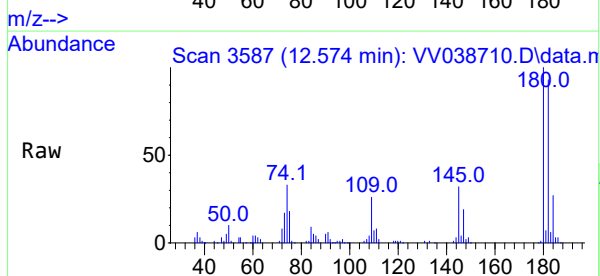
Client Sample ID :
INSTRUMENT :



#69
1,3,5-Trichlorobenzene
Concen: 5.14 ug/L
RT: 12.574 min Scan# 3587
Delta R.T. 0.000 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion:180 Resp: 93939

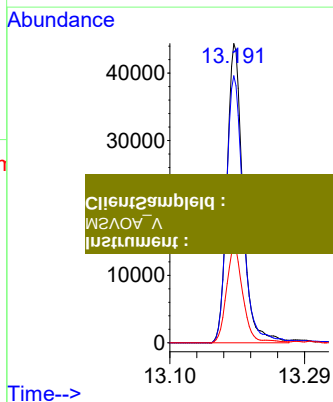
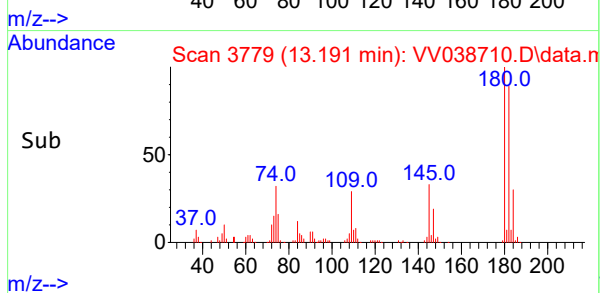
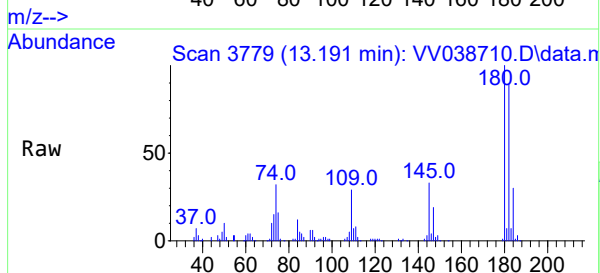
Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.6	113.4
184	28.6	24.1	36.1
145	31.4	24.4	36.6



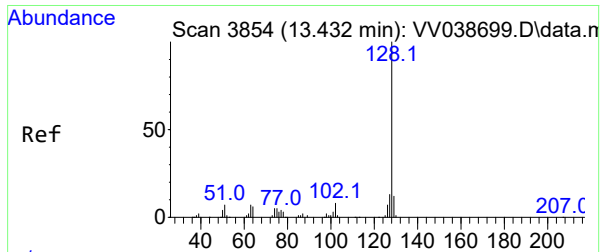
#70
1,2,4-trichlorobenzene
Concen: 5.00 ug/L
RT: 13.191 min Scan# 3779
Delta R.T. 0.000 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion:180 Resp: 71011

Ion	Ratio	Lower	Upper
180	100		
182	93.3	76.6	115.0
145	33.6	26.0	39.0

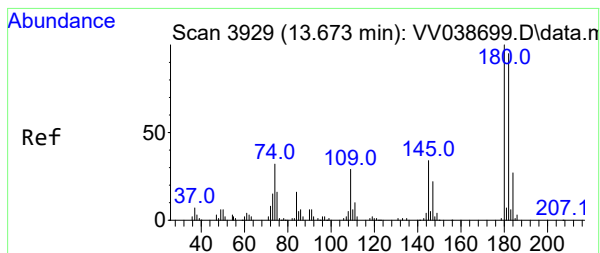
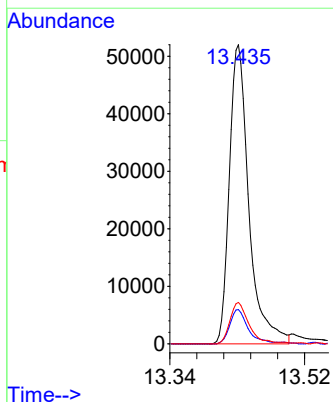
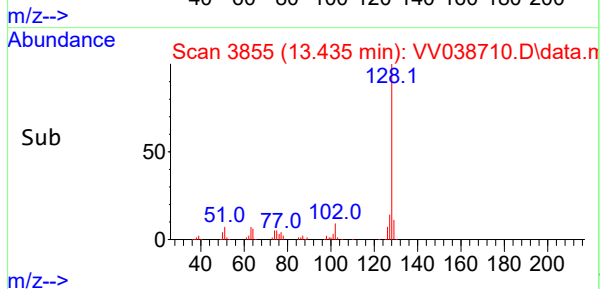
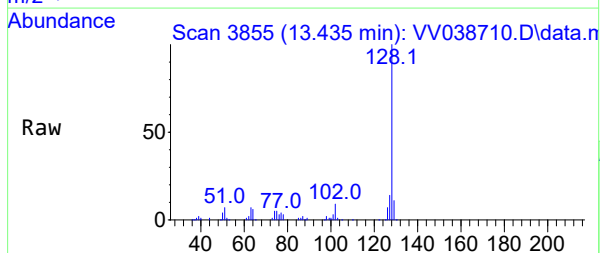


Client Sample ID :
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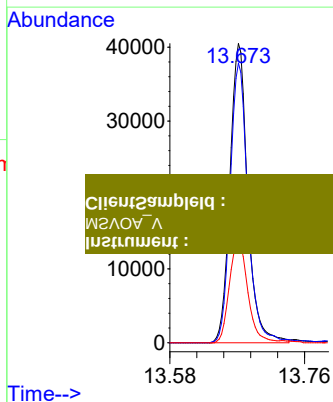
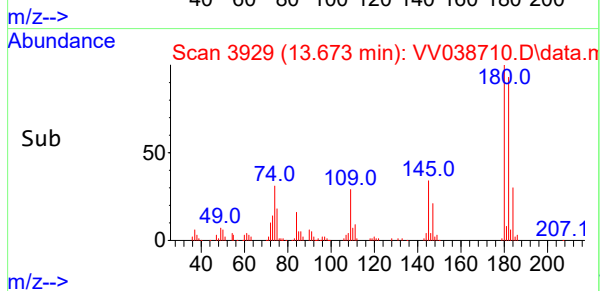
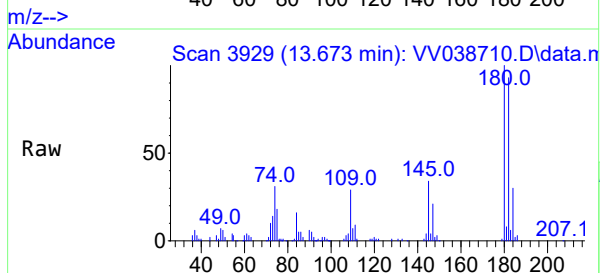
#71
Naphthalene
Concen: 4.57 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. 0.003 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion:	128	Resp:	94124
Ion Ratio	Lower	Upper	
128	100		
129	10.8	7.6	11.4
127	13.3	10.9	16.3



#72
1,2,3-Trichlorobenzene
Concen: 5.05 ug/L
RT: 13.673 min Scan# 3929
Delta R.T. 0.000 min
Lab File: VV038710.D
Acq: 14 Mar 2025 11:24

Tgt Ion:	180	Resp:	66340
Ion Ratio	Lower	Upper	
180	100		
182	93.8	76.0	114.0
145	35.5	28.4	42.6



Client Sample ID :
MS2007-1
Instrument :